

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX102418\
 Data File : VX005537.D
 Acq On : 24 Oct 2018 12:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 25 01:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192156	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	382502	131.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.28%	
35) Dibromofluoromethane	5.50	113	325020	145.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.82%	
50) Toluene-d8	8.72	98	1139481	142.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.72%	
62) 4-Bromofluorobenzene	11.14	95	475838	157.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	365871	155.128	ug/l	97
3) Chloromethane	1.32	50	416424	138.643	ug/l	100
4) Vinyl Chloride	1.41	62	410312	138.931	ug/l	96
5) Bromomethane	1.64	94	276208	150.300	ug/l	99
6) Chloroethane	1.70	64	245485	130.115	ug/l	99
7) Trichlorofluoromethane	1.91	101	545660	132.967	ug/l	96
8) Diethyl Ether	2.19	74	225221	137.523	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	306653	130.239	ug/l	97
10) Methyl Iodide	2.50	142	380096	170.848	ug/l	99
11) Tert butyl alcohol	3.10	59	611892	779.579	ug/l	98
12) 1,1-Dichloroethene	2.36	96	292210	130.277	ug/l	93
13) Acrolein	2.30	56	294546	735.659	ug/l	98
14) Allyl chloride	2.73	41	699350	139.706	ug/l	97
15) Acrylonitrile	3.15	53	1213283	689.348	ug/l	98
16) Acetone	2.46	43	1073130	696.261	ug/l	94
17) Carbon Disulfide	2.56	76	957957	140.106	ug/l	99
18) Methyl Acetate	2.78	43	561438	130.034	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1081392	135.157	ug/l	99
20) Methylene Chloride	2.85	84	332068	128.640	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	321608	131.322	ug/l	96
22) Diisopropyl ether	3.87	45	1247801	142.740	ug/l	89
23) Vinyl Acetate	3.82	43	5395808	700.853	ug/l	99
24) 1,1-Dichloroethane	3.69	63	656781	138.190	ug/l	98
25) 2-Butanone	4.71	43	1732408	738.122	ug/l	99
26) 2,2-Dichloropropane	4.59	77	494277	134.706	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	360011	136.357	ug/l	97
28) Bromochloromethane	5.02	49	303103	131.858	ug/l	99
29) Tetrahydrofuran	5.15	42	1172613	767.714	ug/l	98
30) Chloroform	5.23	83	613582	138.017	ug/l	94
31) Cyclohexane	5.57	56	578552	147.126	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	555813	141.651	ug/l	97
36) 1,1-Dichloropropene	5.80	75	463386	145.144	ug/l	97
37) Ethyl Acetate	4.87	43	644415	158.177	ug/l	99
38) Carbon Tetrachloride	5.78	117	483336	143.741	ug/l	94

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Quant Time: Oct 25 01:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	524068	148.657	ug/l	98
40) Benzene	6.14	78	1331970	145.540	ug/l #	89
41) Methacrylonitrile	5.07	41	351792	155.018	ug/l	99
42) 1,2-Dichloroethane	6.20	62	491285	141.308	ug/l	99
43) Isopropyl Acetate	6.46	43	1004097	164.473	ug/l	99
44) Trichloroethene	7.21	130	352609	141.428	ug/l	99
45) 1,2-Dichloropropane	7.52	63	346911	140.992	ug/l	100
46) Dibromomethane	7.66	93	221662	139.484	ug/l	99
47) Bromodichloromethane	7.90	83	460696	149.367	ug/l	90
48) Methyl methacrylate	7.78	41	467189	157.086	ug/l	99
49) 1,4-Dioxane	7.76	88	203482	3130.772	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3228214	786.810	ug/l	99
52) Toluene	8.79	92	805480	144.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	536493	160.943	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	550883	153.496	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	333704	142.304	ug/l	98
56) Ethyl methacrylate	9.18	69	581219	166.168	ug/l	99
57) 1,3-Dichloropropane	9.37	76	565641	142.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1516264	776.161	ug/l	100
59) 2-Hexanone	9.50	43	2663249	823.276	ug/l	99
60) Dibromochloromethane	9.59	129	379433	155.084	ug/l	99
61) 1,2-Dibromoethane	9.68	107	356077	146.775	ug/l	100
64) Tetrachloroethene	9.34	164	336823	132.930	ug/l	99
65) Chlorobenzene	10.14	112	932423	143.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	351802	148.440	ug/l	100
67) Ethyl Benzene	10.26	91	1621057	151.587	ug/l	98
68) m/p-Xylenes	10.36	106	1257307	303.044	ug/l	99
69) o-Xylene	10.70	106	611498	156.659	ug/l	100
70) Styrene	10.71	104	1053915	161.288	ug/l	99
71) Bromoform	10.86	173	361019	170.708	ug/l	99
73) Isopropylbenzene	11.02	105	1667593	141.969	ug/l	99
74) N-amyl acetate	10.90	43	951981	163.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	629909	145.358	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	765955	194.528	ug/l	87
77) Bromobenzene	11.26	156	460310	140.615	ug/l	99
78) n-propylbenzene	11.37	91	1984446	147.748	ug/l	99
79) 2-Chlorotoluene	11.42	91	1190735	142.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1483423	147.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	212233	170.332	ug/l	93
82) 4-Chlorotoluene	11.51	91	1435652	146.199	ug/l	100
83) tert-Butylbenzene	11.77	119	1508718	150.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1543599	151.573	ug/l	100
85) sec-Butylbenzene	11.95	105	1788644	149.655	ug/l	100
86) p-Isopropyltoluene	12.07	119	1639516	153.453	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	888874	144.396	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	900263	139.819	ug/l	100
89) n-Butylbenzene	12.39	91	1521402	157.734	ug/l	99
90) Hexachloroethane	12.60	117	292397	158.676	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	914021	146.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	161965	154.576	ug/l	97

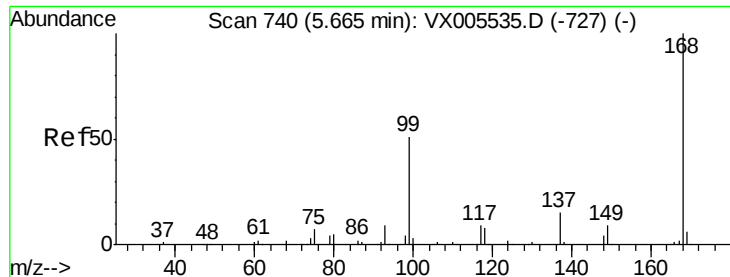
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
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Acq On : 24 Oct 2018 12:52
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VSTDICC150

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 01:45:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	693071	153.515	ug/l	99
94) Hexachlorobutadiene	13.79	225	336169	143.686	ug/l	99
95) Naphthalene	13.83	128	2114852	161.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	689428	150.645	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

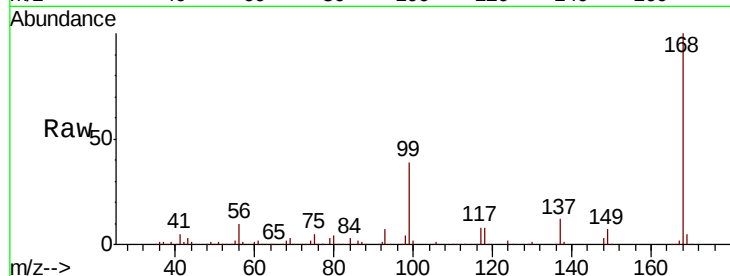
VSTDIC150

Tgt Ion:168 Resp: 238946

Ion Ratio Lower Upper

168 100

99 38.4 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): VX005537.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX005537.D (-691) (-)

5.67

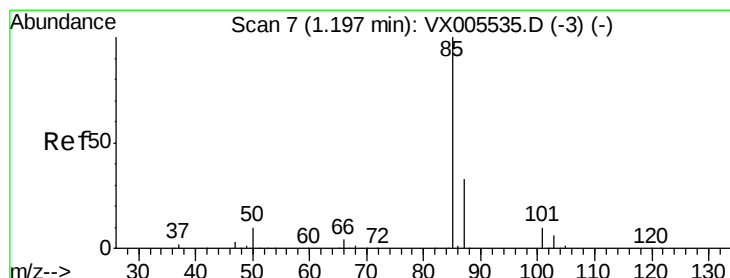
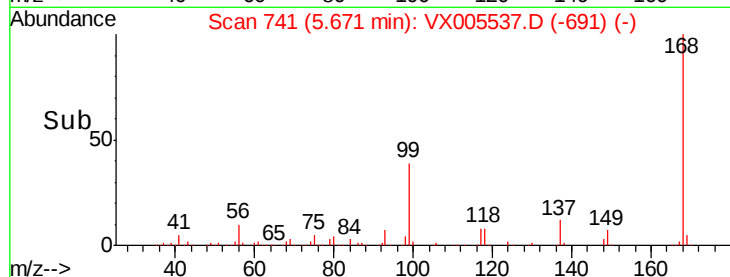
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 155.128 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005537.D

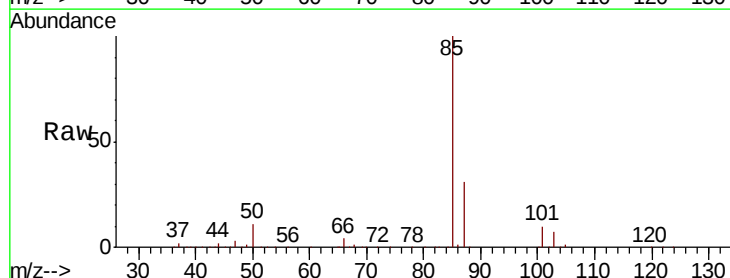
Acq: 24 Oct 2018 12:52

Tgt Ion: 85 Resp: 365871

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX005537.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX005537.D (-1) (-)

1.20

300000

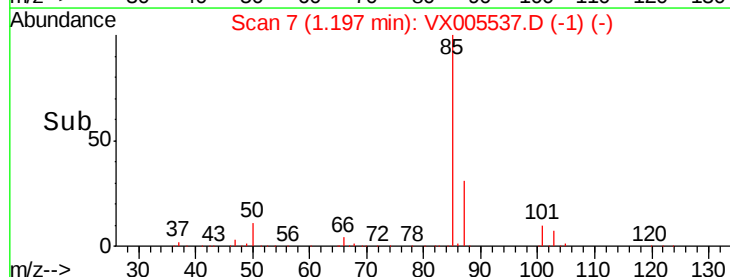
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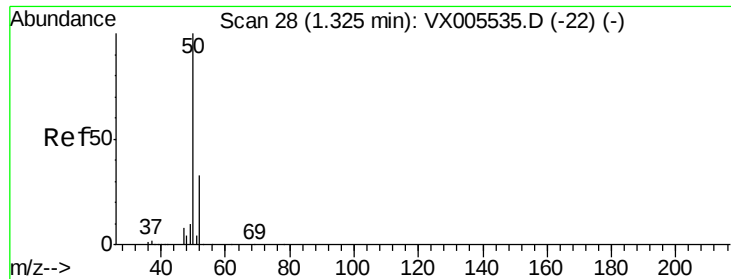
100000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 138.643 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

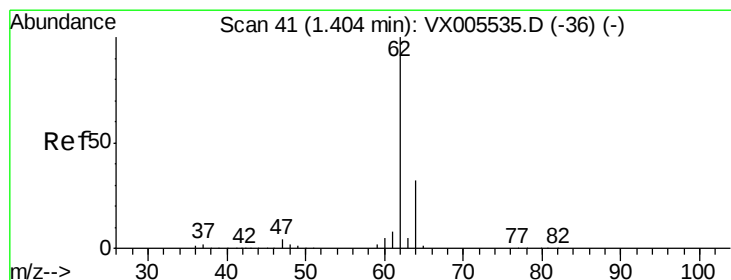
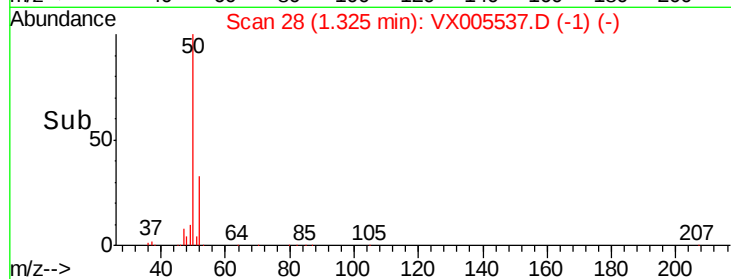
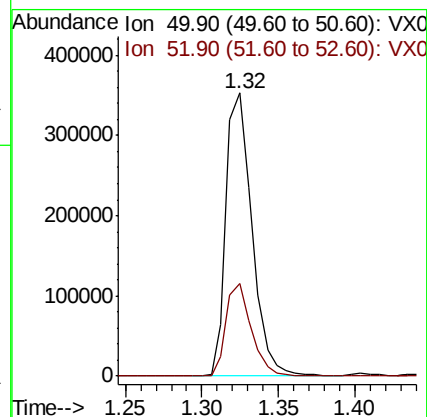
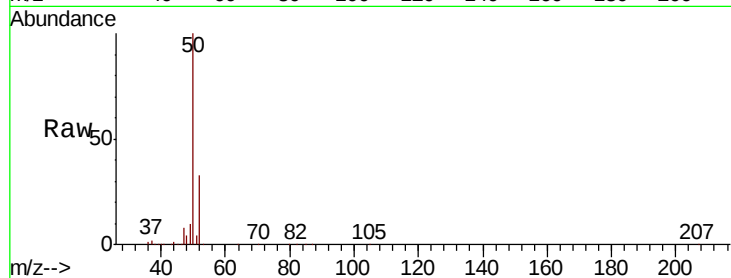
VSTDICC150

Tgt Ion: 50 Resp: 416424

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 138.931 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005537.D

