

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005304.D
 Acq On : 12 Oct 2018 20:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 13 02:37:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	256573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143988	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	113915	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.72	98	416765	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	155672	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	113603	56.629	ug/l	98
3) Chloromethane	1.32	50	144285	49.637	ug/l	93
4) Vinyl Chloride	1.41	62	157032	53.329	ug/l	95
5) Bromomethane	1.64	94	80380	48.352	ug/l	89
6) Chloroethane	1.71	64	92102	53.290	ug/l	90
7) Trichlorofluoromethane	1.92	101	203576	51.807	ug/l	96
8) Diethyl Ether	2.19	74	89138	53.121	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118927	52.436	ug/l	95
10) Methyl Iodide	2.51	142	134409	53.846	ug/l	95
11) Tert butyl alcohol	3.09	59	205207	255.469	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126487	56.288	ug/l	91
13) Acrolein	2.29	56	122039	237.987	ug/l	93
14) Allyl chloride	2.72	41	253516	51.385	ug/l	97
15) Acrylonitrile	3.15	53	459927	252.675	ug/l	99
16) Acetone	2.45	43	411288	249.806	ug/l	94
17) Carbon Disulfide	2.56	76	340865	50.073	ug/l	100
18) Methyl Acetate	2.78	43	257147	54.898	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	425558	53.770	ug/l	92
20) Methylene Chloride	2.85	84	145995	61.149	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	123205	49.473	ug/l #	81
22) Diisopropyl ether	3.87	45	478960	57.798	ug/l #	93
23) Vinyl Acetate	3.83	43	2046068	282.493	ug/l #	93
24) 1,1-Dichloroethane	3.69	63	268003	56.431	ug/l	96
25) 2-Butanone	4.70	43	673101	279.420	ug/l #	88
26) 2,2-Dichloropropane	4.58	77	182925	51.501	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	150804	55.720	ug/l	95
28) Bromochloromethane	5.02	49	113812	52.568	ug/l	95
29) Tetrahydrofuran	5.15	42	412936	268.736	ug/l	93
30) Chloroform	5.21	83	234279	53.147	ug/l	94
31) Cyclohexane	5.57	56	221892	56.687	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	197266	51.430	ug/l	96
36) 1,1-Dichloropropene	5.81	75	178766	52.132	ug/l	99
37) Ethyl Acetate	4.86	43	232624	52.750	ug/l	98
38) Carbon Tetrachloride	5.78	117	179807	52.186	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190061	51.212	ug/l	96
40) Benzene	6.14	78	534693	51.980	ug/l	93
41) Methacrylonitrile	5.06	41	130582	55.234	ug/l	97
42) 1,2-Dichloroethane	6.20	62	190832	52.539	ug/l	98
43) Isopropyl Acetate	6.46	43	337192	57.401	ug/l	96
44) Trichloroethene	7.21	130	140362	53.484	ug/l	82
45) 1,2-Dichloropropane	7.52	63	131022	51.925	ug/l	100
46) Dibromomethane	7.66	93	83479	50.126	ug/l	98
47) Bromodichloromethane	7.90	83	166063	53.908	ug/l	98
48) Methyl methacrylate	7.77	41	161852	53.123	ug/l	95
49) 1,4-Dioxane	7.76	88	69516	989.233	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1103727	271.352	ug/l	95
52) Toluene	8.79	92	306102	54.392	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180892	54.261	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	195875	54.226	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125706	52.737	ug/l	96
56) Ethyl methacrylate	9.18	69	196908	56.666	ug/l	95
57) 1,3-Dichloropropane	9.37	76	211488	53.158	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583470	299.404	ug/l	92
59) 2-Hexanone	9.50	43	881583	269.439	ug/l	94
60) Dibromochloromethane	9.58	129	134049	54.406	ug/l	100
61) 1,2-Dibromoethane	9.68	107	133018	53.174	ug/l	99
64) Tetrachloroethene	9.33	164	137264	50.844	ug/l	98
65) Chlorobenzene	10.14	112	345632	48.454	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	128096	50.392	ug/l	98
67) Ethyl Benzene	10.26	91	590764	50.945	ug/l	98
68) m/p-Xylenes	10.36	106	465447	103.412	ug/l	95
69) o-Xylene	10.70	106	222500	51.258	ug/l	97
70) Styrene	10.71	104	375753	52.628	ug/l	97
71) Bromoform	10.86	173	113531	49.979	ug/l #	99
73) Isopropylbenzene	11.02	105	605557	53.041	ug/l	100
74) N-amyl acetate	10.90	43	288476	52.388	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	209647	48.679	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244344	65.592	ug/l	89
77) Bromobenzene	11.26	156	164059	50.258	ug/l	99
78) n-propylbenzene	11.36	91	691422	52.629	ug/l	100
79) 2-Chlorotoluene	11.42	91	411609	51.157	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	520433	53.232	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61524	50.182	ug/l	97
82) 4-Chlorotoluene	11.51	91	490638	51.441	ug/l	100
83) tert-Butylbenzene	11.77	119	517191	52.240	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	540690	53.741	ug/l	98
85) sec-Butylbenzene	11.95	105	619243	52.853	ug/l	99
86) p-Isopropyltoluene	12.07	119	562069	53.077	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	304720	49.956	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	309349	49.574	ug/l	99
89) n-Butylbenzene	12.39	91	494372	51.417	ug/l	98
90) Hexachloroethane	12.60	117	91338	50.047	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	308321	49.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51731	49.243	ug/l	96

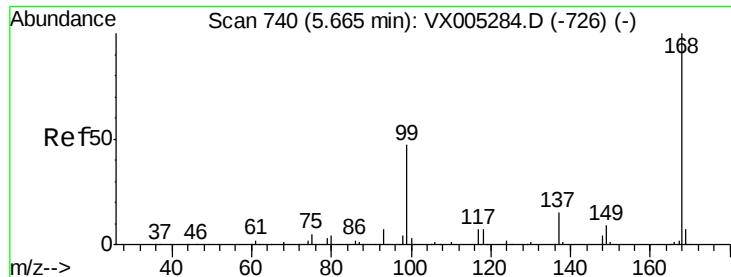
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235796	51.632	ug/l	99
94) Hexachlorobutadiene	13.79	225	118735	49.227	ug/l	97
95) Naphthalene	13.83	128	727117	54.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244008	52.218	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

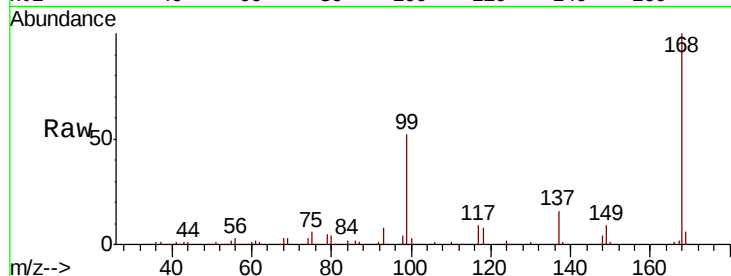
VSTDCCC050EC

Tot Ion:168 Resp: 256573

Ion Ratio Lower Upper

168 100

99 52.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

40000

20000

0

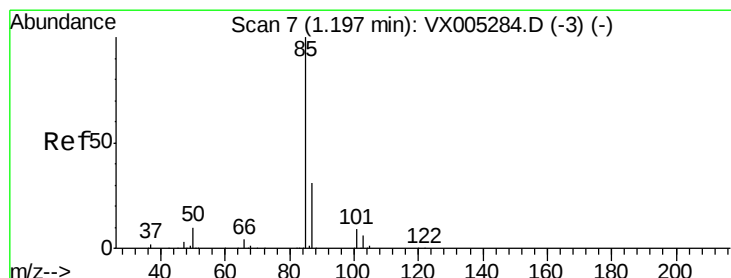
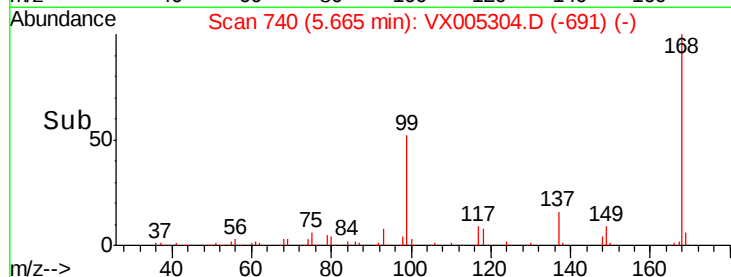
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 56.629 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005304.D

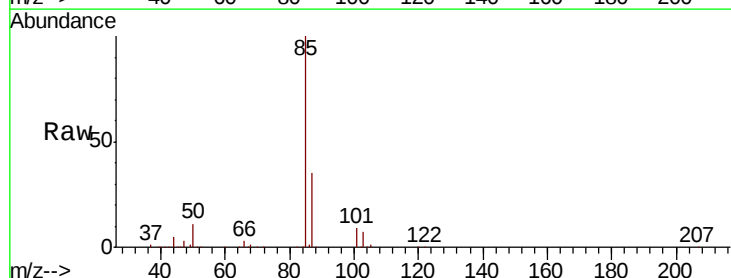
Acq: 12 Oct 2018 20:05

Tgt Ion: 85 Resp: 113603

Ion Ratio Lower Upper

85 100

87 34.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

0

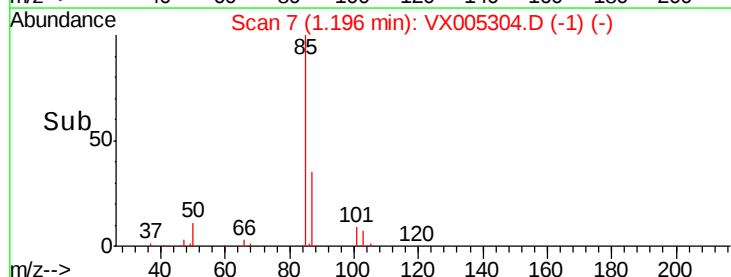
Time-->

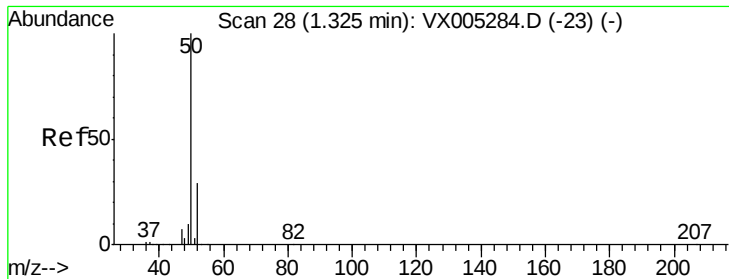
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 49.637 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

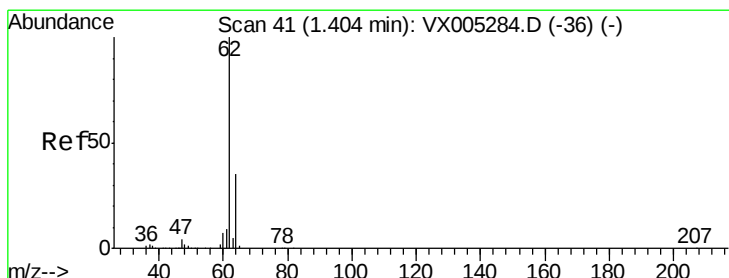
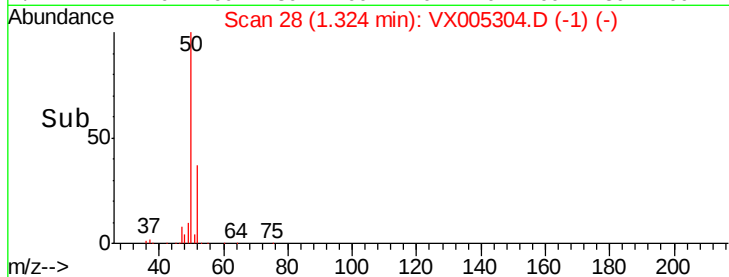
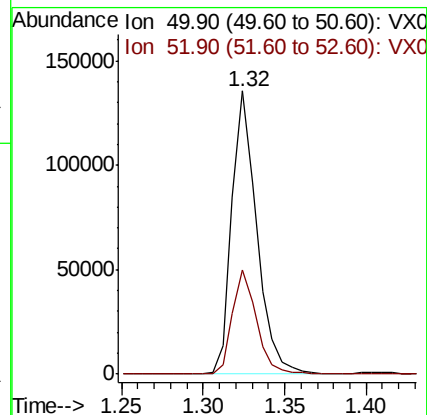
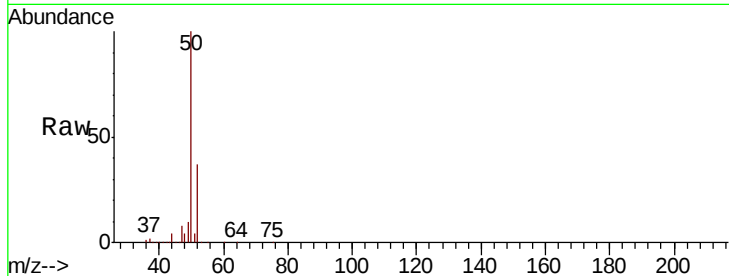
VSTDCCC050EC

Tot Ion: 50 Resp: 144285

Ion Ratio Lower Upper

50 100

52 36.6 26.2 39.2



#4

Vinyl Chloride

Concen: 53.329 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005304.D

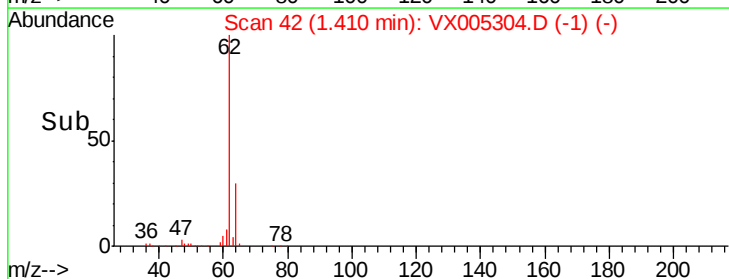
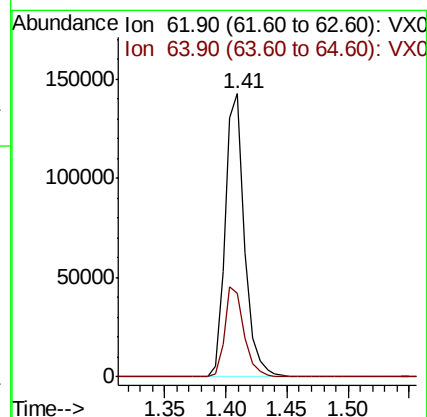
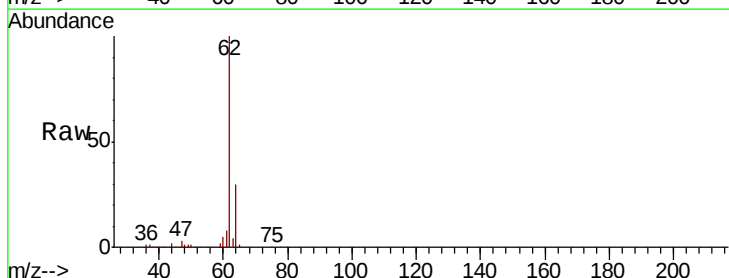
Acq: 12 Oct 2018 20:05

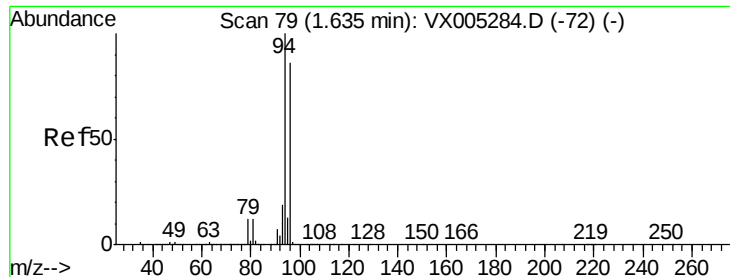
Tgt Ion: 62 Resp: 157032

Ion Ratio Lower Upper

62 100

64 29.6 25.8 38.8





#5

Bromomethane

Concen: 48.352 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

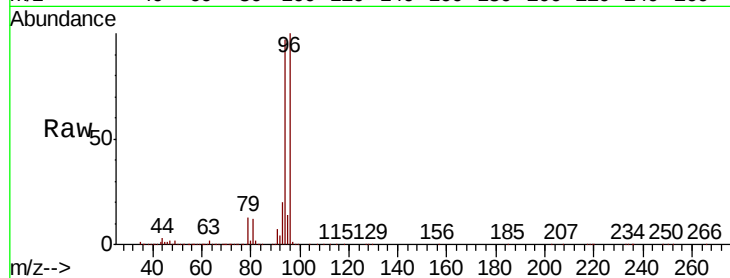
VSTDCCC050EC

Tot Ion: 94 Resp: 80380

Ion Ratio Lower Upper

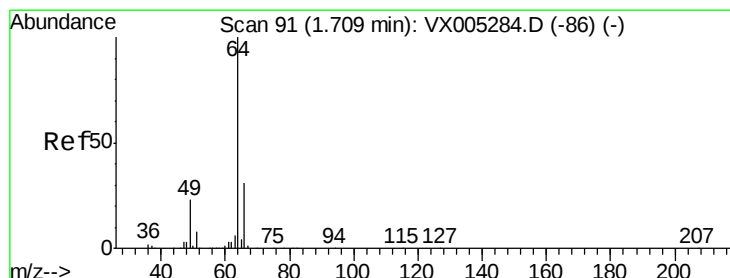
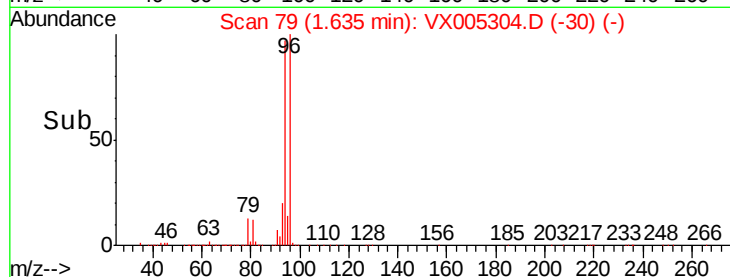
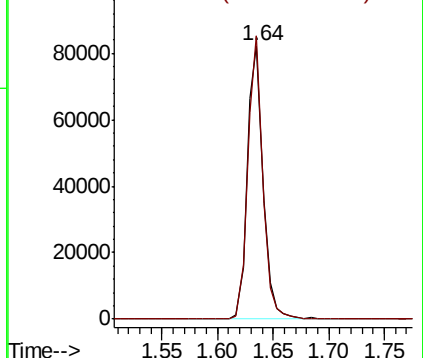
94 100

96 103.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.290 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005304.D

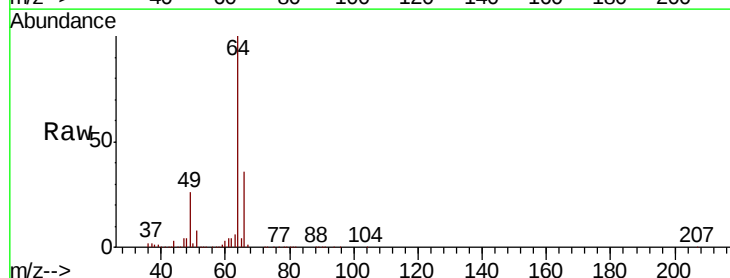
Acq: 12 Oct 2018 20:05

Tgt Ion: 64 Resp: 92102

Ion Ratio Lower Upper

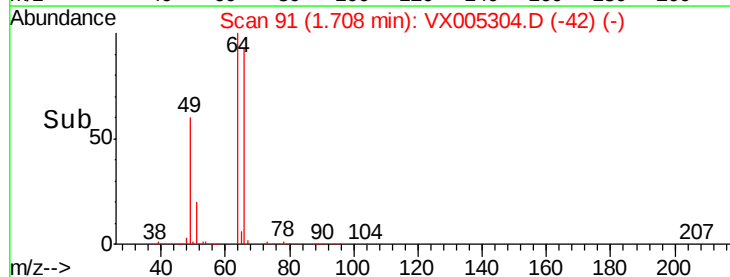
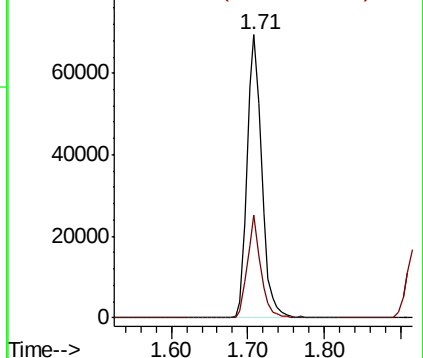
64 100

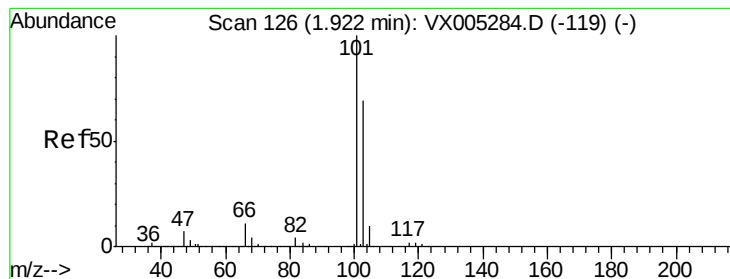
66 36.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



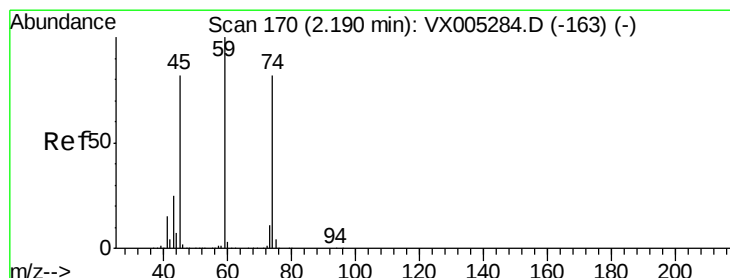
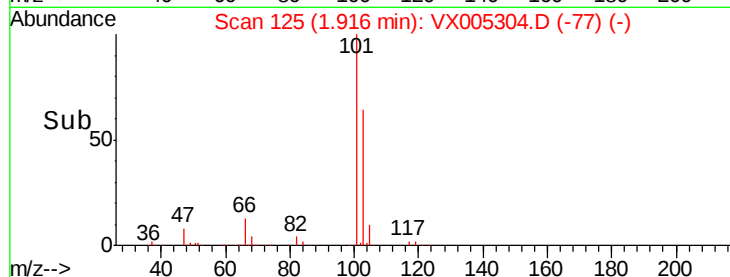
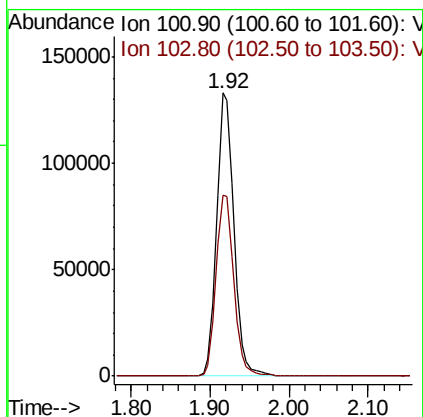
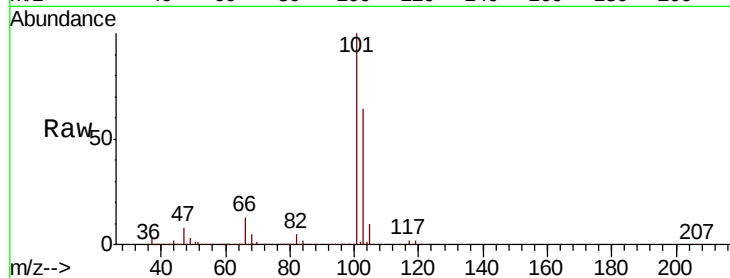


#7

Trichlorofluoromethane
 Concen: 51.807 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

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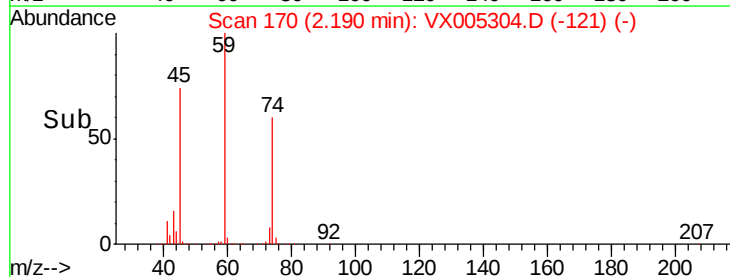
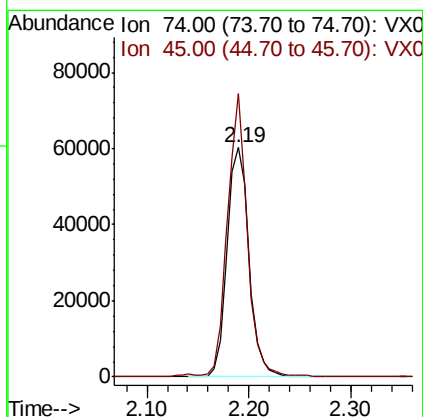
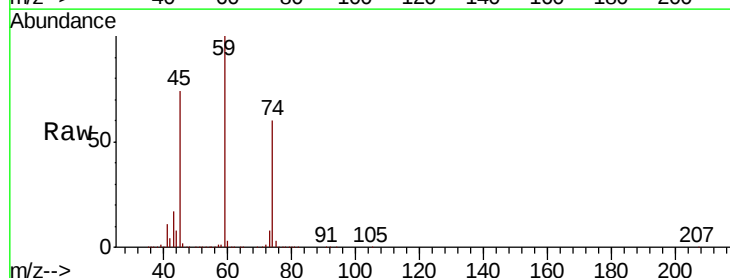
Tot Ion:101 Resp: 203576
 Ion Ratio Lower Upper
 101 100
 103 64.1 48.9 73.3



#8

Diethyl Ether
 Concen: 53.121 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion: 74 Resp: 89138
 Ion Ratio Lower Upper
 74 100
 45 110.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.436 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

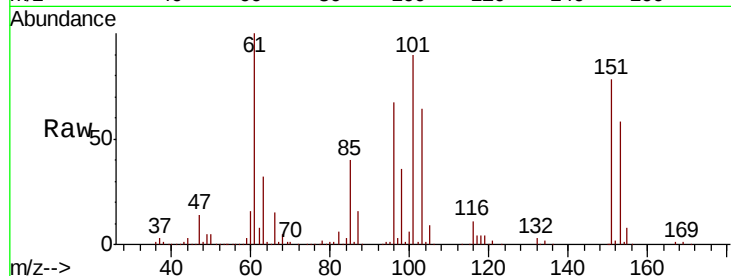
Tot Ion:101 Resp: 118927

Ion Ratio Lower Upper

101 100

85 45.1 34.2 51.4

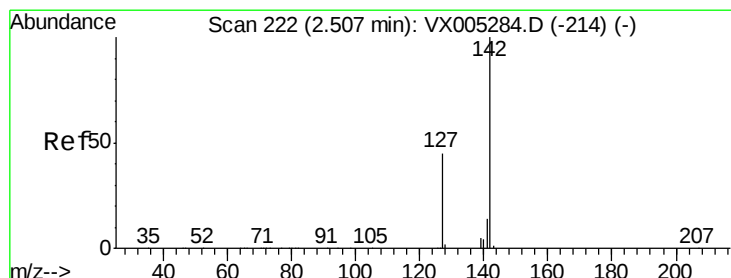
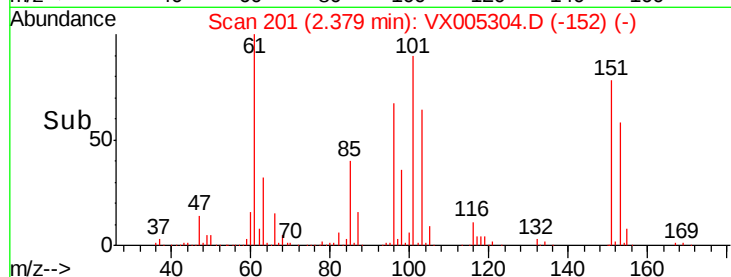
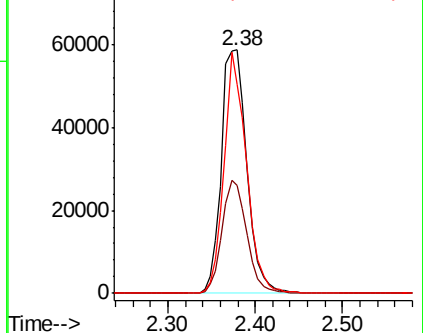
151 86.7 65.0 97.6



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: 53.846 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

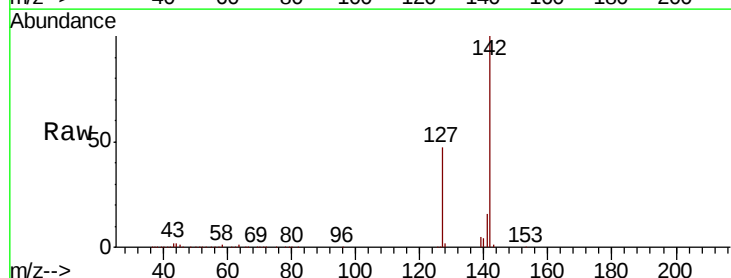
Tgt Ion:142 Resp: 134409

Ion Ratio Lower Upper

142 100

127 45.9 33.8 50.6

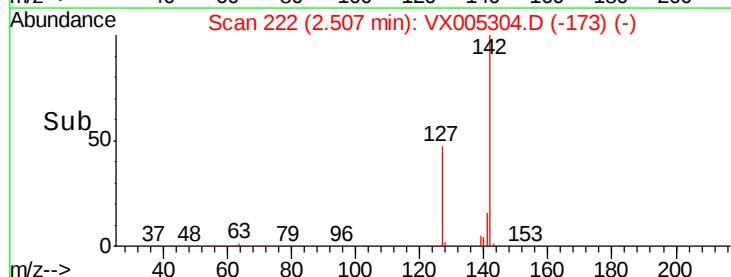
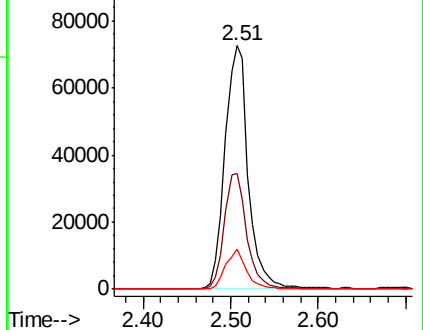
141 14.8 11.4 17.0

