

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
 Data File : VX005534.D
 Acq On : 24 Oct 2018 11:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 25 01:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	53347	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
35) Dibromofluoromethane	5.50	113	42048	19.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.20%	
50) Toluene-d8	8.71	98	155168	19.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.24%	
62) 4-Bromofluorobenzene	11.14	95	56213	18.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47770	22.093	ug/l	98
3) Chloromethane	1.32	50	55426	20.129	ug/l	99
4) Vinyl Chloride	1.40	62	54834	20.253	ug/l	98
5) Bromomethane	1.64	94	31392	18.633	ug/l	100
6) Chloroethane	1.71	64	32966	19.060	ug/l	99
7) Trichlorofluoromethane	1.92	101	76498	20.334	ug/l	98
8) Diethyl Ether	2.19	74	28959	19.288	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41936	19.428	ug/l	98
10) Methyl Iodide	2.51	142	36327	17.811	ug/l	98
11) Tert butyl alcohol	3.07	59	70453	97.911	ug/l	99
12) 1,1-Dichloroethene	2.37	96	39422	19.172	ug/l	95
13) Acrolein	2.29	56	35737	97.362	ug/l	99
14) Allyl chloride	2.73	41	89078	19.410	ug/l	99
15) Acrylonitrile	3.15	53	150408	93.217	ug/l	99
16) Acetone	2.45	43	135986	96.241	ug/l	93
17) Carbon Disulfide	2.57	76	122600	19.559	ug/l	99
18) Methyl Acetate	2.78	43	71772	18.132	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	143086	19.507	ug/l	99
20) Methylene Chloride	2.85	84	45632	19.283	ug/l #	85
21) trans-1,2-Dichloroethene	3.16	96	42222	18.806	ug/l	97
22) Diisopropyl ether	3.86	45	146844	18.323	ug/l #	77
23) Vinyl Acetate	3.82	43	661000	93.652	ug/l	100
24) 1,1-Dichloroethane	3.69	63	82195	18.865	ug/l	99
25) 2-Butanone	4.70	43	213394	99.176	ug/l	97
26) 2,2-Dichloropropane	4.58	77	64109	19.058	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46972	19.407	ug/l	98
28) Bromochloromethane	5.02	49	41836	19.852	ug/l	98
29) Tetrahydrofuran	5.16	42	134758	96.238	ug/l	99
30) Chloroform	5.21	83	80178	19.673	ug/l	98
31) Cyclohexane	5.57	56	72591	20.136	ug/l #	83
32) 1,1,1-Trichloroethane	5.50	97	69232	19.246	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59609	18.893	ug/l	98
37) Ethyl Acetate	4.85	43	74493	18.502	ug/l	98
38) Carbon Tetrachloride	5.79	117	62165	18.707	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65820	18.892	ug/l	96
40) Benzene	6.14	78	173226	19.153	ug/l	96
41) Methacrylonitrile	5.06	41	41348	18.437	ug/l	98
42) 1,2-Dichloroethane	6.20	62	66575	19.376	ug/l	99
43) Isopropyl Acetate	6.47	43	111260	18.441	ug/l	99
44) Trichloroethene	7.21	130	46890	19.031	ug/l	99
45) 1,2-Dichloropropane	7.52	63	45884	18.870	ug/l	98
46) Dibromomethane	7.66	93	29598	18.846	ug/l	99
47) Bromodichloromethane	7.90	83	57143	18.747	ug/l	98
48) Methyl methacrylate	7.77	41	54648	18.593	ug/l	98
49) 1,4-Dioxane	7.75	88	23888	371.908	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	386285	95.268	ug/l	99
52) Toluene	8.79	92	107050	19.475	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	62309	18.914	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	69060	19.471	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	44230	19.085	ug/l	97
56) Ethyl methacrylate	9.18	69	63865	18.476	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74058	18.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	190048	98.440	ug/l	100
59) 2-Hexanone	9.49	43	304702	95.310	ug/l	100
60) Dibromochloromethane	9.59	129	45649	18.880	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46024	19.196	ug/l	99
64) Tetrachloroethene	9.34	164	48161	19.982	ug/l	96
65) Chlorobenzene	10.14	112	120530	19.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42897	19.029	ug/l	97
67) Ethyl Benzene	10.25	91	197208	19.387	ug/l	99
68) m/p-Xylenes	10.36	106	157831	39.993	ug/l	100
69) o-Xylene	10.70	106	74656	20.107	ug/l	100
70) Styrene	10.71	104	125259	20.153	ug/l	99
71) Bromoform	10.86	173	37285	18.535	ug/l #	99
73) Isopropylbenzene	11.02	105	204708	20.392	ug/l	99
74) N-amyl acetate	10.90	43	95981	19.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71583	19.328	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83248	24.738	ug/l	86
77) Bromobenzene	11.26	156	54732	19.563	ug/l	99
78) n-propylbenzene	11.36	91	233670	20.356	ug/l	100
79) 2-Chlorotoluene	11.42	91	142219	19.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	175693	20.459	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19996	18.778	ug/l	97
82) 4-Chlorotoluene	11.51	91	167815	19.996	ug/l	100
83) tert-Butylbenzene	11.77	119	167499	19.567	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	181382	20.840	ug/l	99
85) sec-Butylbenzene	11.94	105	206329	20.200	ug/l	100
86) p-Isopropyltoluene	12.07	119	184829	20.242	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	102564	19.495	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104564	19.002	ug/l	100
89) n-Butylbenzene	12.39	91	161025	19.534	ug/l	99
90) Hexachloroethane	12.60	117	29889	18.979	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	103845	19.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16701	18.650	ug/l	99

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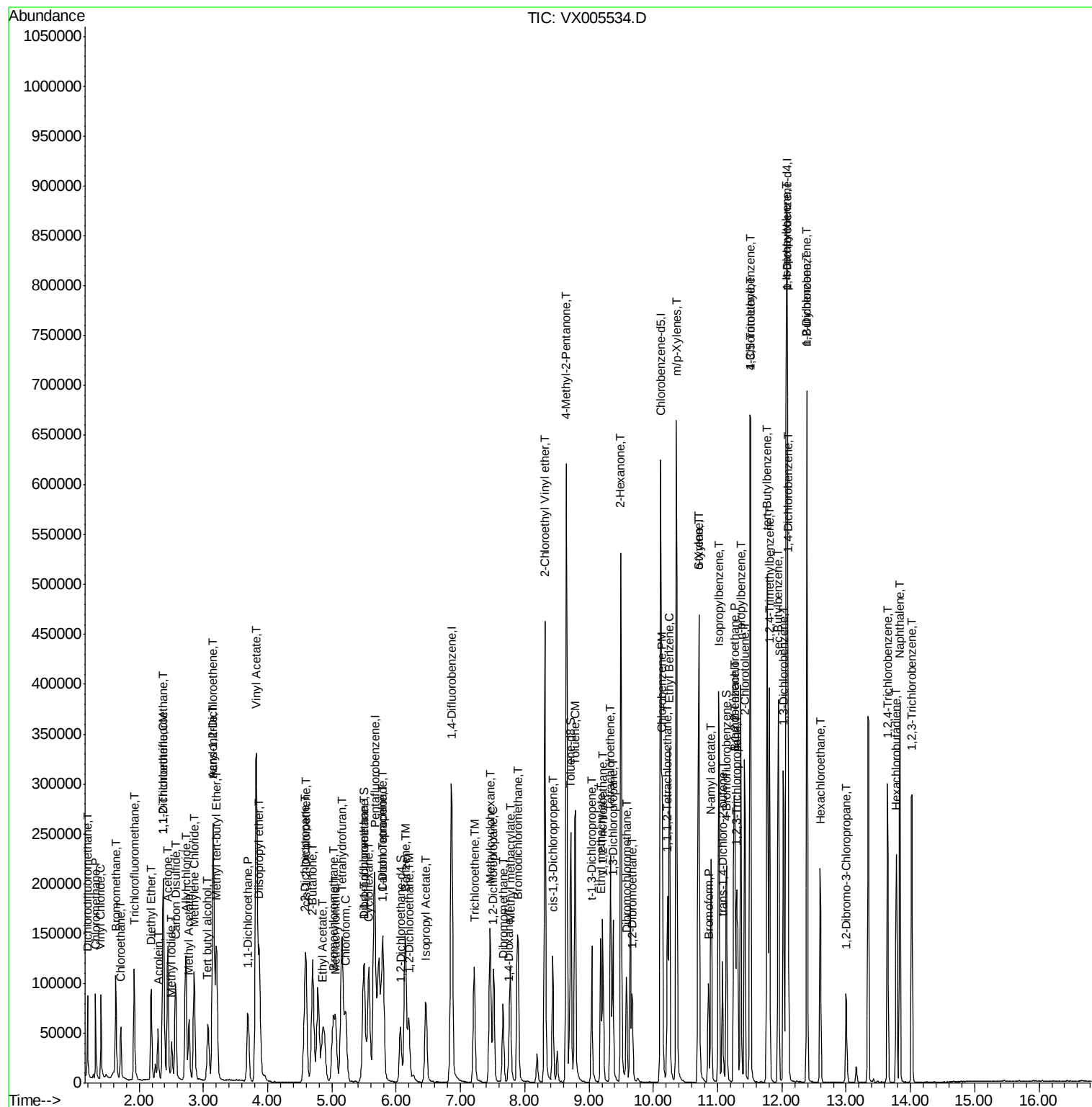
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74703	19.361	ug/l	100
94) Hexachlorobutadiene	13.79	225	38340	19.174	ug/l	99
95) Naphthalene	13.83	128	225956	20.146	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77594	19.839	ug/l	99

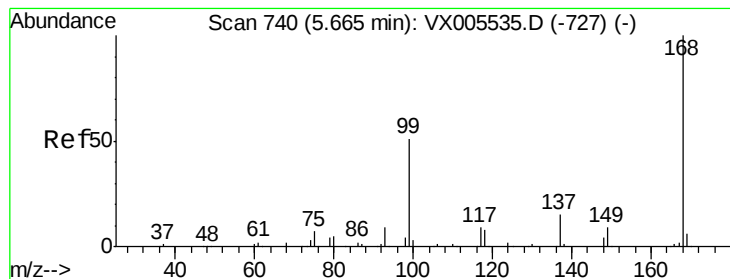
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 01:45:25 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

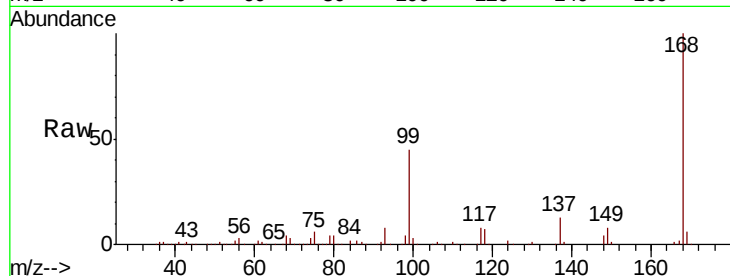
VSTDIC020

Tgt Ion:168 Resp: 219055

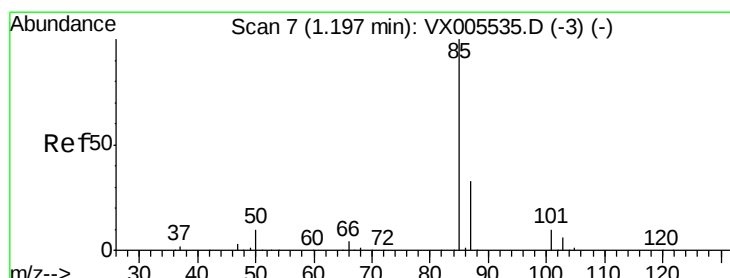
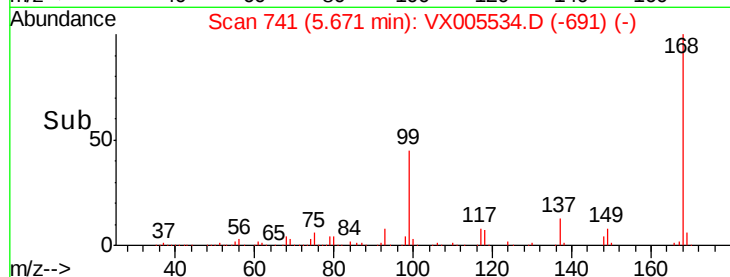
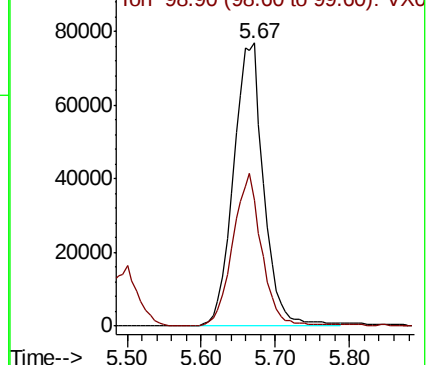
Ion Ratio Lower Upper

168 100

99 44.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)



#2

Dichlorodifluoromethane

Concen: 22.093 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005534.D

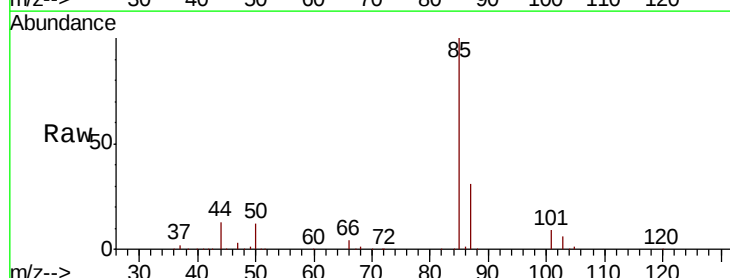
Acq: 24 Oct 2018 11:32

Tgt Ion: 85 Resp: 47770

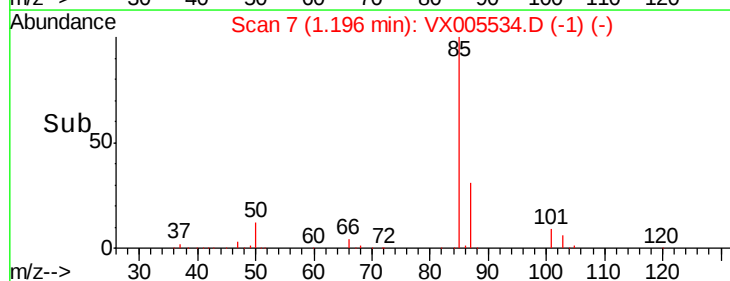
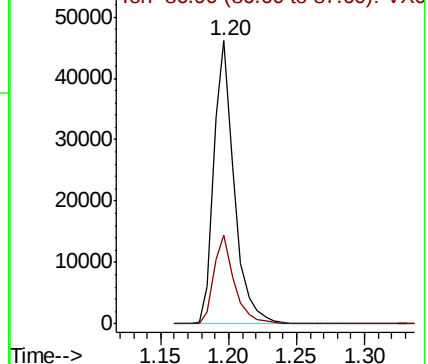
Ion Ratio Lower Upper

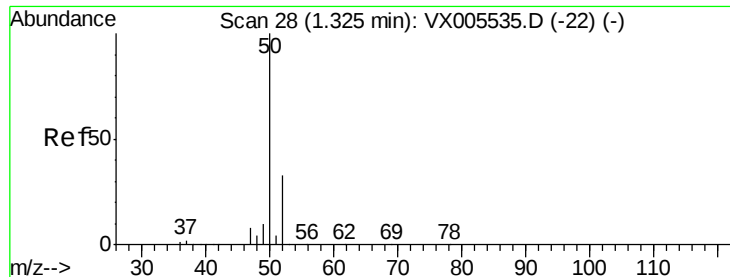
85 100

87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX005535.D (-3) (-)





#3

Chloromethane

Concen: 20.129 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

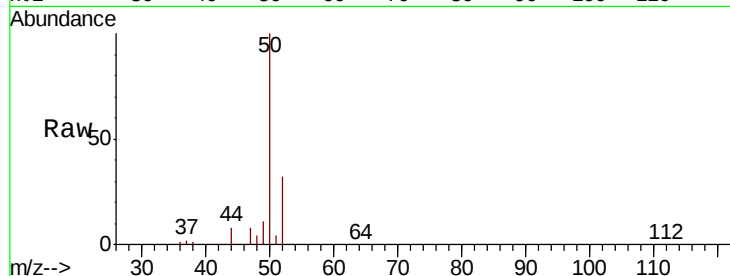
VSTDIC020

Tgt Ion: 50 Resp: 55426

Ion Ratio Lower Upper

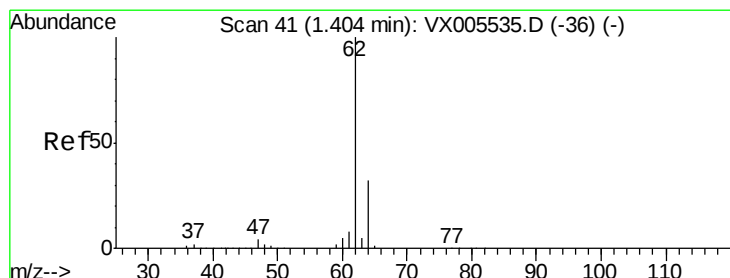
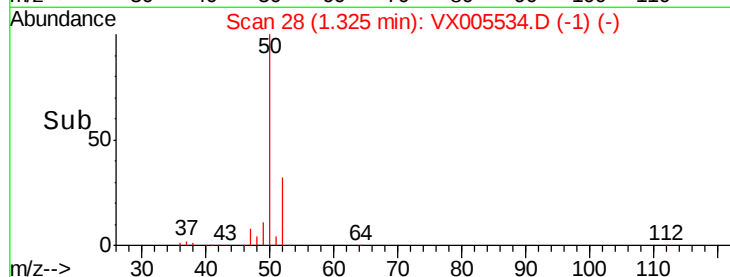
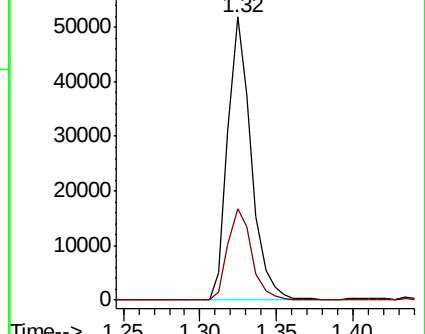
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.253 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005534.D

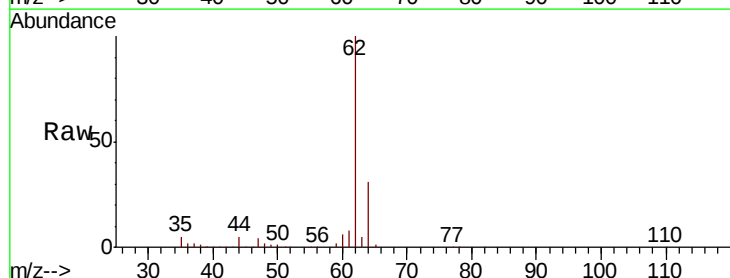
Acq: 24 Oct 2018 11:32

Tgt Ion: 62 Resp: 54834

Ion Ratio Lower Upper

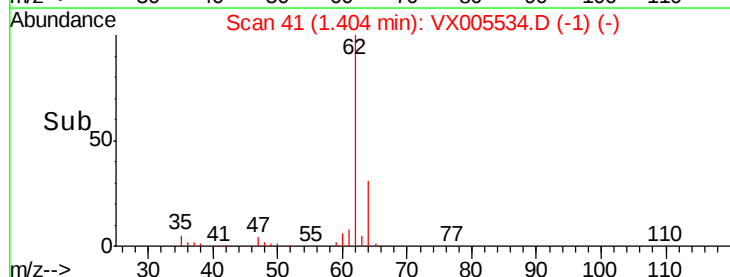
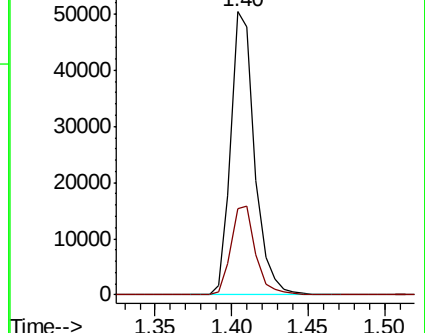
62 100

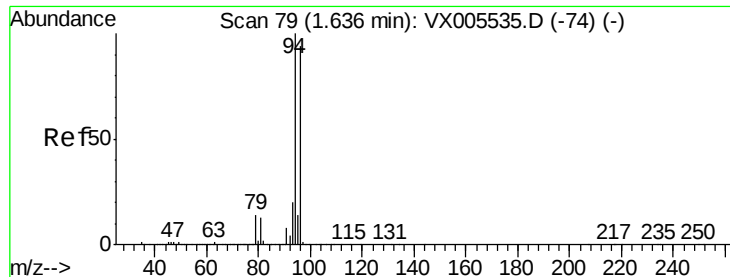
64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.633 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

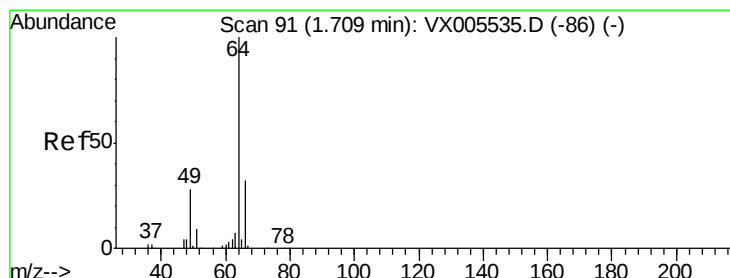
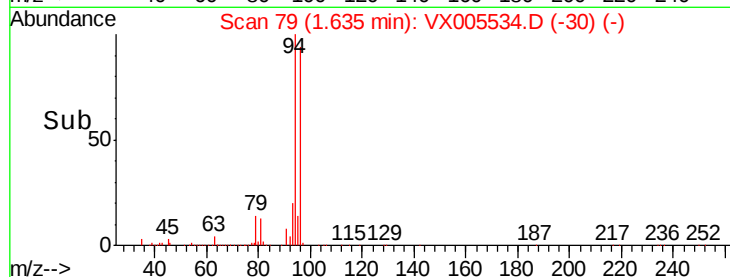
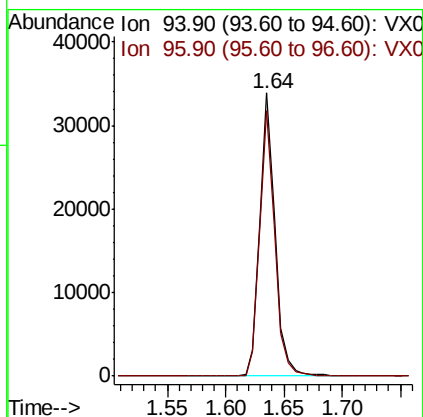
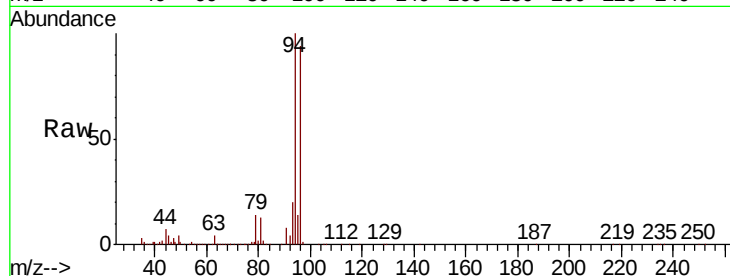
VSTDIC020

Tgt Ion: 94 Resp: 31392

Ion Ratio Lower Upper

94 100

96 93.8 75.2 112.8



#6

Chloroethane

Concen: 19.060 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005534.D

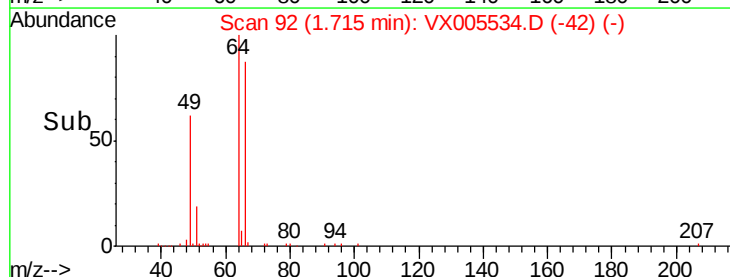
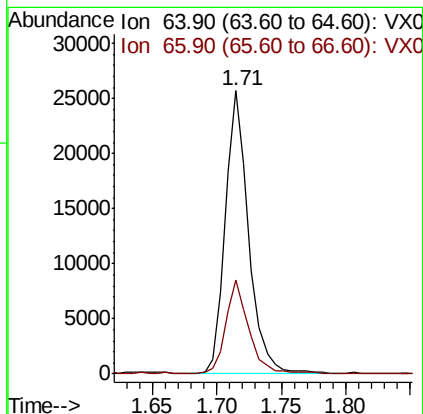
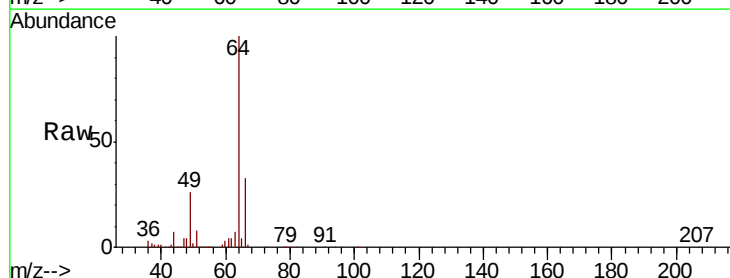
Acq: 24 Oct 2018 11:32

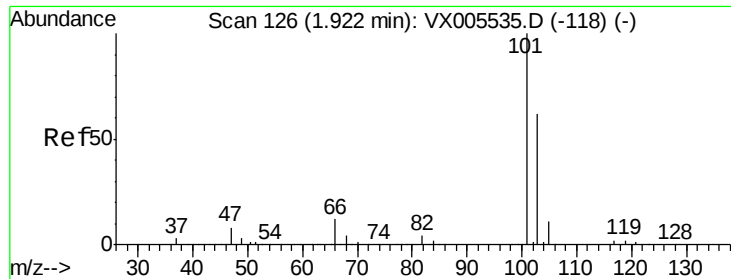
Tgt Ion: 64 Resp: 32966

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.6



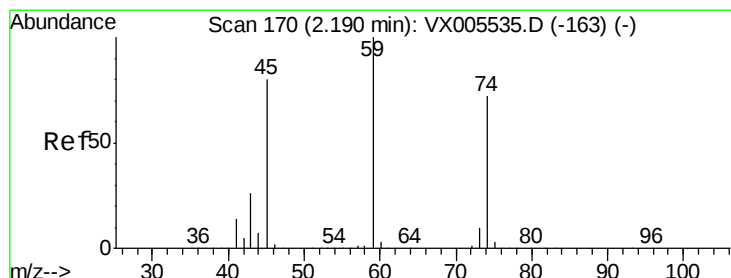
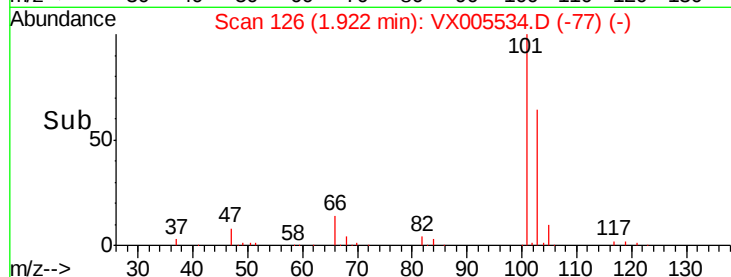
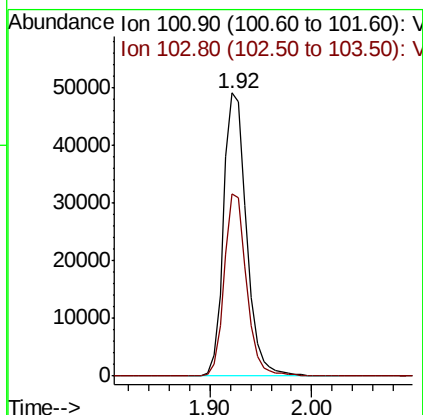
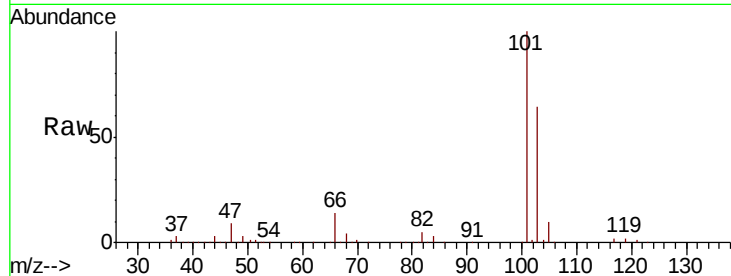


#7

Trichlorofluoromethane
 Concen: 20.334 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

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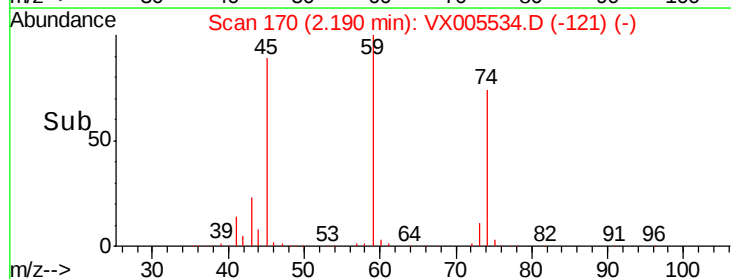
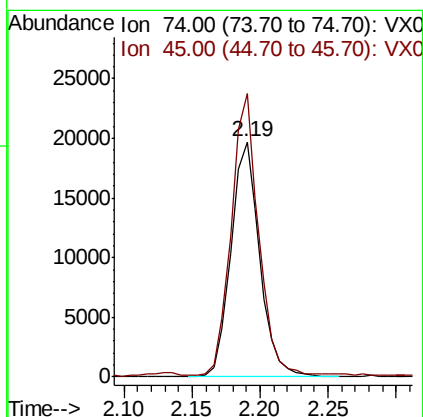
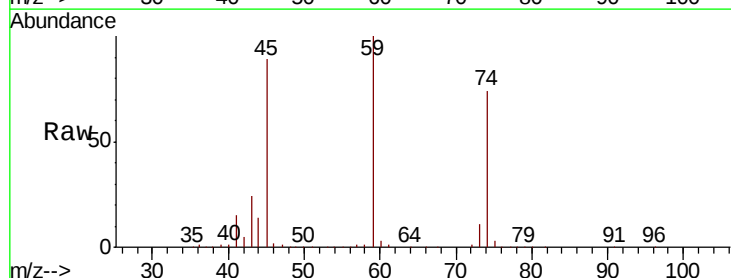
Tgt Ion:101 Resp: 76498
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.0 75.0

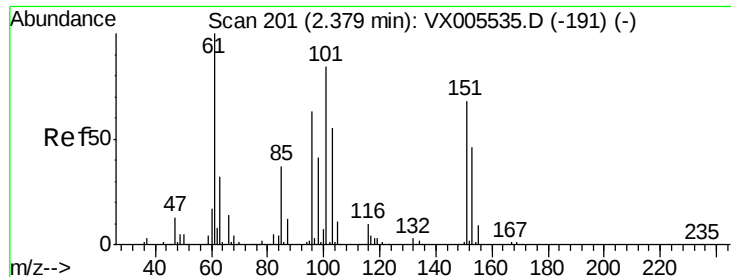


#8

Diethyl Ether
 Concen: 19.288 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion: 74 Resp: 28959
 Ion Ratio Lower Upper
 74 100
 45 113.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.428 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005534.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

