

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
 Data File : VX005535.D
 Acq On : 24 Oct 2018 11:59
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 25 01:49:54 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	215637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131310	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	107495	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.71	98	398959	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	149240	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	119706	56.241	ug/l 100
3) Chloromethane	1.32	50	134299	49.546	ug/l 100
4) Vinyl Chloride	1.40	62	137247	51.495	ug/l 100
5) Bromomethane	1.64	94	78837	47.537	ug/l 100
6) Chloroethane	1.71	64	83417	48.993	ug/l 100
7) Trichlorofluoromethane	1.92	101	186621	50.391	ug/l 100
8) Diethyl Ether	2.19	74	73393	49.659	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106107	49.936	ug/l 100
10) Methyl Iodide	2.51	142	112971	56.268	ug/l 100
11) Tert butyl alcohol	3.08	59	173246	244.582	ug/l 100
12) 1,1-Dichloroethene	2.37	96	100388	49.594	ug/l 100
13) Acrolein	2.29	56	91886	254.302	ug/l 100
14) Allyl chloride	2.72	41	225919	50.009	ug/l 100
15) Acrylonitrile	3.15	53	392843	247.327	ug/l 100
16) Acetone	2.45	43	340449	244.765	ug/l 100
17) Carbon Disulfide	2.57	76	304216	49.303	ug/l 100
18) Methyl Acetate	2.78	43	180585	46.346	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	357230	49.474	ug/l 100
20) Methylene Chloride	2.85	84	111943	48.053	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	107099	48.459	ug/l 100
22) Diisopropyl ether	3.87	45	387238	49.086	ug/l 100
23) Vinyl Acetate	3.82	43	1795914	258.483	ug/l 100
24) 1,1-Dichloroethane	3.69	63	206087	48.049	ug/l 100
25) 2-Butanone	4.70	43	510572	241.052	ug/l 100
26) 2,2-Dichloropropane	4.59	77	160151	48.364	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	115280	48.383	ug/l 100
28) Bromochloromethane	5.01	49	104975	50.603	ug/l 100
29) Tetrahydrofuran	5.15	42	338549	245.608	ug/l 100
30) Chloroform	5.21	83	193913	48.333	ug/l 100
31) Cyclohexane	5.57	56	186029	52.421	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	178852	50.508	ug/l 100
36) 1,1-Dichloropropene	5.79	75	149945	49.808	ug/l 100
37) Ethyl Acetate	4.85	43	188303	49.017	ug/l 100
38) Carbon Tetrachloride	5.78	117	157340	49.623	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177569	53.416	ug/l	100
40) Benzene	6.14	78	433844	50.273	ug/l	100
41) Methacrylonitrile	5.06	41	107130	50.063	ug/l	100
42) 1,2-Dichloroethane	6.20	62	164342	50.129	ug/l	100
43) Isopropyl Acetate	6.46	43	296099	51.436	ug/l	100
44) Trichloroethene	7.21	130	116919	49.732	ug/l	100
45) 1,2-Dichloropropane	7.52	63	115517	49.789	ug/l	100
46) Dibromomethane	7.66	93	75328	50.269	ug/l	100
47) Bromodichloromethane	7.90	83	147284	50.642	ug/l	100
48) Methyl methacrylate	7.77	41	147437	52.573	ug/l	100
49) 1,4-Dioxane	7.76	88	62681	1022.757	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1001135	258.768	ug/l	100
52) Toluene	8.79	92	271626	51.790	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	167330	53.234	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	180048	53.203	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110700	50.063	ug/l	100
56) Ethyl methacrylate	9.18	69	176378	53.476	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190096	50.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	492926	267.590	ug/l	100
59) 2-Hexanone	9.50	43	805898	264.195	ug/l	100
60) Dibromochloromethane	9.59	129	120329	52.157	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117278	51.267	ug/l	100
64) Tetrachloroethene	9.34	164	120191	50.089	ug/l	100
65) Chlorobenzene	10.14	112	304592	49.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112492	50.122	ug/l	100
67) Ethyl Benzene	10.25	91	530909	52.425	ug/l	100
68) m/p-Xylenes	10.36	106	410520	104.484	ug/l	100
69) o-Xylene	10.70	106	196920	53.272	ug/l	100
70) Styrene	10.71	104	332597	53.748	ug/l	100
71) Bromoform	10.86	173	99475	49.669	ug/l	# 100
73) Isopropylbenzene	11.02	105	541161	53.104	ug/l	100
74) N-amyl acetate	10.90	43	266104	52.699	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184169	48.986	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217558	63.687	ug/l	87
77) Bromobenzene	11.26	156	141786	49.924	ug/l	100
78) n-propylbenzene	11.36	91	619572	53.170	ug/l	100
79) 2-Chlorotoluene	11.42	91	371558	51.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	463132	53.126	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56448	52.219	ug/l	100
82) 4-Chlorotoluene	11.51	91	440419	51.696	ug/l	100
83) tert-Butylbenzene	11.77	119	456088	52.486	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	474835	53.744	ug/l	100
85) sec-Butylbenzene	11.94	105	550081	53.050	ug/l	100
86) p-Isopropyltoluene	12.07	119	502444	54.205	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	266958	49.987	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	269825	48.303	ug/l	100
89) n-Butylbenzene	12.39	91	444055	53.065	ug/l	100
90) Hexachloroethane	12.60	117	81722	51.118	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	266854	49.388	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45442	49.989	ug/l	100

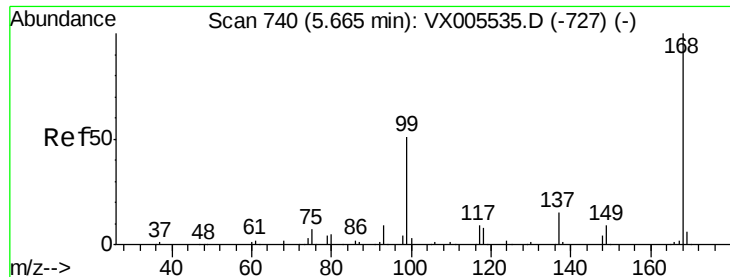
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	201549	51.457	ug/l	100
94) Hexachlorobutadiene	13.79	225	97620	48.094	ug/l	100
95) Naphthalene	13.83	128	624342	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207418	52.241	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

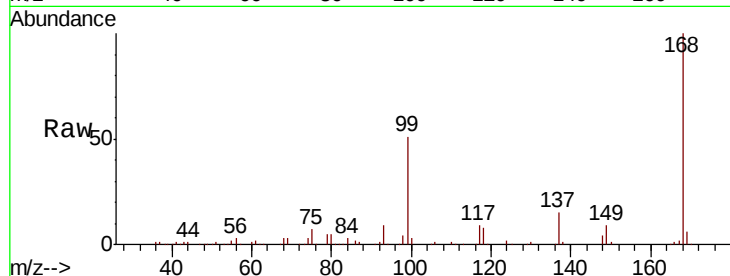
VSTDICCC050

Tgt Ion:168 Resp: 215637

Ion Ratio Lower Upper

168 100

99 50.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

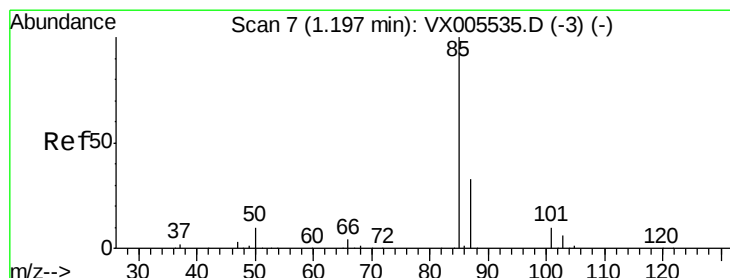
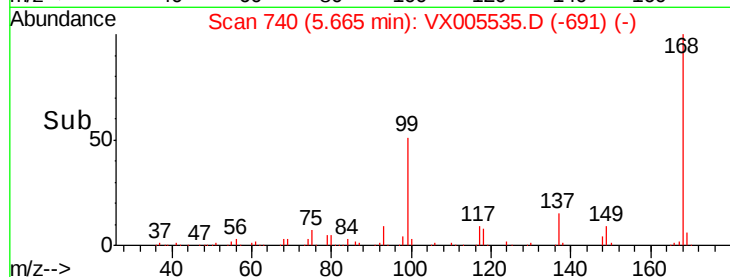
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.241 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005535.D

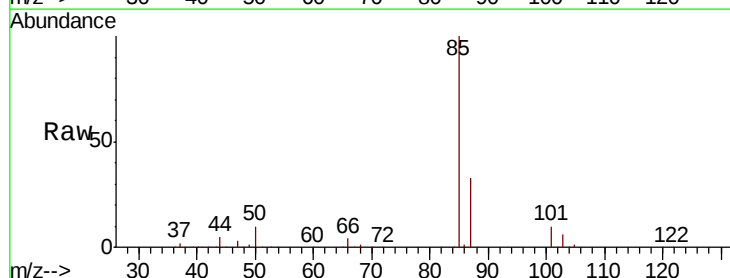
Acq: 24 Oct 2018 11:59

Tgt Ion: 85 Resp: 119706

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

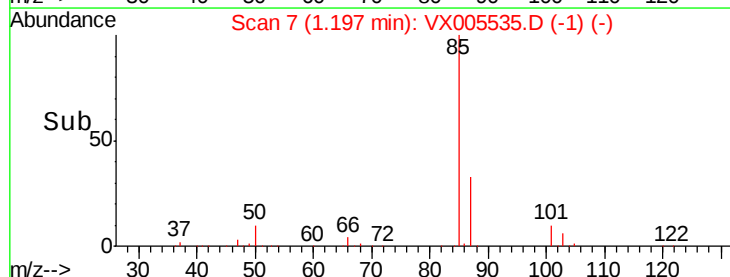
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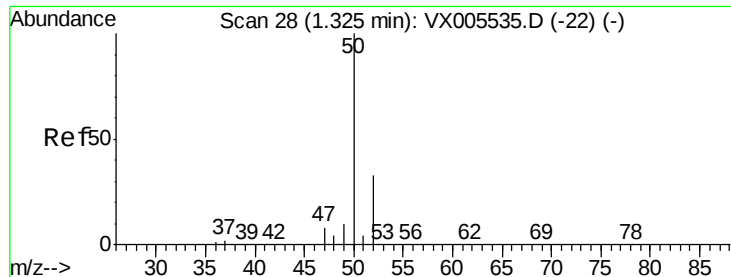
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.546 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

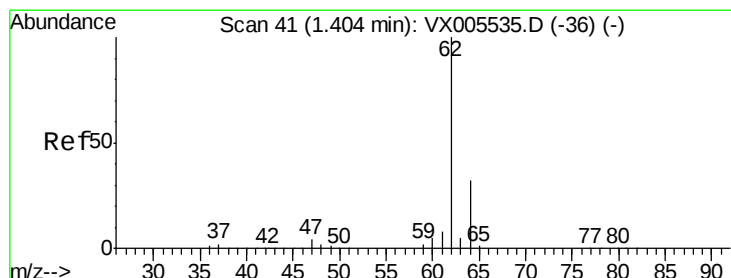
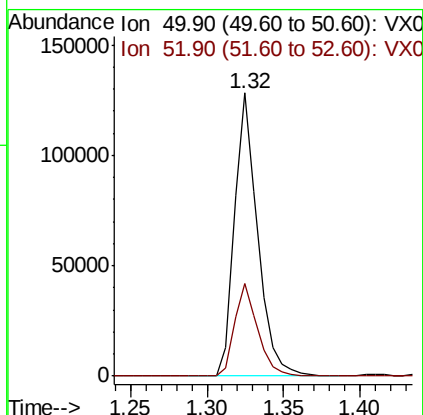
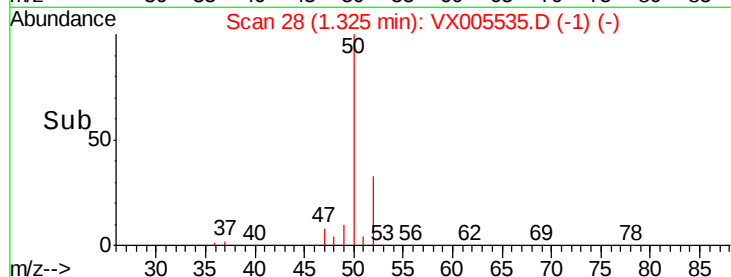
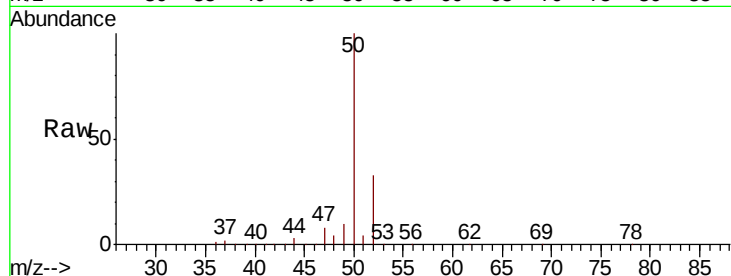
VSTDICCC050

Tgt Ion: 50 Resp: 134299

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 51.495 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005535.D

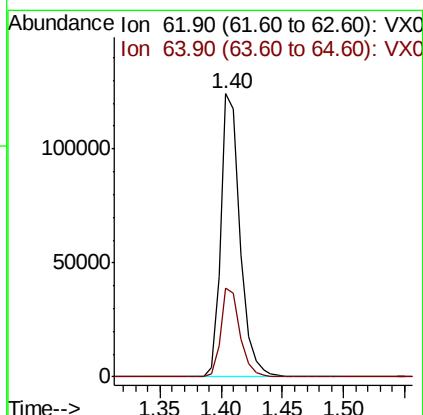
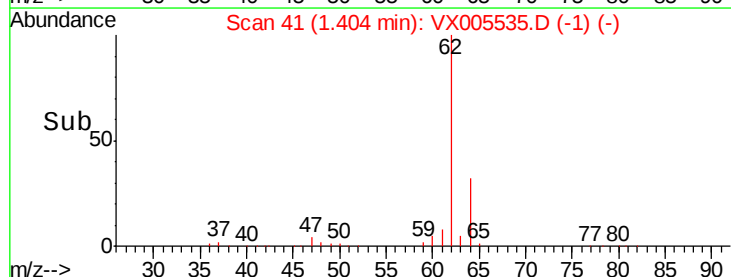
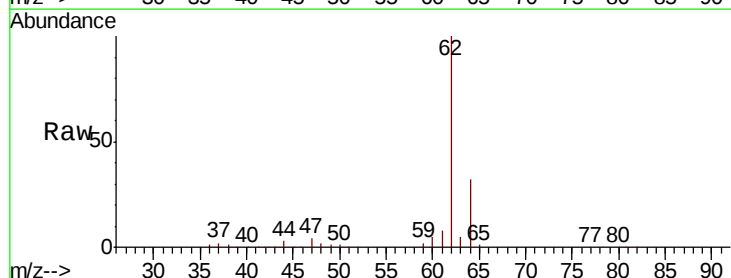
Acq: 24 Oct 2018 11:59

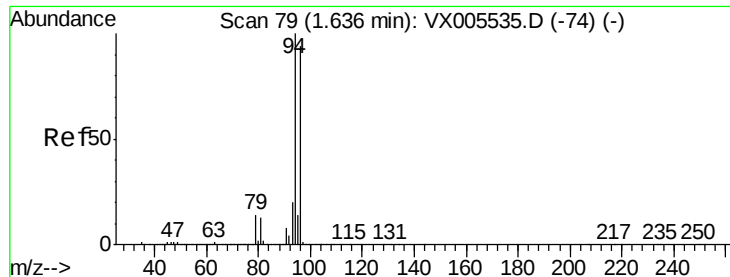
Tgt Ion: 62 Resp: 137247

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 47.537 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

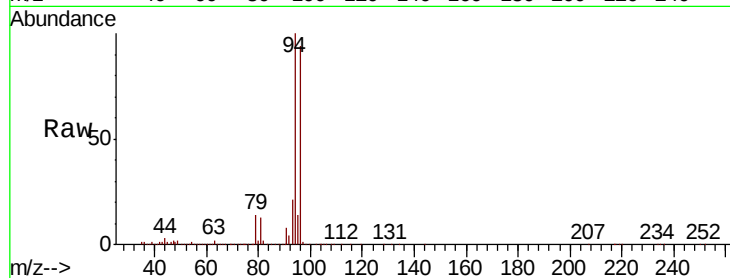
VSTDICCC050

Tgt Ion: 94 Resp: 78837

Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

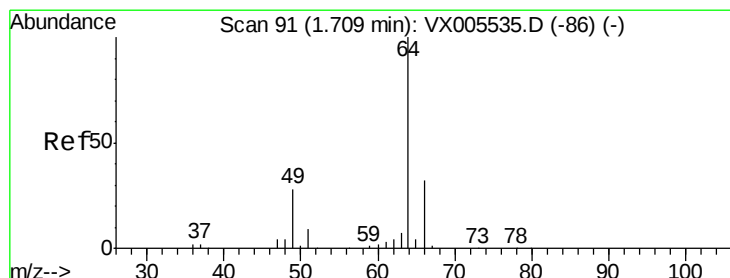
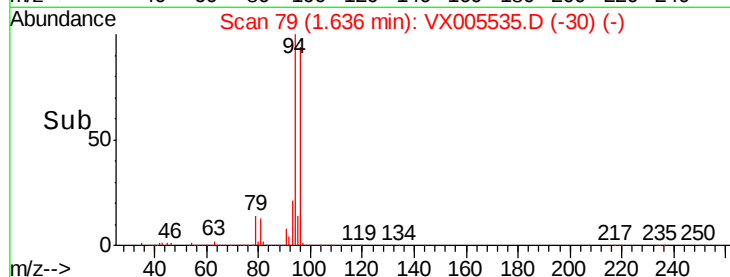
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 48.993 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005535.D

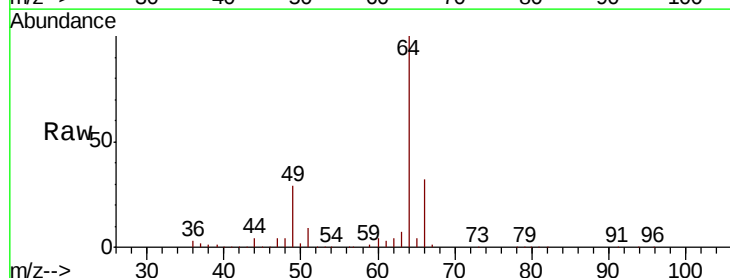
Acq: 24 Oct 2018 11:59

Tgt Ion: 64 Resp: 83417

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

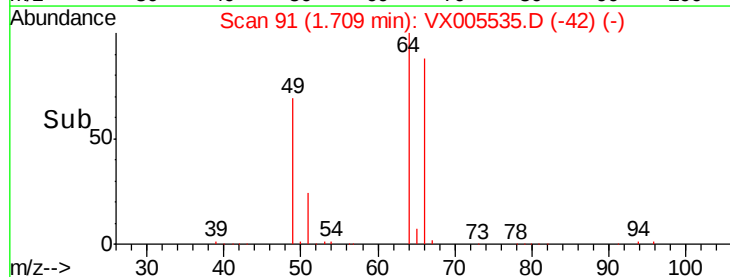
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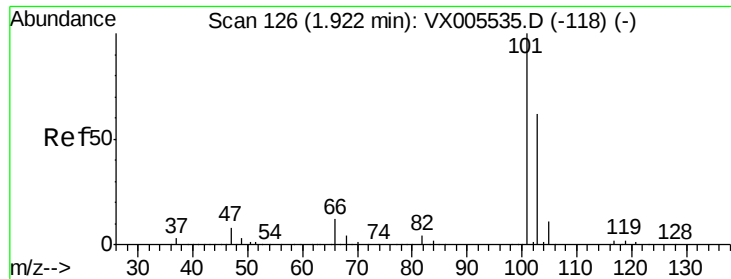
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Time-->

1.65 1.70 1.75 1.80



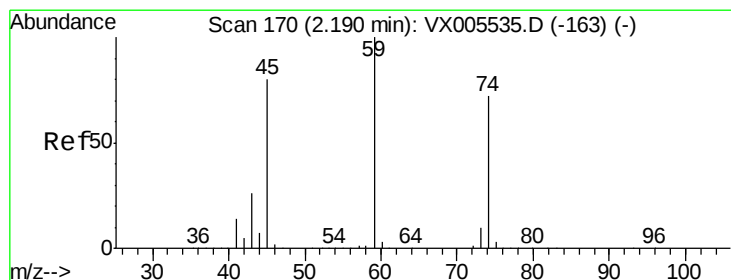
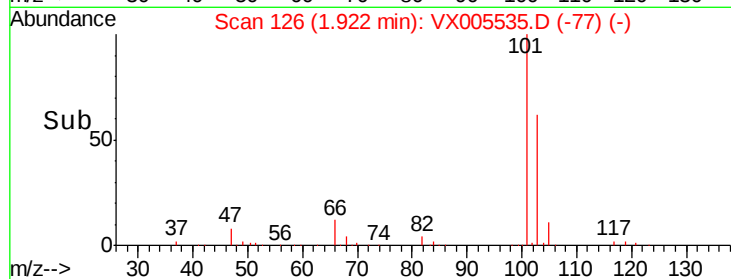
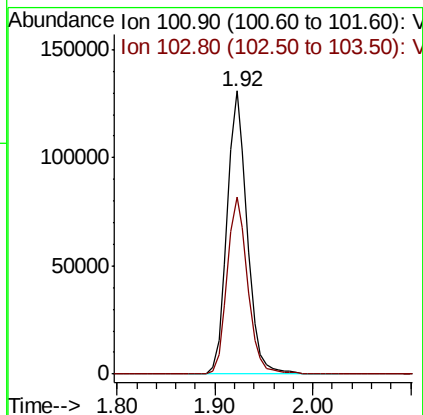
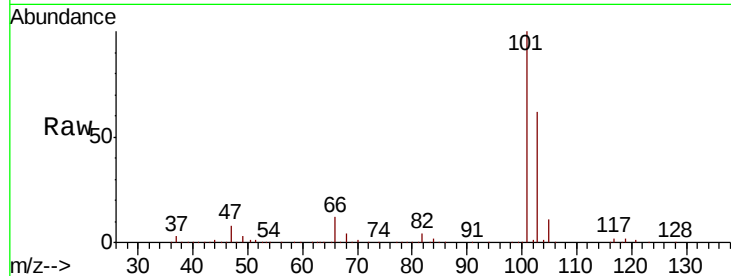


#7

Trichlorofluoromethane
Concen: 50.391 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005535.D
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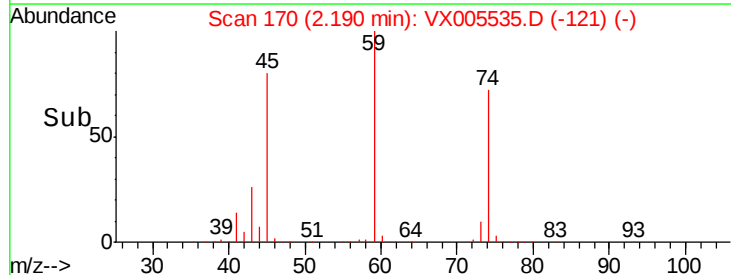
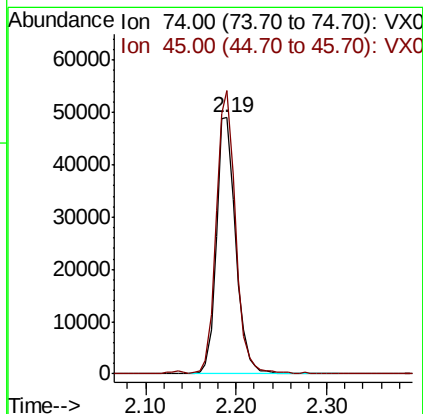
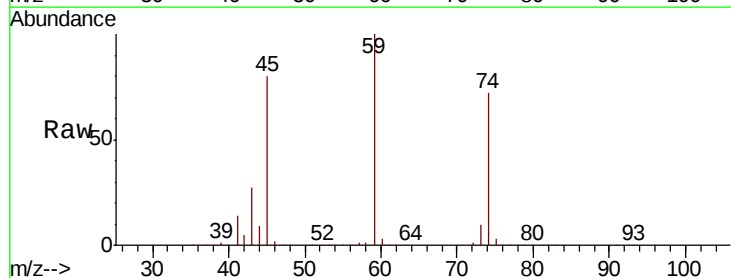
Tgt Ion:101 Resp: 186621
Ion Ratio Lower Upper
101 100
103 62.5 50.0 75.0



#8

Diethyl Ether
Concen: 49.659 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 74 Resp: 73393
Ion Ratio Lower Upper
74 100
45 108.2 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.936 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

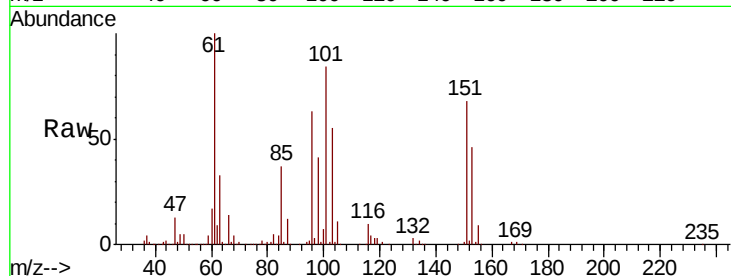
Tgt Ion:101 Resp: 106107

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

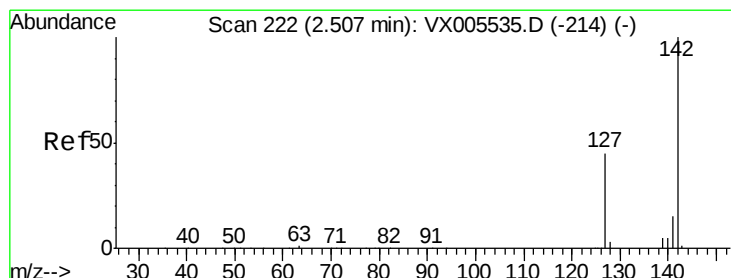
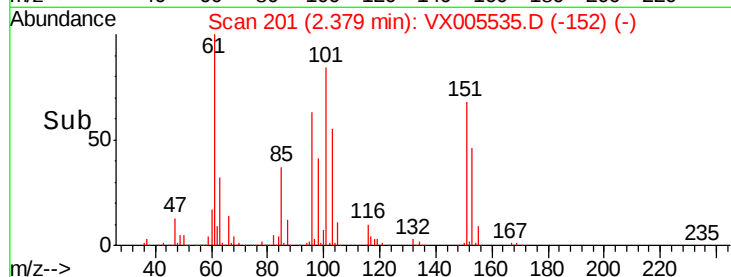
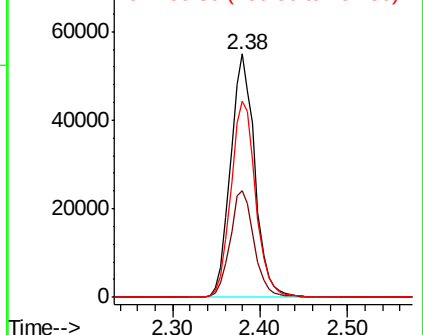
151 82.7 66.2 99.2



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: 56.268 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

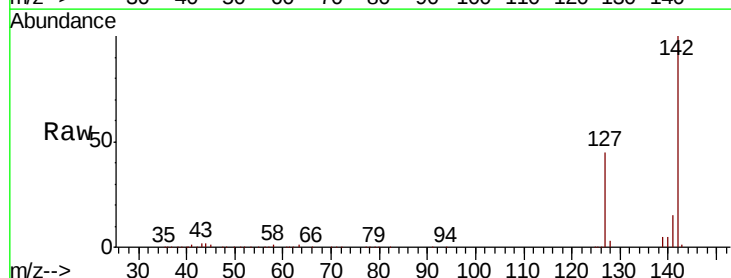
Tgt Ion:142 Resp: 112971

Ion Ratio Lower Upper

142 100

127 45.0 36.0 54.0

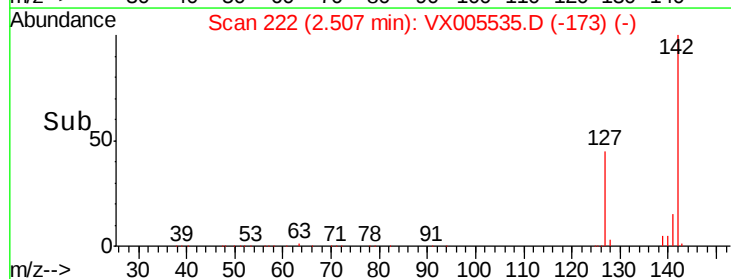
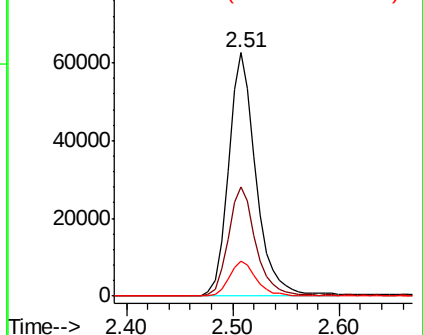
141 14.6 11.7 17.5

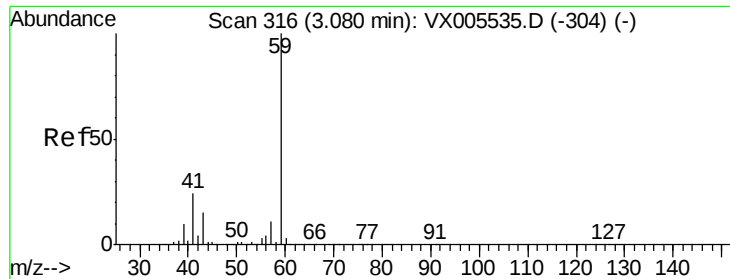


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

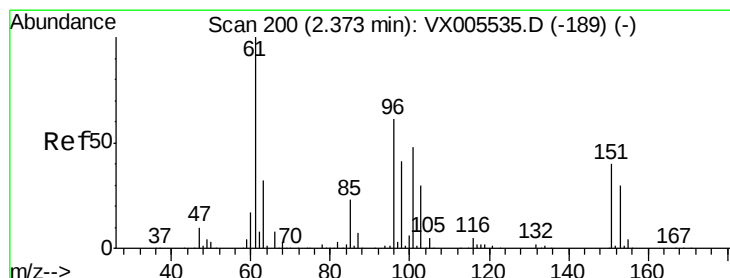
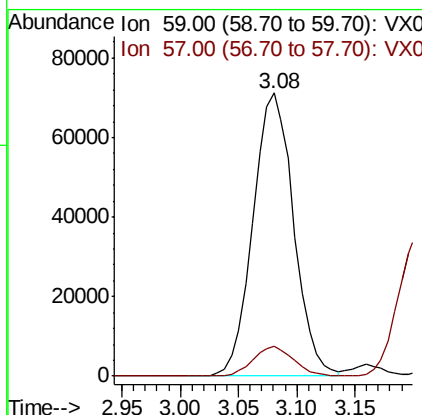
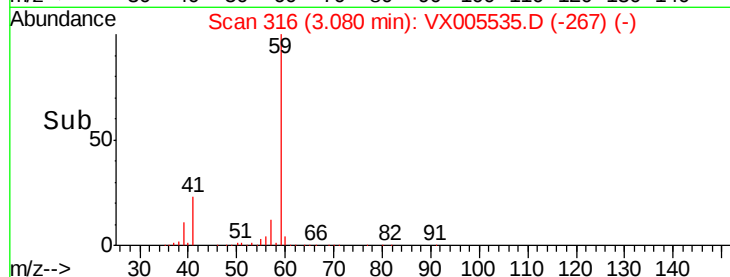
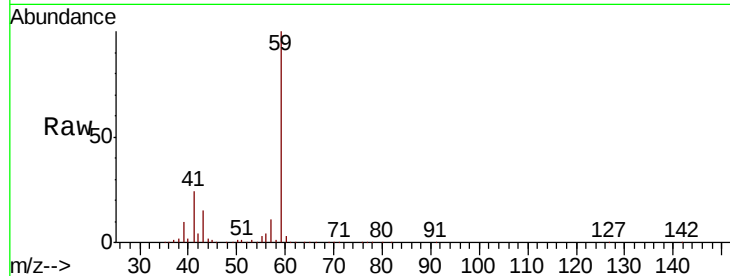