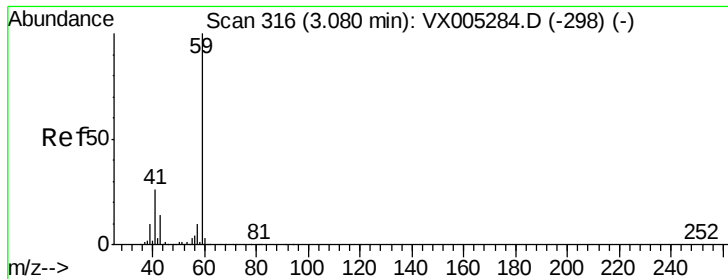


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

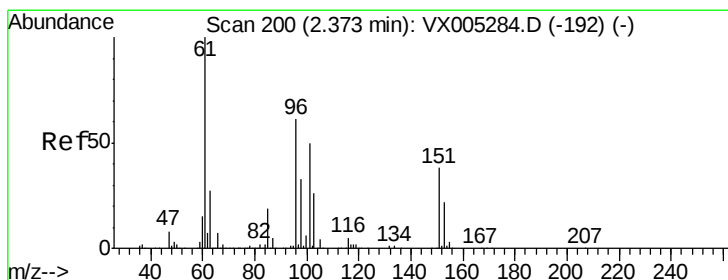
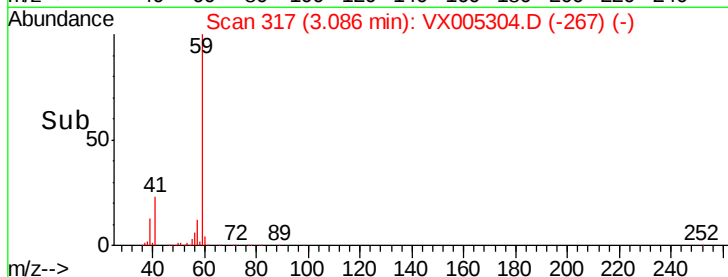
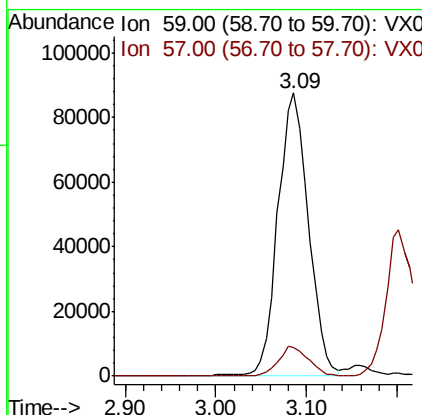
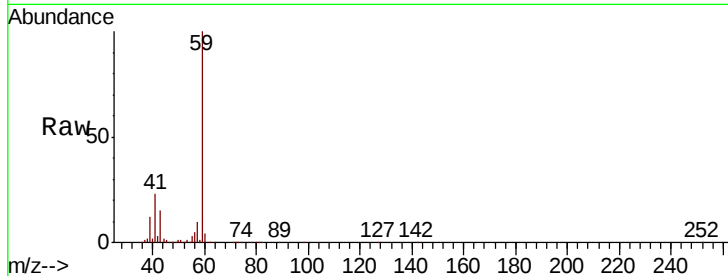




#11
Tert butyl alcohol
Concen: 255.469 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

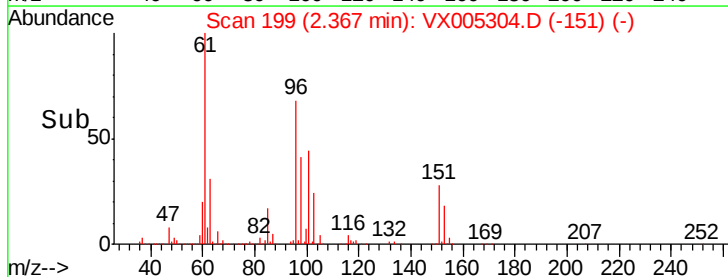
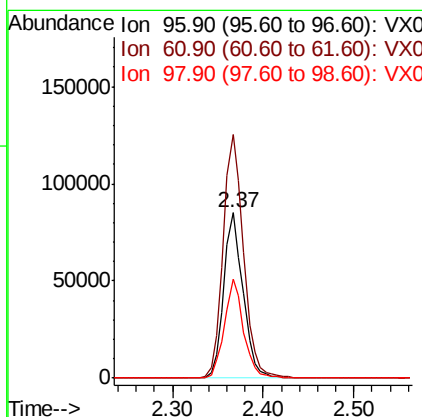
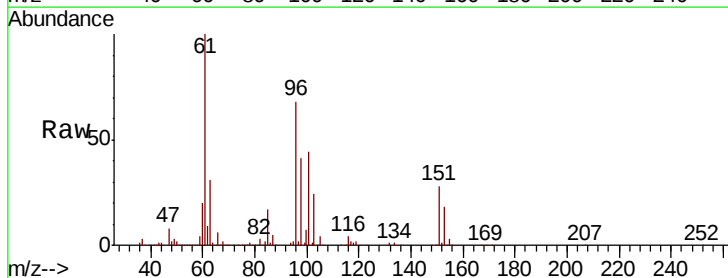
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

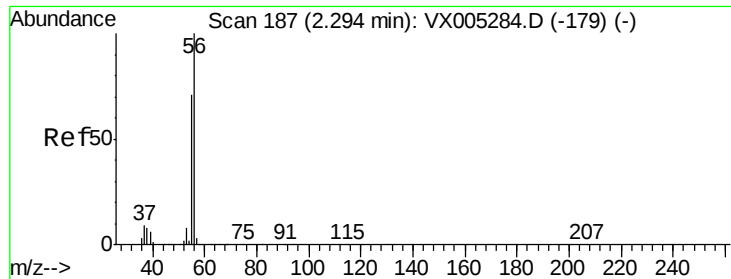
Tot Ion: 59 Resp: 205207
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 56.288 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 96 Resp: 126487
Ion Ratio Lower Upper
96 100
61 147.3 128.8 193.2
98 59.7 52.2 78.2

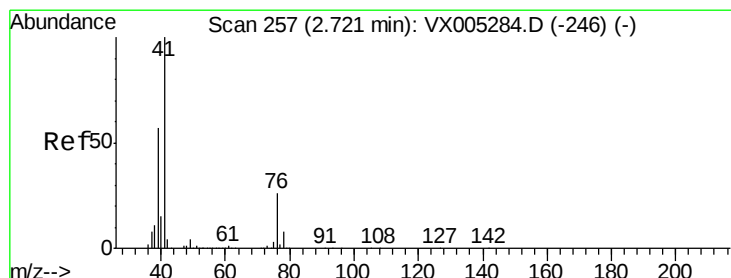
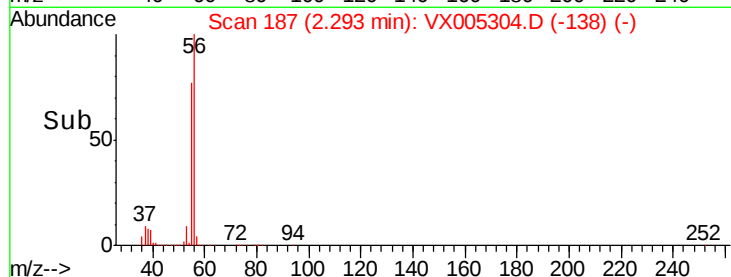
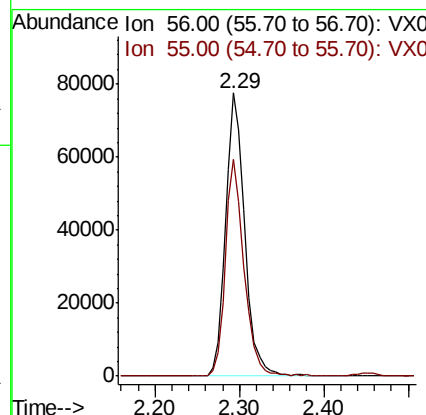
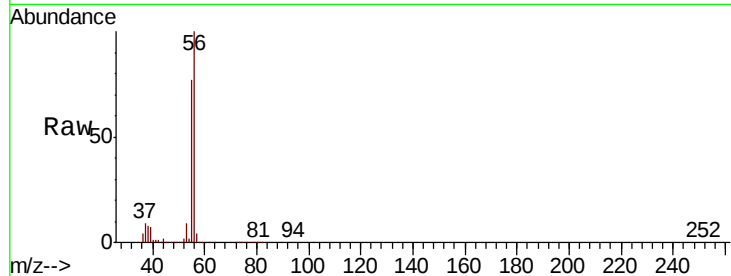




#13
Acrolein
Concen: 237.987 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

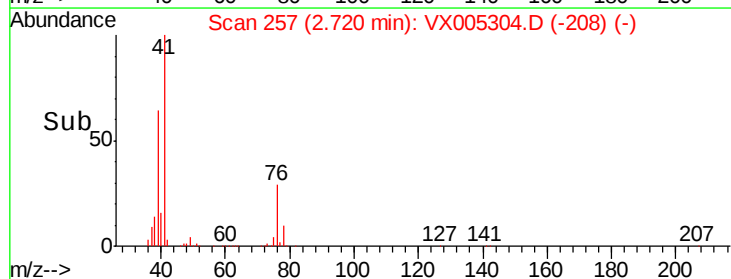
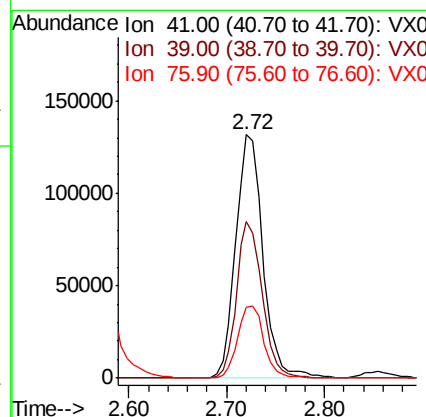
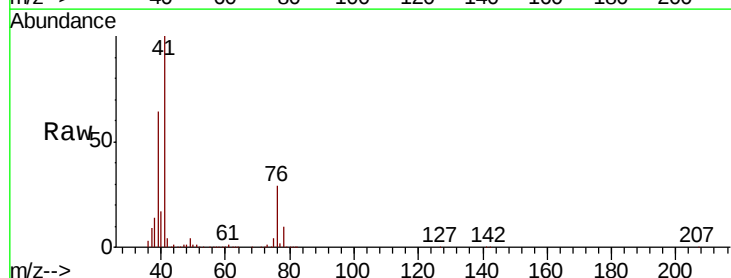
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

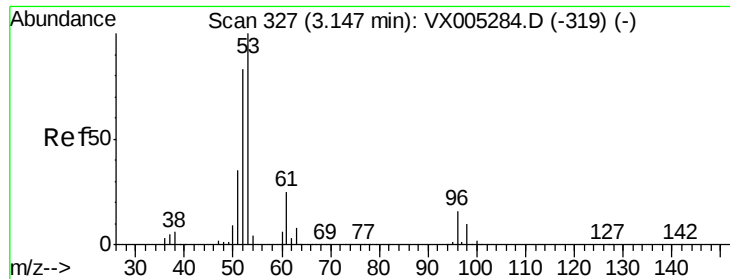
Tot Ion: 56 Resp: 122039
Ion Ratio Lower Upper
56 100
55 74.0 54.7 82.1



#14
Allyl chloride
Concen: 51.385 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 41 Resp: 253516
Ion Ratio Lower Upper
41 100
39 60.8 48.9 73.3
76 28.7 26.7 40.1





#15

Acrylonitrile

Concen: 252.675 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

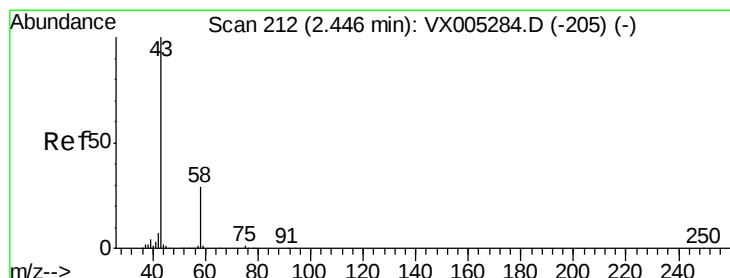
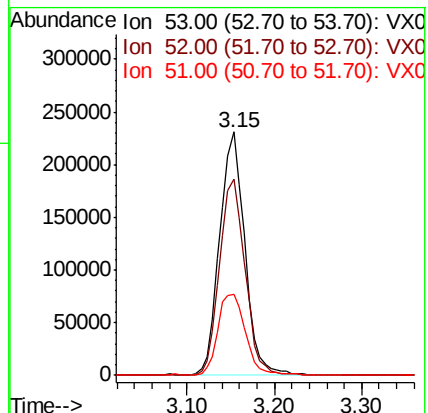
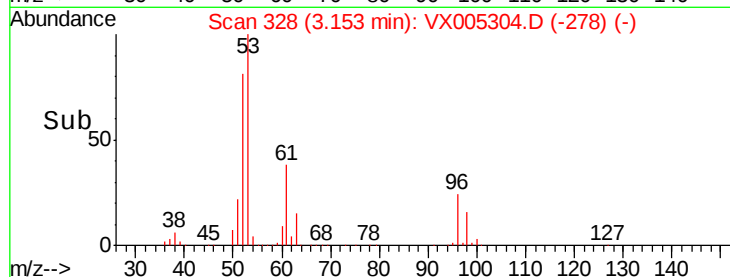
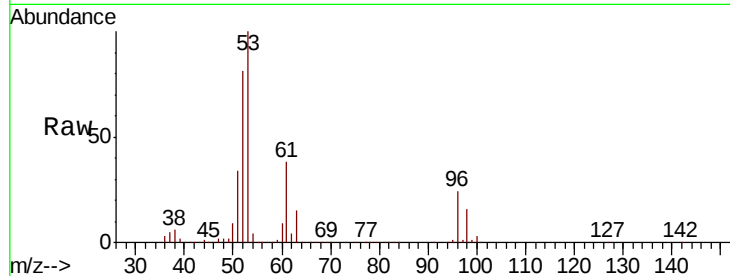
Tot Ion: 53 Resp: 459927

Ion Ratio Lower Upper

53 100

52 82.2 65.2 97.8

51 36.6 28.2 42.2



#16

Acetone

Concen: 249.806 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005304.D

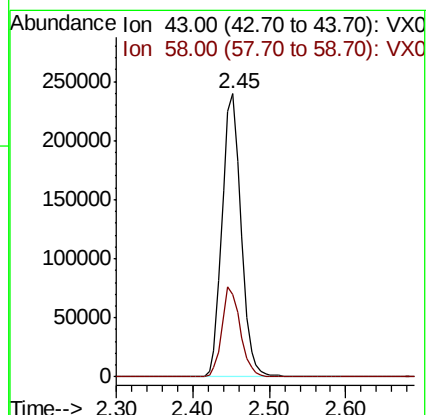
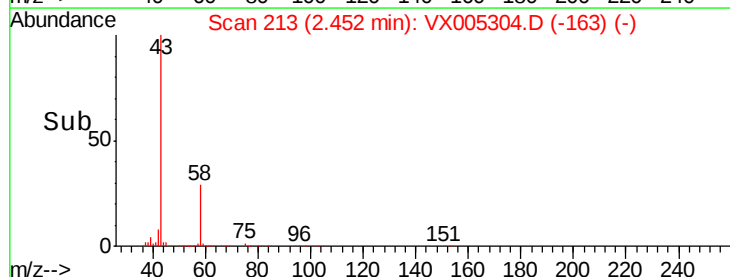
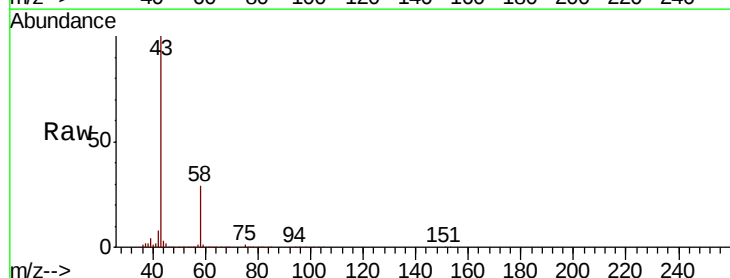
Acq: 12 Oct 2018 20:05

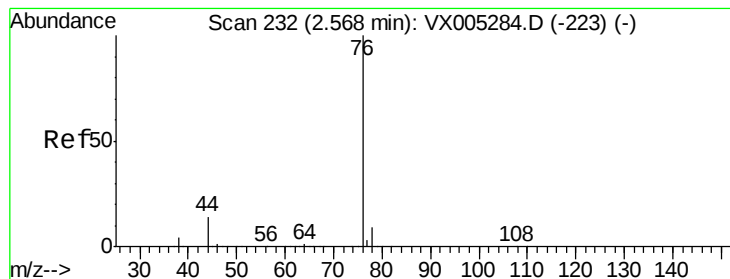
Tgt Ion: 43 Resp: 411288

Ion Ratio Lower Upper

43 100

58 29.2 26.2 39.4





#17

Carbon Disulfide

Concen: 50.073 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

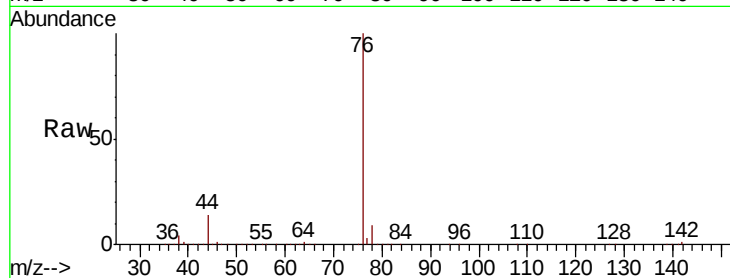
VSTDCCC050EC

Tot Ion: 76 Resp: 340865

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

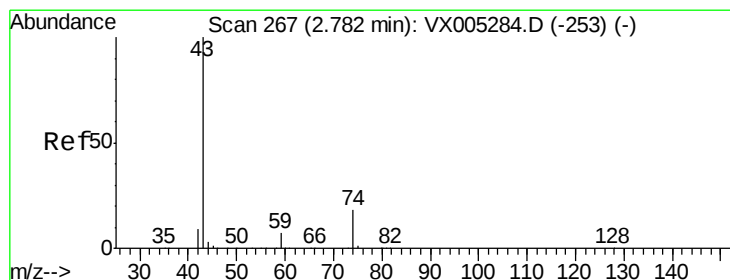
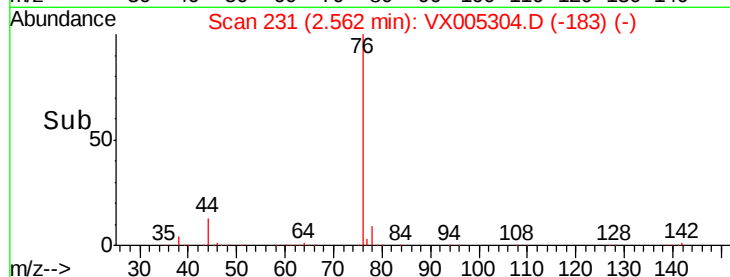
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.898 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005304.D

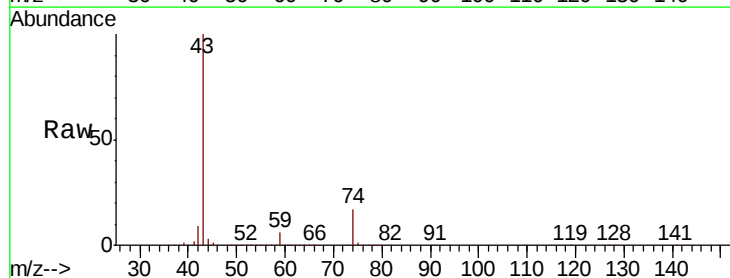
Acq: 12 Oct 2018 20:05

Tgt Ion: 43 Resp: 257147

Ion Ratio Lower Upper

43 100

74 20.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

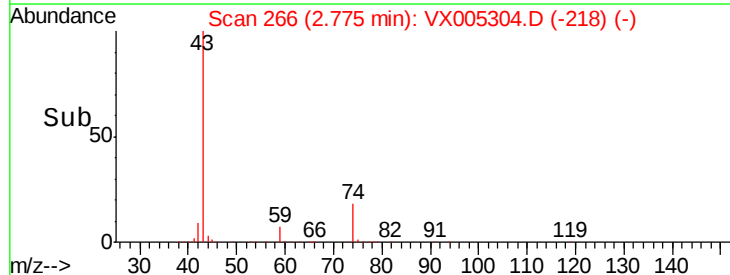
150000

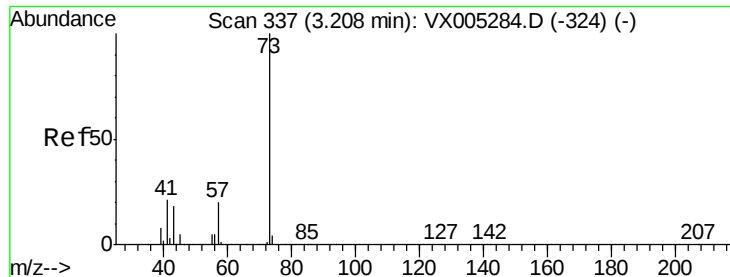
100000

50000

0

Time-->



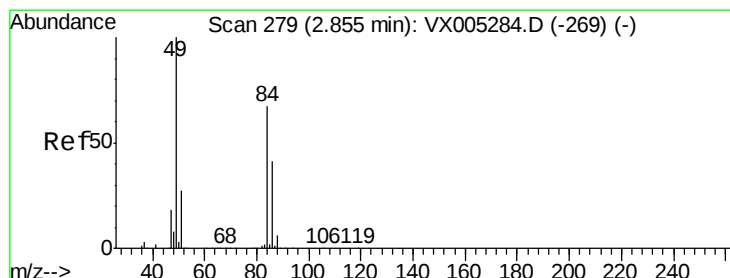
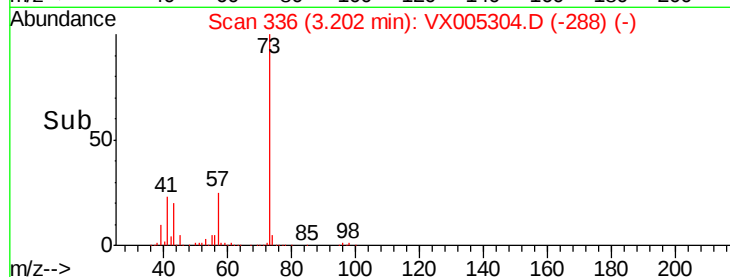
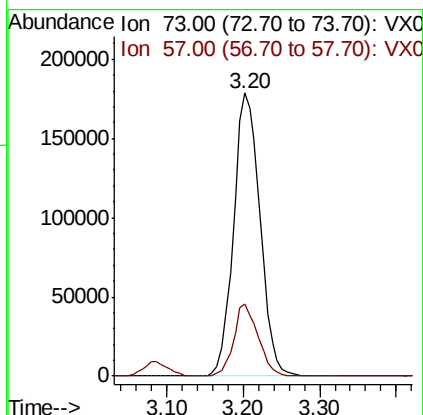
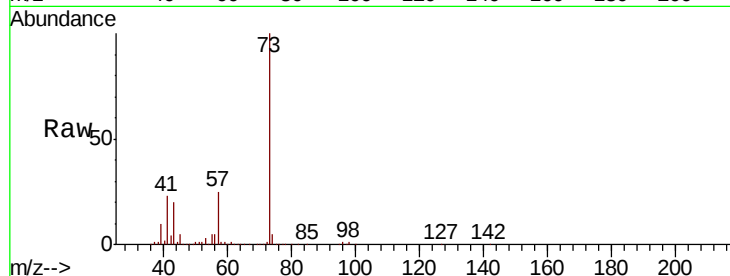


#19

Methyl tert-butyl Ether
 Concen: 53.770 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

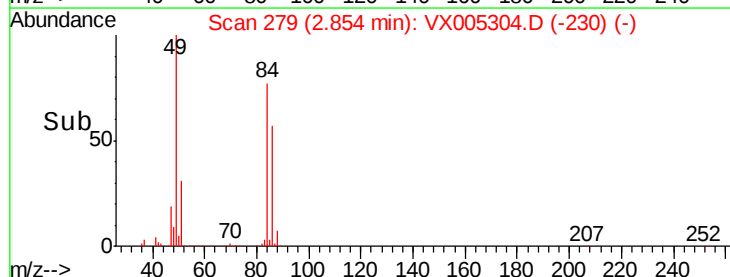
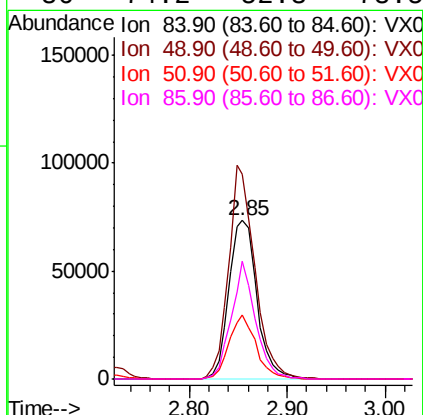
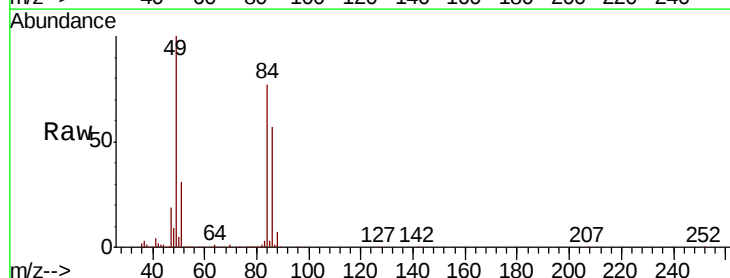
Tot Ion: 73 Resp: 425558
 Ion Ratio Lower Upper
 73 100
 57 25.4 17.1 25.7



#20

Methylene Chloride
 Concen: 61.149 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion: 84 Resp: 145995
 Ion Ratio Lower Upper
 84 100
 49 129.7 101.2 151.8
 51 40.6 29.5 44.3
 86 74.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.473 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

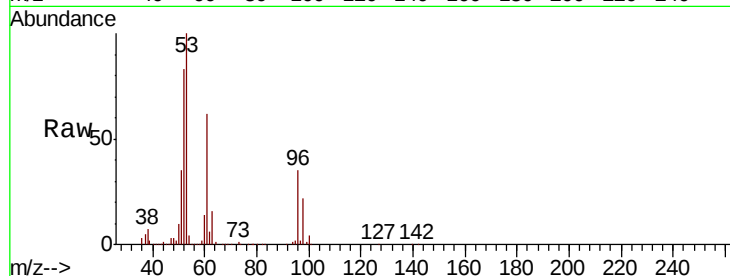
Tot Ion: 96 Resp: 123205

Ion Ratio Lower Upper

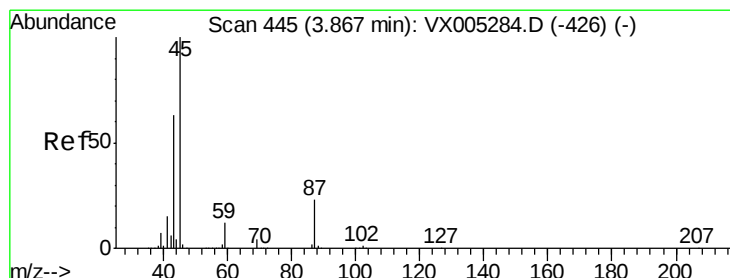
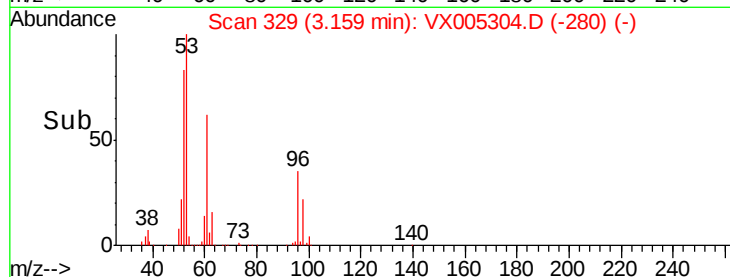
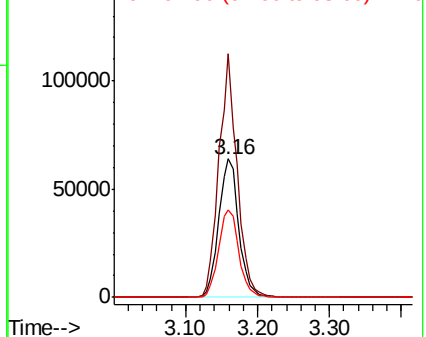
96 100

61 175.7 113.8 170.6#

98 63.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 57.798 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Tgt Ion: 45 Resp: 478960

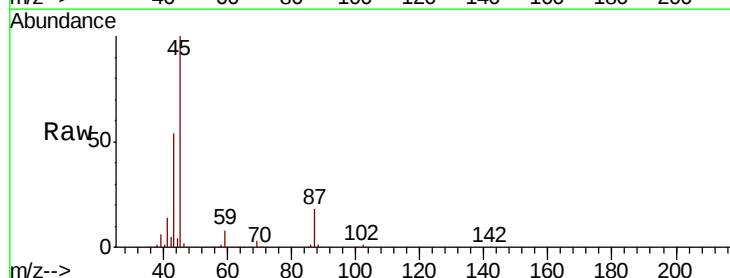
Ion Ratio Lower Upper

45 100

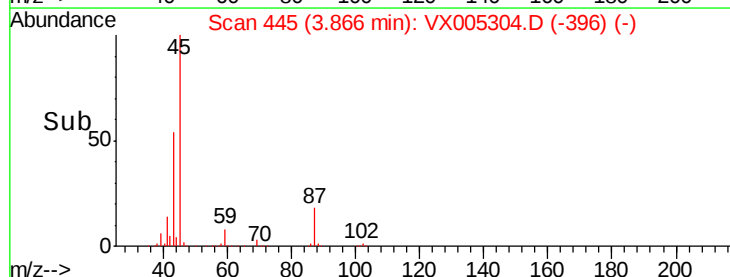
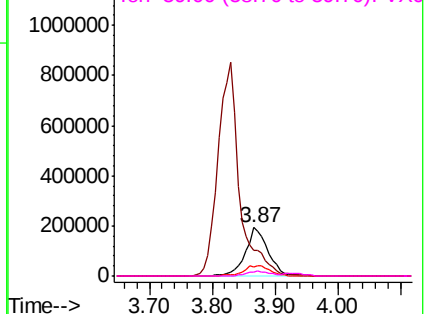
43 53.9 42.8 64.2

87 18.0 22.6 34.0#

59 8.2 9.6 14.4#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 282.493 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