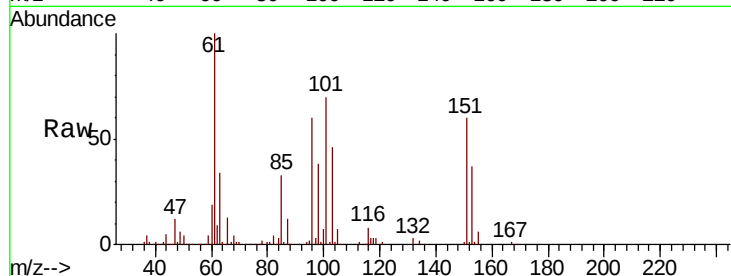
Tgt Ion:101 Resp: 41936

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

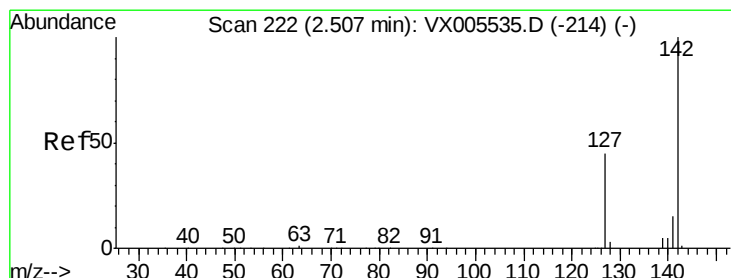
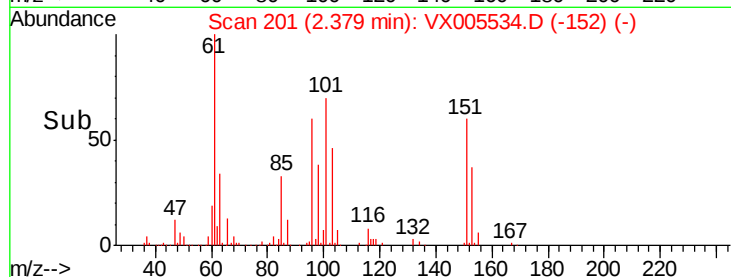
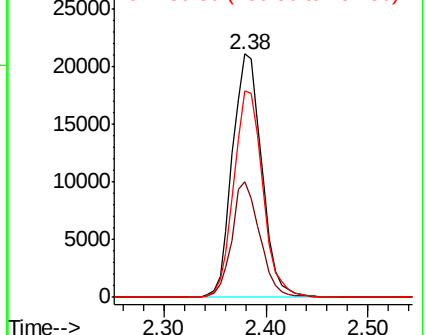
151 83.8 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.811 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

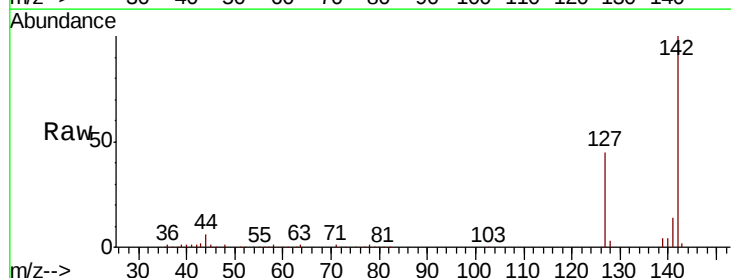
Tgt Ion:142 Resp: 36327

Ion Ratio Lower Upper

142 100

127 47.0 36.0 54.0

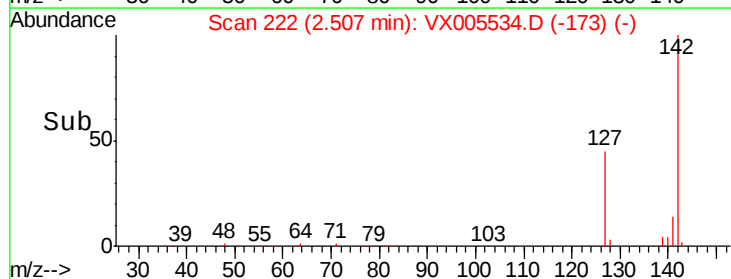
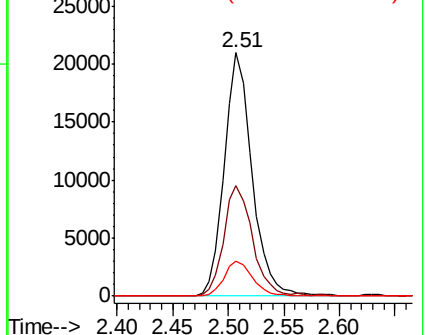
141 14.7 11.7 17.5

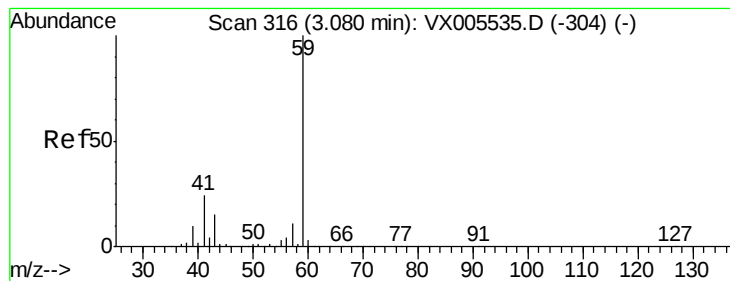


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.911 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

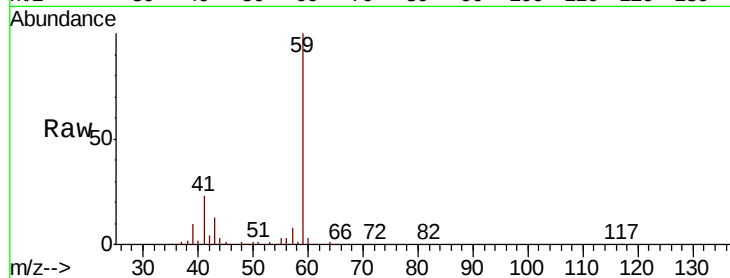
VSTDIC020

Tgt Ion: 59 Resp: 70453

Ion Ratio Lower Upper

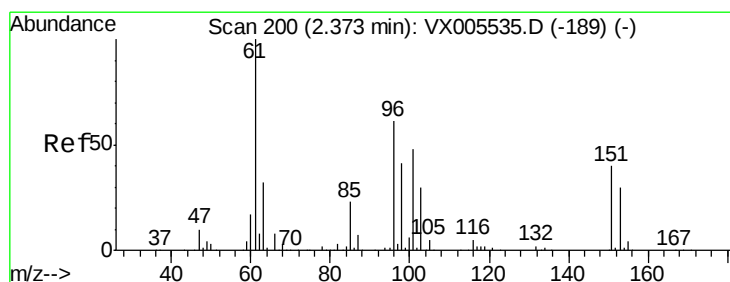
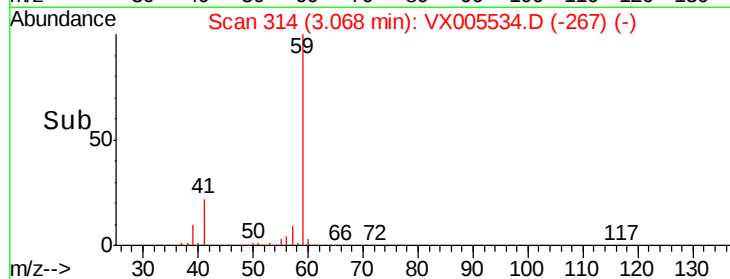
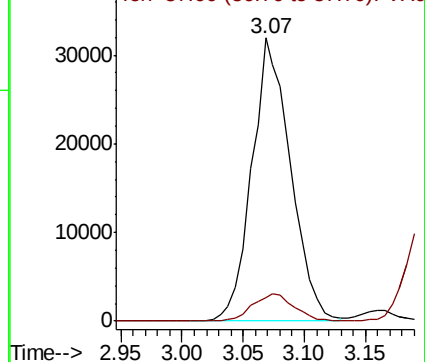
59 100

57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.172 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

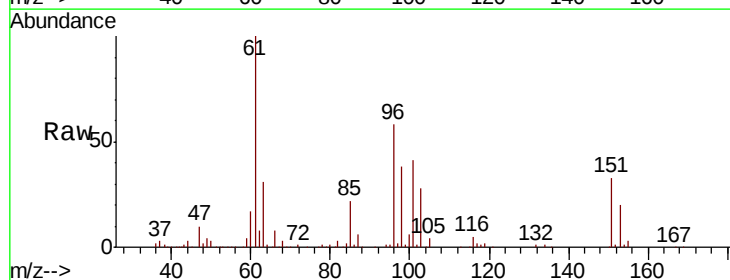
Tgt Ion: 96 Resp: 39422

Ion Ratio Lower Upper

96 100

61 173.8 131.8 197.8

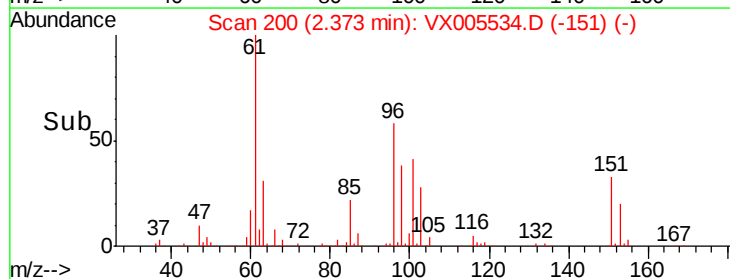
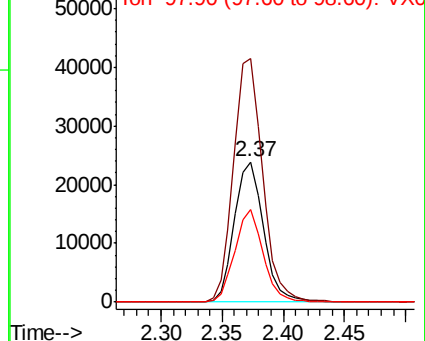
98 66.0 53.4 80.2

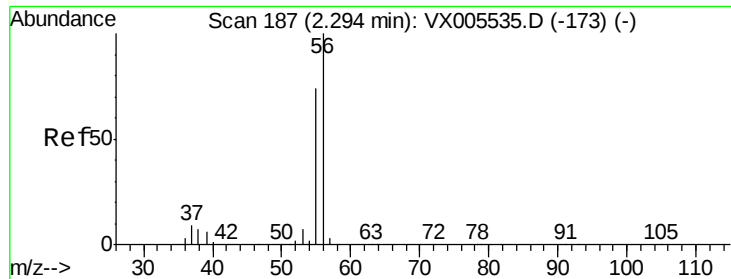


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 97.362 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

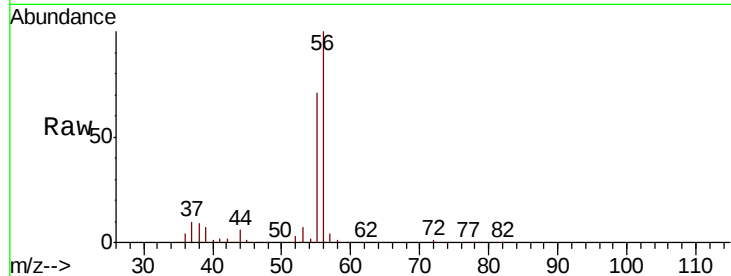
VSTDIC020

Tgt Ion: 56 Resp: 35737

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

10000

5000

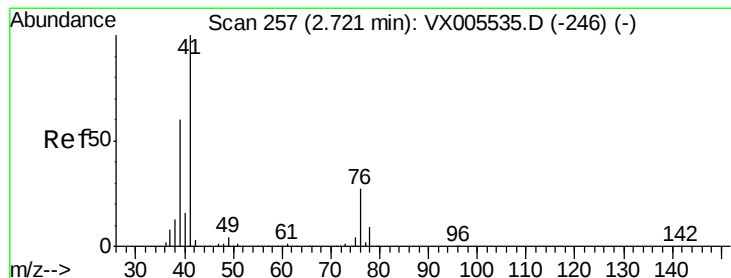
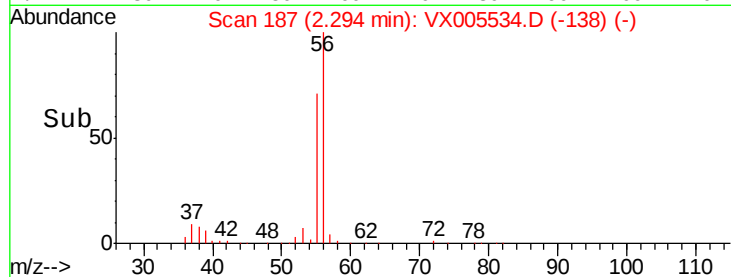
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 19.410 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

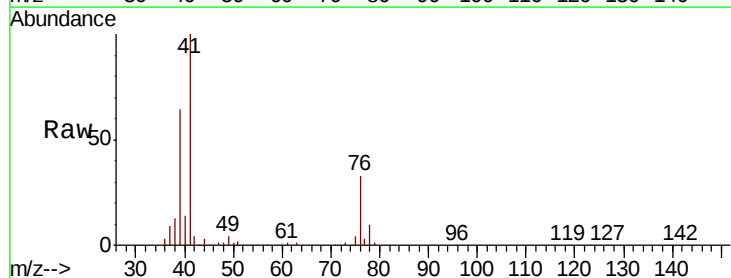
Tgt Ion: 41 Resp: 89078

Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.4

76 28.4 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

40000

20000

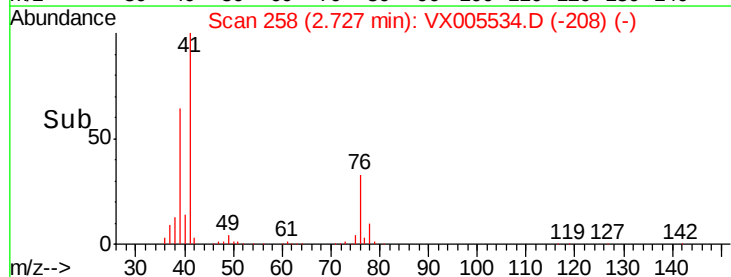
0

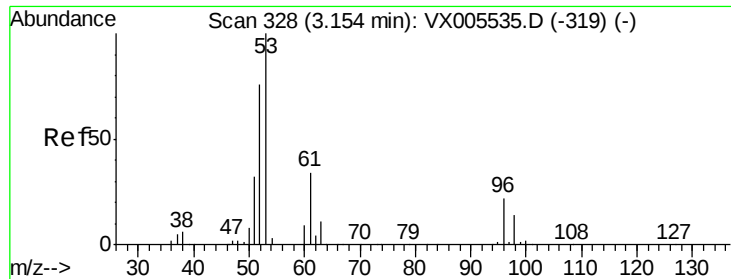
Time-->

2.60

2.70

2.80

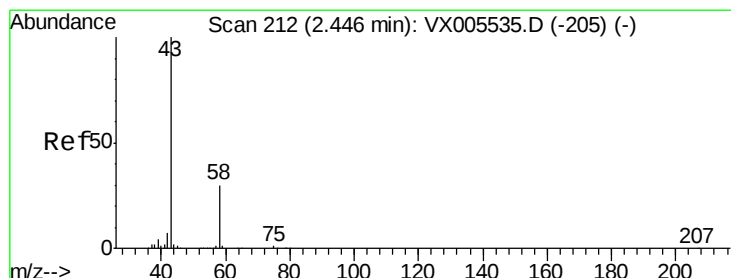
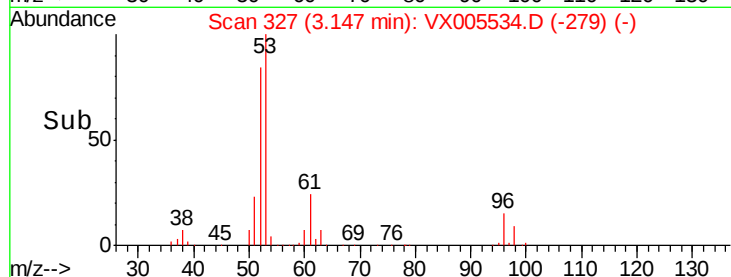
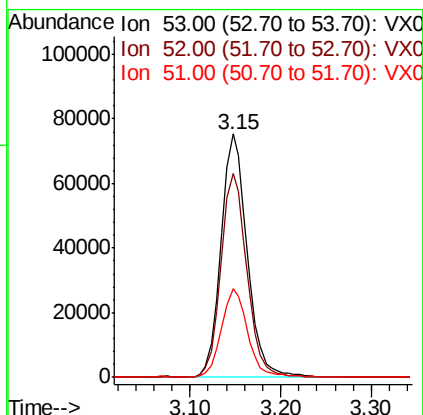
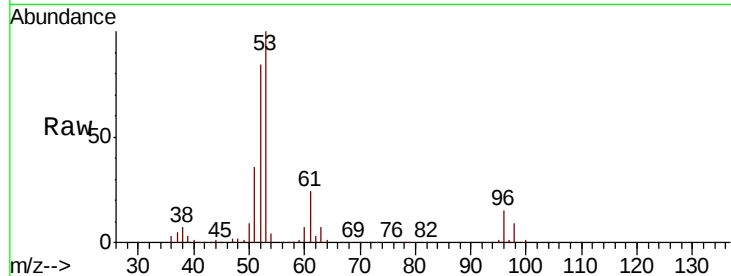




#15
Acrylonitrile
Concen: 93.217 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

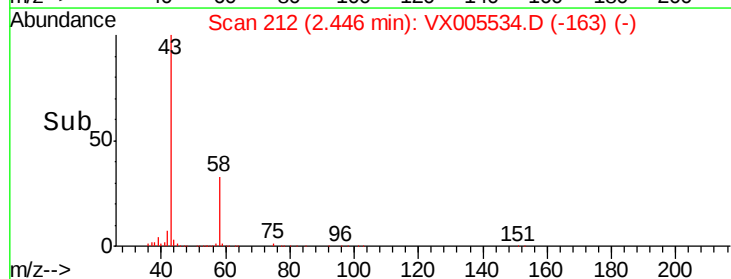
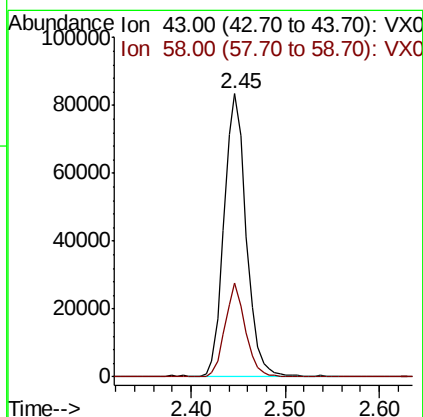
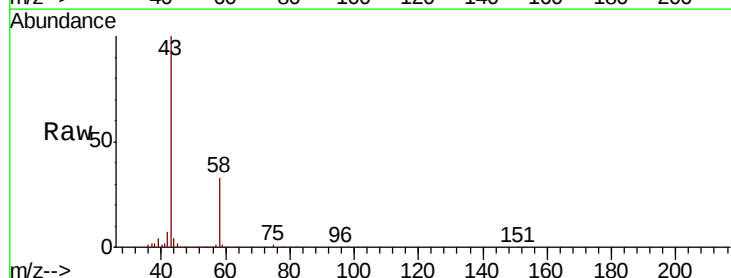
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

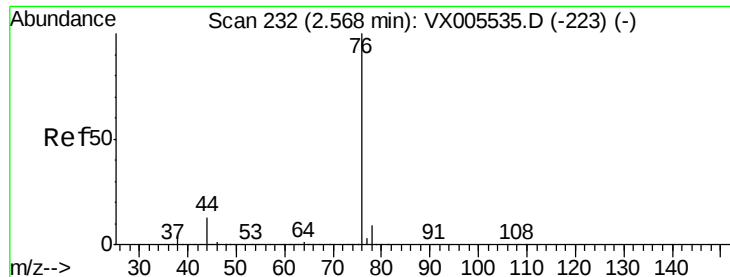
Tgt Ion: 53 Resp: 150408
Ion Ratio Lower Upper
53 100
52 83.3 66.6 99.8
51 36.8 28.4 42.6



#16
Acetone
Concen: 96.241 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 43 Resp: 135986
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.6

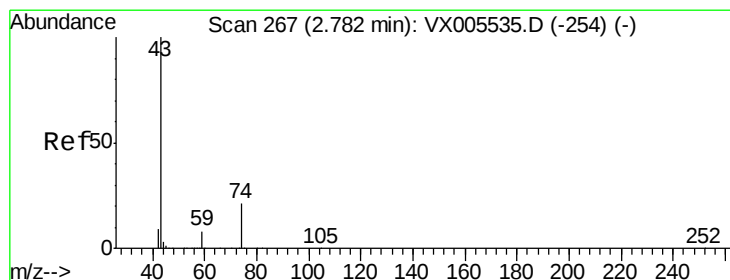
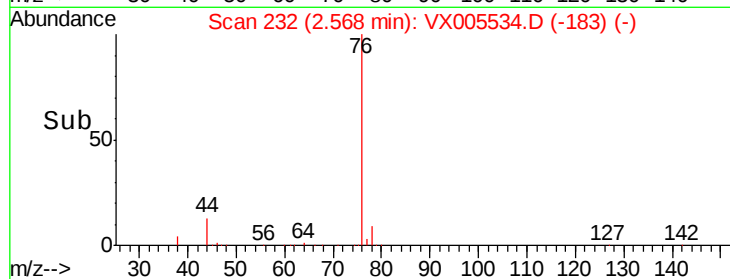
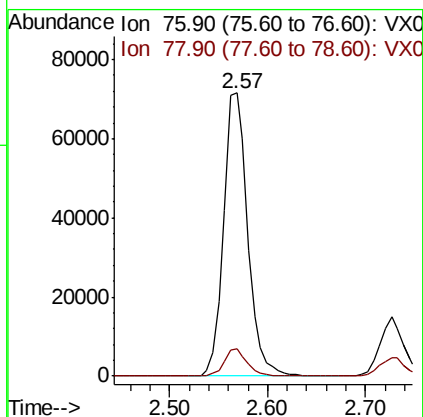
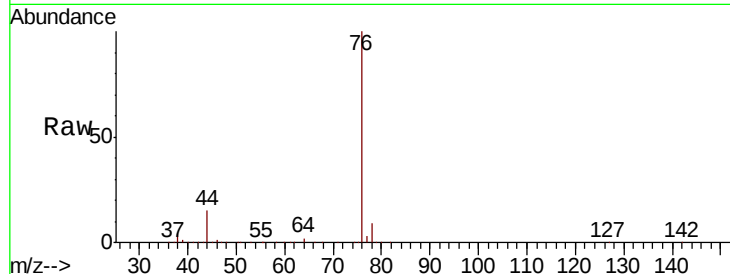




#17
Carbon Disulfide
Concen: 19.559 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

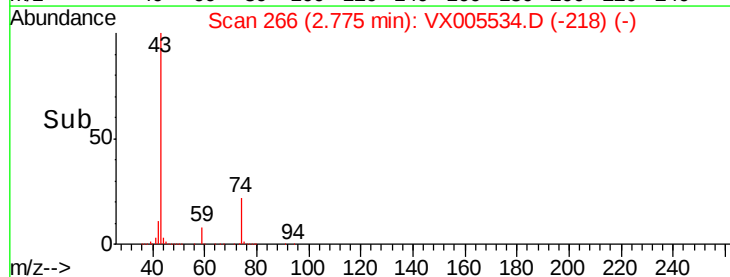
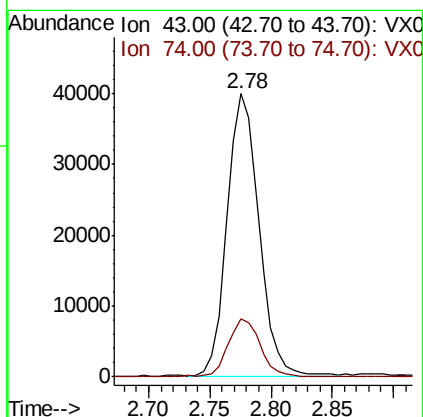
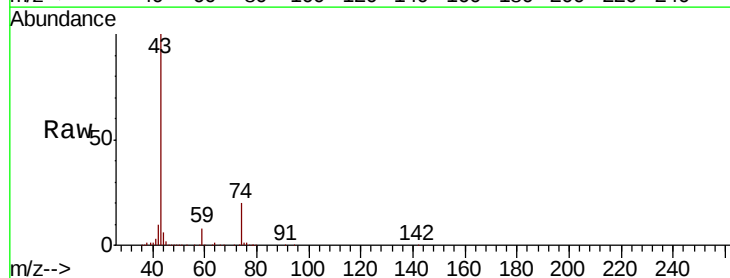
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

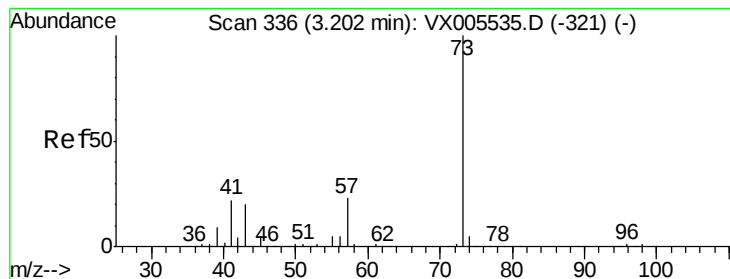
Tgt Ion: 76 Resp: 122600
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 18.132 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 43 Resp: 71772
Ion Ratio Lower Upper
43 100
74 21.4 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 19.507 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

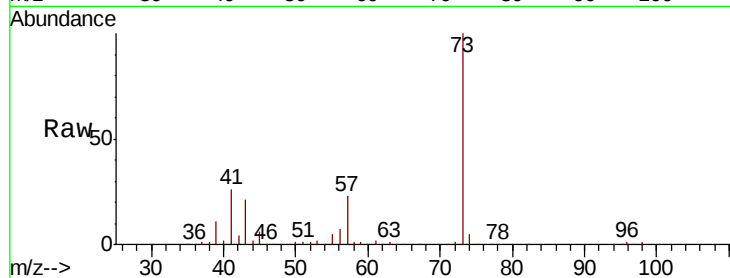
VSTDIC020

Tgt Ion: 73 Resp: 143086

Ion Ratio Lower Upper

73 100

57 22.9 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

60000

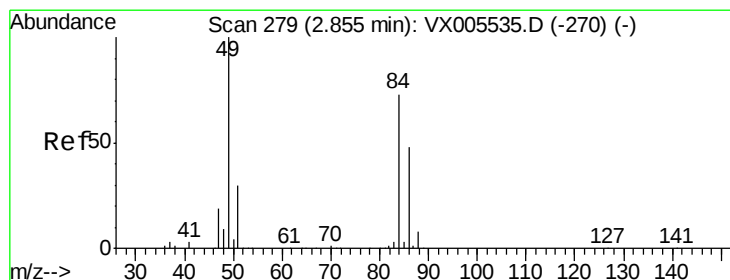
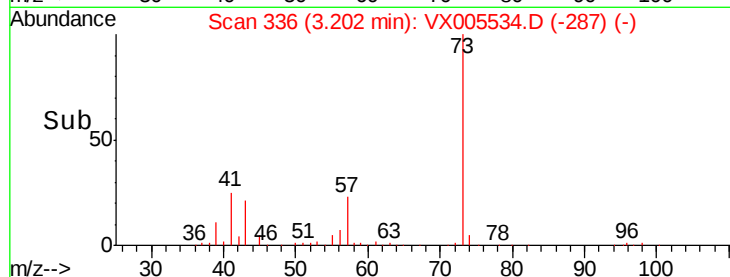
40000

20000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 19.283 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Tgt Ion: 84 Resp: 45632

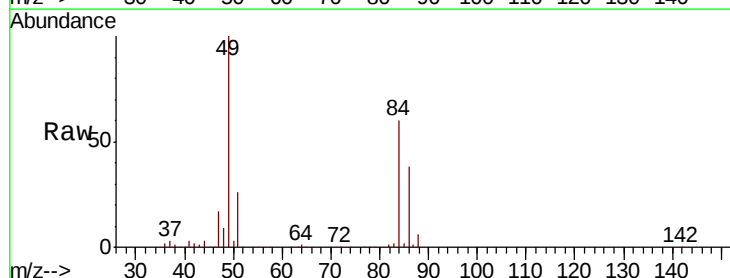
Ion Ratio Lower Upper

84 100

49 167.6 109.5 164.3#

51 42.9 33.3 49.9

86 63.7 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

30000

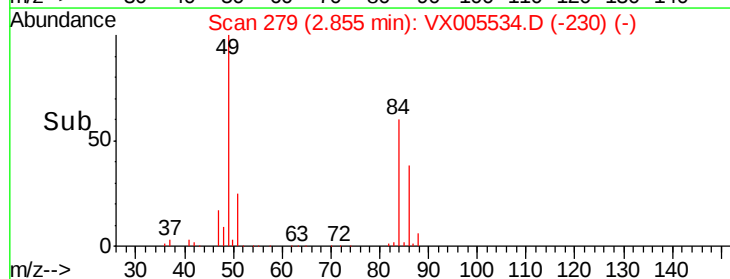
20000

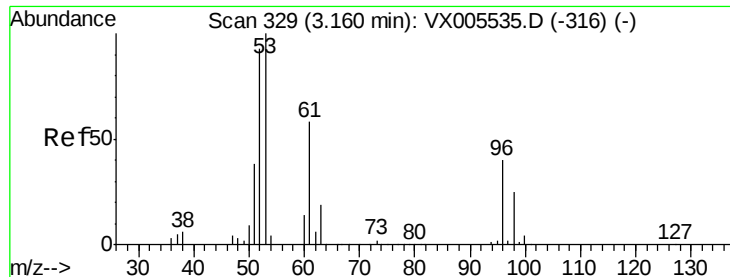
10000

0

2.80 2.85 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.806 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

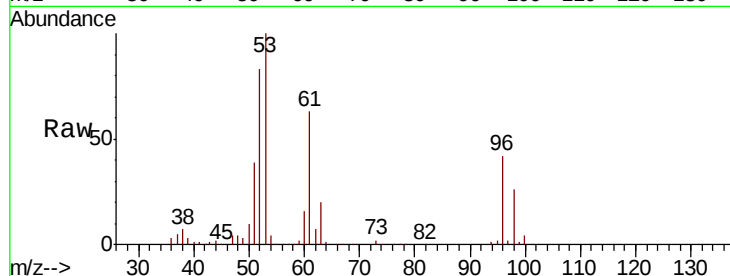
Tgt Ion: 96 Resp: 42222

Ion Ratio Lower Upper

96 100

61 149.3 115.6 173.4

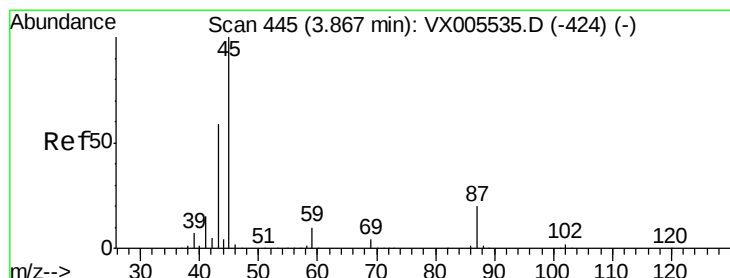
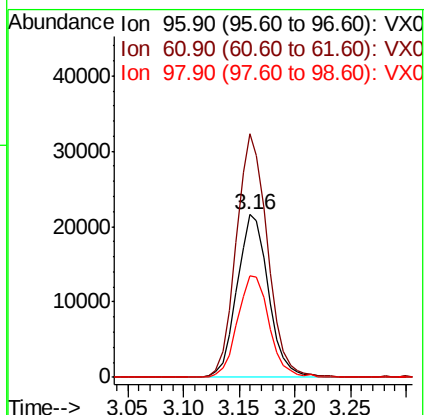
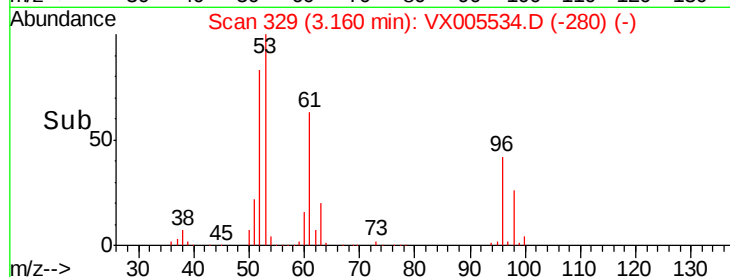
98 62.2 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.323 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Tgt Ion: 45 Resp: 146844