#11
Tert butyl alcohol
Concen: 244.582 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

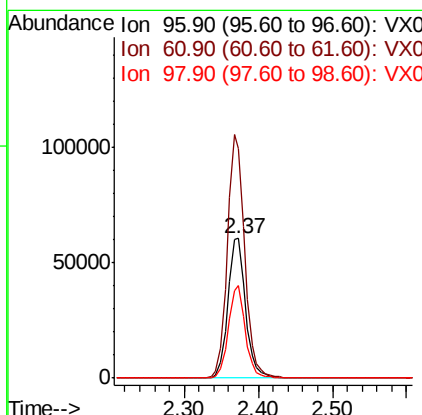
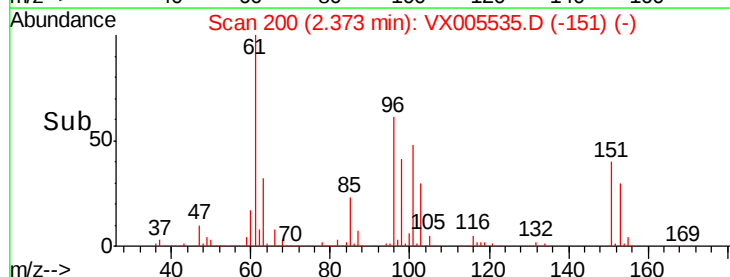
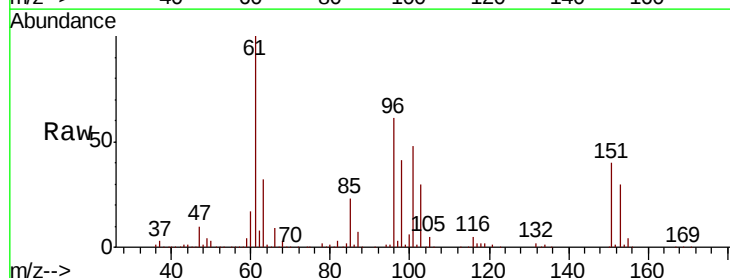
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

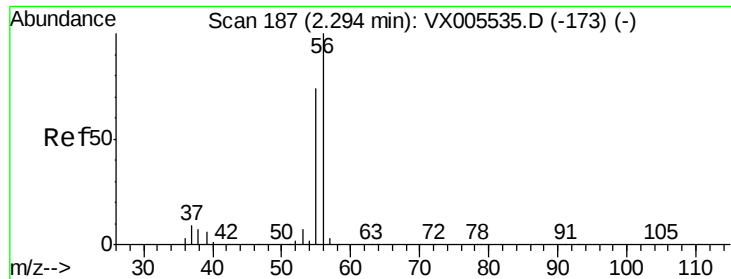
Tgt Ion: 59 Resp: 173246
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.594 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 96 Resp: 100388
Ion Ratio Lower Upper
96 100
61 164.8 131.8 197.8
98 66.8 53.4 80.2

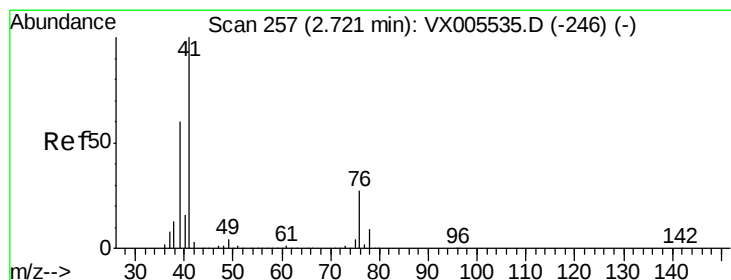
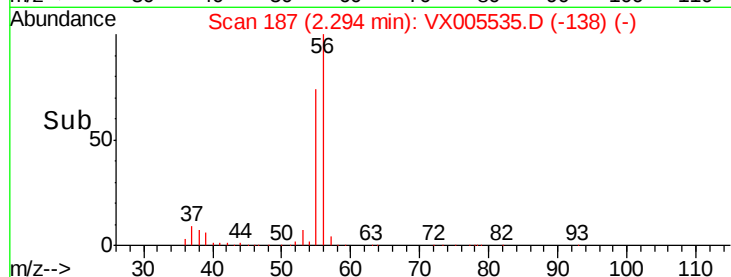
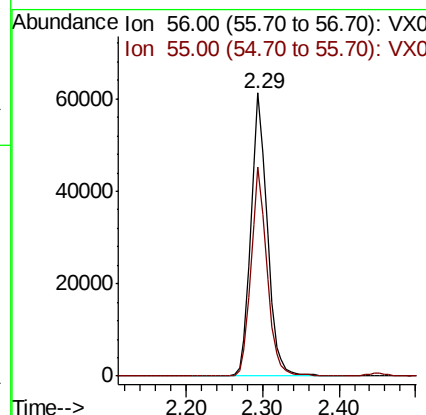
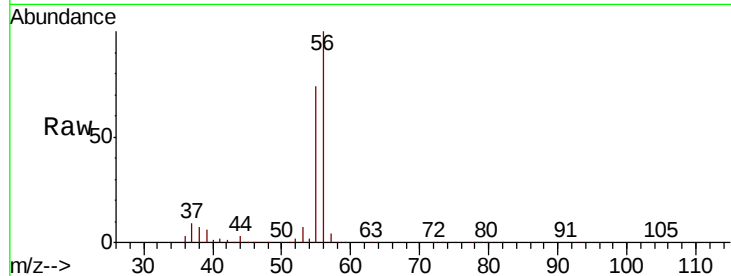




#13
Acrolein
Concen: 254.302 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

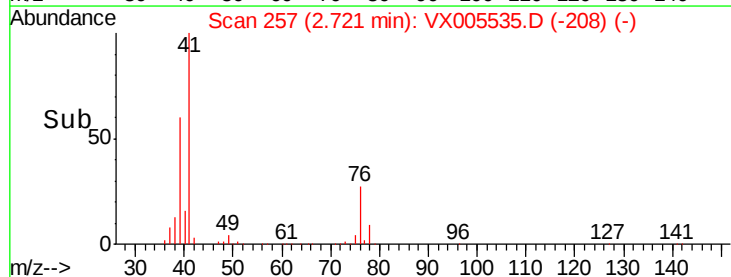
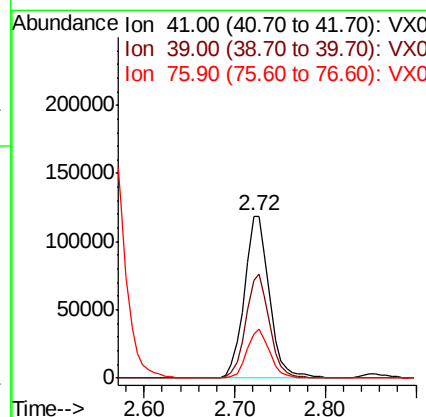
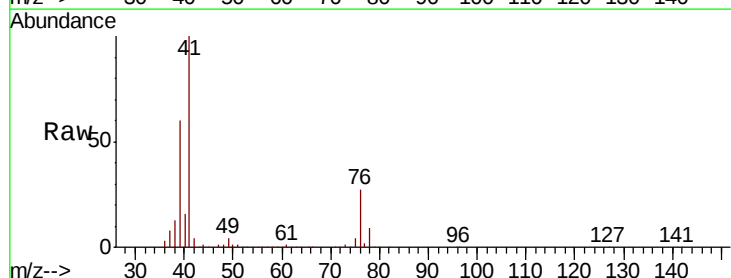
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

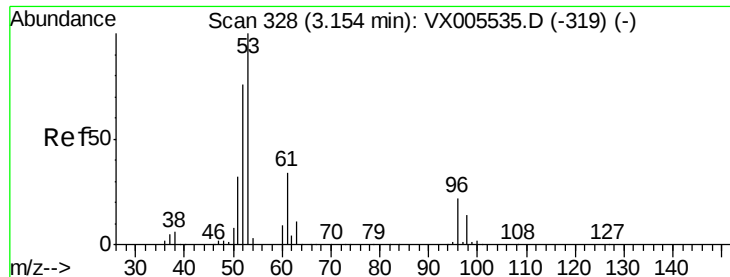
Tgt Ion: 56 Resp: 91886
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9



#14
Allyl chloride
Concen: 50.009 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 41 Resp: 225919
Ion Ratio Lower Upper
41 100
39 60.3 48.2 72.4
76 27.4 21.9 32.9





#15

Acrylonitrile

Concen: 247.327 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

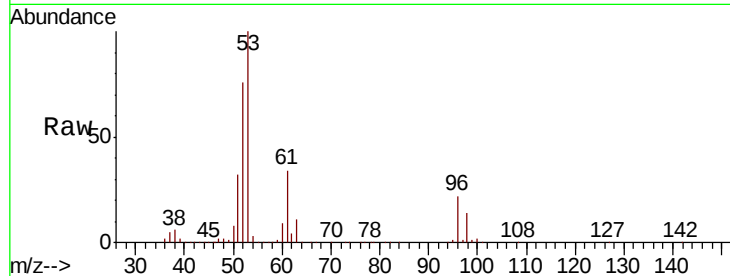
Tgt Ion: 53 Resp: 392843

Ion Ratio Lower Upper

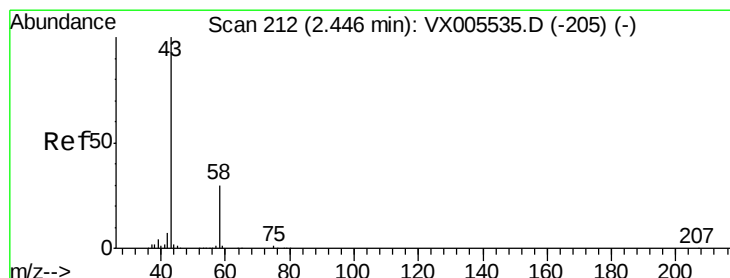
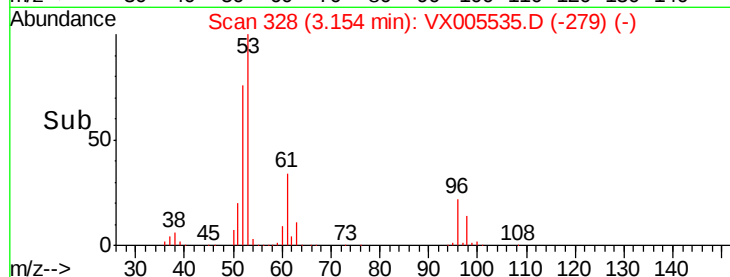
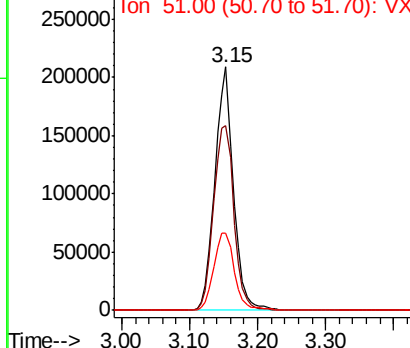
53 100

52 83.2 66.6 99.8

51 35.5 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.765 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005535.D

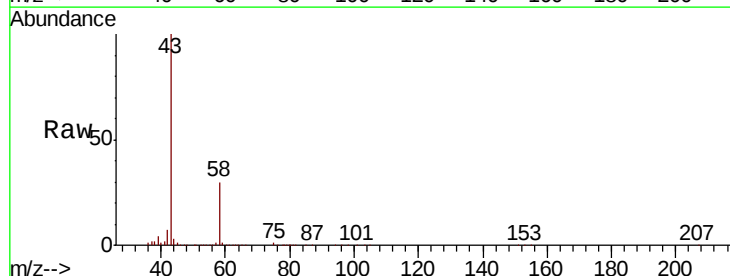
Acq: 24 Oct 2018 11:59

Tgt Ion: 43 Resp: 340449

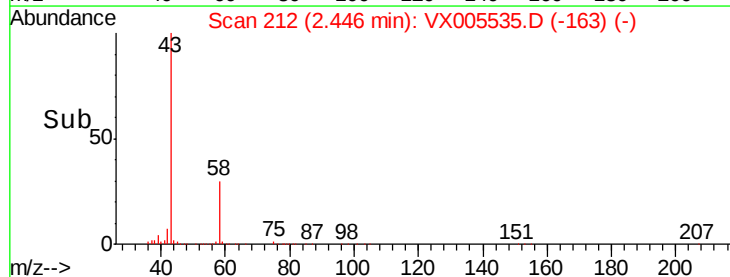
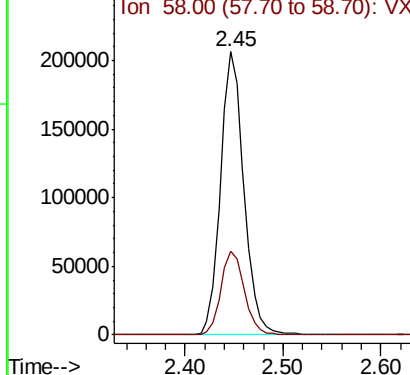
Ion Ratio Lower Upper

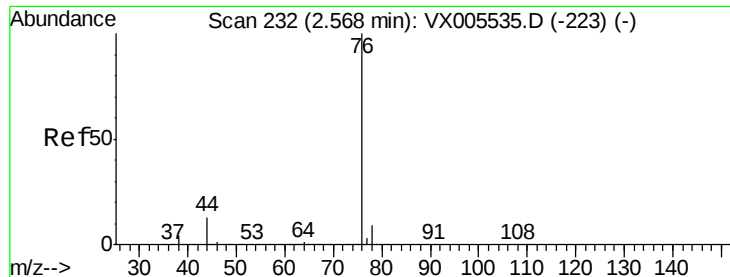
43 100

58 29.7 23.8 35.6



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

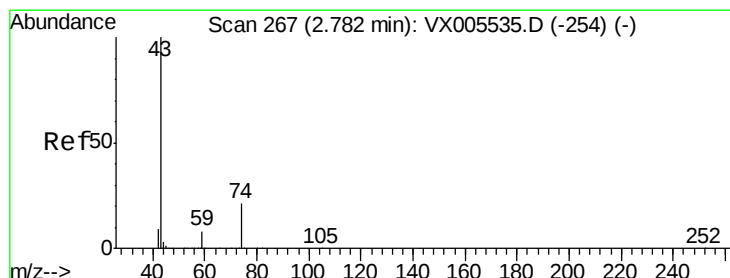
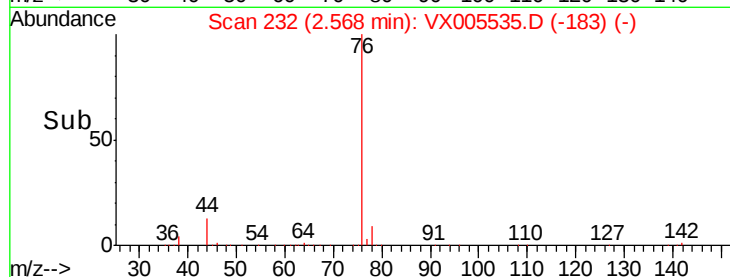
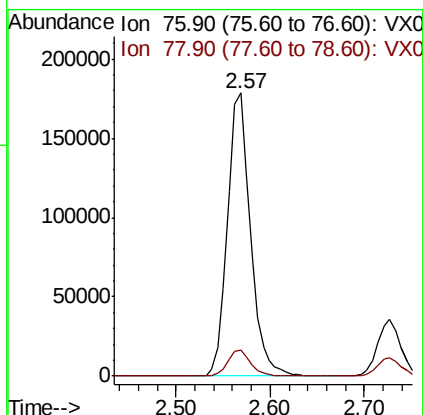
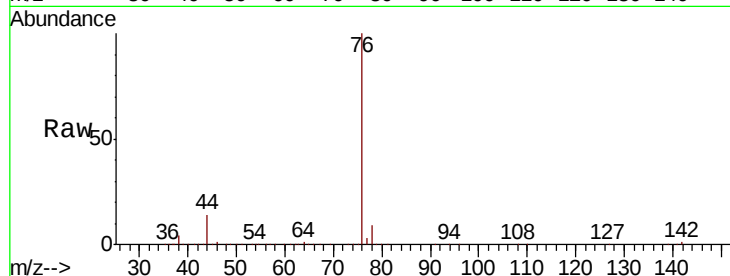




#17
Carbon Disulfide
Concen: 49.303 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

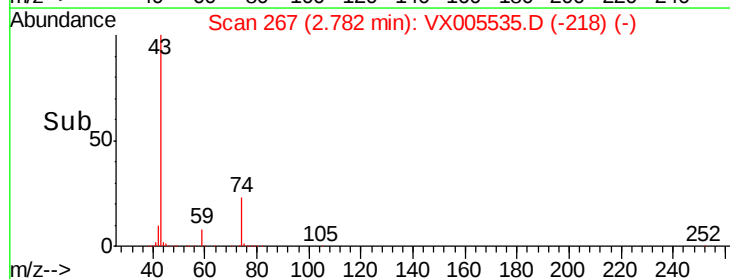
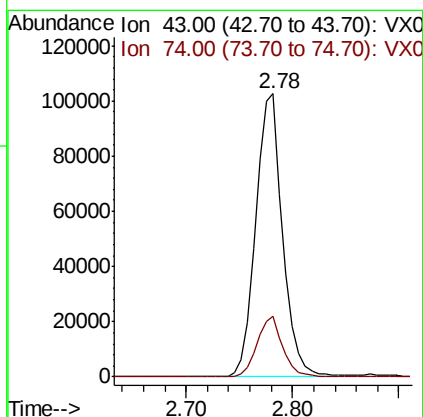
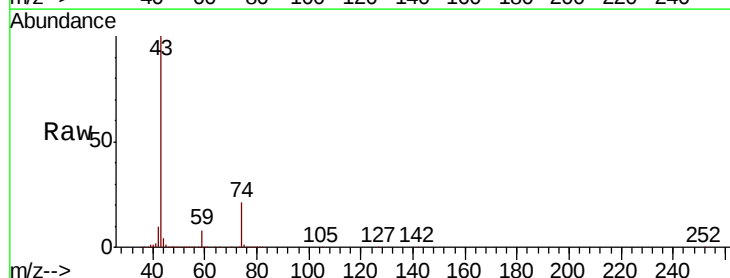
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

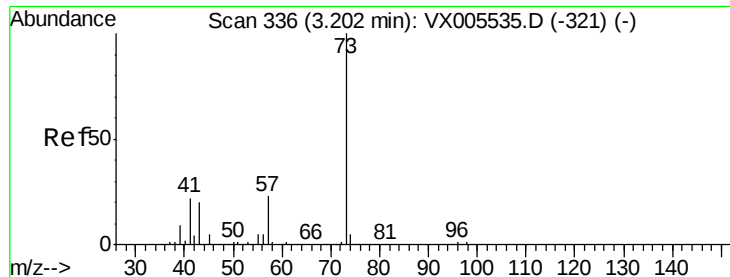
Tgt Ion: 76 Resp: 304216
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.346 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 43 Resp: 180585
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2

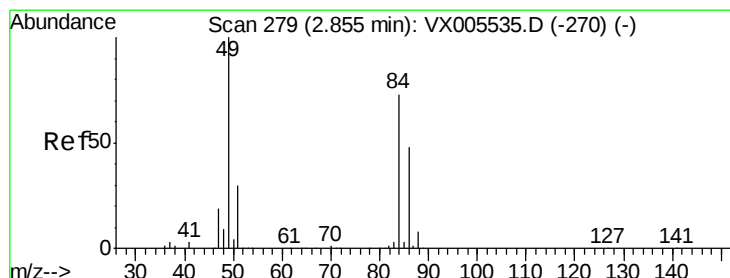
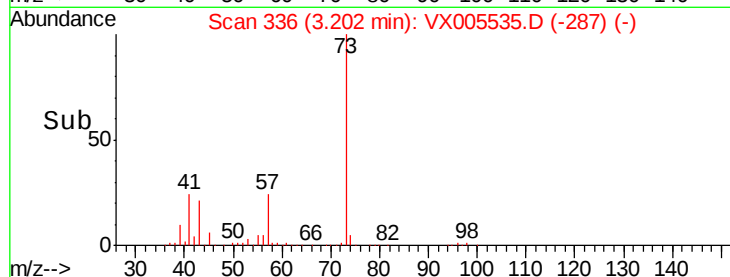
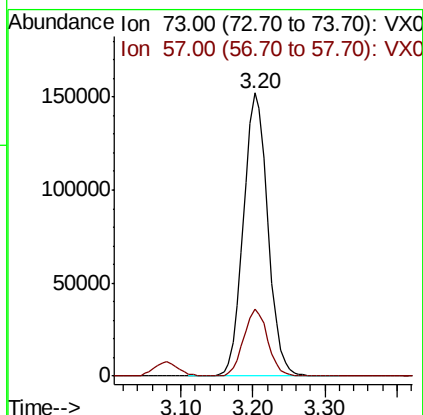
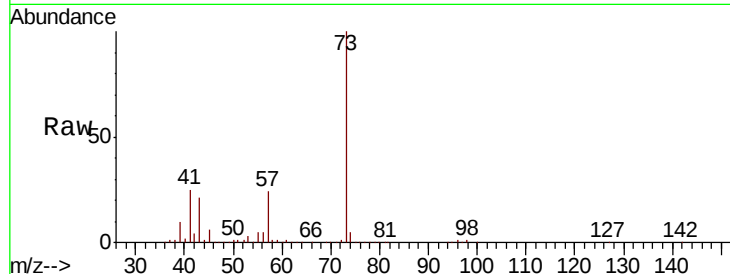




#19
Methyl tert-butyl Ether
Concen: 49.474 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

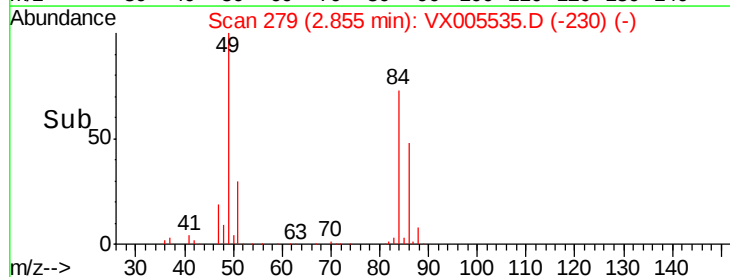
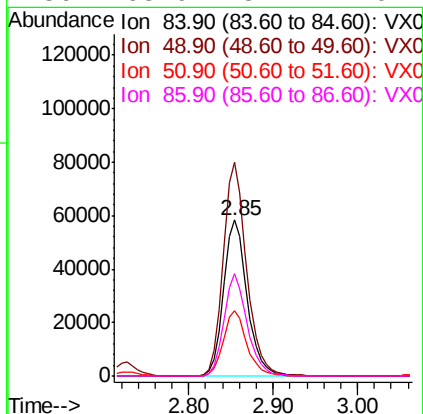
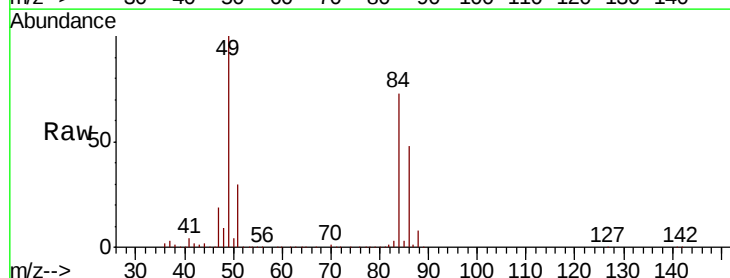
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

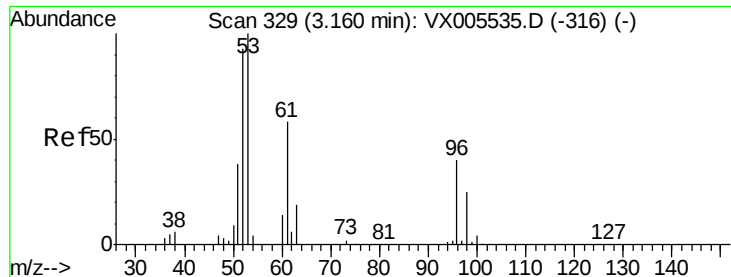
Tgt Ion: 73 Resp: 357230
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2



#20
Methylene Chloride
Concen: 48.053 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 84 Resp: 111943
Ion Ratio Lower Upper
84 100
49 136.9 109.5 164.3
51 41.6 33.3 49.9
86 65.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.459 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

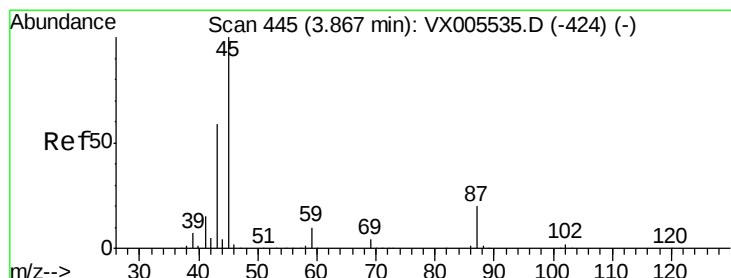
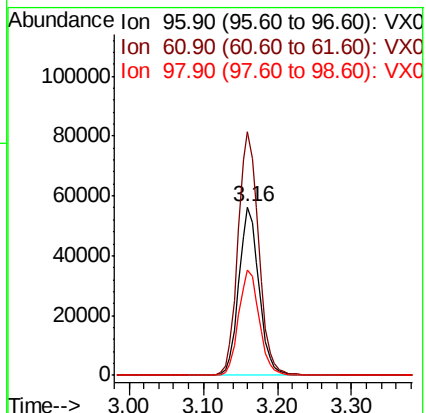
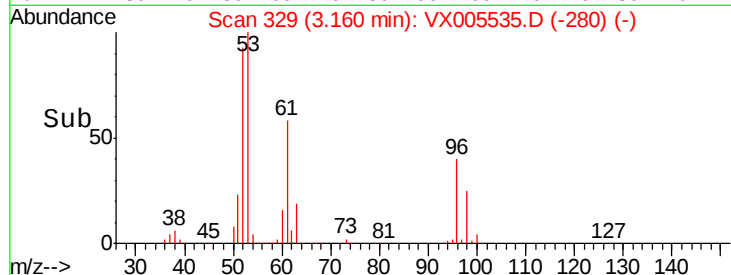
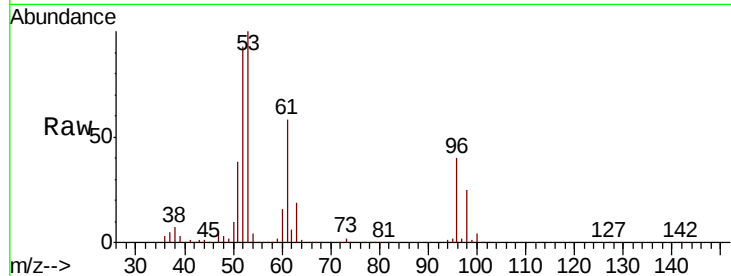
Tgt Ion: 96 Resp: 107099

Ion Ratio Lower Upper

96 100

61 144.5 115.6 173.4

98 62.7 50.2 75.2



#22

Diisopropyl ether

Concen: 49.086 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion: 45 Resp: 387238

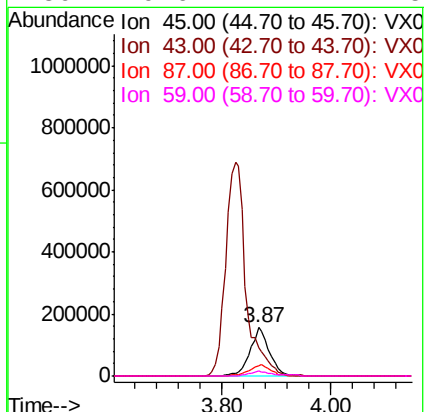
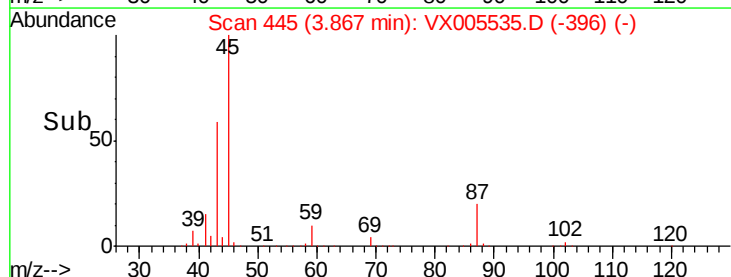
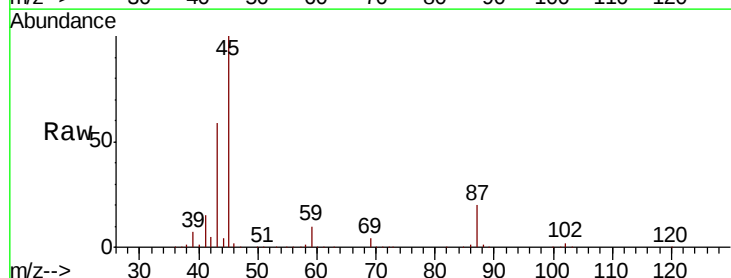
Ion Ratio Lower Upper

45 100

43 59.3 47.4 71.2

87 19.9 15.9 23.9

59 9.6 7.7 11.5





#23

Vinyl Acetate

Concen: 258.483 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

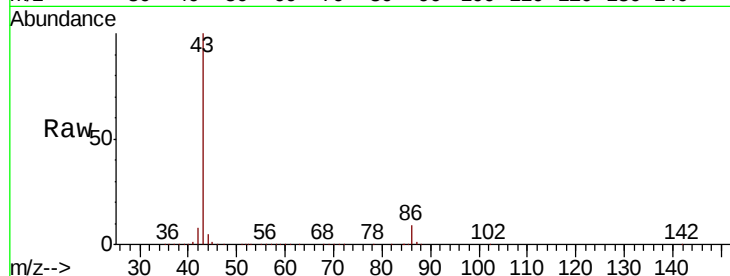
VSTDICCC050

Tgt Ion: 43 Resp: 1795914

Ion Ratio Lower Upper

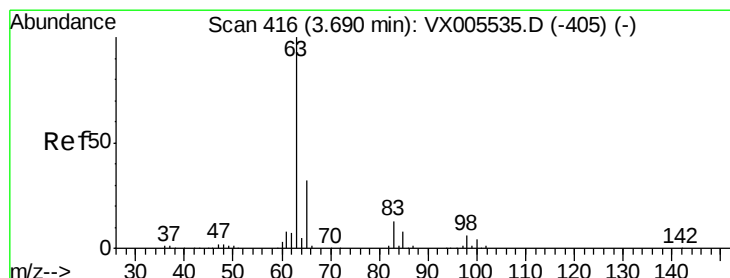
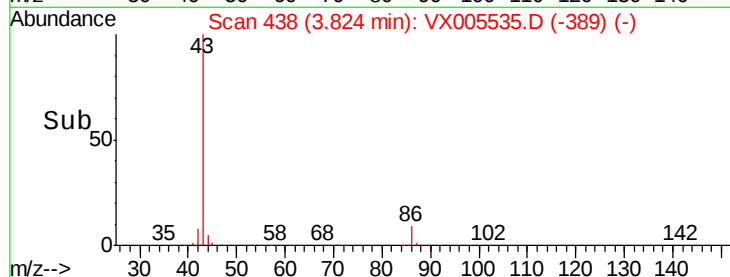
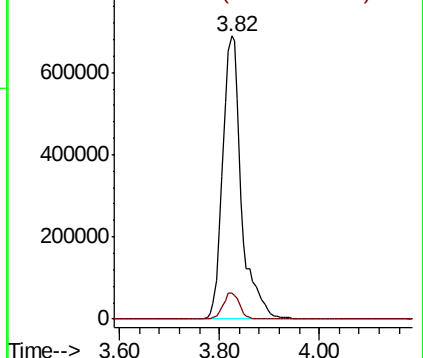
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.049 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