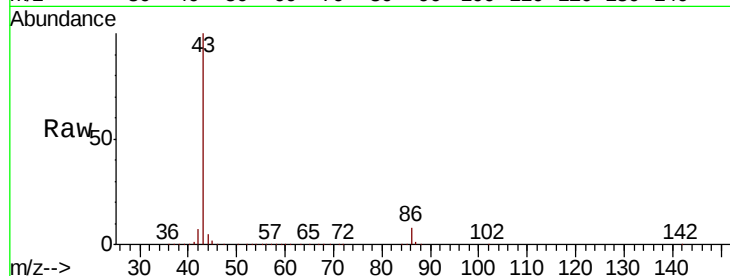
VSTDCCC050EC

Tot Ion: 43 Resp: 2046068

Ion Ratio Lower Upper

43 100

86 8.3 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

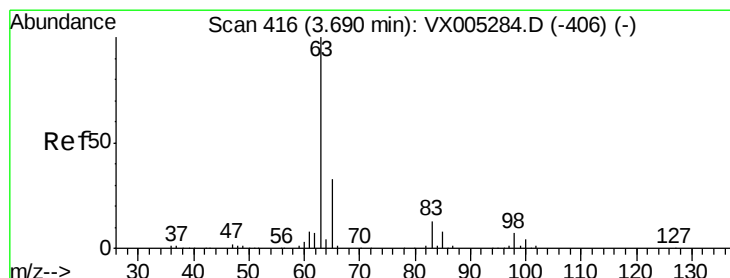
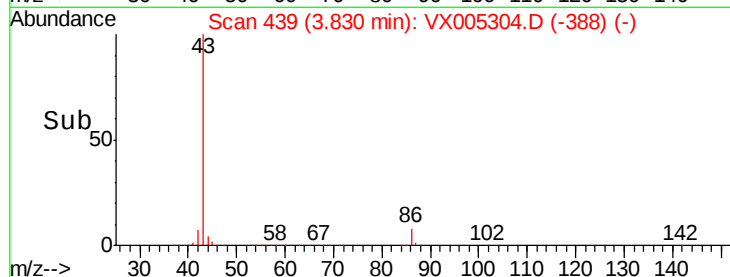
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 56.431 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

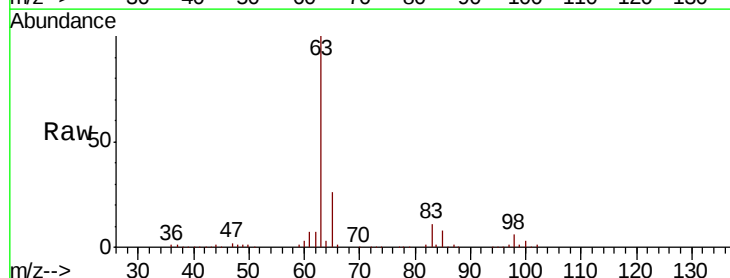
Tgt Ion: 63 Resp: 268003

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

100 3.3 2.4 7.1



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

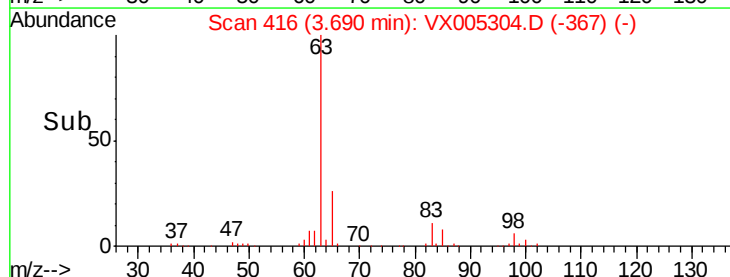
150000

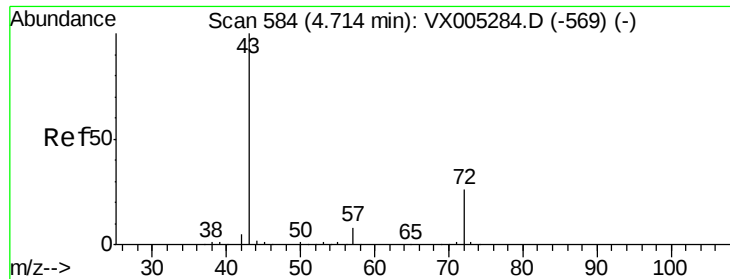
100000

50000

0

Time-->





#25

2-Butanone

Concen: 279.420 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

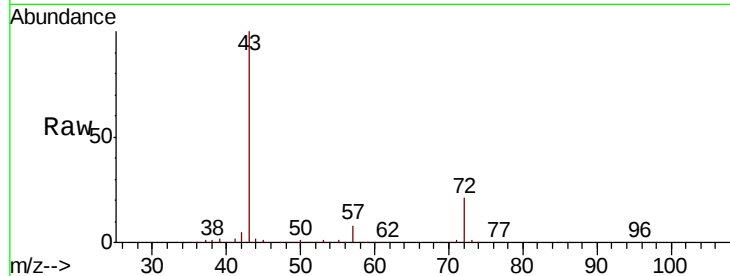
VSTDCCC050EC

Tot Ion: 43 Resp: 673101

Ion Ratio Lower Upper

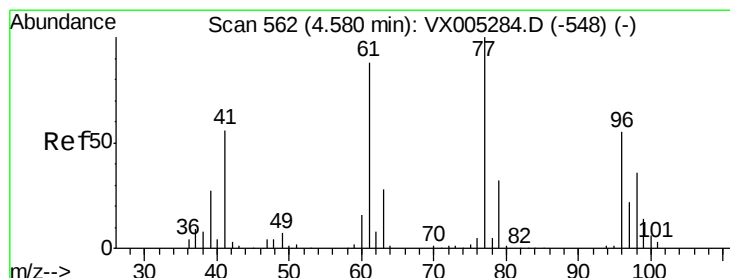
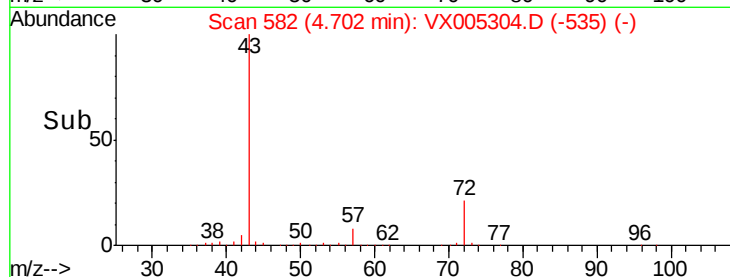
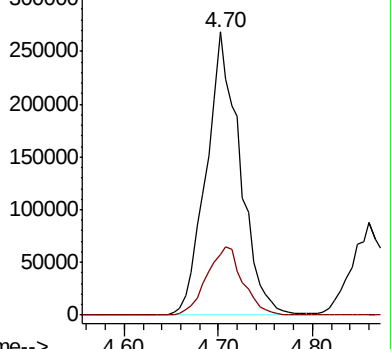
43 100

72 21.4 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.501 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005304.D

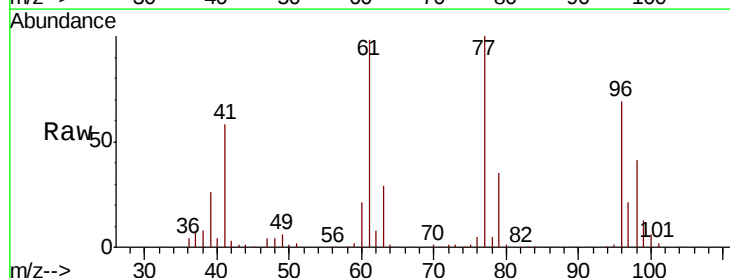
Acq: 12 Oct 2018 20:05

Tgt Ion: 77 Resp: 182925

Ion Ratio Lower Upper

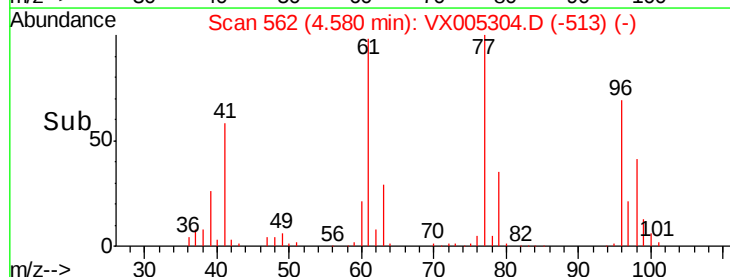
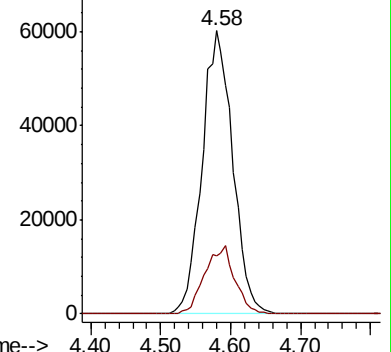
77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



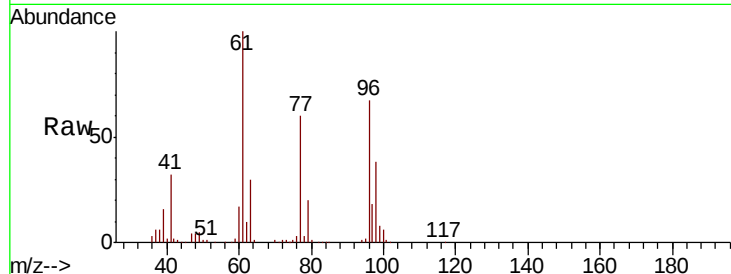


#27

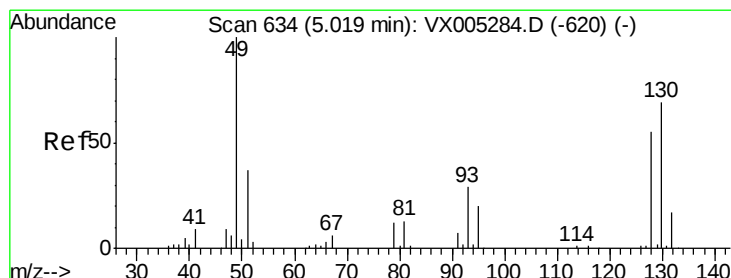
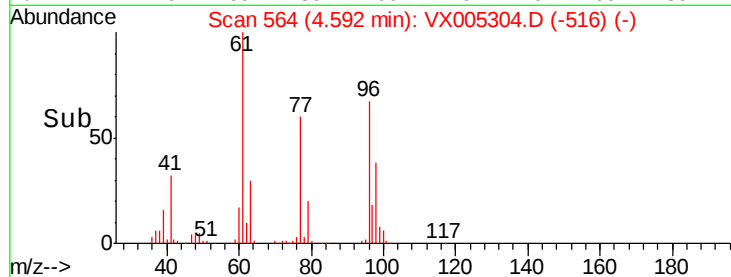
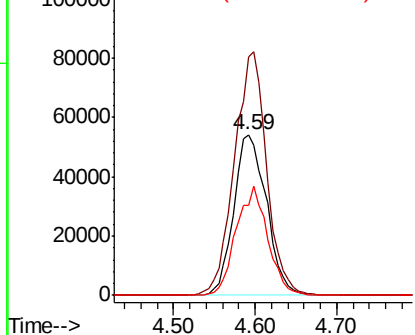
cis-1,2-Dichloroethene
 Concen: 55.720 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	282.6
98	65.4	0.0	130.2



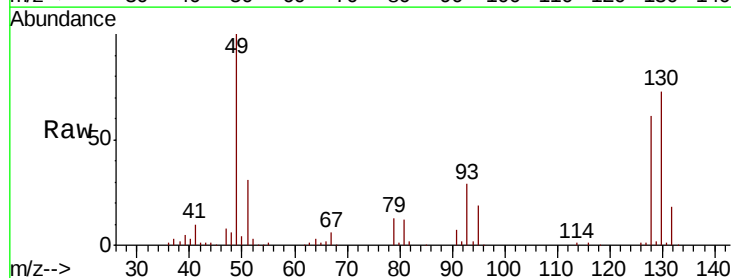
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



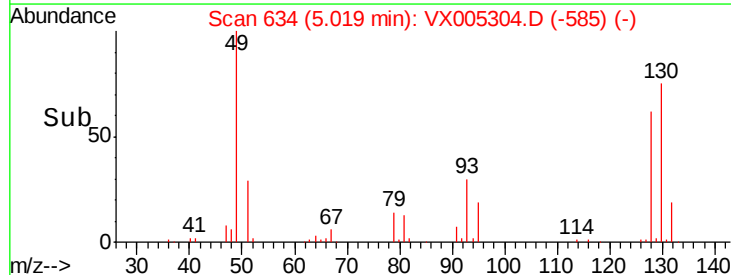
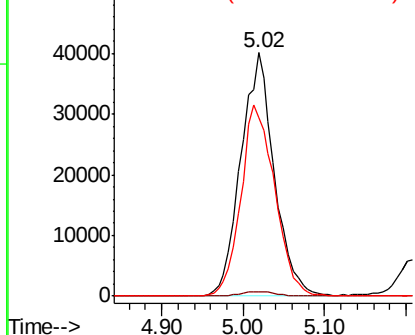
#28

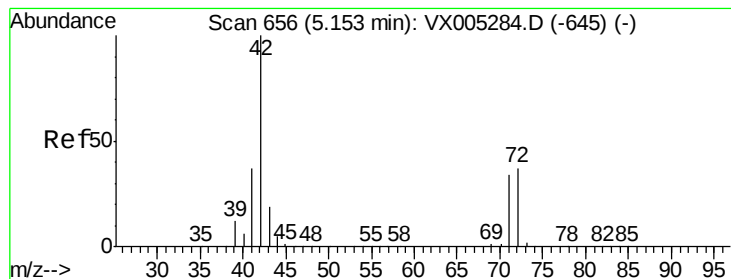
Bromochloromethane
 Concen: 52.568 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	79.7	67.5	101.3



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





#29

Tetrahydrofuran

Concen: 268.736 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

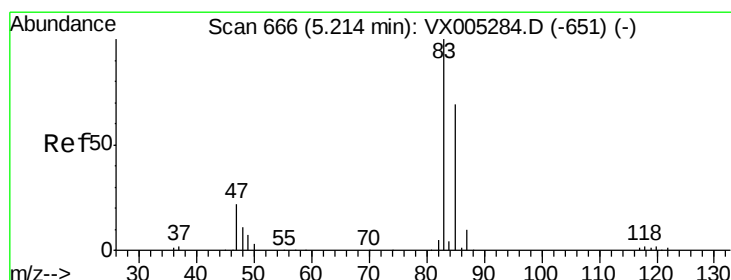
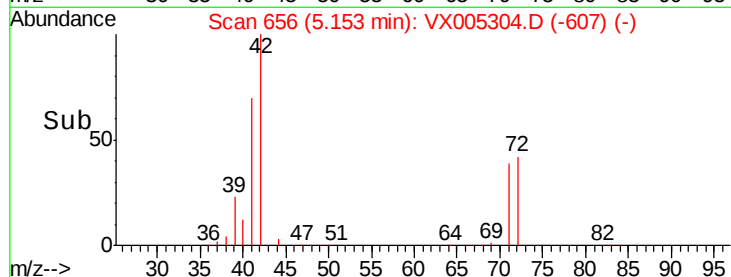
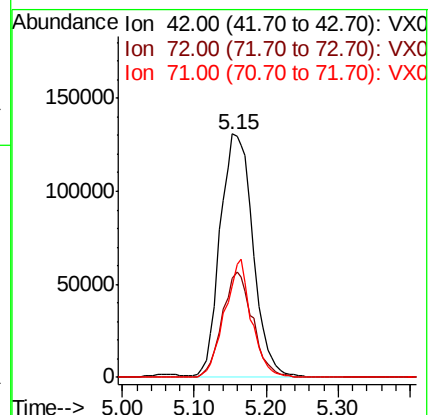
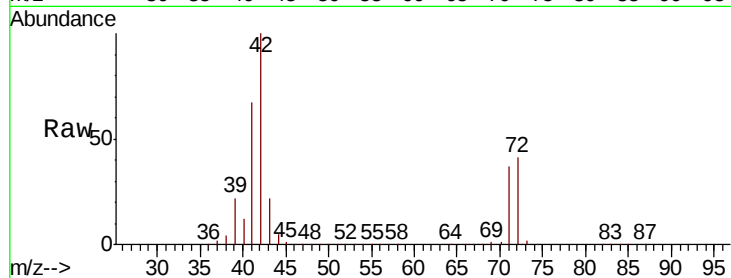
Tot Ion: 42 Resp: 412936

Ion Ratio Lower Upper

42 100

72 40.4 37.4 56.0

71 39.9 34.5 51.7



#30

Chloroform

Concen: 53.147 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005304.D

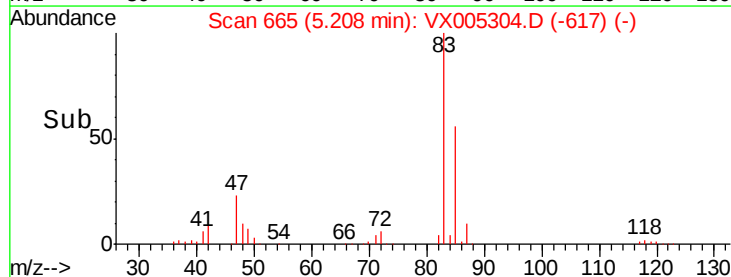
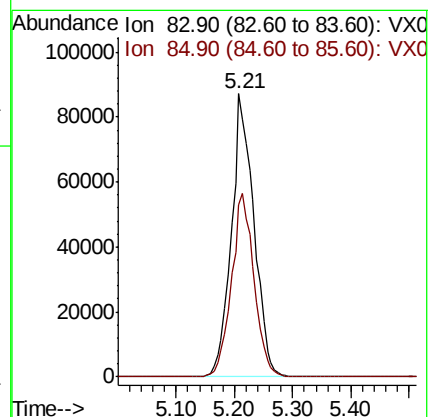
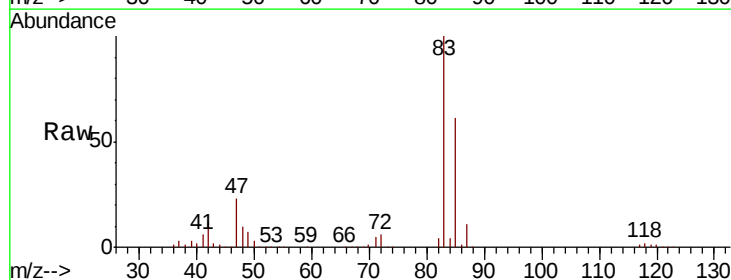
Acq: 12 Oct 2018 20:05

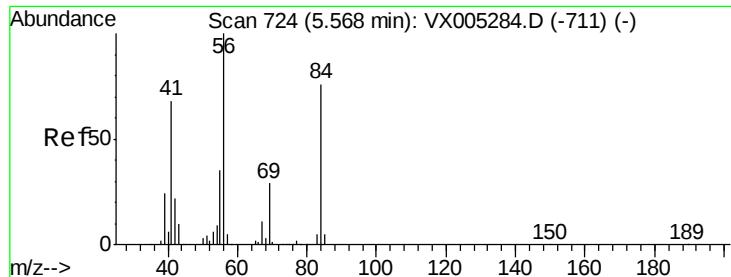
Tgt Ion: 83 Resp: 234279

Ion Ratio Lower Upper

83 100

85 60.8 52.6 79.0

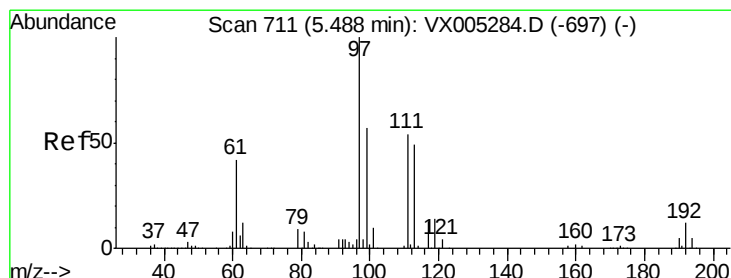
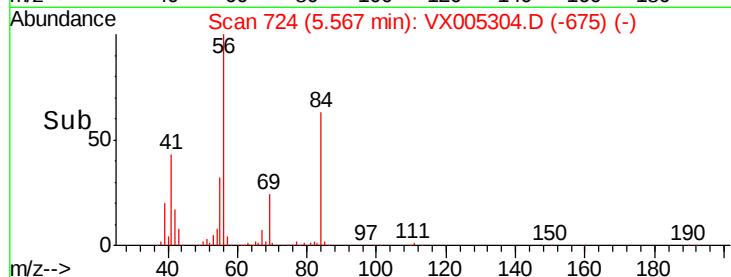
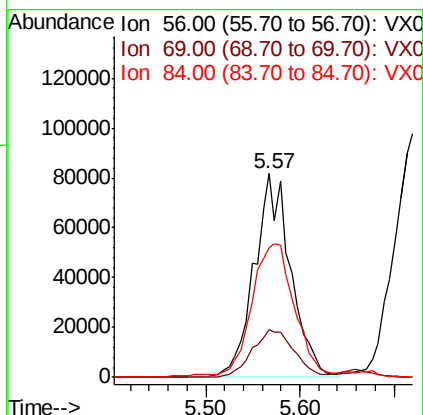
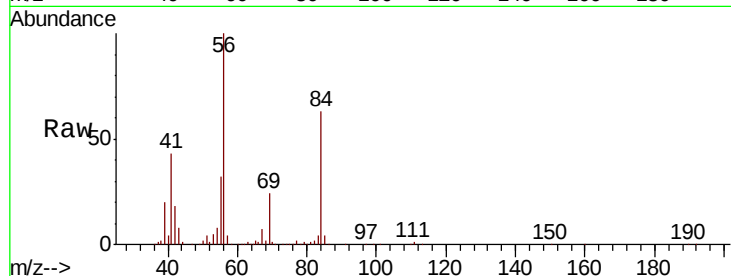




#31
Cyclohexane
Concen: 56.687 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

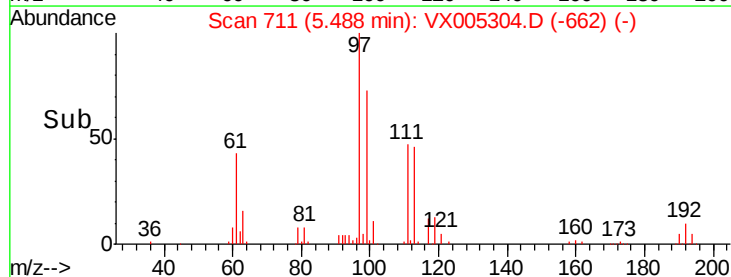
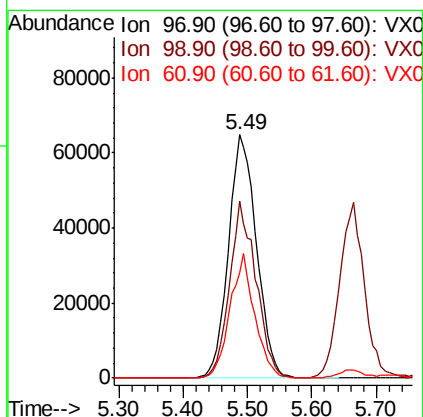
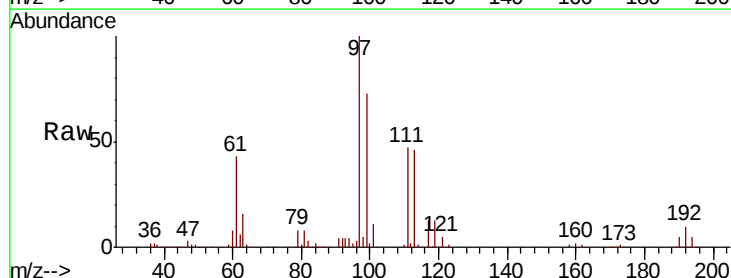
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

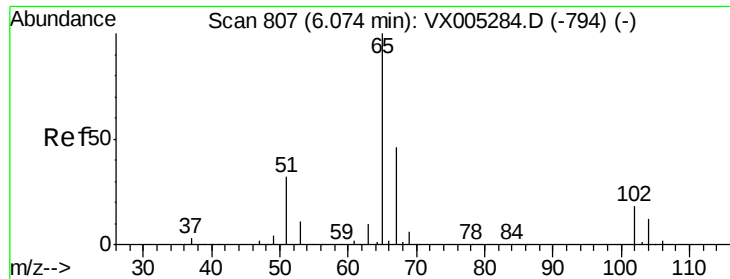
Tot Ion: 56 Resp: 221892
Ion Ratio Lower Upper
56 100
69 23.6 25.4 38.2#
84 62.4 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 51.430 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 97 Resp: 197266
Ion Ratio Lower Upper
97 100
99 68.5 52.0 78.0
61 45.2 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

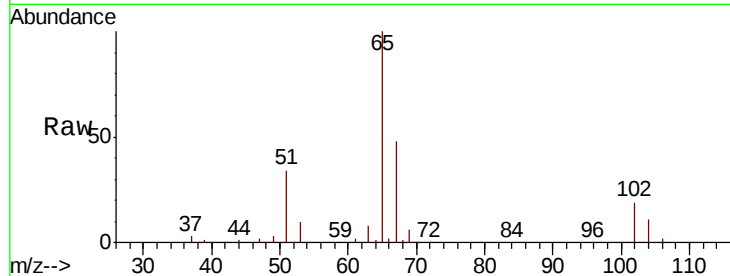
VSTDCCC050EC

Tot Ion: 65 Resp: 143988

Ion Ratio Lower Upper

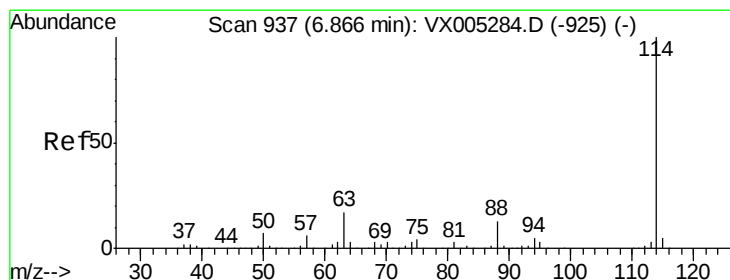
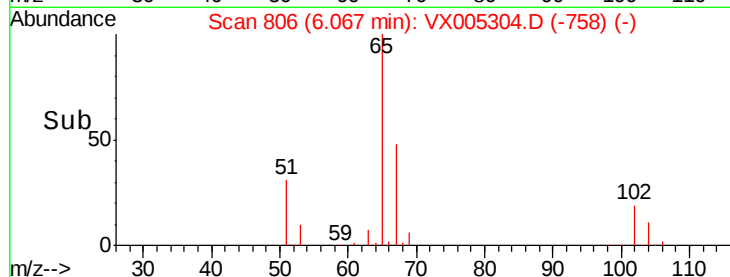
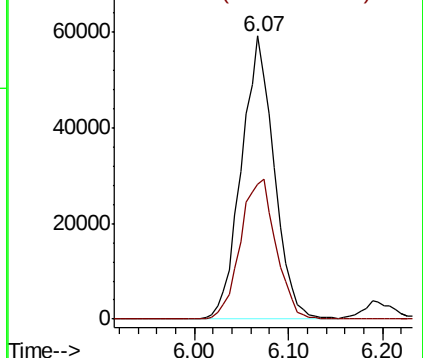
65 100

67 53.8 0.0 106.8



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. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

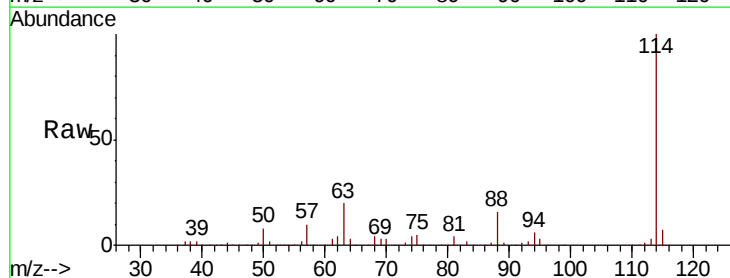
Tgt Ion: 114 Resp: 354063

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

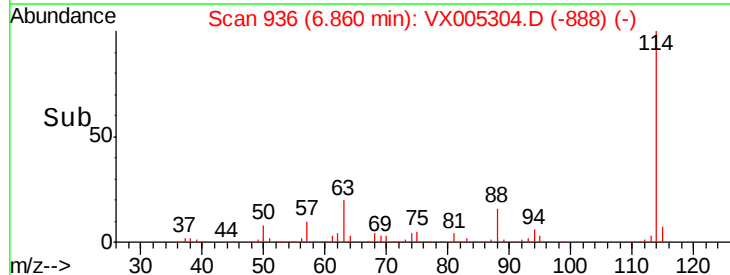
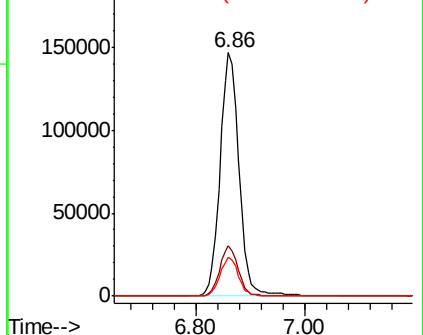
88 16.0 0.0 30.4

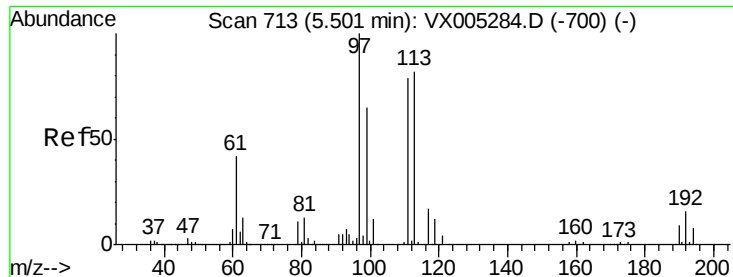


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

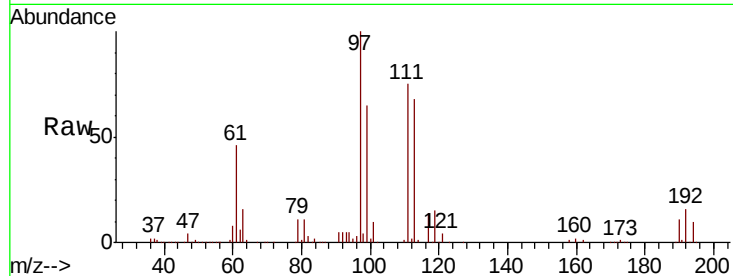




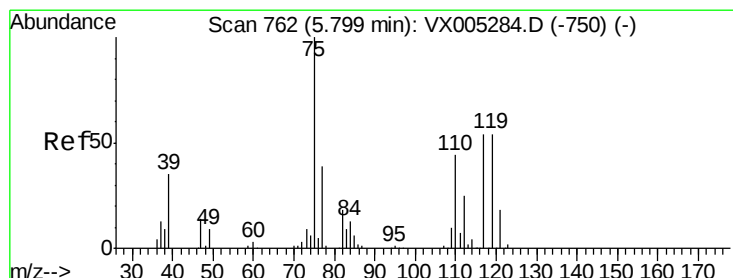
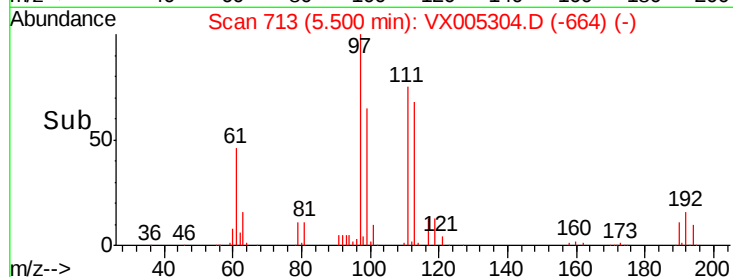
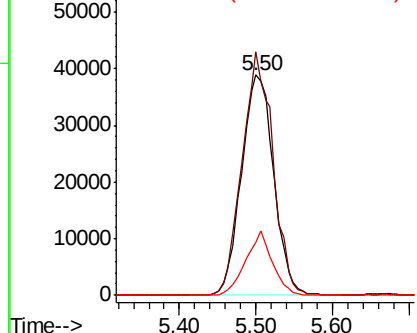
#35
 Dibromofluoromethane
 Concen: 48.577 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 113915
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 24.0 19.4 29.2