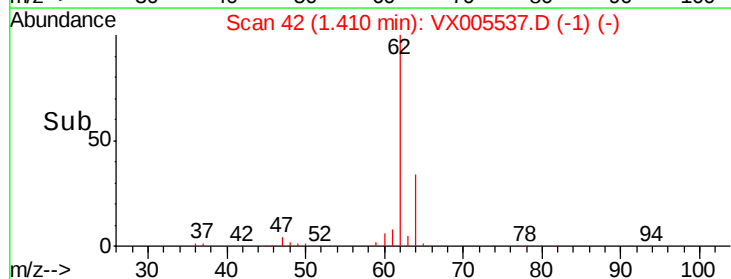
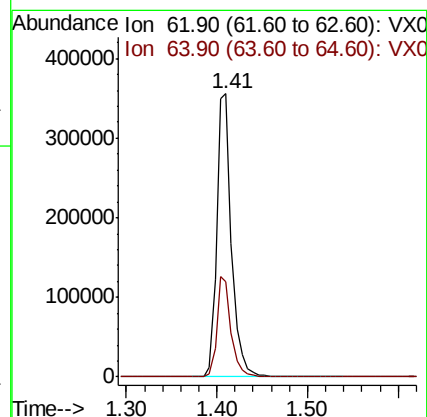
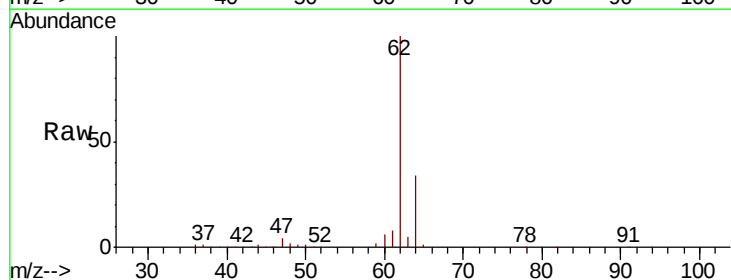
Acq: 24 Oct 2018 12:52

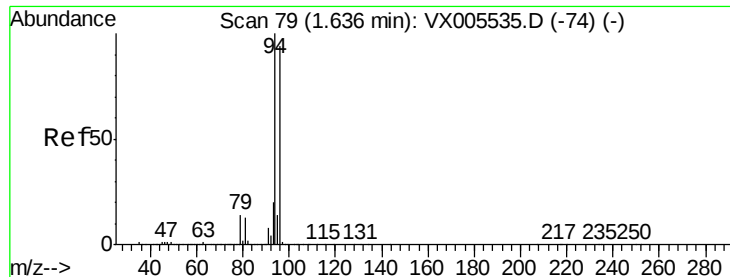
Tgt Ion: 62 Resp: 410312

Ion Ratio Lower Upper

62 100

64 33.6 25.3 37.9





#5

Bromomethane

Concen: 150.300 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

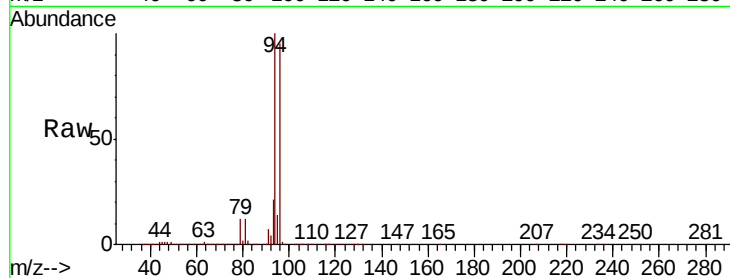
VSTDIC150

Tgt Ion: 94 Resp: 276208

Ion Ratio Lower Upper

94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250000

200000

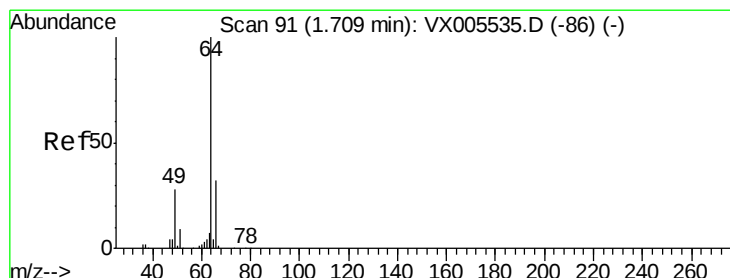
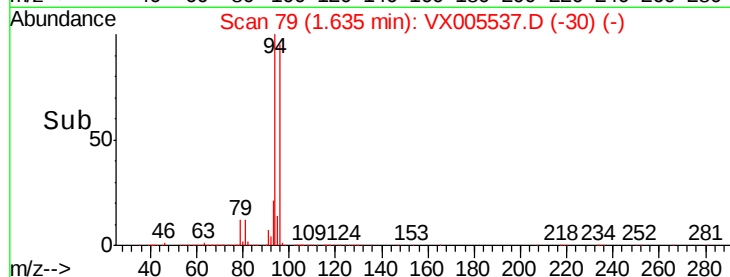
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 130.115 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005537.D

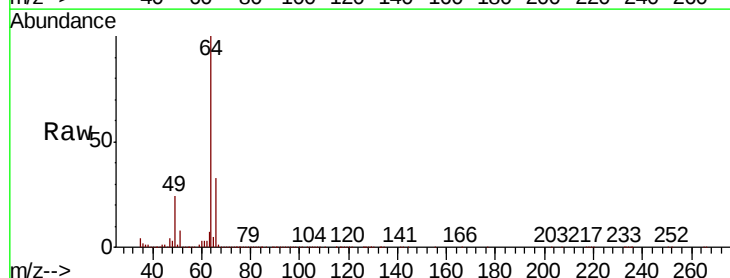
Acq: 24 Oct 2018 12:52

Tgt Ion: 64 Resp: 245485

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

250000

200000

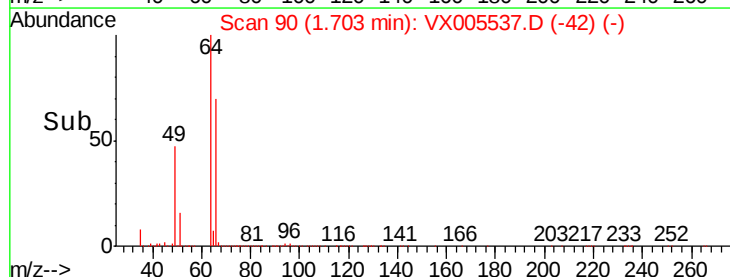
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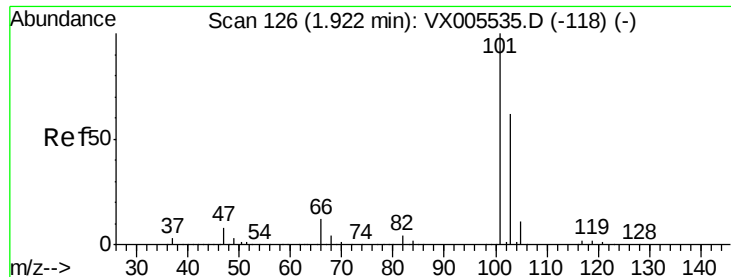
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50000

0

Time-->



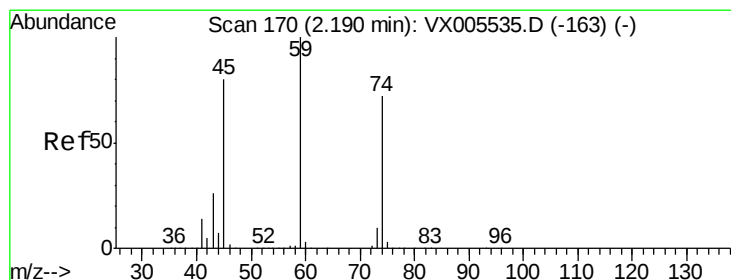
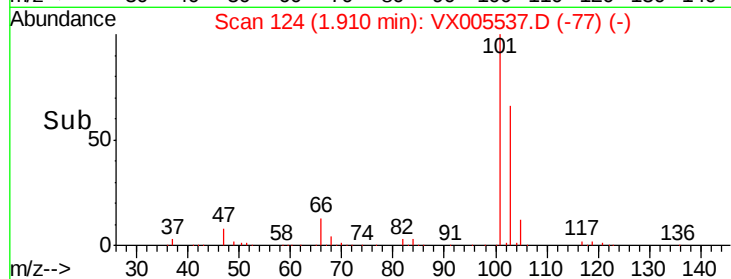
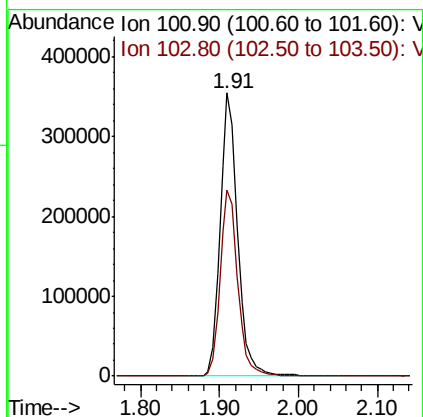
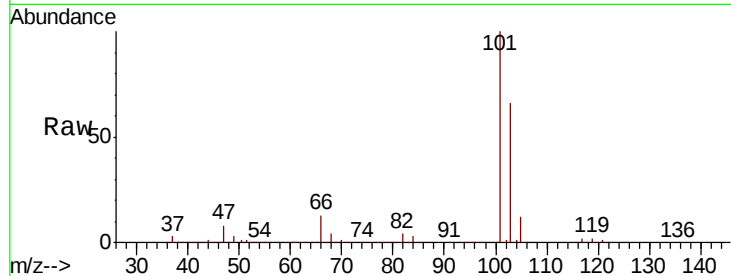


#7

Trichlorofluoromethane
 Concen: 132.967 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

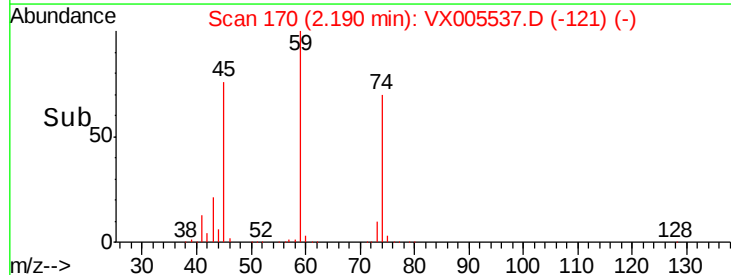
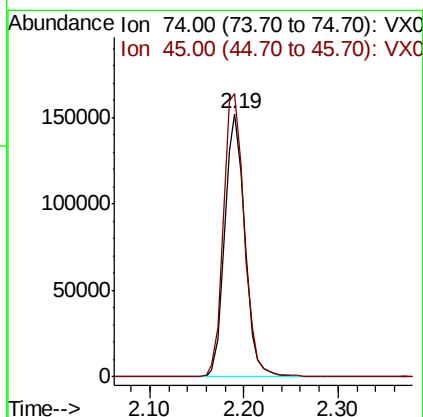
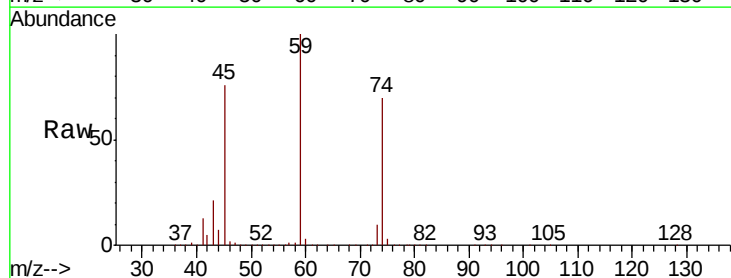
Tgt Ion: 101 Resp: 545660
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.0 75.0



#8

Diethyl Ether
 Concen: 137.523 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 74 Resp: 225221
 Ion Ratio Lower Upper
 74 100
 45 111.9 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 130.239 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

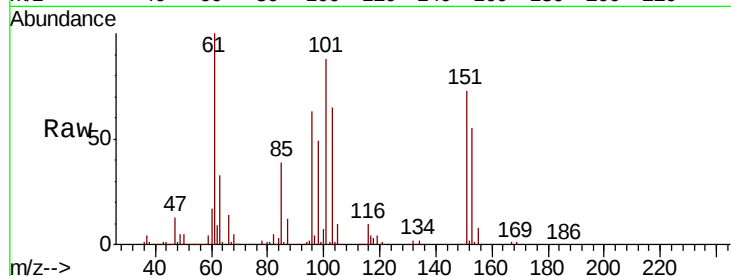
Tgt Ion:101 Resp: 306653

Ion Ratio Lower Upper

101 100

85 45.2 35.0 52.4

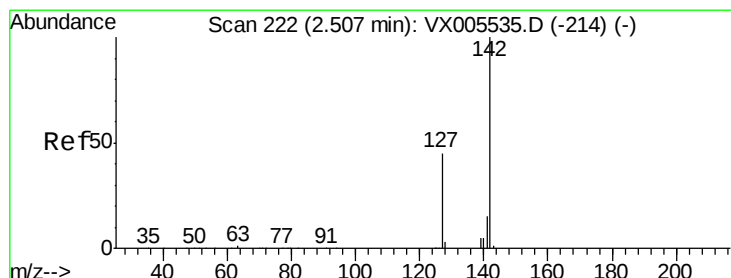
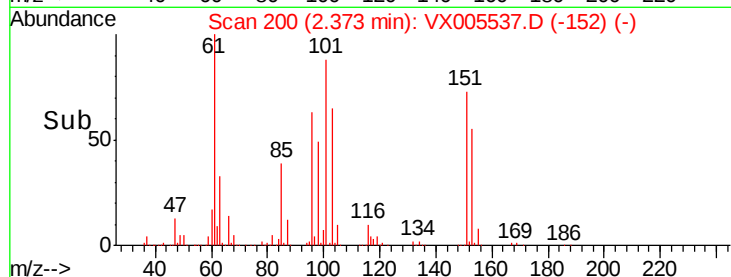
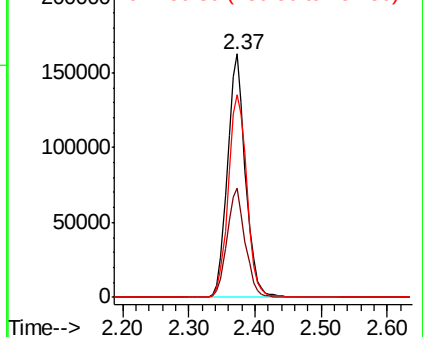
151 86.1 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 170.848 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