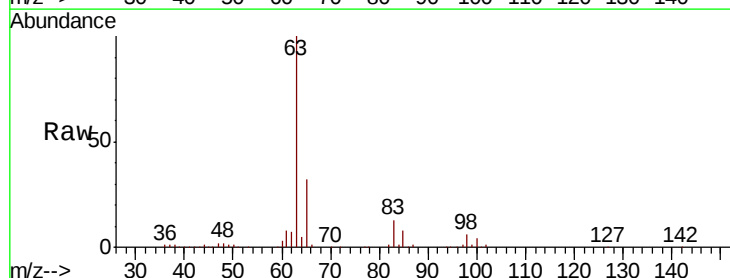
Tgt Ion: 63 Resp: 206087

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

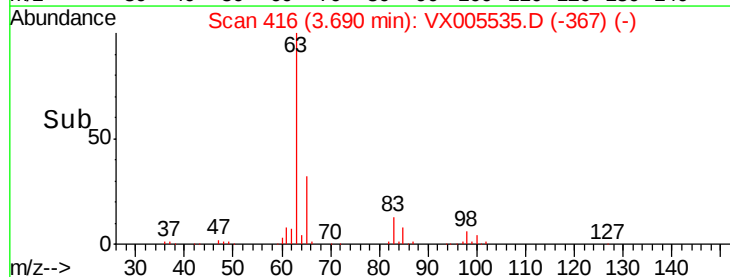
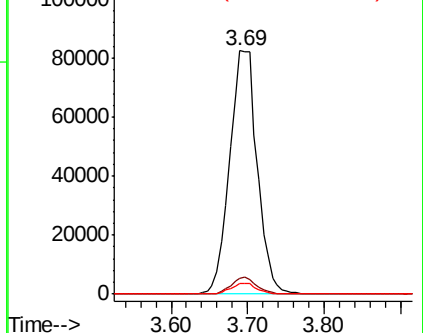
100 4.1 2.1 6.2

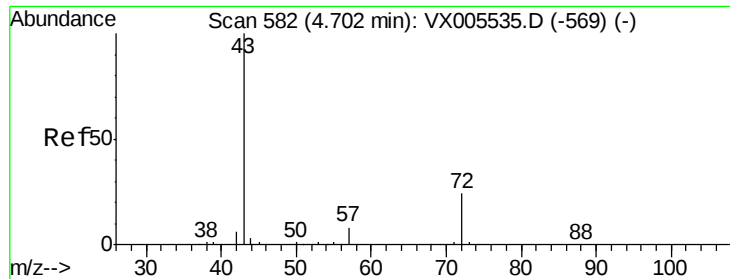


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.052 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

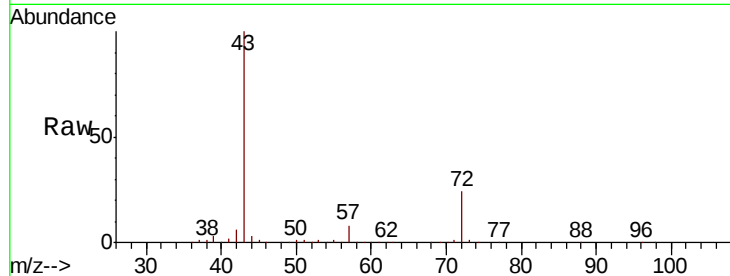
VSTDICCC050

Tgt Ion: 43 Resp: 510572

Ion Ratio Lower Upper

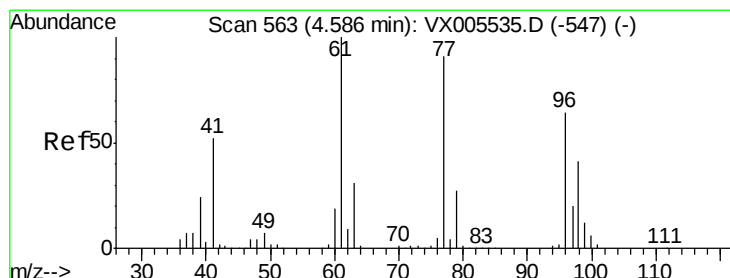
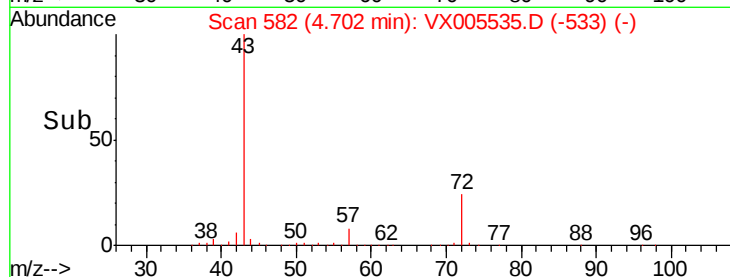
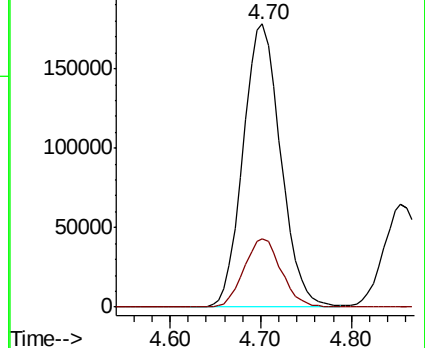
43 100

72 24.0 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: 48.364 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005535.D

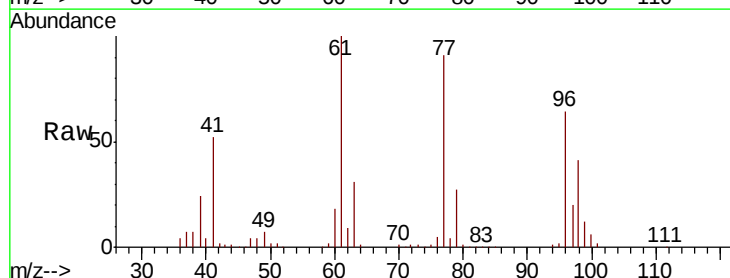
Acq: 24 Oct 2018 11:59

Tgt Ion: 77 Resp: 160151

Ion Ratio Lower Upper

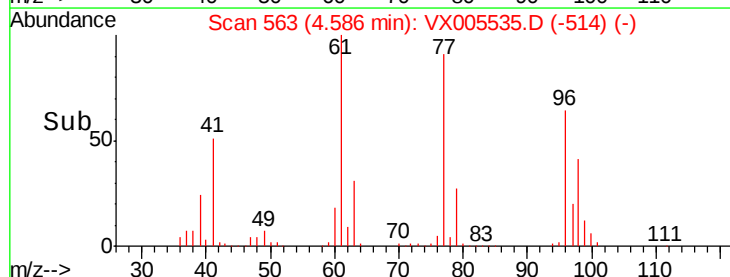
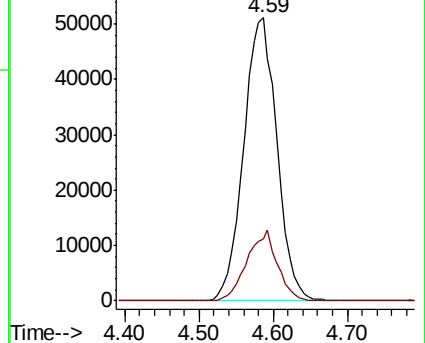
77 100

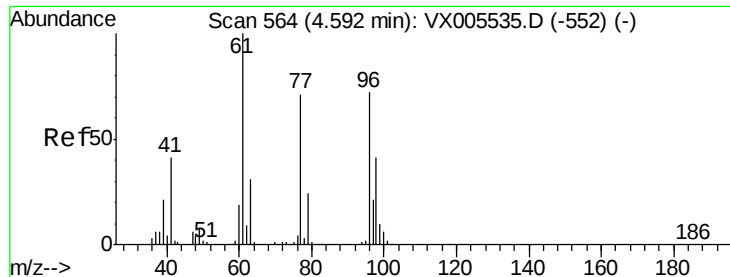
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



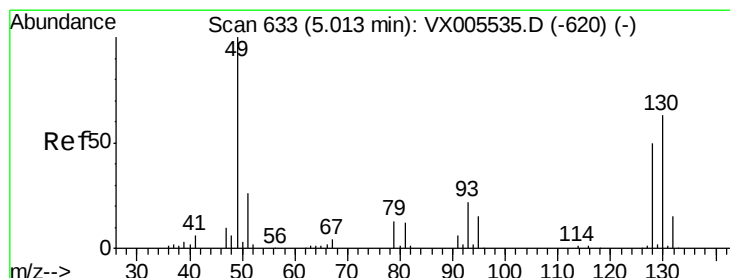
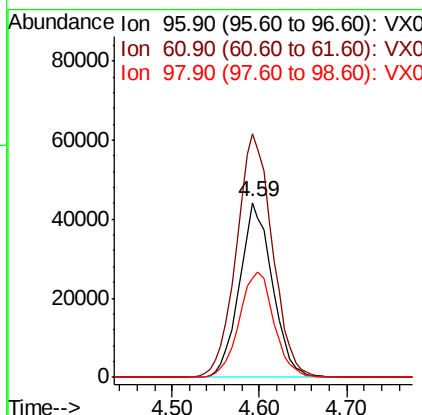
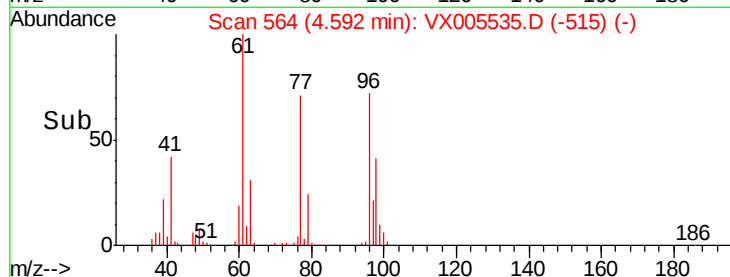
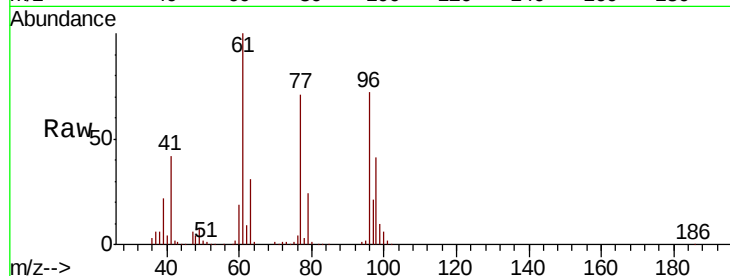


#27

cis-1,2-Dichloroethene
Concen: 48.383 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

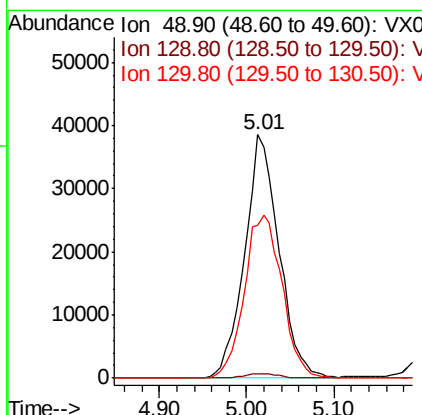
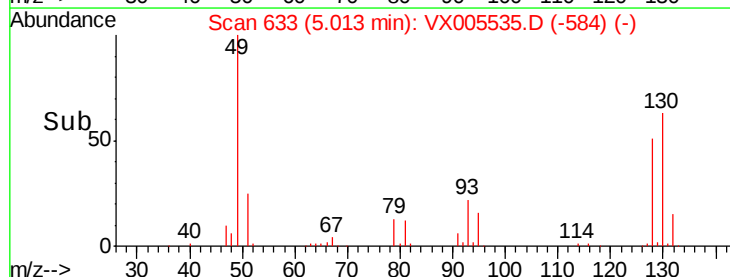
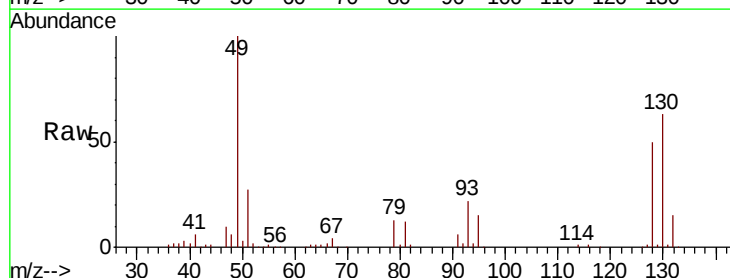
Tgt Ion: 96 Resp: 115280
Ion Ratio Lower Upper
96 100
61 152.3 0.0 304.6
98 63.7 0.0 127.4

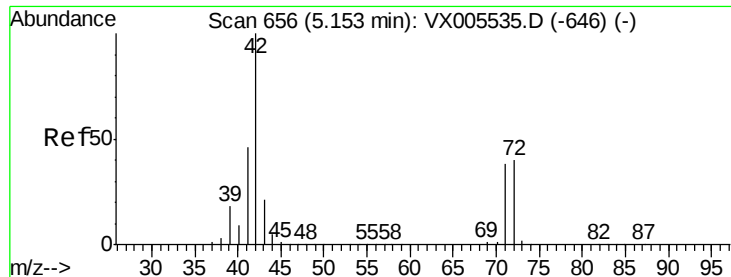


#28

Bromochloromethane
Concen: 50.603 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 49 Resp: 104975
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 73.6 58.9 88.3





#29

Tetrahydrofuran

Concen: 245.608 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

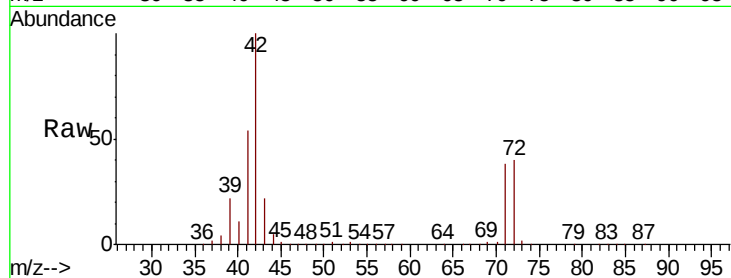
Tgt Ion: 42 Resp: 338549

Ion Ratio Lower Upper

42 100

72 40.0 32.0 48.0

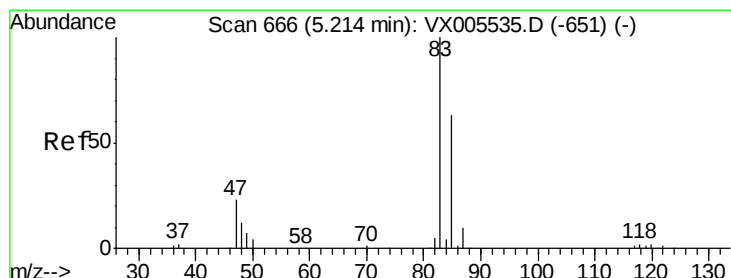
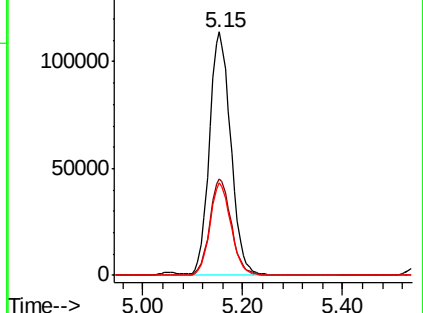
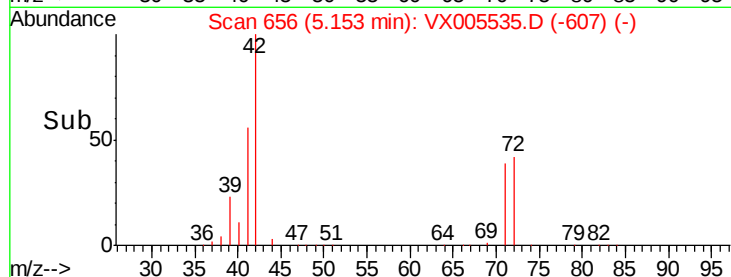
71 37.3 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.333 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005535.D

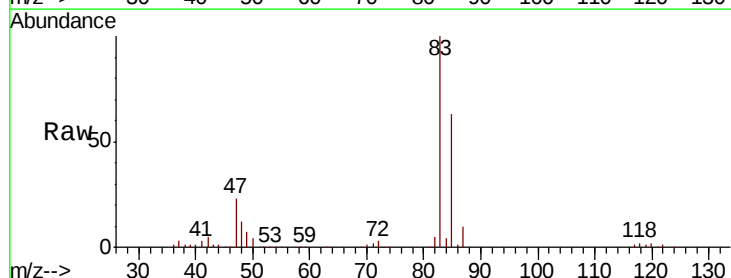
Acq: 24 Oct 2018 11:59

Tgt Ion: 83 Resp: 193913

Ion Ratio Lower Upper

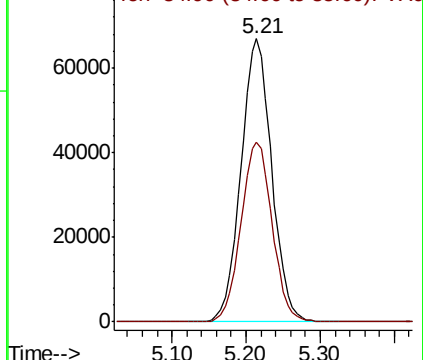
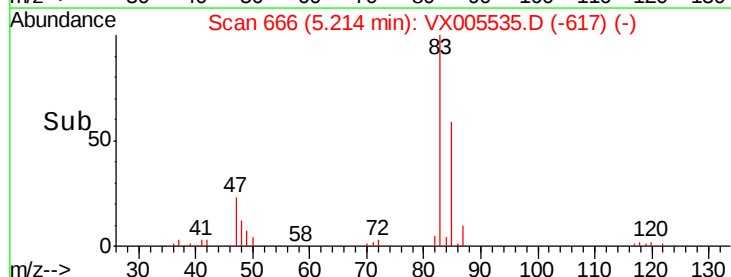
83 100

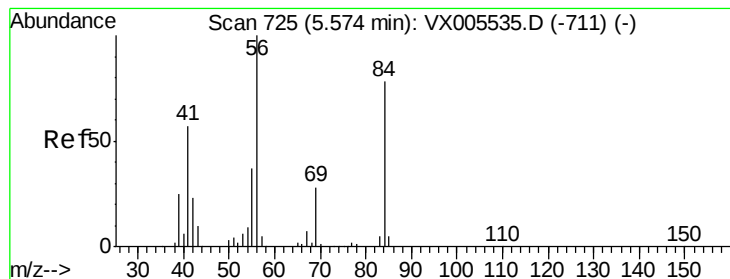
85 63.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.421 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

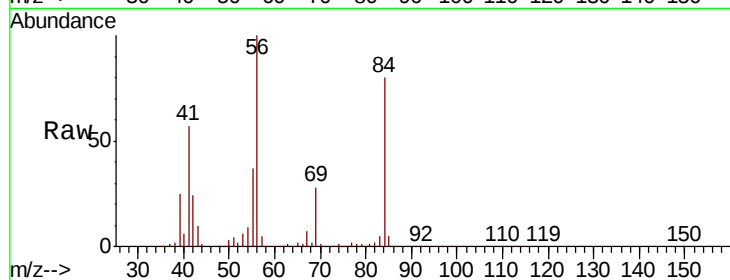
Tgt Ion: 56 Resp: 186029

Ion Ratio Lower Upper

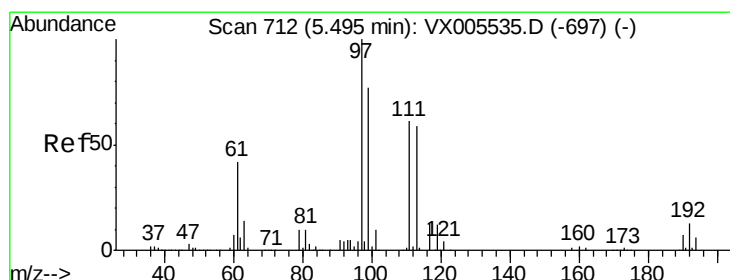
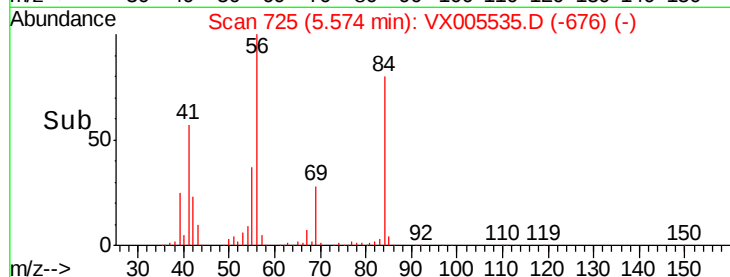
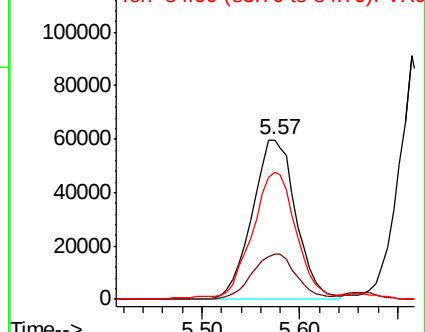
56 100

69 28.3 22.6 34.0

84 78.4 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: 50.508 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

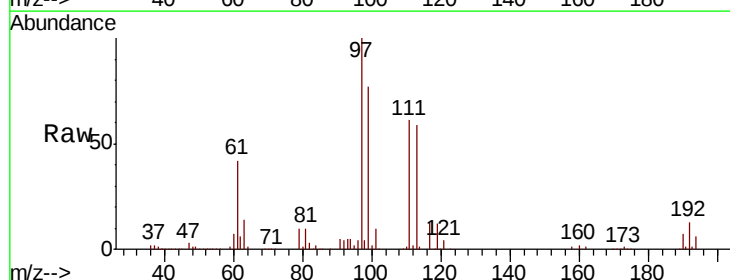
Tgt Ion: 97 Resp: 178852

Ion Ratio Lower Upper

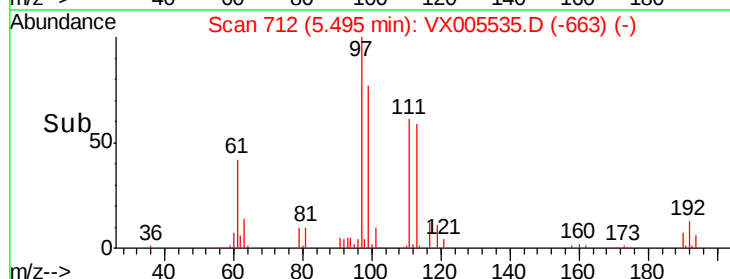
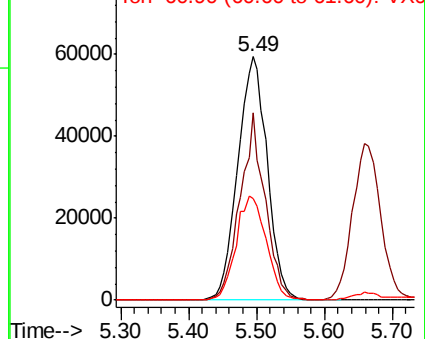
97 100

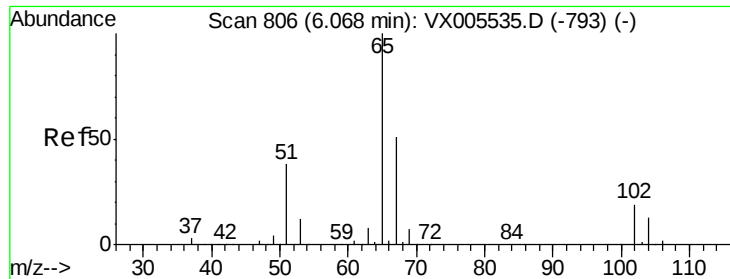
99 65.4 52.3 78.5

61 44.0 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: 49.885 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

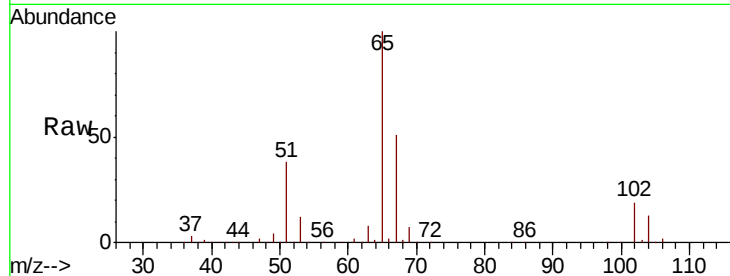
VSTDICCC050

Tgt Ion: 65 Resp: 131310

Ion Ratio Lower Upper

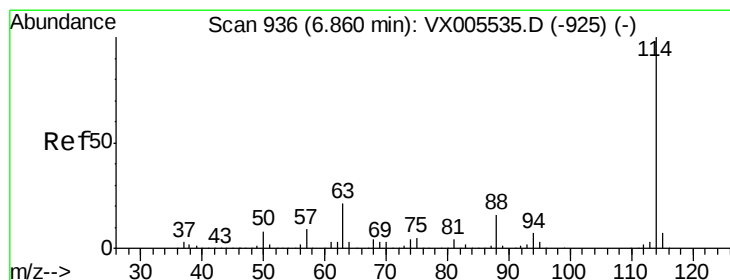
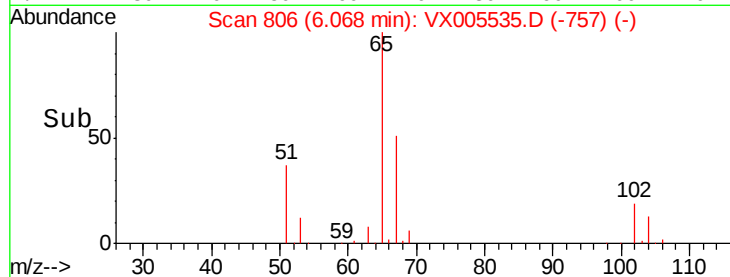
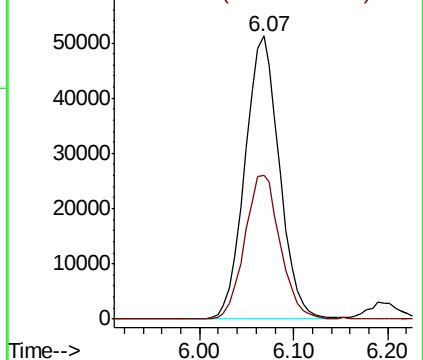
65 100

67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

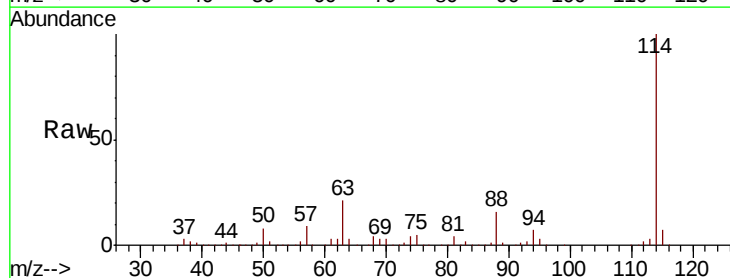
Tgt Ion: 114 Resp: 310210

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

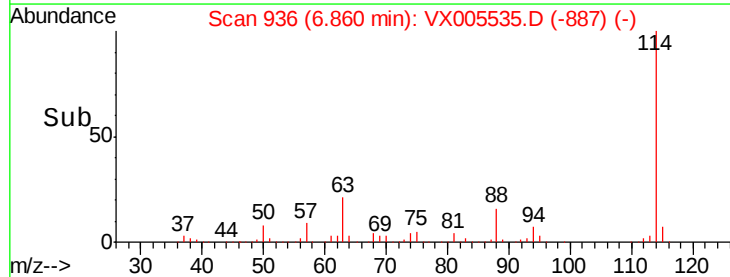
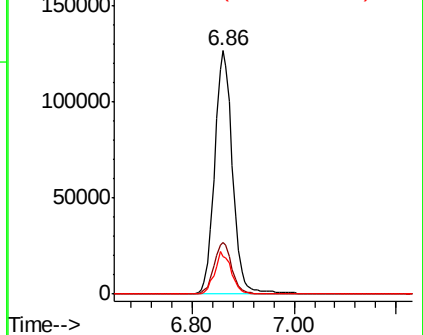
88 15.6 0.0 31.2

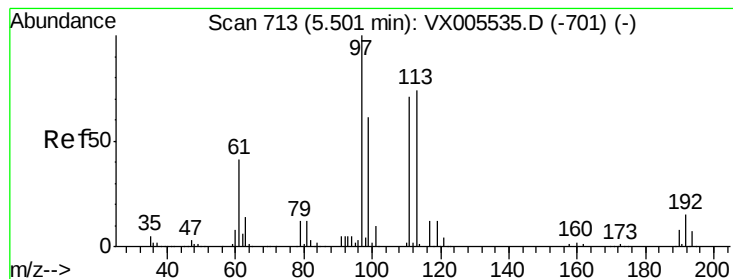


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.176 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

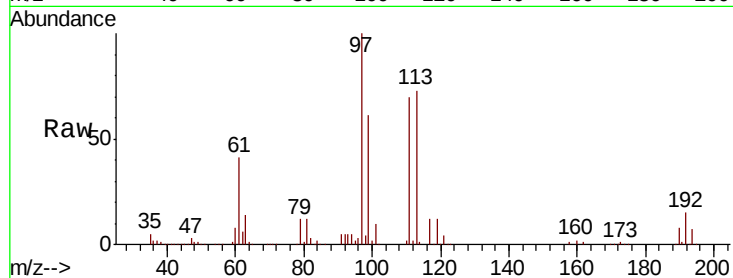
Tgt Ion:113 Resp: 107495

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

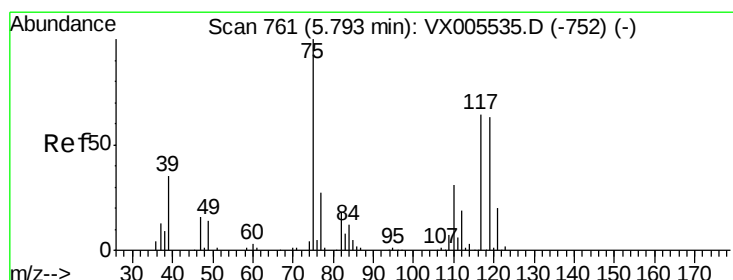
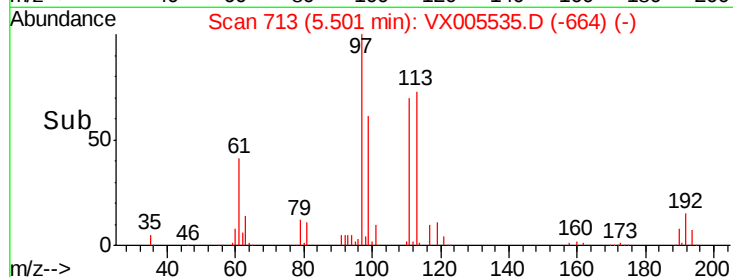
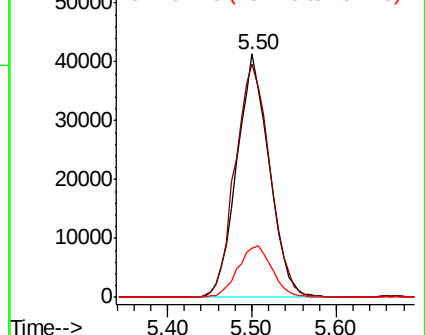
192 22.4 17.9 26.9