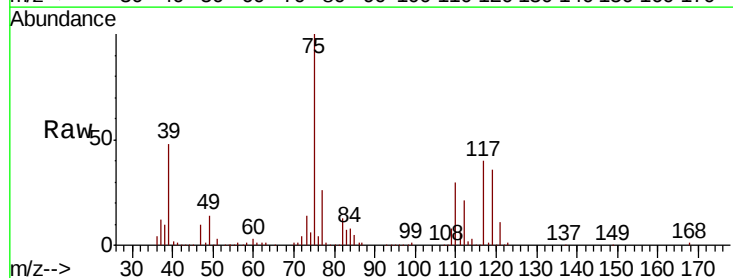


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

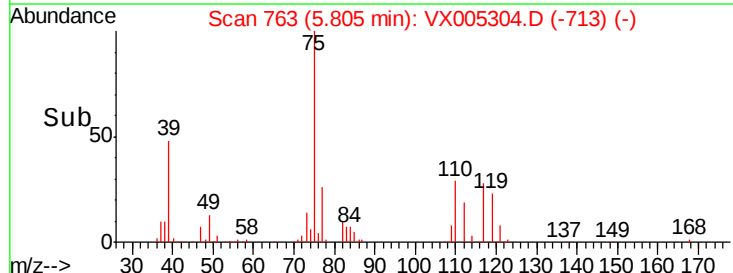
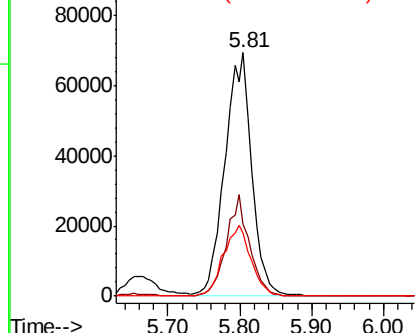


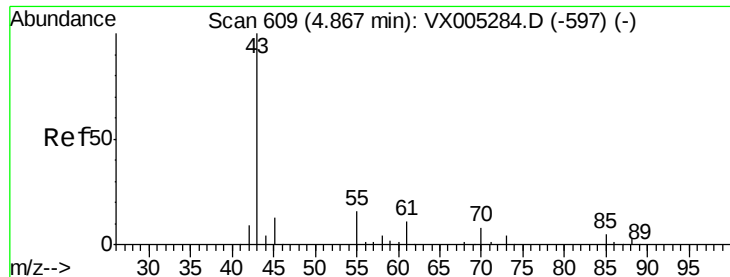
#36
 1,1-Dichloropropene
 Concen: 52.132 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion: 75 Resp: 178766
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.0 54.0
 77 29.5 24.6 36.8



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

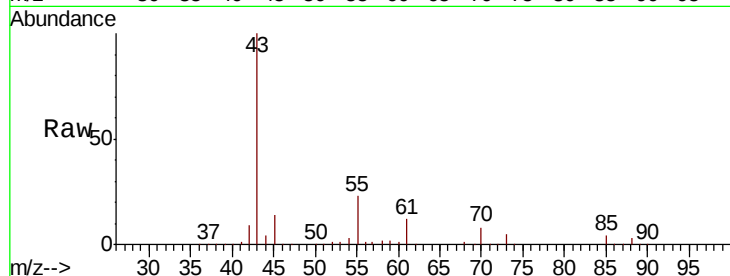




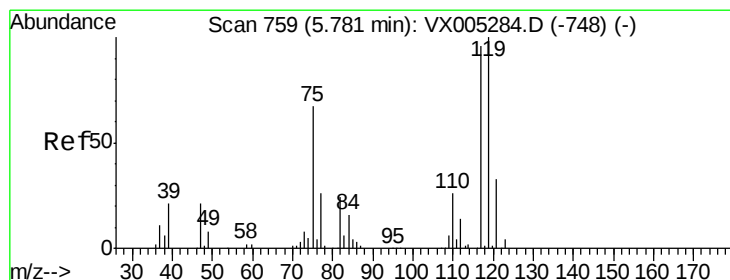
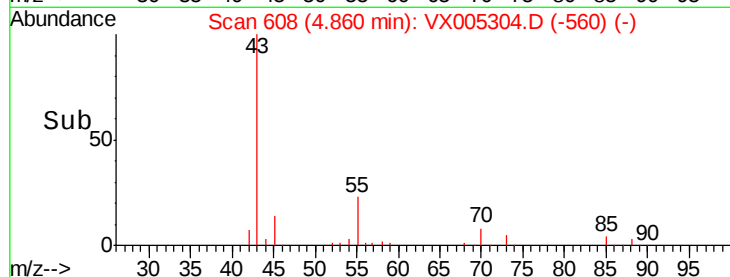
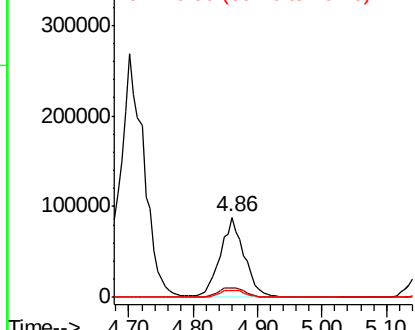
#37
Ethyl Acetate
Concen: 52.750 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 232624
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 9.8 9.0 13.6

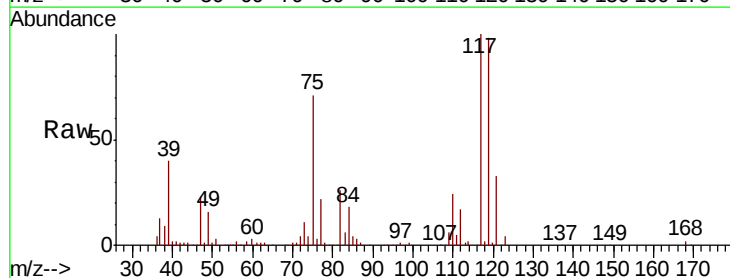


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

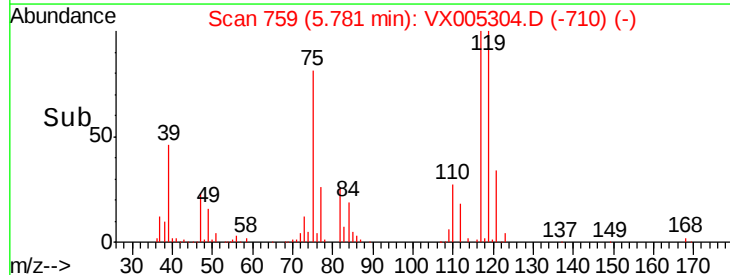
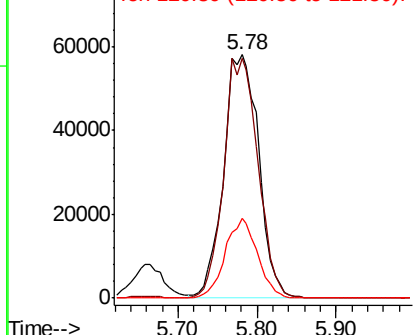


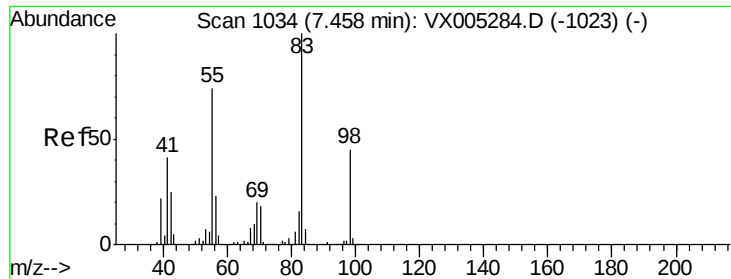
#38
Carbon Tetrachloride
Concen: 52.186 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 117 Resp: 179807
Ion Ratio Lower Upper
117 100
119 98.2 78.8 118.2
121 32.7 24.9 37.3



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

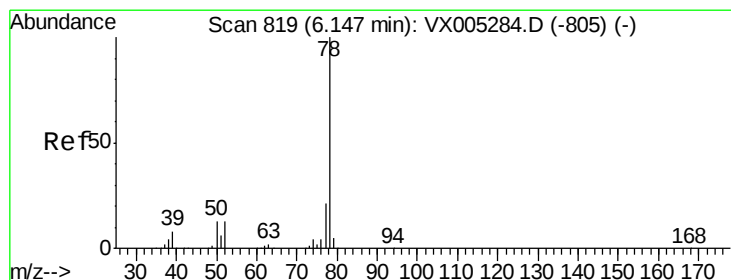
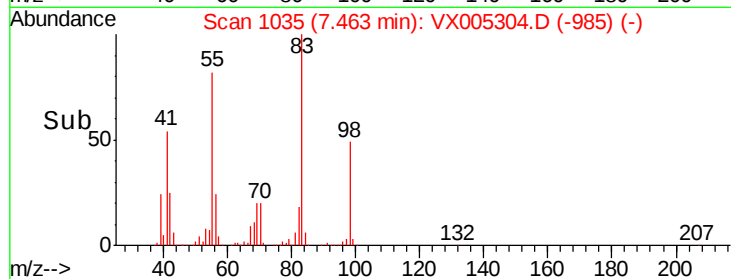
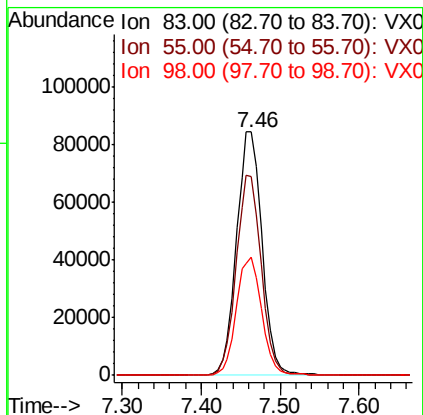
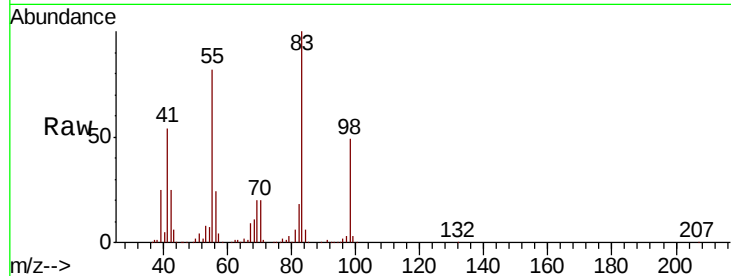




#39
Methvlcvclohexane
Concen: 51.212 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

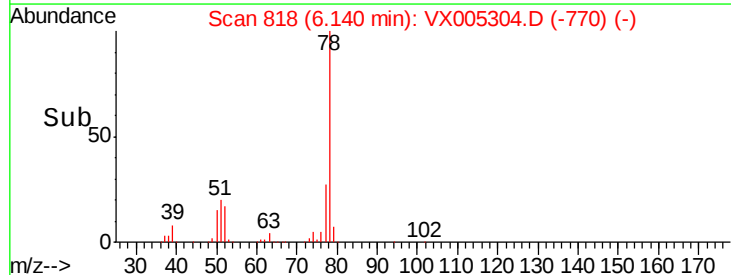
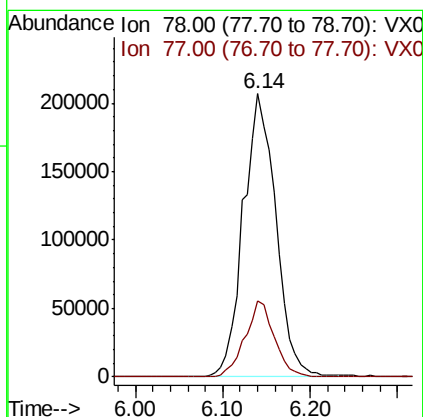
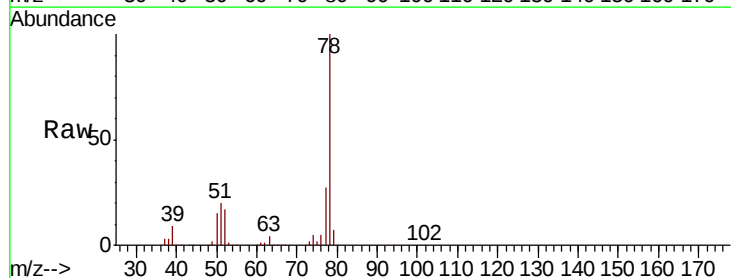
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 190061
Ion Ratio Lower Upper
83 100
55 81.5 61.0 91.4
98 48.6 39.6 59.4



#40
Benzene
Concen: 51.980 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 78 Resp: 534693
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.4

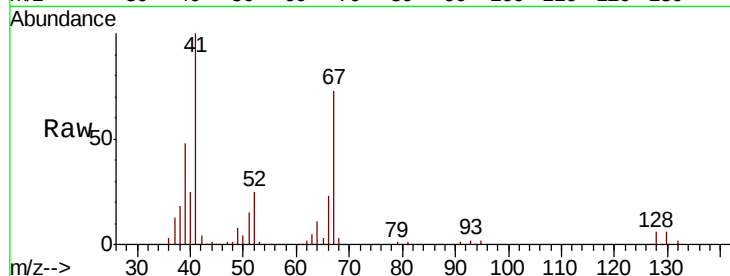




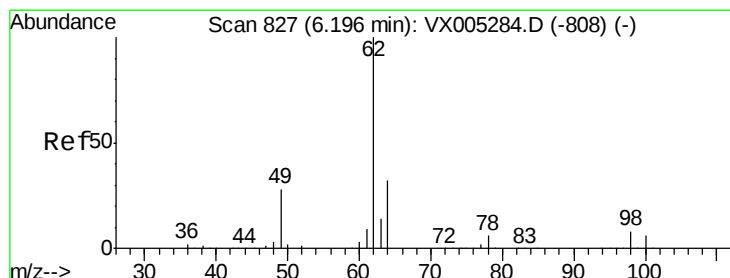
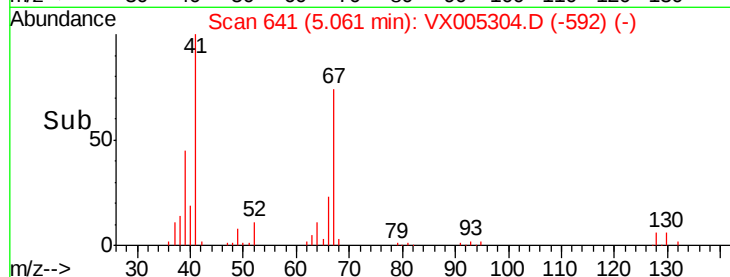
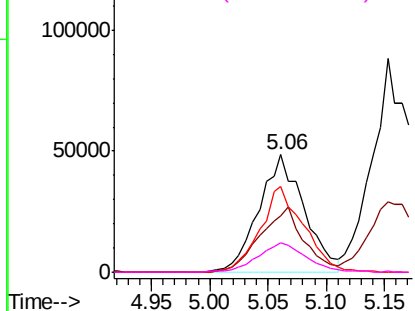
#41
Methacrylonitrile
Concen: 55.234 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 130582
Ion Ratio Lower Upper
41 100
39 53.7 42.4 63.6
67 70.6 59.2 88.8
52 26.6 23.0 34.4

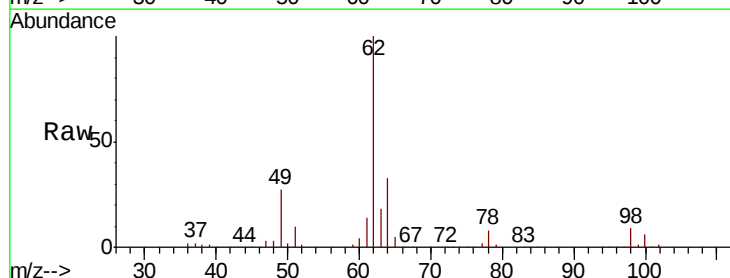


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

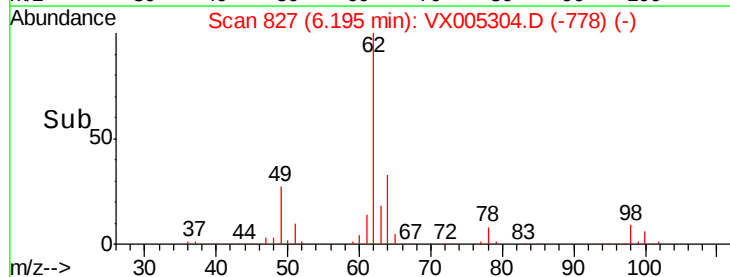
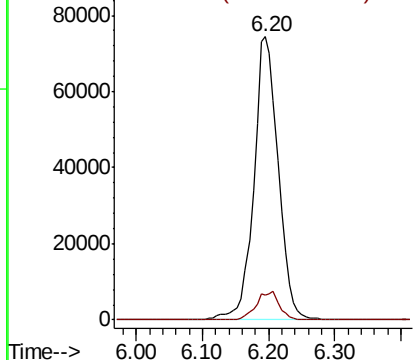


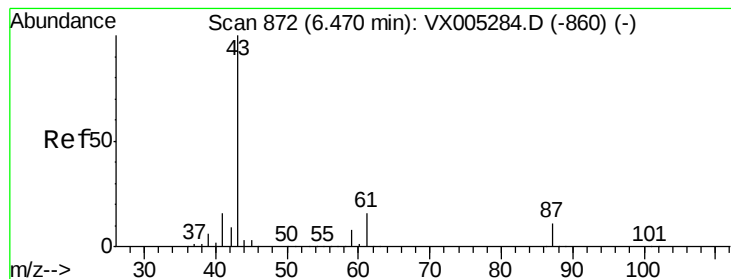
#42
1,2-Dichloroethane
Concen: 52.539 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 62 Resp: 190832
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 57.401 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

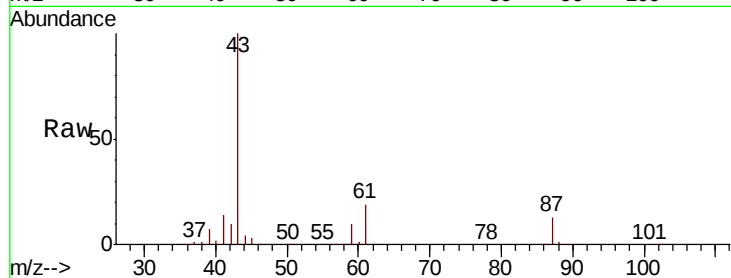
Tot Ion: 43 Resp: 337192

Ion Ratio Lower Upper

43 100

61 19.5 17.0 25.4

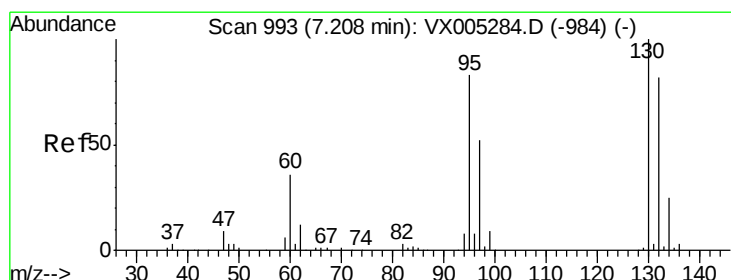
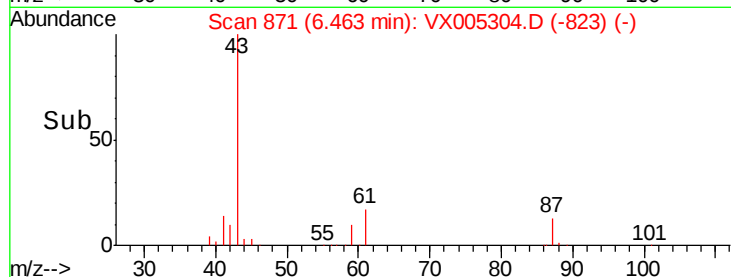
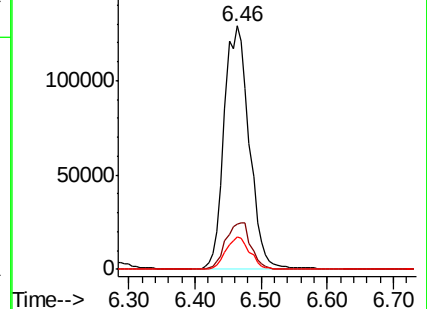
87 12.8 11.4 17.2



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: 53.484 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005304.D

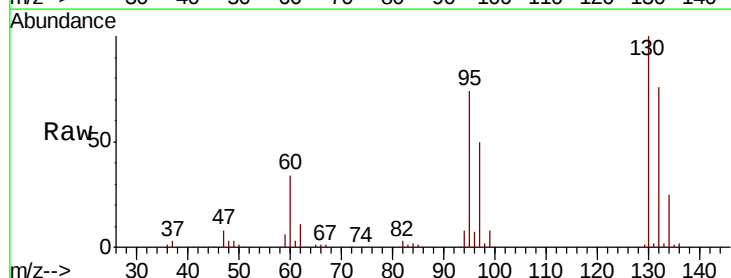
Acq: 12 Oct 2018 20:05

Tgt Ion: 130 Resp: 140362

Ion Ratio Lower Upper

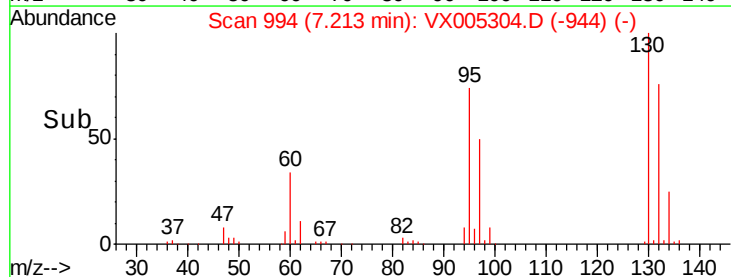
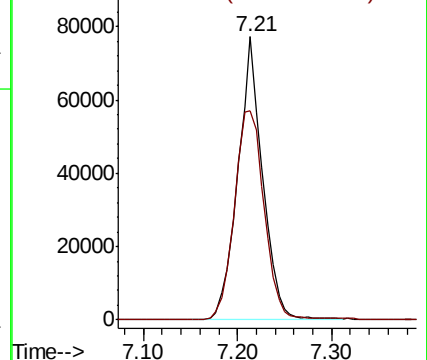
130 100

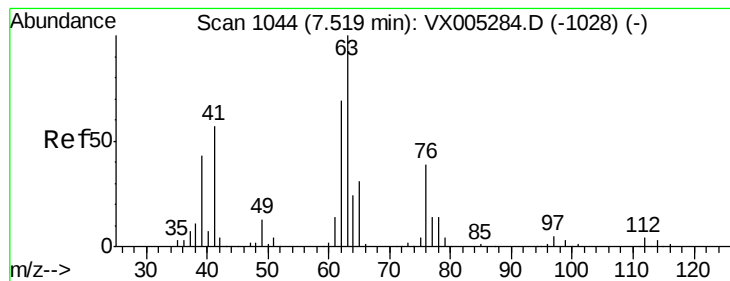
95 73.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.925 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

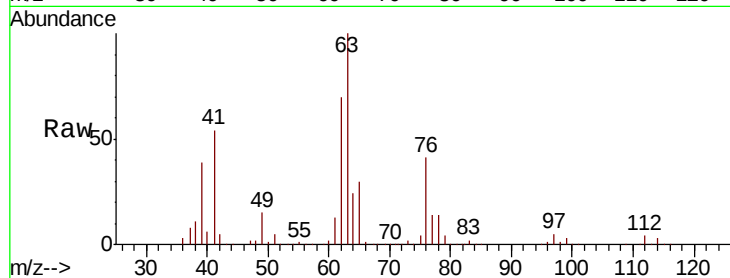
VSTDCCC050EC

Tot Ion: 63 Resp: 131022

Ion Ratio Lower Upper

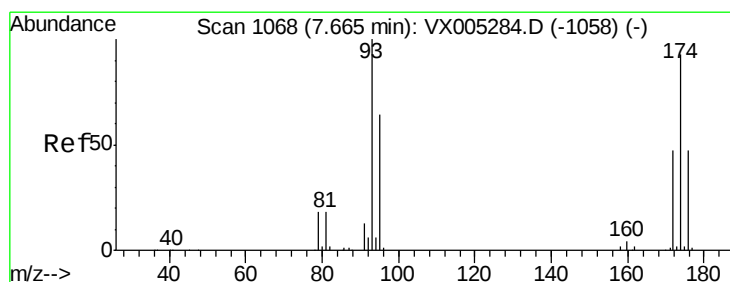
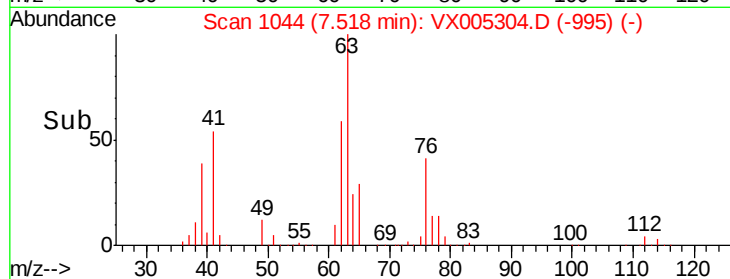
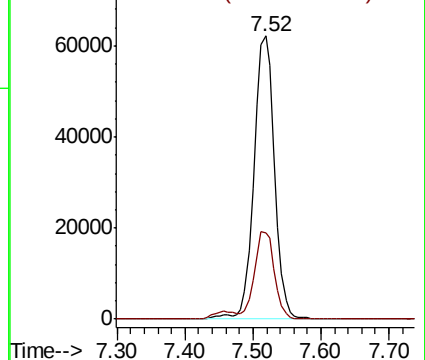
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.126 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

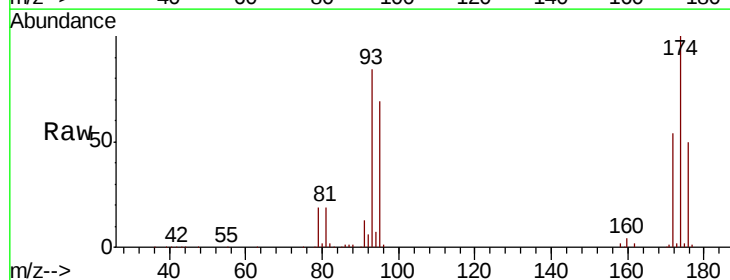
Tgt Ion: 93 Resp: 83479

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

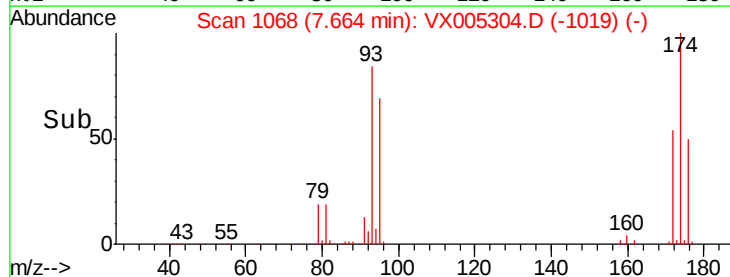
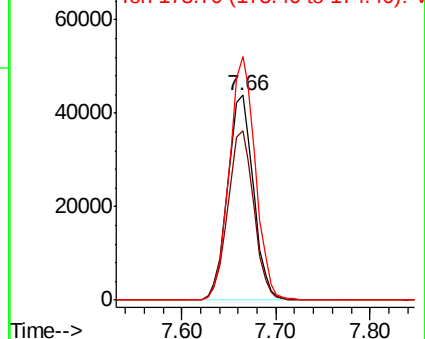
174 119.7 94.2 141.4

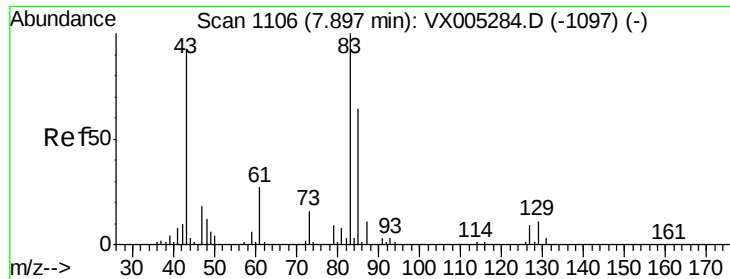


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.908 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