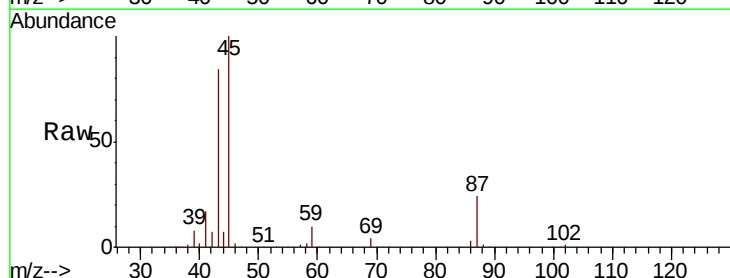
Ion Ratio Lower Upper

45 100

43 83.4 47.4 71.2#

87 23.9 15.9 23.9

59 9.5 7.7 11.5

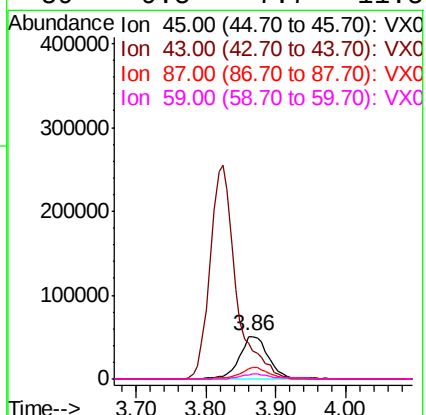
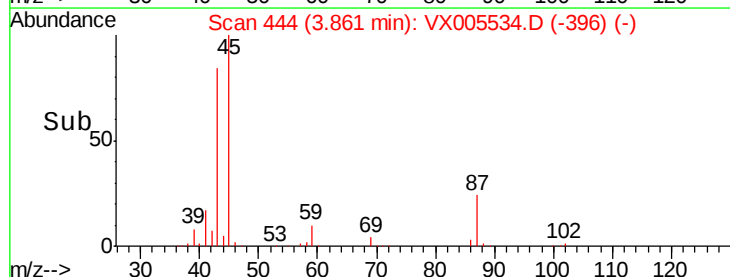


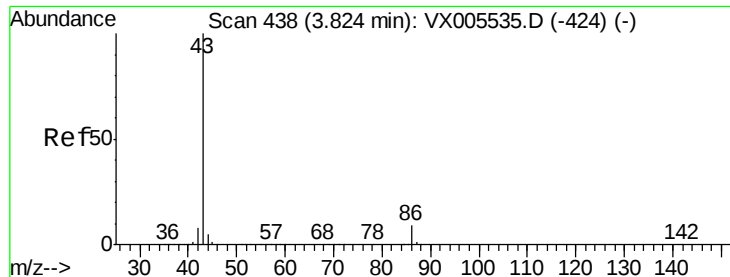
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.652 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

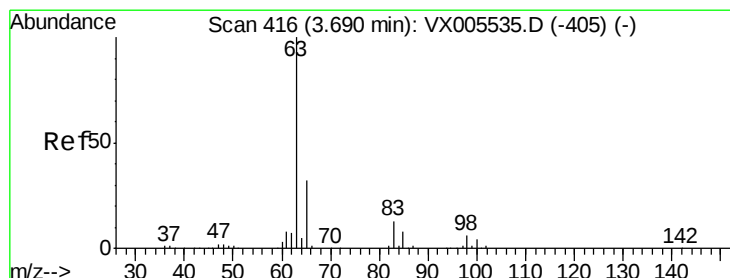
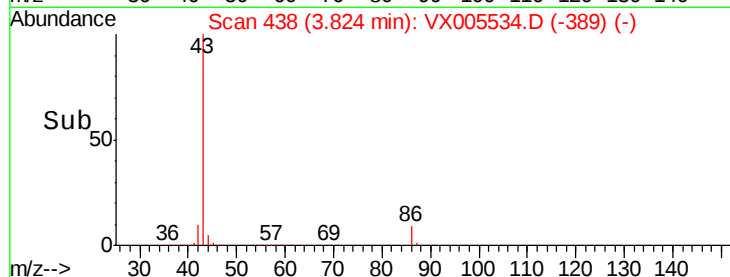
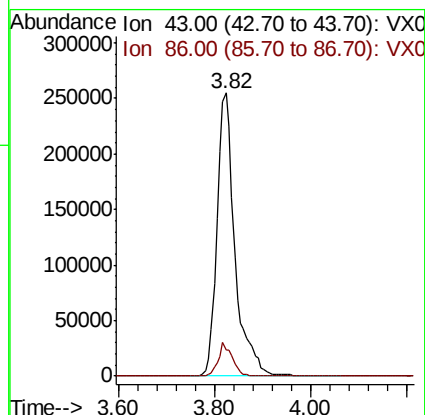
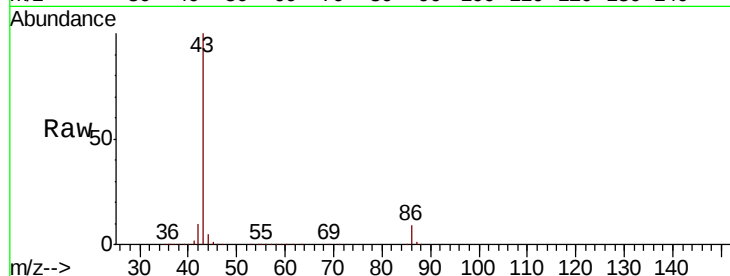
VSTDIC020

Tgt Ion: 43 Resp: 661000

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.2



#24

1,1-Dichloroethane

Concen: 18.865 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

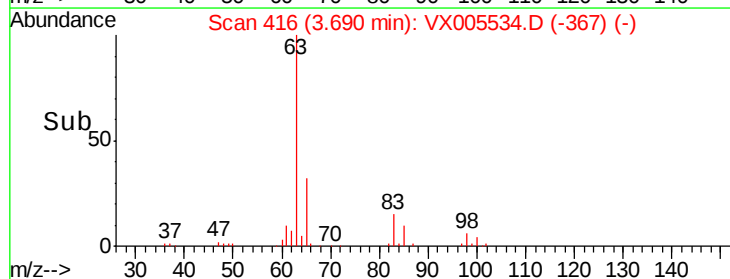
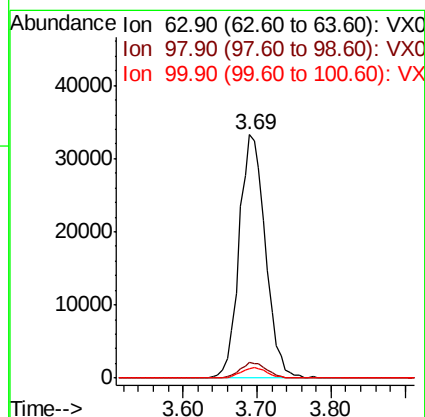
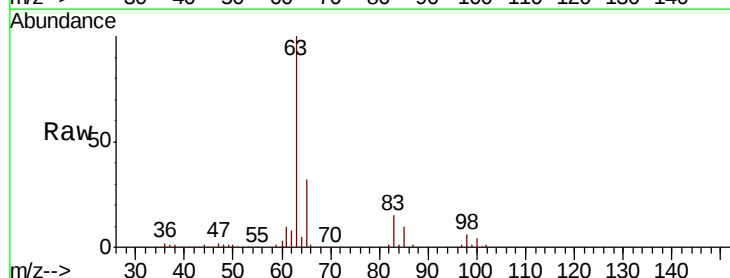
Tgt Ion: 63 Resp: 82195

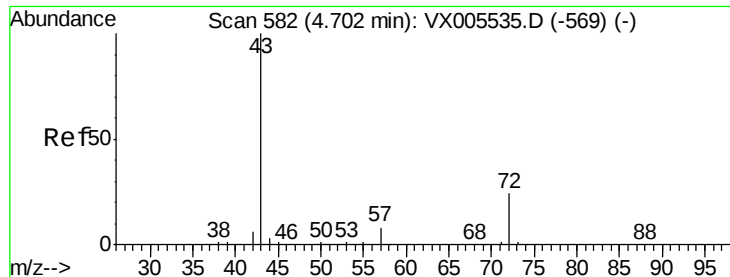
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.6 2.1 6.2





#25

2-Butanone

Concen: 99.176 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

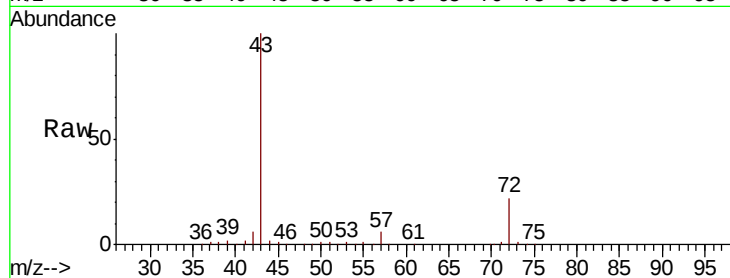
VSTDIC020

Tgt Ion: 43 Resp: 213394

Ion Ratio Lower Upper

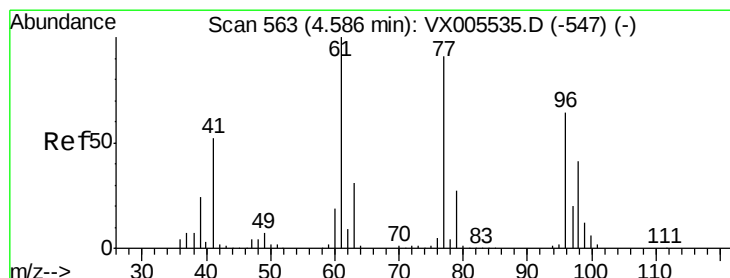
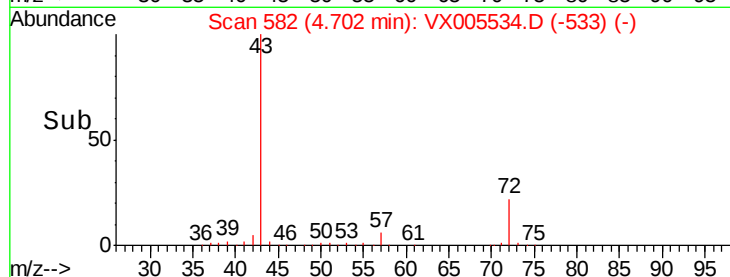
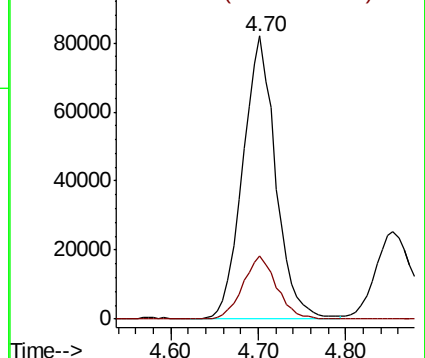
43 100

72 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.058 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005534.D

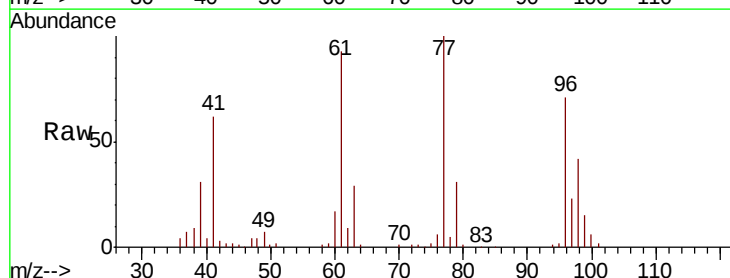
Acq: 24 Oct 2018 11:32

Tgt Ion: 77 Resp: 64109

Ion Ratio Lower Upper

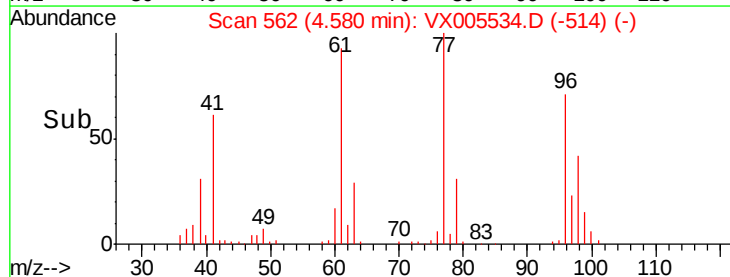
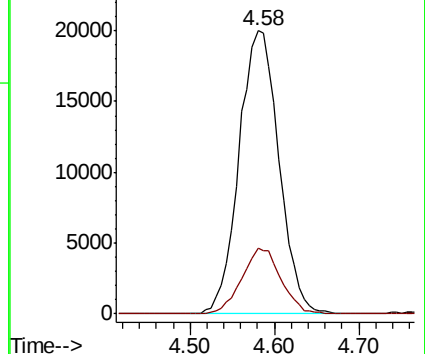
77 100

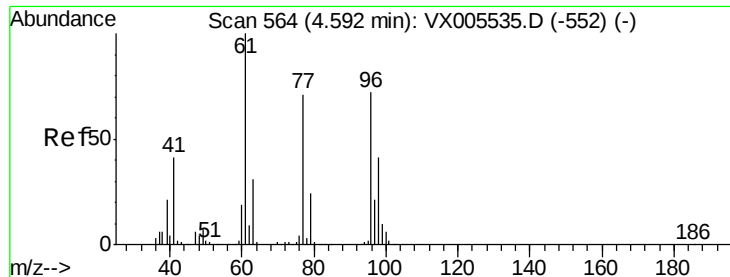
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



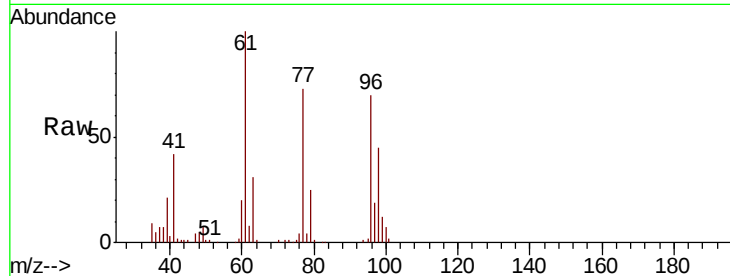


#27

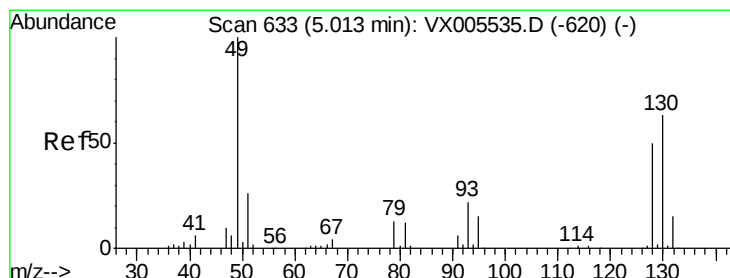
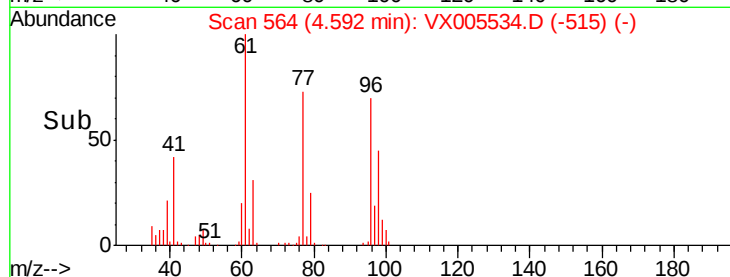
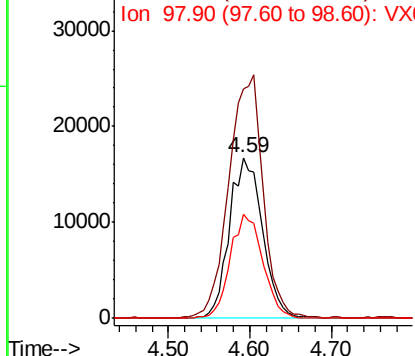
cis-1,2-Dichloroethene
Concen: 19.407 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 46972
Ion Ratio Lower Upper
96 100
61 155.1 0.0 304.6
98 63.5 0.0 127.4



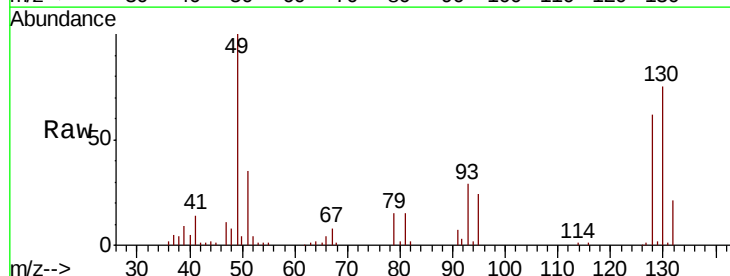
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



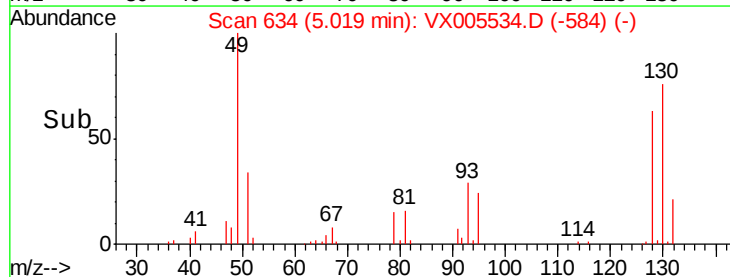
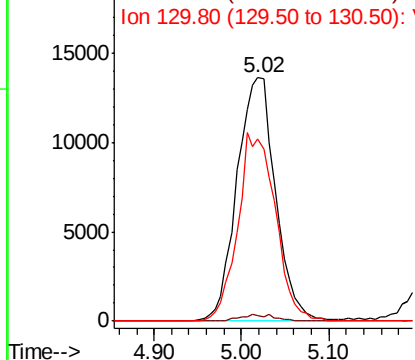
#28

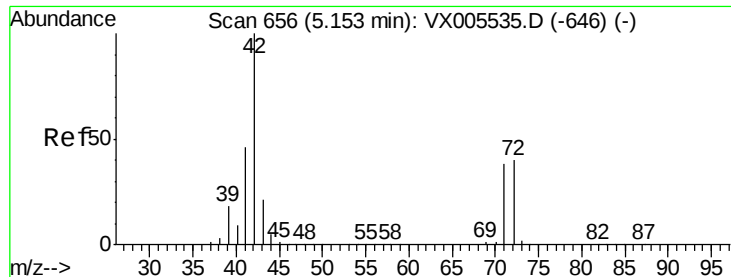
Bromochloromethane
Concen: 19.852 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 49 Resp: 41836
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 75.4 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

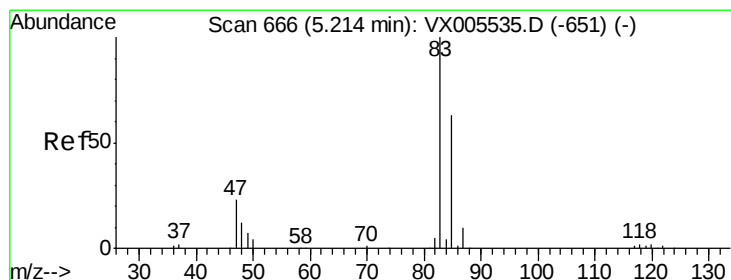
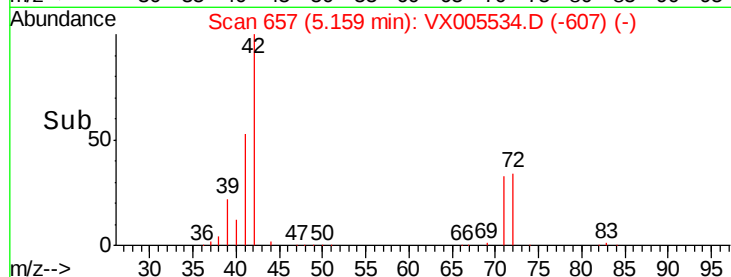
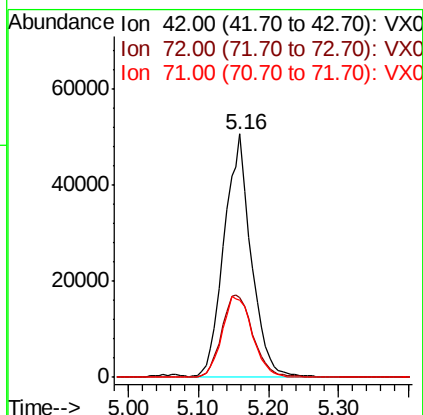
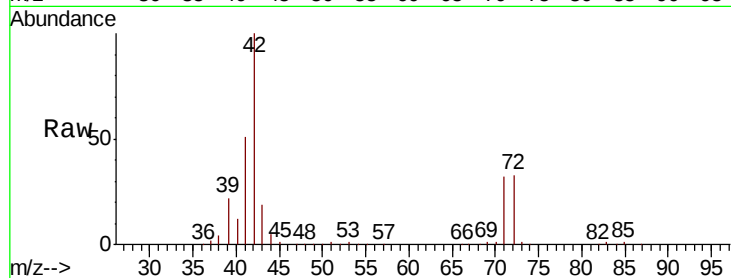




#29
Tetrahydrofuran
Concen: 96.238 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

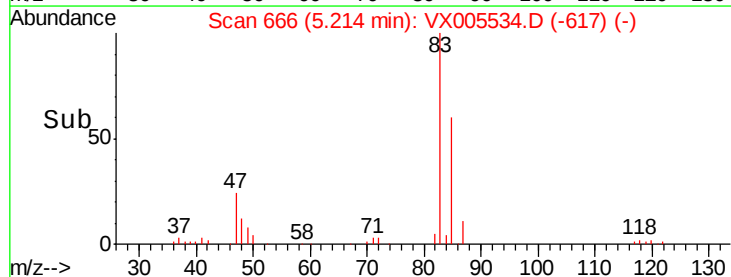
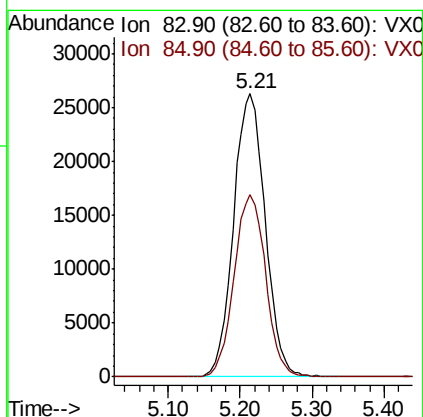
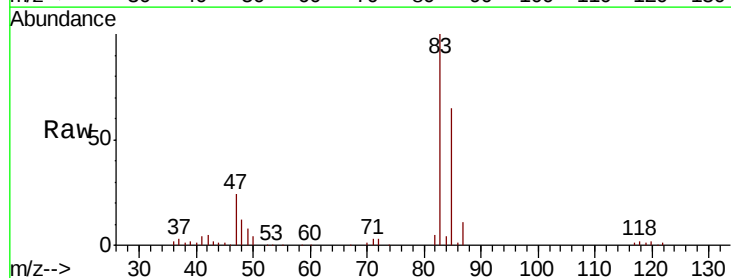
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

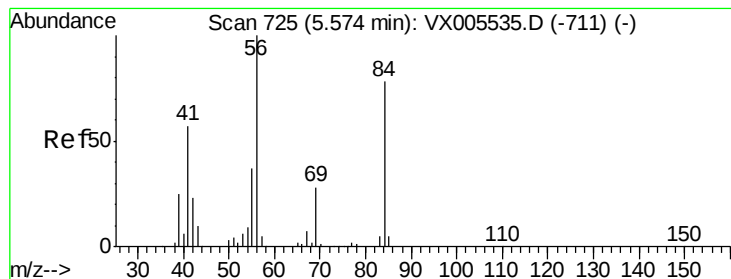
Tgt Ion: 42 Resp: 134758
Ion Ratio Lower Upper
42 100
72 39.6 32.0 48.0
71 37.6 29.8 44.8



#30
Chloroform
Concen: 19.673 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 83 Resp: 80178
Ion Ratio Lower Upper
83 100
85 64.5 50.6 76.0





#31

Cyclohexane

Concen: 20.136 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

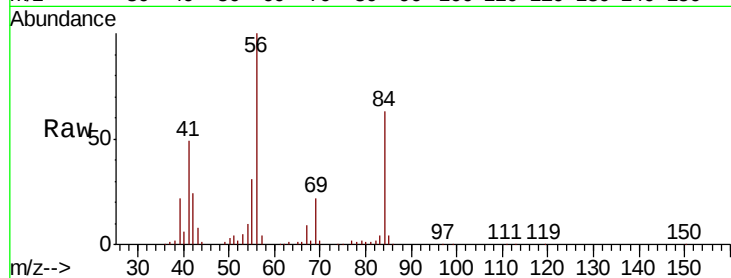
Tgt Ion: 56 Resp: 72591

Ion Ratio Lower Upper

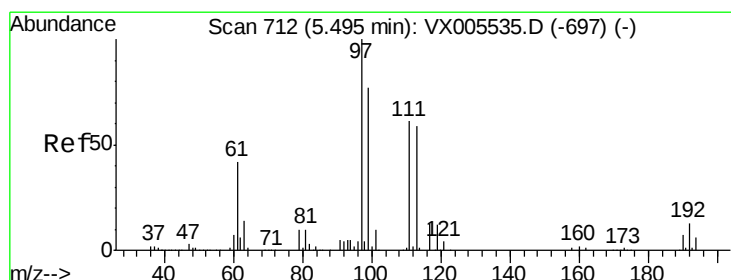
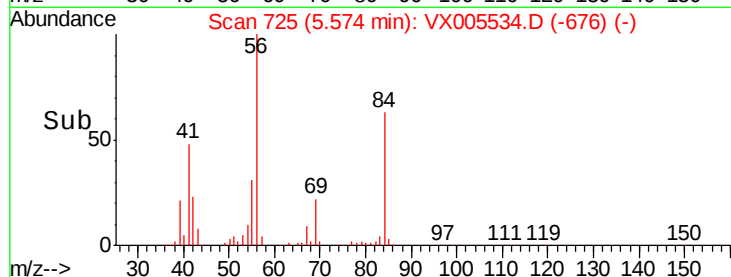
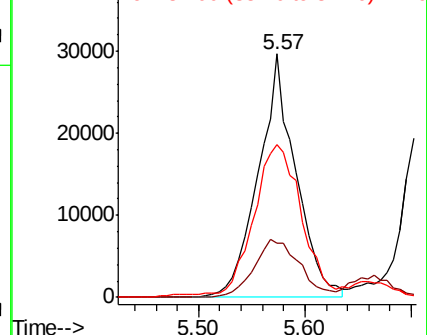
56 100

69 22.4 22.6 34.0#

84 61.4 62.7 94.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.246 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

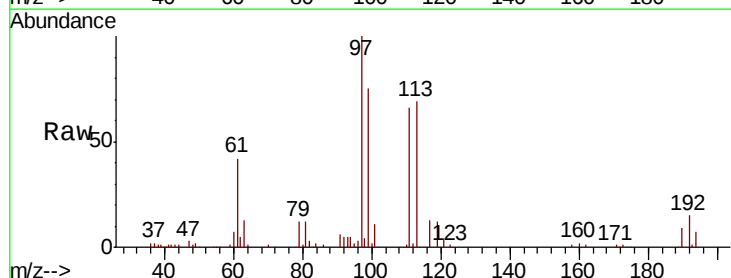
Tgt Ion: 97 Resp: 69232

Ion Ratio Lower Upper

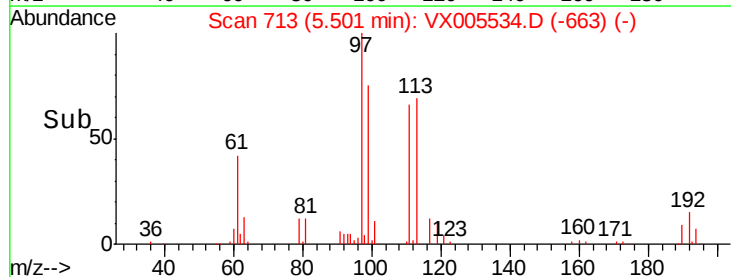
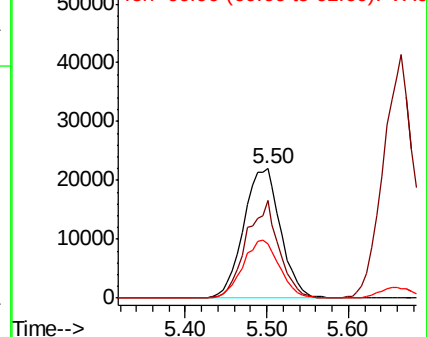
97 100

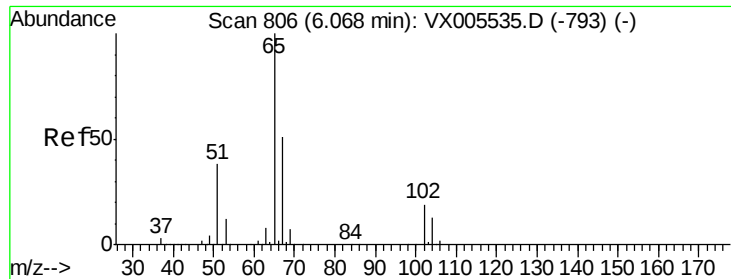
99 66.4 52.3 78.5

61 44.6 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

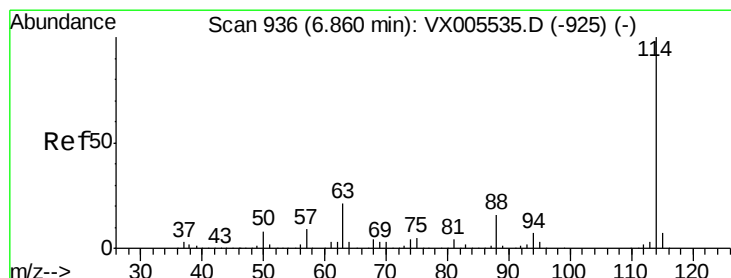
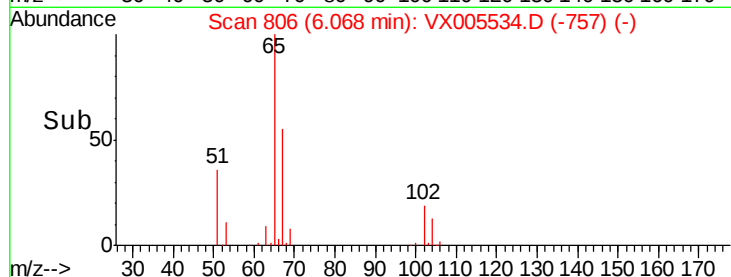
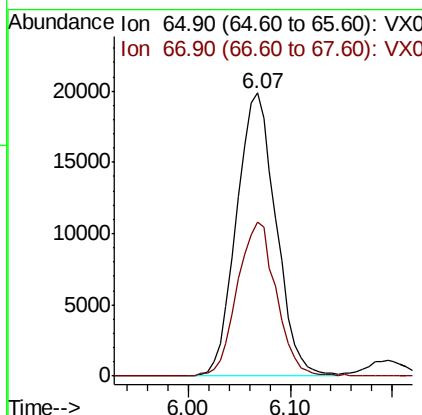
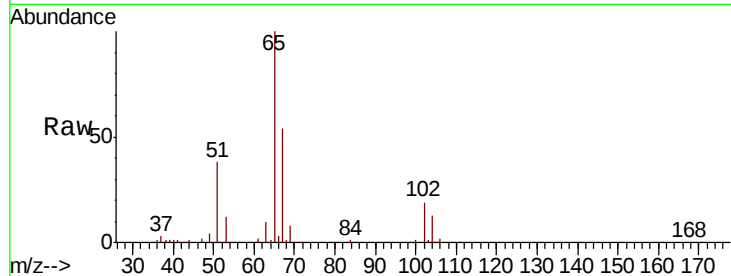




#33
 1,2-Dichloroethane-d4
 Concen: 19.950 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