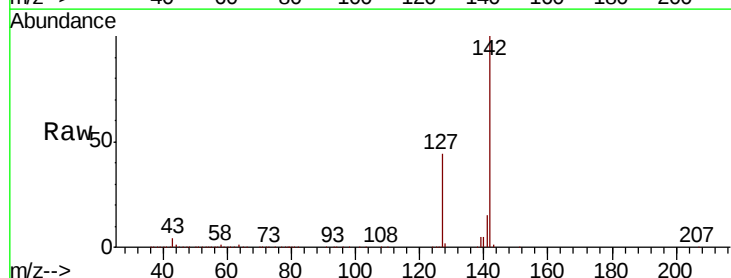
Tgt Ion:142 Resp: 380096

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

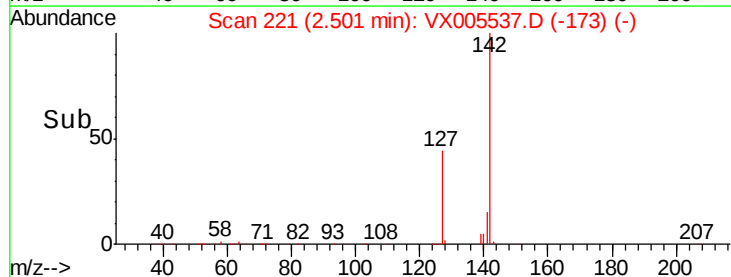
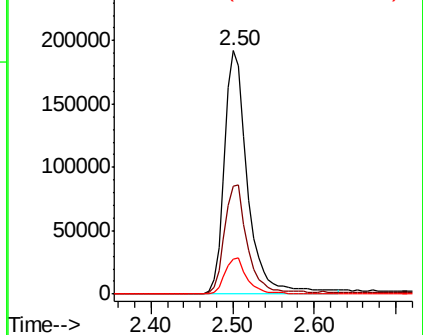
141 14.4 11.7 17.5

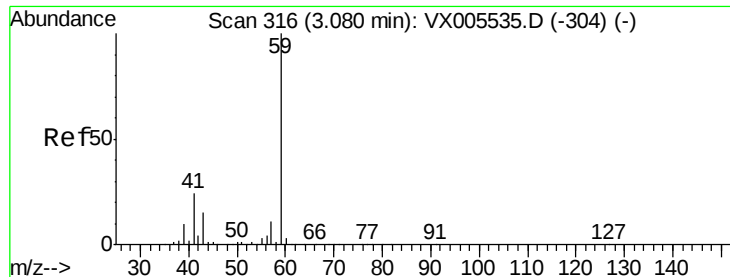


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

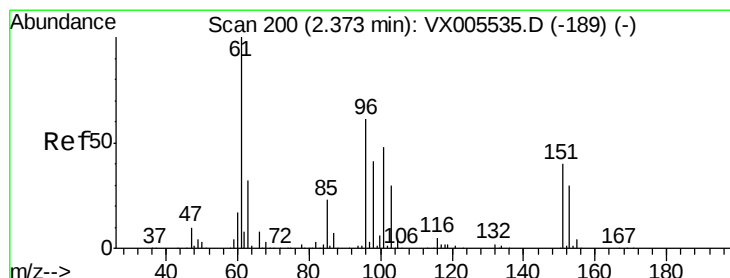
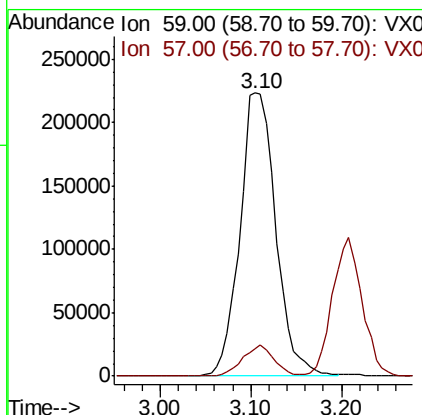
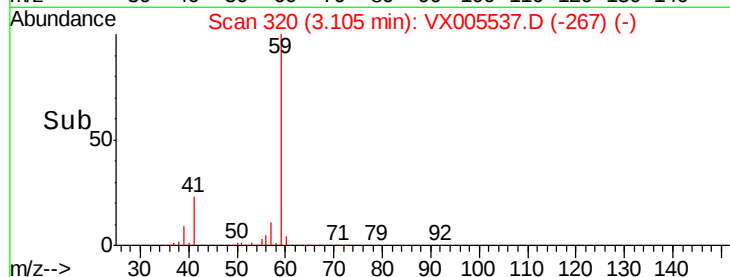
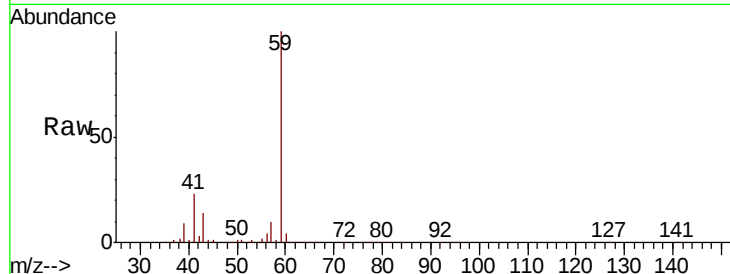




#11
Tert butyl alcohol
Concen: 779.579 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

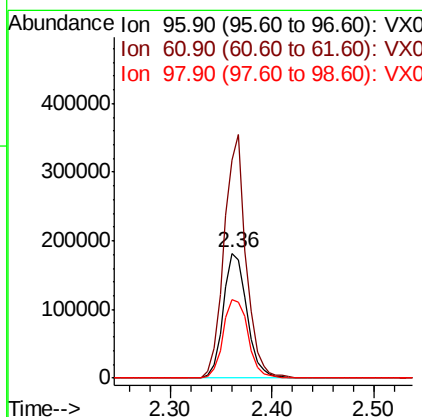
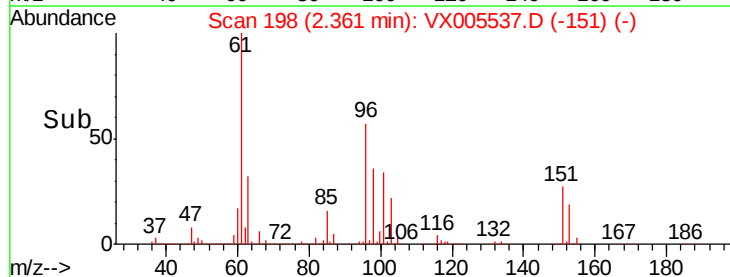
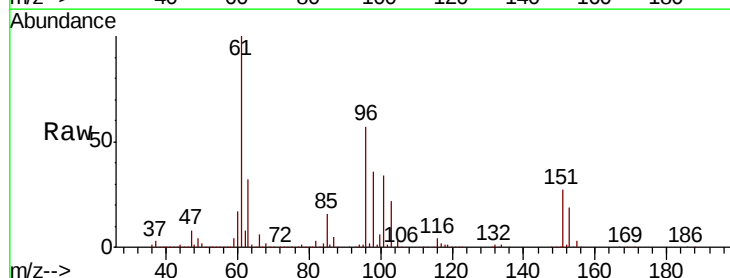
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

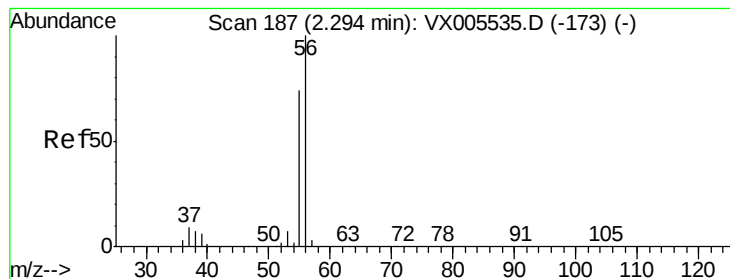
Tgt Ion: 59 Resp: 611892
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 130.277 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 96 Resp: 292210
Ion Ratio Lower Upper
96 100
61 174.6 131.8 197.8
98 62.8 53.4 80.2





#13

Acrolein

Concen: 735.659 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

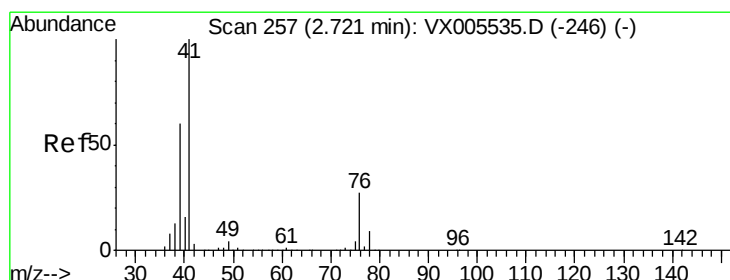
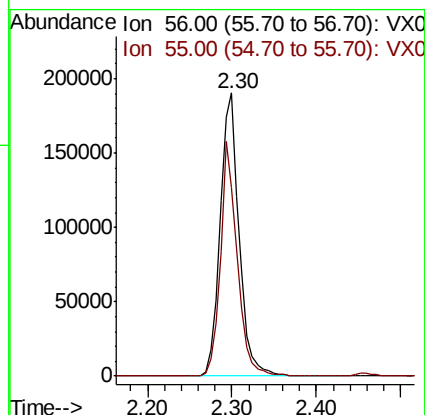
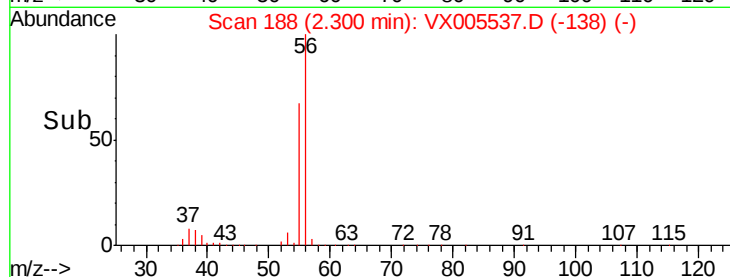
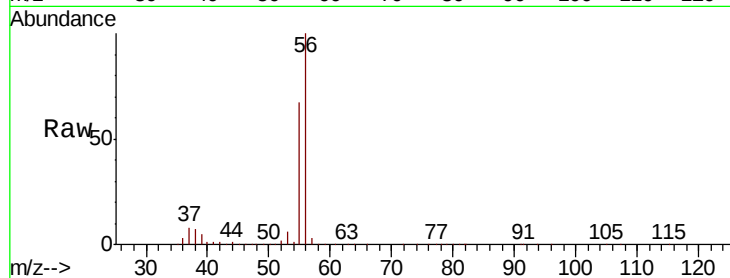
VSTDIC150

Tgt Ion: 56 Resp: 294546

Ion Ratio Lower Upper

56 100

55 72.9 57.3 85.9



#14

Allyl chloride

Concen: 139.706 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

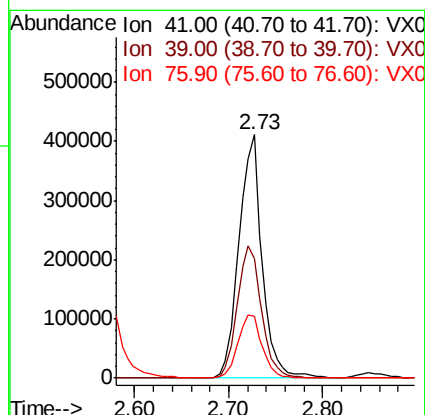
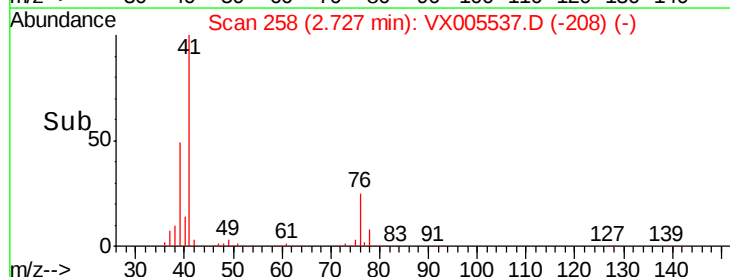
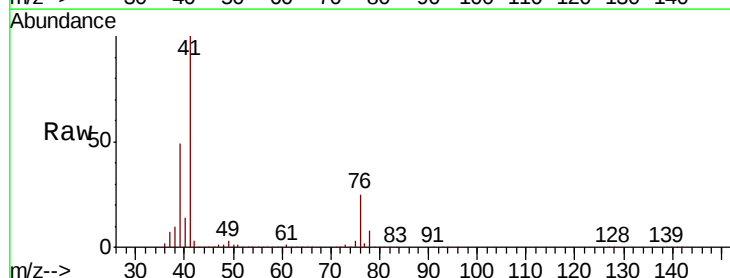
Tgt Ion: 41 Resp: 699350

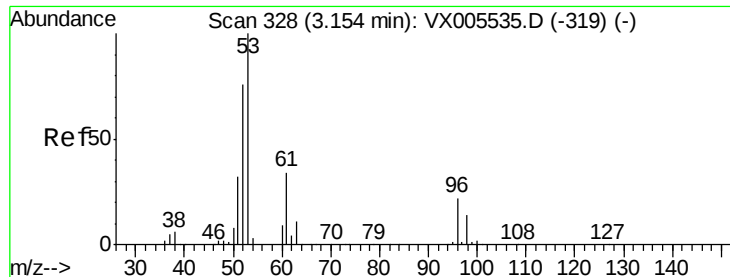
Ion Ratio Lower Upper

41 100

39 56.7 48.2 72.4

76 27.4 21.9 32.9





#15

Acrylonitrile

Concen: 689.348 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

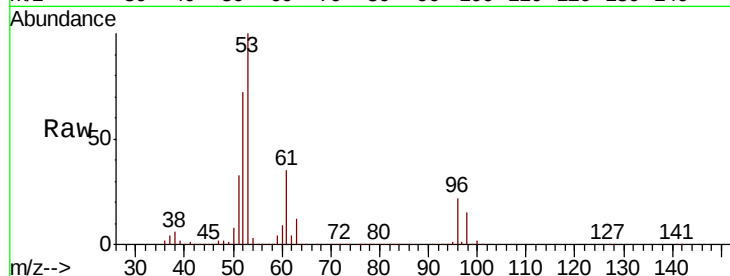
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 1213283