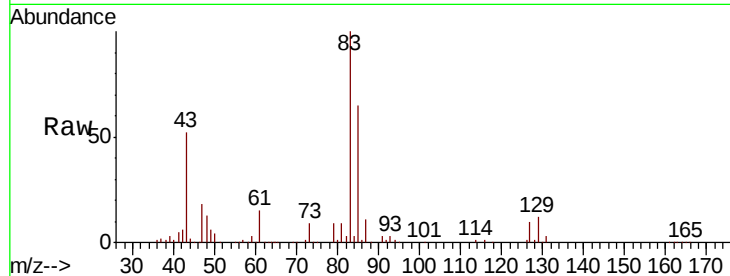
Tot Ion: 83 Resp: 166063

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

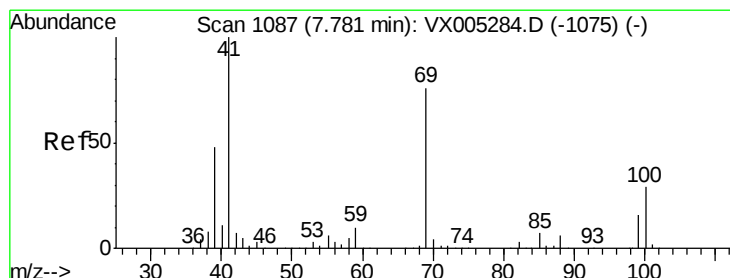
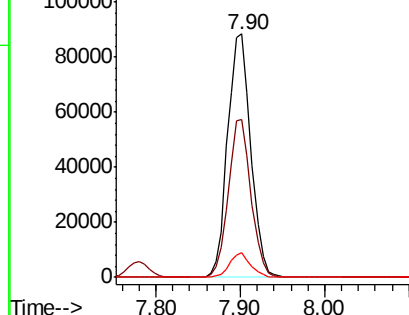
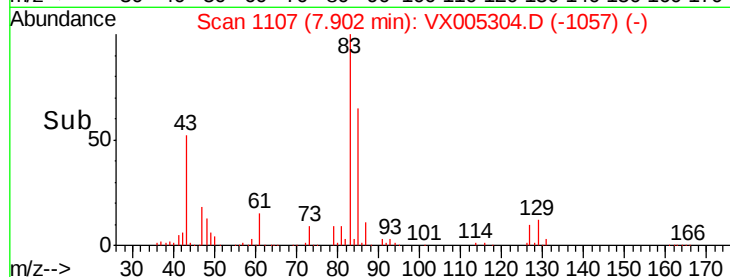
127 10.2 7.3 10.9



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: 53.123 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

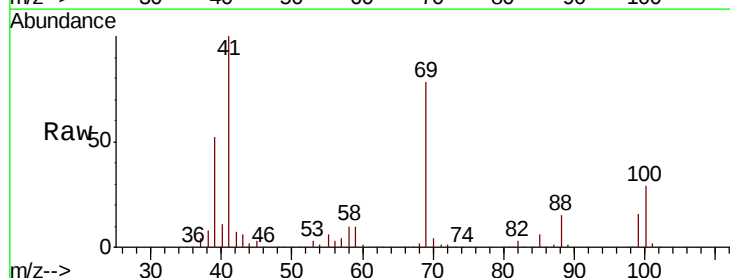
Tgt Ion: 41 Resp: 161852

Ion Ratio Lower Upper

41 100

69 81.3 70.2 105.4

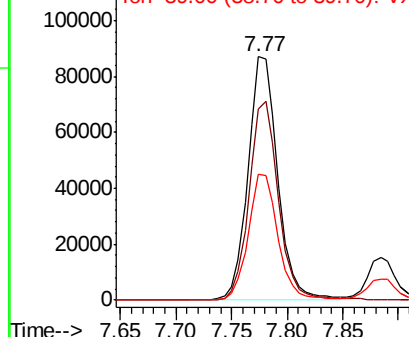
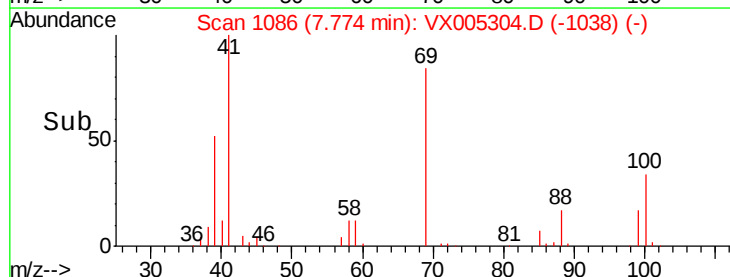
39 51.7 42.7 64.1

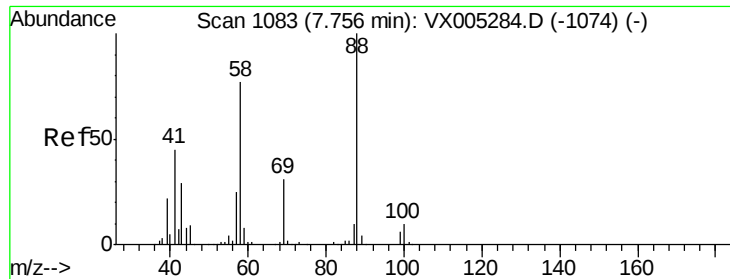


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

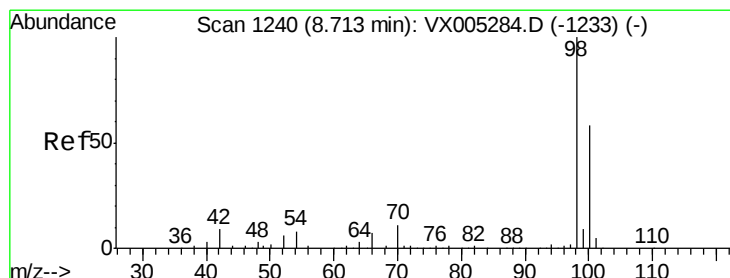
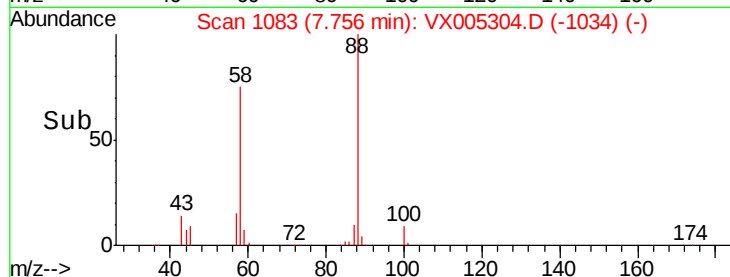
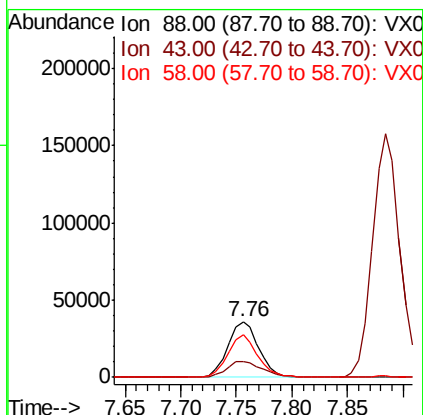
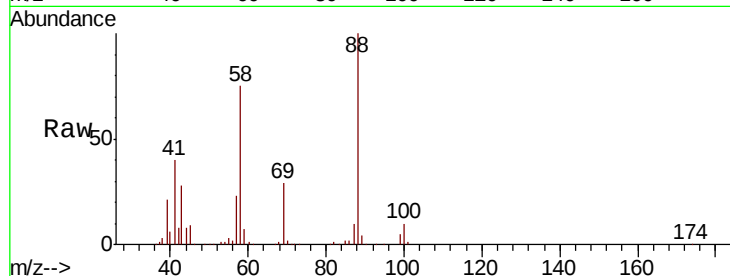




#49
1,4-Dioxane
Concen: 989.233 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

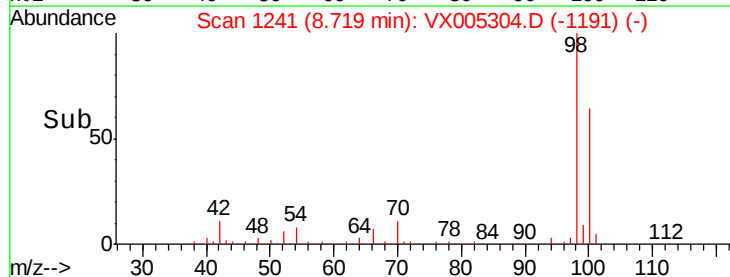
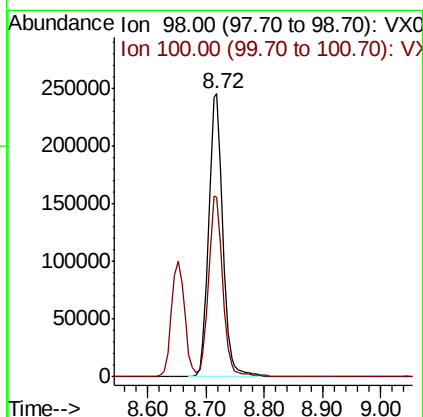
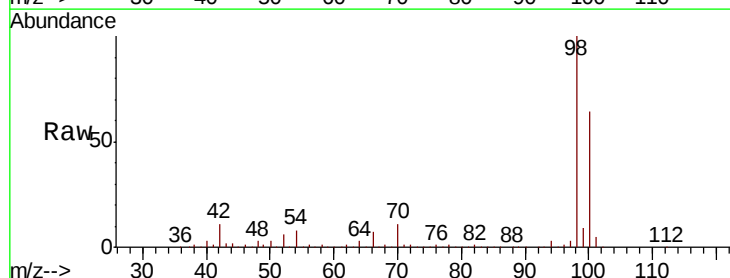
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

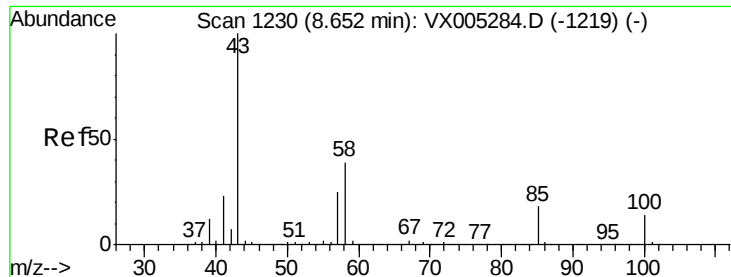
Tot Ion: 88 Resp: 69516
Ion Ratio Lower Upper
88 100
43 32.7 24.7 37.1
58 74.1 55.3 82.9



#50
Toluene-d8
Concen: 51.767 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 98 Resp: 416765
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 271.352 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

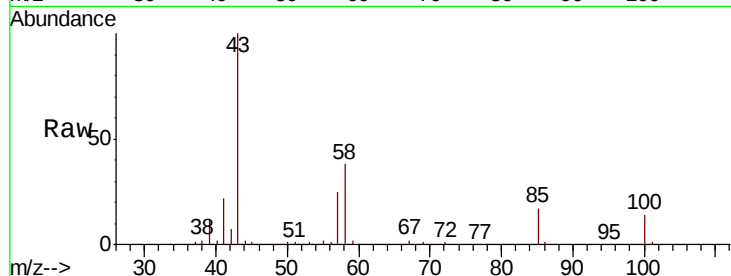
VSTDCCC050EC

Tot Ion: 43 Resp: 1103727

Ion Ratio Lower Upper

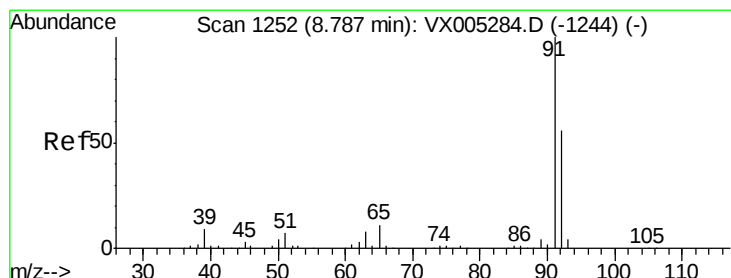
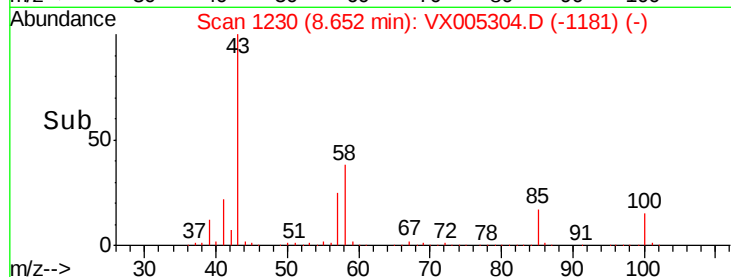
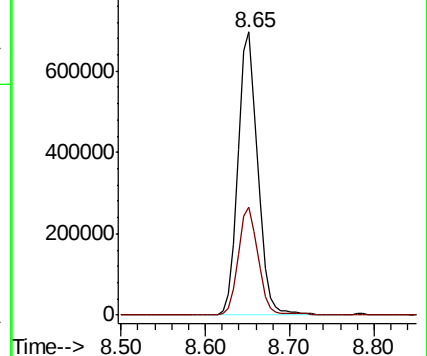
43 100

58 38.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.392 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005304.D

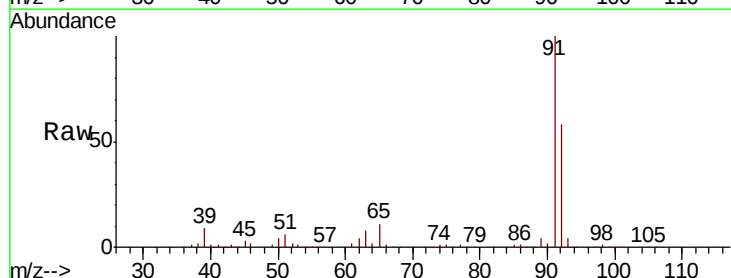
Acq: 12 Oct 2018 20:05

Tgt Ion: 92 Resp: 306102

Ion Ratio Lower Upper

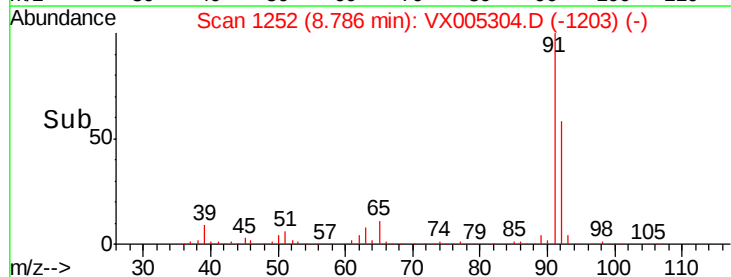
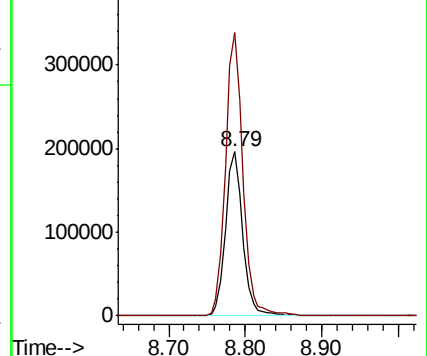
92 100

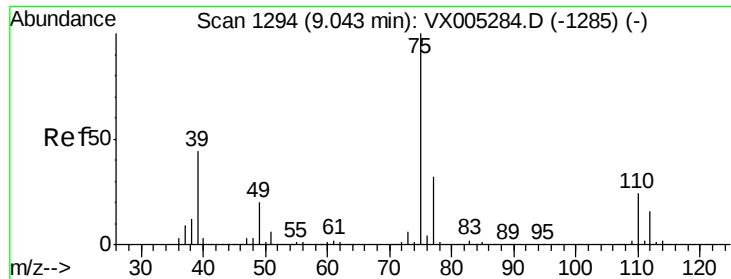
91 174.8 136.4 204.6



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: 54.261 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

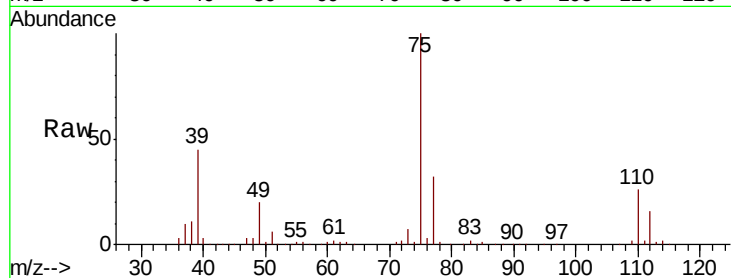
VSTDCCC050EC

Tot Ion: 75 Resp: 180892

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

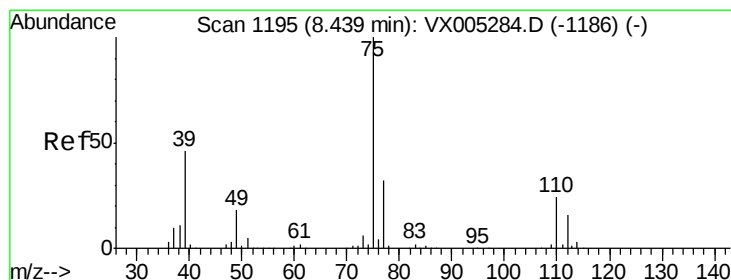
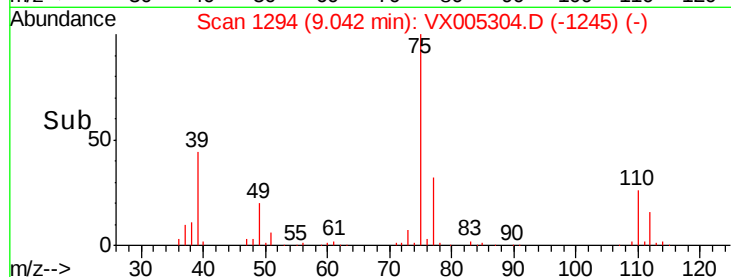
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.226 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

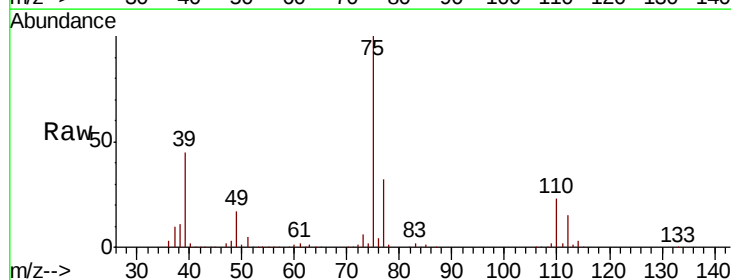
Tgt Ion: 75 Resp: 195875

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

39 44.5 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

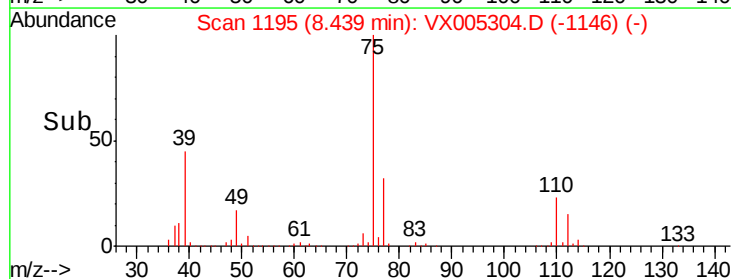
150000

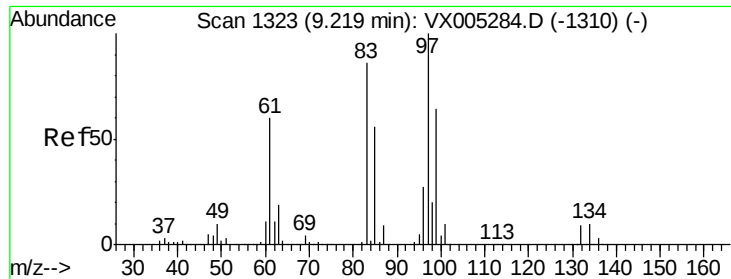
100000

50000

0

Time-->

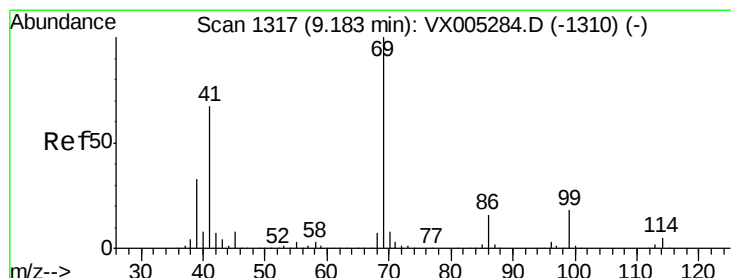
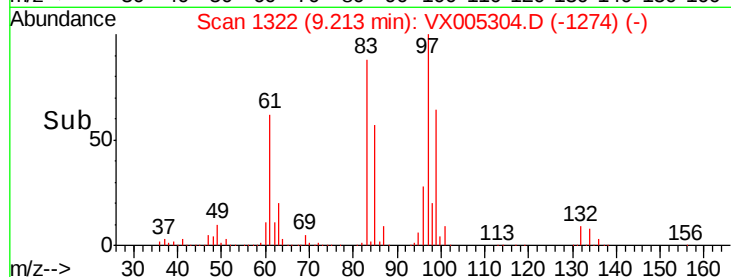
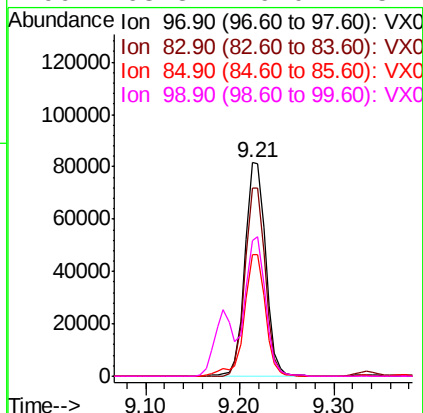
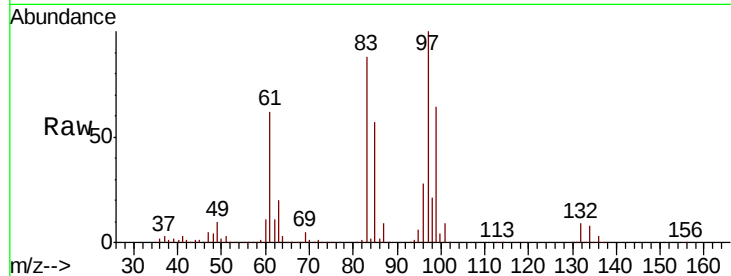




#55
 1,1,2-Trichloroethane
 Concen: 52.737 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

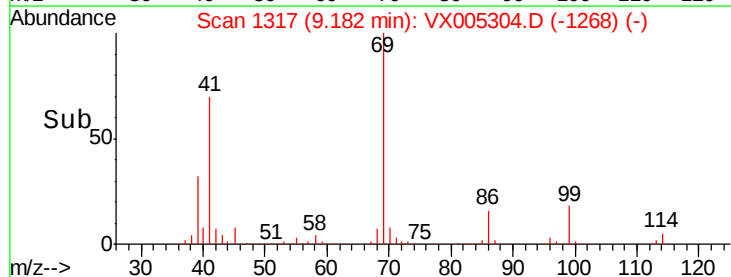
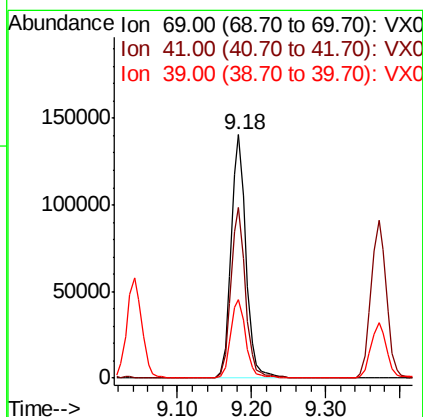
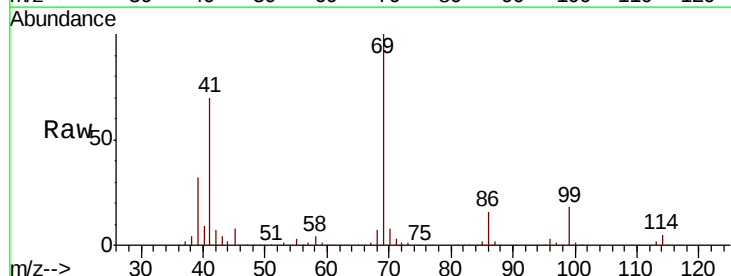
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	125706
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.4	99.6
85	56.9	43.3	64.9
99	63.8	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 56.666 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion:	69	Resp:	196908
Ion	Ratio	Lower	Upper
69	100		
41	69.0	51.0	76.4
39	33.5	26.1	39.1





#57

1,3-Dichloropropane

Concen: 53.158 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

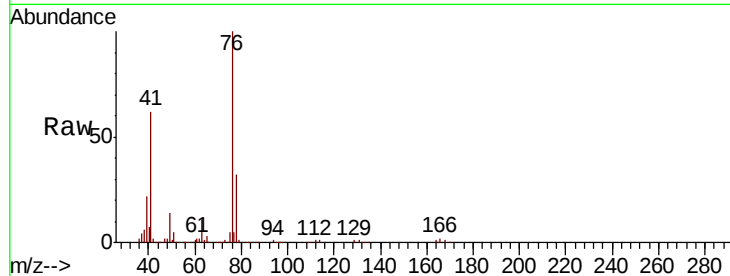
VSTDCCC050EC

Tot Ion: 76 Resp: 211488

Ion Ratio Lower Upper

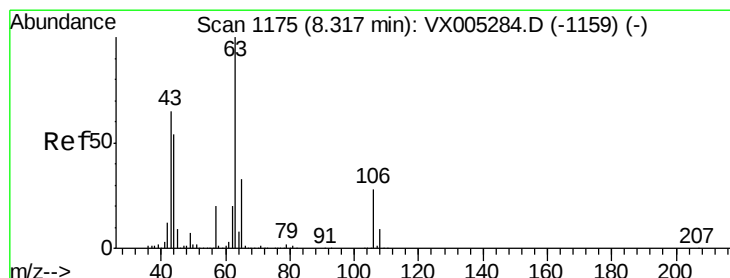
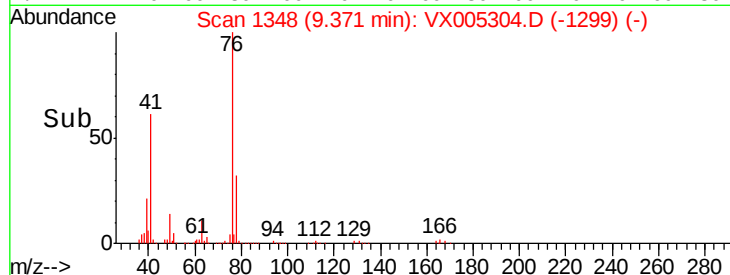
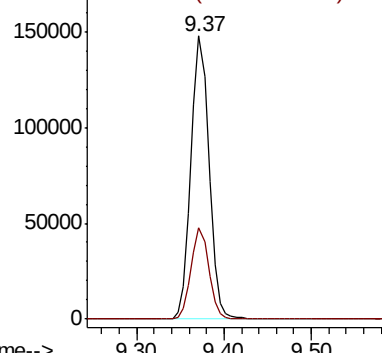
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 299.404 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005304.D

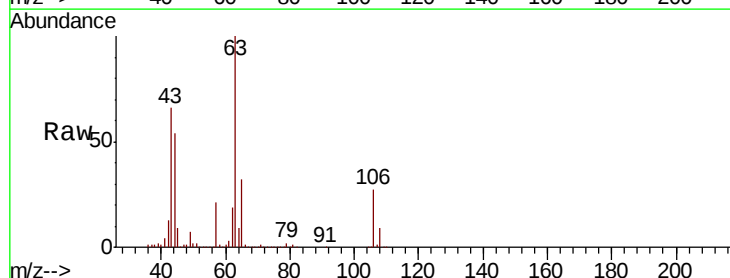
Acq: 12 Oct 2018 20:05

Tgt Ion: 63 Resp: 583470

Ion Ratio Lower Upper

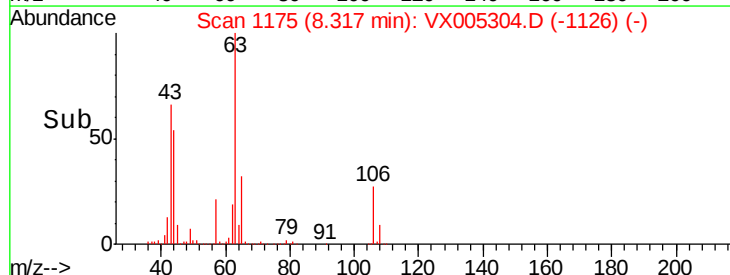
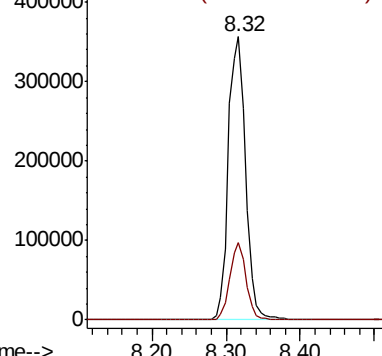
63 100

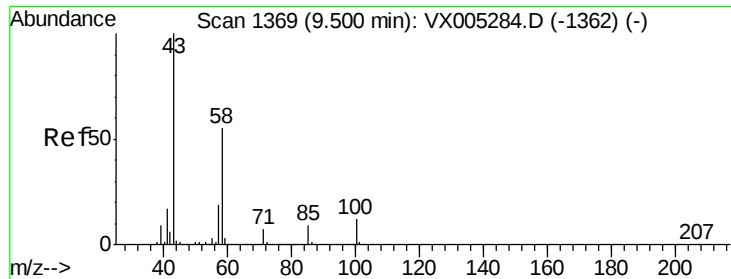
106 25.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

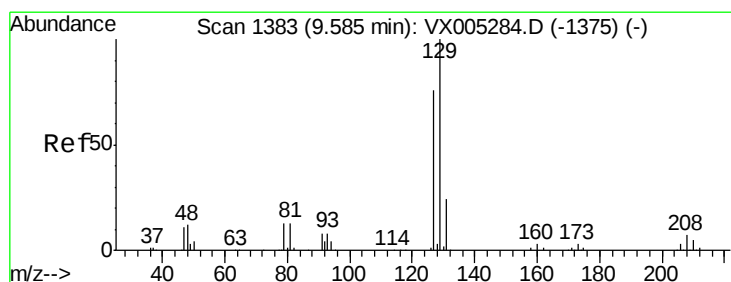
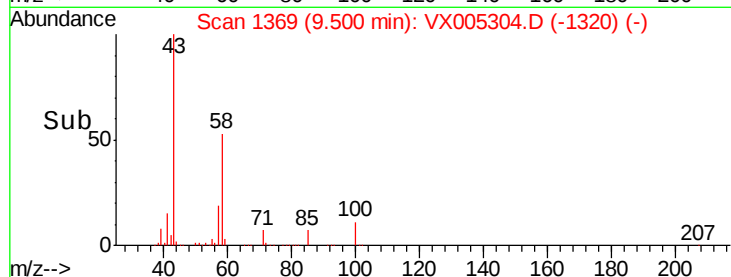
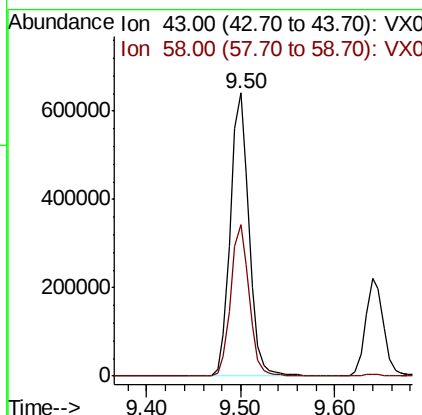
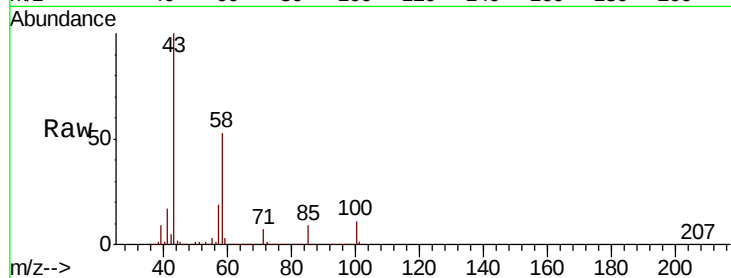