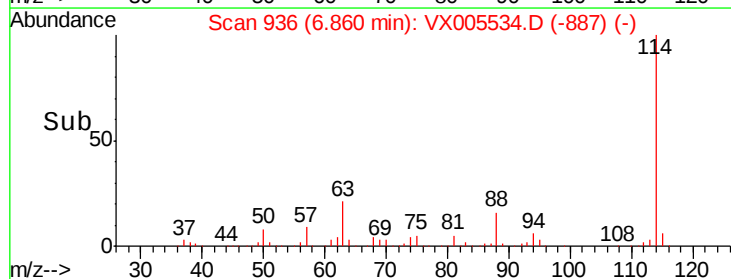
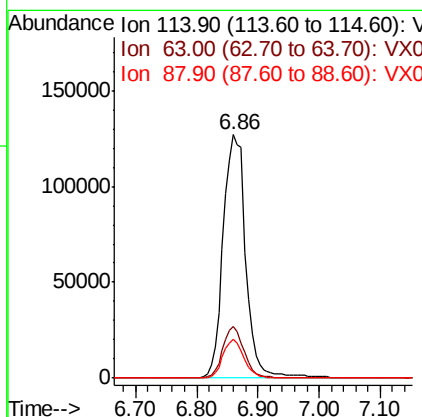
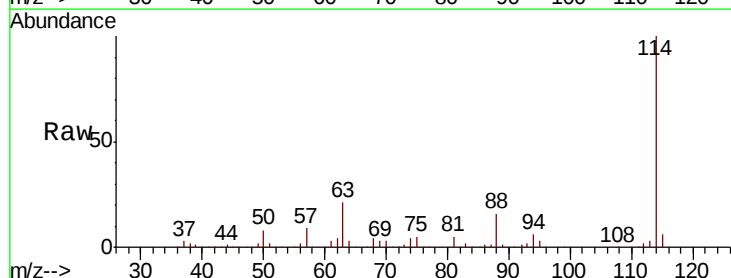
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

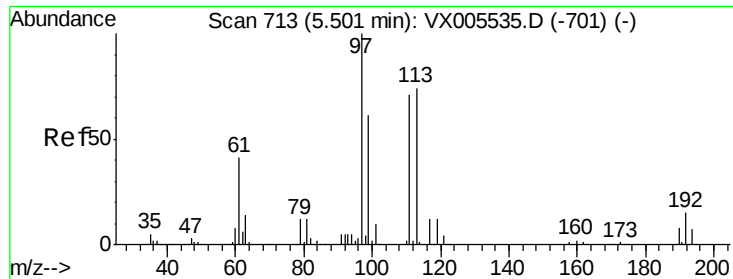
Tgt Ion: 65 Resp: 53347
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion: 114 Resp: 325115
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 19.101 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

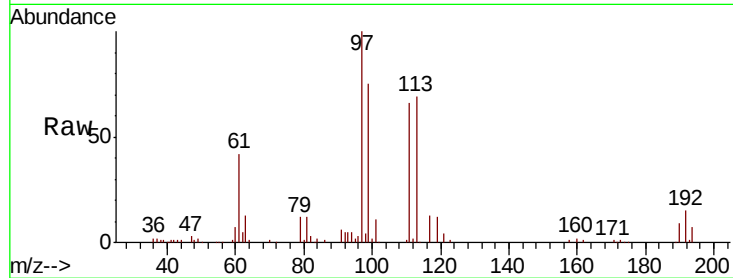
Tgt Ion:113 Resp: 42048

Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

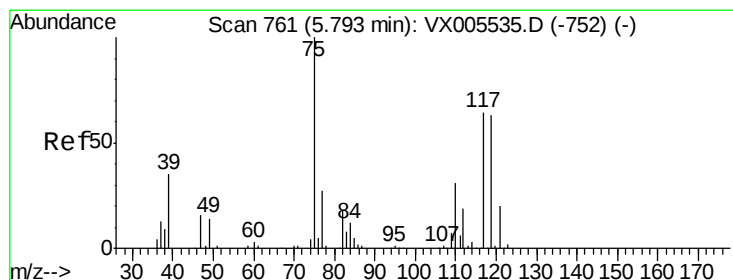
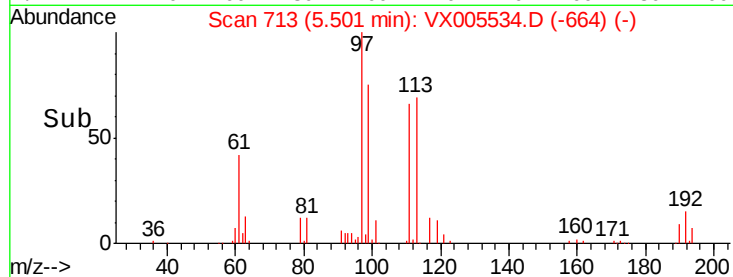
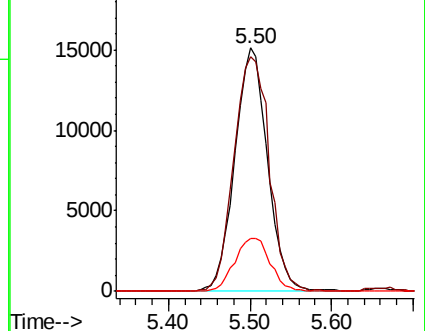
192 23.5 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.893 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

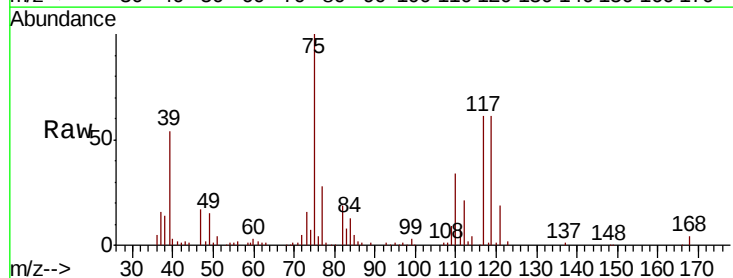
Tgt Ion: 75 Resp: 59609

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

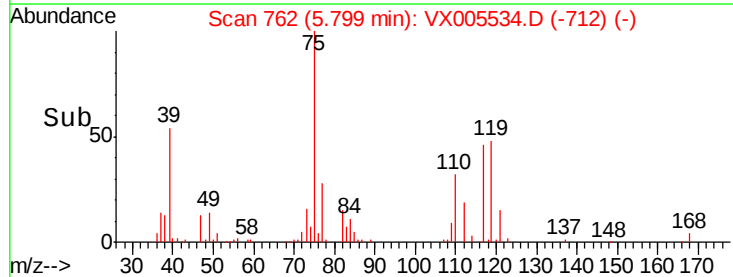
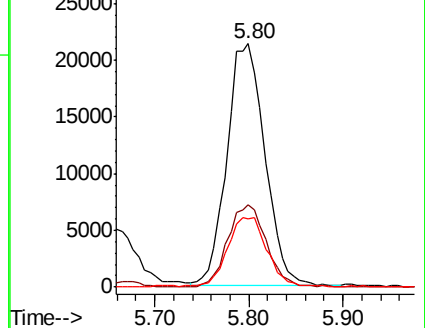
77 30.3 25.8 38.6

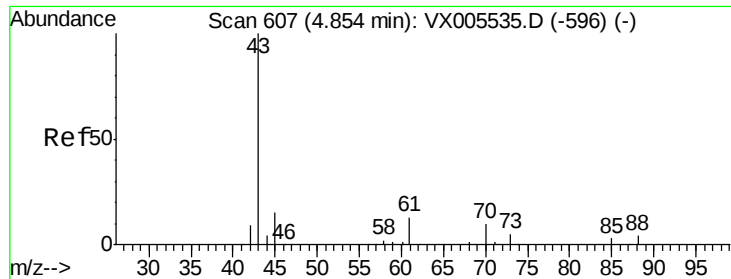


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

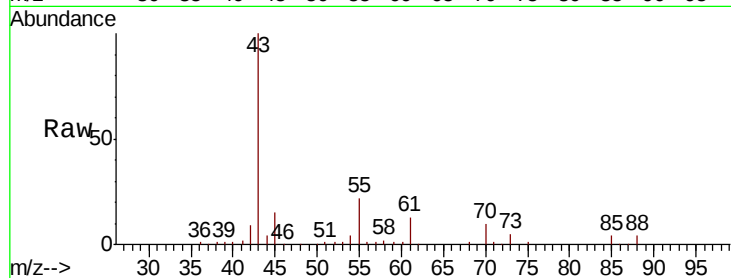




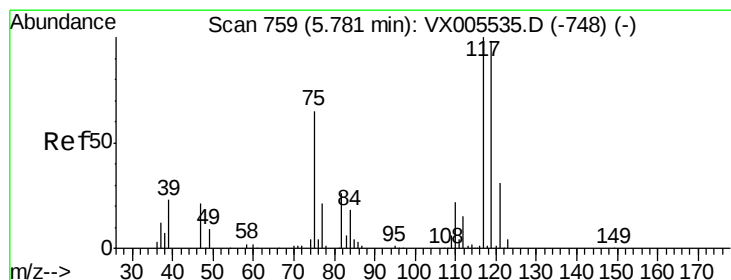
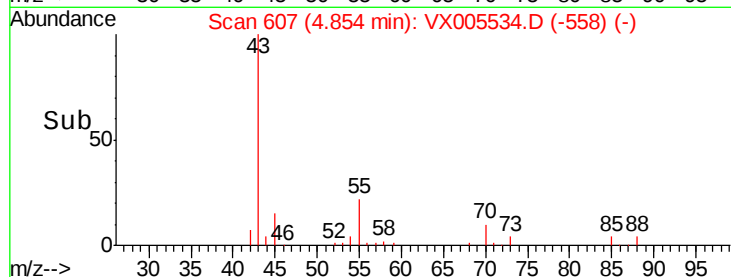
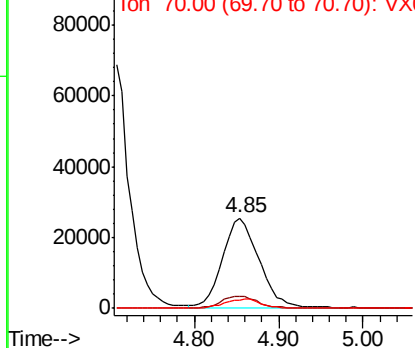
#37
Ethyl Acetate
Concen: 18.502 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 74493
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 10.5 7.8 11.8

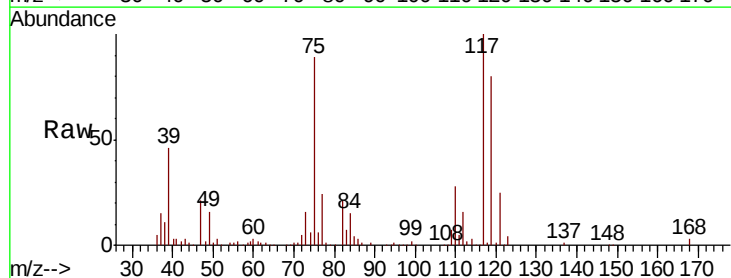


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

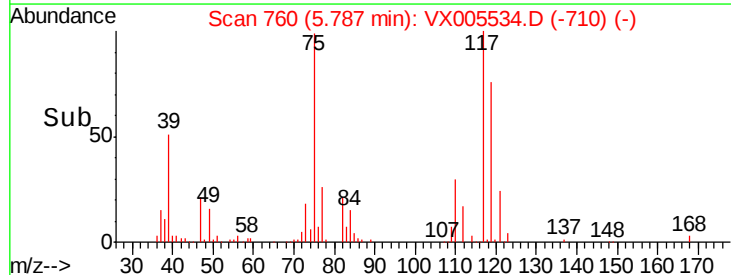
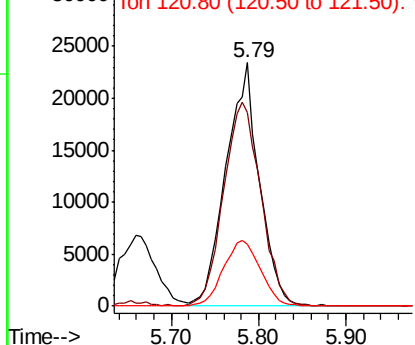


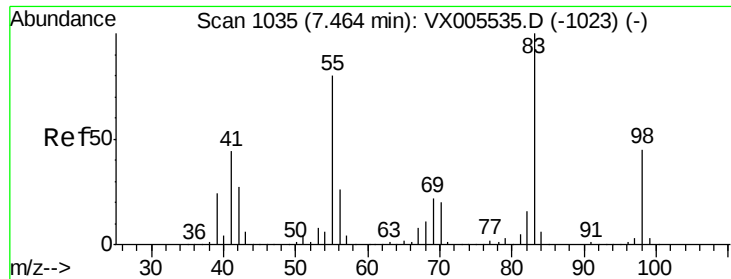
#38
Carbon Tetrachloride
Concen: 18.707 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 117 Resp: 62165
Ion Ratio Lower Upper
117 100
119 79.7 78.1 117.1
121 25.3 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

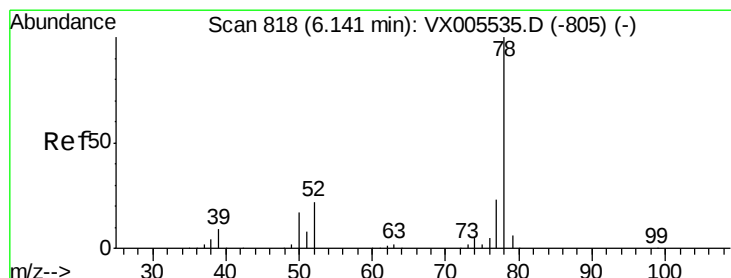
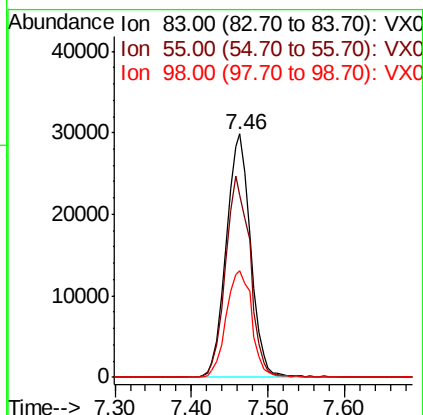
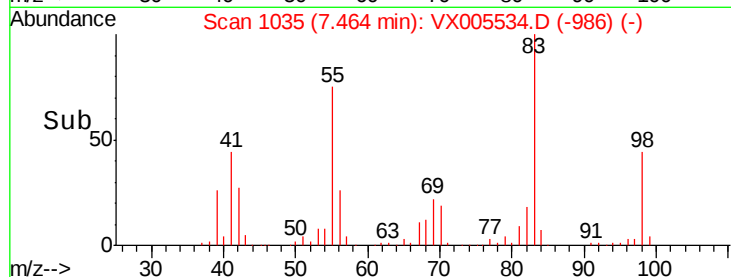
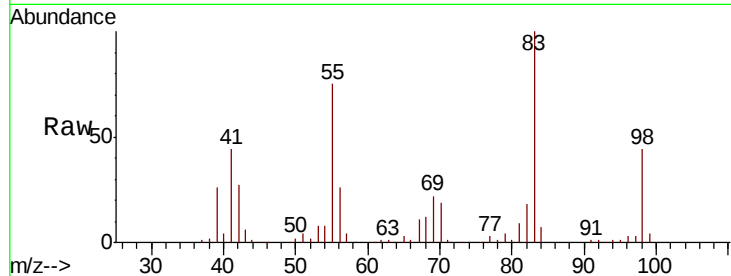




#39
Methylcyclohexane
Concen: 18.892 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

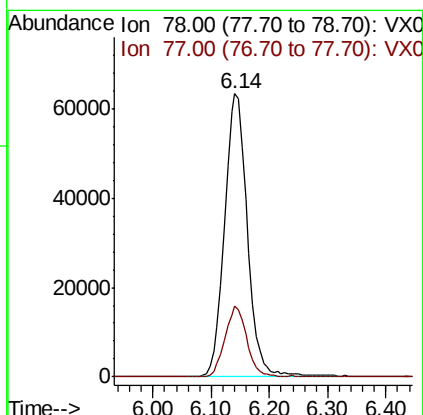
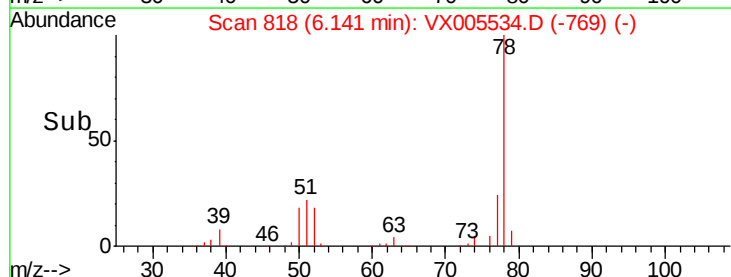
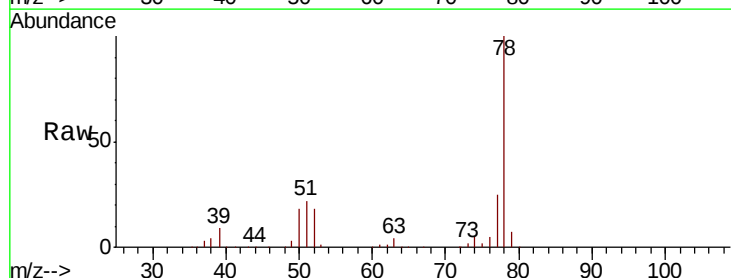
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

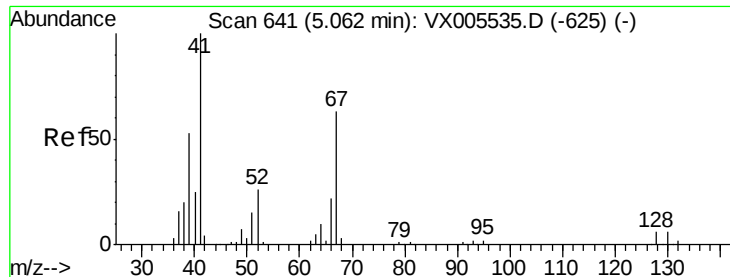
Tgt Ion: 83 Resp: 65820
Ion Ratio Lower Upper
83 100
55 74.7 63.7 95.5
98 44.1 36.2 54.2



#40
Benzene
Concen: 19.153 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 78 Resp: 173226
Ion Ratio Lower Upper
78 100
77 25.2 18.4 27.6

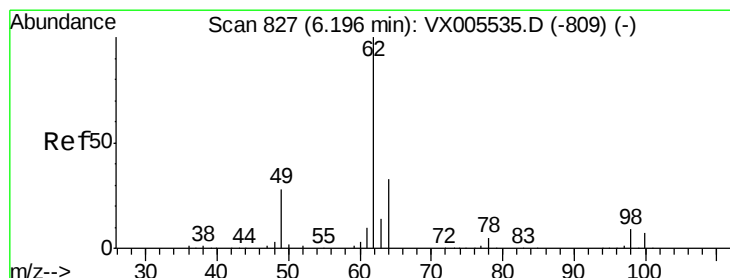
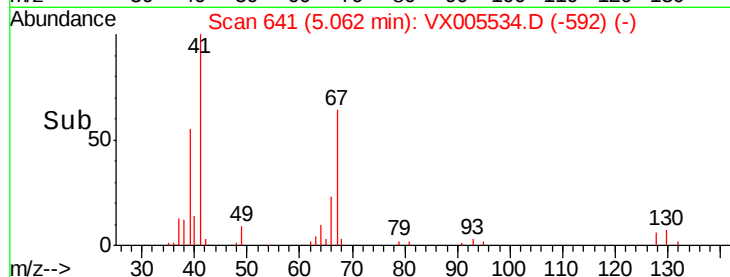
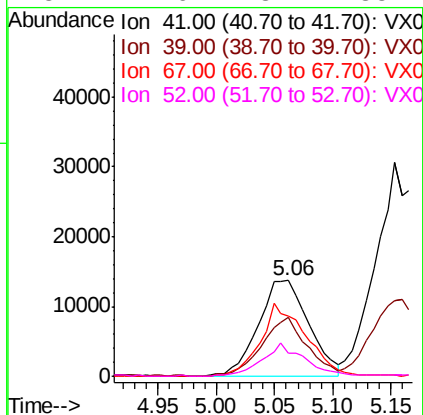
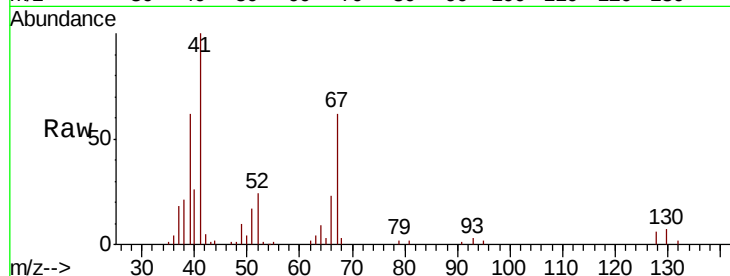




#41
Methacrylonitrile
Concen: 18.437 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

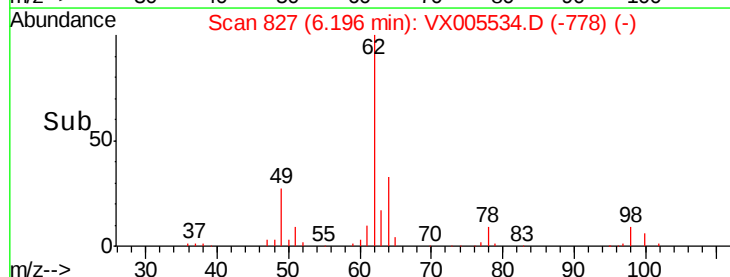
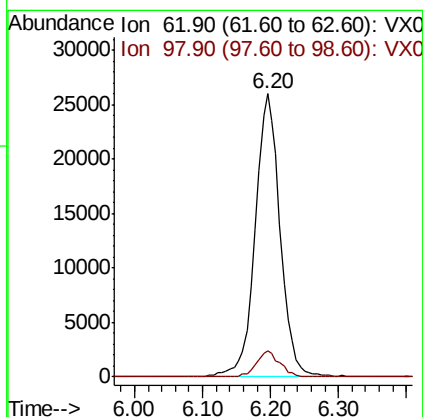
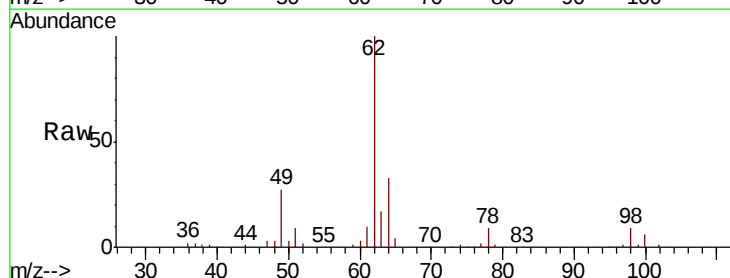
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

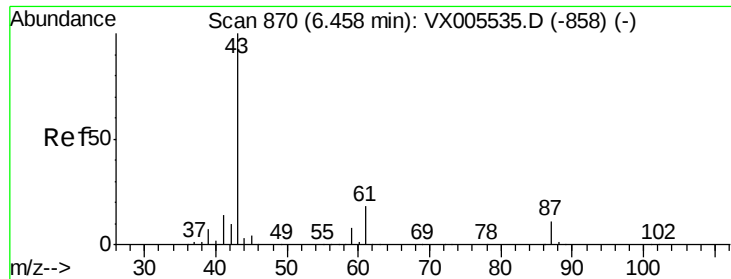
Tgt Ion:	41	Resp:	41348
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	68.8	53.4	80.0
52	27.6	23.4	35.2



#42
1,2-Dichloroethane
Concen: 19.376 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion:	62	Resp:	66575
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.441 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

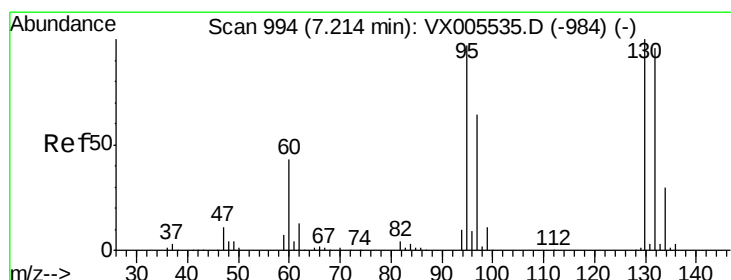
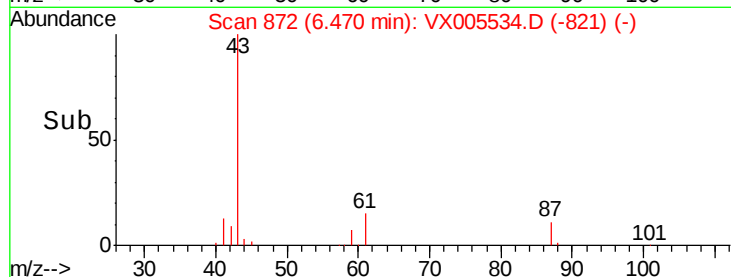
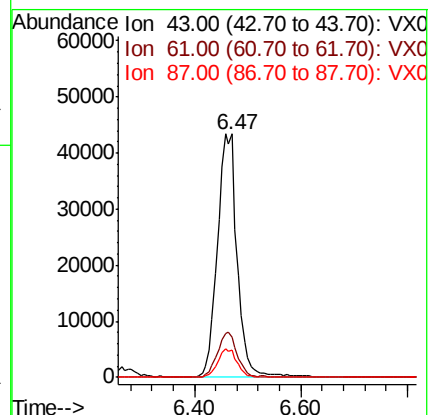
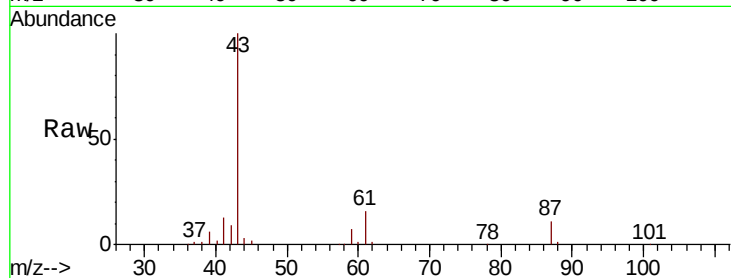
Tgt Ion: 43 Resp: 111260

Ion Ratio Lower Upper

43 100

61 18.8 14.6 22.0

87 11.7 9.6 14.4



#44

Trichloroethene

Concen: 19.031 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005534.D

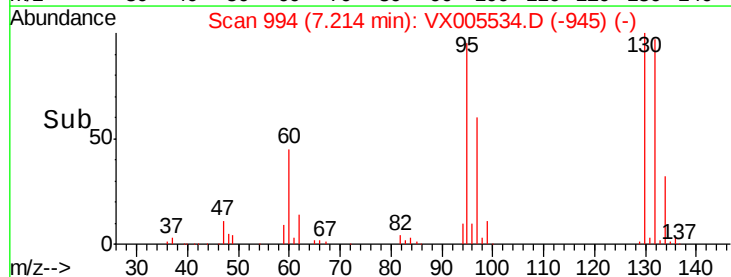
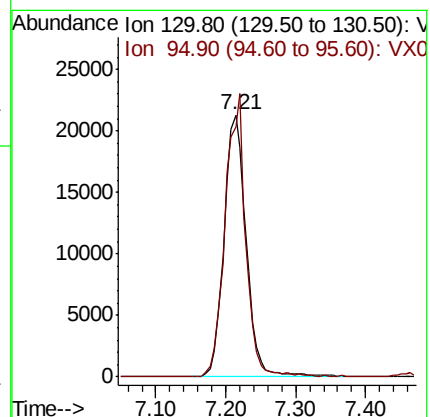
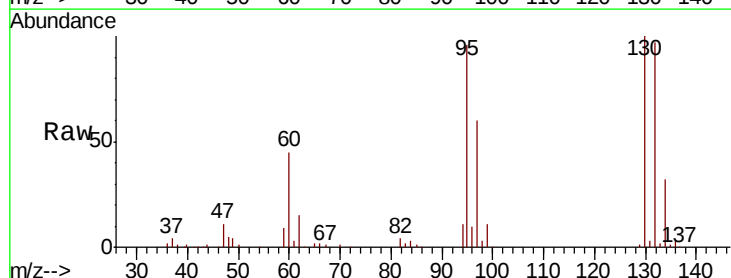
Acq: 24 Oct 2018 11:32

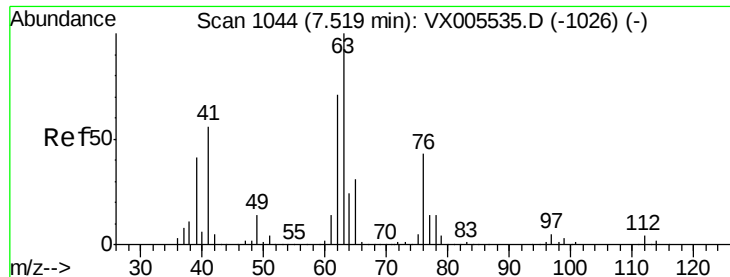
Tgt Ion:130 Resp: 46890

Ion Ratio Lower Upper

130 100

95 95.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 18.870 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

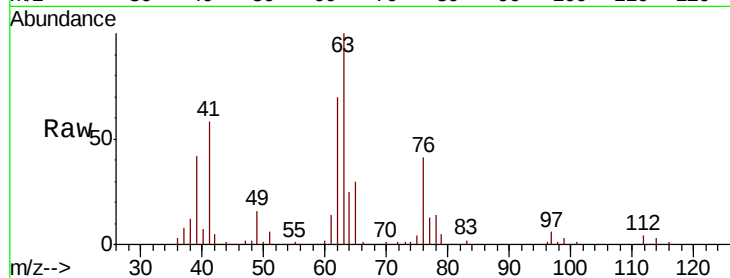
VSTDIC020

Tgt Ion: 63 Resp: 45884

Ion Ratio Lower Upper

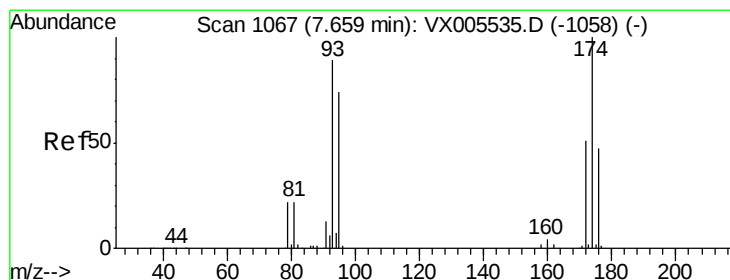
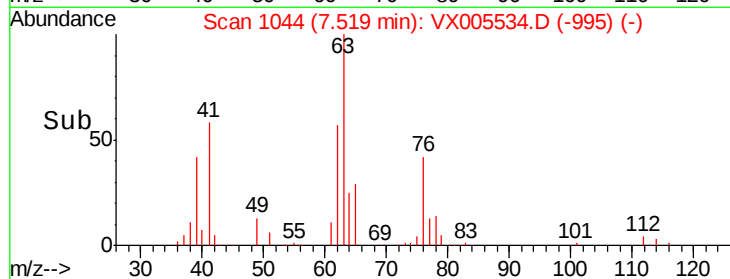
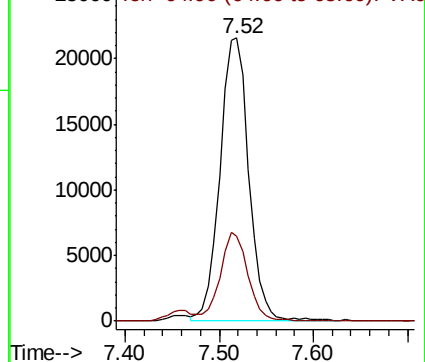
63 100

65 30.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.846 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

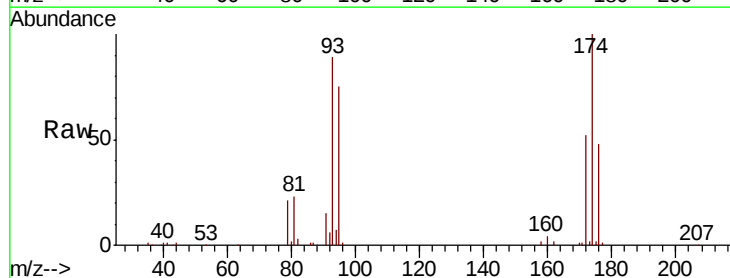
Tgt Ion: 93 Resp: 29598

Ion Ratio Lower Upper

93 100

95 82.3 67.4 101.0

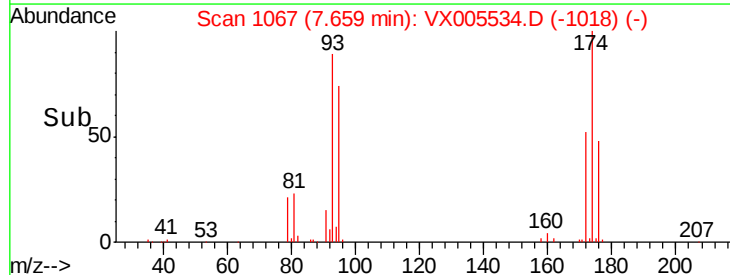
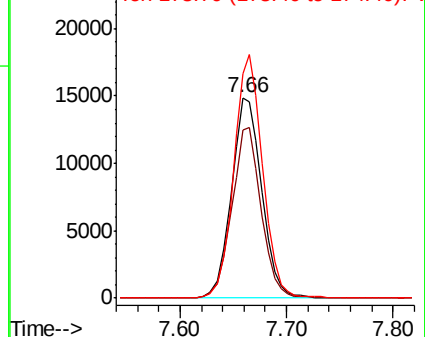
174 115.5 91.5 137.3