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: 49.808 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

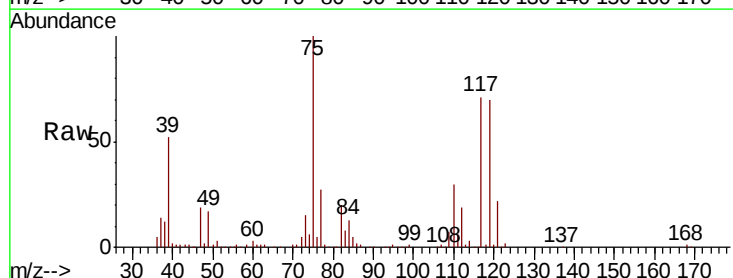
Tgt Ion: 75 Resp: 149945

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

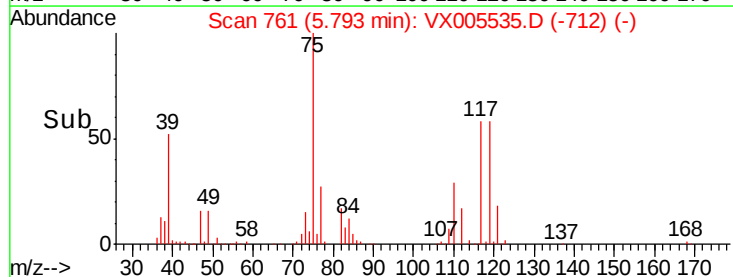
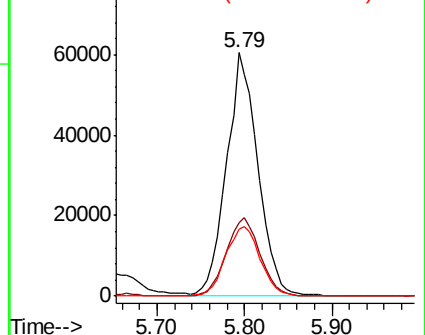
77 32.2 25.8 38.6

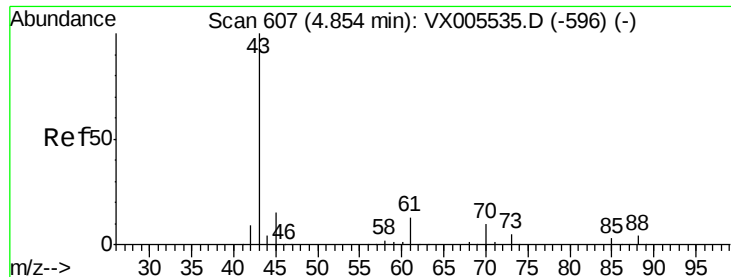


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

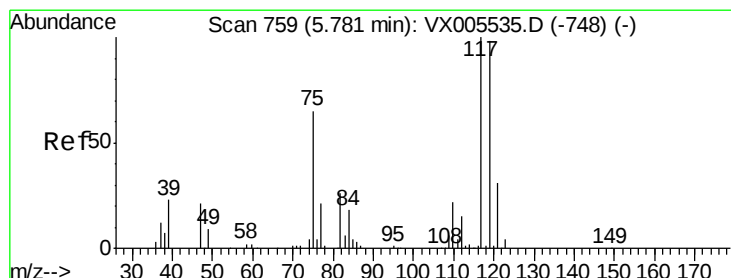
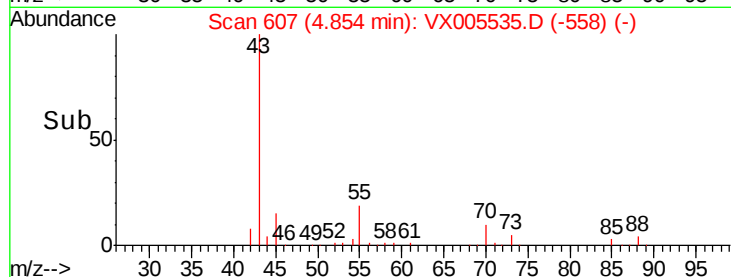
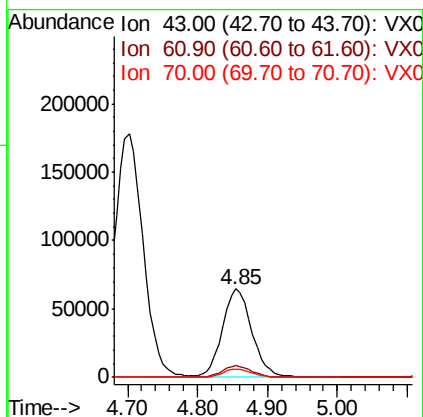
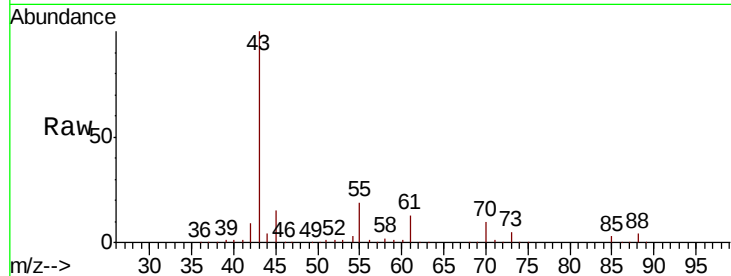




#37
Ethyl Acetate
Concen: 49.017 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

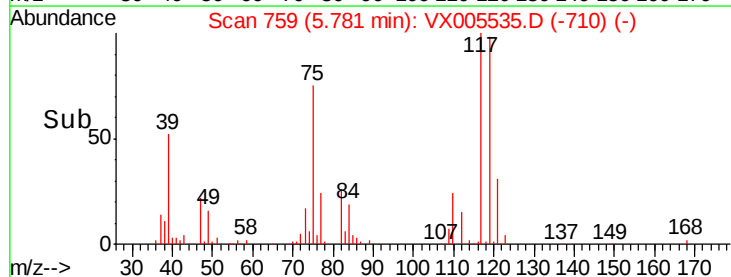
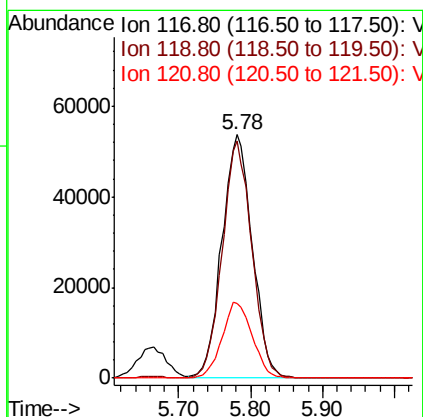
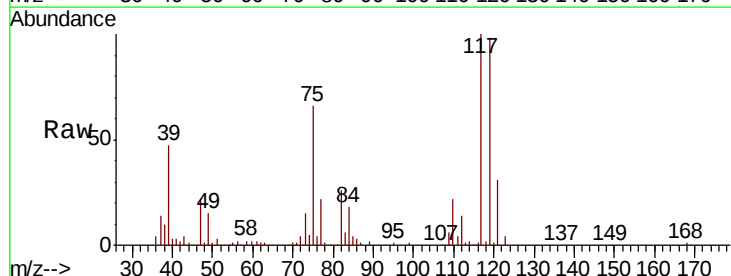
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

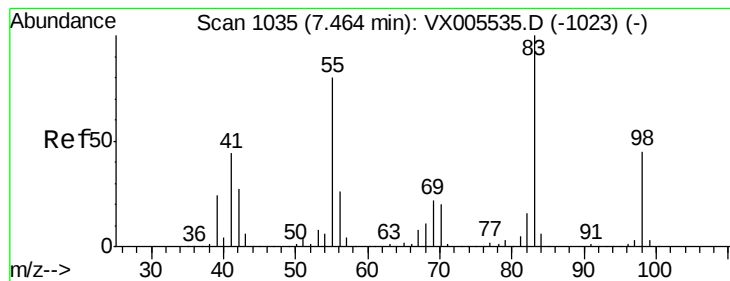
Tgt Ion: 43 Resp: 188303
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.623 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 117 Resp: 157340
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 53.416 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

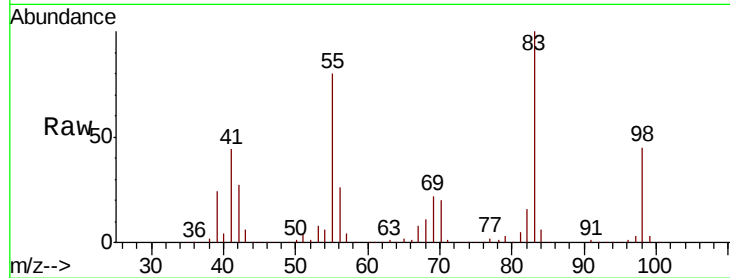
Tgt Ion: 83 Resp: 177569

Ion Ratio Lower Upper

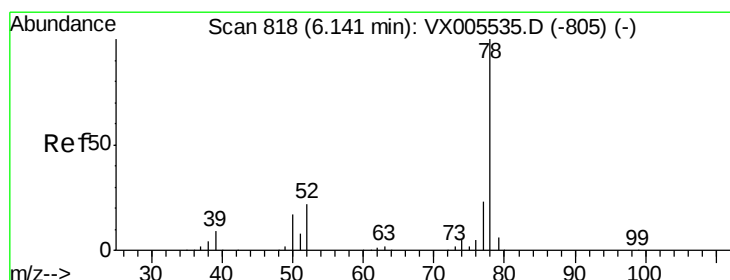
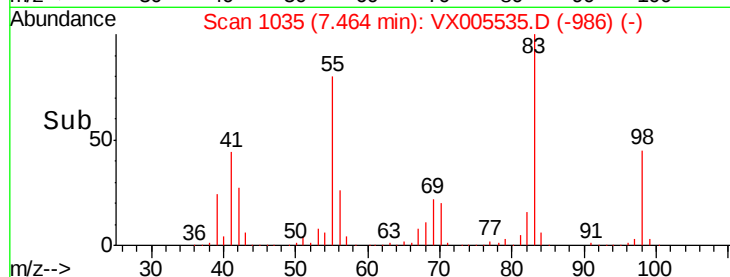
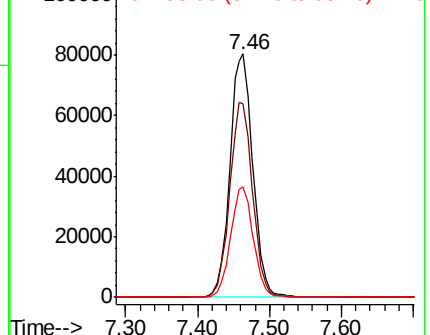
83 100

55 79.6 63.7 95.5

98 45.2 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.273 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX005535.D

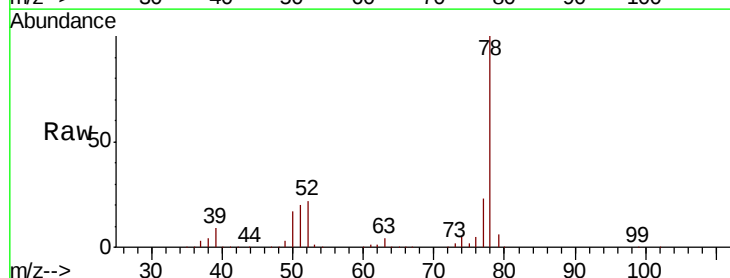
Acq: 24 Oct 2018 11:59

Tgt Ion: 78 Resp: 433844

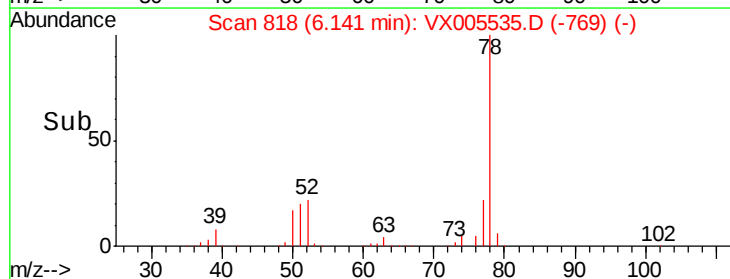
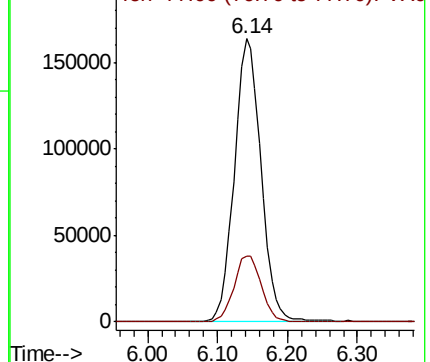
Ion Ratio Lower Upper

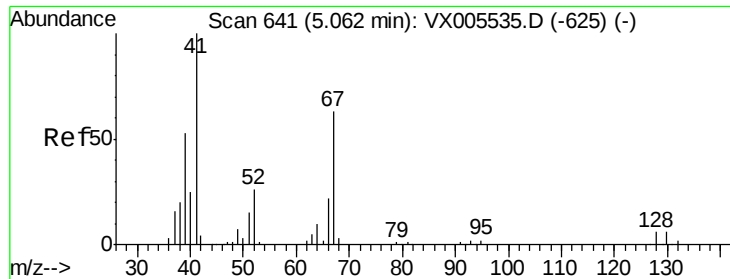
78 100

77 23.0 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

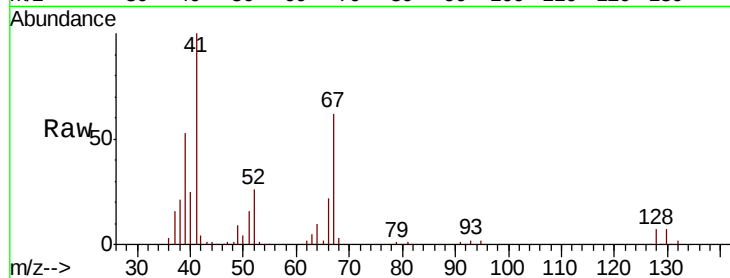




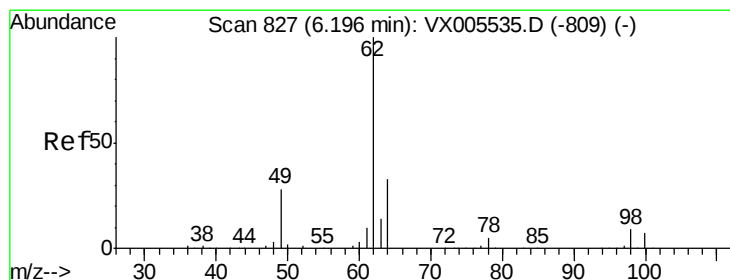
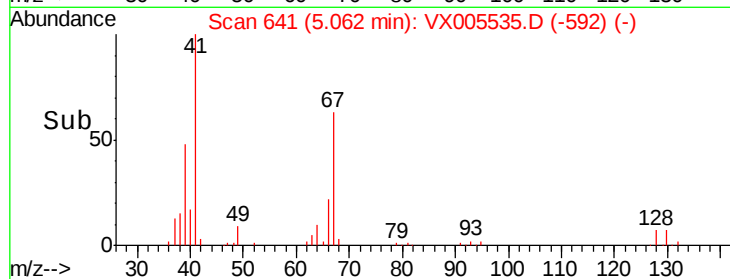
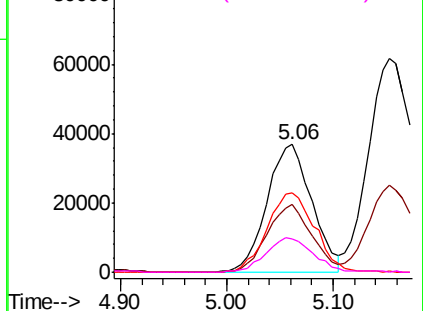
#41
Methacrylonitrile
Concen: 50.063 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	107130
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	66.7	53.4	80.0
52	29.3	23.4	35.2

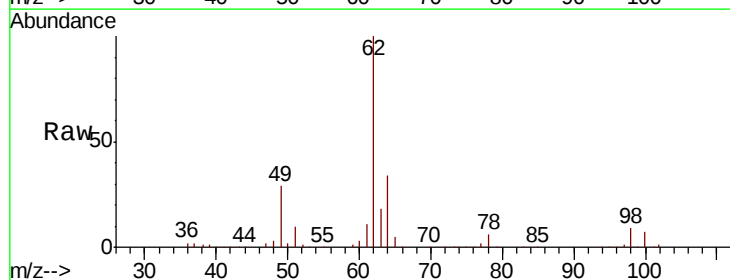


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

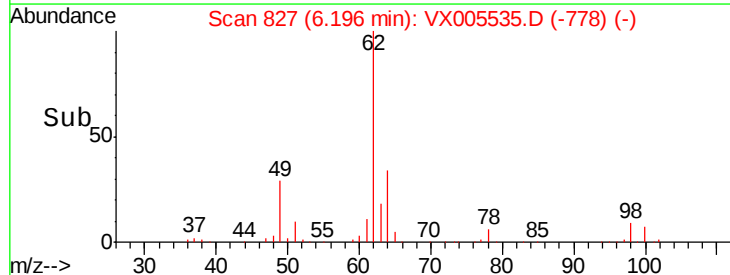
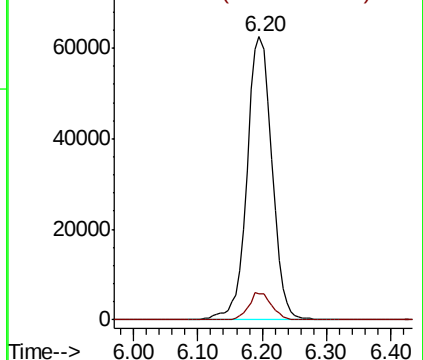


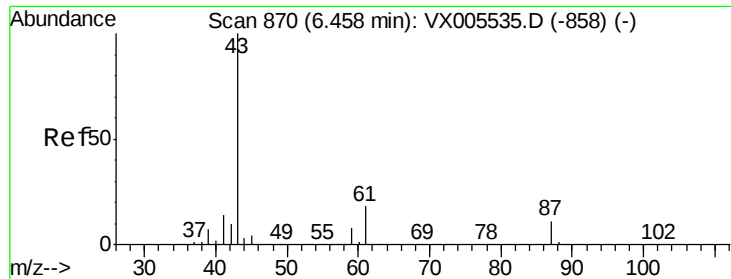
#42
1,2-Dichloroethane
Concen: 50.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:	62	Resp:	164342
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.436 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

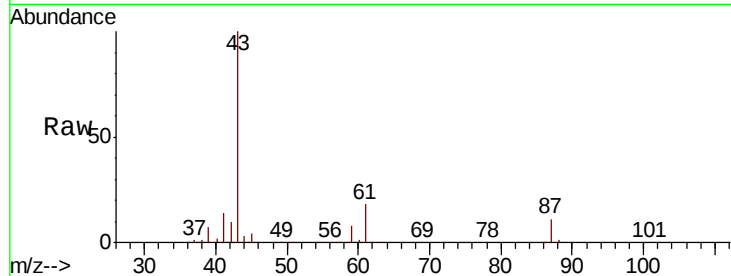
Tgt Ion: 43 Resp: 296099

Ion Ratio Lower Upper

43 100

61 18.3 14.6 22.0

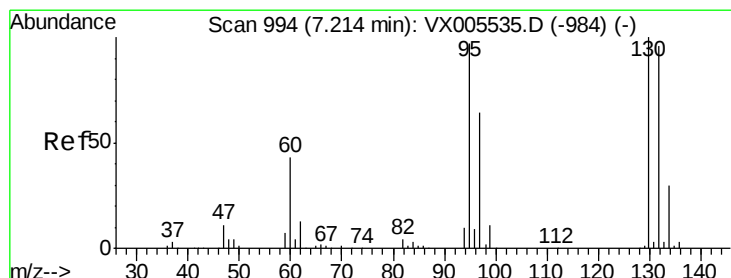
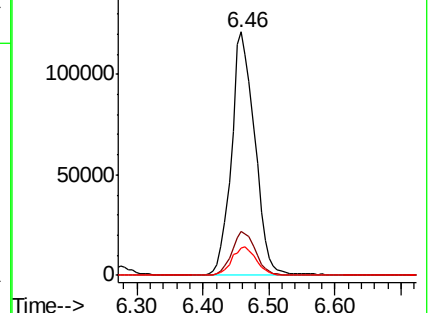
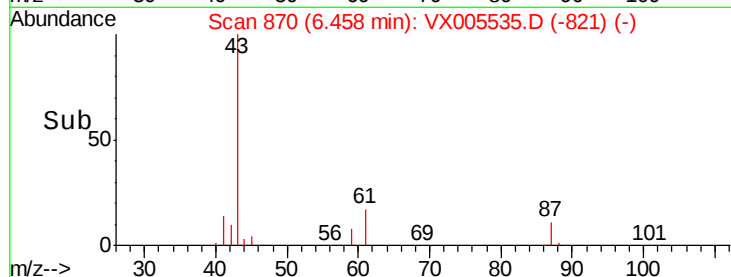
87 12.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.732 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005535.D

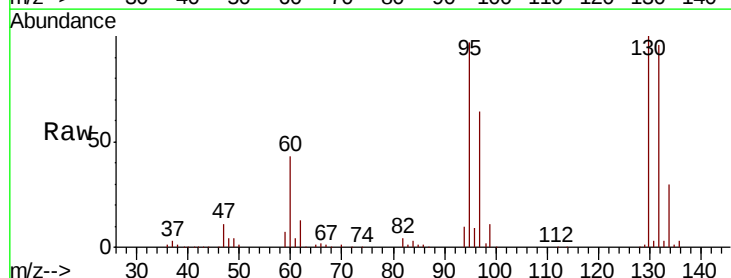
Acq: 24 Oct 2018 11:59

Tgt Ion: 130 Resp: 116919

Ion Ratio Lower Upper

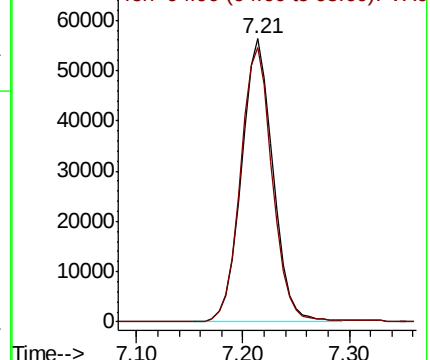
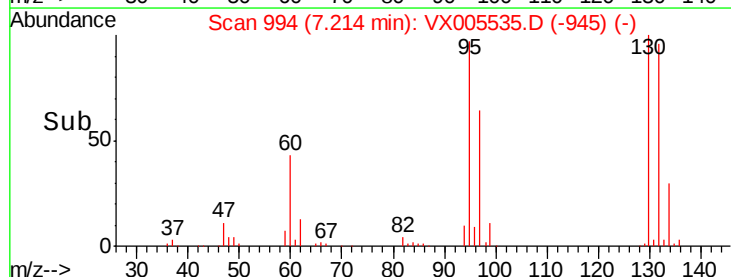
130 100

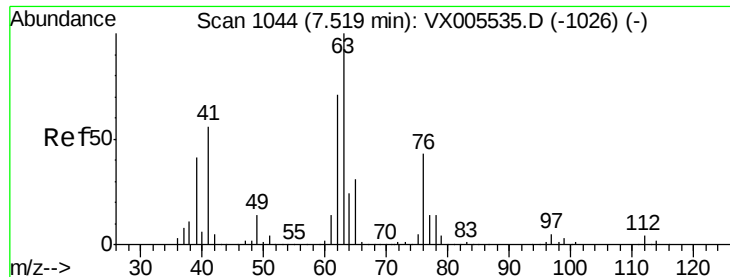
95 97.1 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.789 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

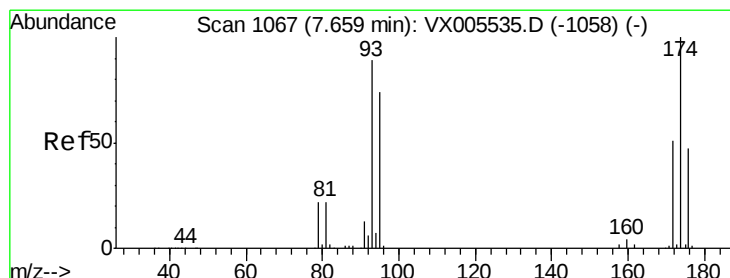
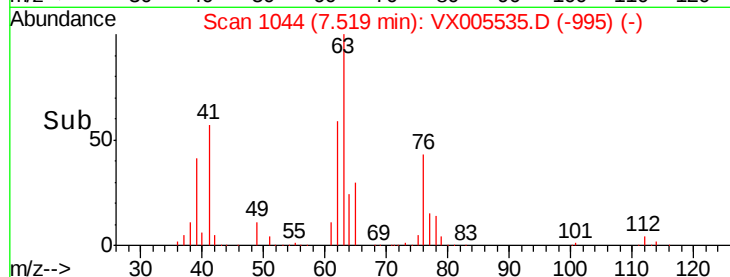
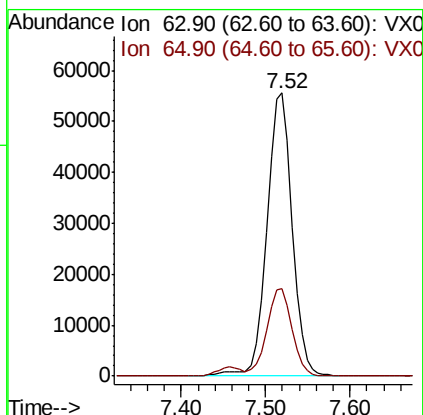
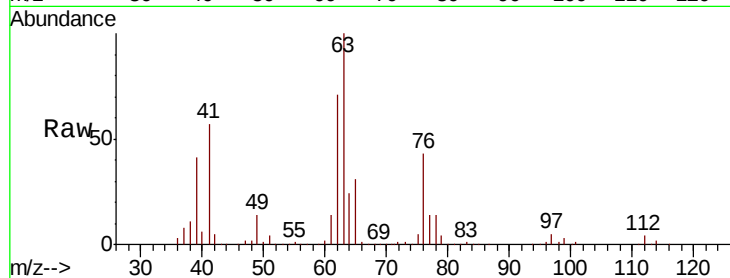
VSTDICCC050

Tgt Ion: 63 Resp: 115517

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 50.269 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

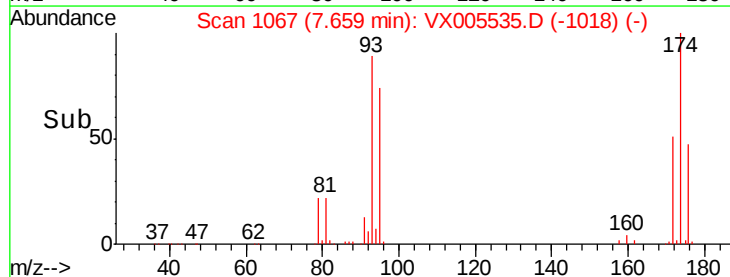
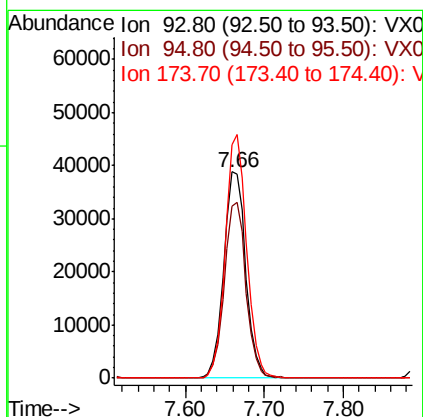
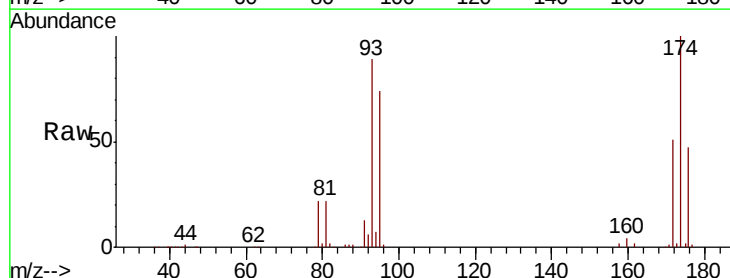
Tgt Ion: 93 Resp: 75328

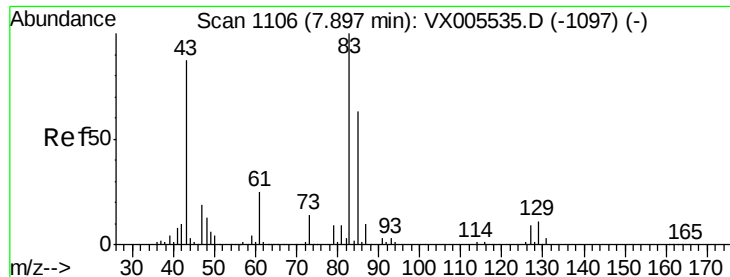
Ion Ratio Lower Upper

93 100

95 84.2 67.4 101.0

174 114.4 91.5 137.3





#47

Bromodichloromethane

Concen: 50.642 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

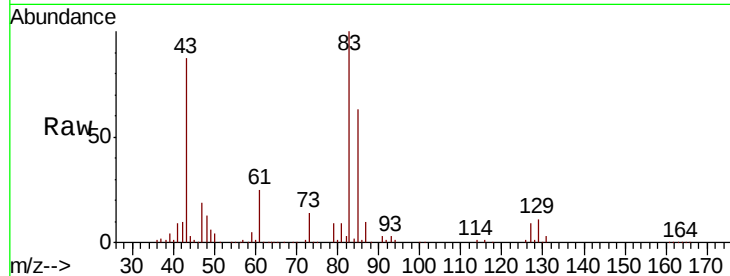
Tgt Ion: 83 Resp: 147284

Ion Ratio Lower Upper

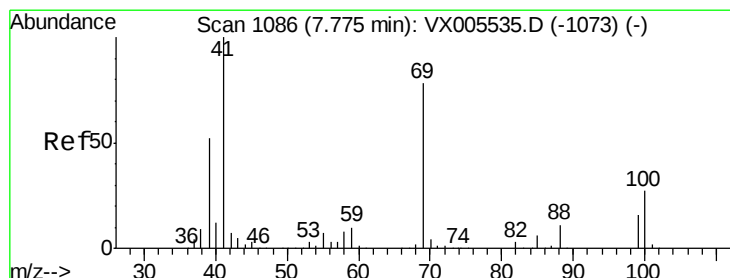
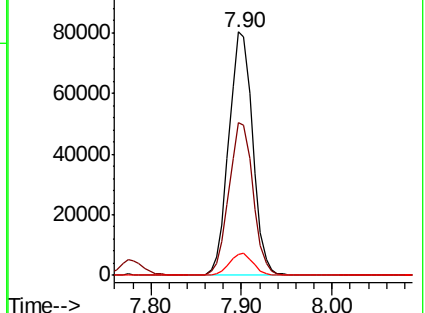
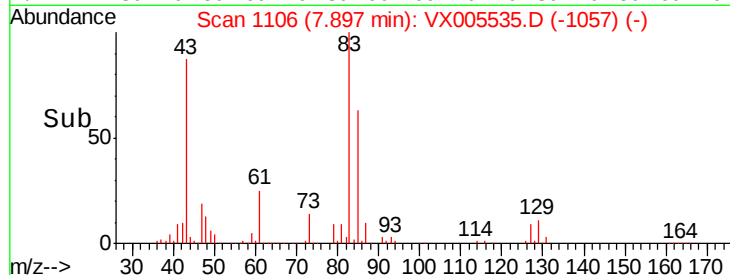
83 100