#59
2-Hexanone
Concen: 269.439 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

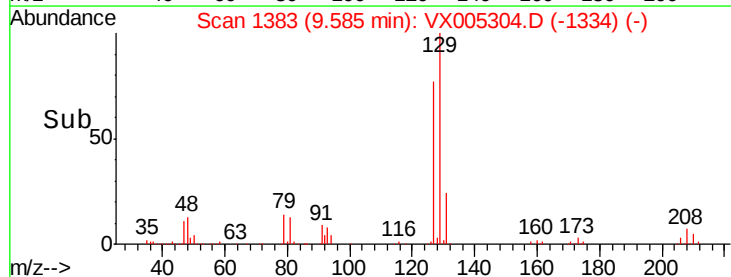
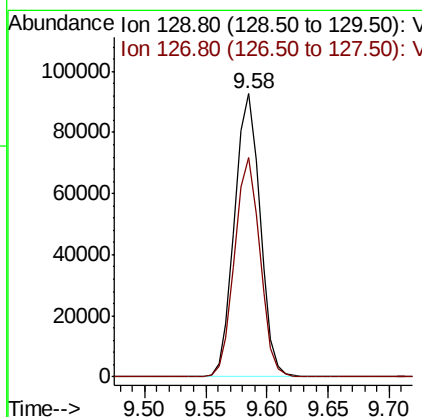
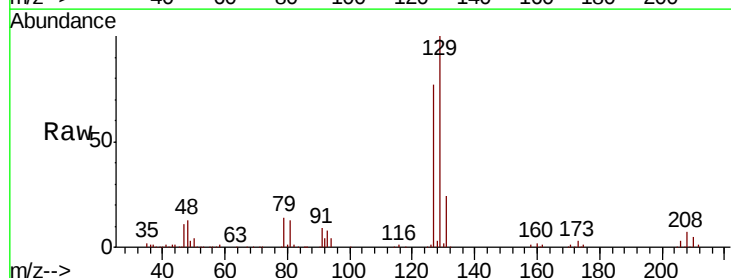
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

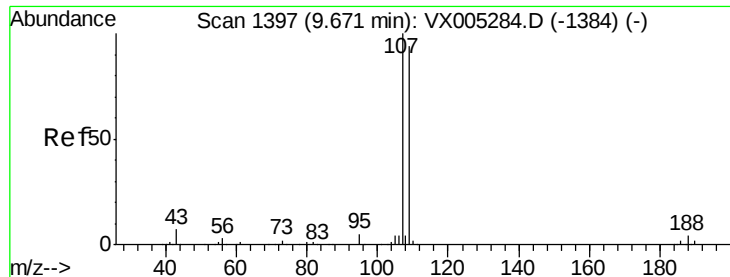
Tot Ion: 43 Resp: 881583
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0



#60
Dibromochloromethane
Concen: 54.406 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion:129 Resp: 134049
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

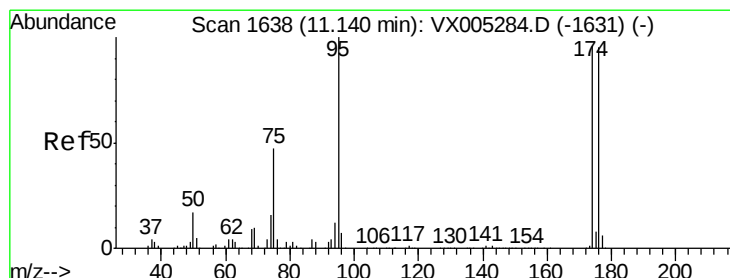
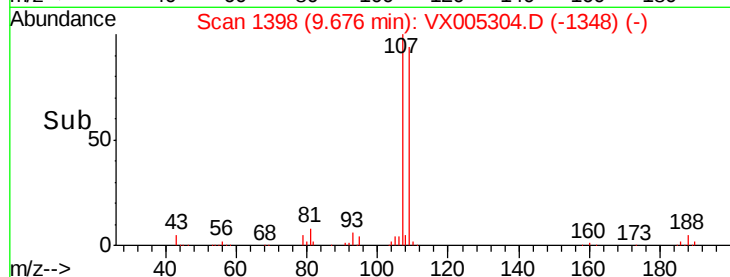
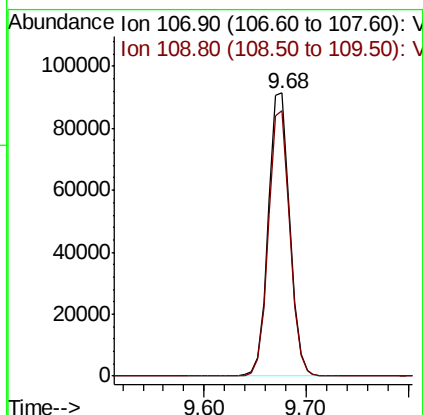
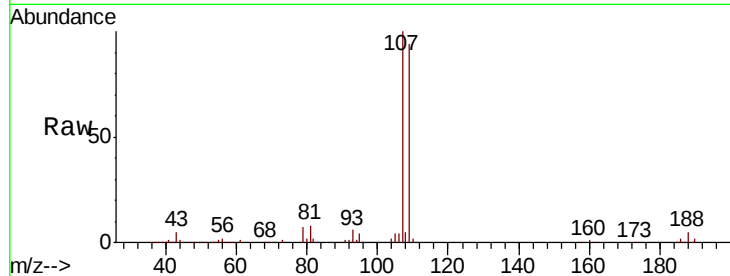




#61
 1,2-Dibromoethane
 Concen: 53.174 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

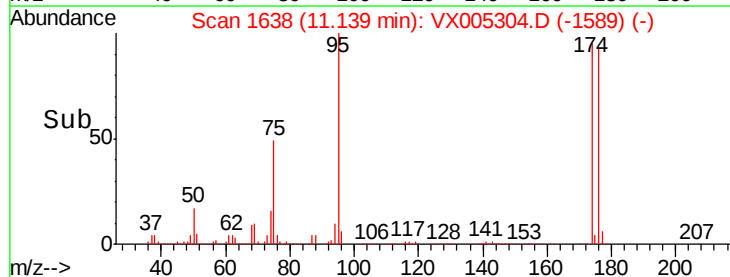
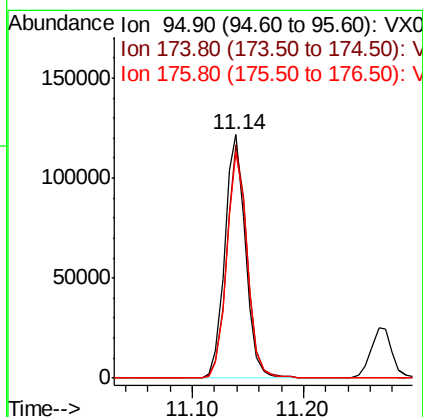
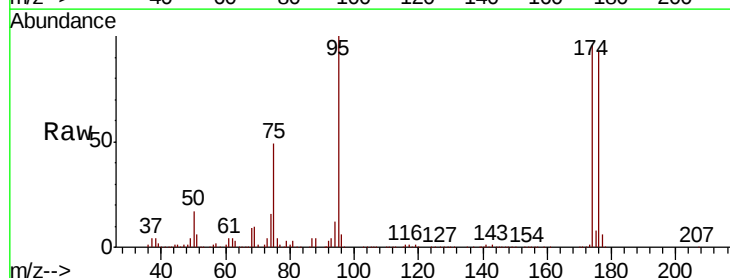
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 133018
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.473 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion: 95 Resp: 155672
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 185.2
 176 92.0 0.0 178.6

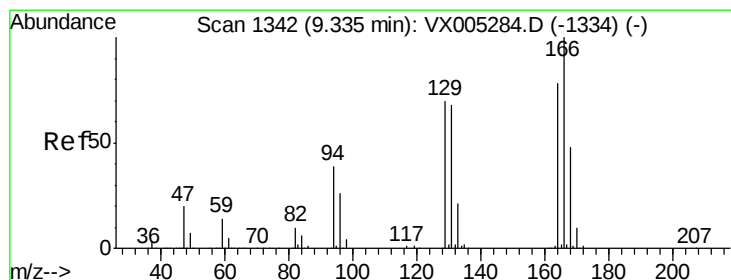
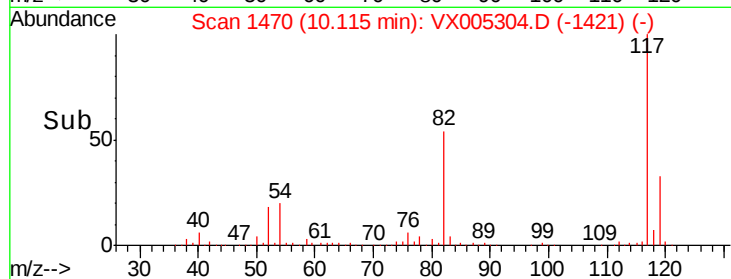
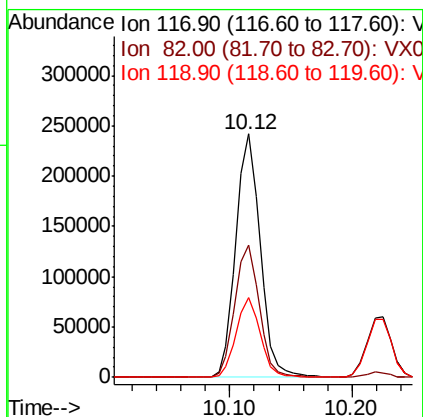
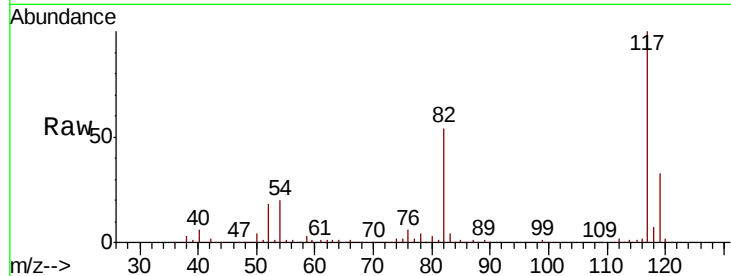




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

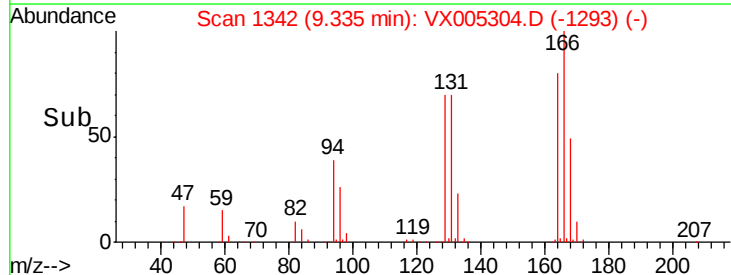
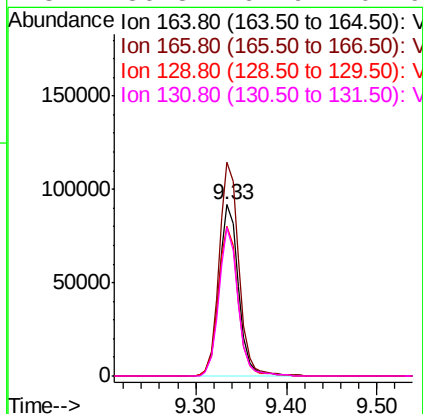
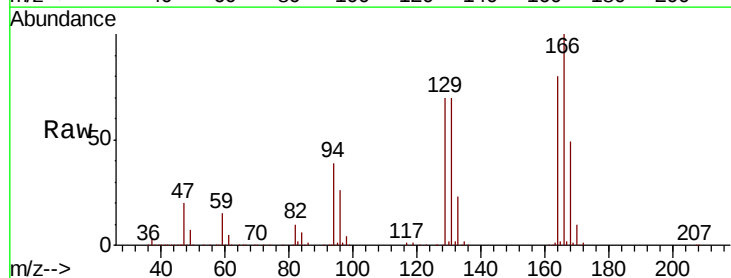
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 335344
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 32.6 29.3 43.9



#64
Tetrachloroethene
Concen: 50.844 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion:164 Resp: 137264
Ion Ratio Lower Upper
164 100
166 124.9 102.8 154.2
129 87.8 69.4 104.0
131 86.8 67.9 101.9

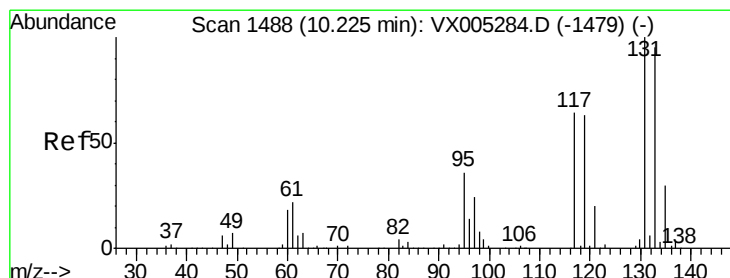
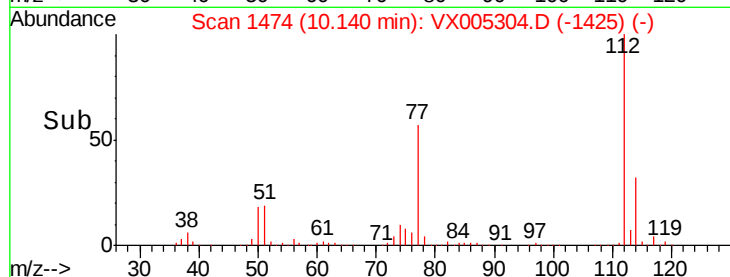
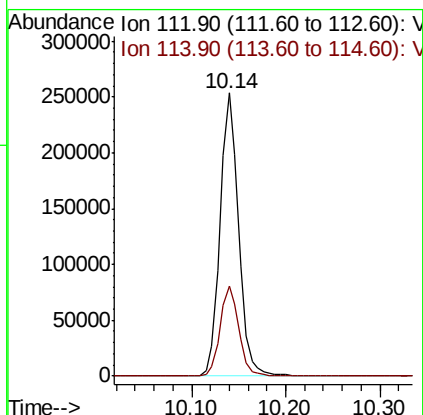
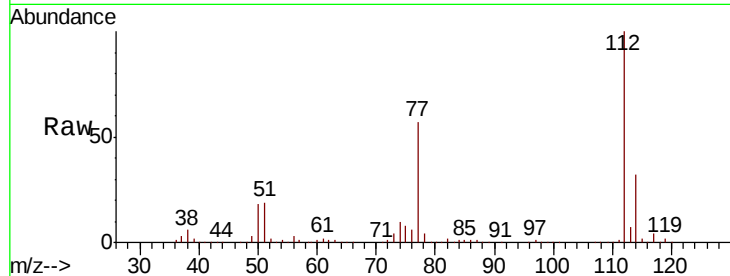




#65
Chlorobenzene
Concen: 48.454 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

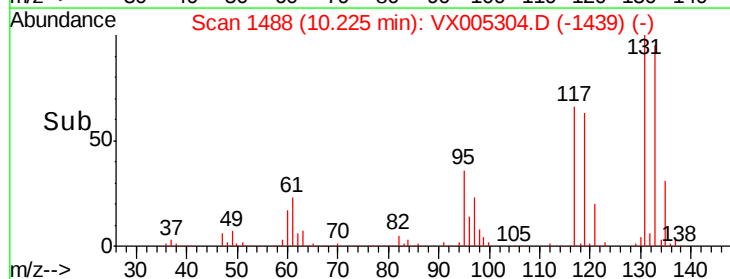
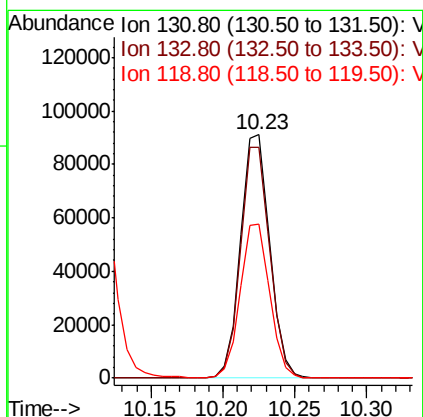
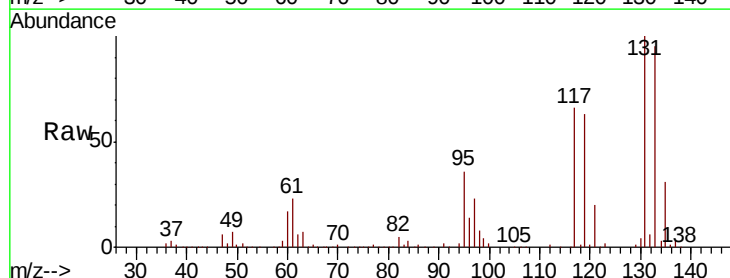
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

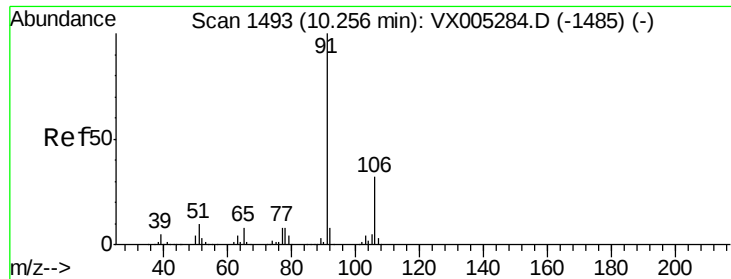
Tot Ion:112 Resp: 345632
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.392 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion:131 Resp: 128096
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 64.0 32.9 98.6

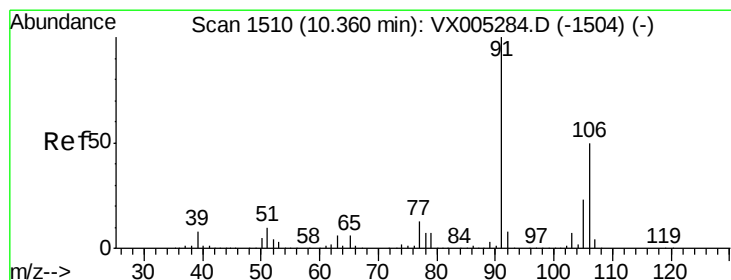
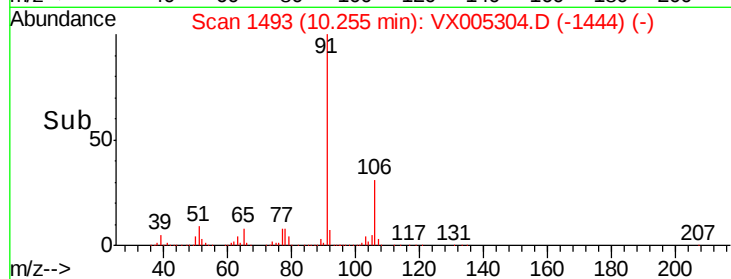
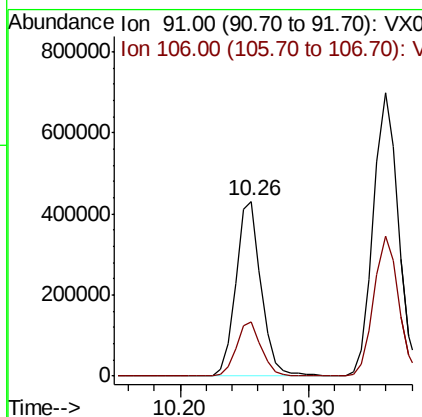
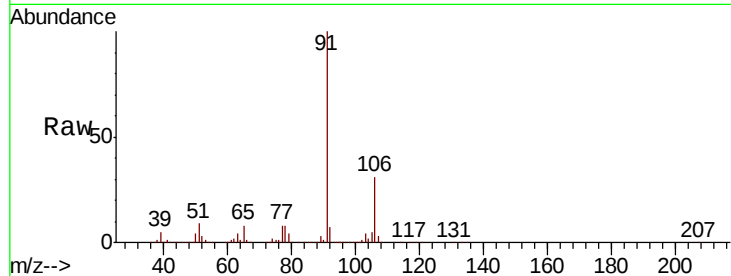




#67
Ethyl Benzene
Concen: 50.945 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

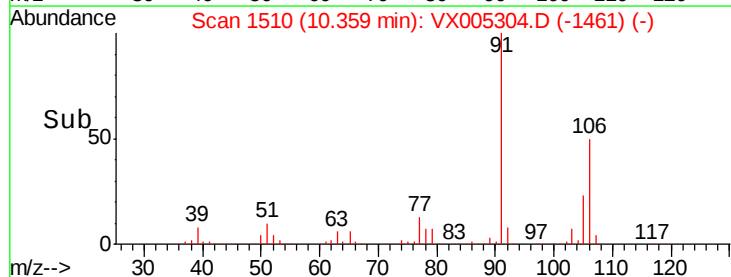
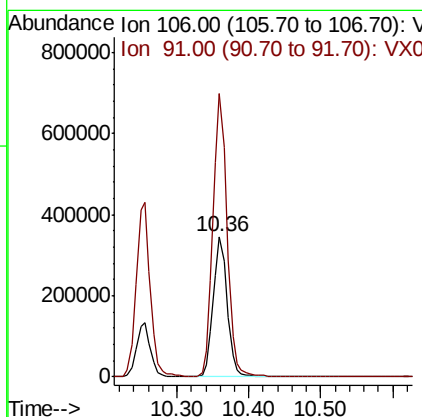
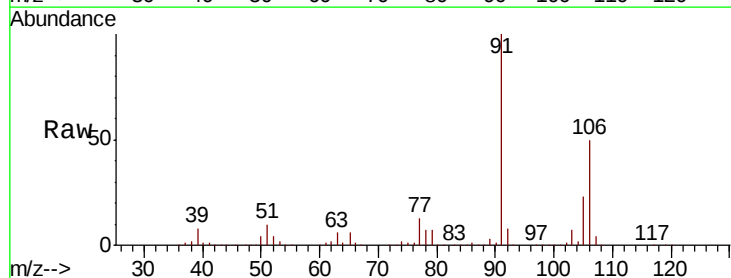
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

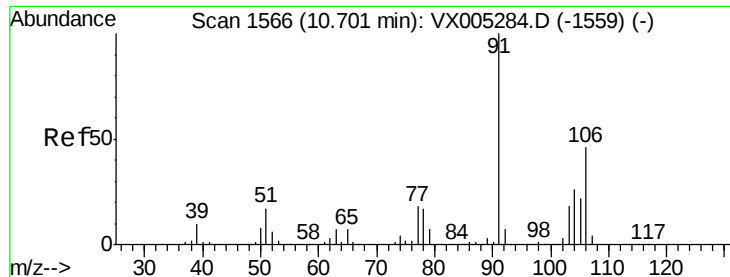
Tot Ion: 91 Resp: 590764
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 103.412 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 106 Resp: 465447
Ion Ratio Lower Upper
106 100
91 203.1 157.1 235.7

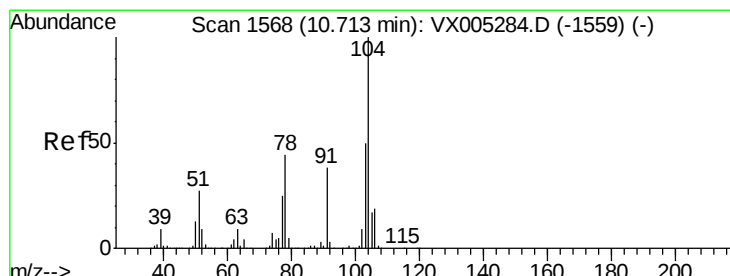
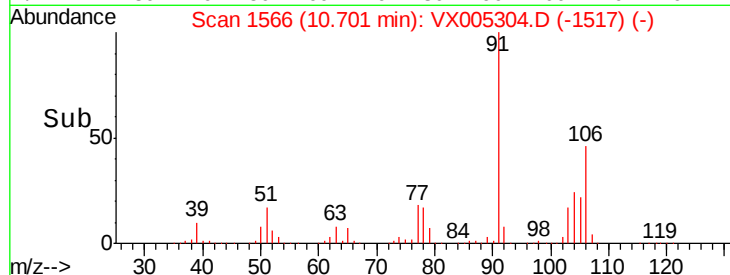
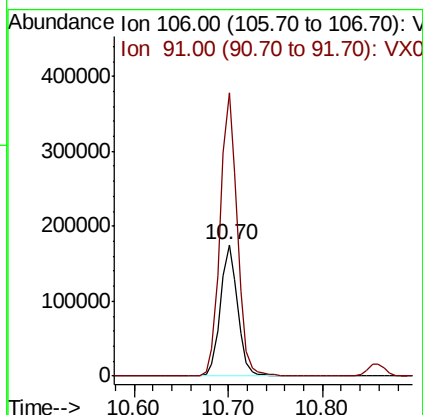
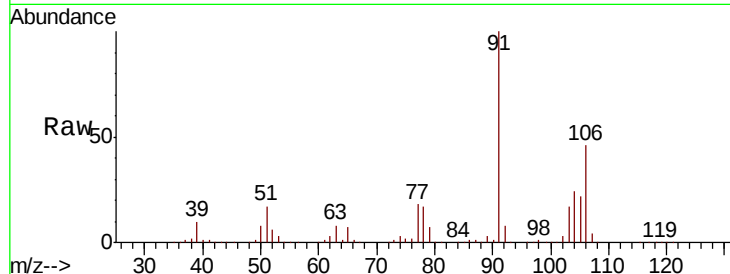




#69
o-Xylene
Concen: 51.258 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

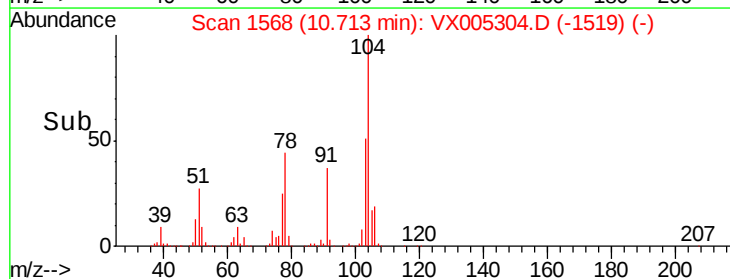
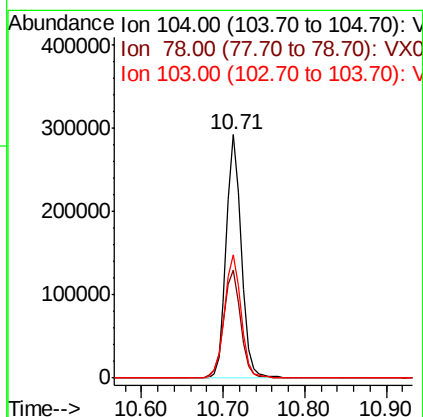
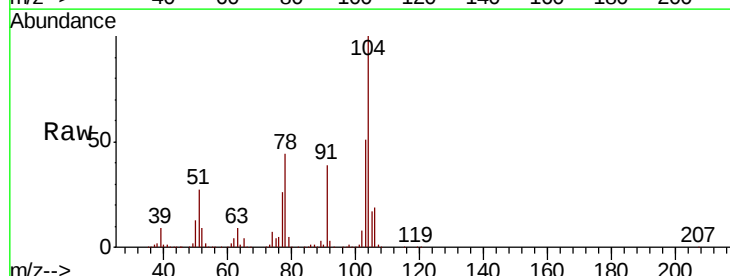
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

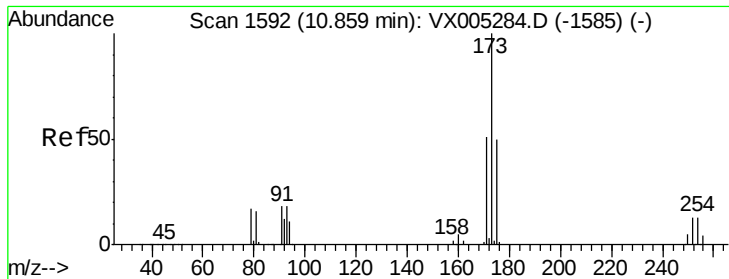
Tot Ion:106 Resp: 222500
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.1



#70
Styrene
Concen: 52.628 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion:104 Resp: 375753
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.8 43.8 65.6

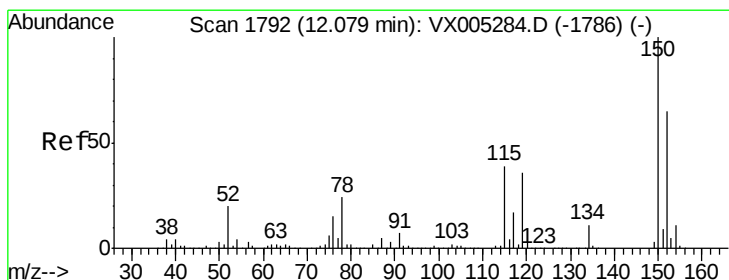
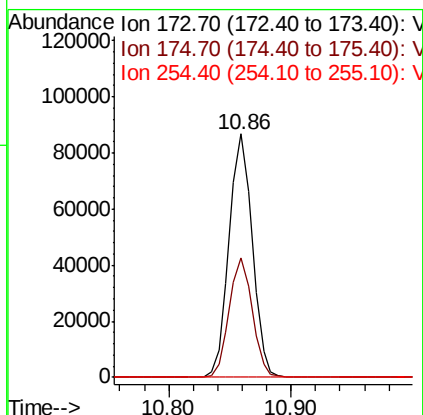
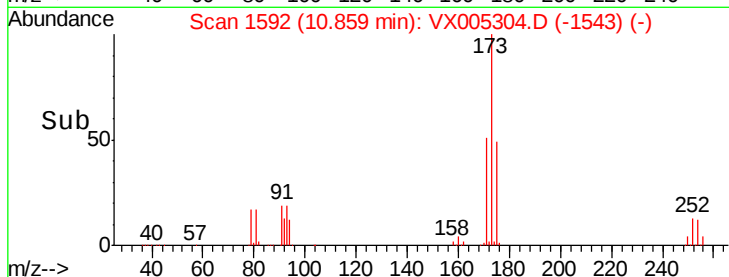
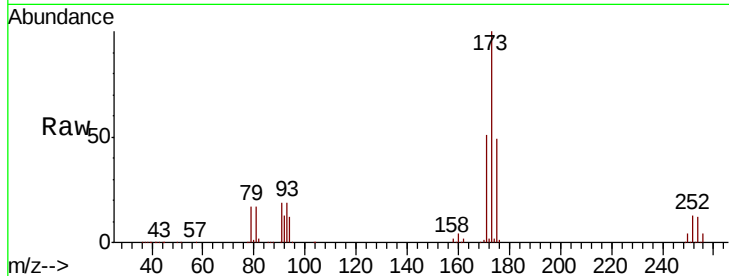