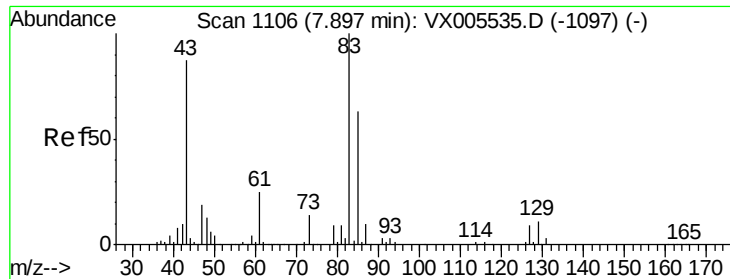


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.747 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

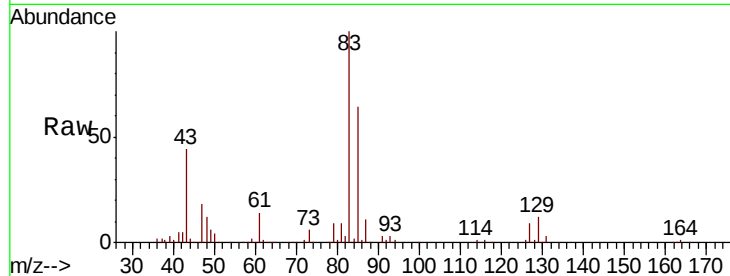
Tgt Ion: 83 Resp: 57143

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

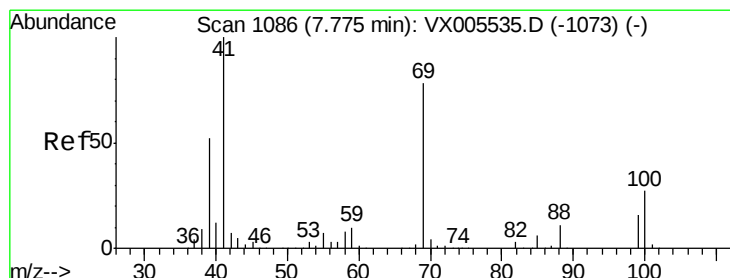
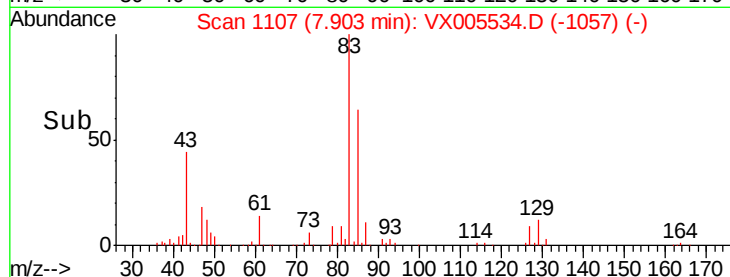
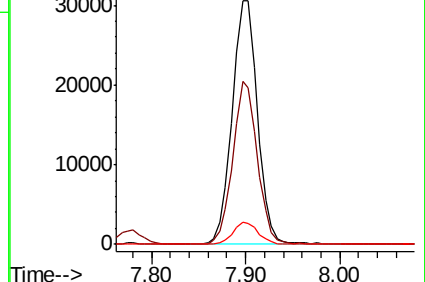
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.593 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

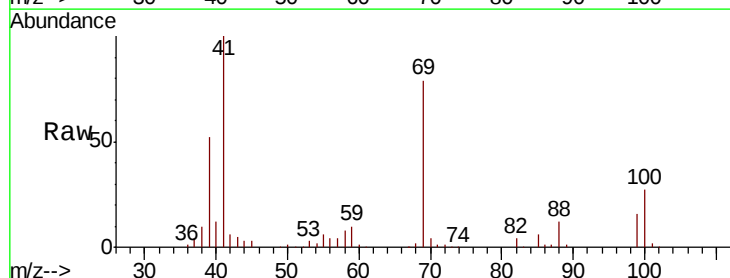
Tgt Ion: 41 Resp: 54648

Ion Ratio Lower Upper

41 100

69 80.9 63.2 94.8

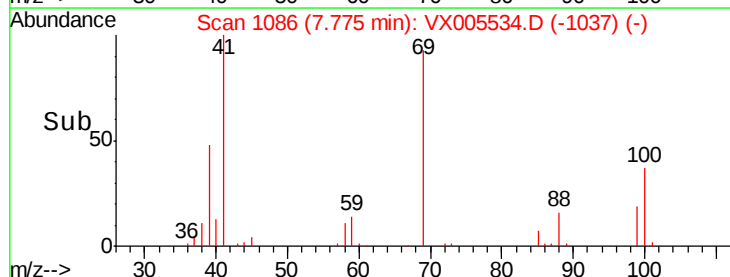
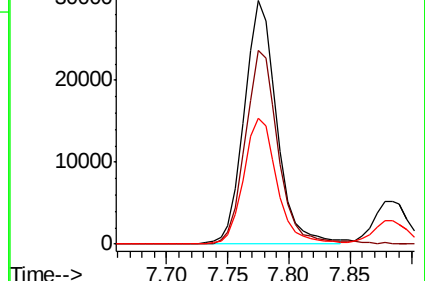
39 53.8 42.2 63.2

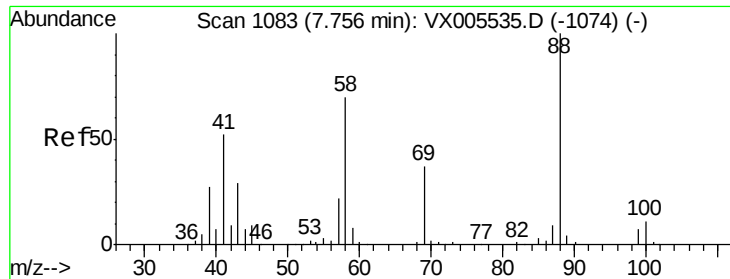


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

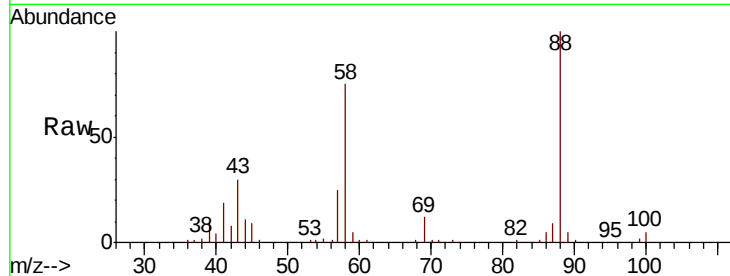




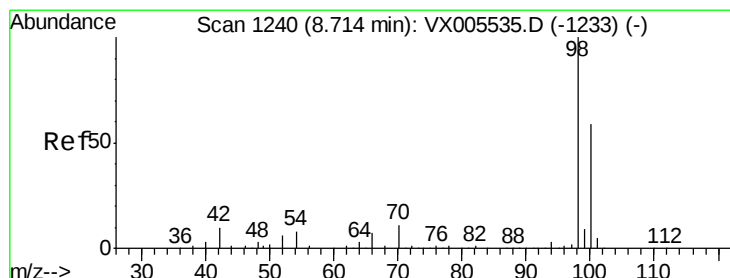
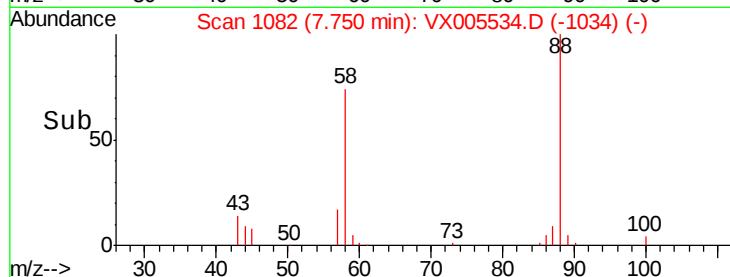
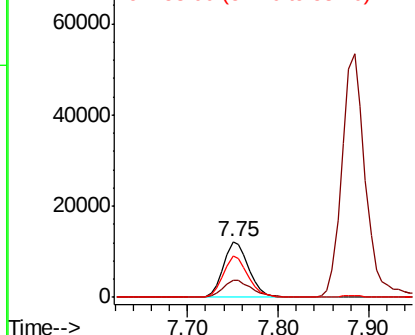
#49
1,4-Dioxane
Concen: 371.908 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 23888
Ion Ratio Lower Upper
88 100
43 35.7 27.4 41.0
58 73.3 59.4 89.2

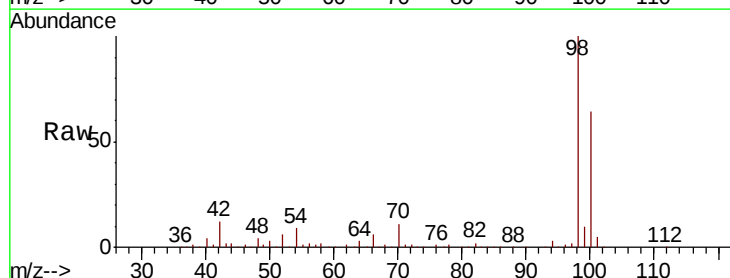


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

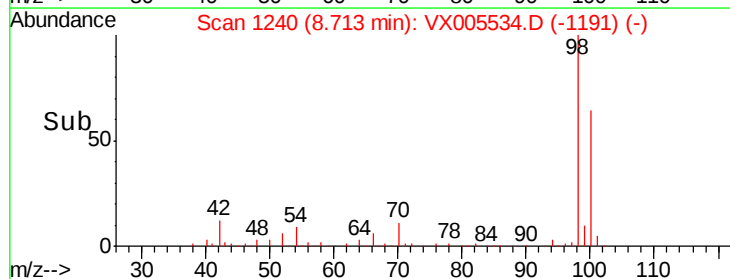
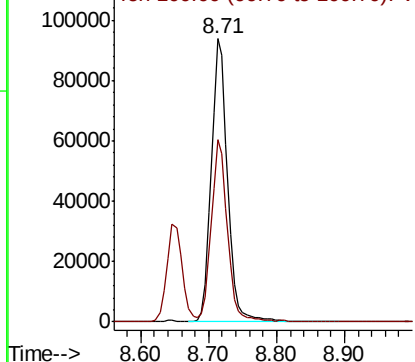


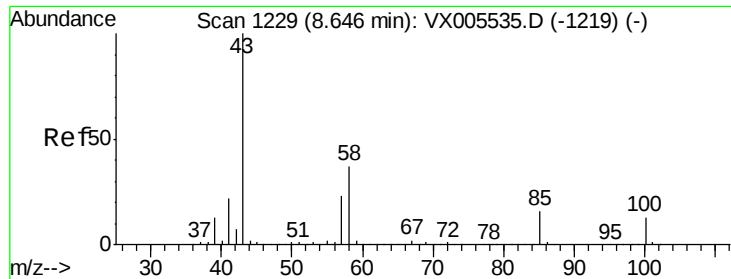
#50
Toluene-d8
Concen: 19.616 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 98 Resp: 155168
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.268 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

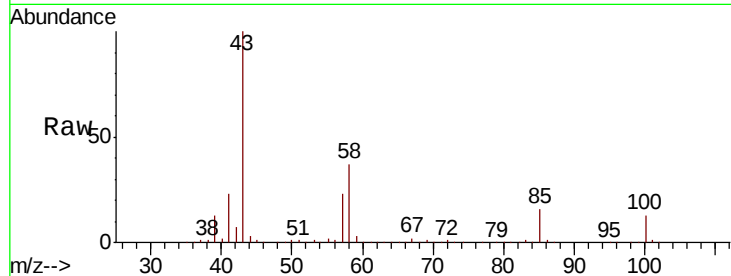
VSTDIC020

Tgt Ion: 43 Resp: 386285

Ion Ratio Lower Upper

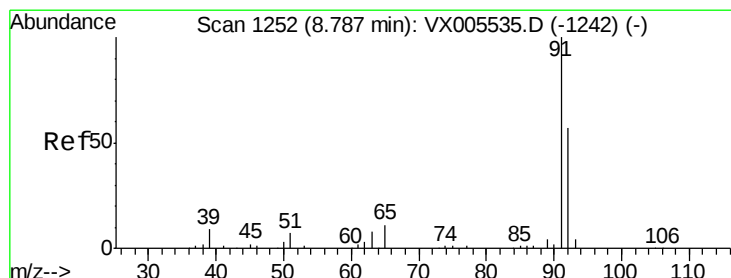
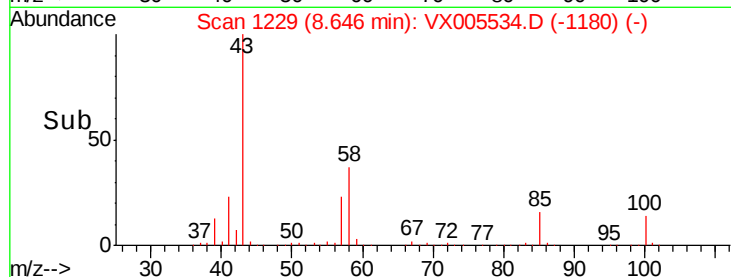
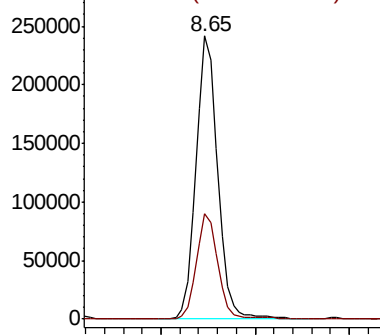
43 100

58 36.5 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.475 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005534.D

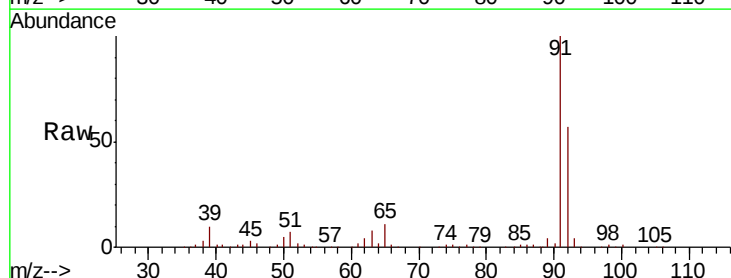
Acq: 24 Oct 2018 11:32

Tgt Ion: 92 Resp: 107050

Ion Ratio Lower Upper

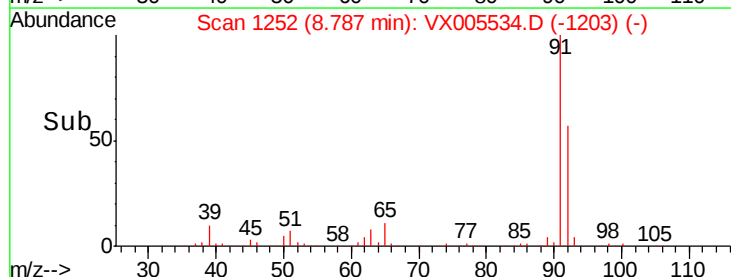
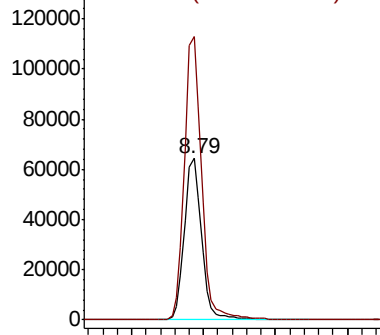
92 100

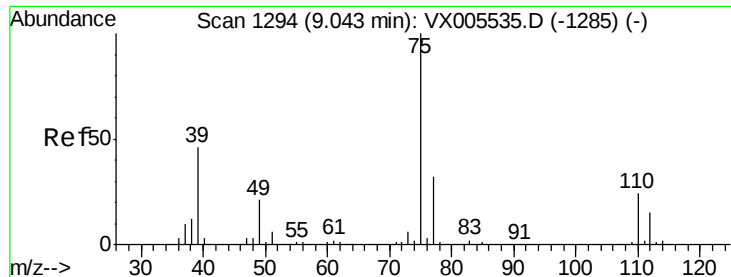
91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.914 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

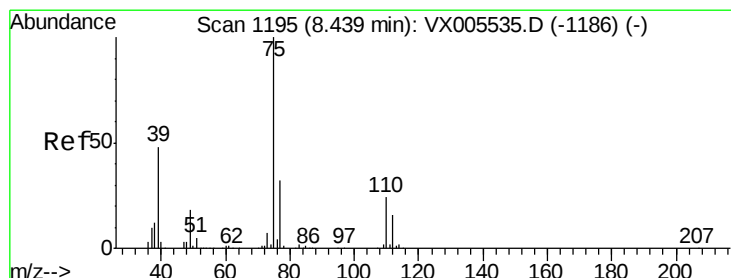
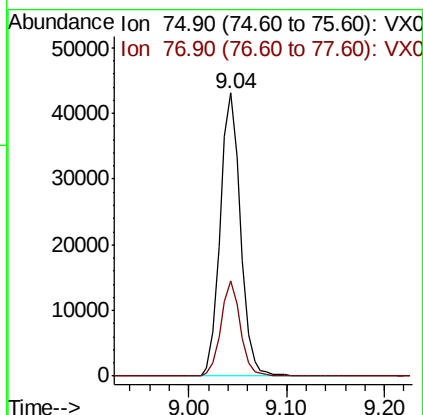
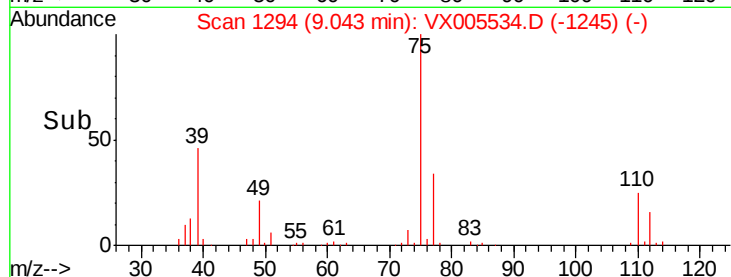
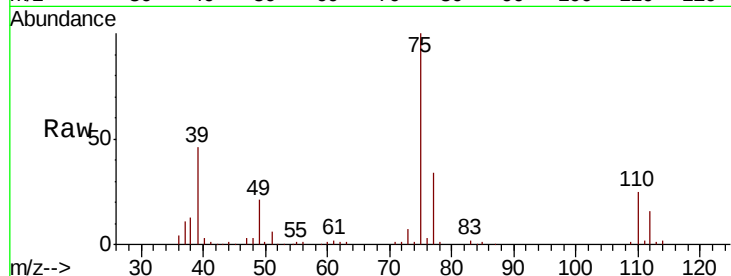
VSTDIC020

Tgt Ion: 75 Resp: 62309

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.471 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

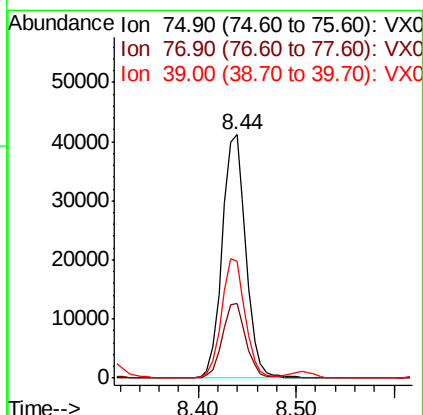
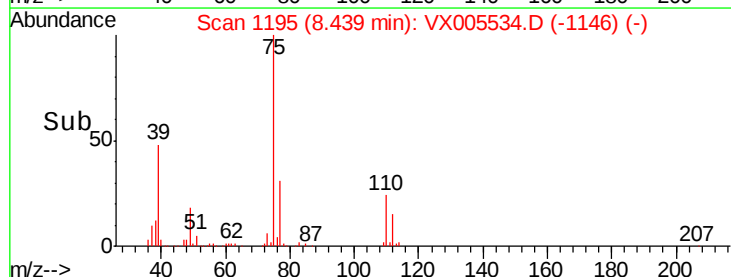
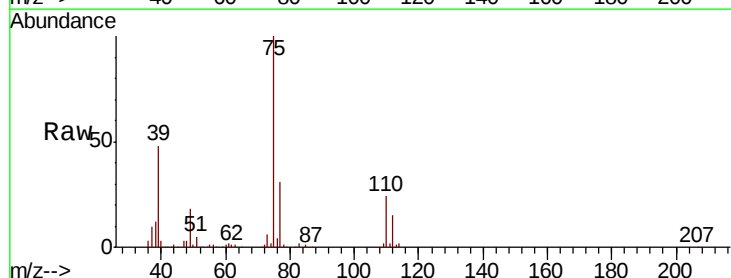
Tgt Ion: 75 Resp: 69060

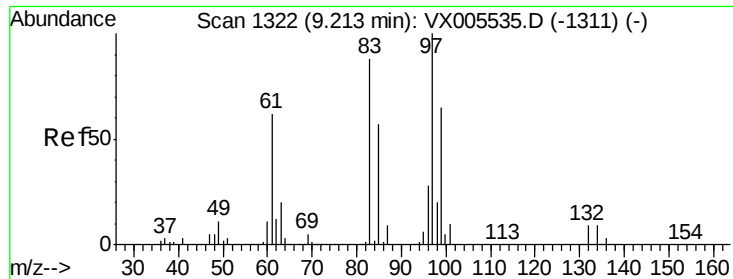
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 47.6 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 19.085 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 44230

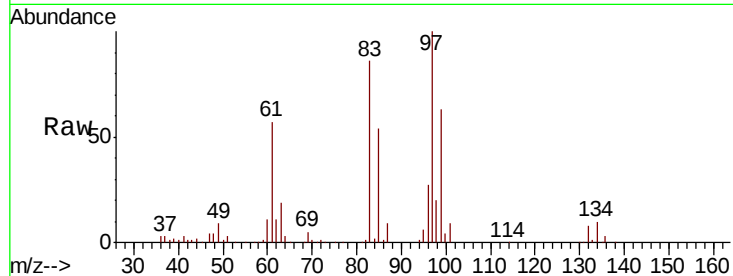
Ion Ratio Lower Upper

97 100

83 85.7 70.7 106.1

85 54.3 45.8 68.6

99 63.0 51.8 77.8

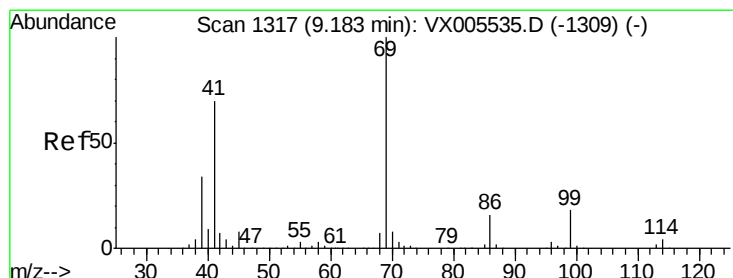
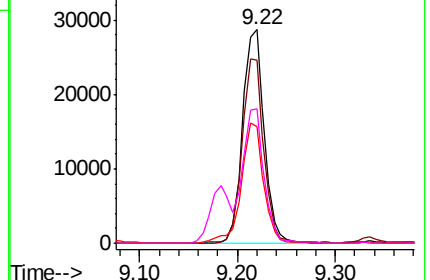
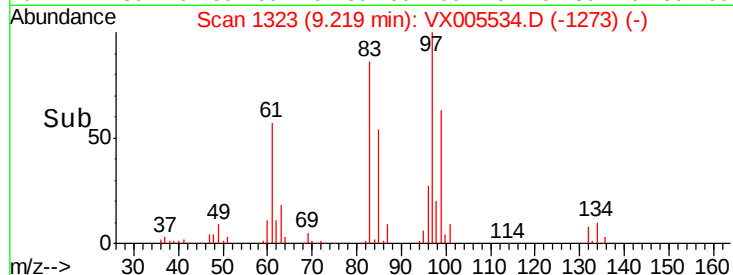


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.476 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

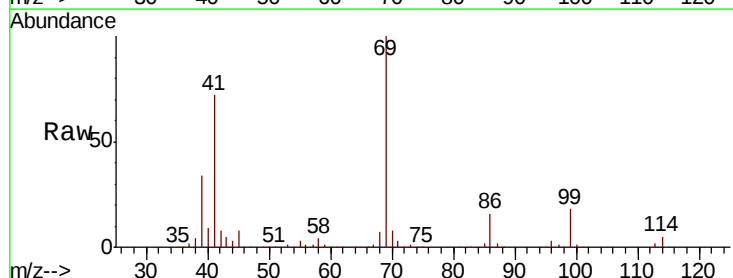
Tgt Ion: 69 Resp: 63865

Ion Ratio Lower Upper

69 100

41 72.9 57.0 85.6

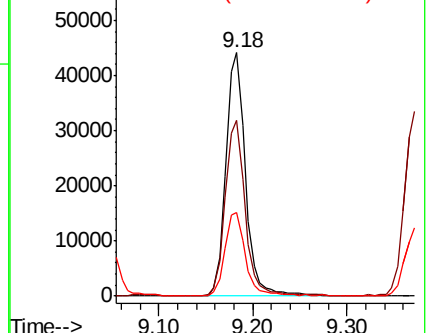
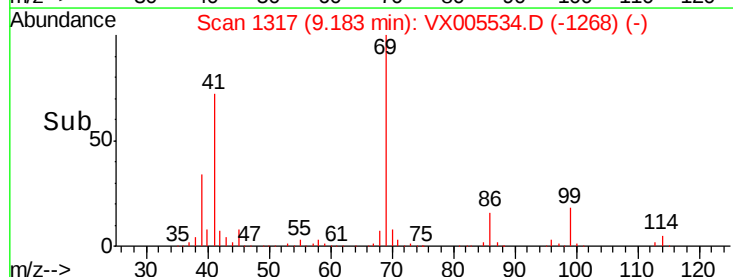
39 35.7 28.3 42.5

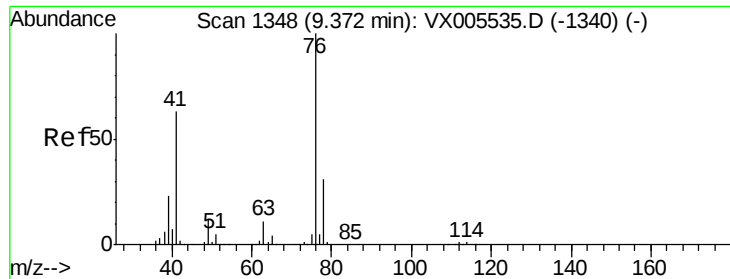


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

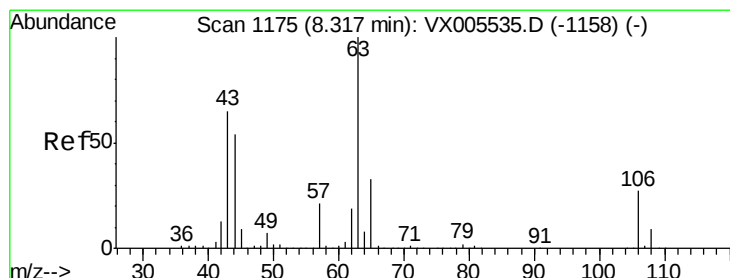
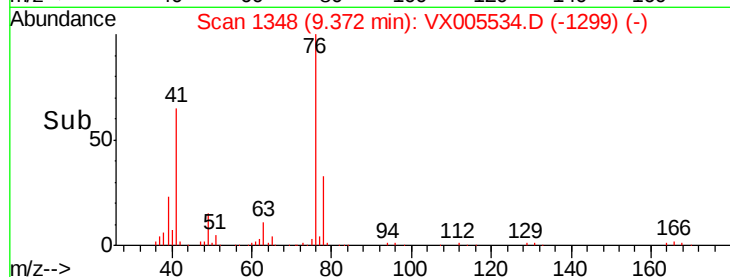
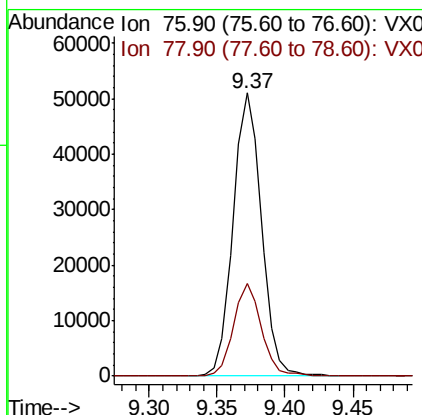
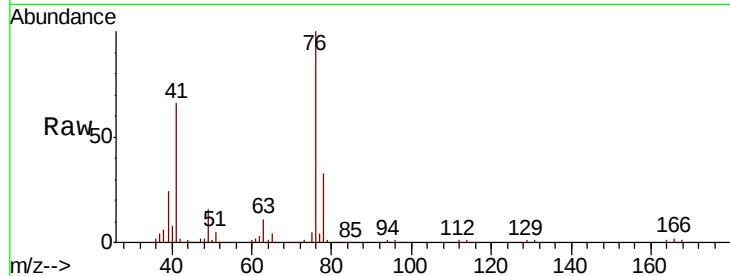




#57
 1,3-Dichloropropane
 Concen: 18.886 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

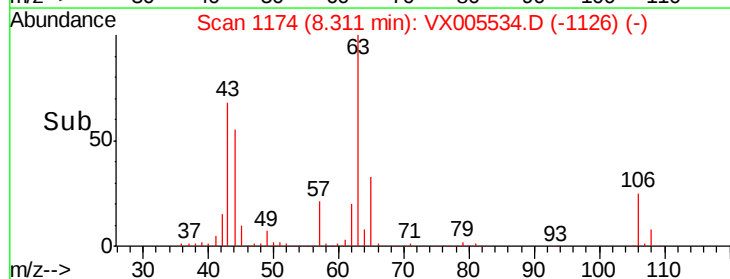
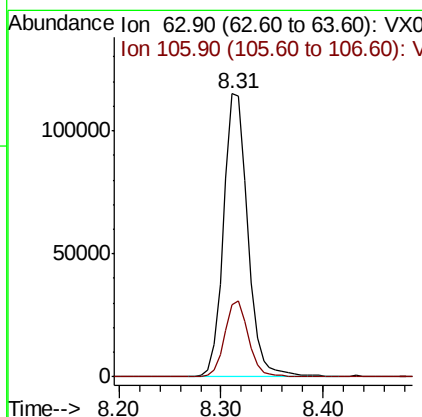
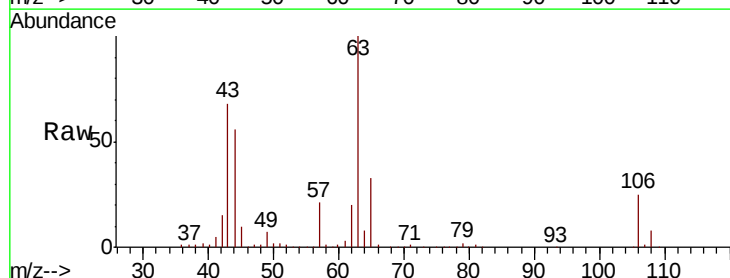
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

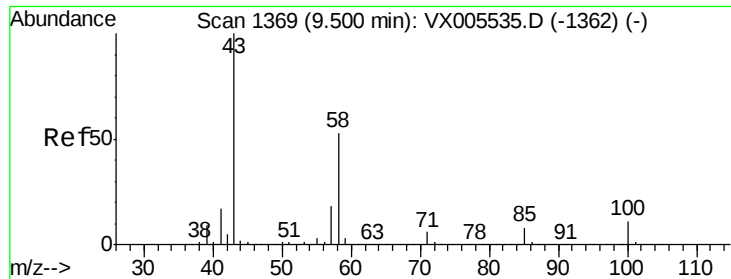
Tgt Ion: 76 Resp: 74058
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.440 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion: 63 Resp: 190048
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9