85 62.8 50.2 75.4

127 8.6 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: 52.573 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

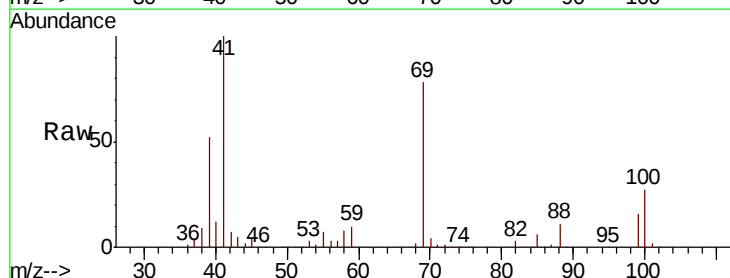
Tgt Ion: 41 Resp: 147437

Ion Ratio Lower Upper

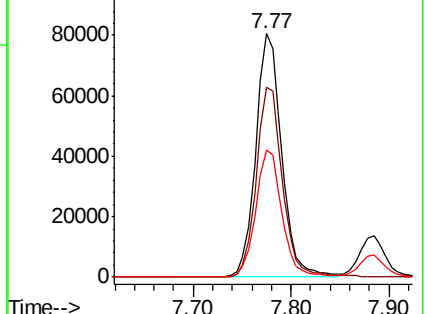
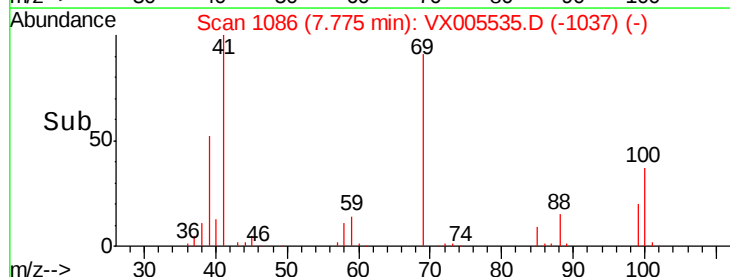
41 100

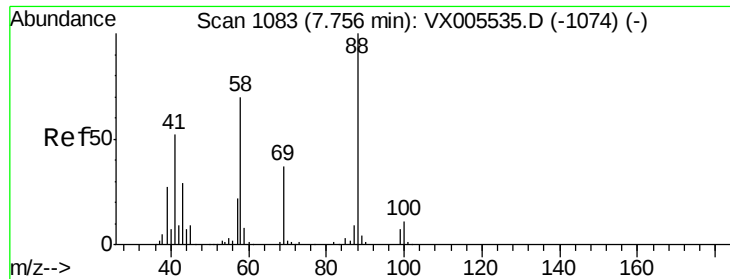
69 79.0 63.2 94.8

39 52.7 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

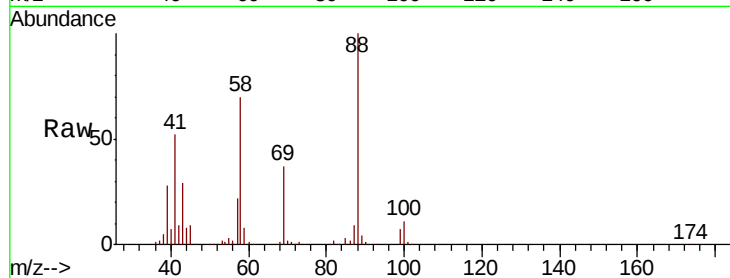




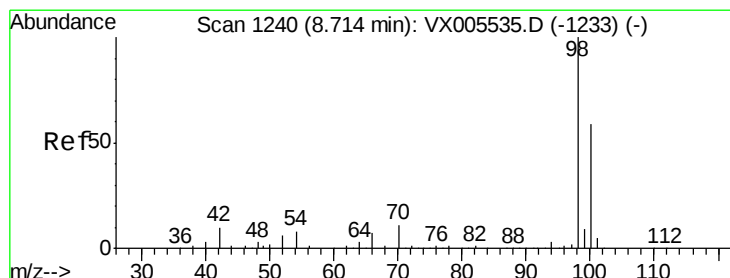
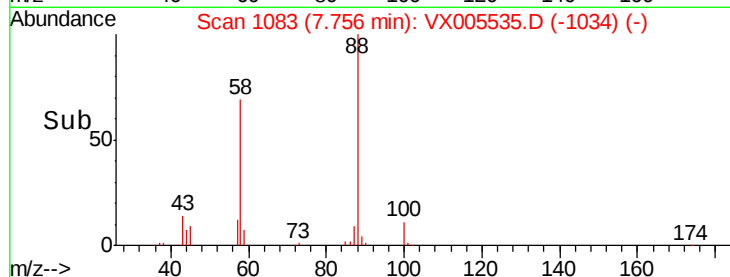
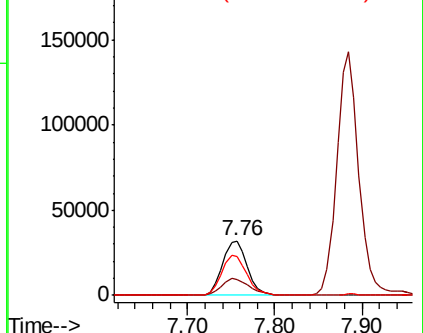
#49
 1,4-Dioxane
 Concen: 1022.757 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 62681
 Ion Ratio Lower Upper
 88 100
 43 34.2 27.4 41.0
 58 74.3 59.4 89.2

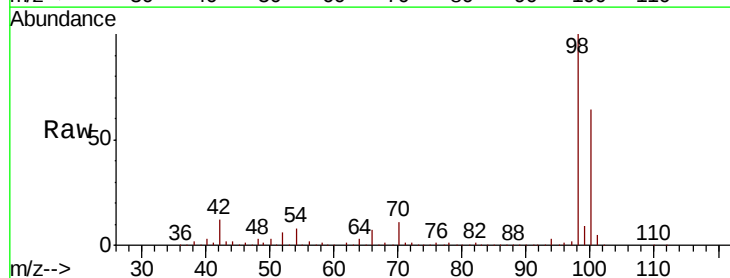


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

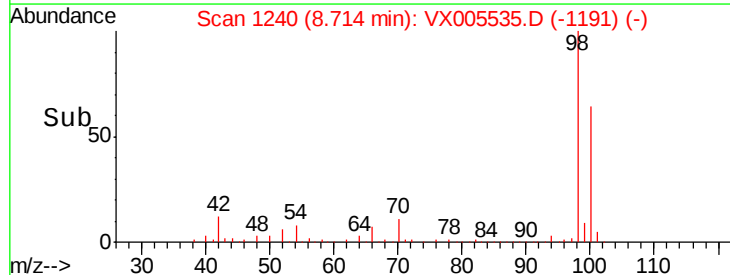
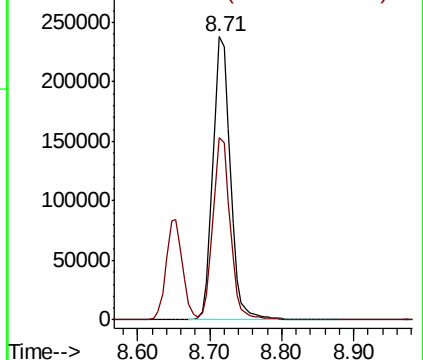


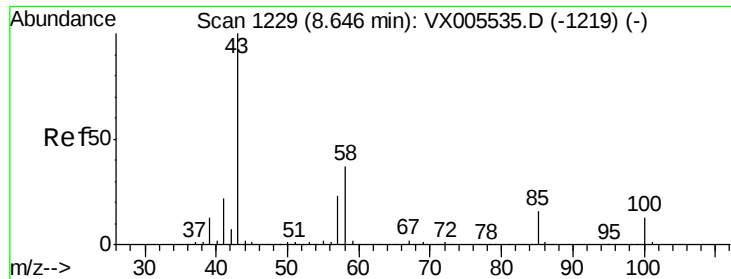
#50
 Toluene-d8
 Concen: 52.860 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 98 Resp: 398959
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.3 76.9



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

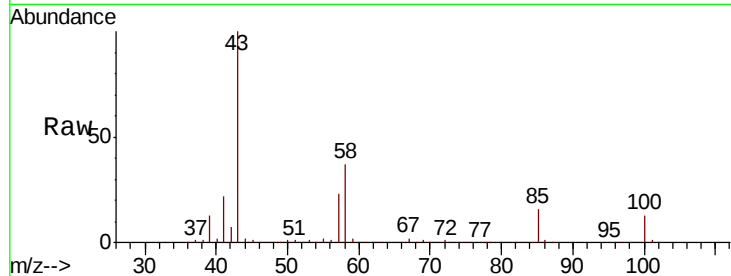




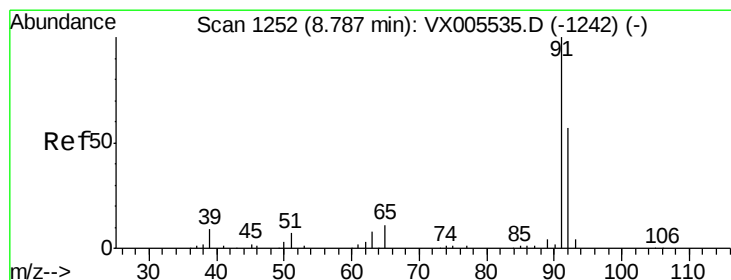
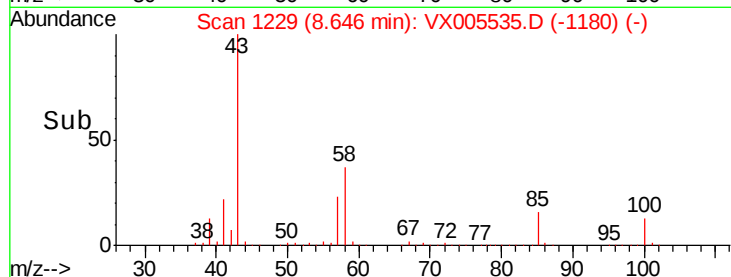
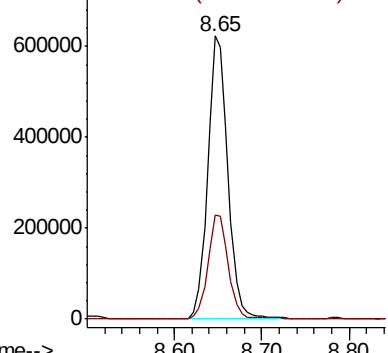
#51
4-Methyl-2-Pentanone
Concen: 258.768 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1001135
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5

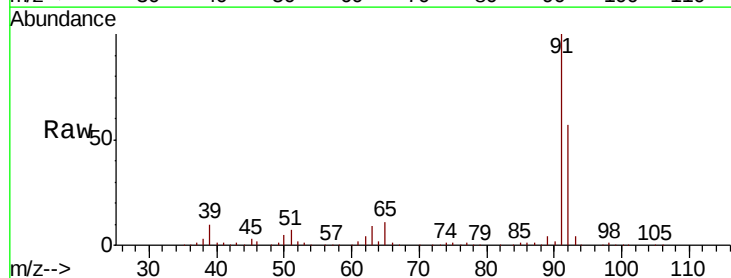


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

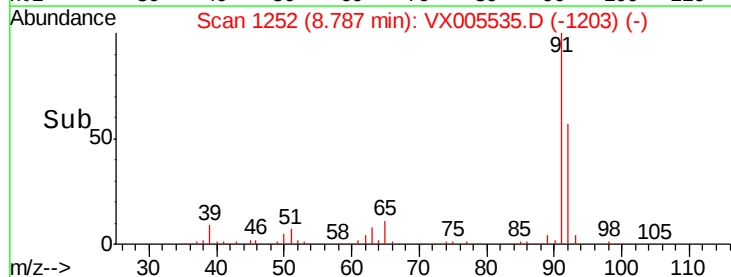
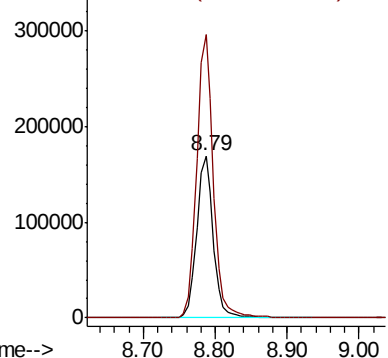


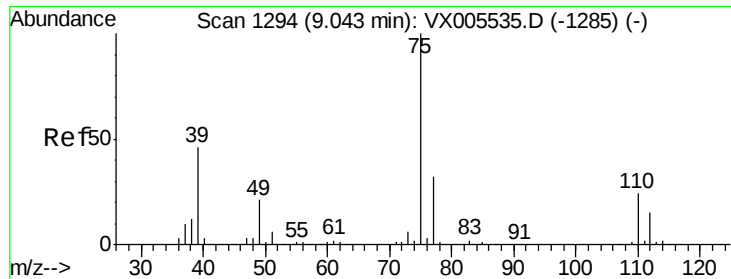
#52
Toluene
Concen: 51.790 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 92 Resp: 271626
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

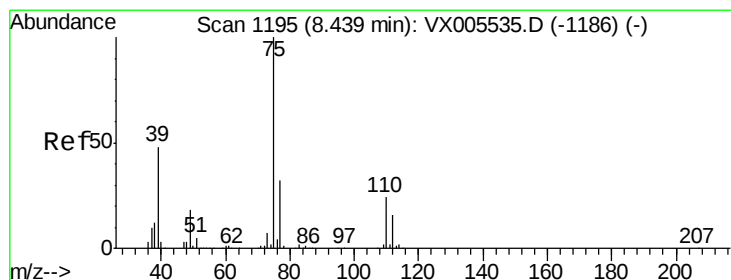
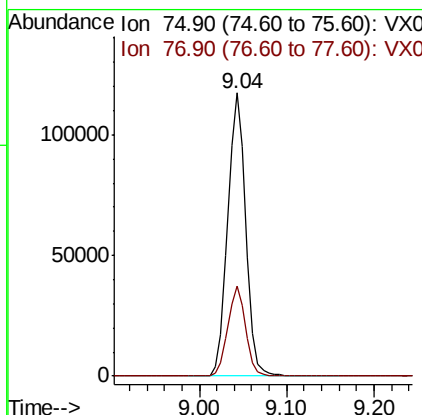
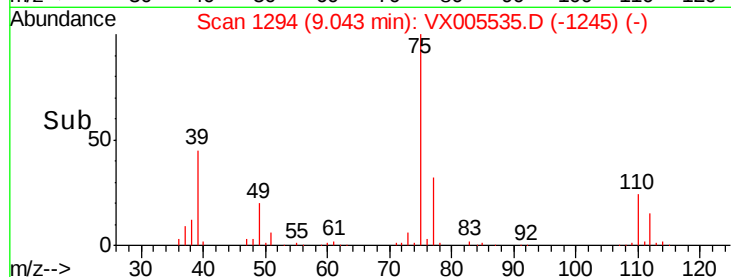
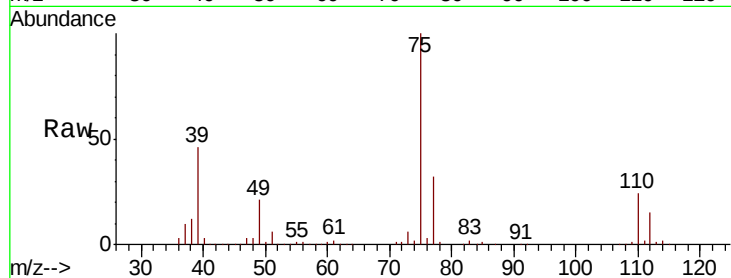




#53
t-1,3-Dichloropropene
Concen: 53.234 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

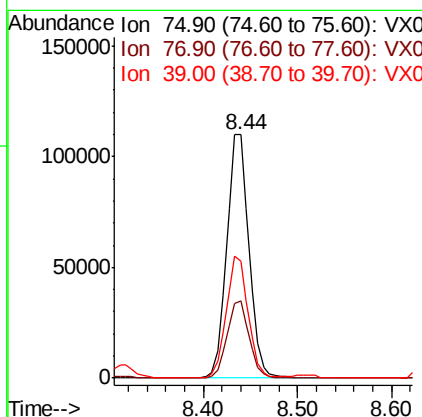
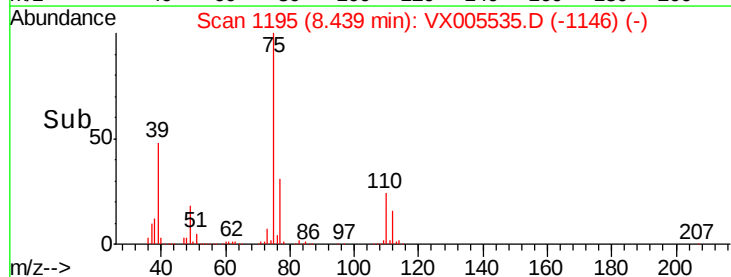
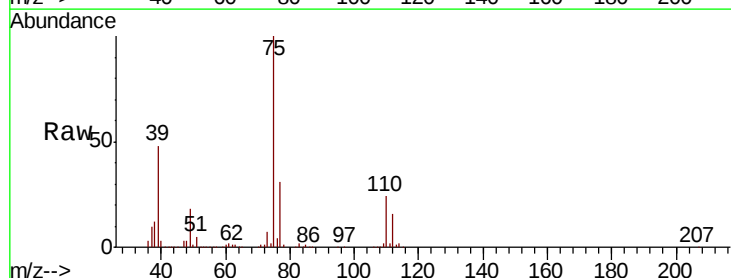
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

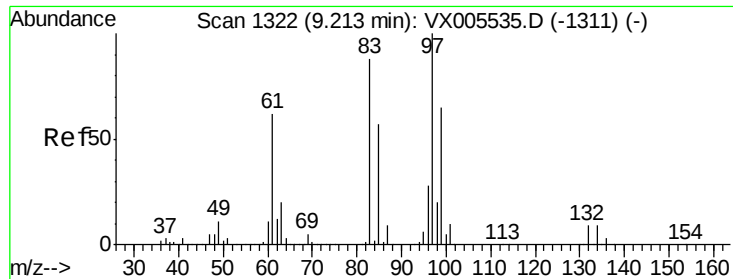
Tgt Ion: 75 Resp: 167330
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.203 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 75 Resp: 180048
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 47.7 38.2 57.2

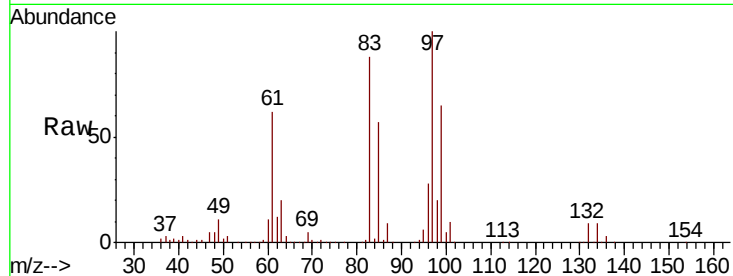




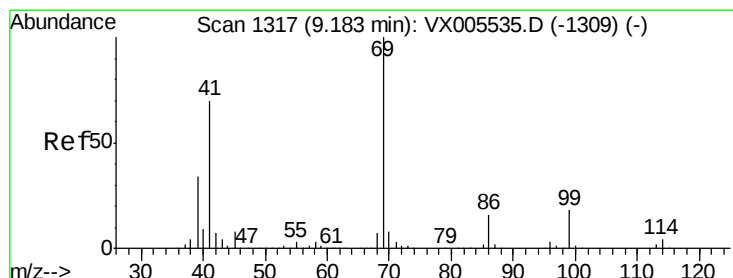
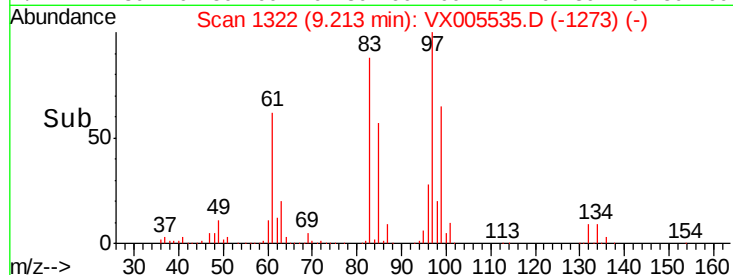
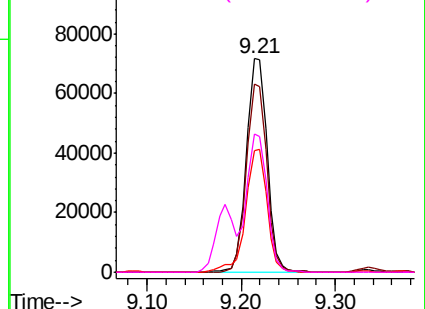
#55
 1,1,2-Trichloroethane
 Concen: 50.063 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 110700
 Ion Ratio Lower Upper
 97 100
 83 88.4 70.7 106.1
 85 57.2 45.8 68.6
 99 64.8 51.8 77.8

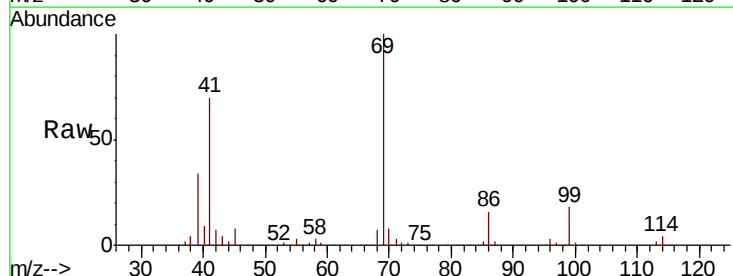


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

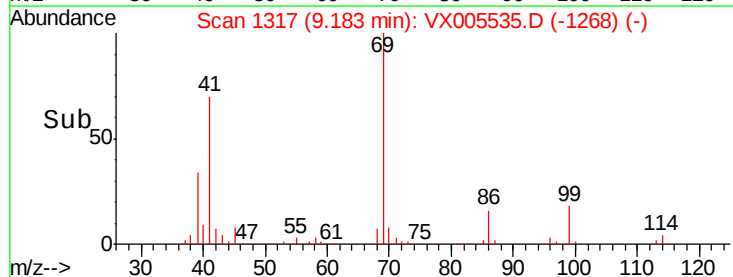
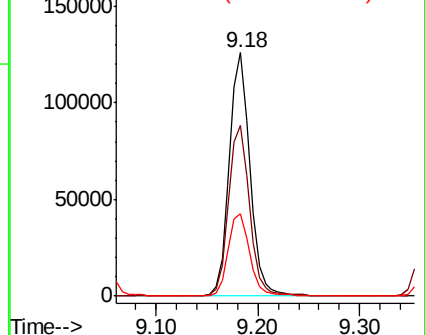


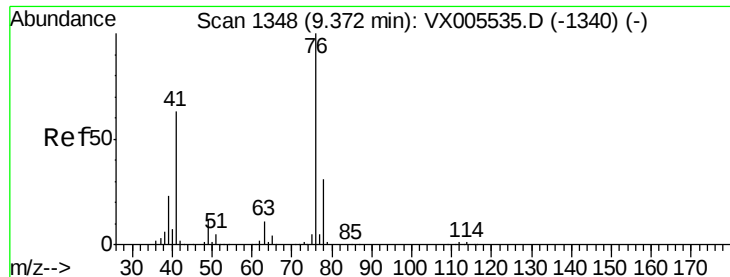
#56
 Ethyl methacrylate
 Concen: 53.476 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 69 Resp: 176378
 Ion Ratio Lower Upper
 69 100
 41 71.3 57.0 85.6
 39 35.4 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

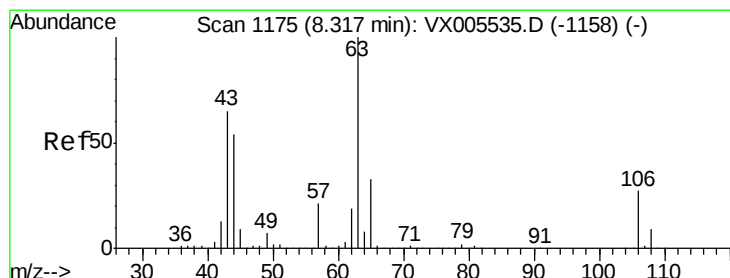
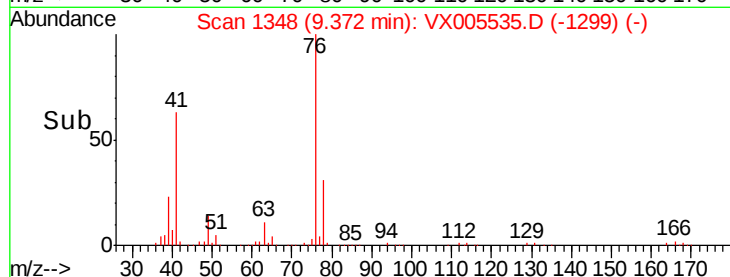
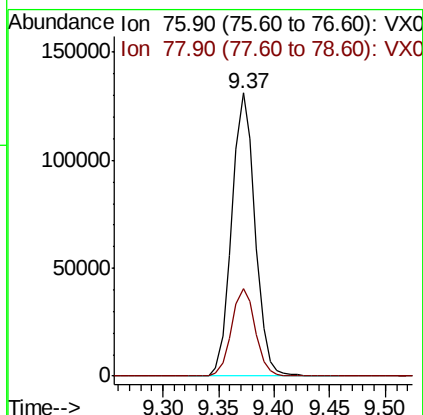
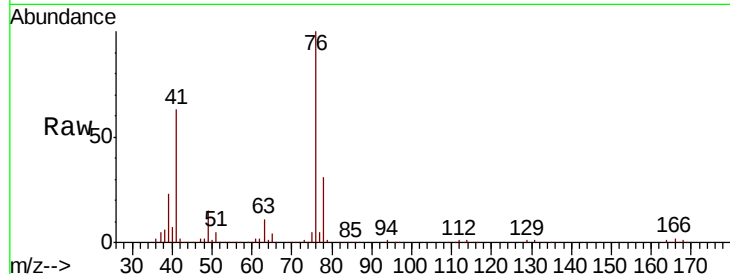




#57
 1,3-Dichloropropane
 Concen: 50.808 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

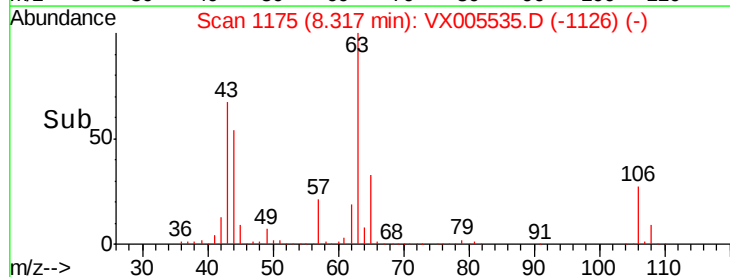
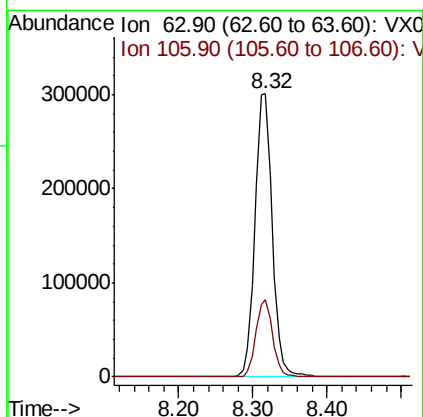
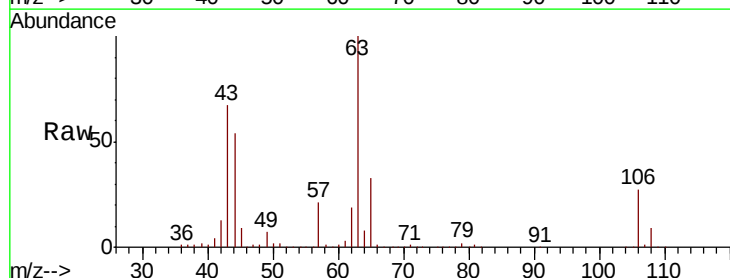
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

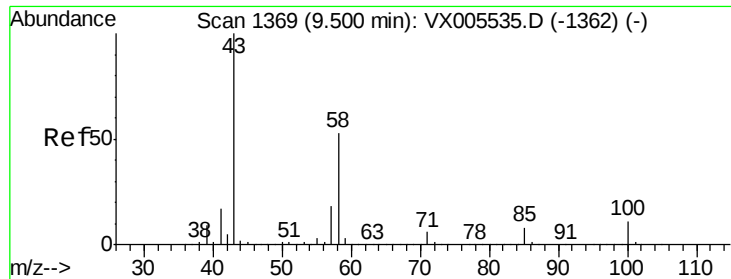
Tgt Ion: 76 Resp: 190096
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.590 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 63 Resp: 492926
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

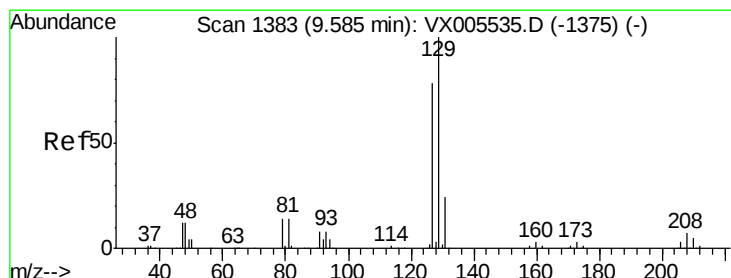
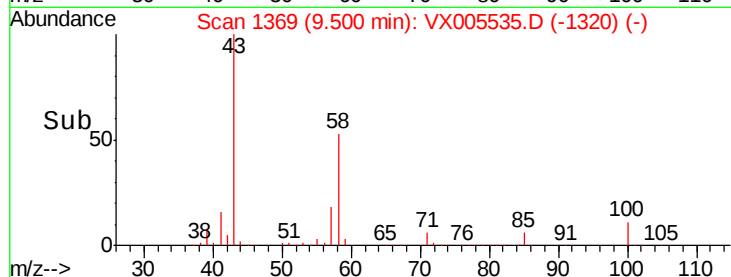
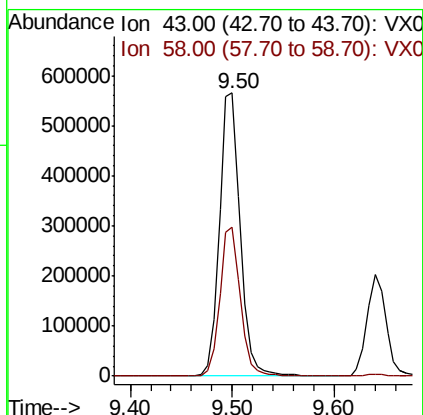
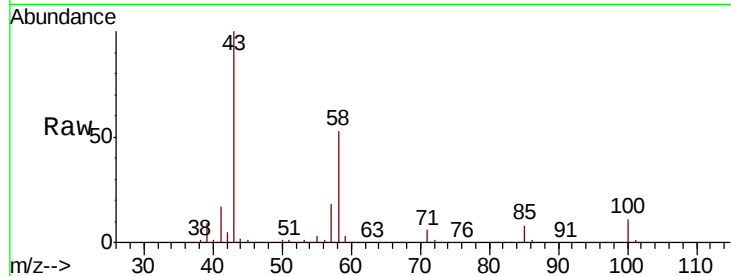