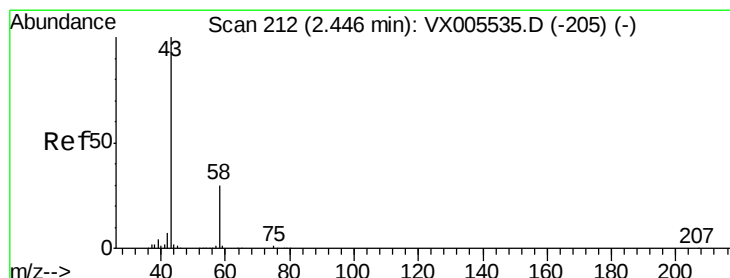
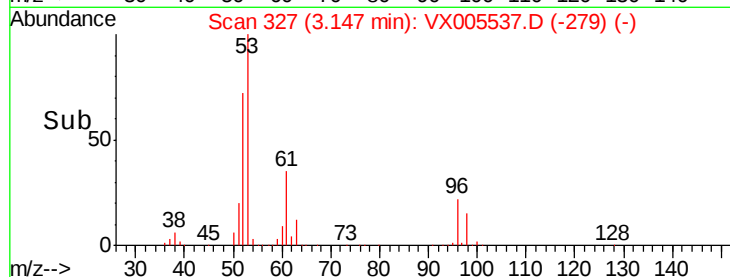
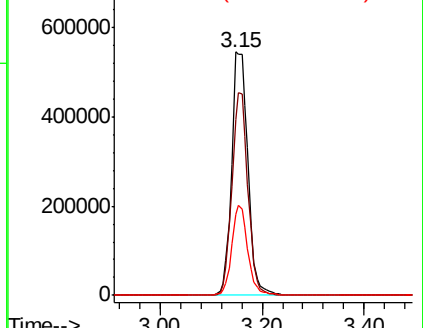
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.6	99.8
51	36.3	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 696.261 ug/l

RT: 2.46 min Scan# 214

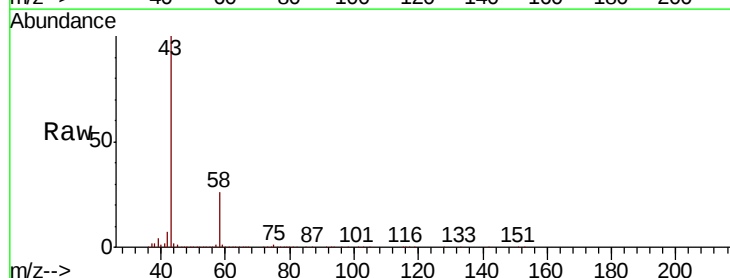
Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

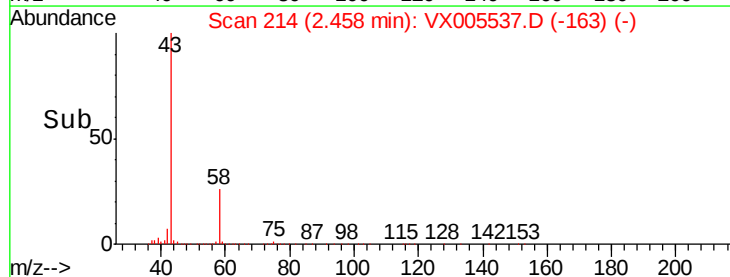
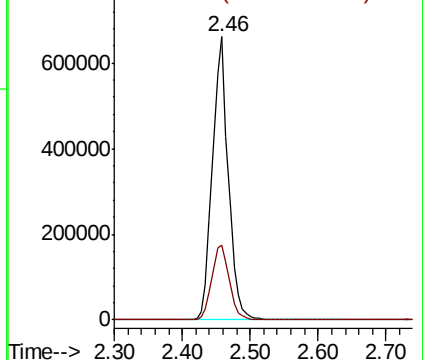
Tgt Ion: 43 Resp: 1073130

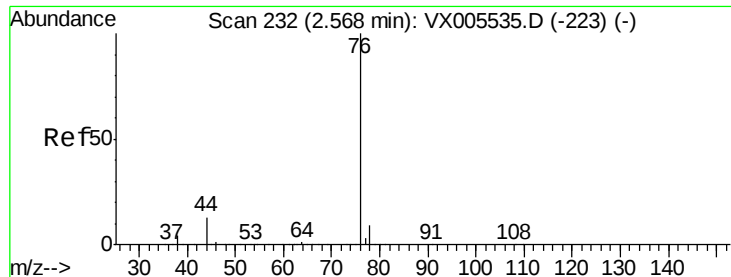
Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 140.106 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

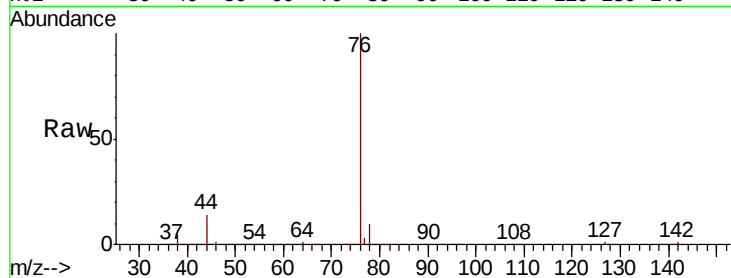
VSTDIC150

Tgt Ion: 76 Resp: 957957

Ion Ratio Lower Upper

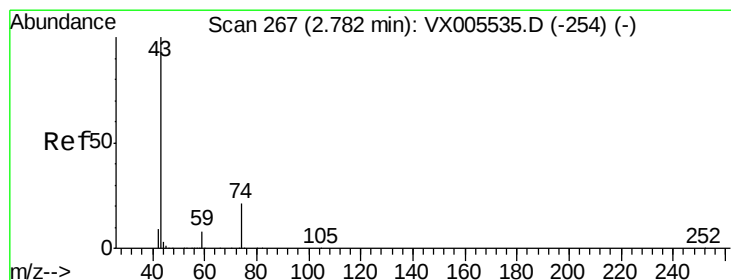
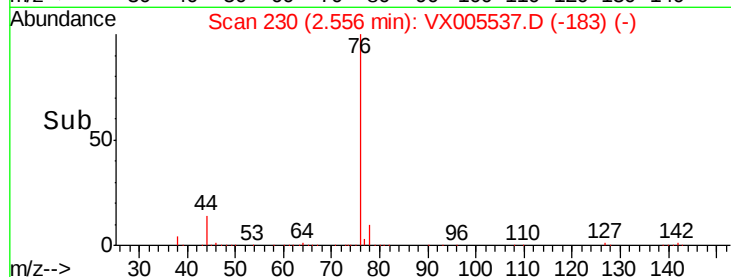
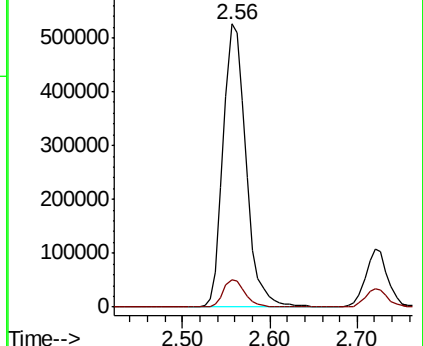
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 130.034 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005537.D

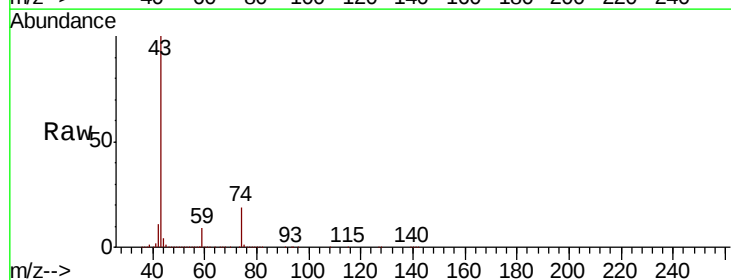
Acq: 24 Oct 2018 12:52

Tgt Ion: 43 Resp: 561438

Ion Ratio Lower Upper

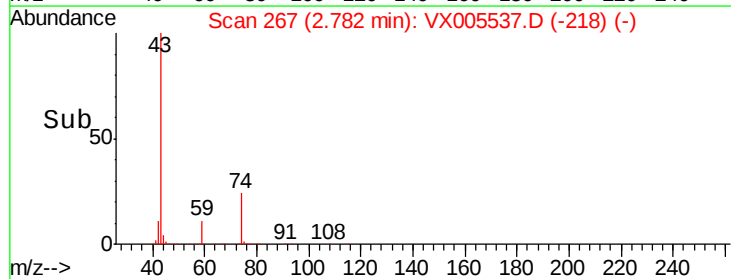
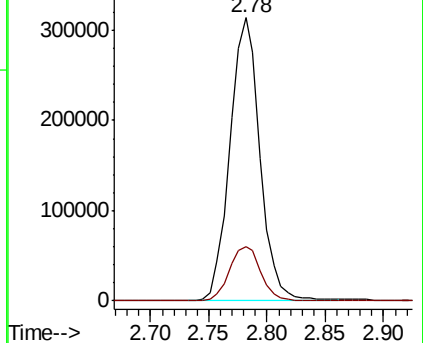
43 100

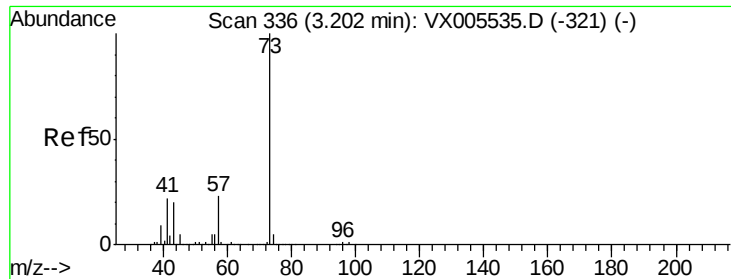
74 20.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



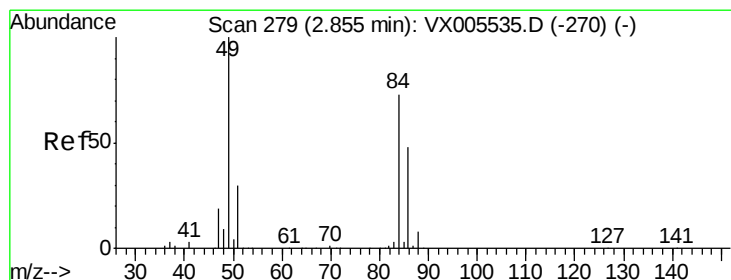
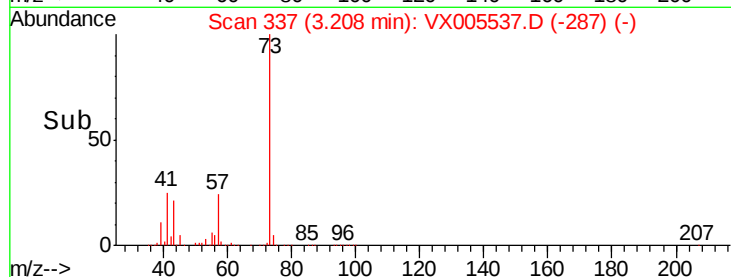
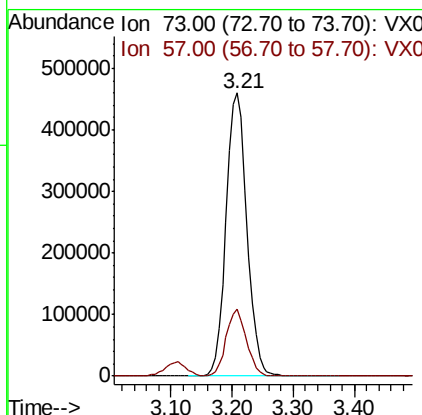
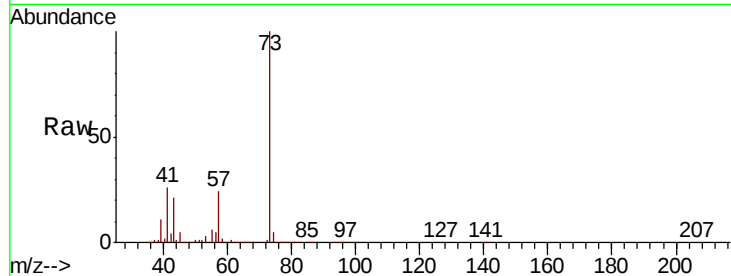


#19

Methyl tert-butyl Ether
 Concen: 135.157 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

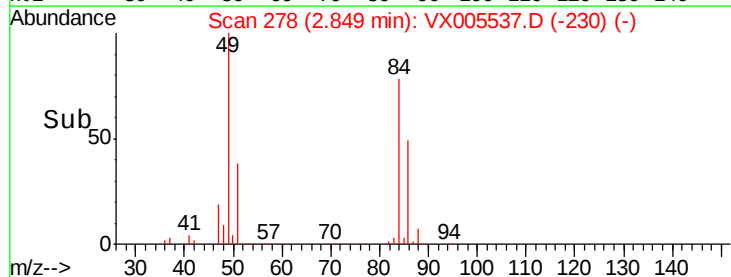
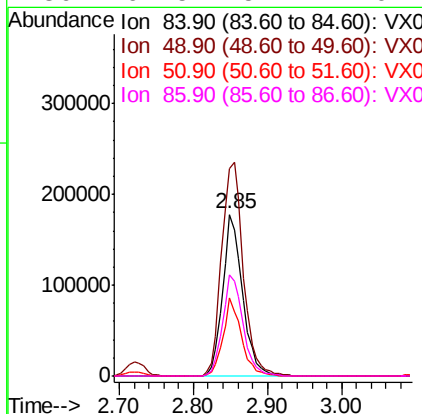
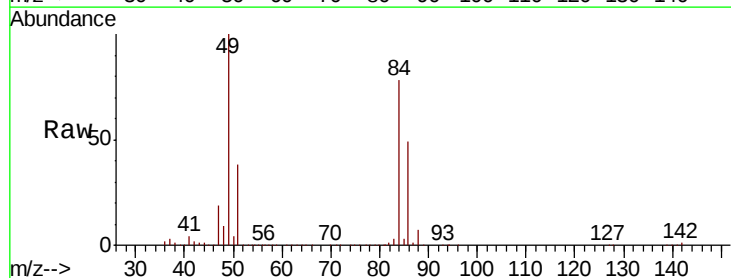
Tgt Ion: 73 Resp: 1081392
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.8 28.2