#71
Bromoform
Concen: 49.979 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

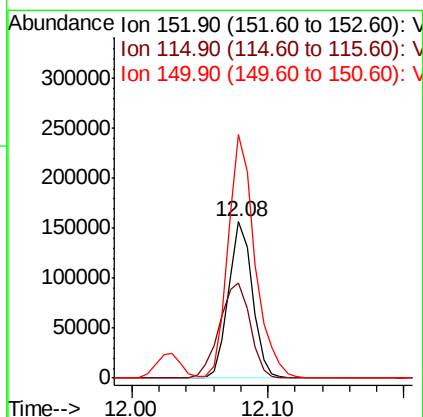
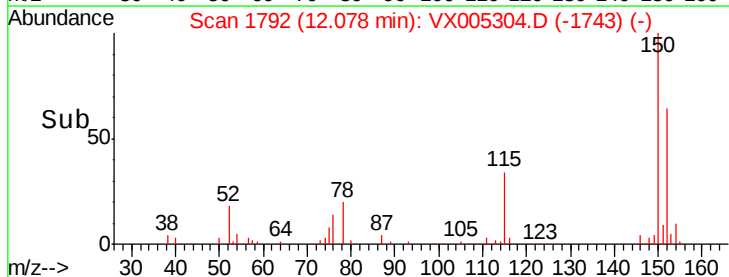
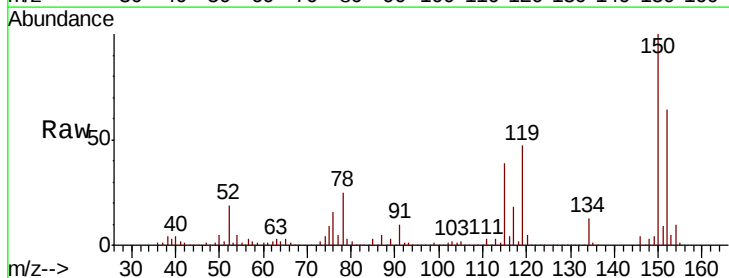
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 113531
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion:152 Resp: 192049
Ion Ratio Lower Upper
152 100
115 77.8 39.0 117.0
150 174.1 0.0 351.0





#73

Isopropylbenzene

Concen: 53.041 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

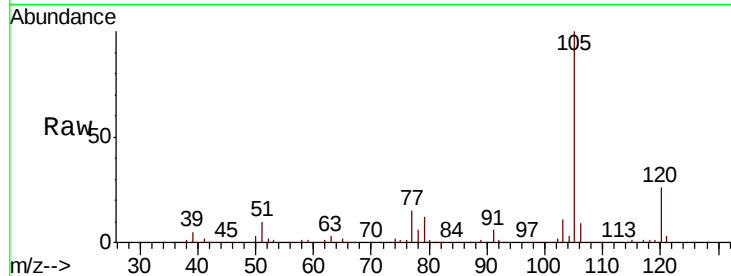
VSTDCCC050EC

Tot Ion:105 Resp: 605557

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

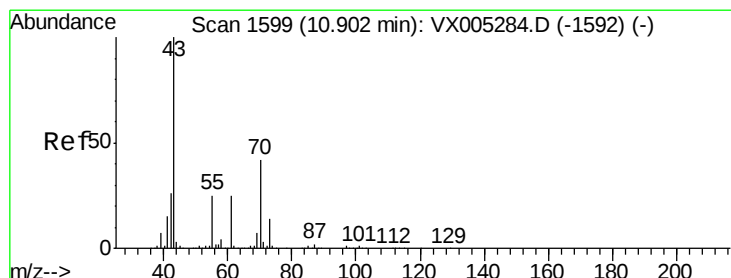
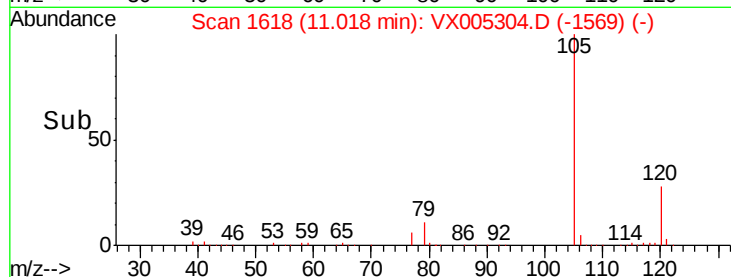
200000

100000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 52.388 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Tgt Ion: 43 Resp: 288476

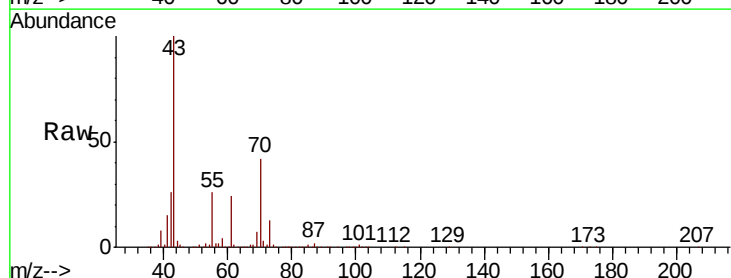
Ion Ratio Lower Upper

43 100

70 41.3 37.4 56.0

55 25.9 21.8 32.8

61 23.7 20.6 30.8



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

10.90

300000

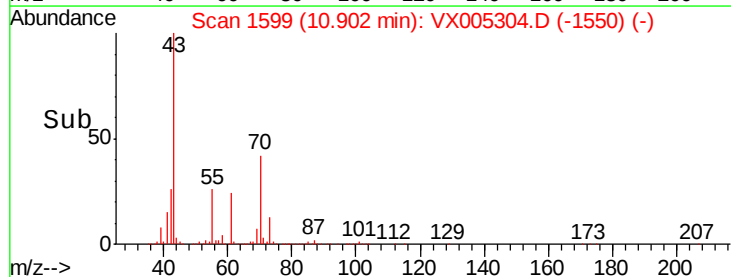
200000

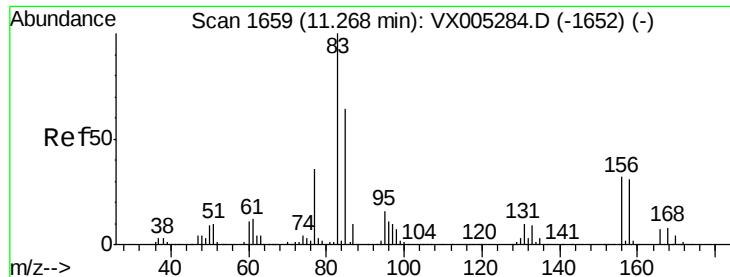
100000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.679 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

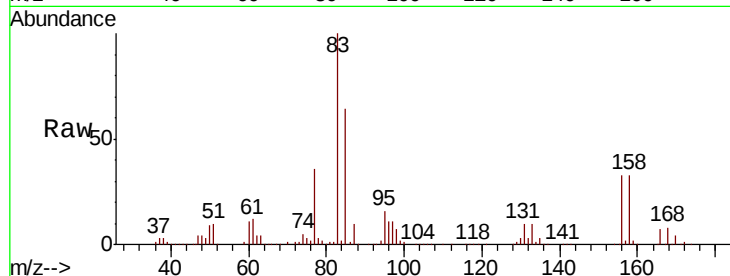
Tot Ion: 83 Resp: 209647

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

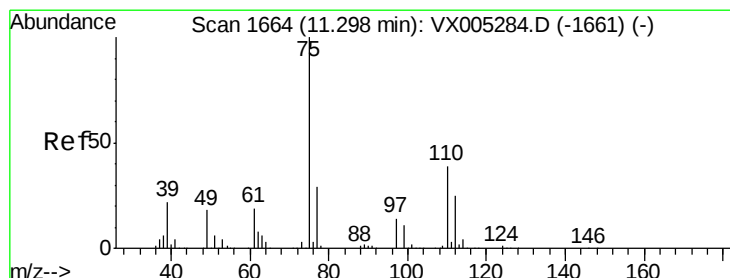
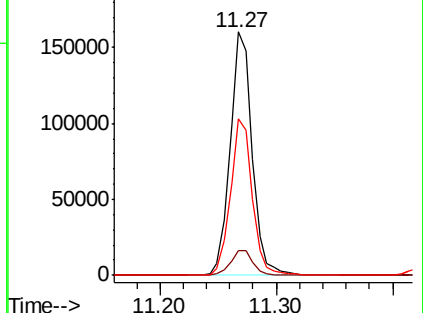
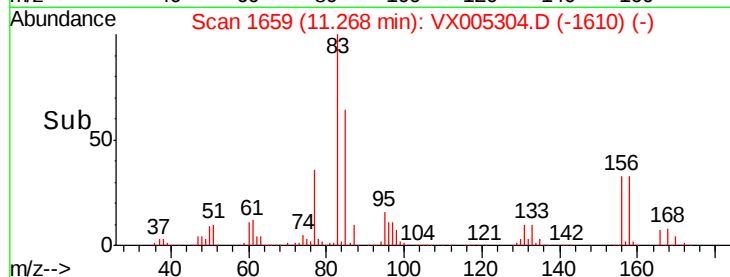
85 63.9 32.3 96.8



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: 65.592 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005304.D

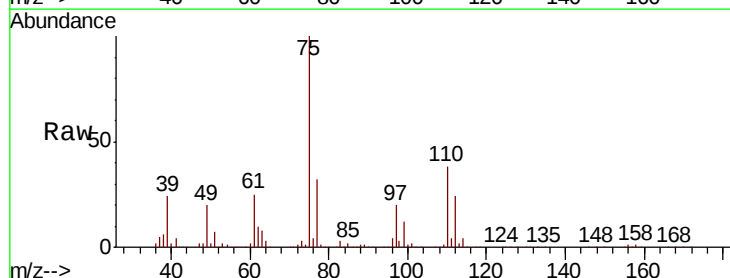
Acq: 12 Oct 2018 20:05

Tgt Ion: 75 Resp: 244344

Ion Ratio Lower Upper

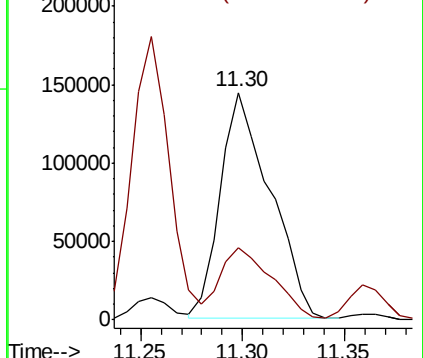
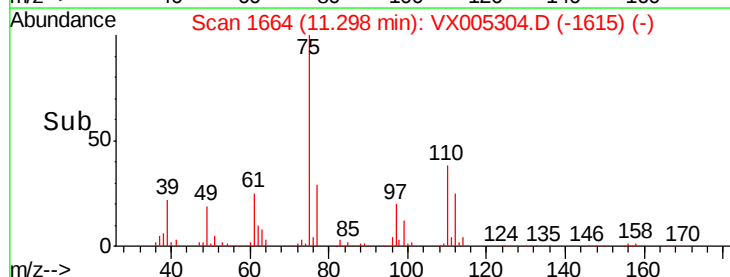
75 100

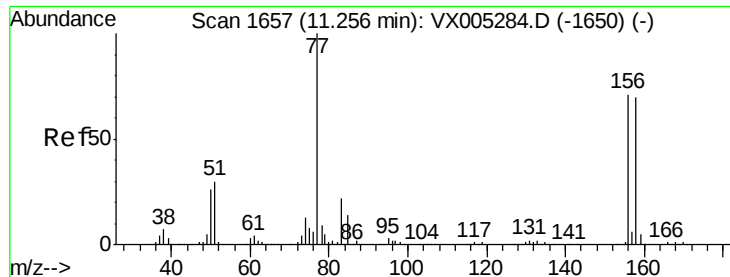
77 33.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.258 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

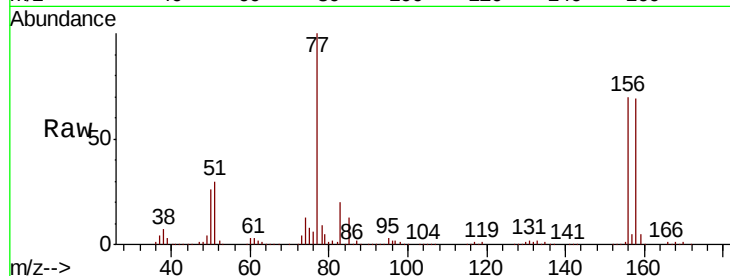
Tot Ion:156 Resp: 164059

Ion Ratio Lower Upper

156 100

77 142.0 71.5 214.3

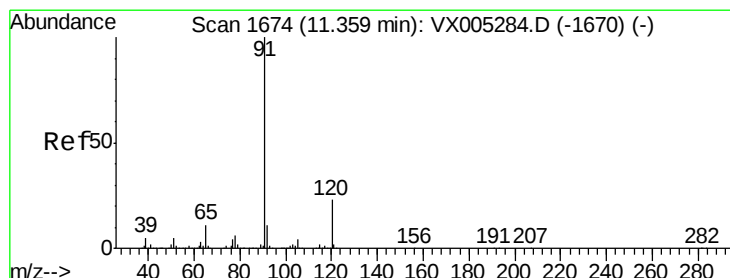
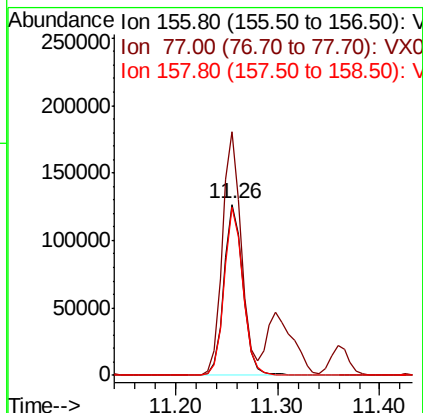
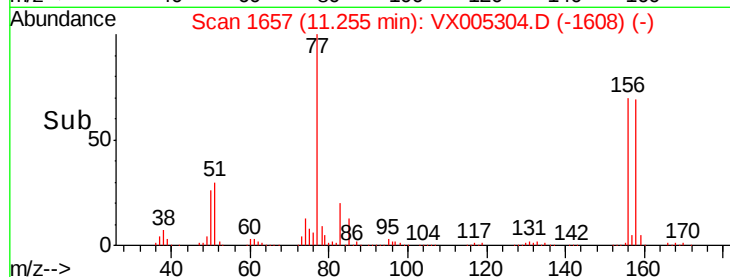
158 97.4 48.9 146.8



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: 52.629 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005304.D

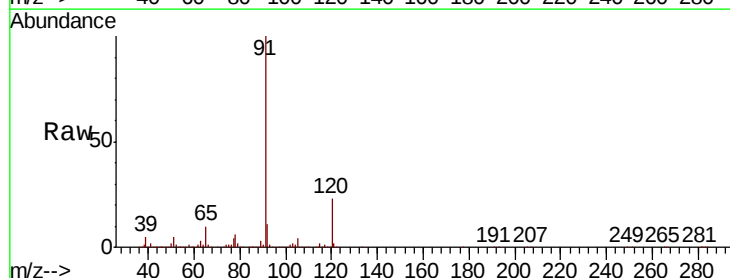
Acq: 12 Oct 2018 20:05

Tgt Ion: 91 Resp: 691422

Ion Ratio Lower Upper

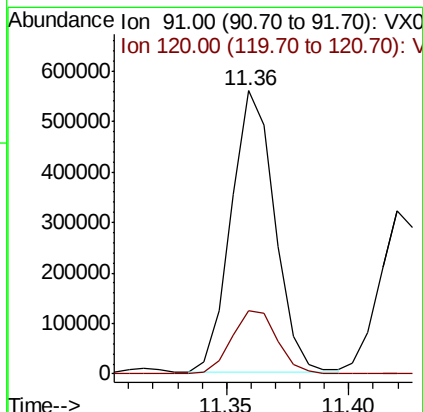
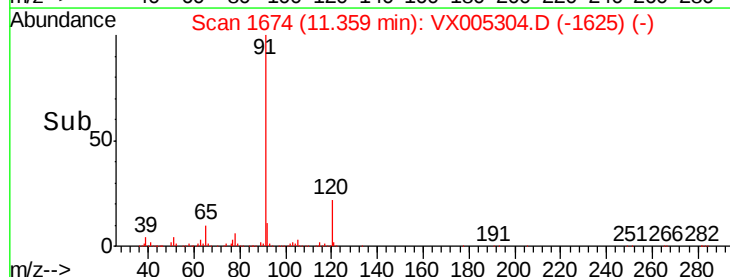
91 100

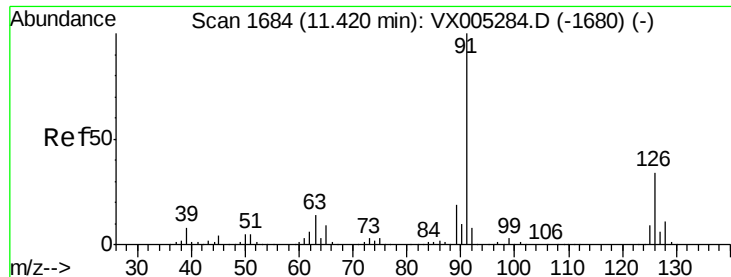
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

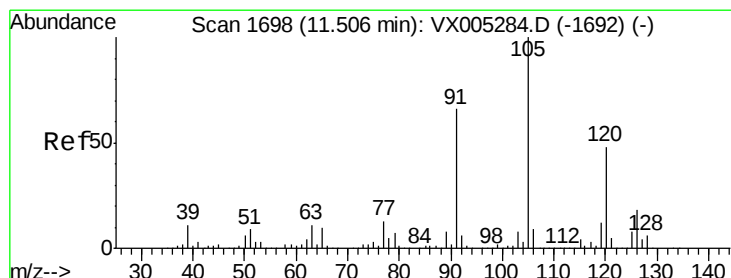
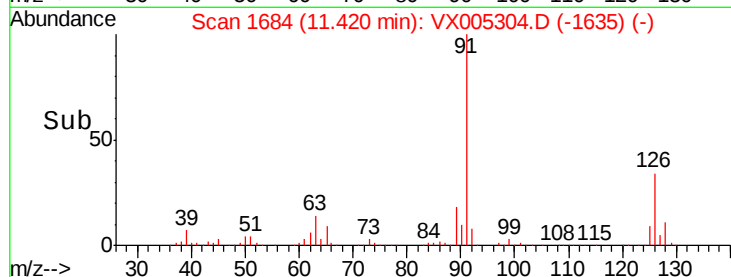
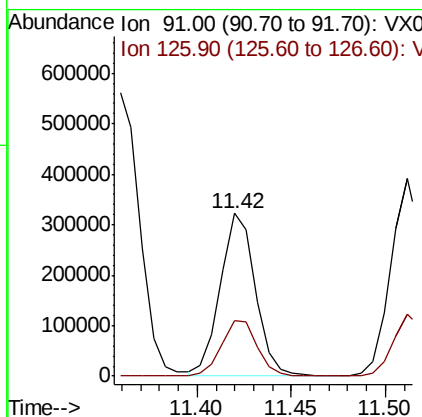
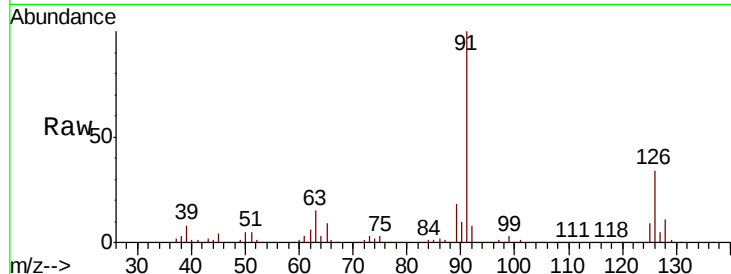




#79
 2-Chlorotoluene
 Concen: 51.157 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

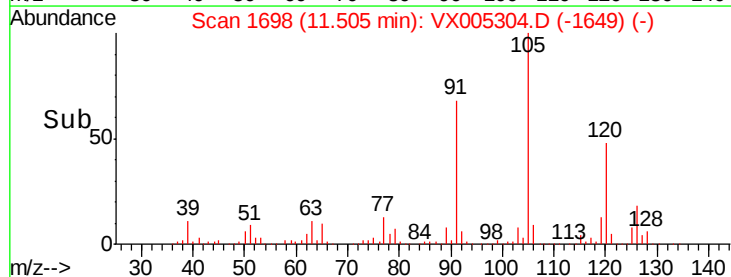
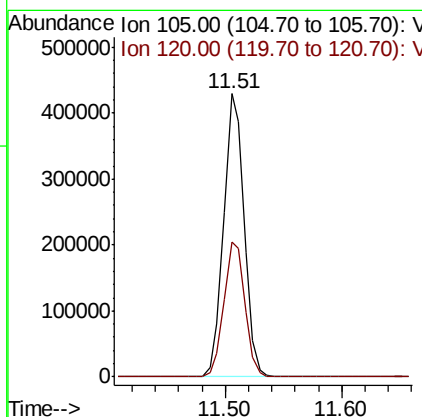
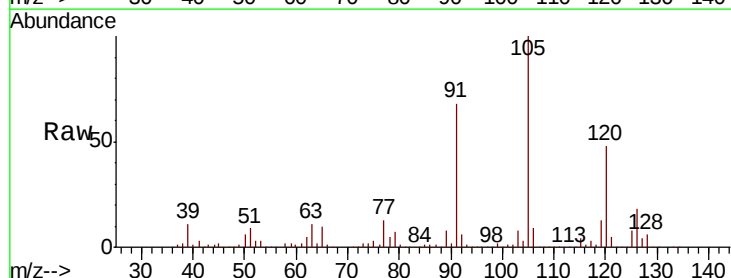
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

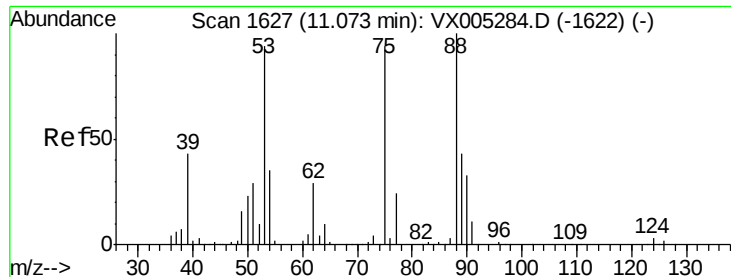
Tot Ion: 91 Resp: 411609
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.232 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion: 105 Resp: 520433
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.182 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

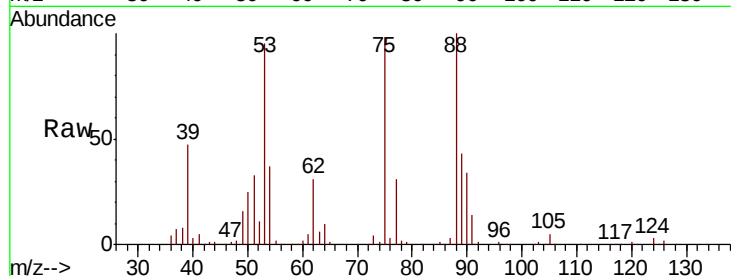
Tot Ion: 75 Resp: 61524

Ion Ratio Lower Upper

75 100

53 96.7 80.1 120.1

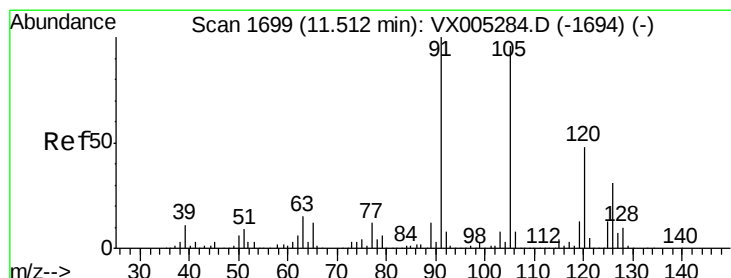
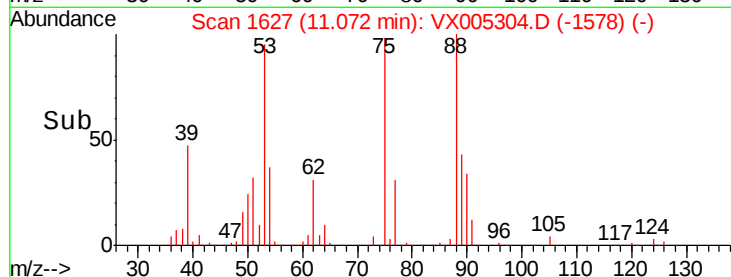
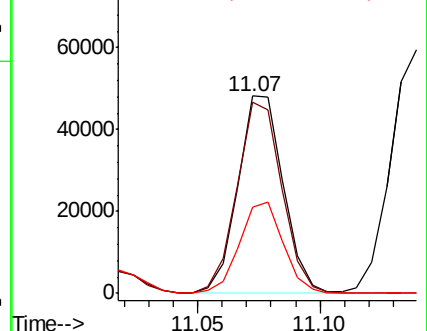
89 45.2 37.2 55.8



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: 51.441 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005304.D

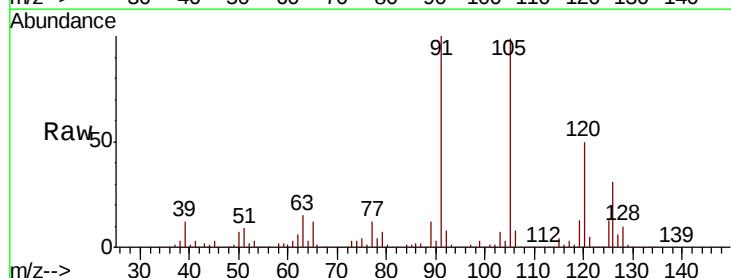
Acq: 12 Oct 2018 20:05

Tgt Ion: 91 Resp: 490638

Ion Ratio Lower Upper

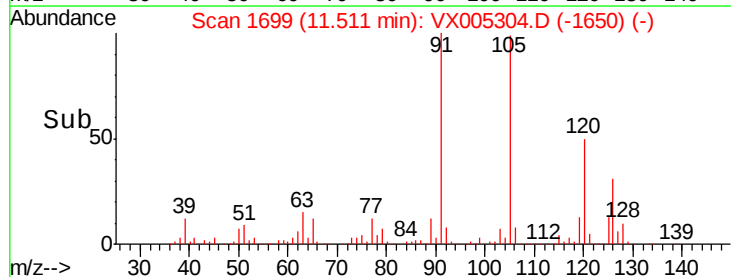
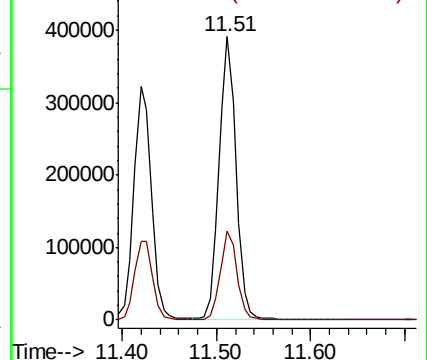
91 100

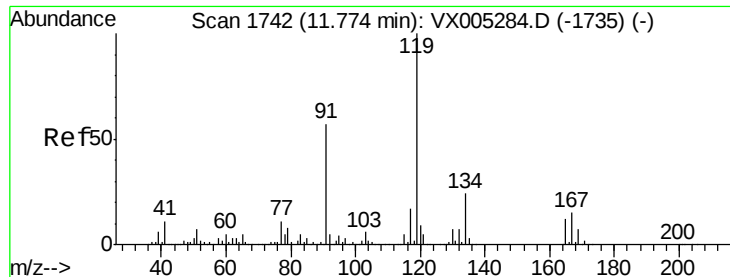
126 30.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

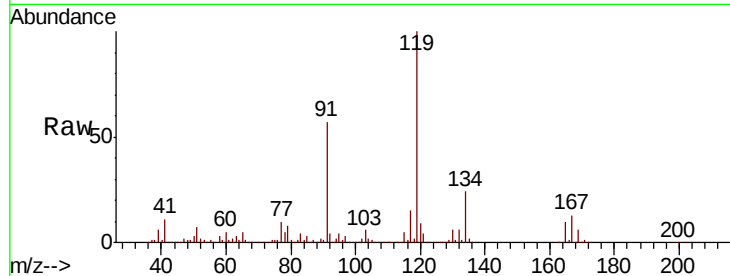




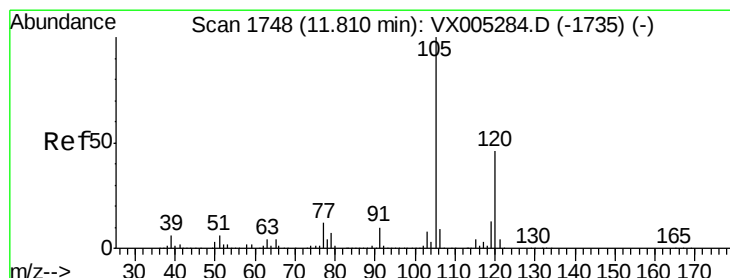
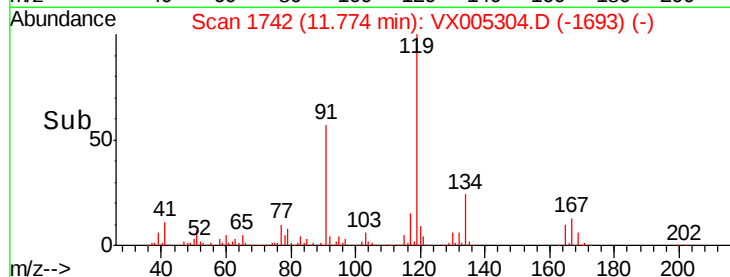
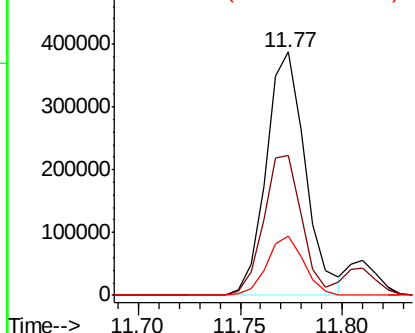
#83
 tert-Butylbenzene
 Concen: 52.240 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 517191
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.0 81.0
 134 22.9 11.7 35.1