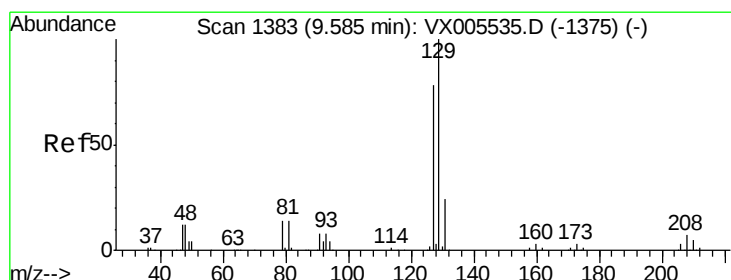
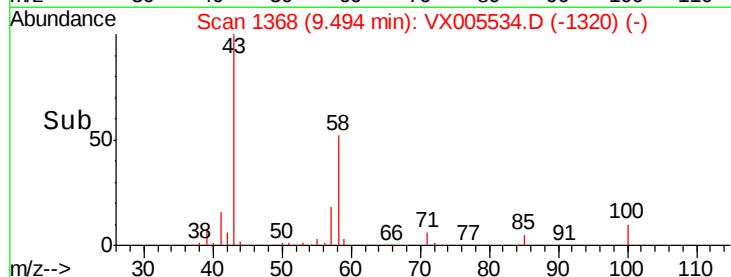
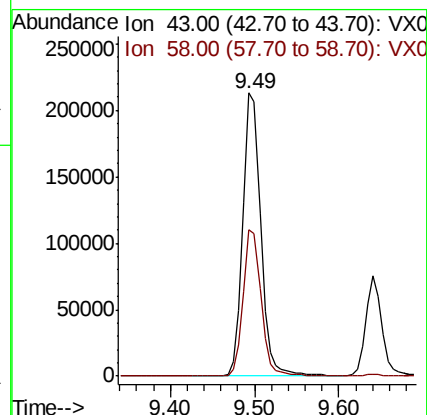
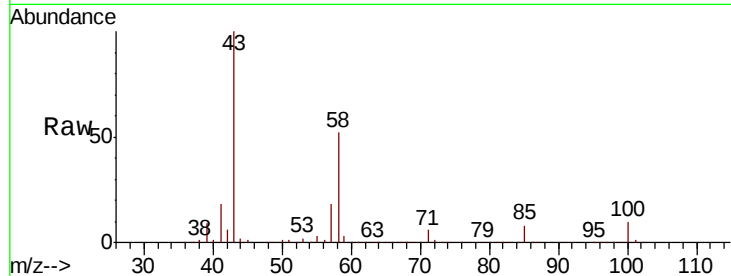




#59
2-Hexanone
Concen: 95.310 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

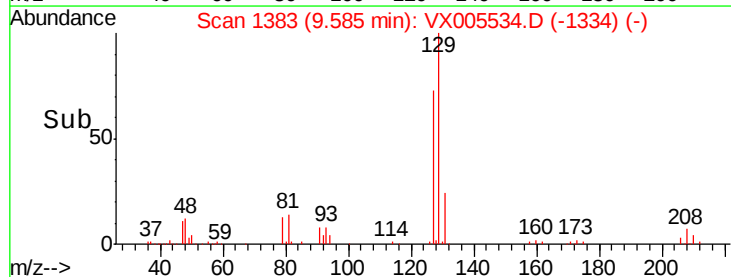
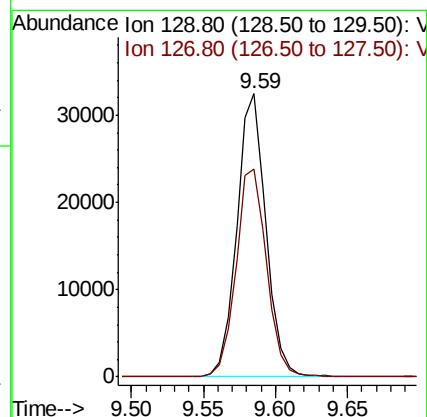
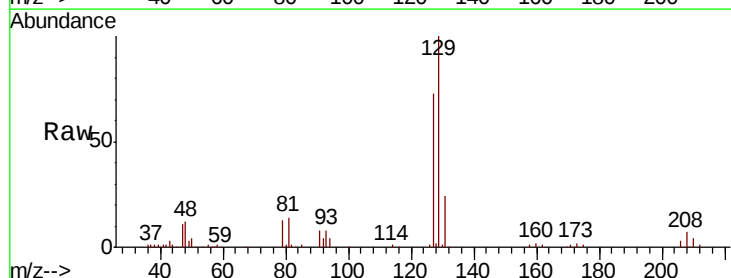
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

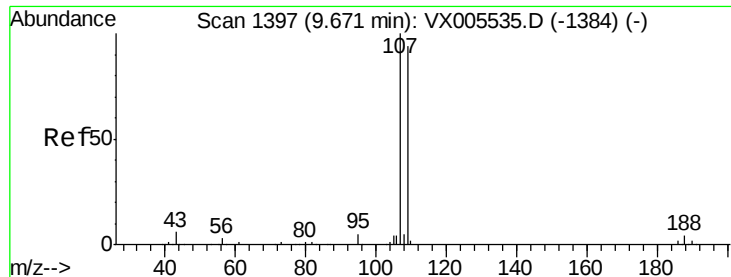
Tgt Ion: 43 Resp: 304702
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 18.880 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 129 Resp: 45649
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.196 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

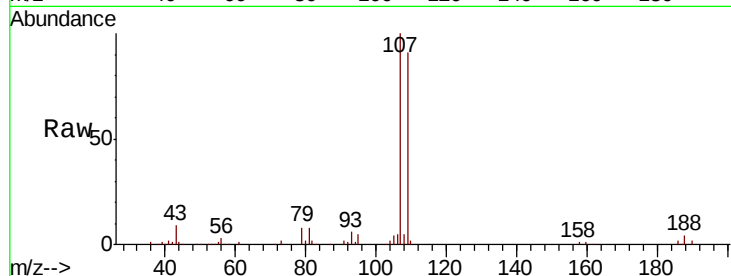
VSTDIC020

Tgt Ion: 107 Resp: 46024

Ion Ratio Lower Upper

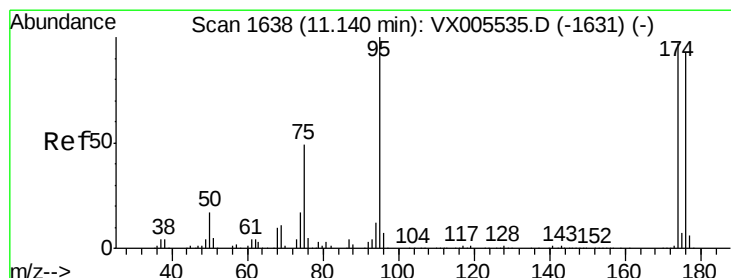
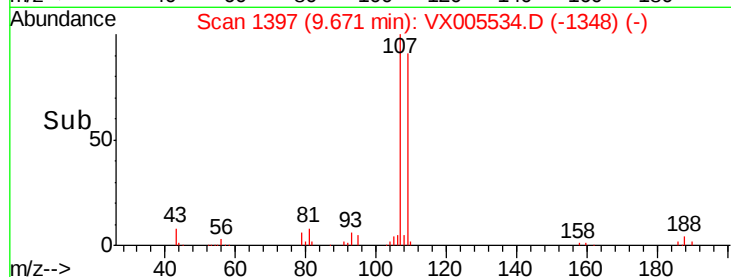
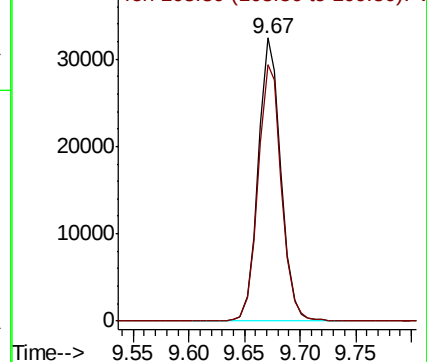
107 100

109 93.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.818 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

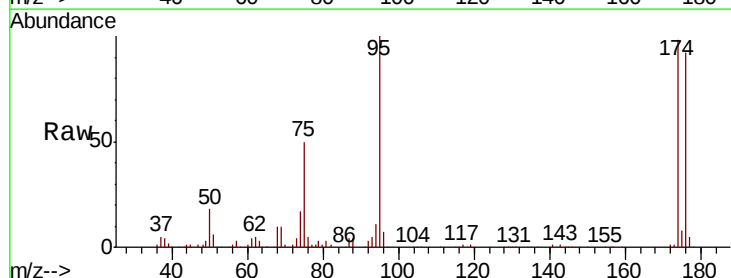
Tgt Ion: 95 Resp: 56213

Ion Ratio Lower Upper

95 100

174 91.6 0.0 184.4

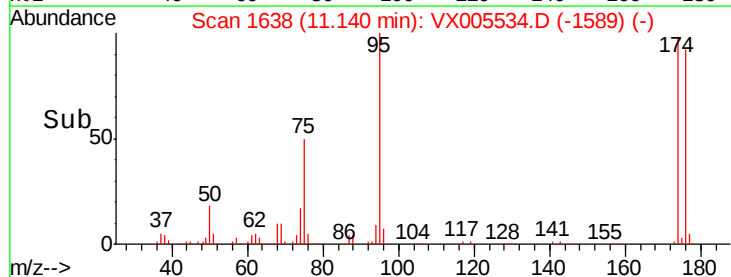
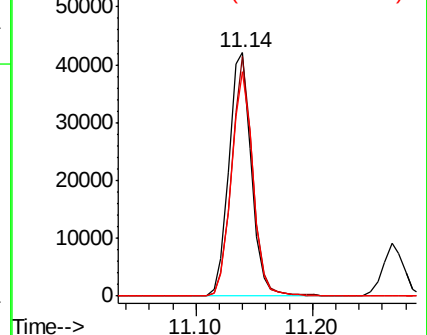
176 88.8 0.0 177.4

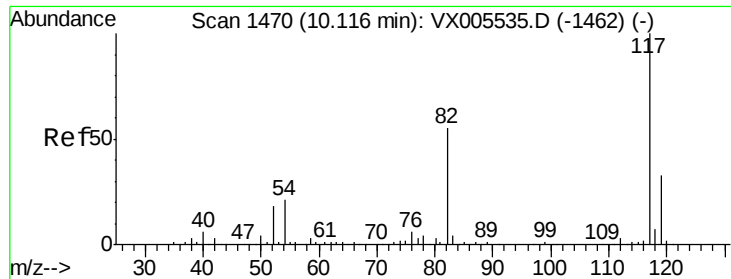


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

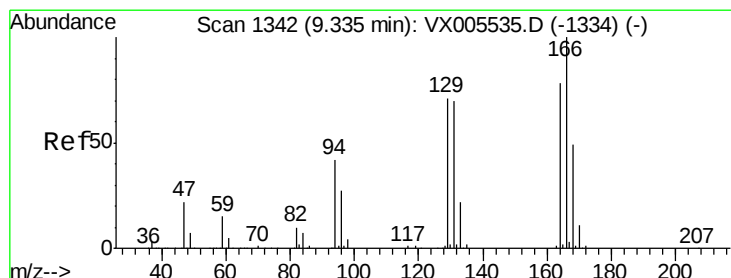
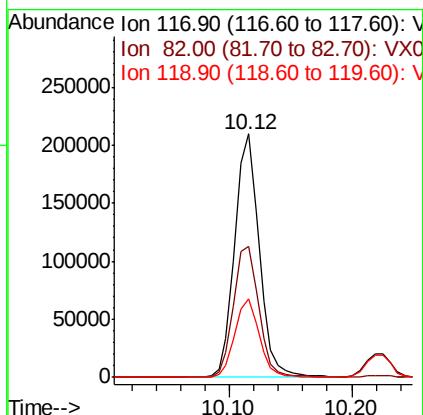
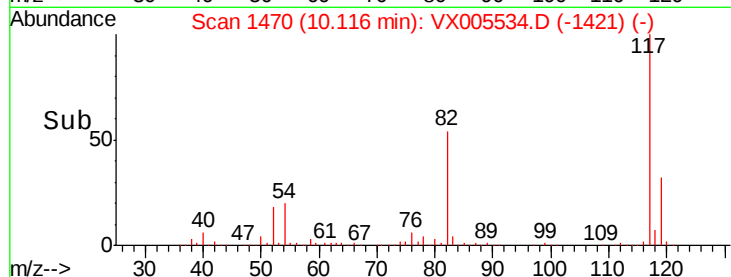
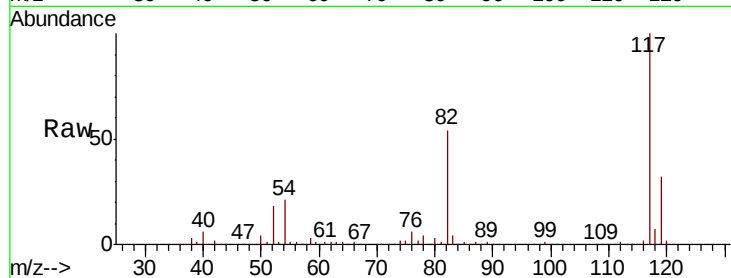




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

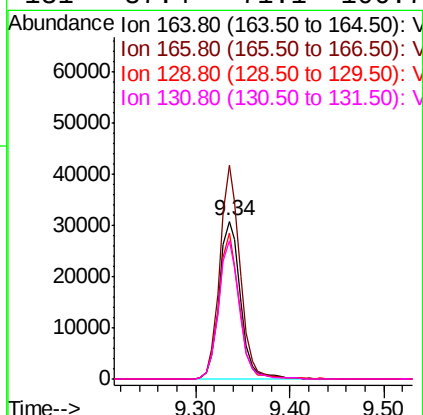
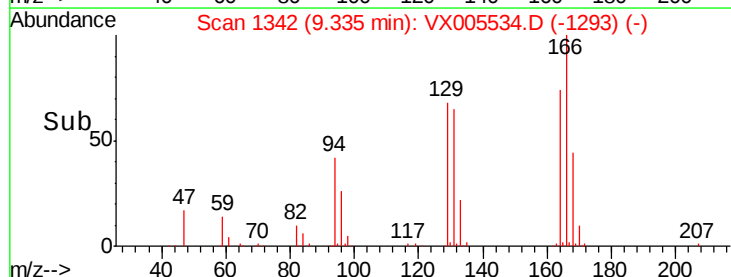
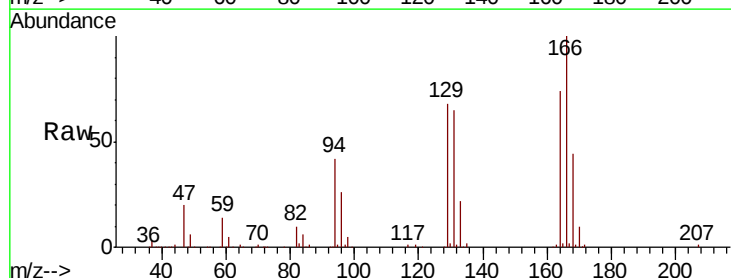
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

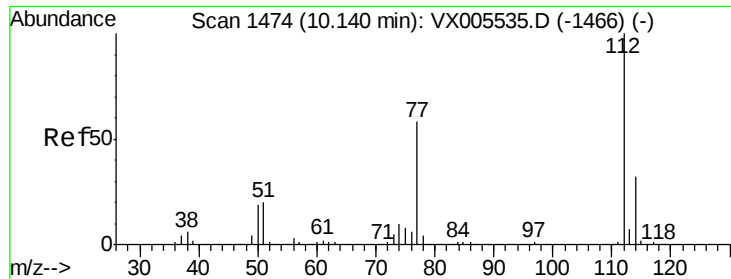
Tgt Ion:117 Resp: 290336
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 19.982 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion:164 Resp: 48161
Ion Ratio Lower Upper
164 100
166 135.3 101.9 152.9
129 92.4 72.6 109.0
131 87.4 71.1 106.7

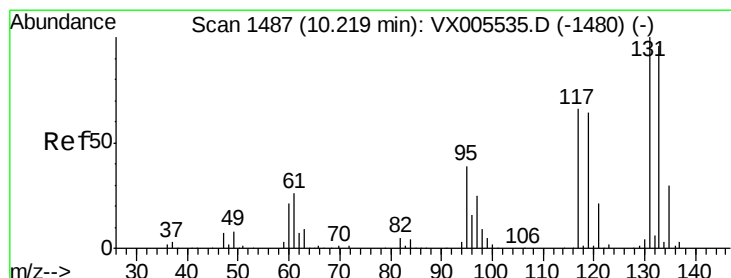
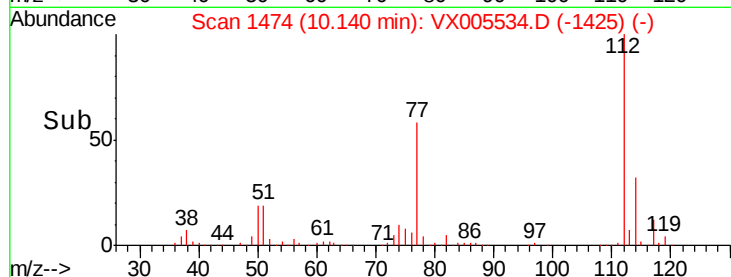
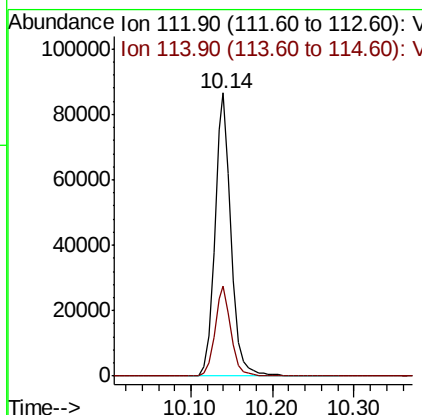
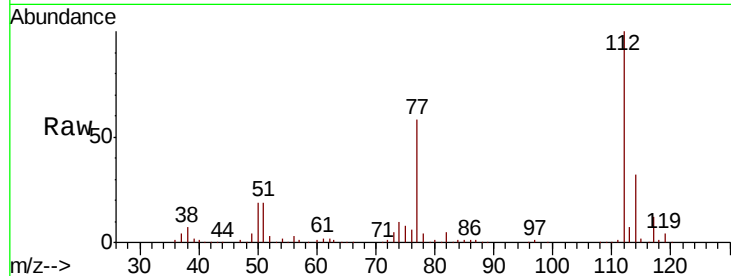




#65
Chlorobenzene
Concen: 19.495 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

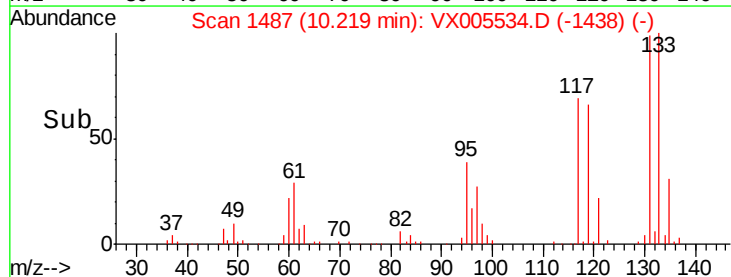
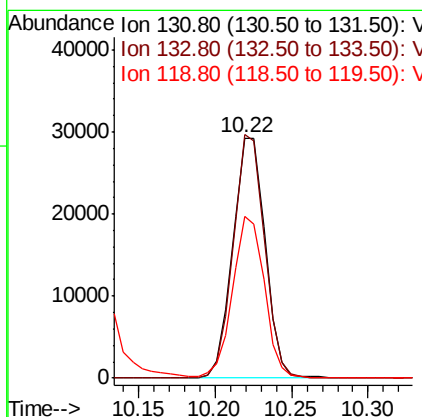
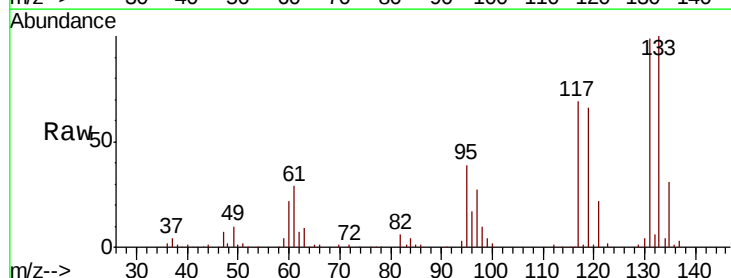
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

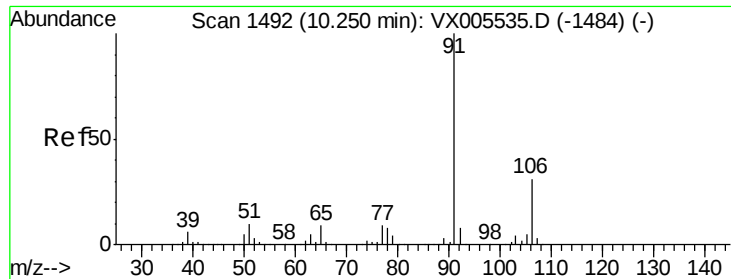
Tgt Ion:112 Resp: 120530
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.029 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion:131 Resp: 42897
Ion Ratio Lower Upper
131 100
133 98.1 47.5 142.5
119 66.2 31.8 95.3





#67

Ethyl Benzene

Concen: 19.387 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

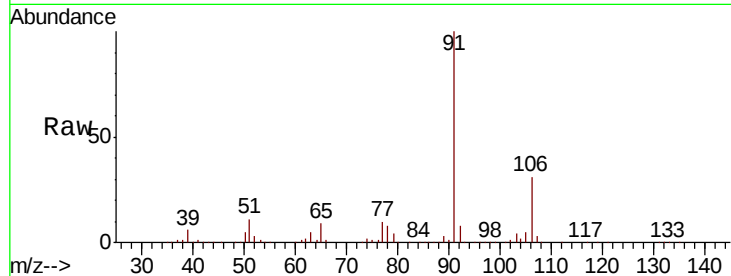
VSTDIC020

Tgt Ion: 91 Resp: 197208

Ion Ratio Lower Upper

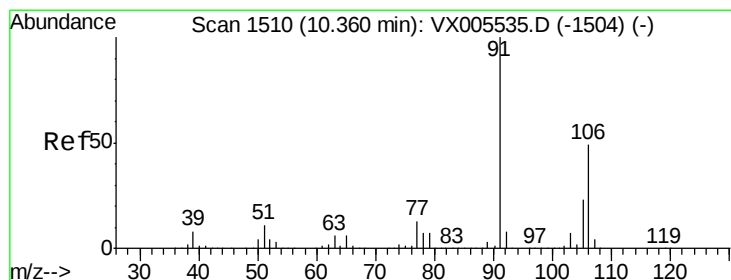
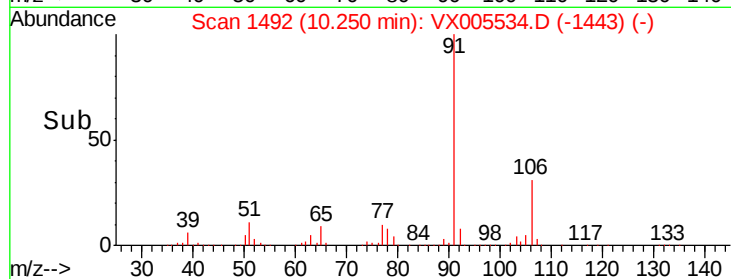
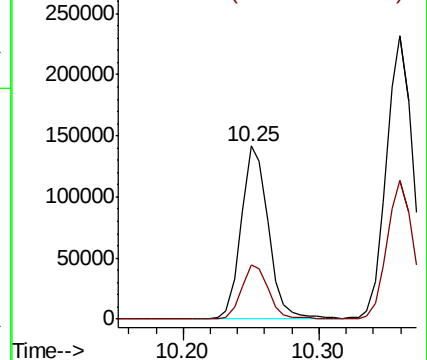
91 100

106 31.3 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.993 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005534.D

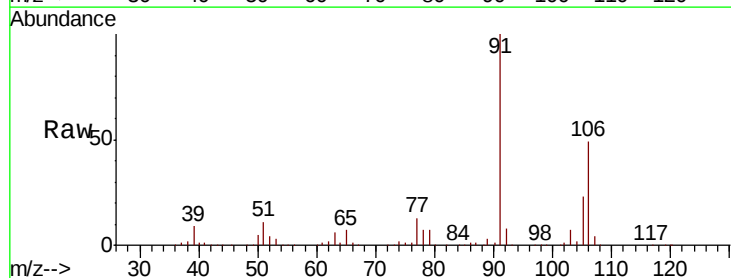
Acq: 24 Oct 2018 11:32

Tgt Ion: 106 Resp: 157831

Ion Ratio Lower Upper

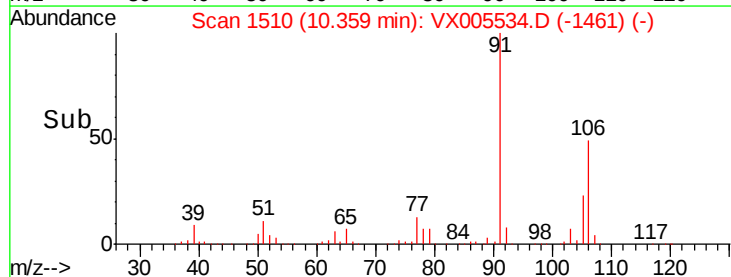
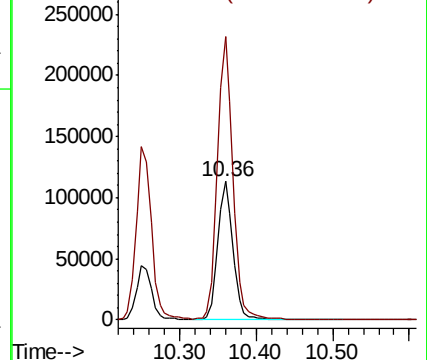
106 100

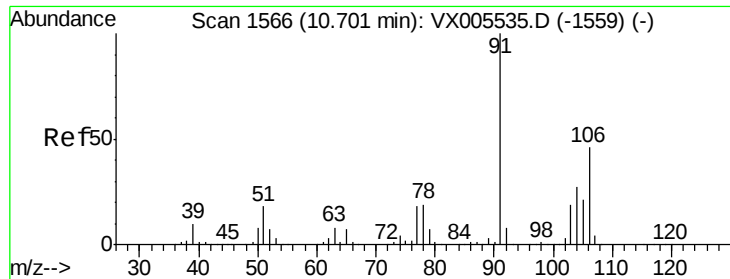
91 205.8 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

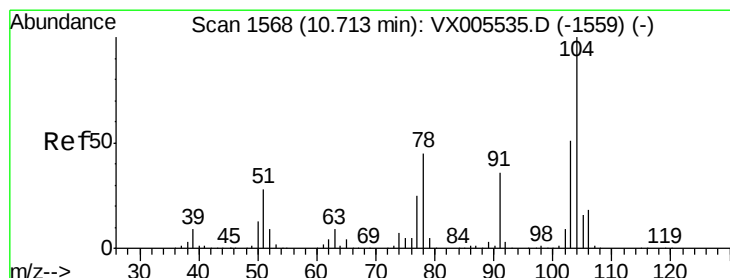
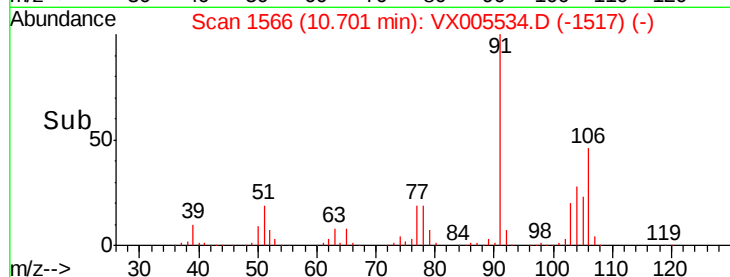
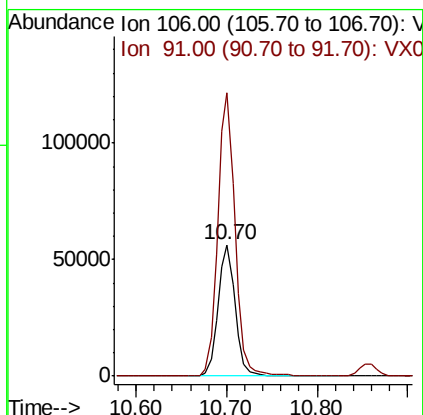
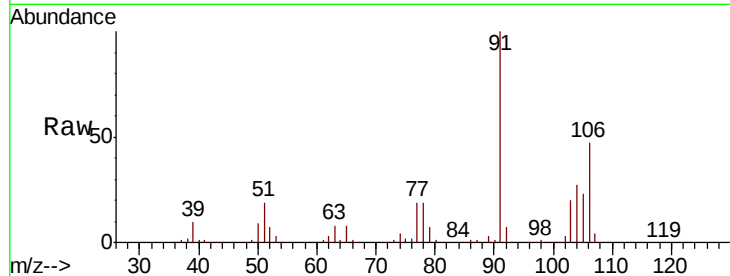




#69
o-Xylene
Concen: 20.107 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

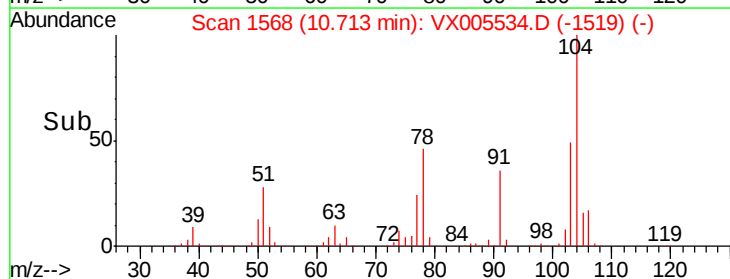
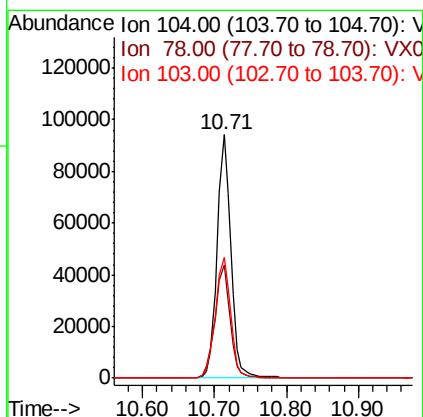
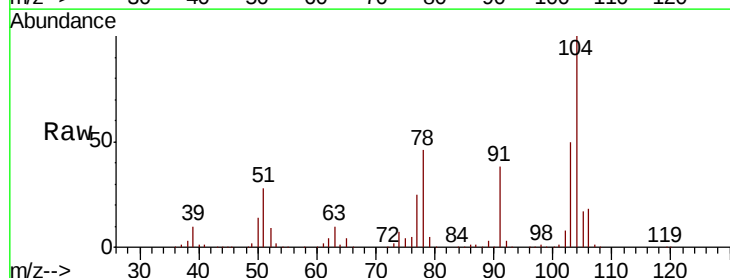
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

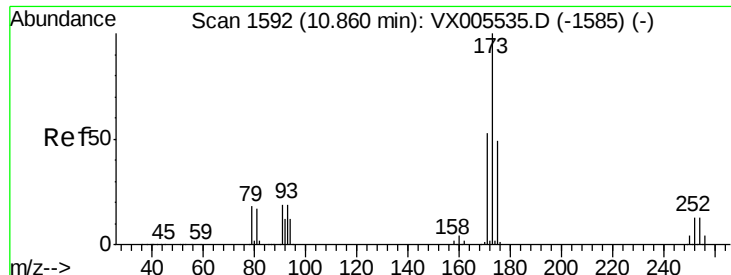
Tgt Ion:106 Resp: 74656
Ion Ratio Lower Upper
106 100
91 216.4 108.5 325.5



#70
Styrene
Concen: 20.153 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion:104 Resp: 125259
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.1 44.9 67.3