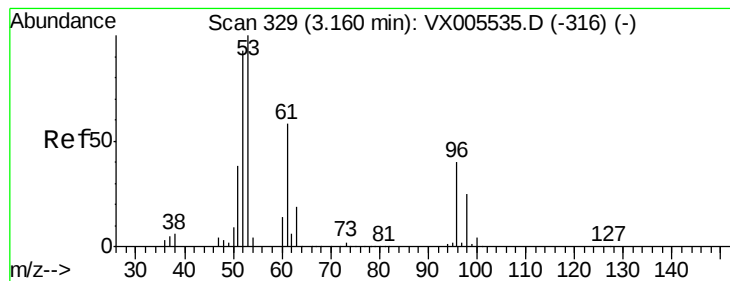


#20

Methylene Chloride
 Concen: 128.640 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 84 Resp: 332068
 Ion Ratio Lower Upper
 84 100
 49 128.6 109.5 164.3
 51 48.3 33.3 49.9
 86 62.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 131.322 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

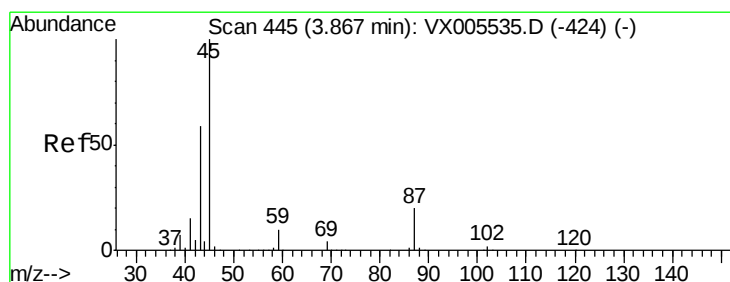
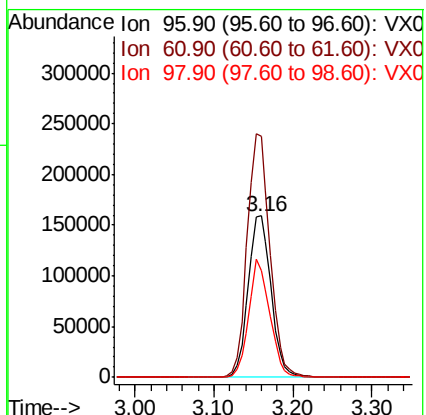
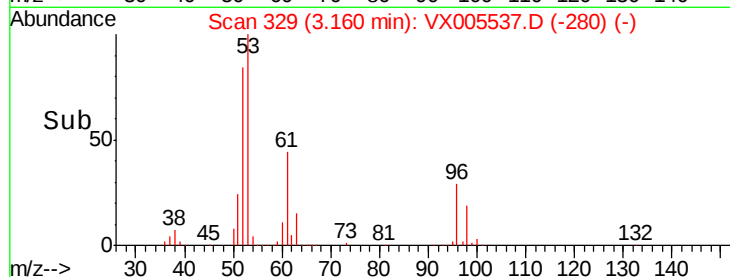
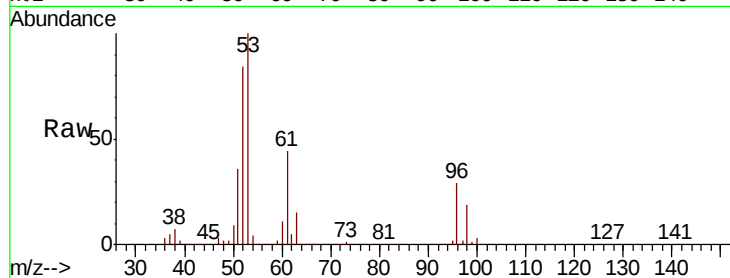
Tgt Ion: 96 Resp: 321608

Ion Ratio Lower Upper

96 100

61 149.6 115.6 173.4

98 66.0 50.2 75.2



#22

Diisopropyl ether

Concen: 142.740 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Tgt Ion: 45 Resp: 1247801

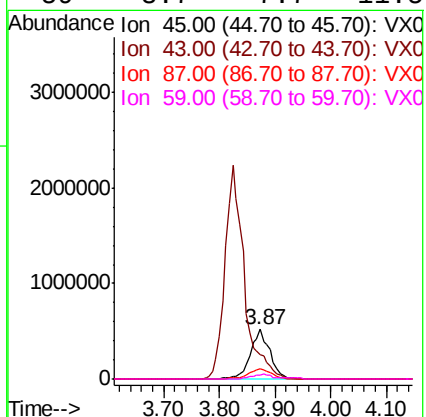
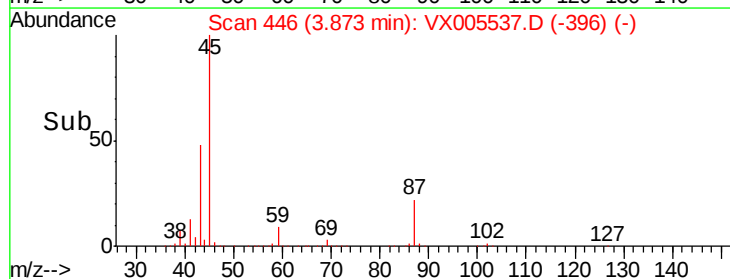
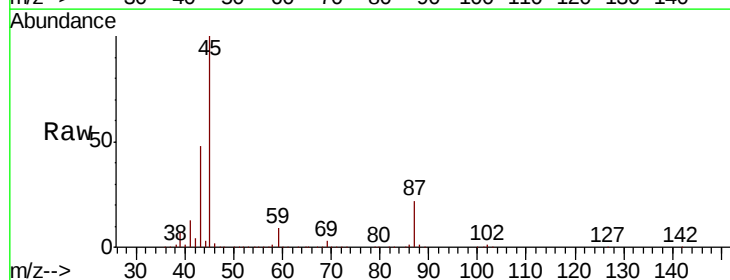
Ion Ratio Lower Upper

45 100

43 47.9 47.4 71.2

87 21.6 15.9 23.9

59 8.7 7.7 11.5





#23

Vinyl Acetate

Concen: 700.853 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

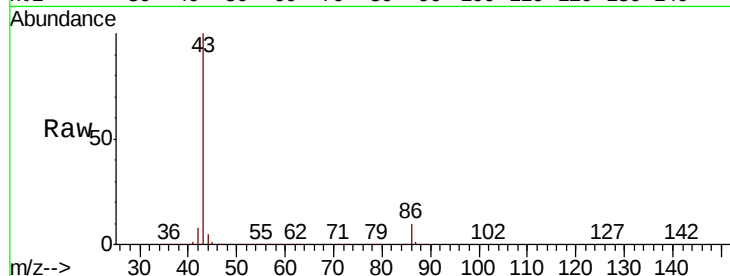
VSTDIC150

Tgt Ion: 43 Resp: 5395808

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

2500000

2000000

1500000

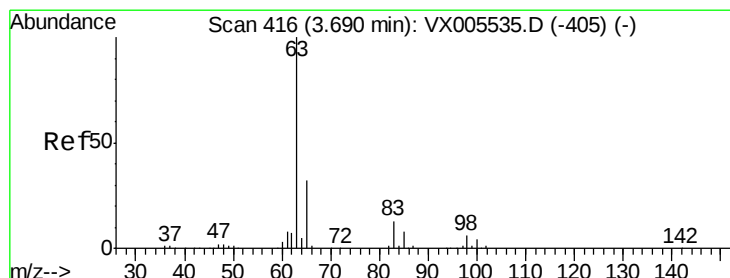
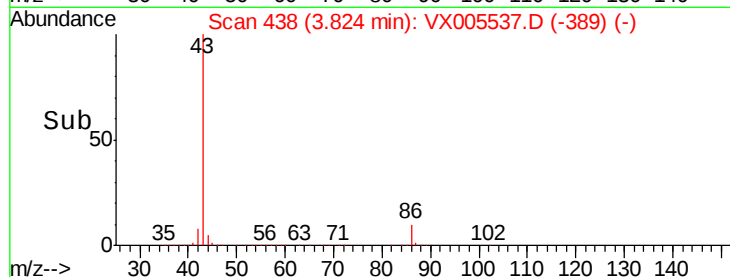
1000000

500000

0

Time-->

3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 138.190 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

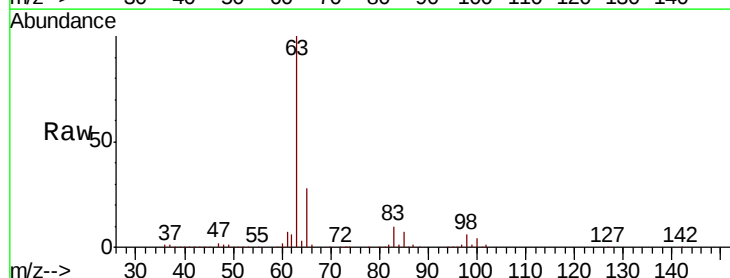
Tgt Ion: 63 Resp: 656781

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.5 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

400000

300000

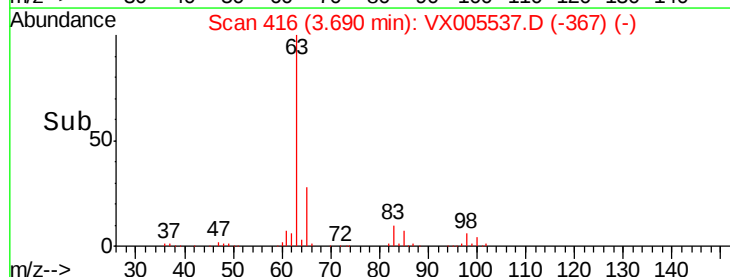
200000

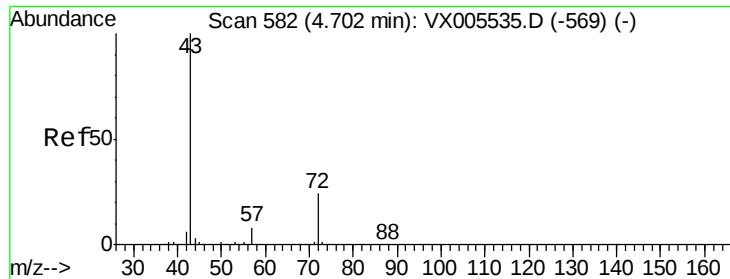
100000

0

Time-->

3.50 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 738.122 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

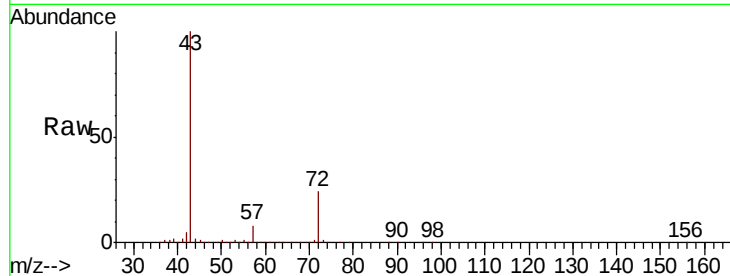
VSTDIC150

Tgt Ion: 43 Resp: 1732408

Ion Ratio Lower Upper

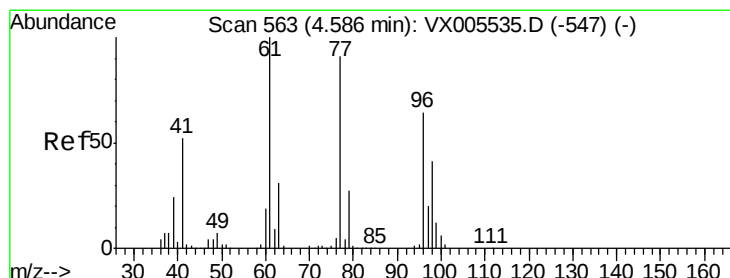
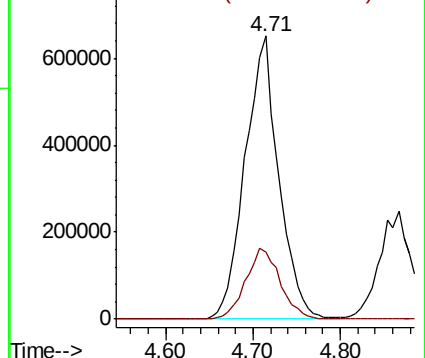
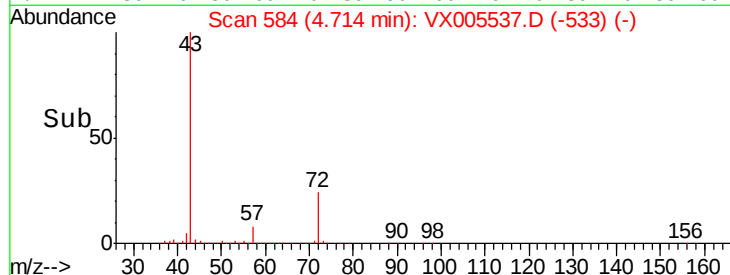
43 100

72 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005537.D (-533) (-)

Ion 72.00 (71.70 to 72.70): VX005537.D (-533) (-)