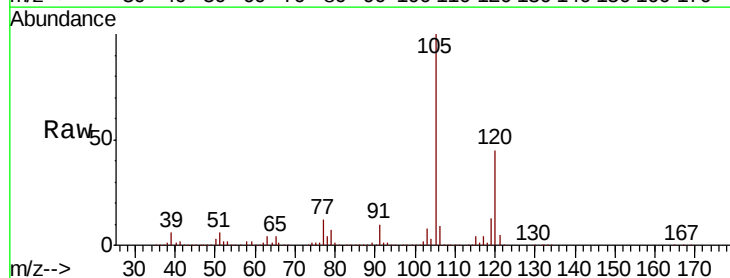


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

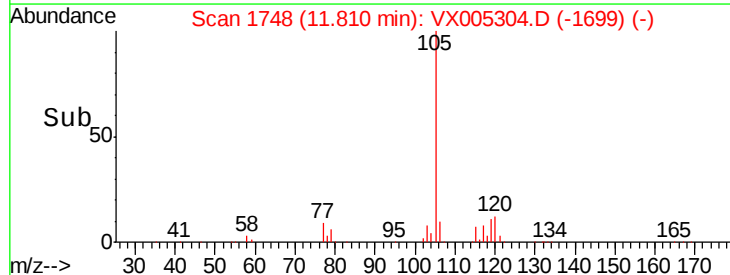
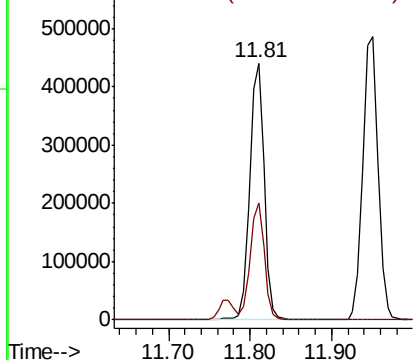


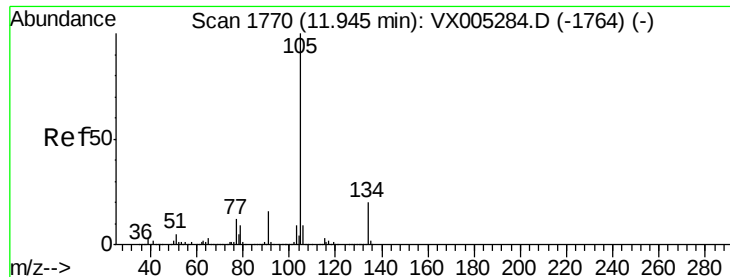
#84
 1,2,4-Trimethylbenzene
 Concen: 53.741 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion:105 Resp: 540690
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.853 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

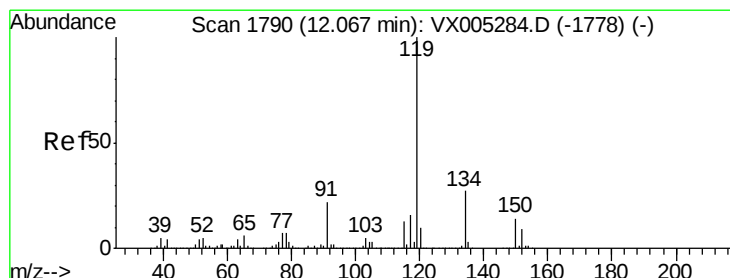
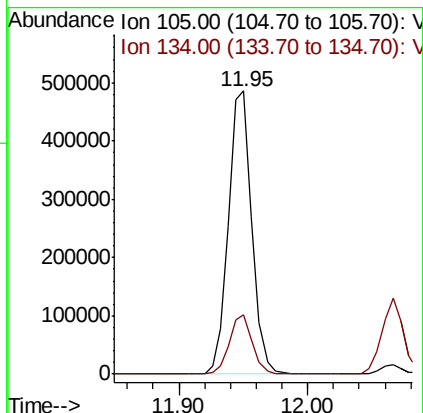
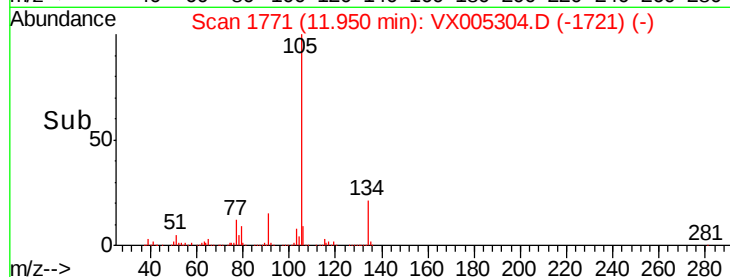
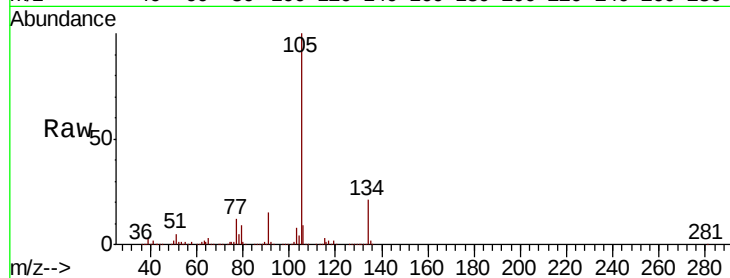
VSTDCCC050EC

Tot Ion:105 Resp: 619243

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 53.077 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

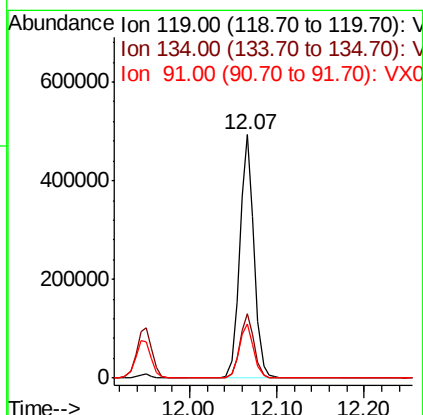
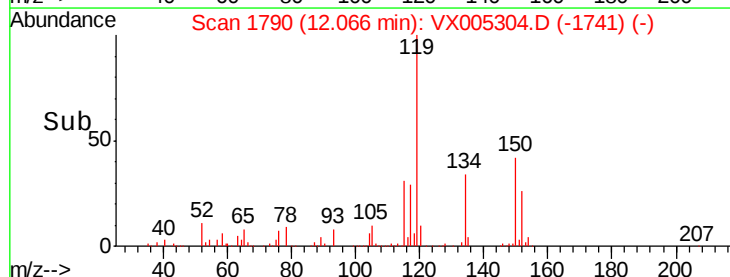
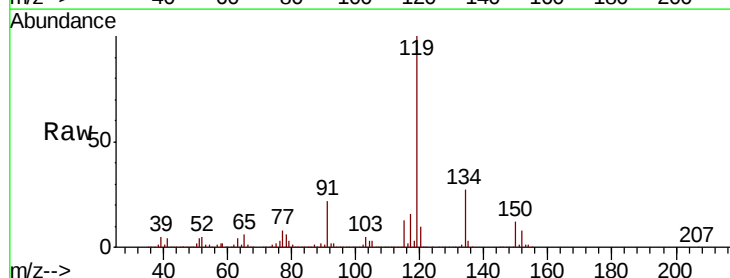
Tgt Ion:119 Resp: 562069

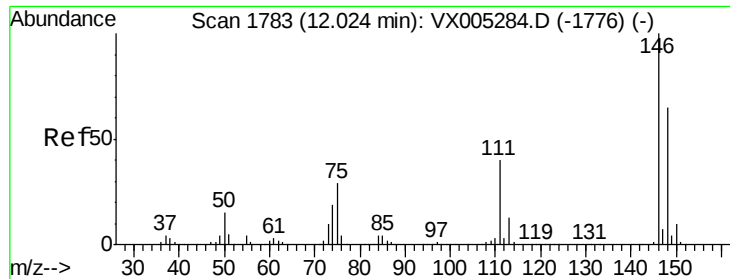
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 10.9 32.7

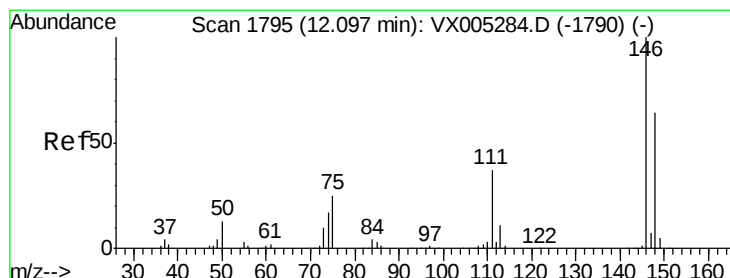
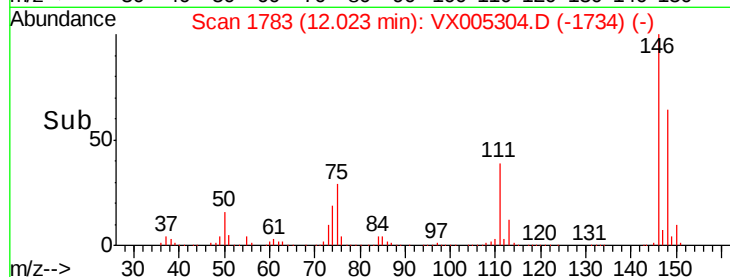
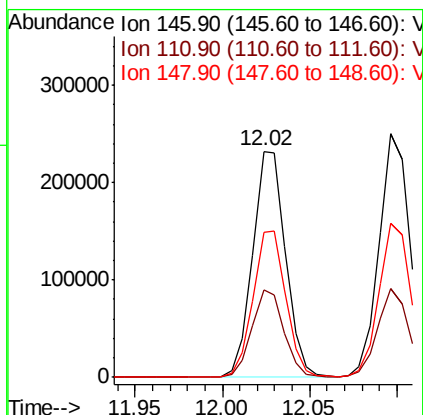
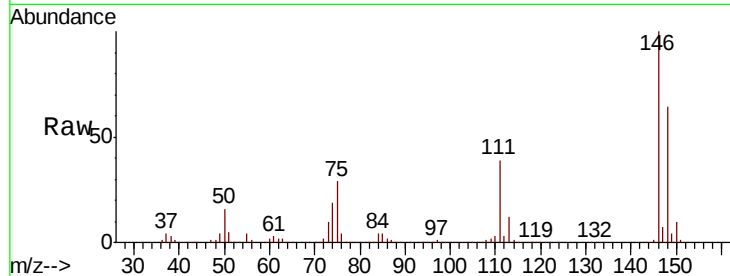




#87
 1,3-Dichlorobenzene
 Concen: 49.956 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

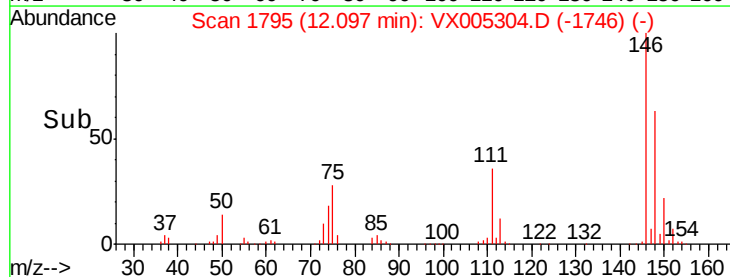
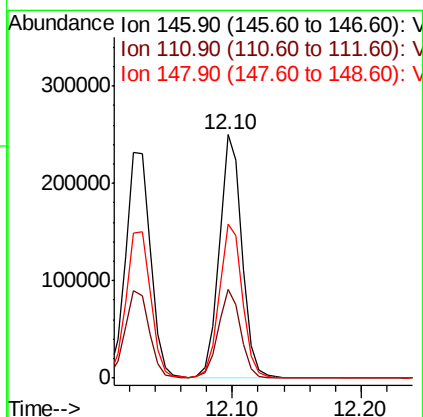
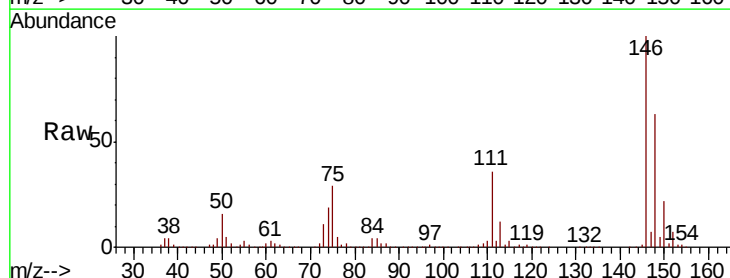
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

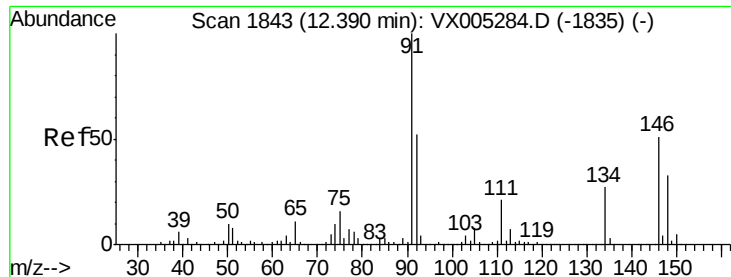
Tot Ion:146 Resp: 304720
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.574 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion:146 Resp: 309349
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.7 32.0 96.0

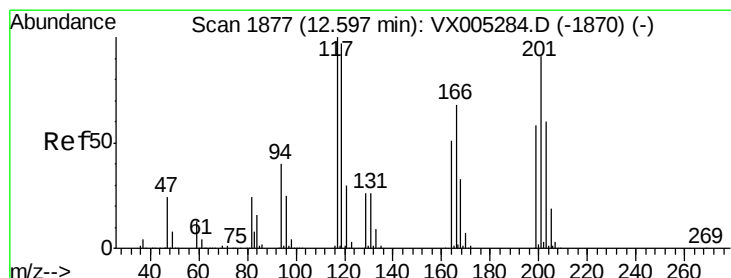
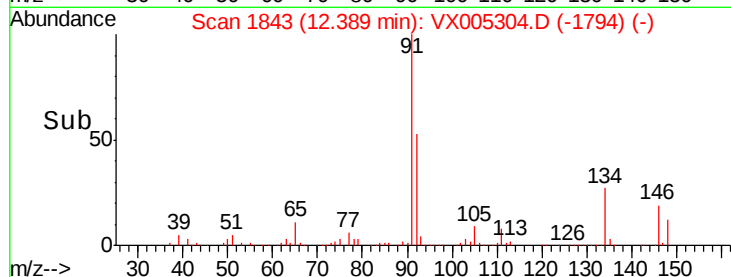
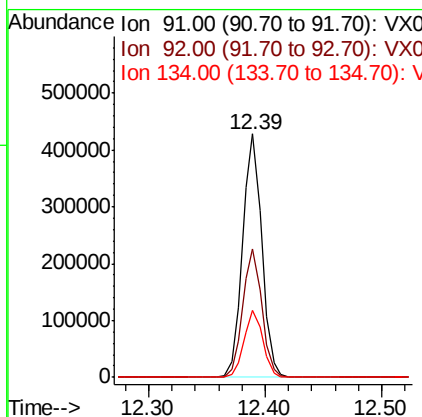
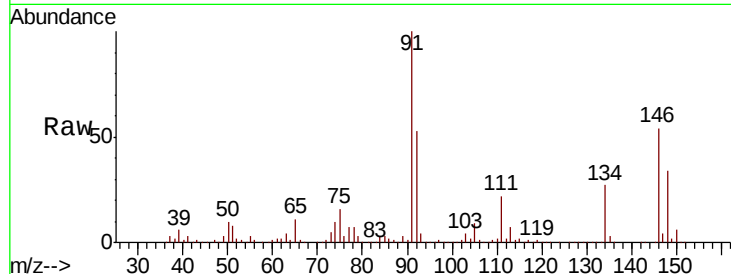




#89
n-Butylbenzene
Concen: 51.417 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

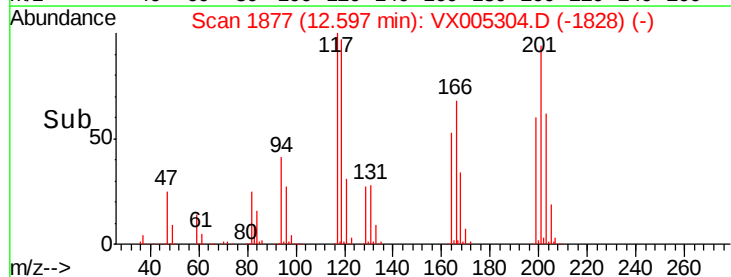
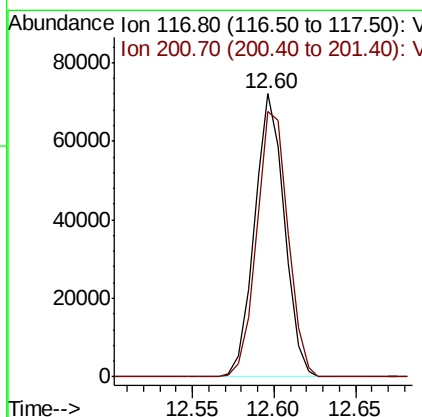
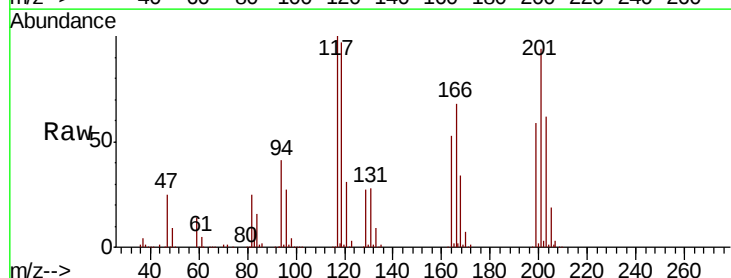
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 494372
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 50.047 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion: 117 Resp: 91338
Ion Ratio Lower Upper
117 100
201 98.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.532 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

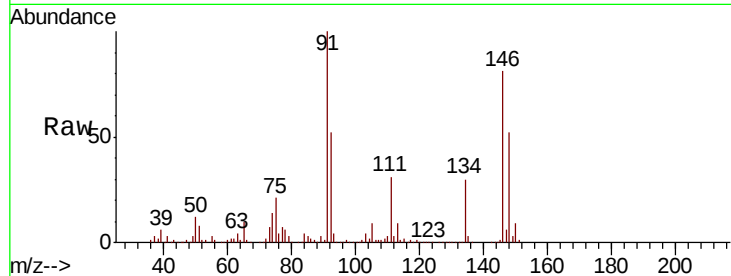
Tot Ion:146 Resp: 308321

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.1

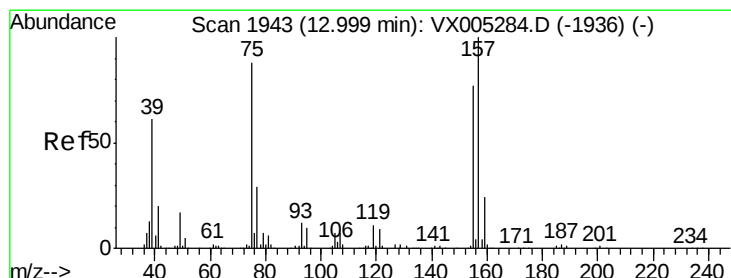
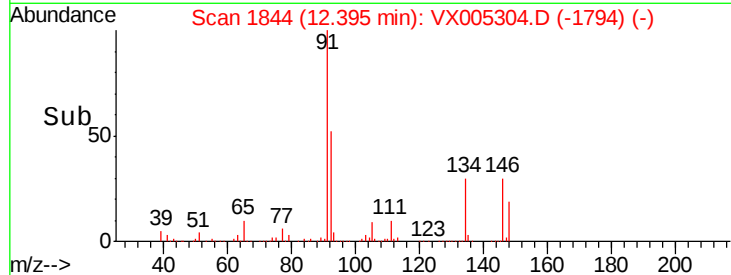
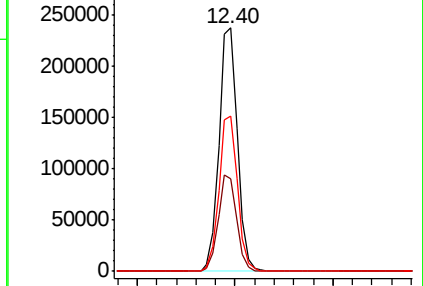
148 64.2 32.8 98.3



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: 49.243 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

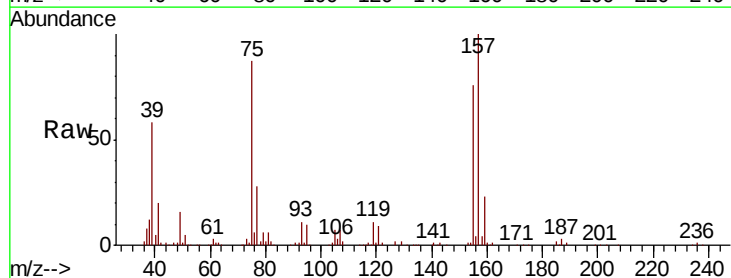
Tgt Ion: 75 Resp: 51731

Ion Ratio Lower Upper

75 100

155 91.8 48.0 144.2

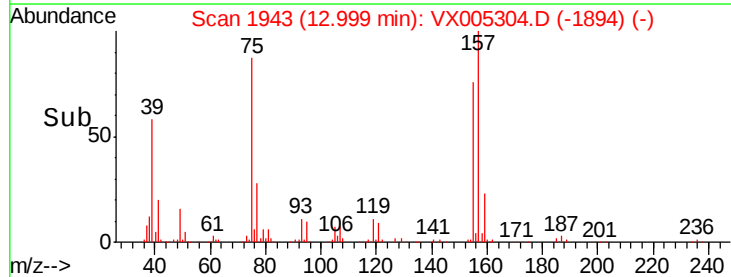
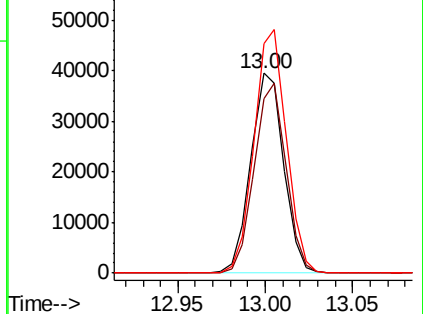
157 119.4 61.4 184.1

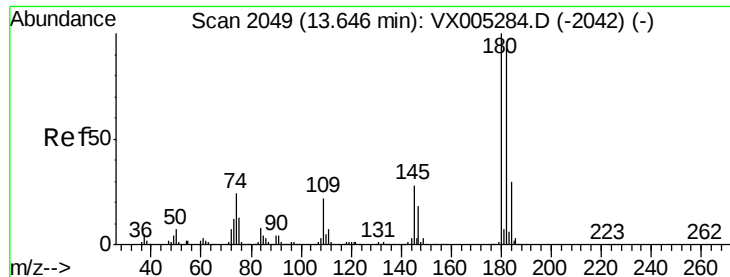


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

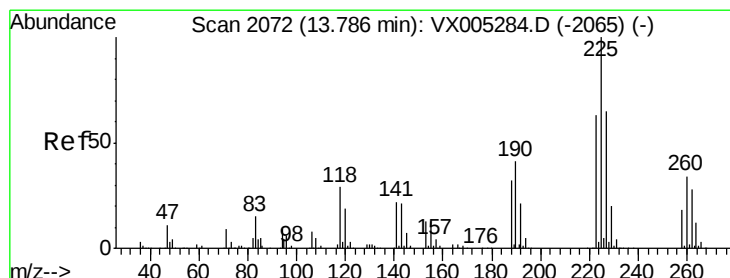
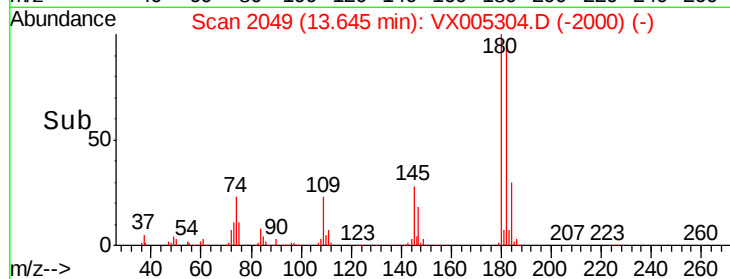
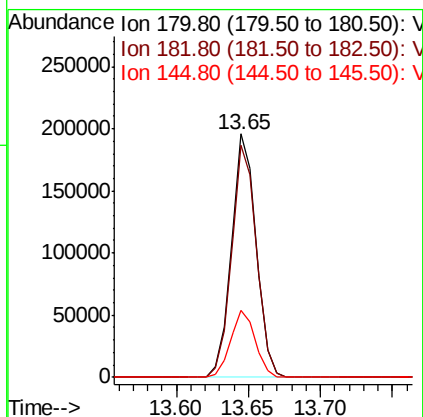
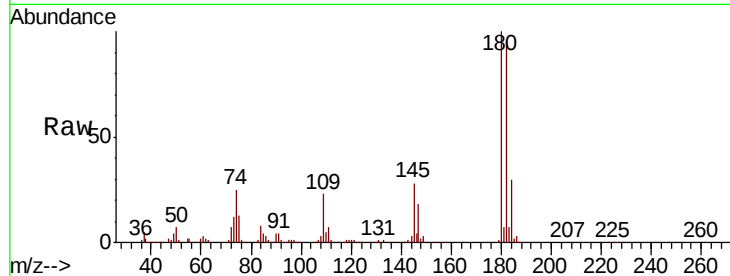




#93
 1,2,4-Trichlorobenzene
 Concen: 51.632 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

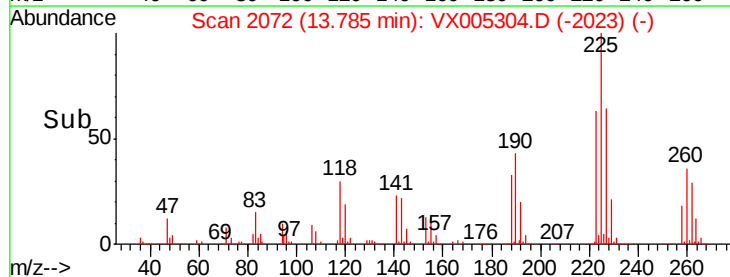
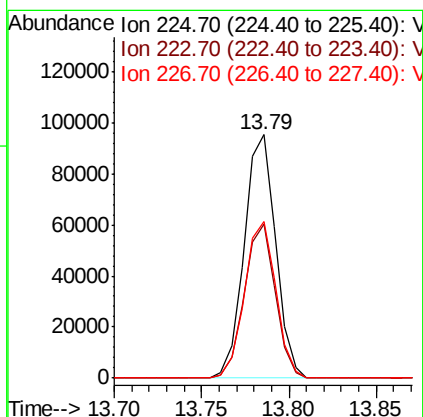
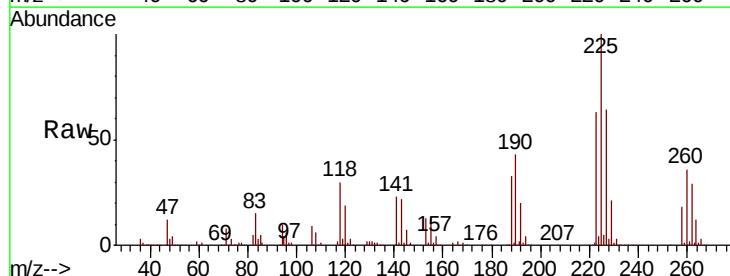
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

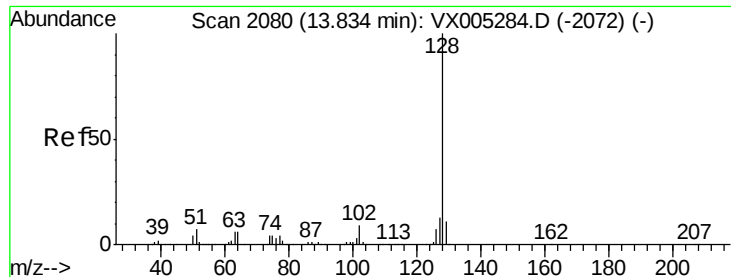
Tot Ion:180 Resp: 235796
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 27.6 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 49.227 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005304.D
 Acq: 12 Oct 2018 20:05

Tgt Ion:225 Resp: 118735
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 63.9 30.8 92.4

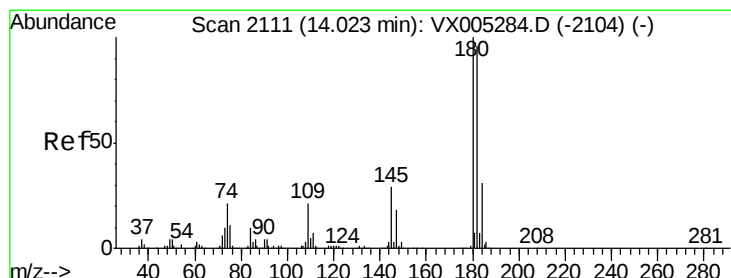
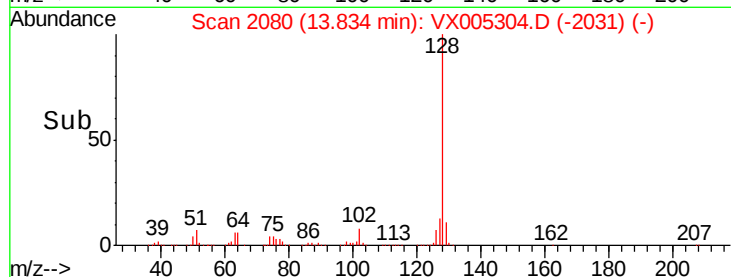
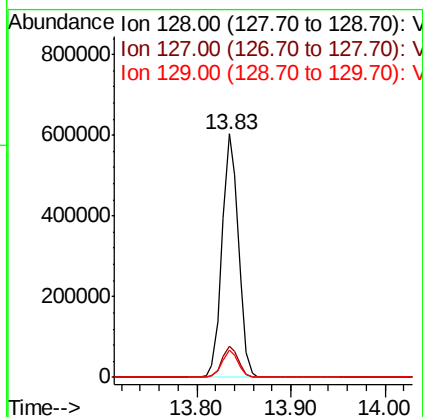
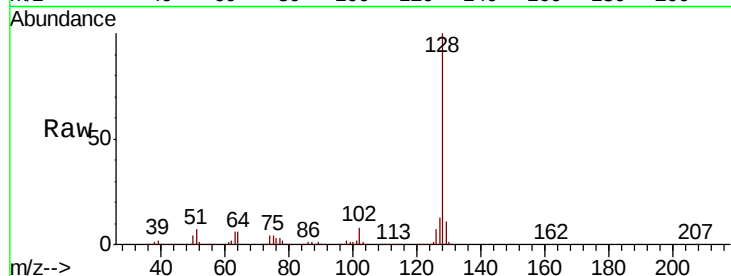




#95
Naphthalene
Concen: 54.899 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.218 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005304.D
Acq: 12 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	29.2	14.9	44.9