#59
2-Hexanone
Concen: 264.195 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

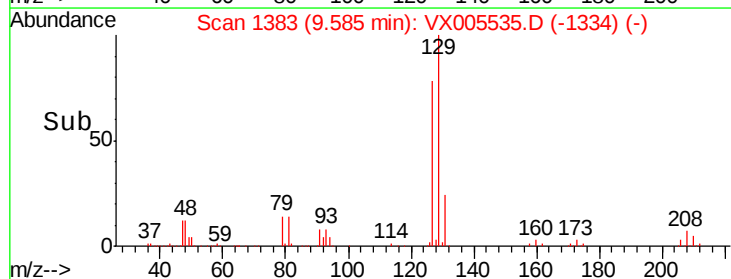
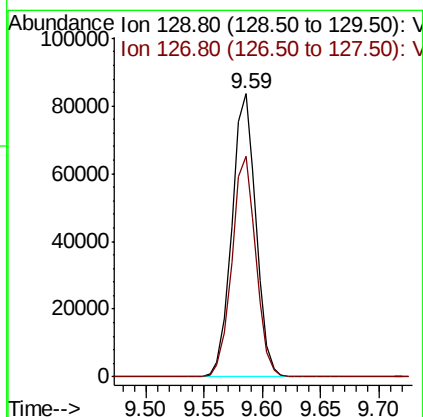
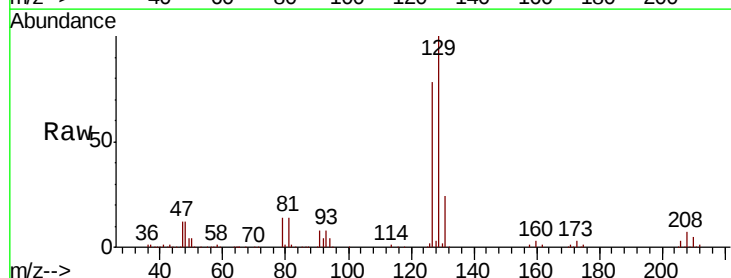
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

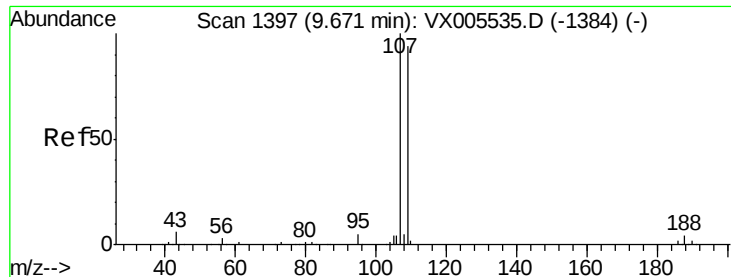
Tgt Ion: 43 Resp: 805898
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 52.157 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 129 Resp: 120329
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

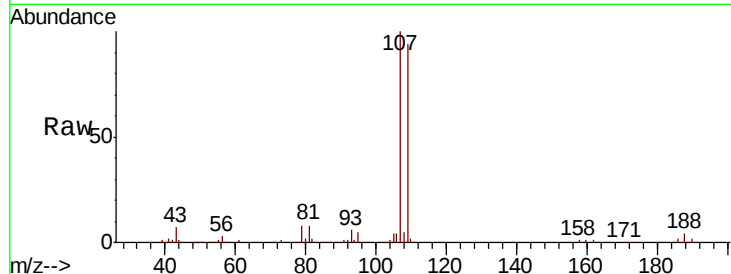




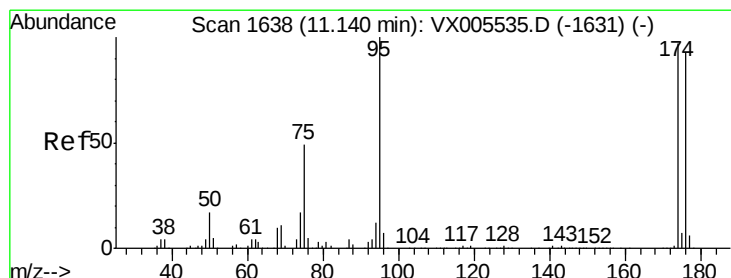
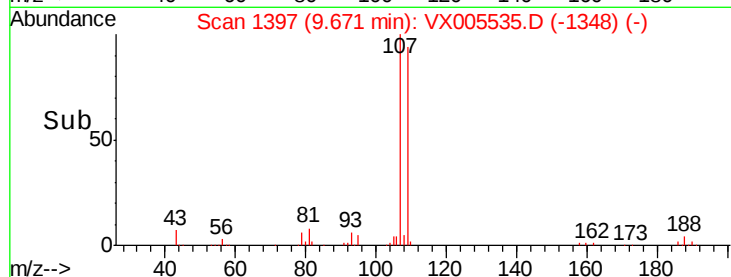
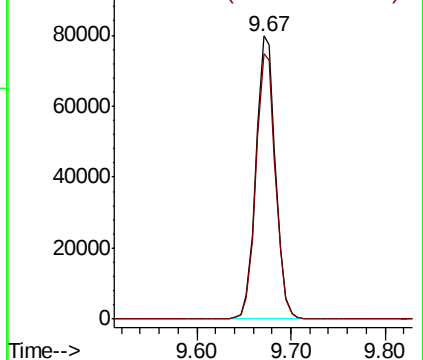
#61
 1,2-Dibromoethane
 Concen: 51.267 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 117278
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5

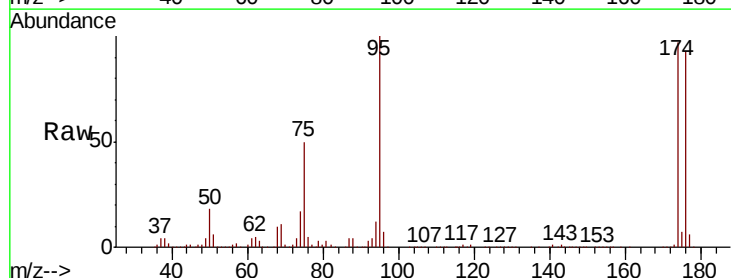


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

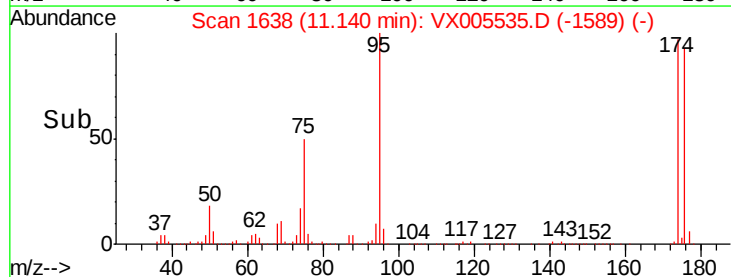
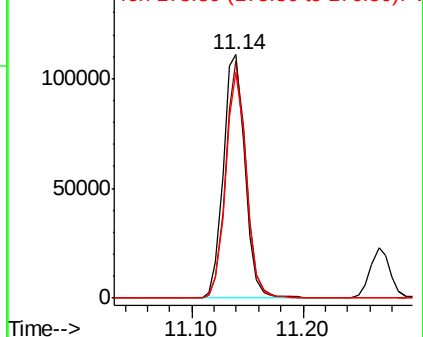


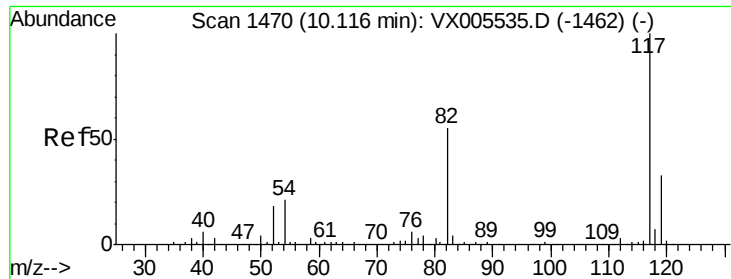
#62
 4-Bromofluorobenzene
 Concen: 52.360 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 95 Resp: 149240
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 184.4
 176 88.7 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

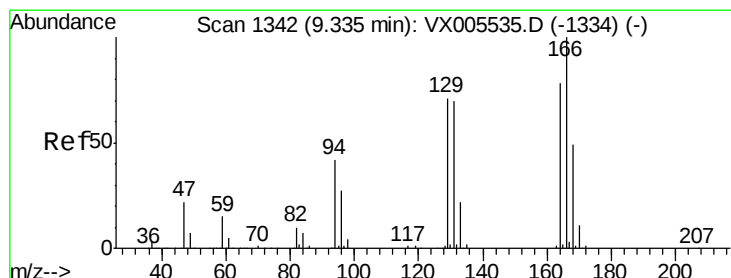
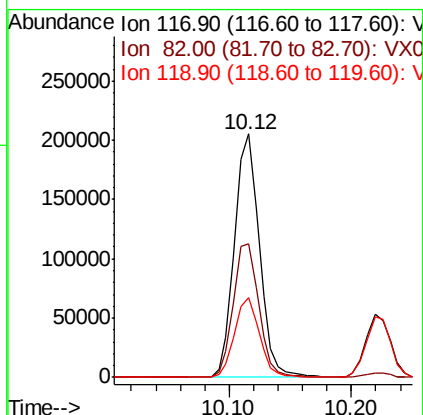
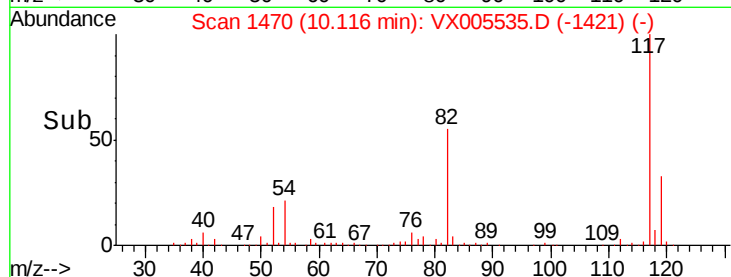
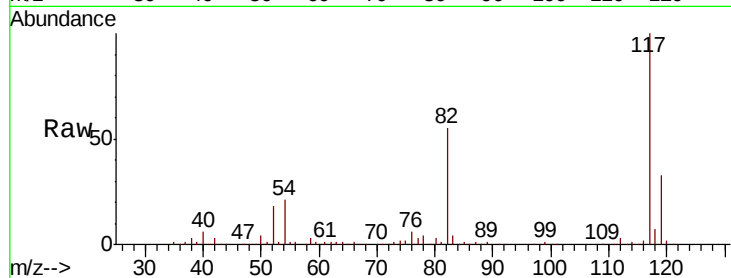




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

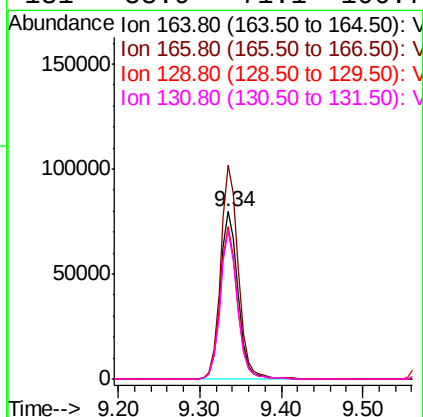
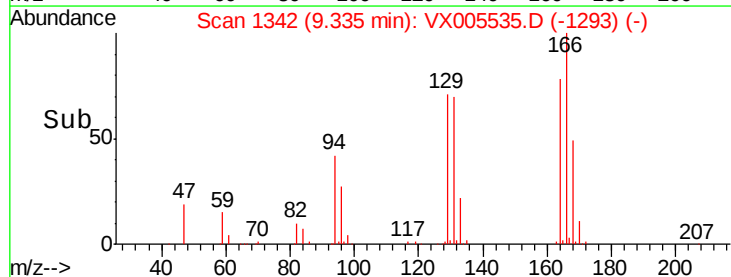
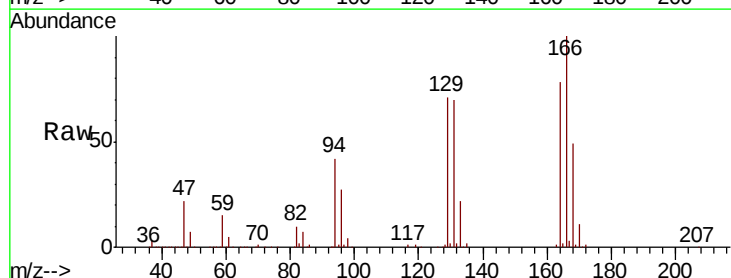
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

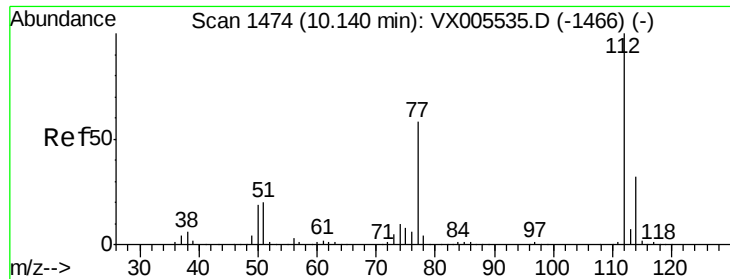
Tgt Ion:117 Resp: 289053
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 50.089 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:164 Resp: 120191
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 90.8 72.6 109.0
131 88.9 71.1 106.7

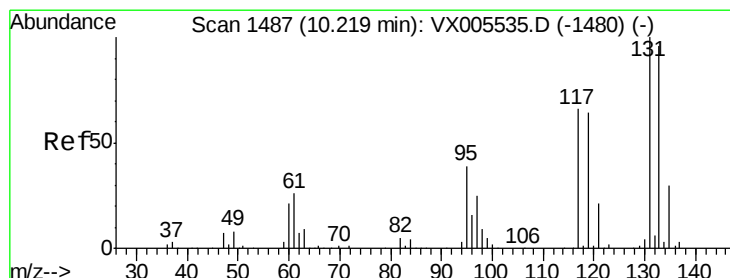
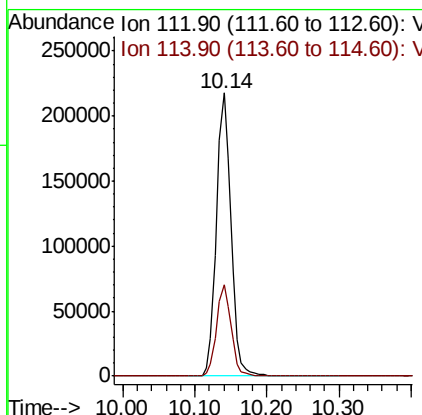
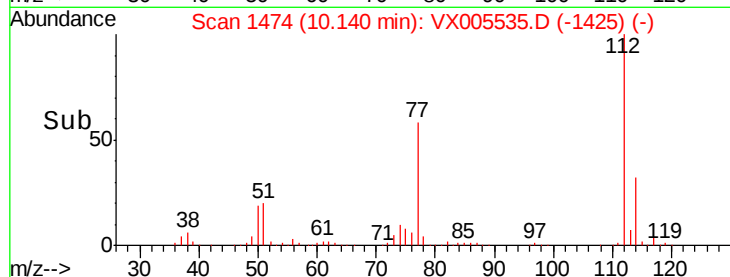
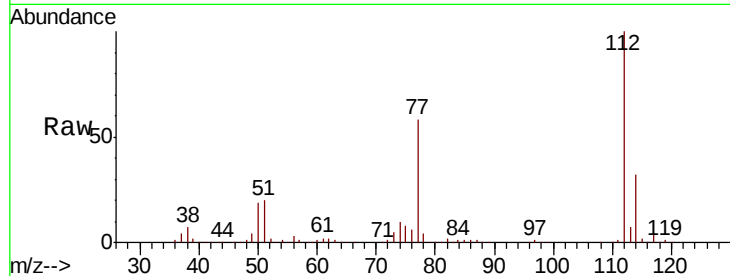




#65
Chlorobenzene
Concen: 49.485 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

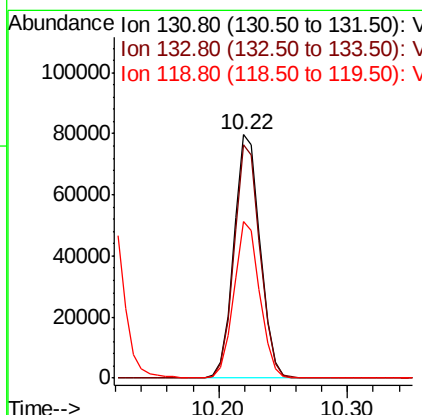
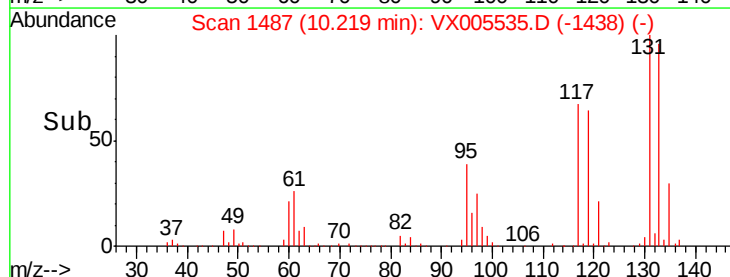
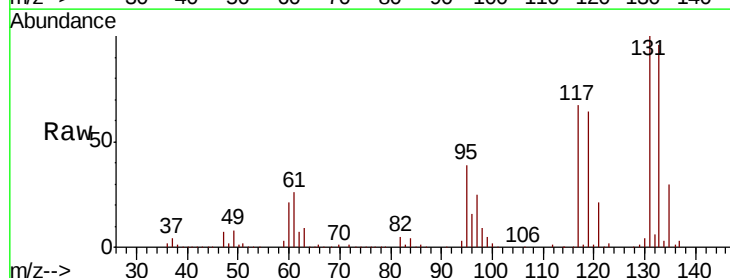
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

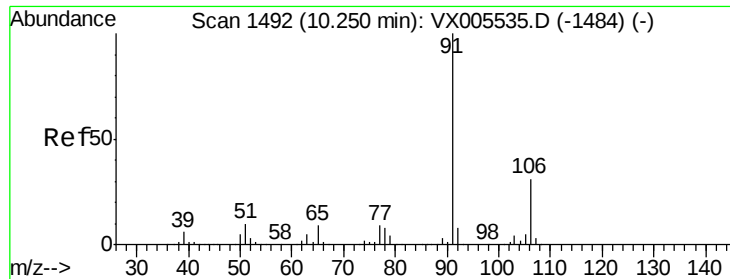
Tgt Ion:112 Resp: 304592
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.122 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:131 Resp: 112492
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 63.5 31.8 95.3

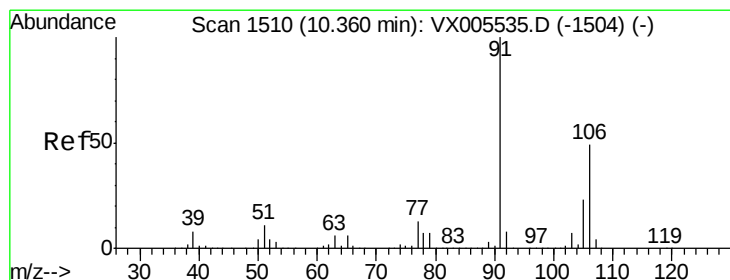
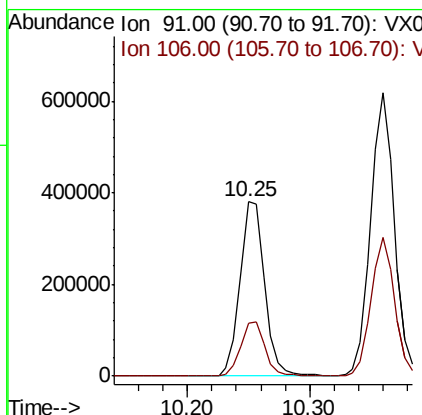
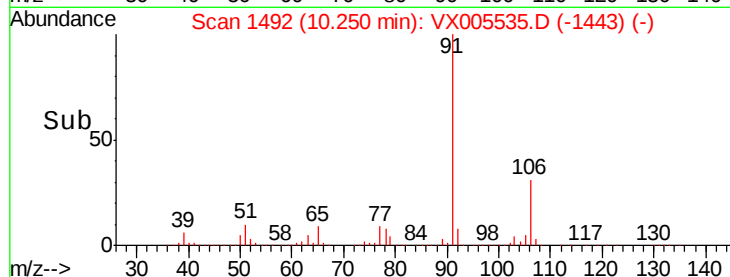
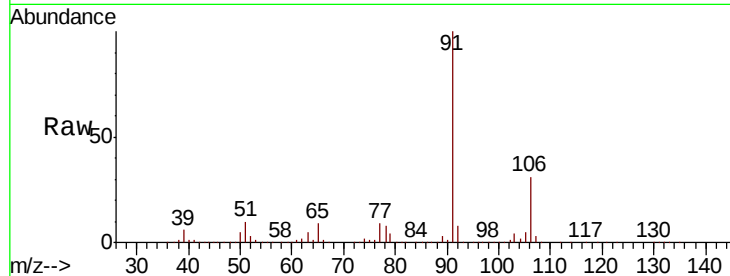




#67
Ethyl Benzene
Concen: 52.425 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

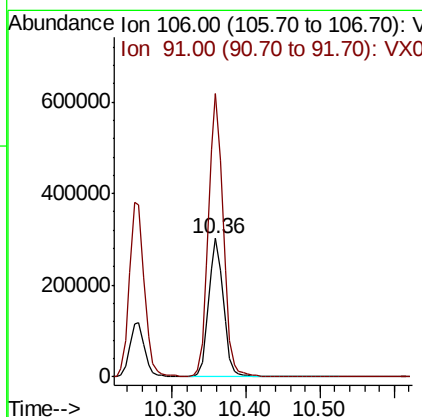
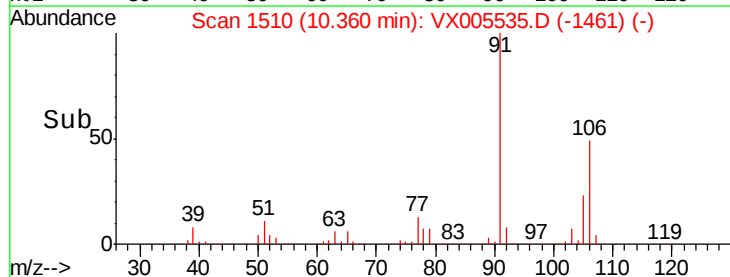
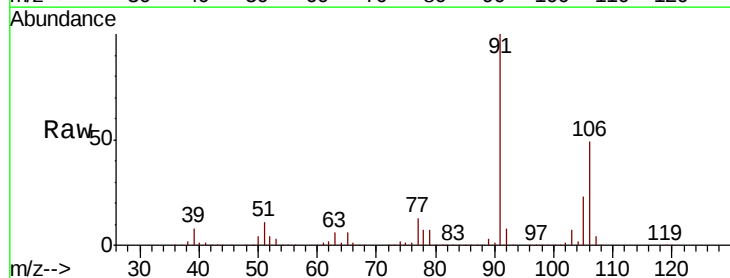
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

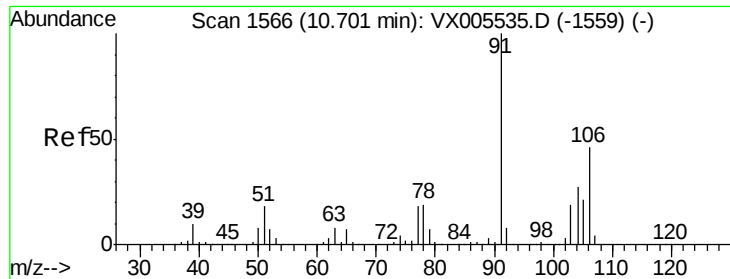
Tgt Ion: 91 Resp: 530909
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 104.484 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 106 Resp: 410520
Ion Ratio Lower Upper
106 100
91 205.3 164.2 246.4

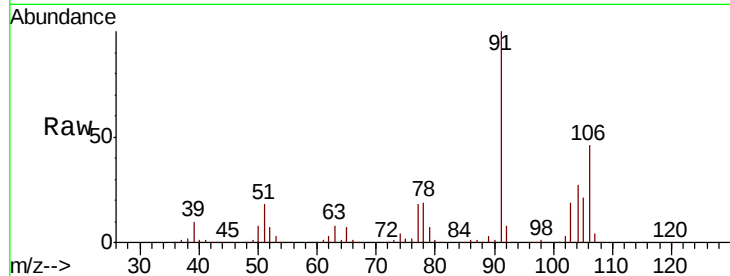




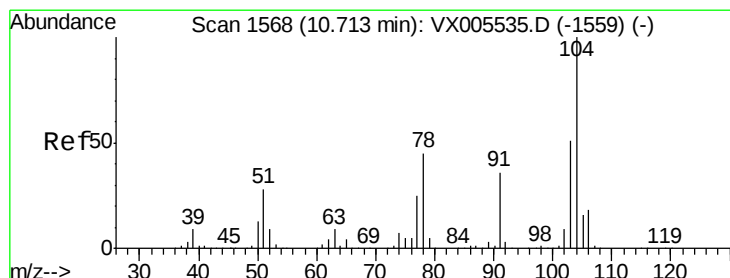
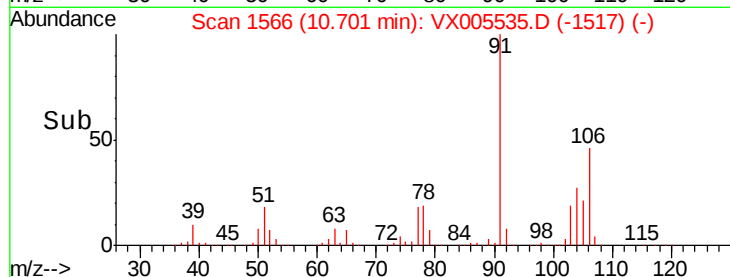
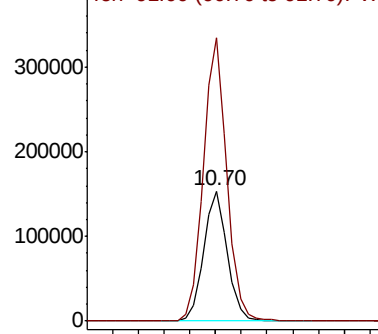
#69
o-Xylene
Concen: 53.272 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 196920
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

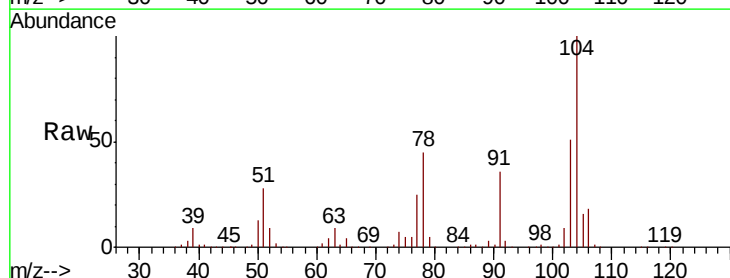


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

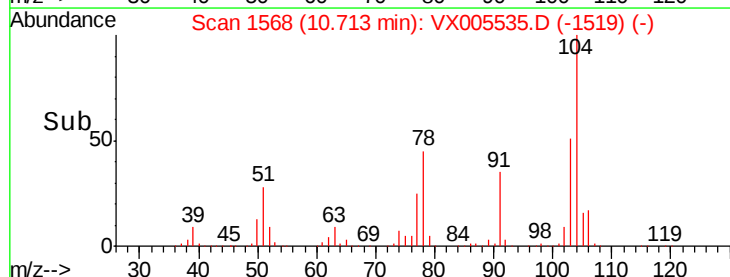
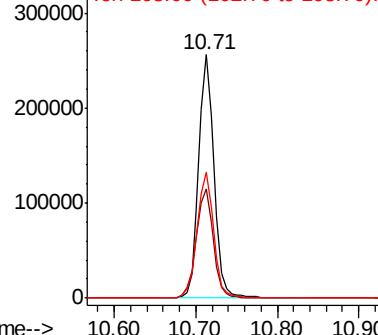


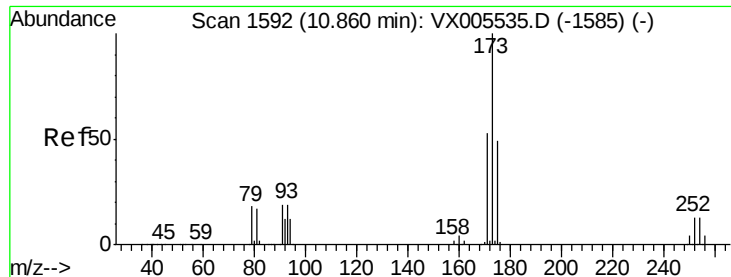
#70
Styrene
Concen: 53.748 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:104 Resp: 332597
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 56.1 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.669 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

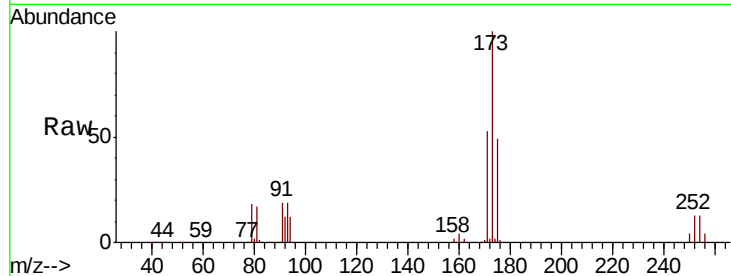
Tgt Ion:173 Resp: 99475

Ion Ratio Lower Upper

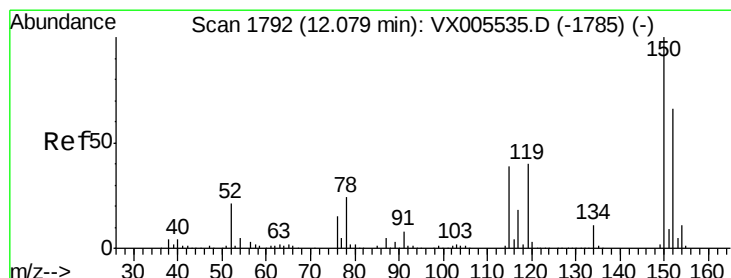
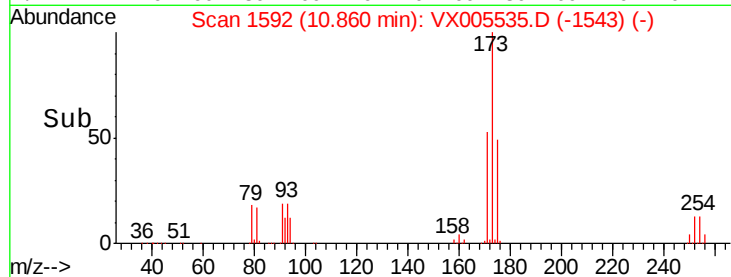
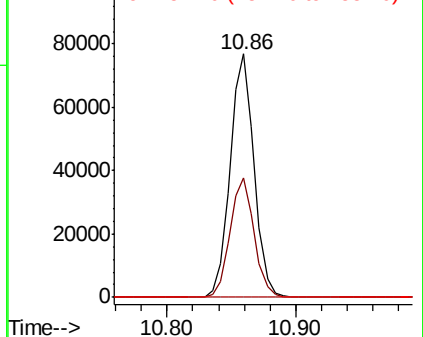
173 100