#26

2,2-Dichloropropane

Concen: 134.706 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005537.D

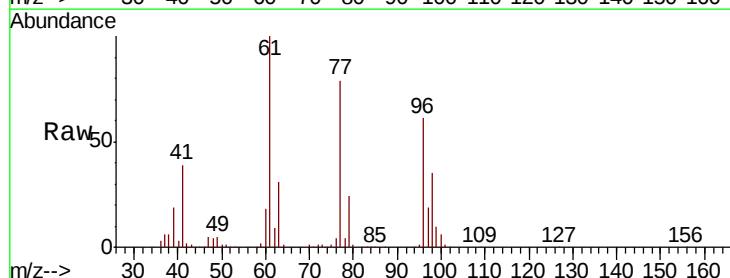
Acq: 24 Oct 2018 12:52

Tgt Ion: 77 Resp: 494277

Ion Ratio Lower Upper

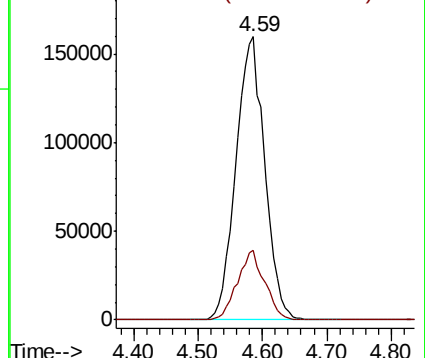
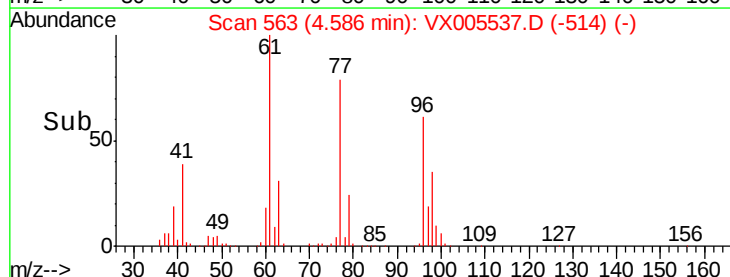
77 100

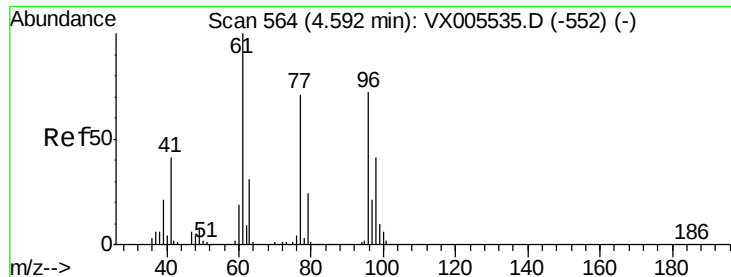
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005537.D (-514) (-)

Ion 96.90 (96.60 to 97.60): VX005537.D (-514) (-)



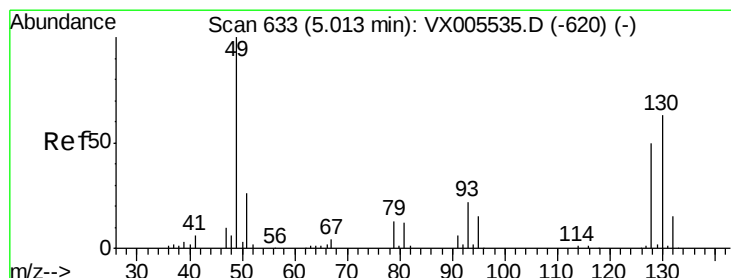
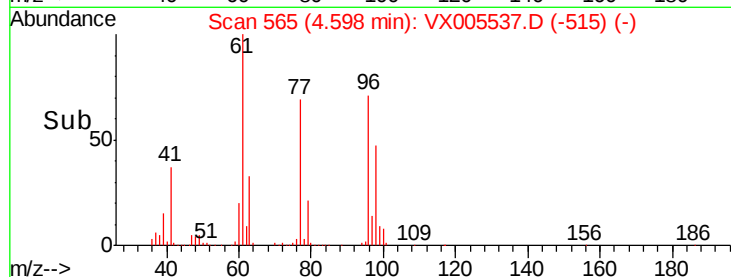
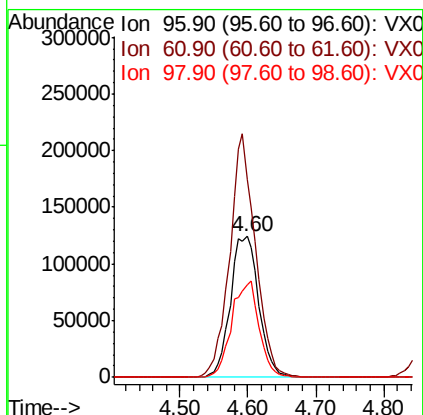
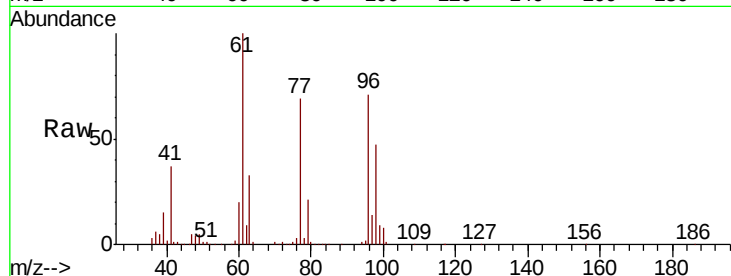


#27

cis-1,2-Dichloroethene
 Concen: 136.357 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

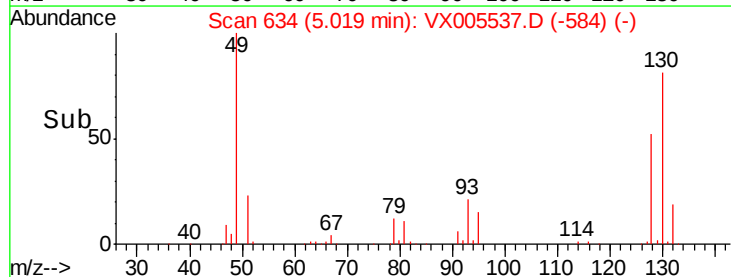
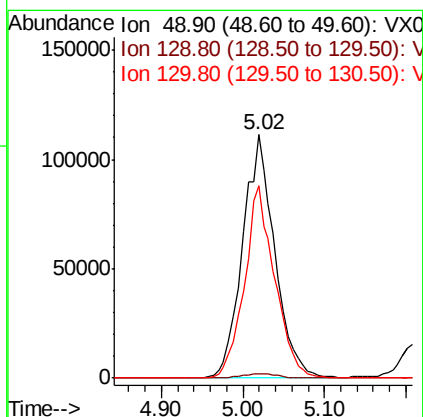
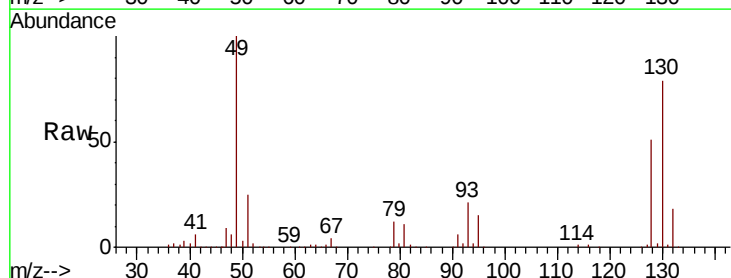
Tgt Ion: 96 Resp: 360011
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 304.6
 98 66.0 0.0 127.4

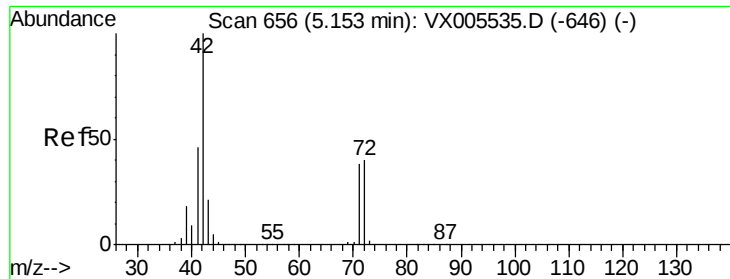


#28

Bromochloromethane
 Concen: 131.858 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 49 Resp: 303103
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 74.6 58.9 88.3

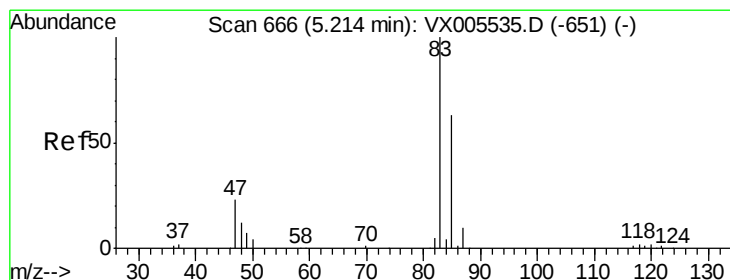
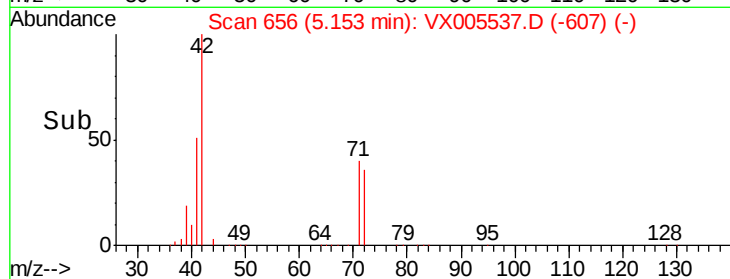
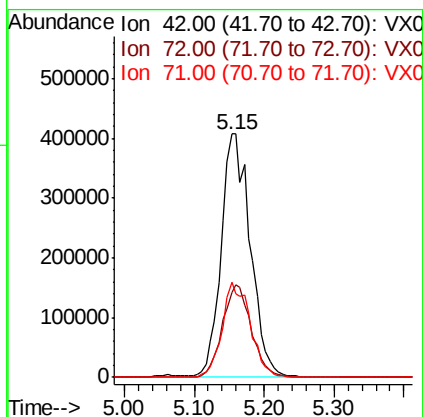
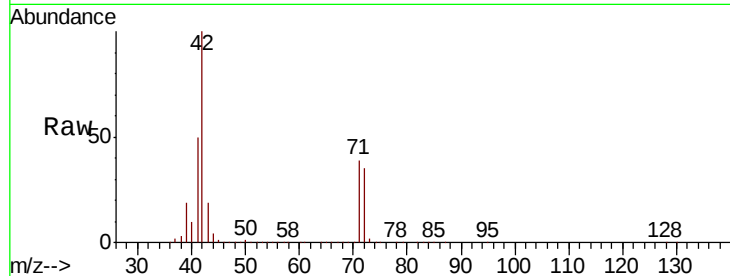




#29
Tetrahydrofuran
Concen: 767.714 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

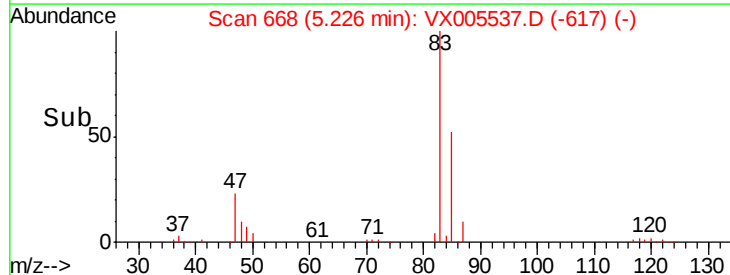
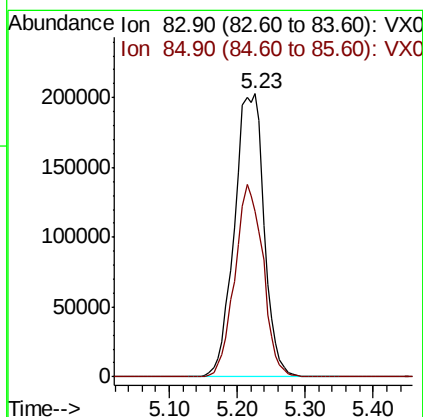
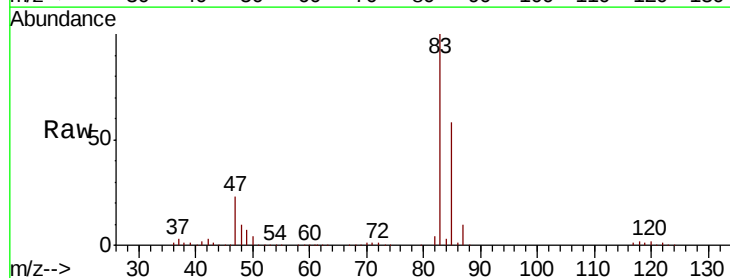
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

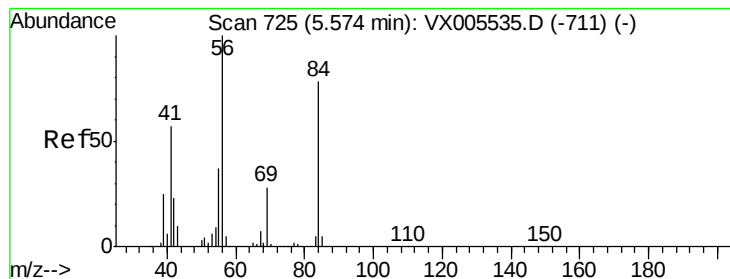
Tgt Ion: 42 Resp: 1172613
Ion Ratio Lower Upper
42 100
72 38.0 32.0 48.0
71 38.0 29.8 44.8



#30
Chloroform
Concen: 138.017 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 83 Resp: 613582
Ion Ratio Lower Upper
83 100
85 58.4 50.6 76.0