#71

Bromoform

Concen: 18.535 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

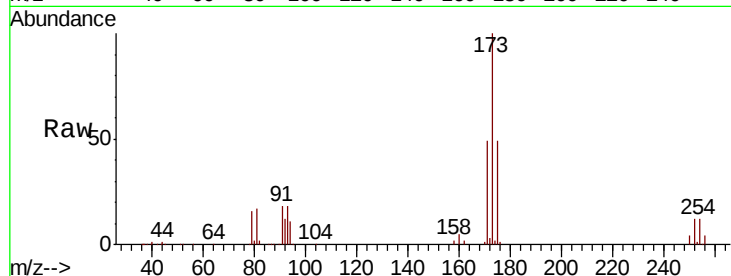
Tgt Ion:173 Resp: 37285

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.3

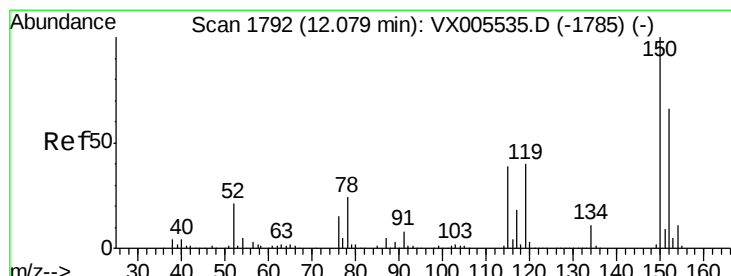
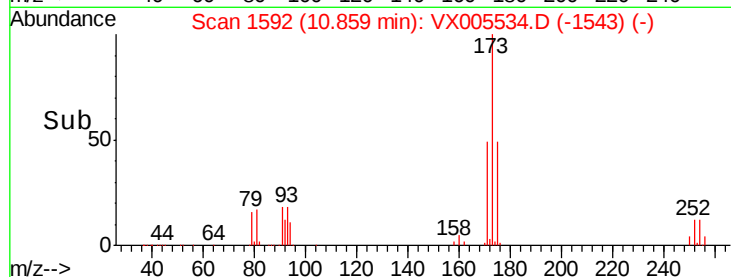
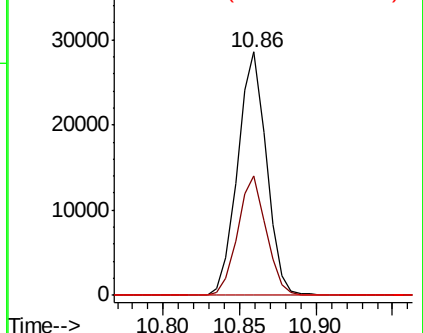
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

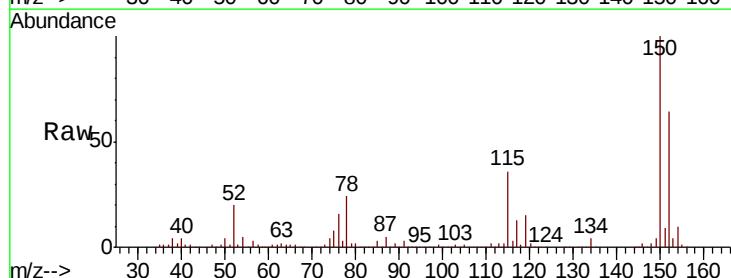
Tgt Ion:152 Resp: 164225

Ion Ratio Lower Upper

152 100

115 64.1 39.4 118.1

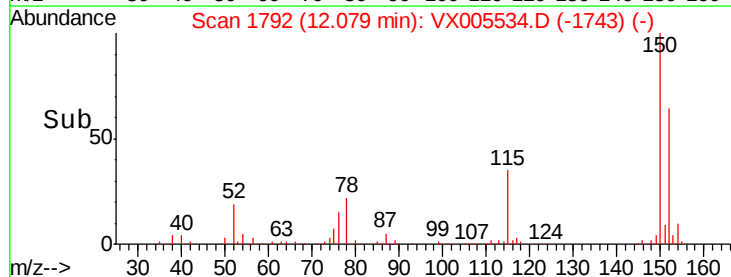
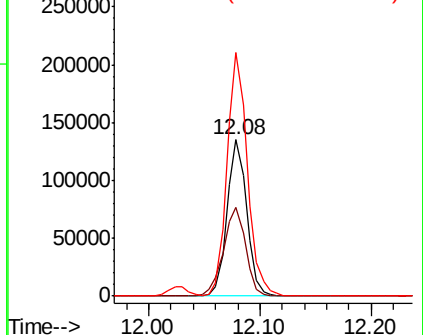
150 161.5 0.0 346.4

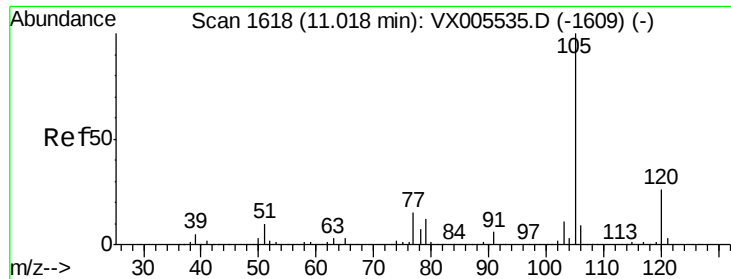


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.392 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

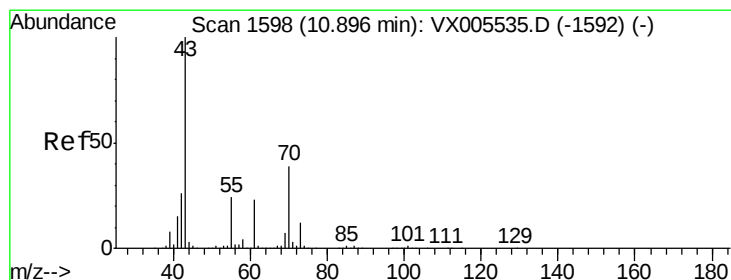
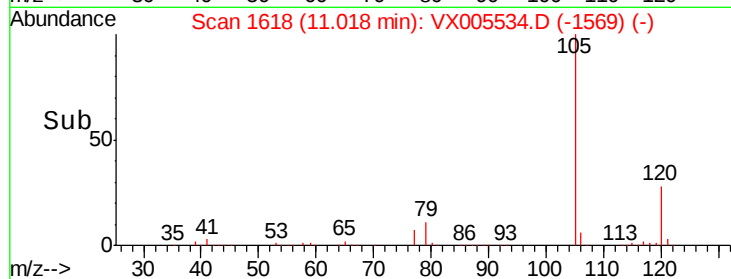
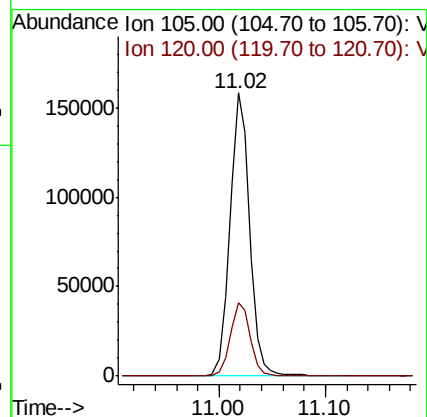
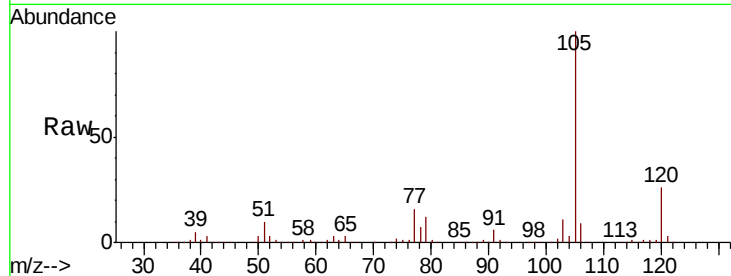
VSTDIC020

Tgt Ion: 105 Resp: 204708

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 19.296 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Tgt Ion: 43 Resp: 95981

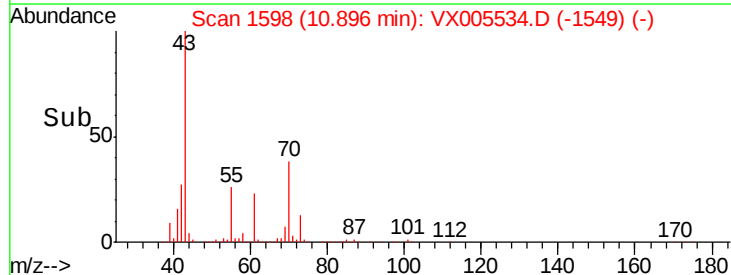
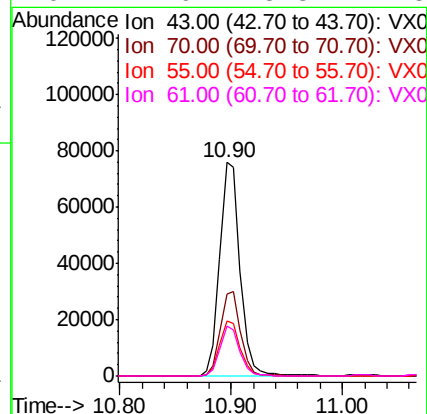
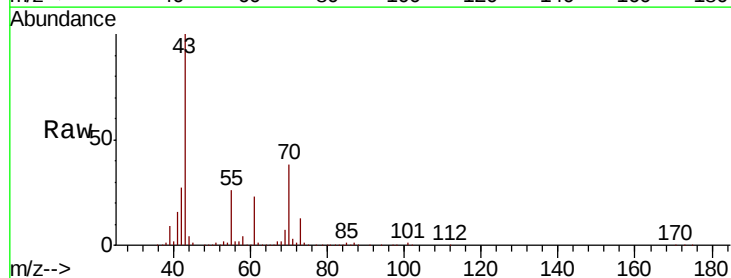
Ion Ratio Lower Upper

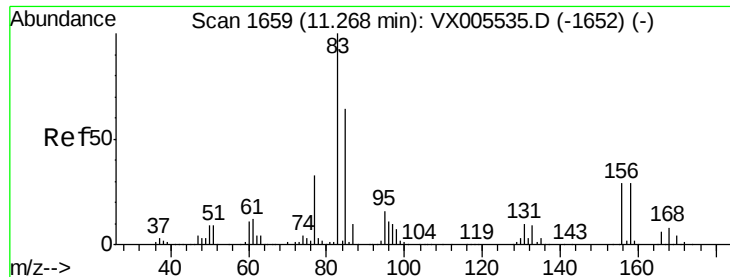
43 100

70 39.6 31.6 47.4

55 26.4 19.7 29.5

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

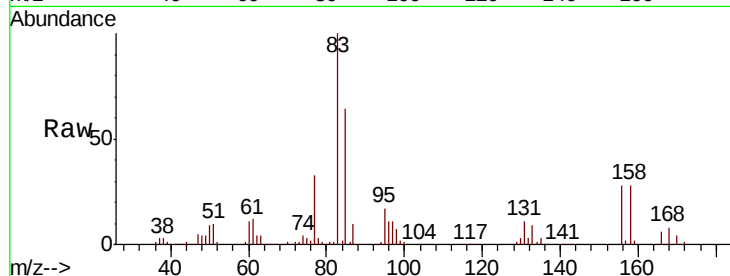
Tgt Ion: 83 Resp: 71583

Ion Ratio Lower Upper

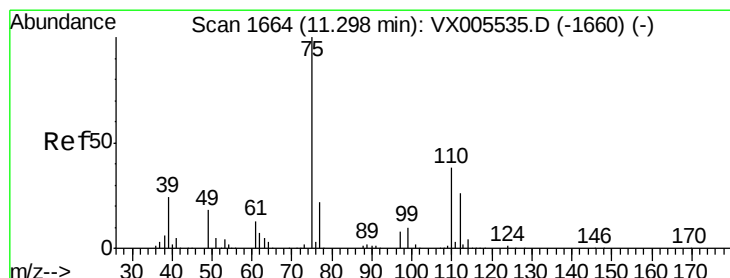
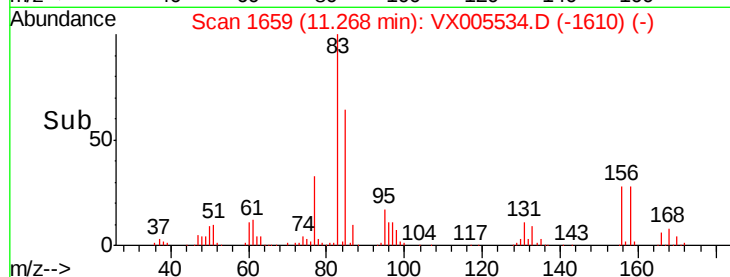
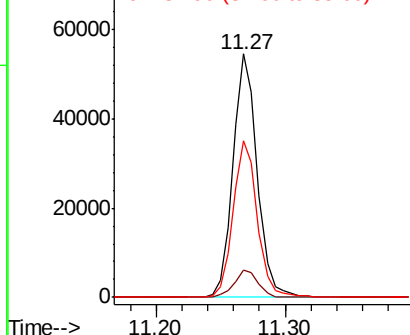
83 100

131 11.0 5.3 15.9

85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.738 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005534.D

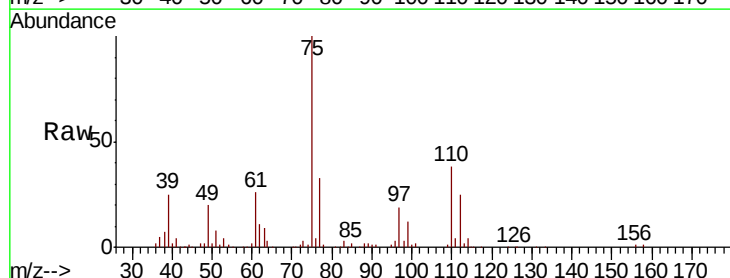
Acq: 24 Oct 2018 11:32

Tgt Ion: 75 Resp: 83248

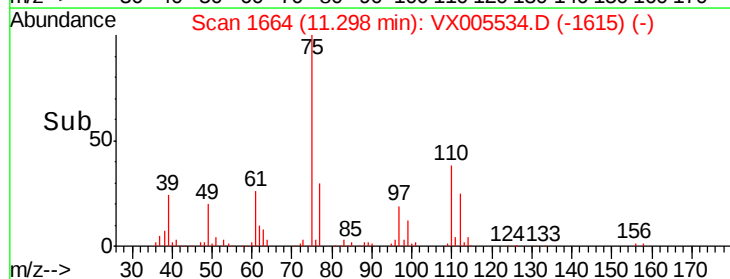
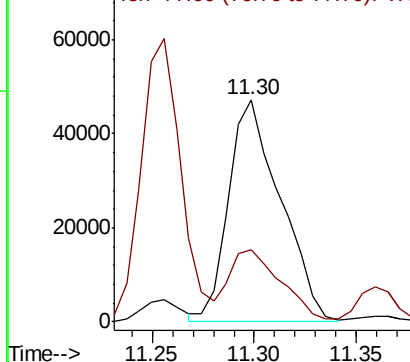
Ion Ratio Lower Upper

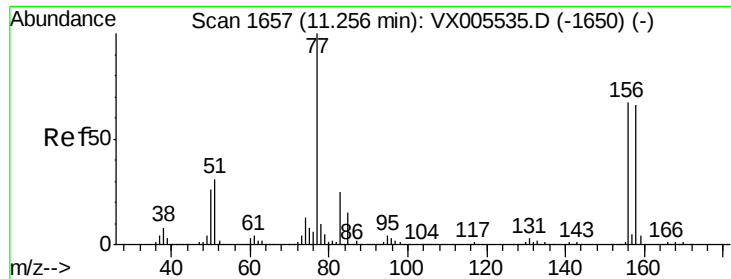
75 100

77 32.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

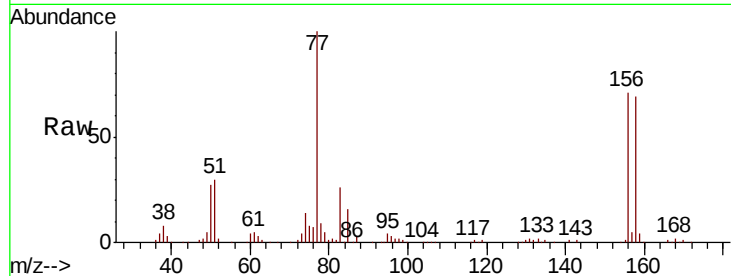
Tgt Ion:156 Resp: 54732

Ion Ratio Lower Upper

156 100

77 148.9 74.8 224.4

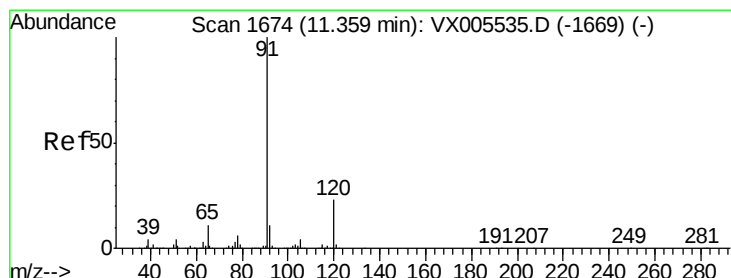
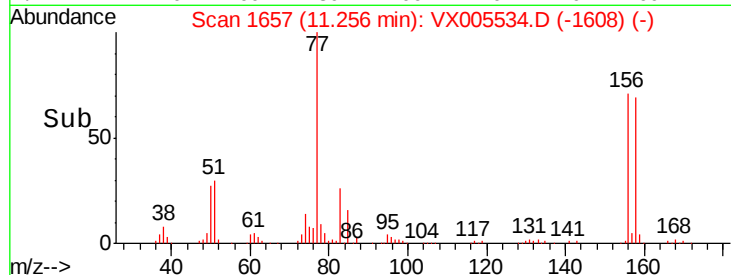
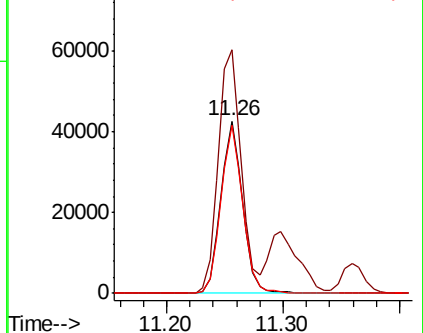
158 97.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.356 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005534.D

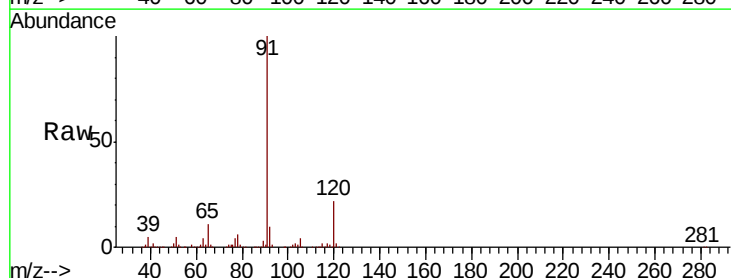
Acq: 24 Oct 2018 11:32

Tgt Ion: 91 Resp: 233670

Ion Ratio Lower Upper

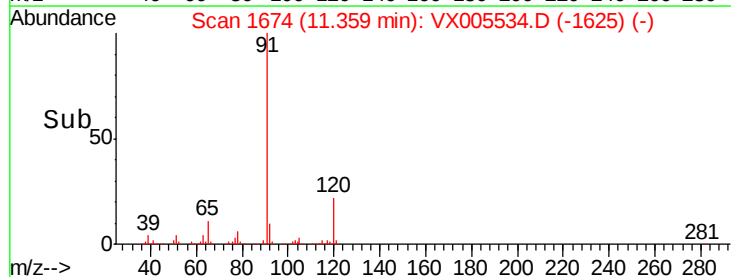
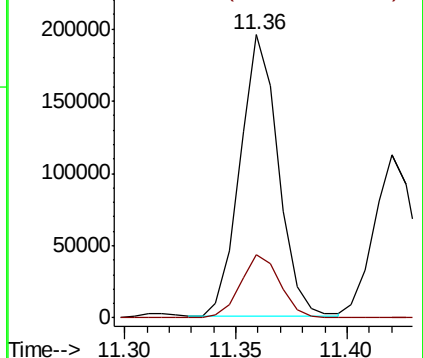
91 100

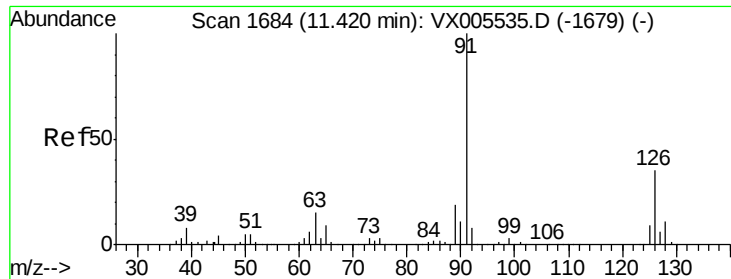
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.982 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

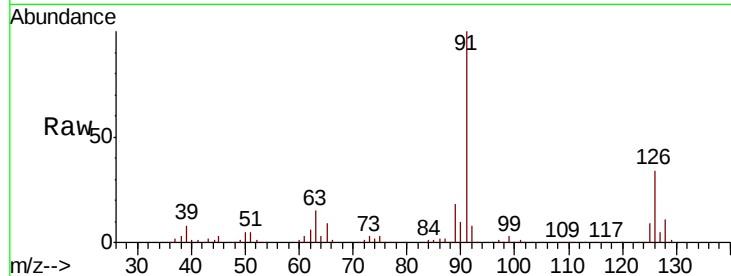
VSTDIC020

Tgt Ion: 91 Resp: 142219

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

200000

150000

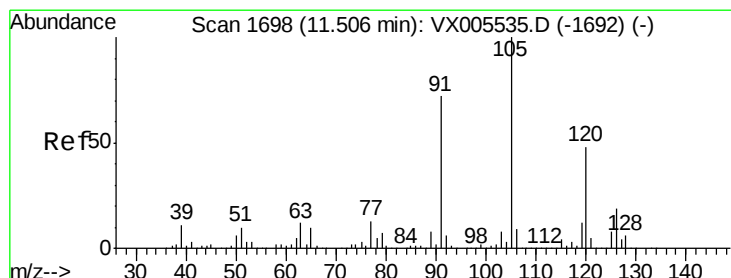
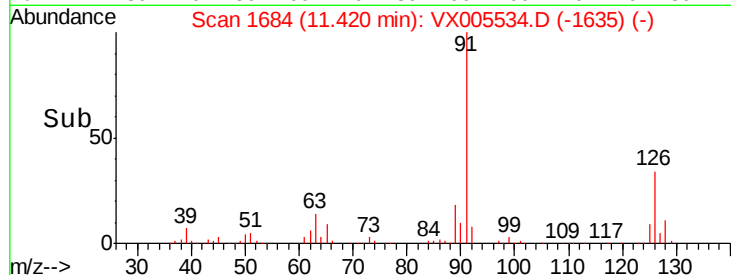
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.459 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005534.D

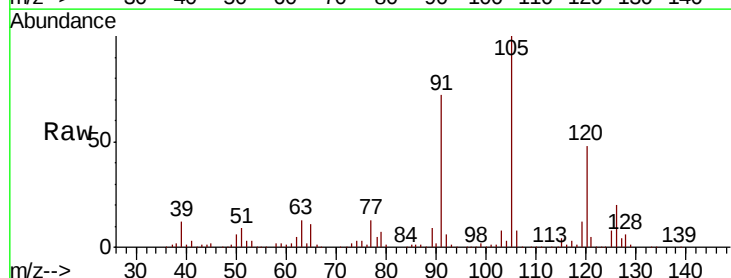
Acq: 24 Oct 2018 11:32

Tgt Ion: 105 Resp: 175693

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

150000

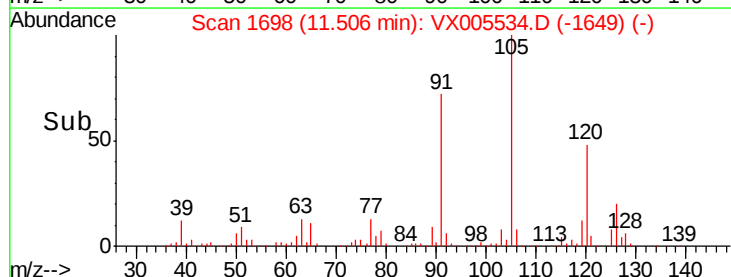
100000

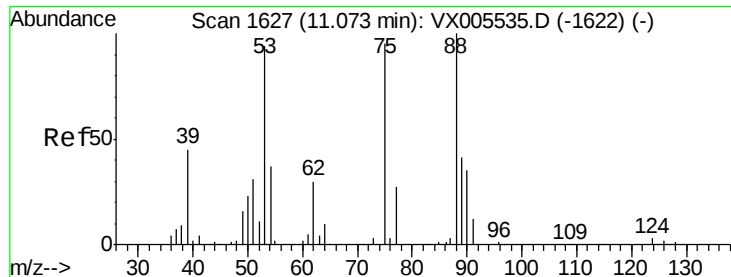
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.778 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

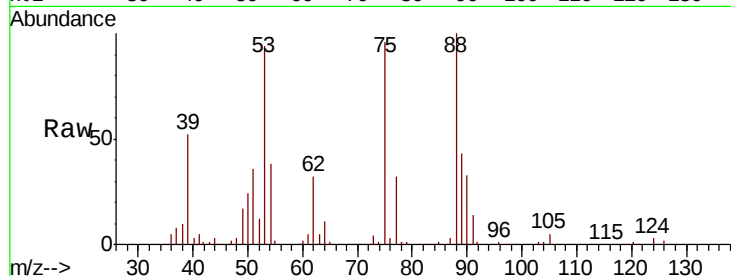
Tgt Ion: 75 Resp: 19996

Ion Ratio Lower Upper

75 100

53 101.7 80.2 120.2

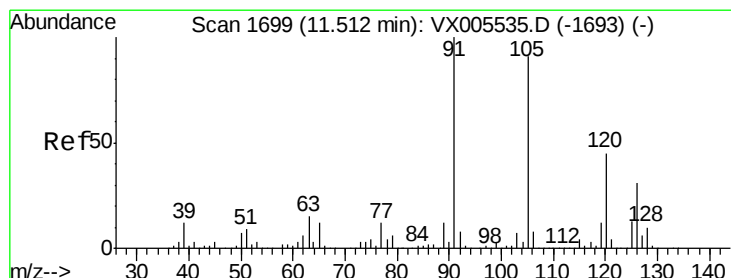
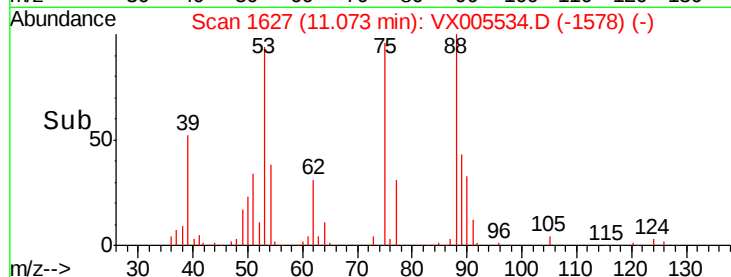
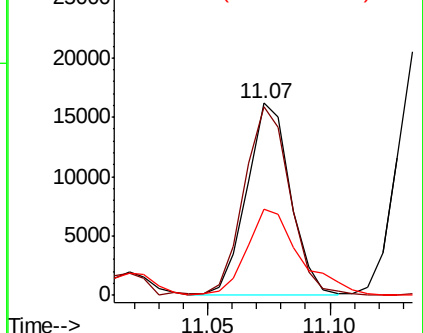
89 54.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.996 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005534.D

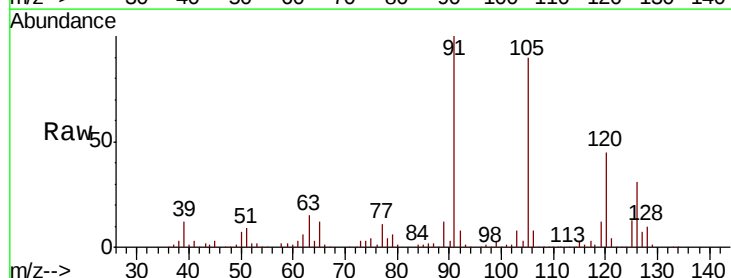
Acq: 24 Oct 2018 11:32

Tgt Ion: 91 Resp: 167815

Ion Ratio Lower Upper

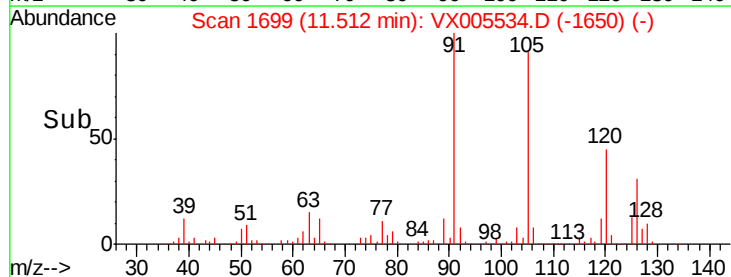
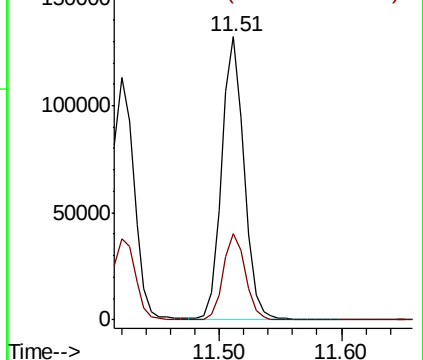
91 100

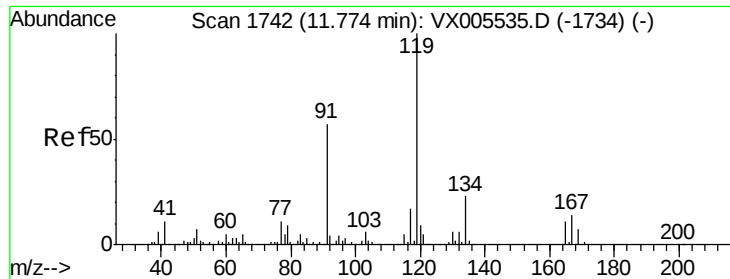
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

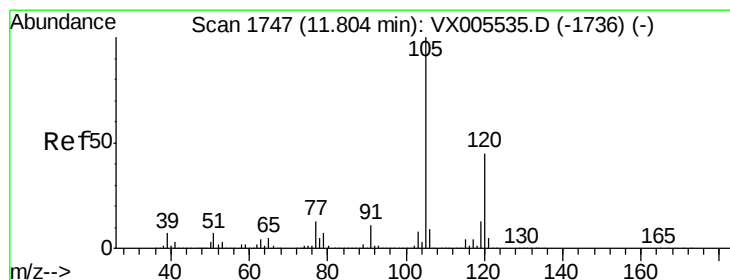
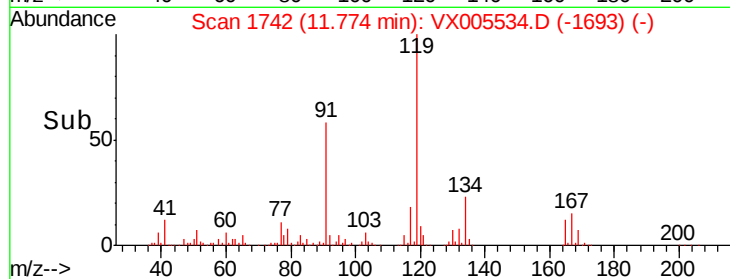
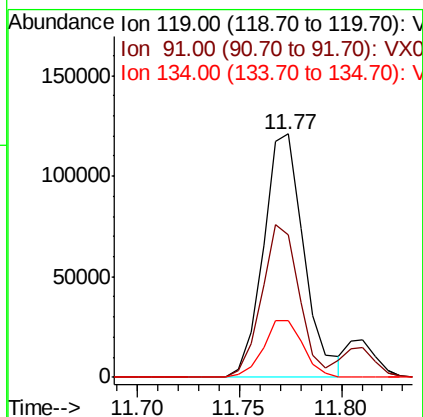
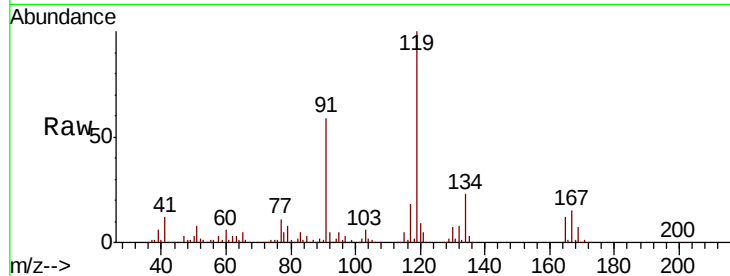