175 49.5 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: VX005535.D

Acq: 24 Oct 2018 11:59

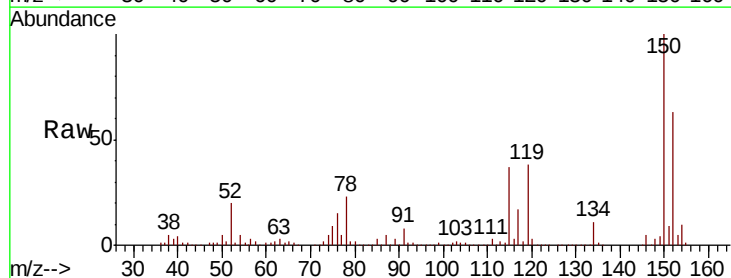
Tgt Ion:152 Resp: 166709

Ion Ratio Lower Upper

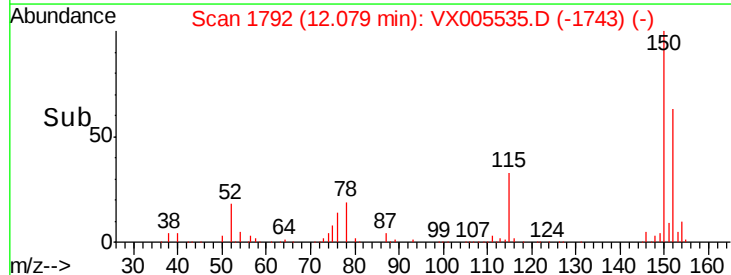
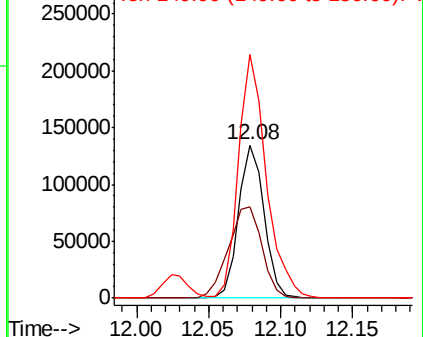
152 100

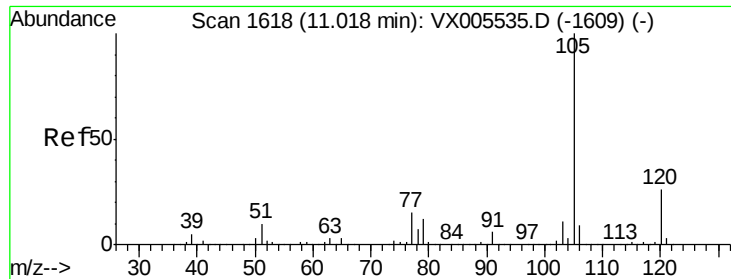
115 78.7 39.4 118.1

150 173.2 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: 53.104 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

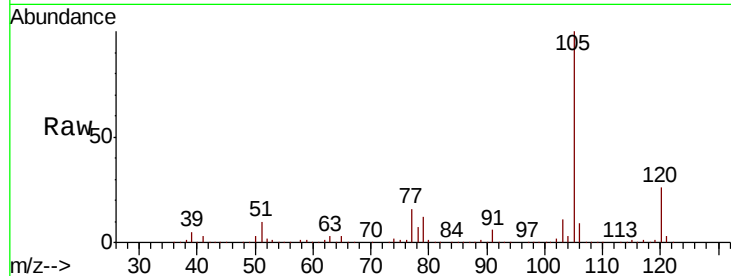
VSTDICCC050

Tgt Ion: 105 Resp: 541161

Ion Ratio Lower Upper

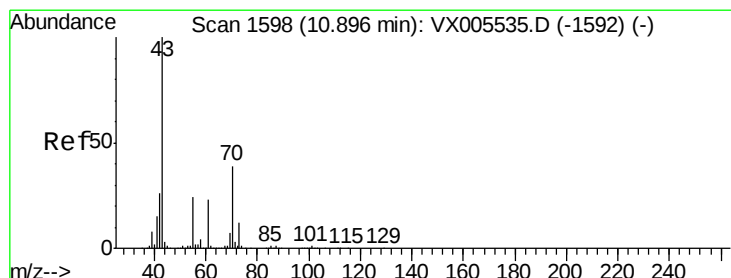
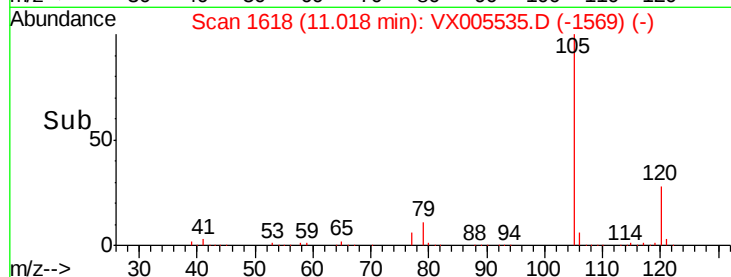
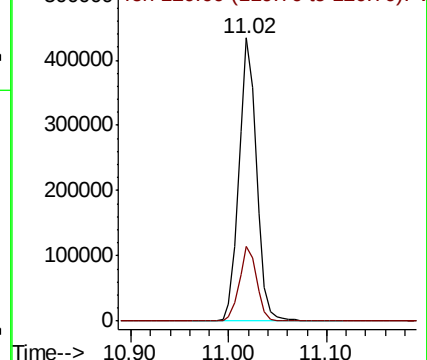
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.699 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion: 43 Resp: 266104

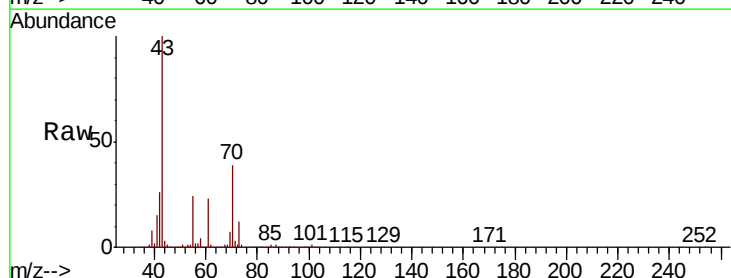
Ion Ratio Lower Upper

43 100

70 39.5 31.6 47.4

55 24.6 19.7 29.5

61 22.9 18.3 27.5

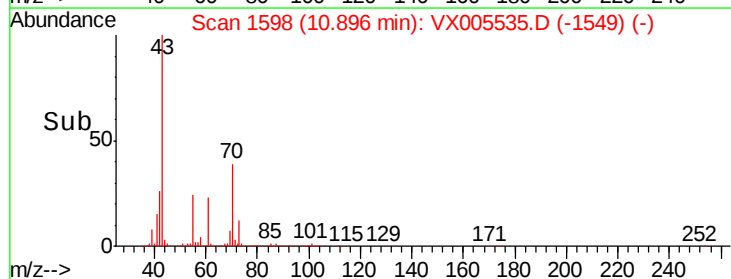
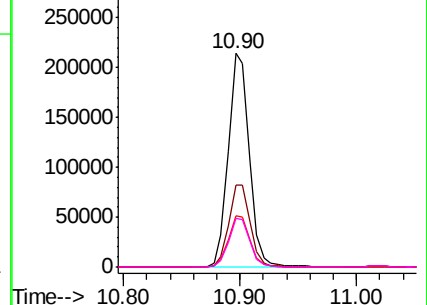


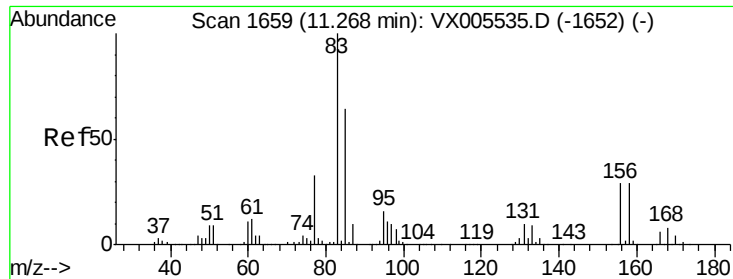
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.986 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

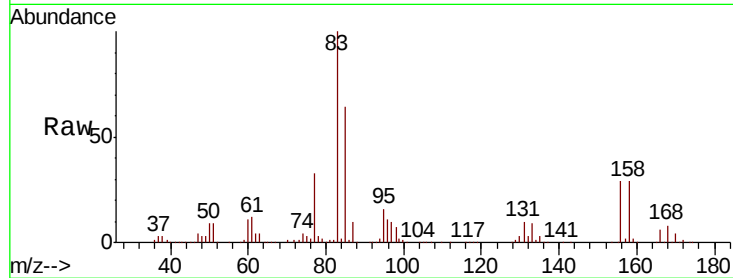
MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 184169

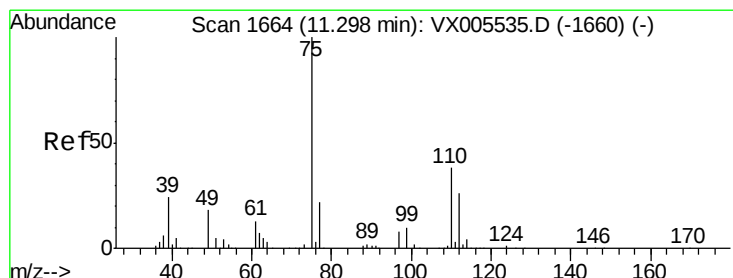
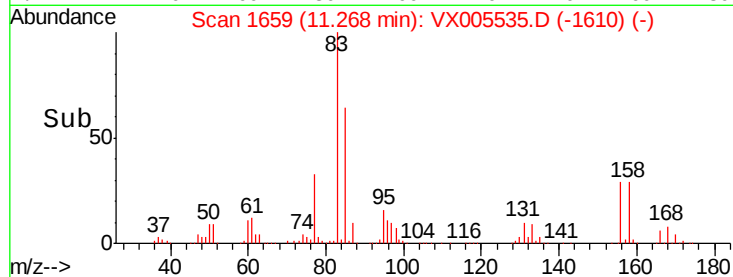
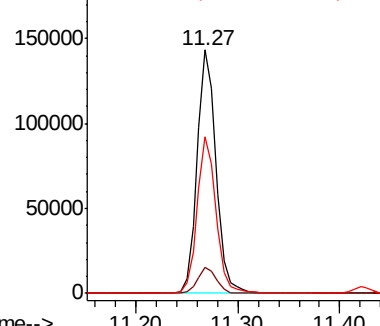
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.9
85	64.1	32.0	96.2



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: 63.687 ug/l

RT: 11.30 min Scan# 1664

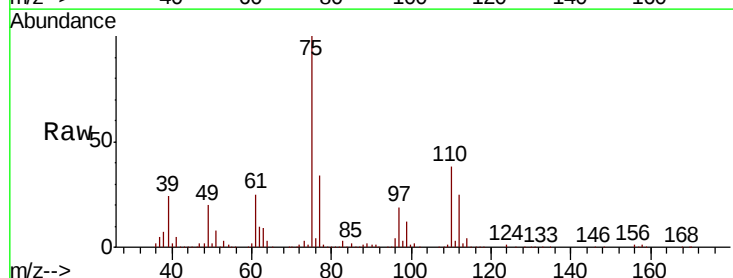
Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

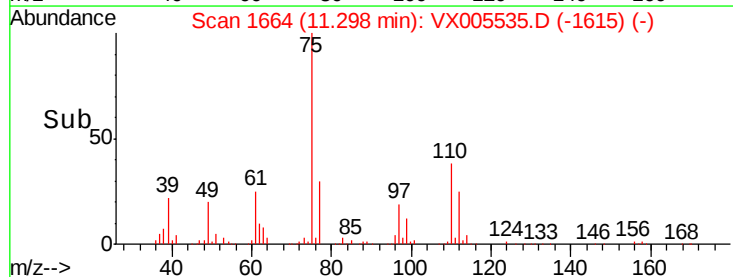
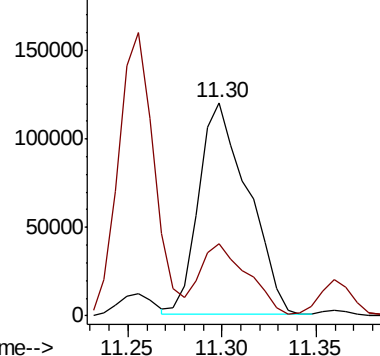
Tgt Ion: 75 Resp: 217558

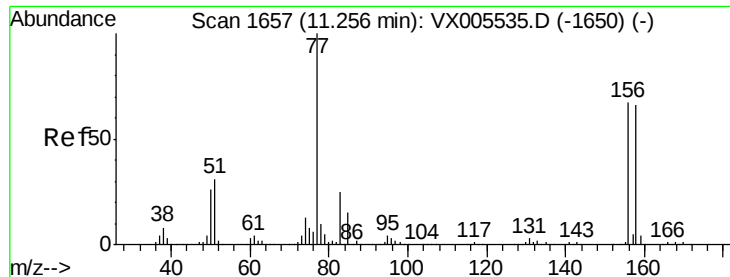
Ion	Ratio	Lower	Upper
75	100		
77	32.7	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.924 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

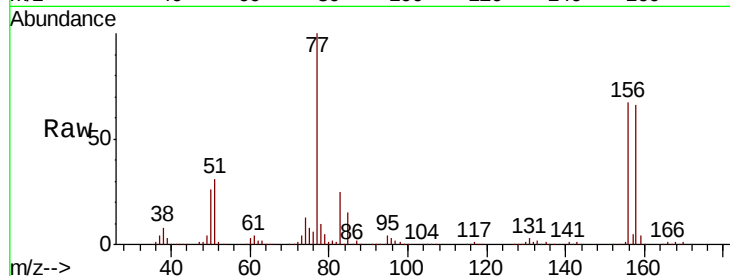
Tgt Ion:156 Resp: 141786

Ion Ratio Lower Upper

156 100

77 149.6 74.8 224.4

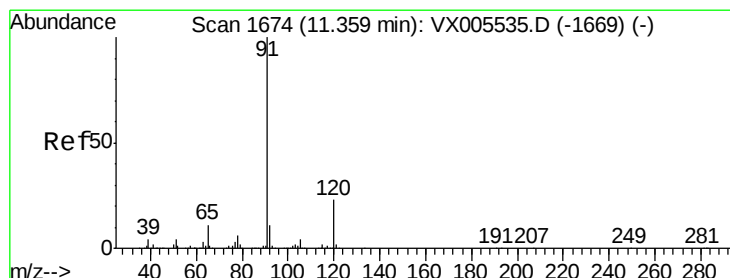
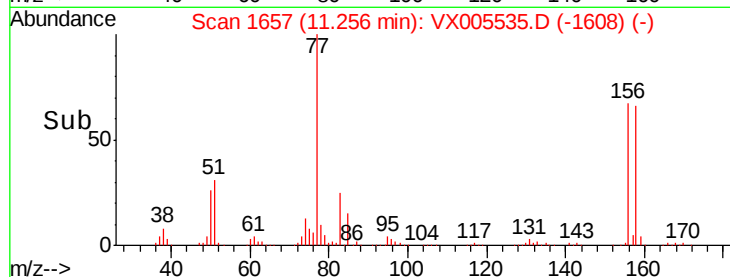
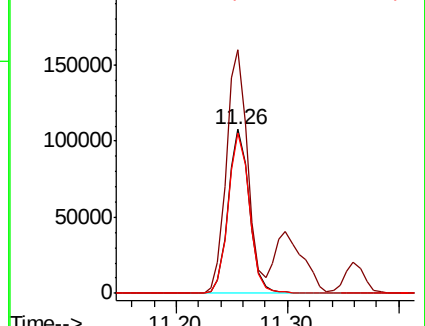
158 98.2 49.1 147.3



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: 53.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005535.D

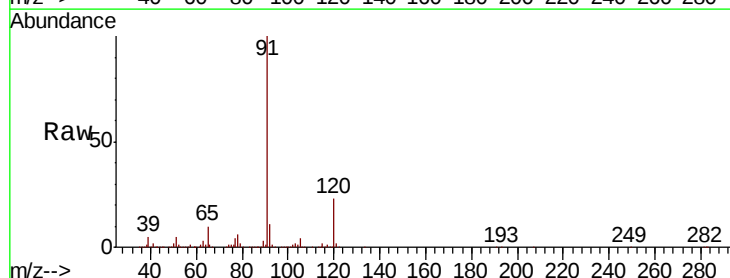
Acq: 24 Oct 2018 11:59

Tgt Ion: 91 Resp: 619572

Ion Ratio Lower Upper

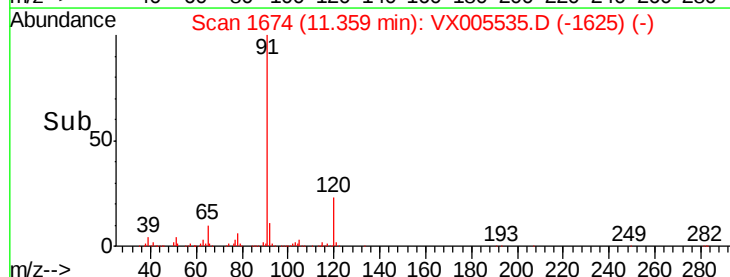
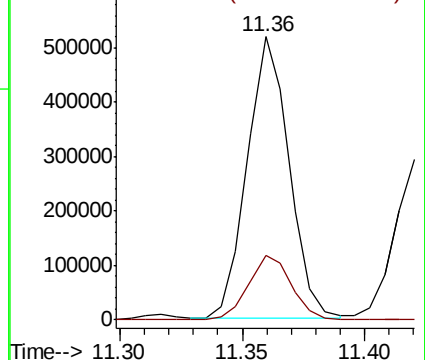
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

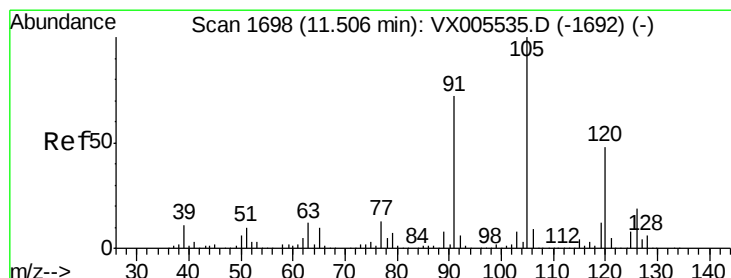
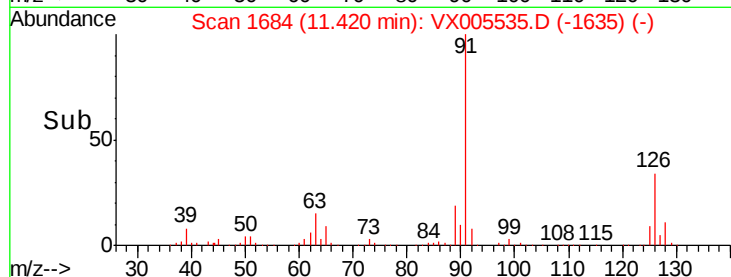
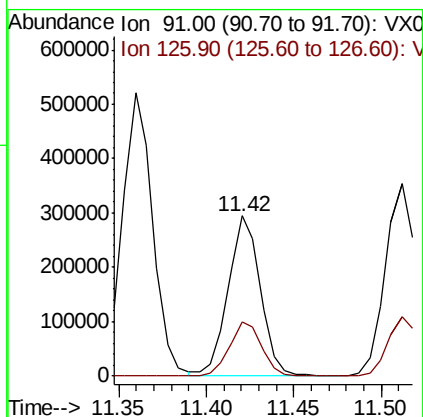
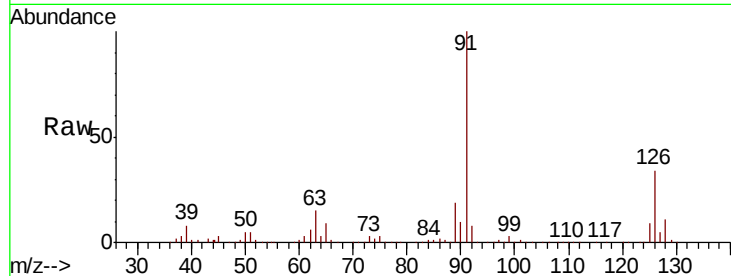




#79
 2-Chlorotoluene
 Concen: 51.427 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

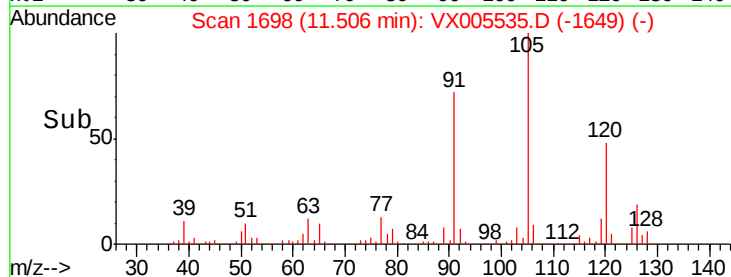
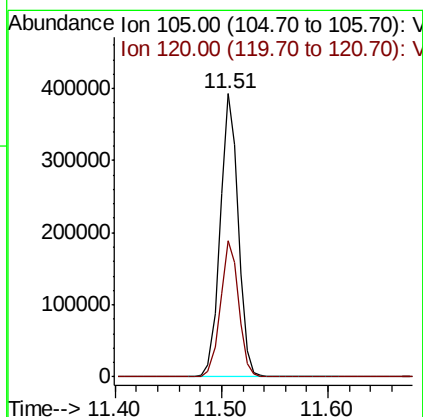
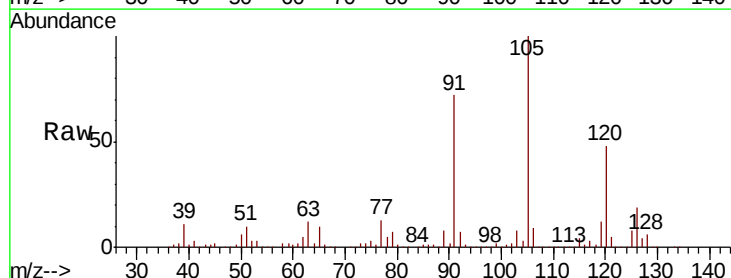
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

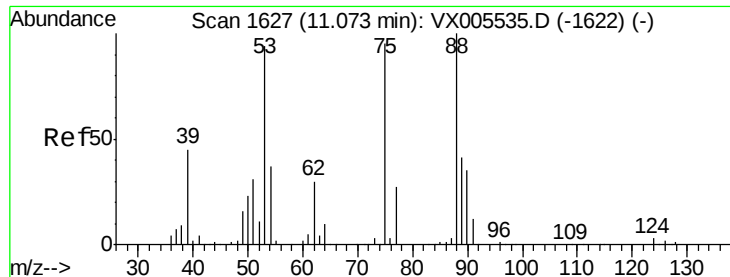
Tgt Ion: 91 Resp: 371558
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.126 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 105 Resp: 463132
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.219 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

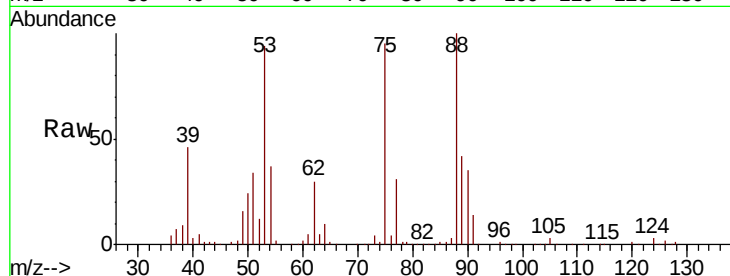
Tgt Ion: 75 Resp: 56448

Ion Ratio Lower Upper

75 100

53 100.2 80.2 120.2

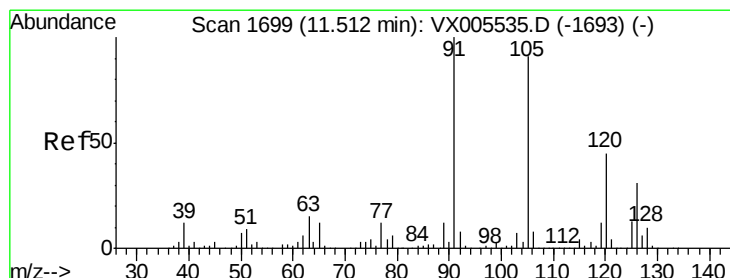
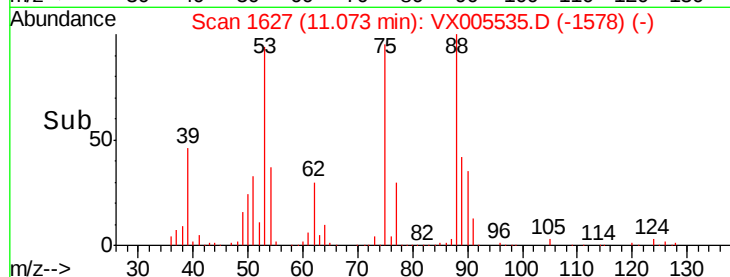
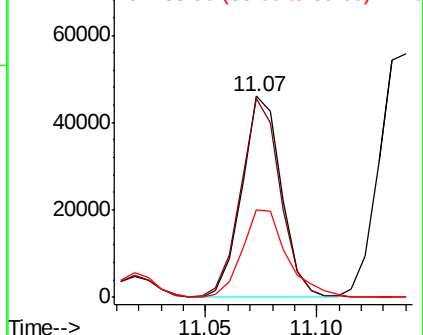
89 49.8 39.8 59.8



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: 51.696 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005535.D

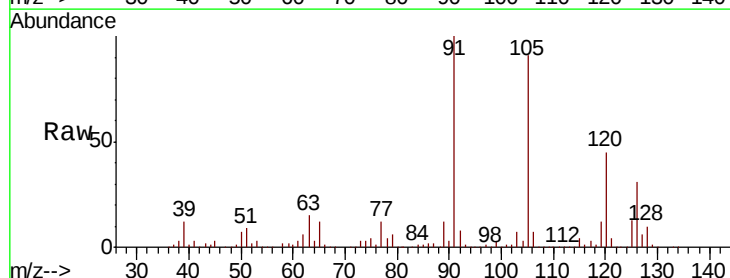
Acq: 24 Oct 2018 11:59

Tgt Ion: 91 Resp: 440419

Ion Ratio Lower Upper

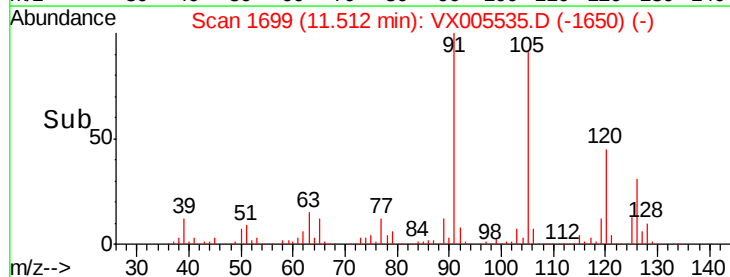
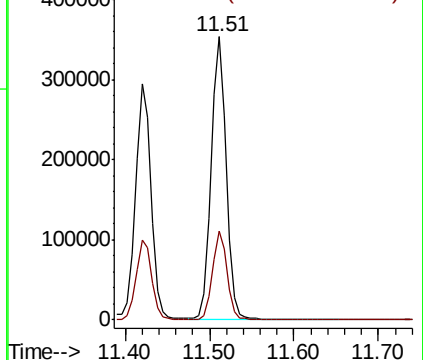
91 100

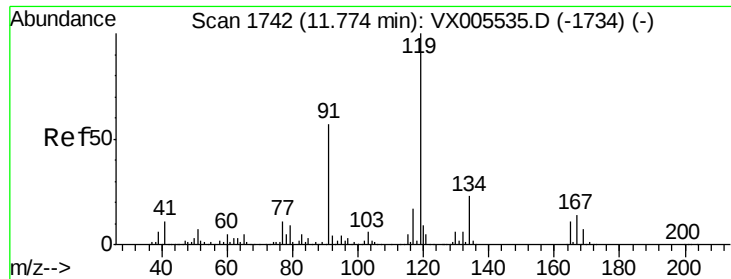
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

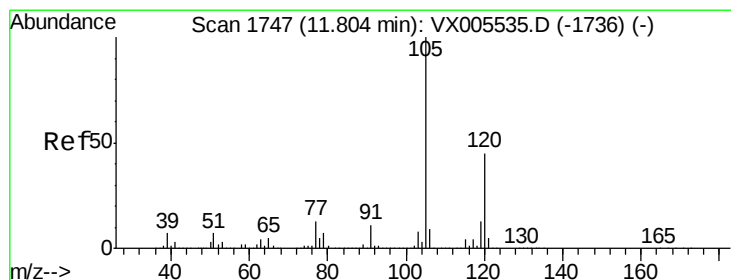
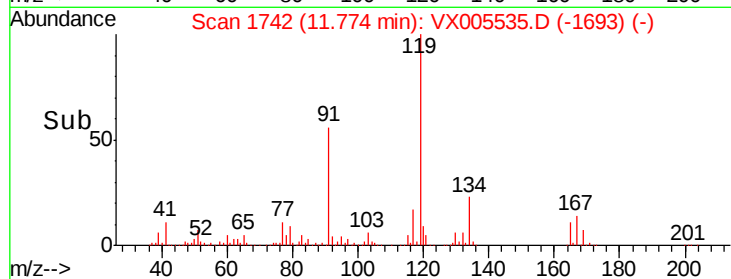
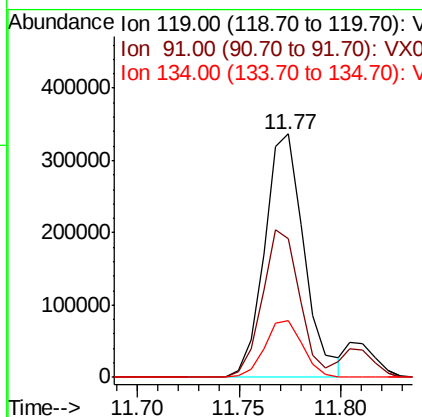
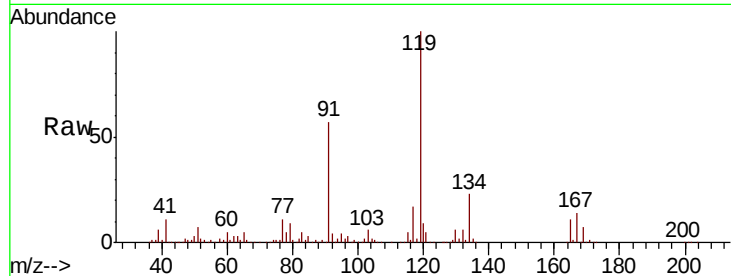




#83
tert-Butylbenzene
Concen: 52.486 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