#31

Cyclohexane

Concen: 147.126 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

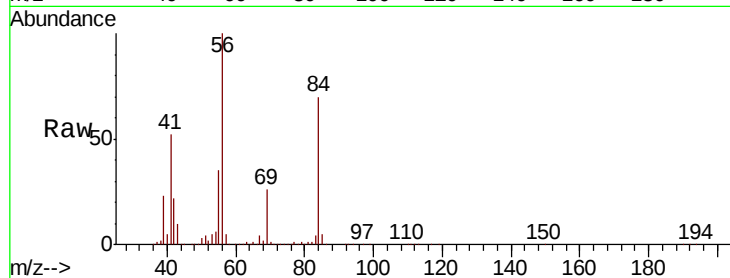
Tgt Ion: 56 Resp: 578552

Ion Ratio Lower Upper

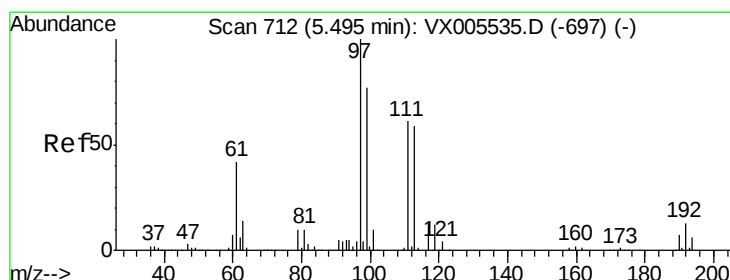
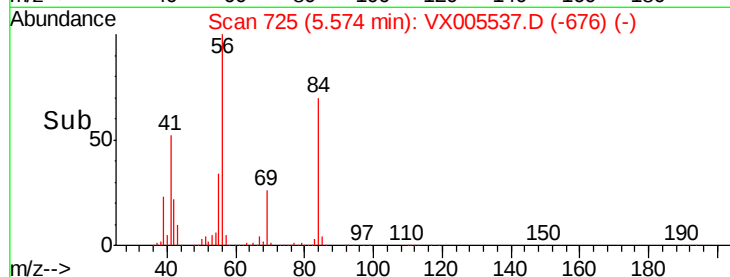
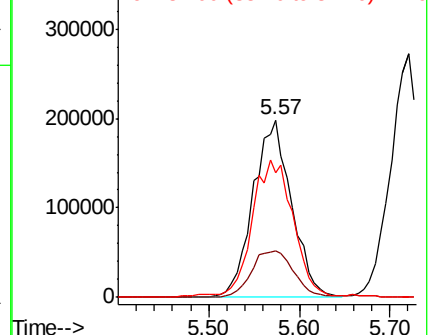
56 100

69 26.1 22.6 34.0

84 69.1 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 141.651 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

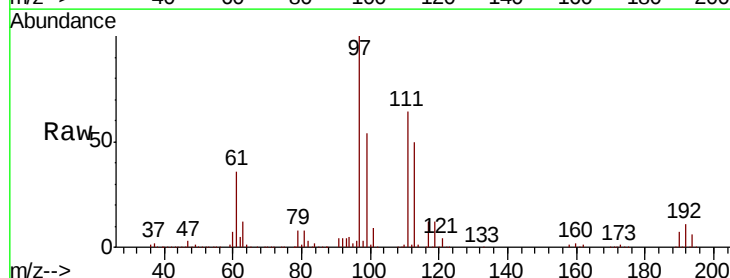
Tgt Ion: 97 Resp: 555813

Ion Ratio Lower Upper

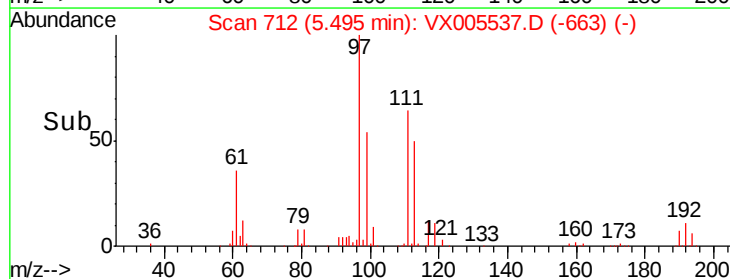
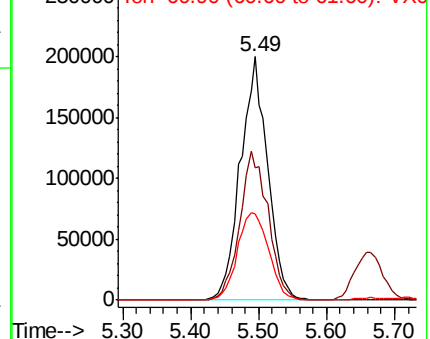
97 100

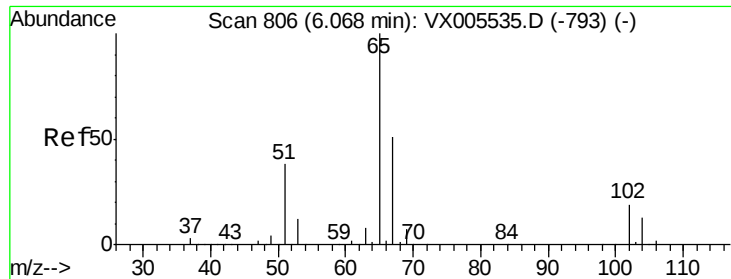
99 63.3 52.3 78.5

61 41.5 35.2 52.8



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

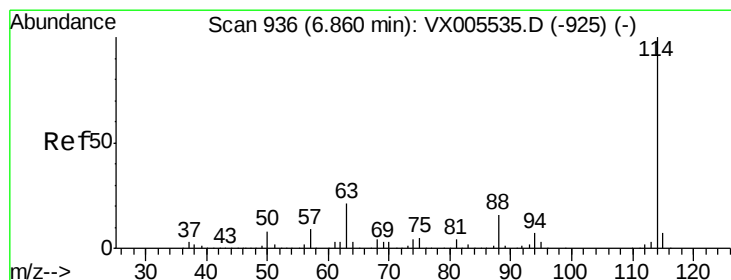
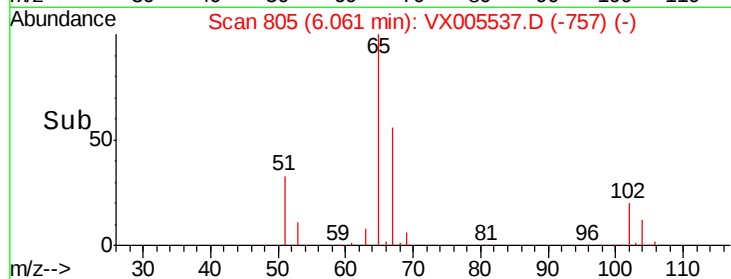
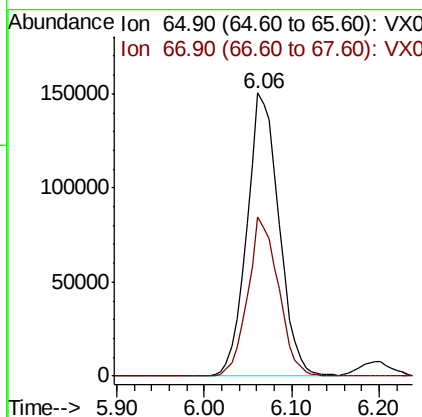
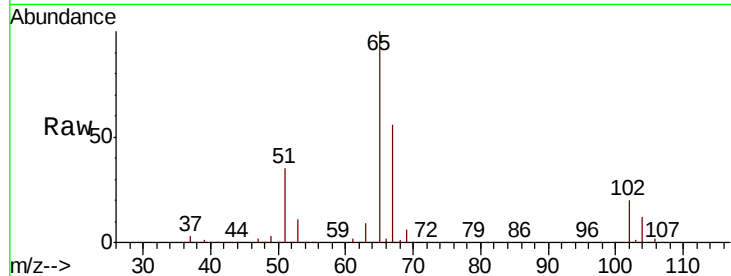




#33
 1,2-Dichloroethane-d4
 Concen: 131.138 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

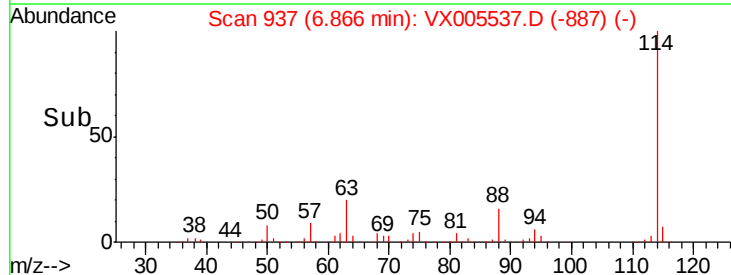
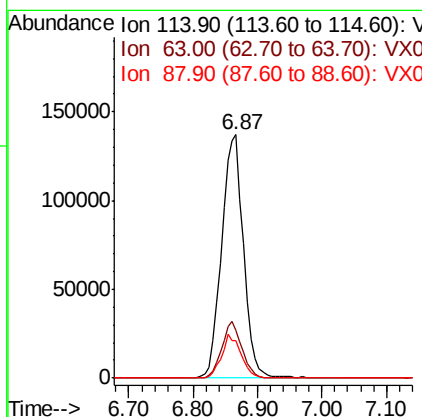
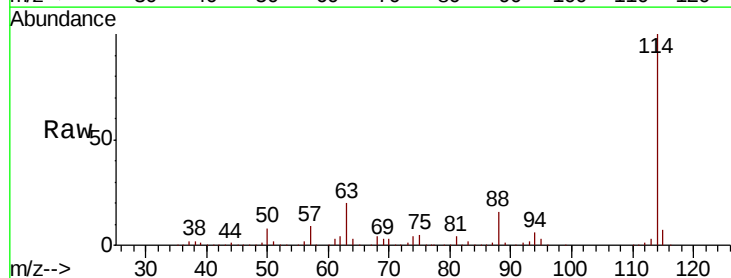
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

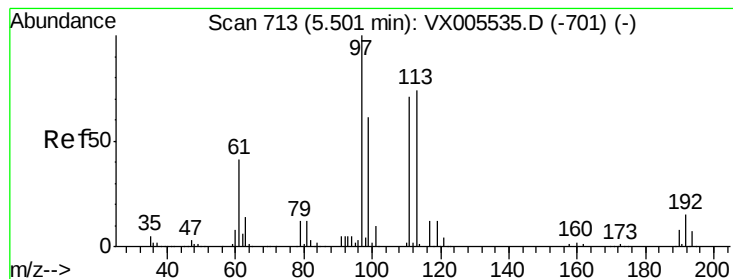
Tgt Ion: 65 Resp: 382502
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 114 Resp: 328978
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 145.908 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

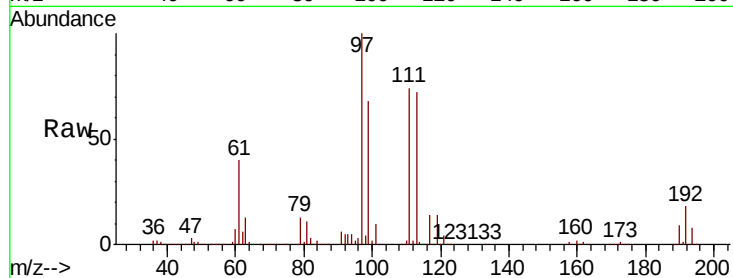
Tgt Ion:113 Resp: 325020

Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

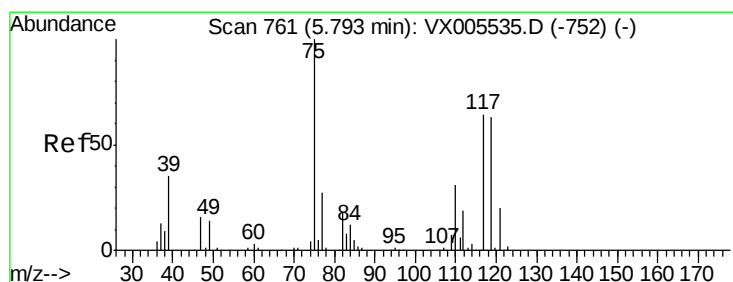
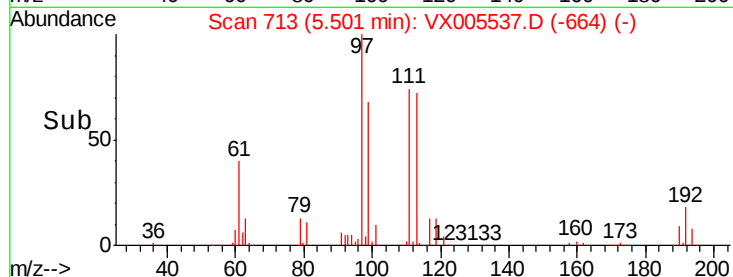
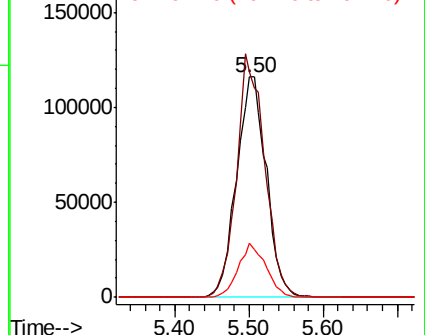
192 22.9 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 145.144 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

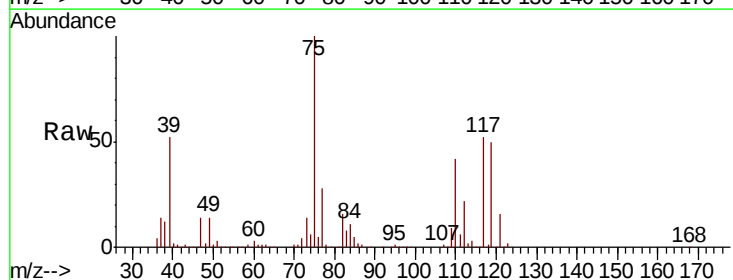
Tgt Ion: 75 Resp: 463386

Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.2

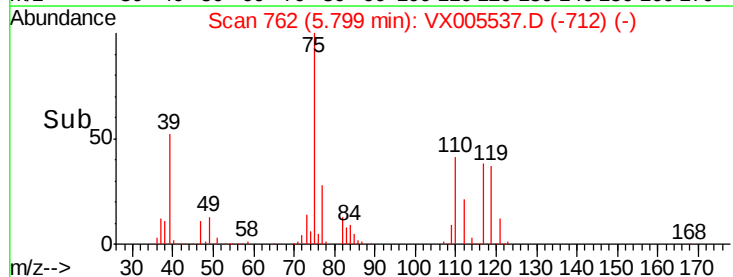
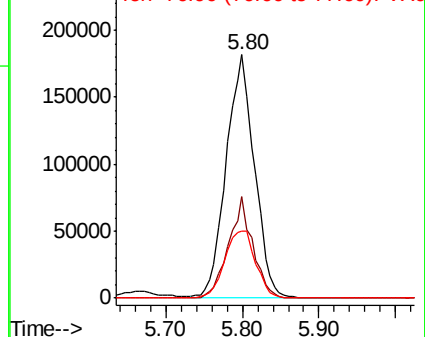
77 30.1 25.8 38.6