#83
 tert-Butylbenzene
 Concen: 19.567 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

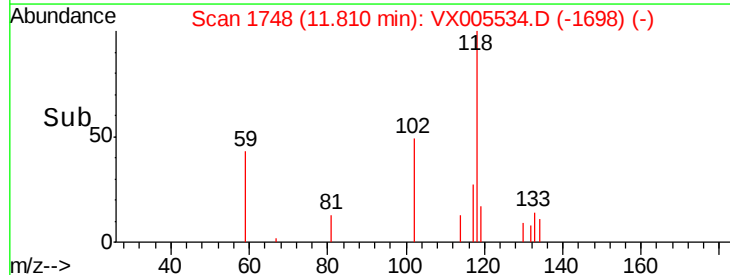
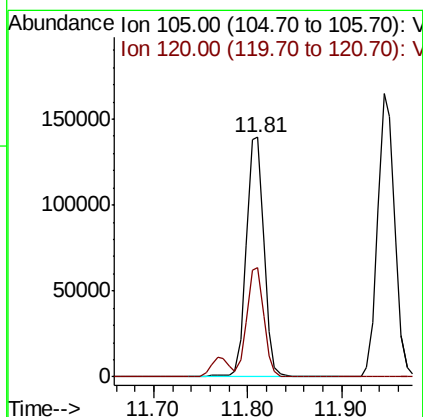
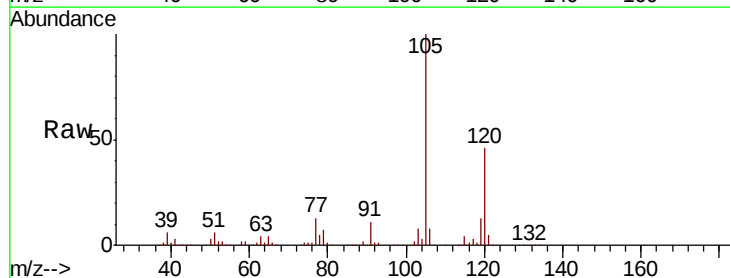
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

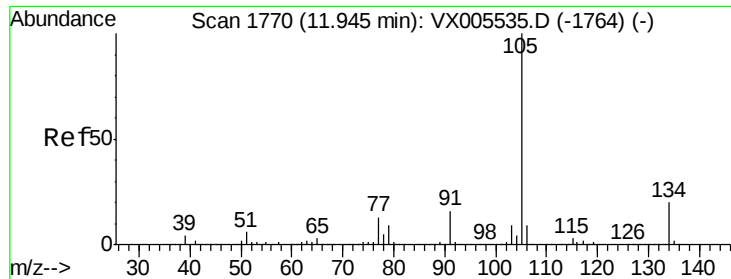
Tgt Ion:119 Resp: 167499
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.5 85.5
 134 22.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.840 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion:105 Resp: 181382
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.200 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

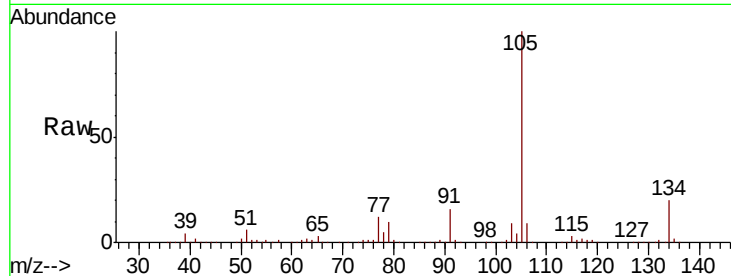
VSTDIC020

Tgt Ion:105 Resp: 206329

Ion Ratio Lower Upper

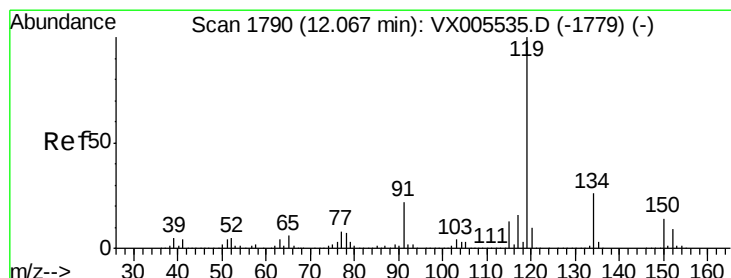
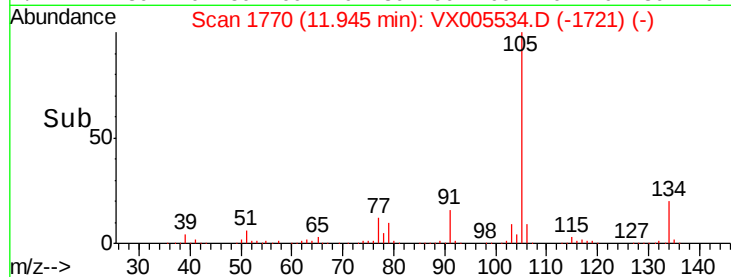
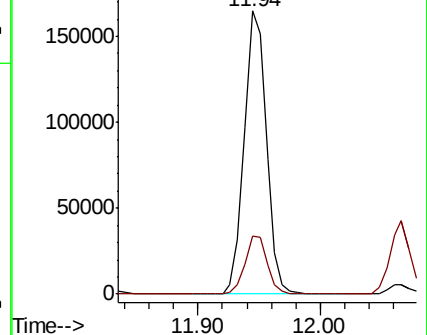
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.242 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

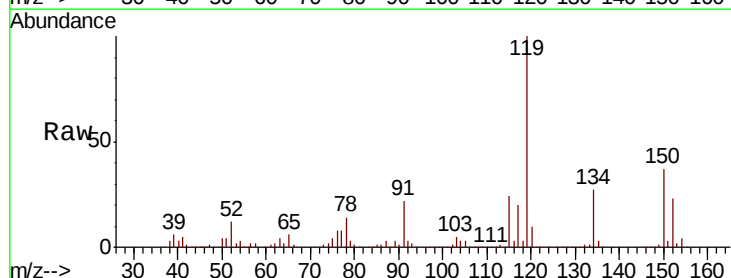
Tgt Ion:119 Resp: 184829

Ion Ratio Lower Upper

119 100

134 26.8 13.0 39.0

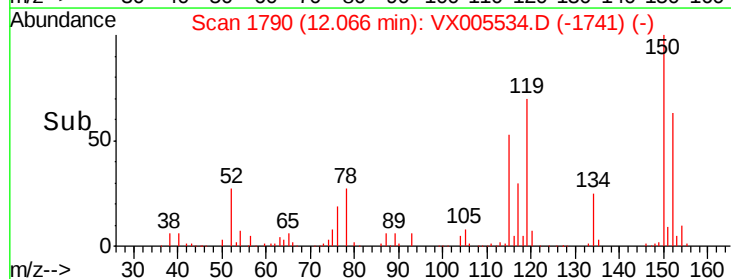
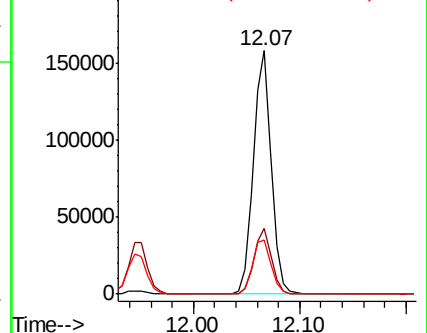
91 23.6 11.4 34.2

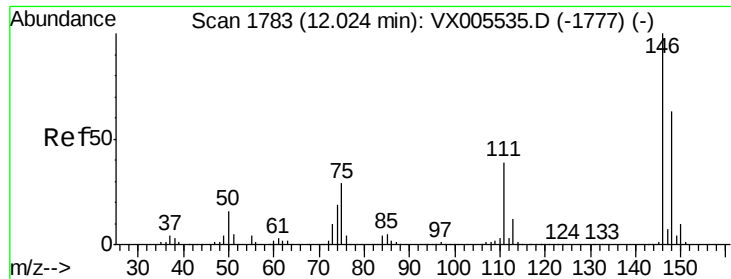


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

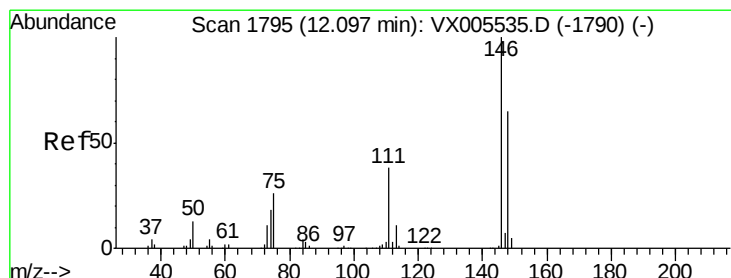
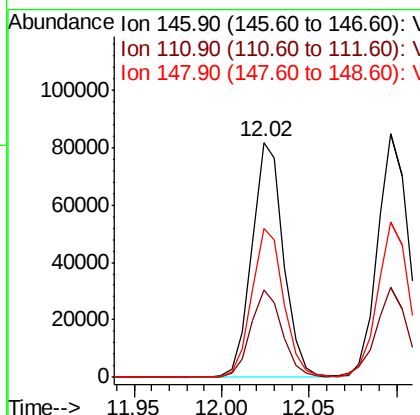
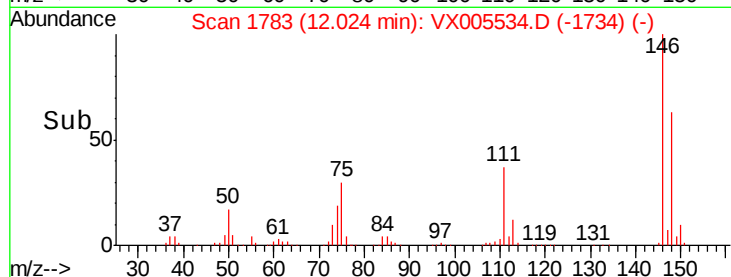
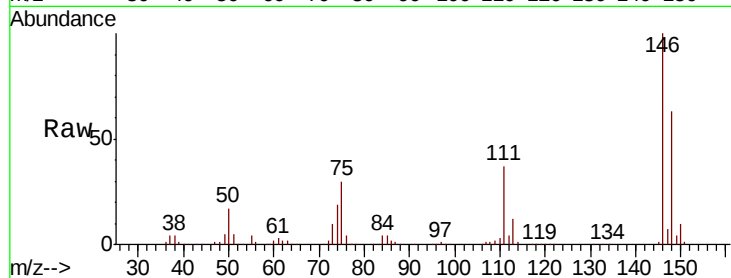




#87
 1,3-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

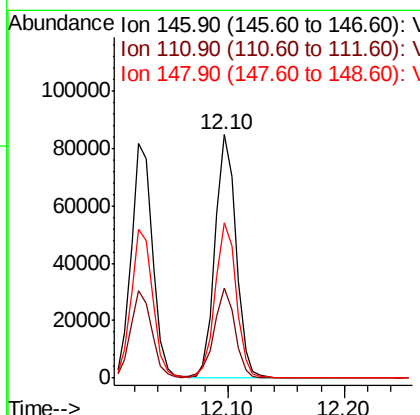
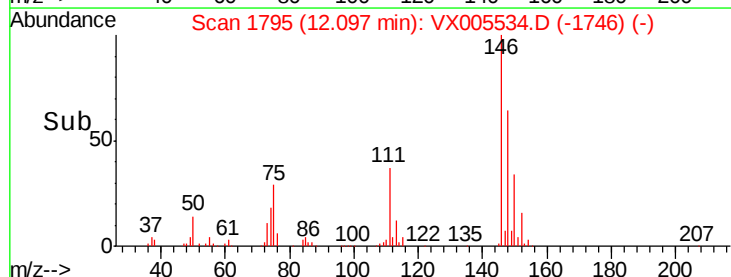
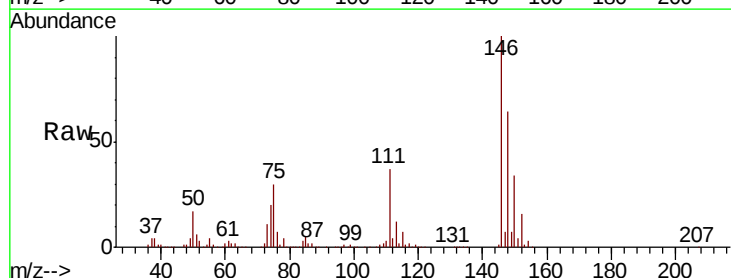
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

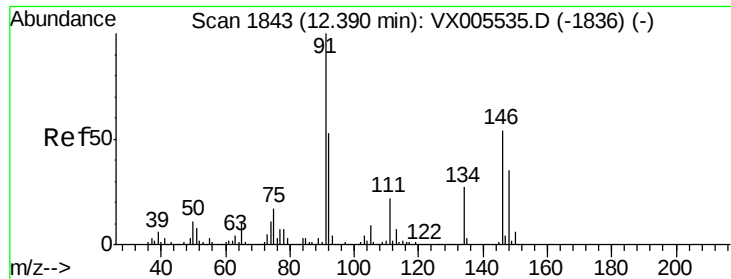
Tgt Ion:146 Resp: 102564
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.0 57.0
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion:146 Resp: 104564
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.6 32.1 96.3

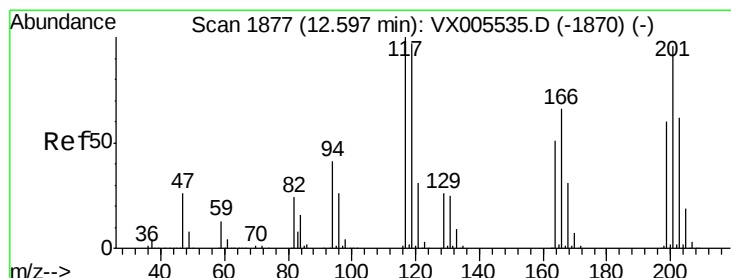
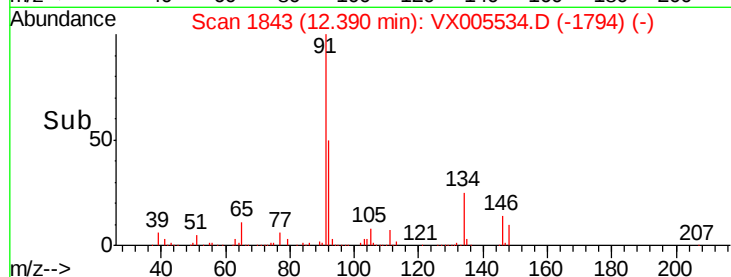
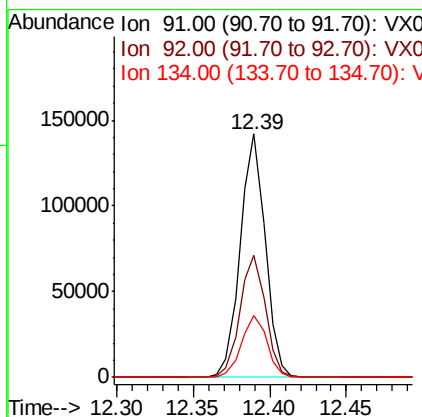
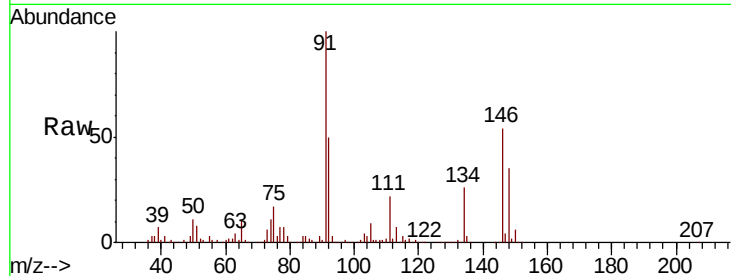




#89
n-Butylbenzene
Concen: 19.534 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

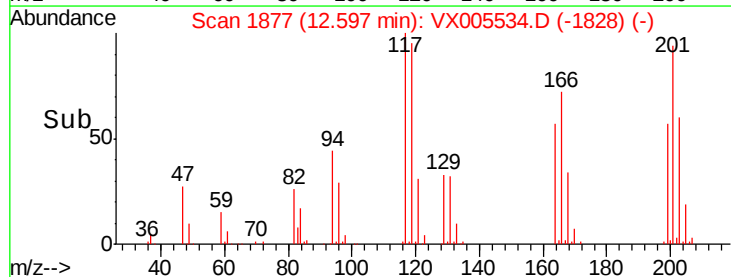
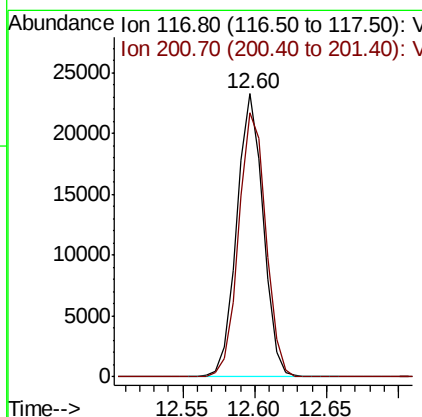
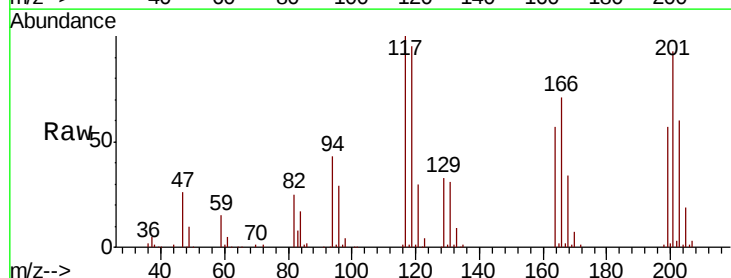
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

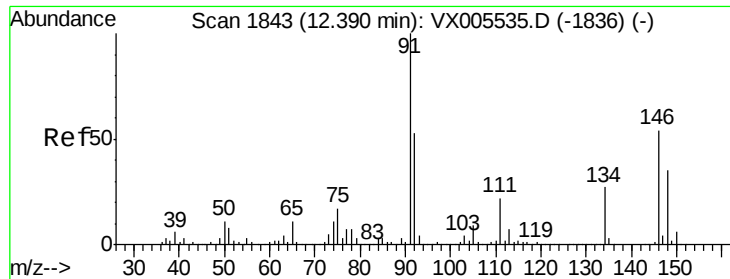
Tgt Ion: 91 Resp: 161025
Ion Ratio Lower Upper
91 100
92 50.8 26.1 78.2
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 18.979 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005534.D
Acq: 24 Oct 2018 11:32

Tgt Ion: 117 Resp: 29889
Ion Ratio Lower Upper
117 100
201 95.1 47.9 143.6

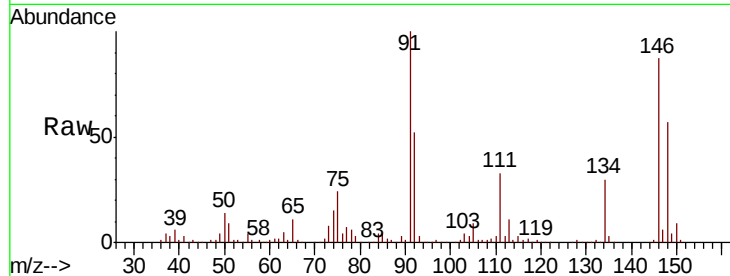




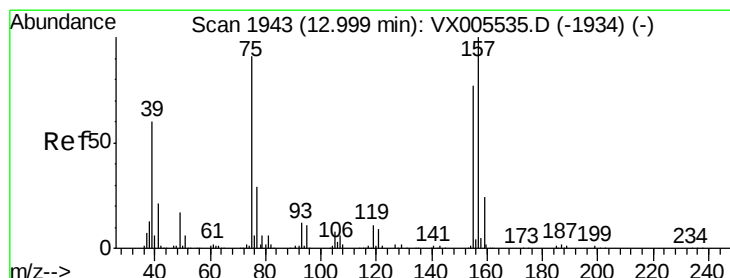
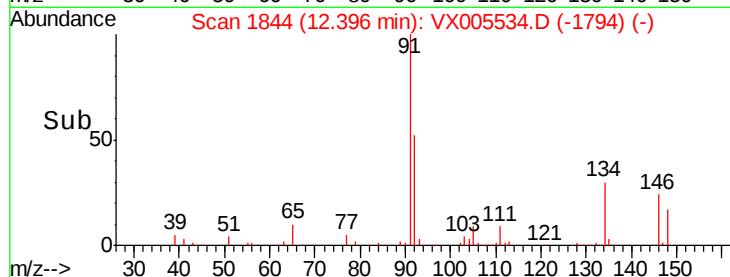
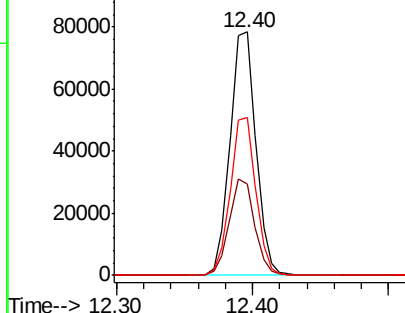
#91
 1,2-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 103845
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.0 59.9
 148 64.0 32.2 96.6

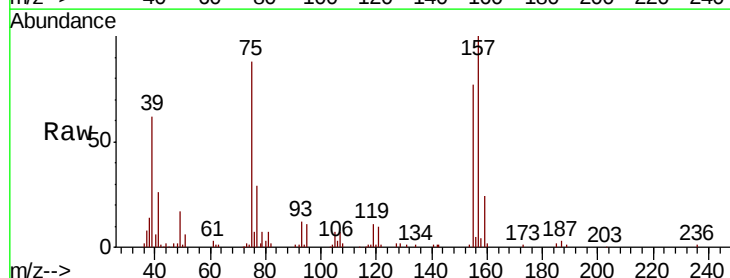


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

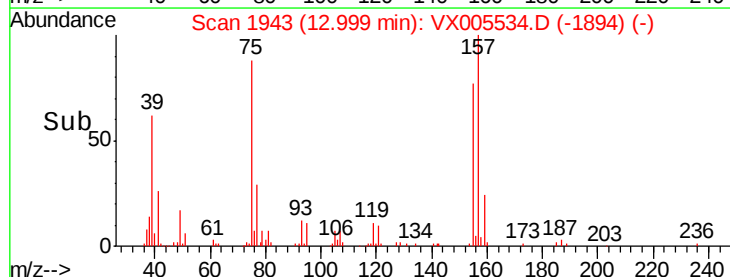
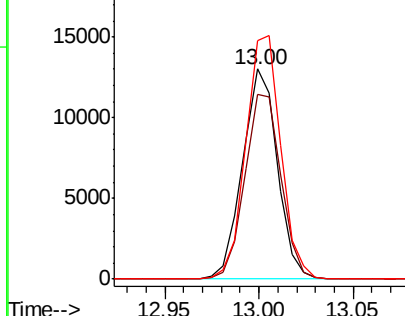


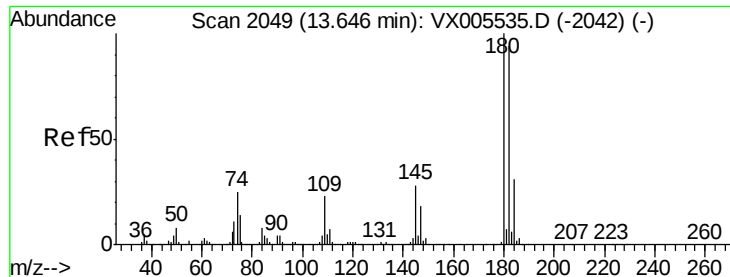
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.650 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion: 75 Resp: 16701
 Ion Ratio Lower Upper
 75 100
 155 91.5 45.4 136.1
 157 116.7 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

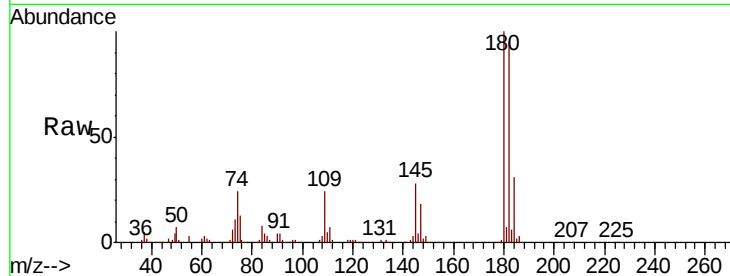




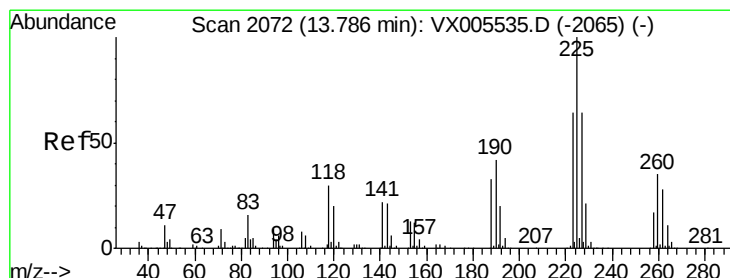
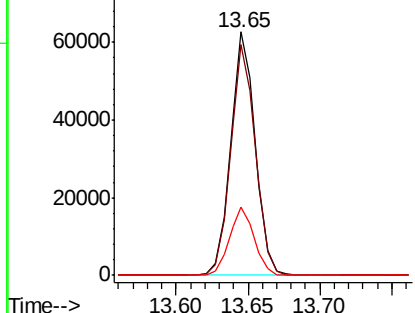
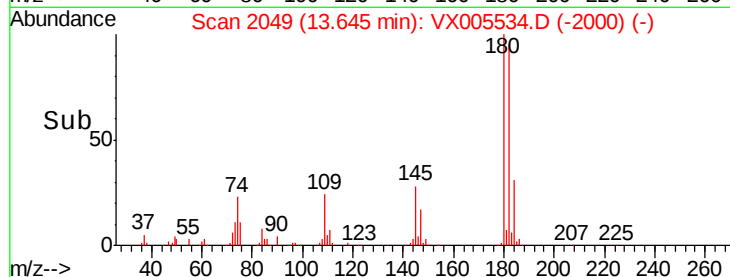
#93
 1,2,4-Trichlorobenzene
 Concen: 19.361 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 74703
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.8
 145 28.2 14.1 42.2

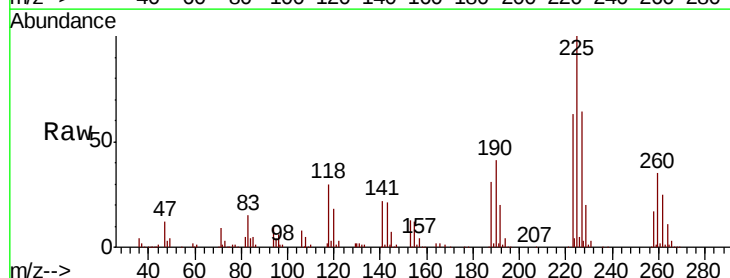


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

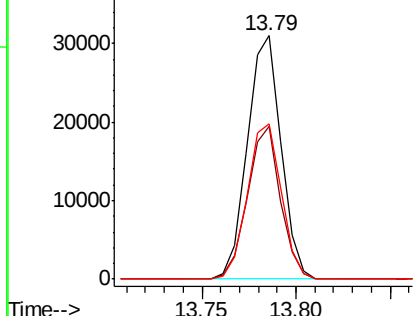
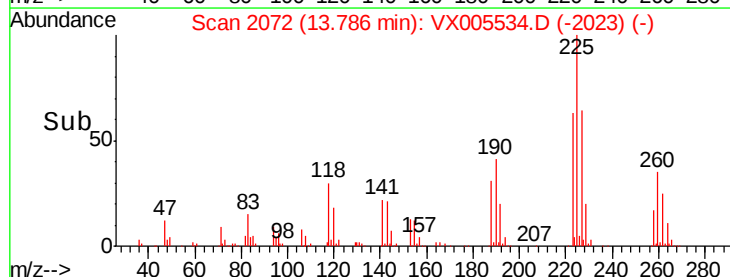


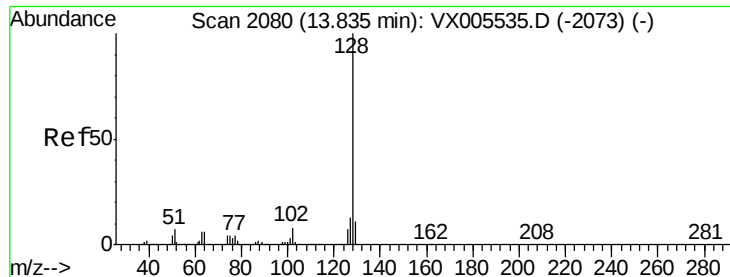
#94
 Hexachlorobutadiene
 Concen: 19.174 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005534.D
 Acq: 24 Oct 2018 11:32

Tgt Ion:225 Resp: 38340
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.7 95.1
 227 64.5 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.146 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

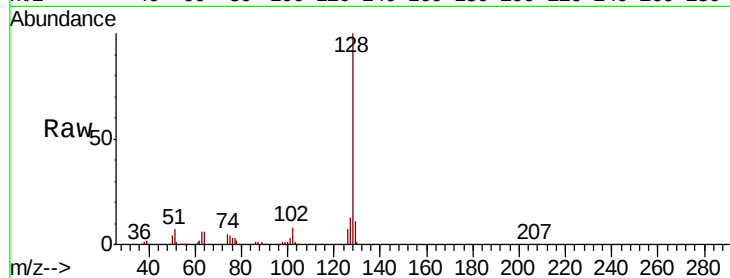
Tgt Ion:128 Resp: 225956

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

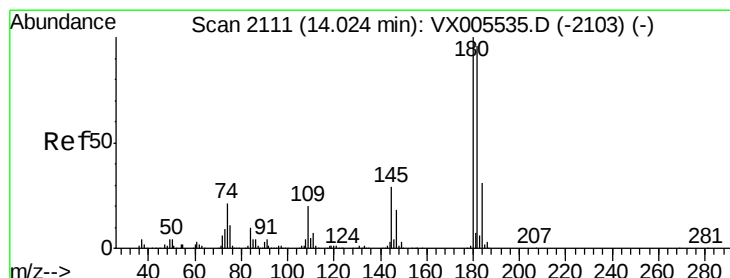
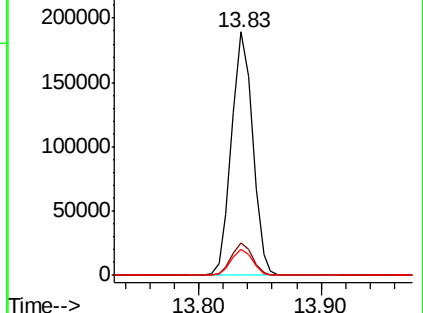
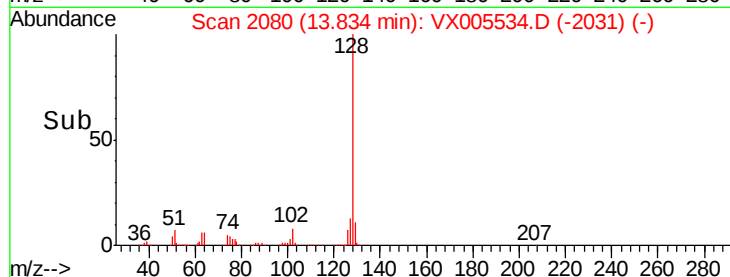
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.839 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005534.D

Acq: 24 Oct 2018 11:32

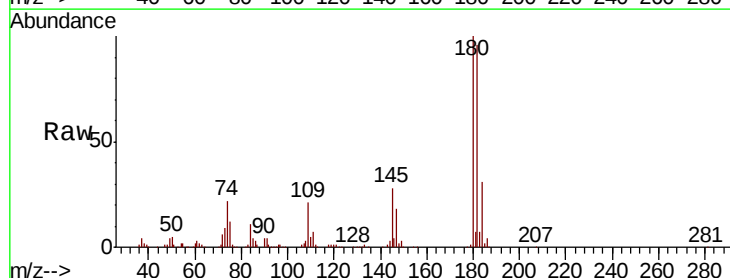
Tgt Ion:180 Resp: 77594

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 29.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