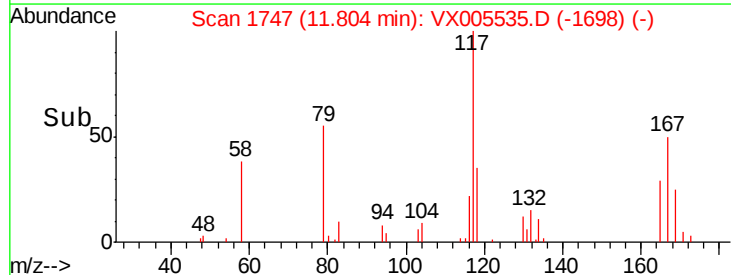
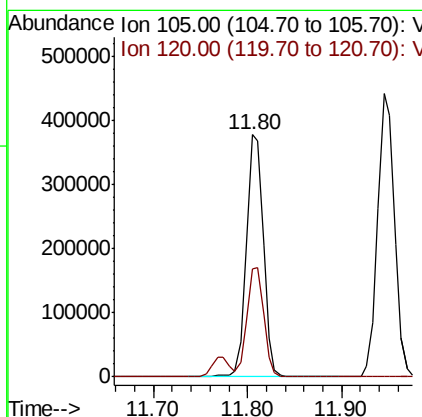
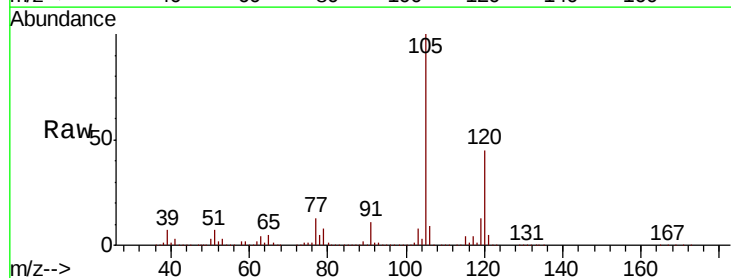
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

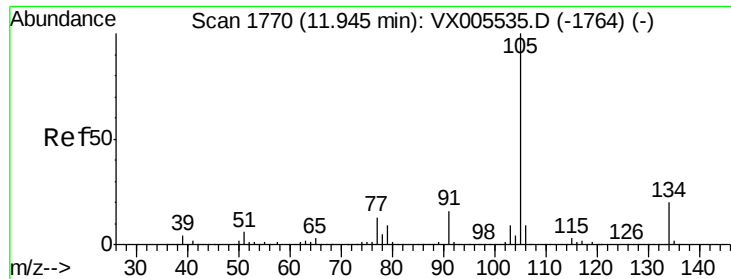
Tgt Ion:119 Resp: 456088
Ion Ratio Lower Upper
119 100
91 57.0 28.5 85.5
134 22.5 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 53.744 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:105 Resp: 474835
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 53.050 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

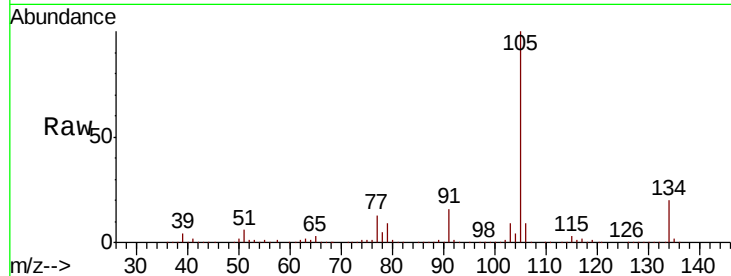
VSTDICCC050

Tgt Ion:105 Resp: 550081

Ion Ratio Lower Upper

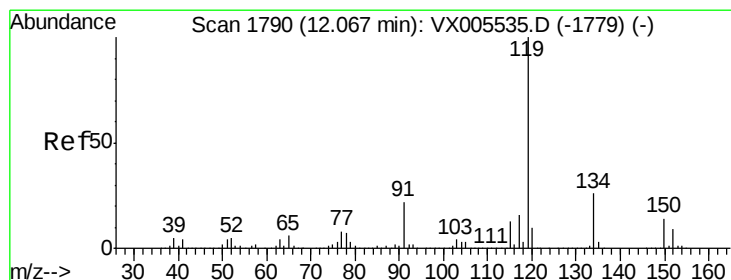
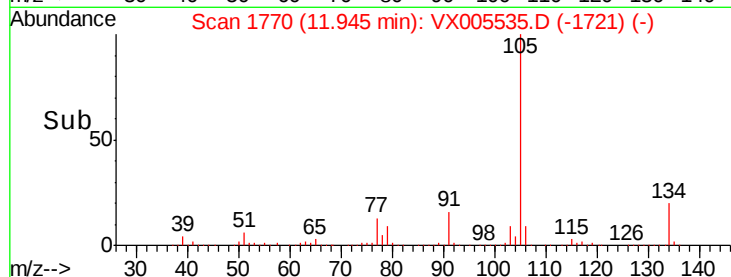
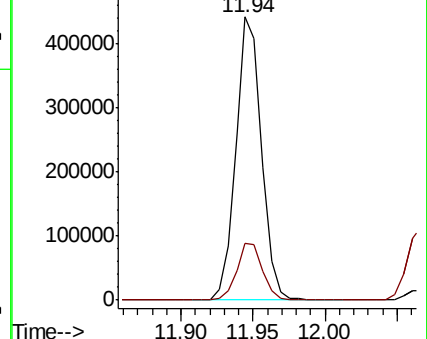
105 100

134 20.3 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: 54.205 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

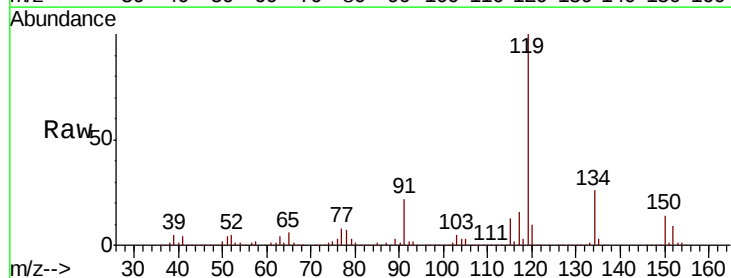
Tgt Ion:119 Resp: 502444

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

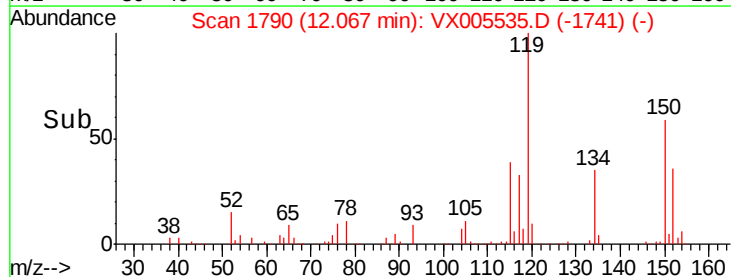
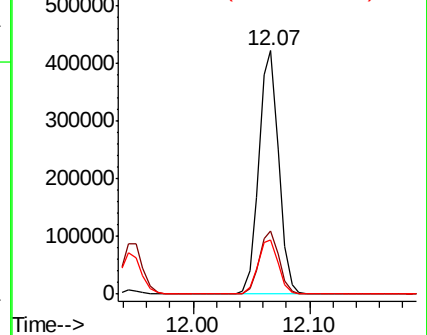
91 22.8 11.4 34.2

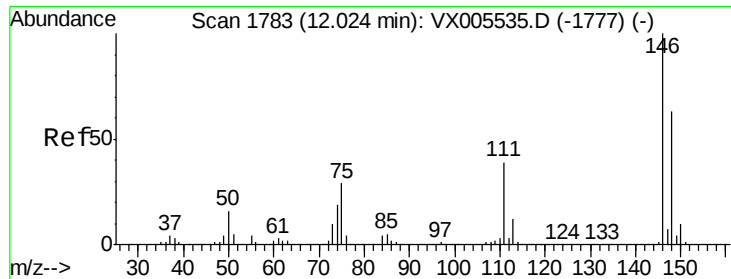


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

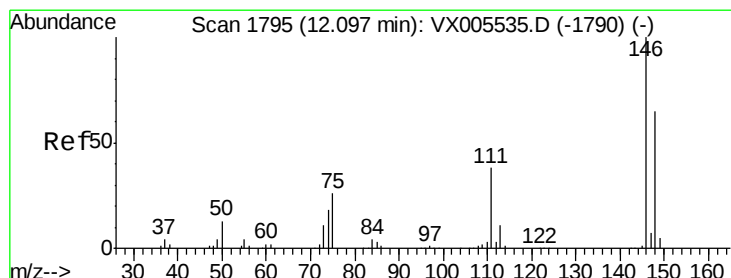
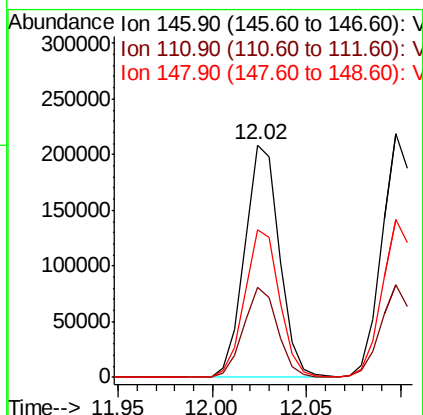
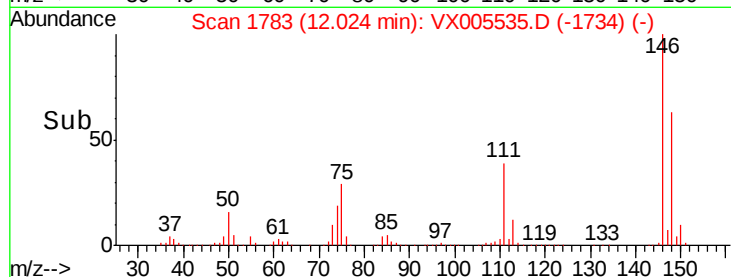
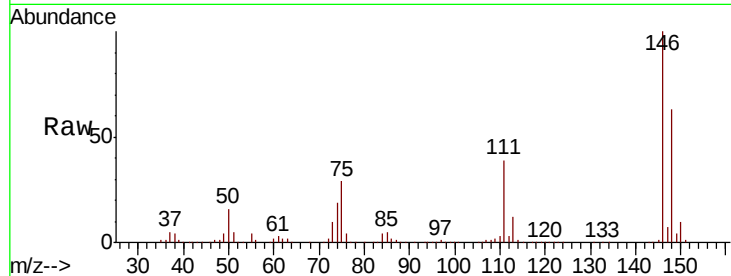




#87
 1,3-Dichlorobenzene
 Concen: 49.987 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

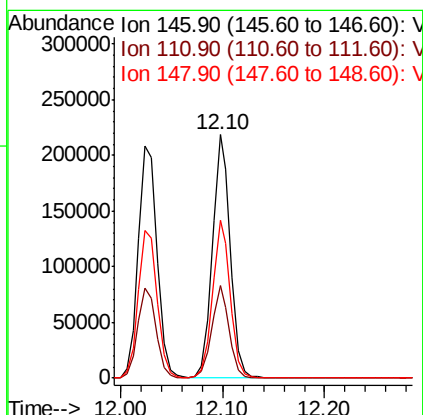
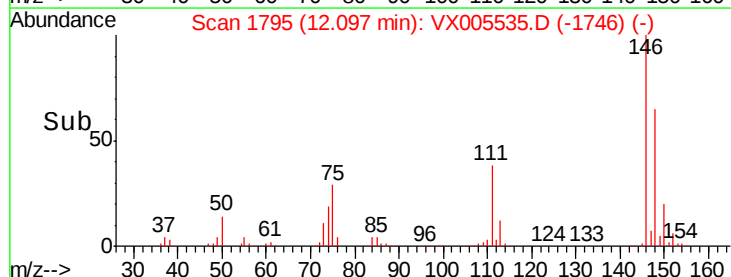
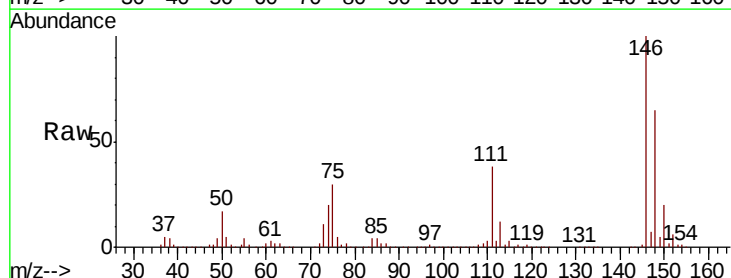
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

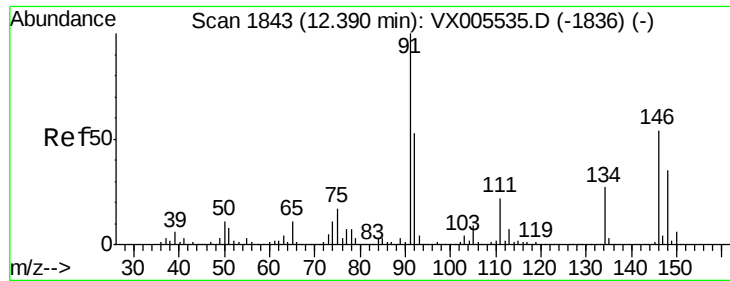
Tgt Ion:146 Resp: 266958
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.303 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion:146 Resp: 269825
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 53.065 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

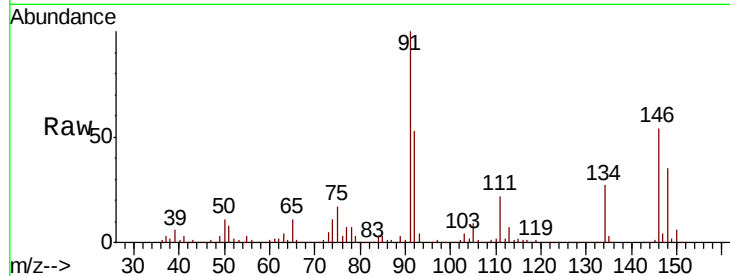
Tgt Ion: 91 Resp: 444055

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

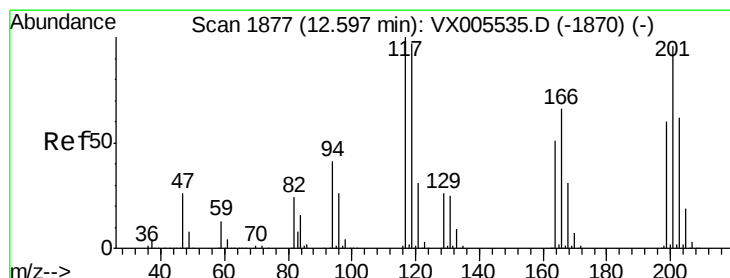
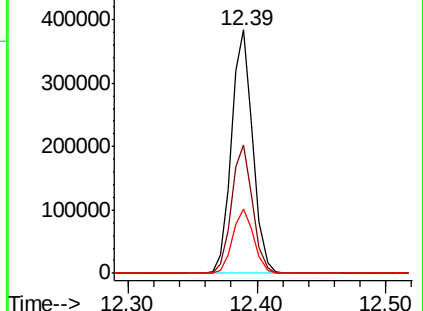
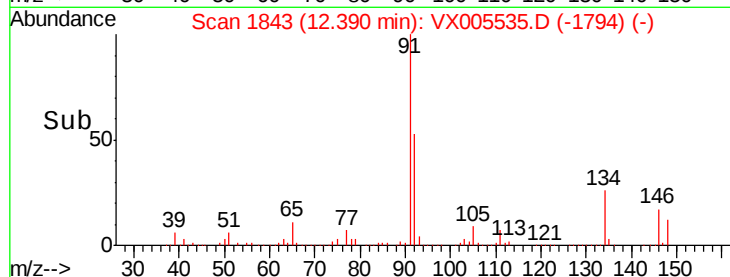
134 26.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.118 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005535.D

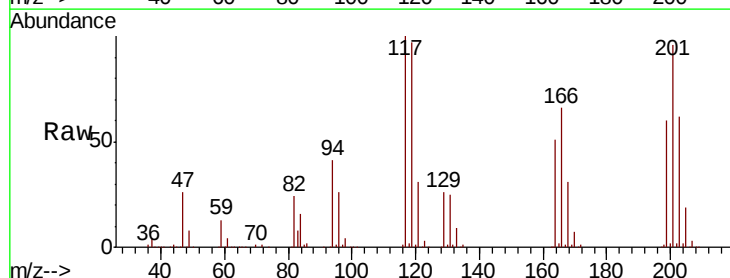
Acq: 24 Oct 2018 11:59

Tgt Ion: 117 Resp: 81722

Ion Ratio Lower Upper

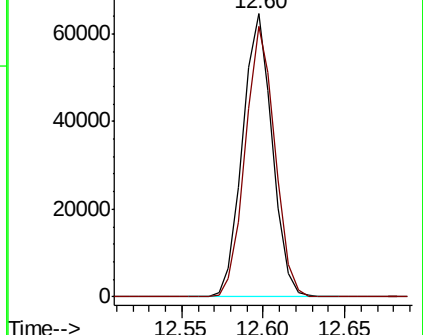
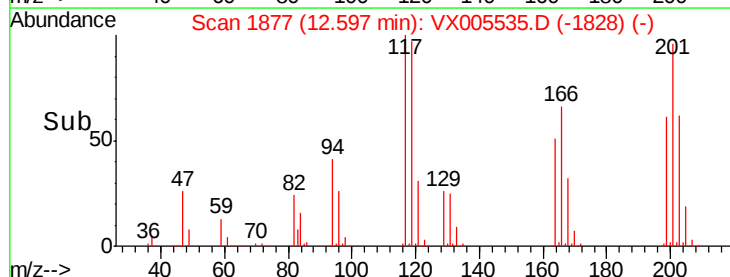
117 100

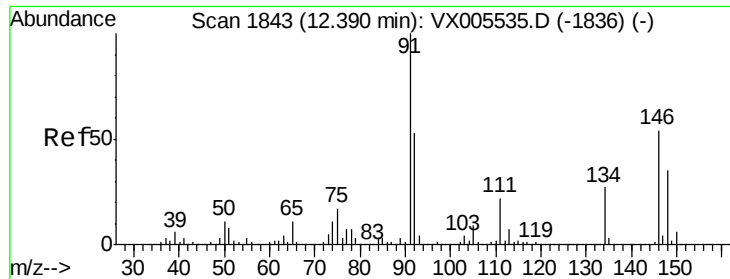
201 95.7 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.388 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

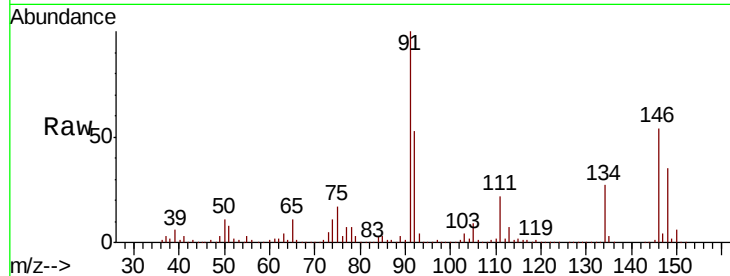
Tgt Ion:146 Resp: 266854

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

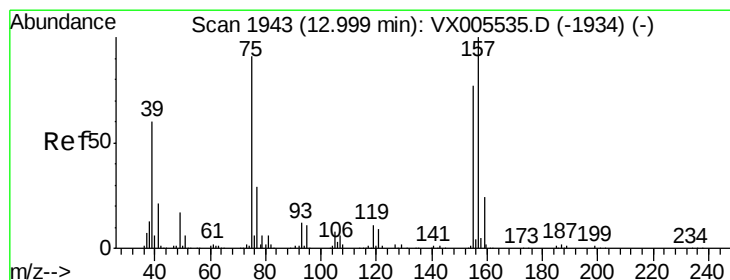
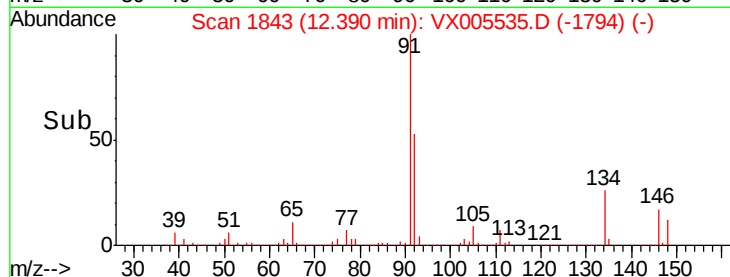
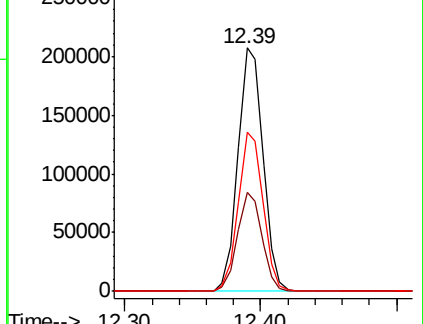
148 64.4 32.2 96.6



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: 49.989 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

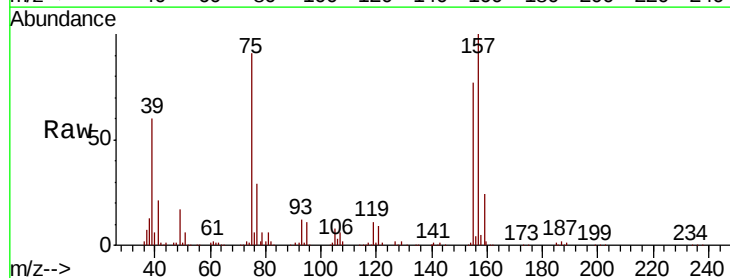
Tgt Ion: 75 Resp: 45442

Ion Ratio Lower Upper

75 100

155 90.7 45.4 136.1

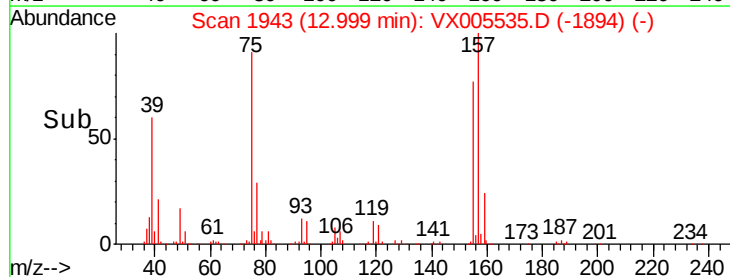
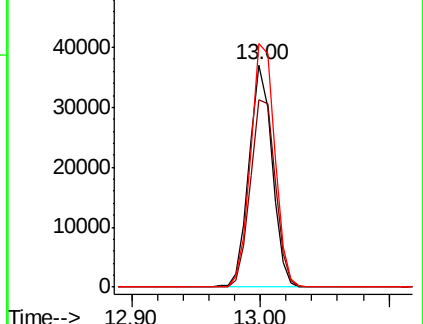
157 114.7 57.4 172.0

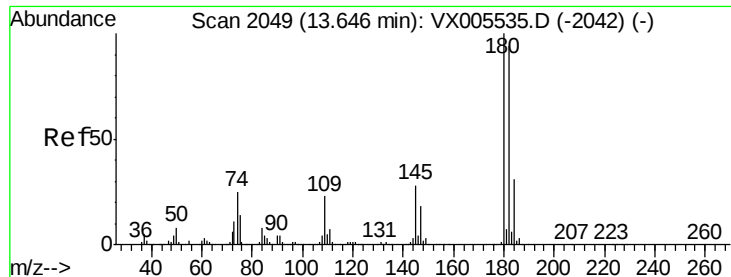


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

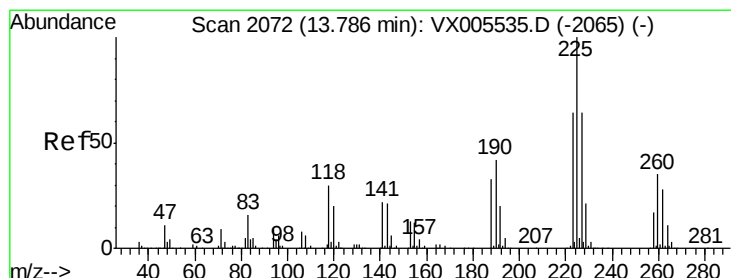
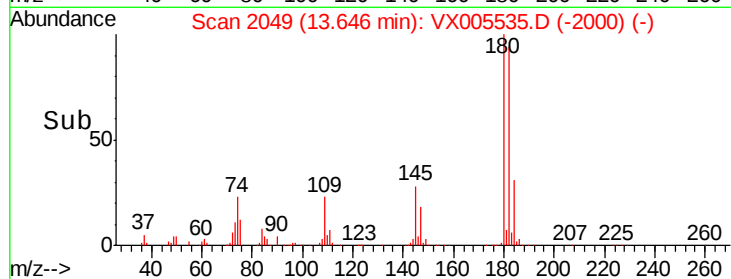
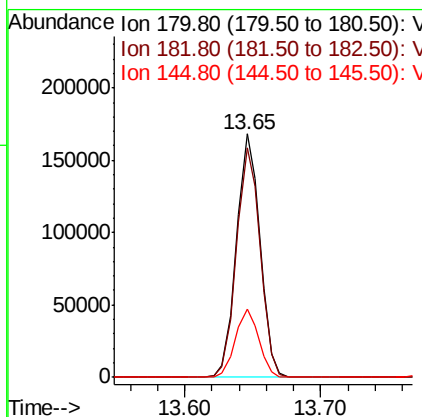
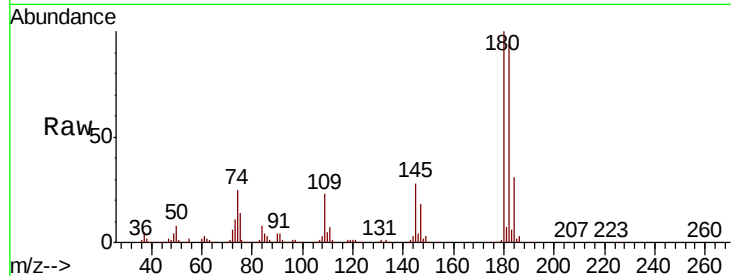




#93
 1,2,4-Trichlorobenzene
 Concen: 51.457 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

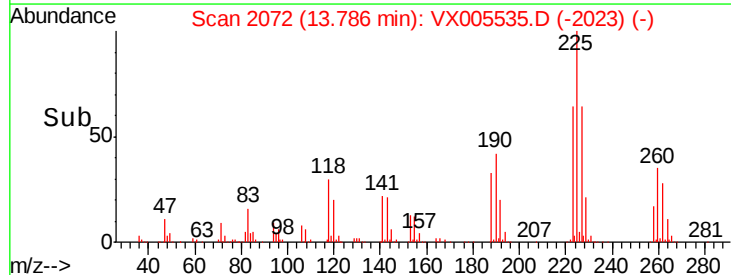
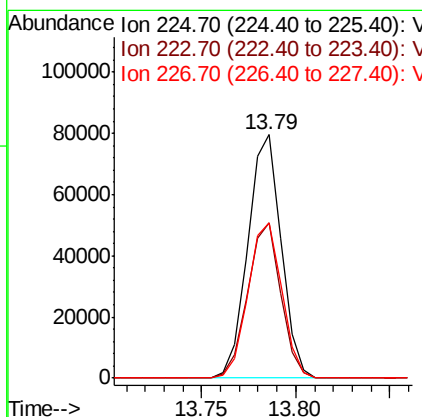
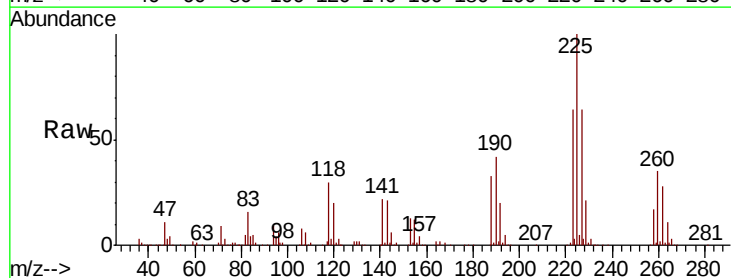
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

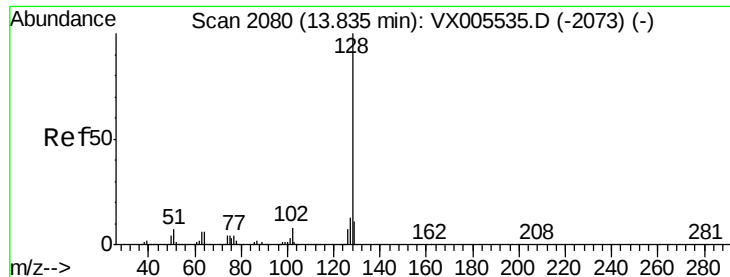
Tgt Ion:180 Resp: 201549
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 48.094 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion:225 Resp: 97620
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.7 95.1
 227 64.6 32.3 96.9

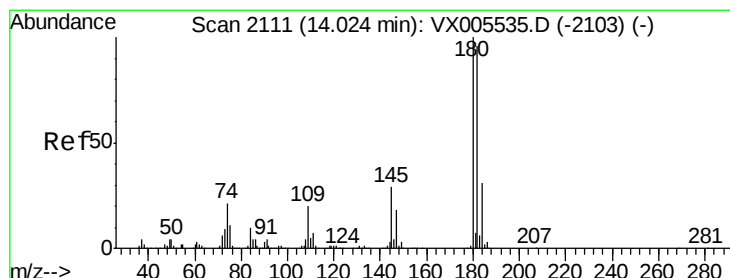
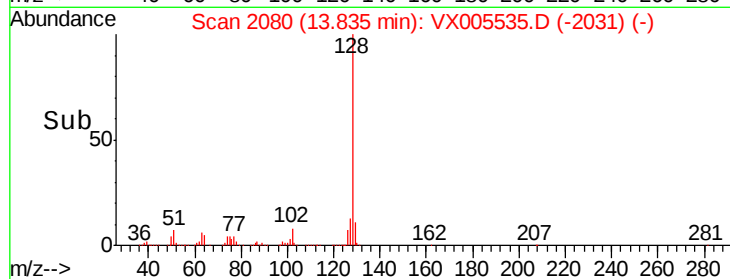
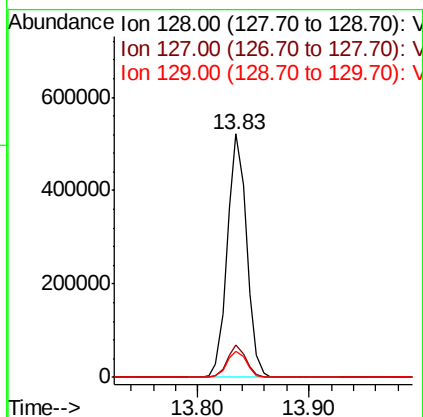
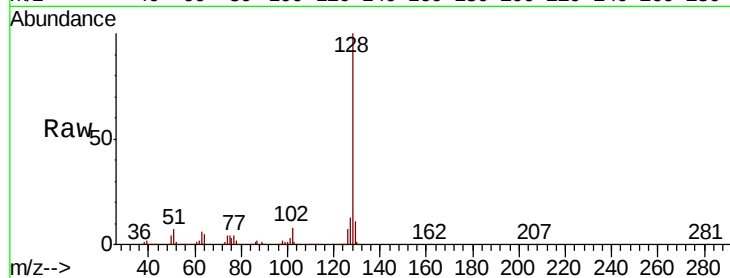




#95
Naphthalene
Concen: 54.837 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 624342
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:180 Resp: 207418
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 30.2 15.1 45.3