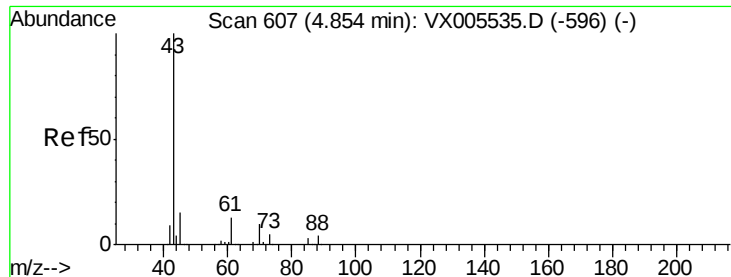


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

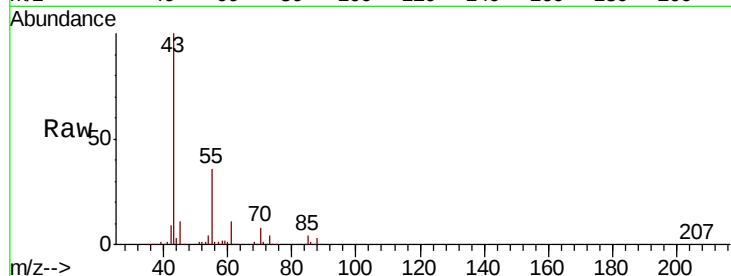




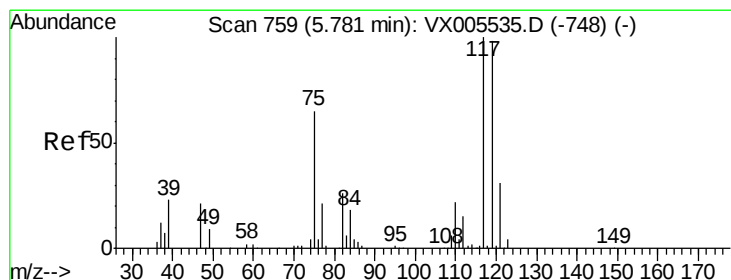
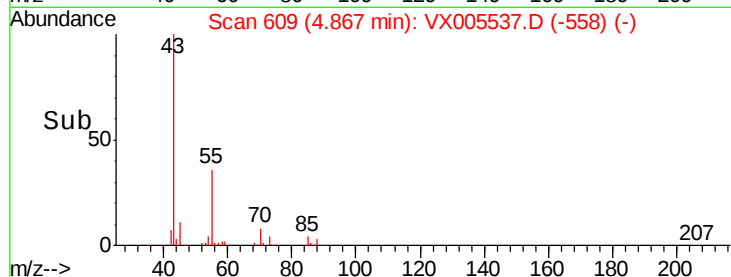
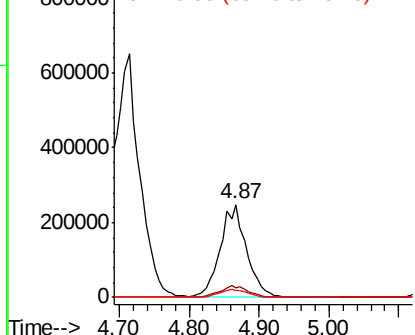
#37
Ethyl Acetate
Concen: 158.177 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 644415
Ion Ratio Lower Upper
43 100
61 12.9 10.8 16.2
70 9.5 7.8 11.8

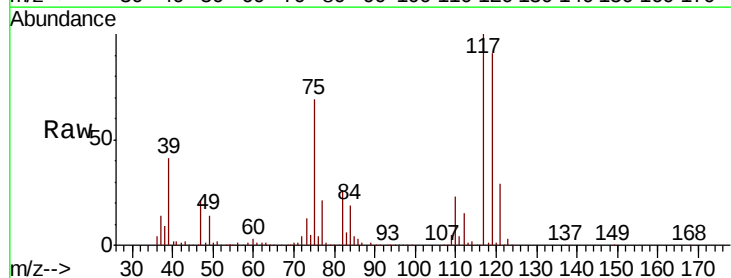


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

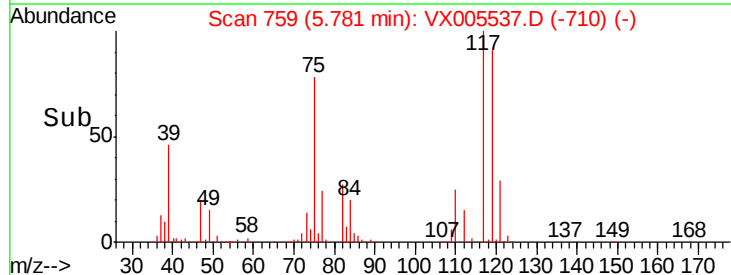
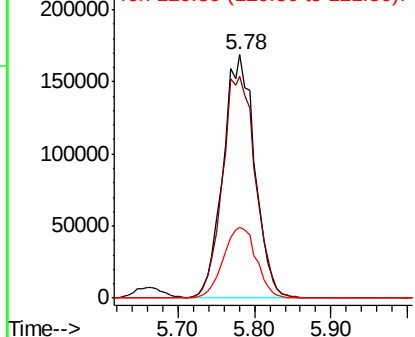


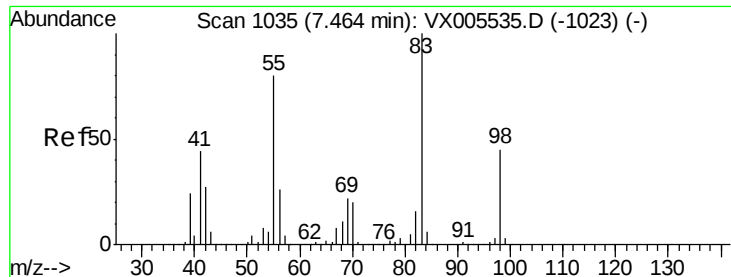
#38
Carbon Tetrachloride
Concen: 143.741 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 117 Resp: 483336
Ion Ratio Lower Upper
117 100
119 91.0 78.1 117.1
121 29.3 24.6 36.8



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

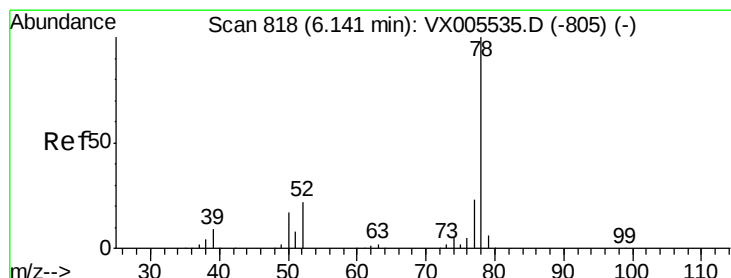
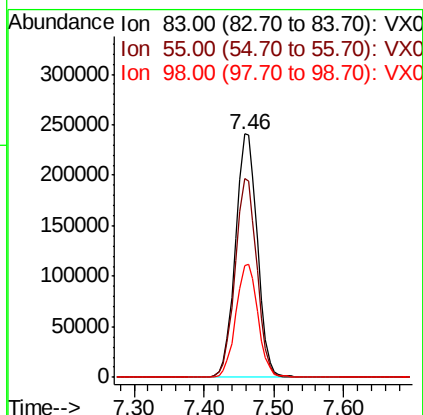
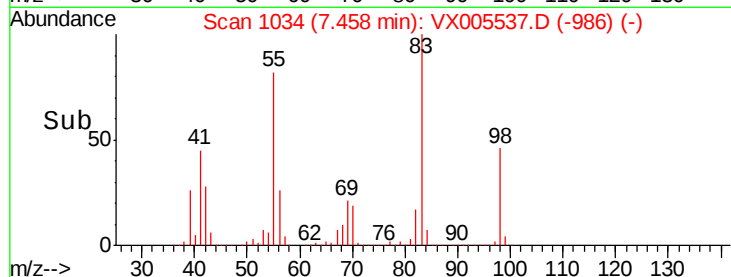
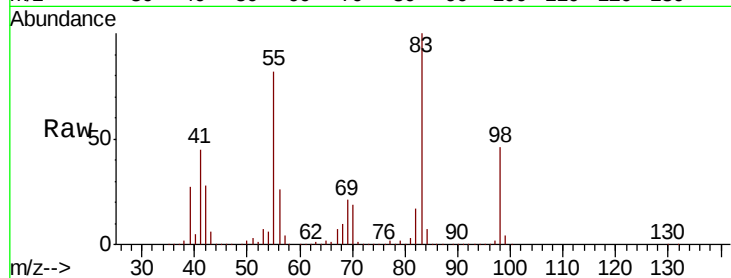




#39
Methylcyclohexane
Concen: 148.657 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

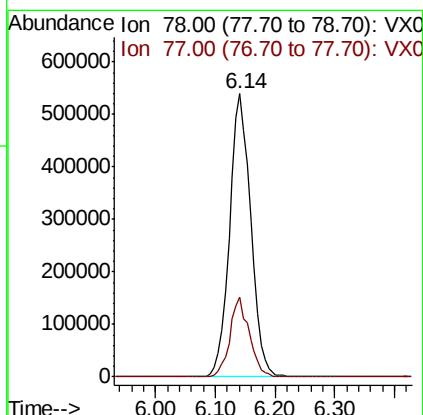
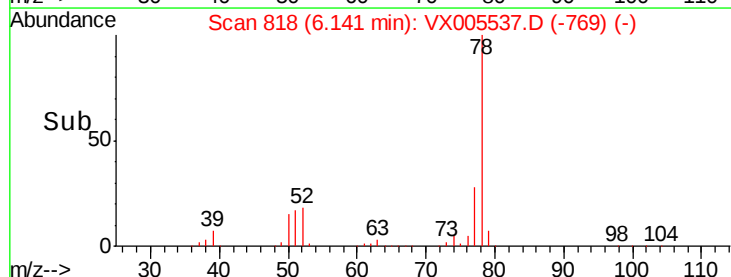
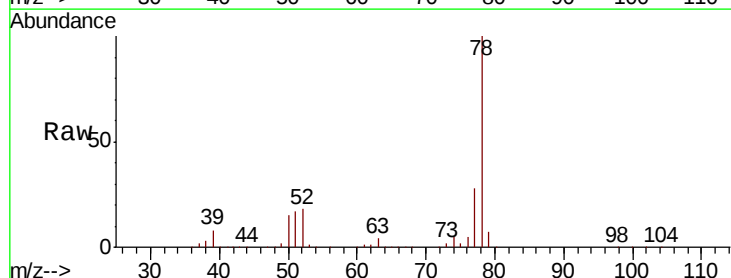
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

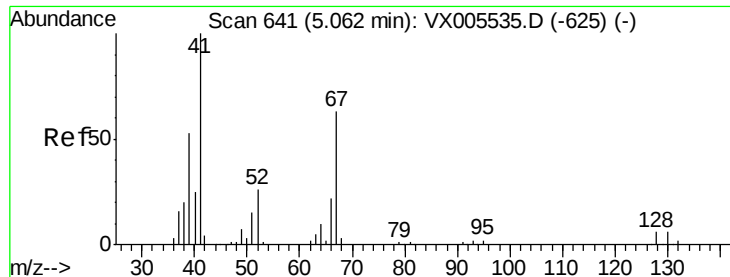
Tgt Ion: 83 Resp: 524068
Ion Ratio Lower Upper
83 100
55 81.5 63.7 95.5
98 46.1 36.2 54.2



#40
Benzene
Concen: 145.540 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 78 Resp: 1331970
Ion Ratio Lower Upper
78 100
77 28.2 18.4 27.6#





#41

Methacrylonitrile

Concen: 155.018 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 351792

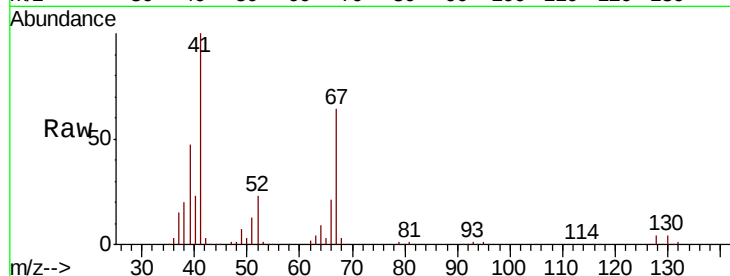
Ion Ratio Lower Upper

41 100

39 51.6 42.2 63.2

67 66.9 53.4 80.0

52 27.2 23.4 35.2

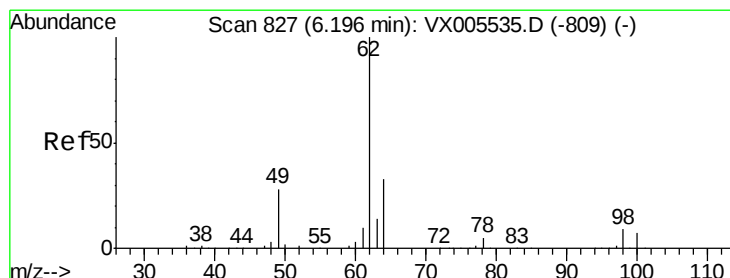
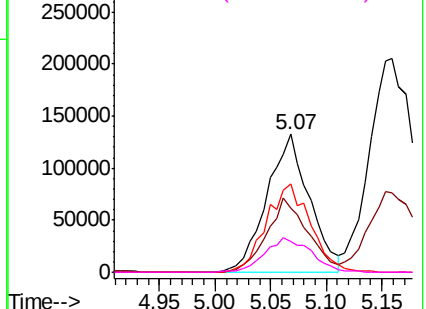
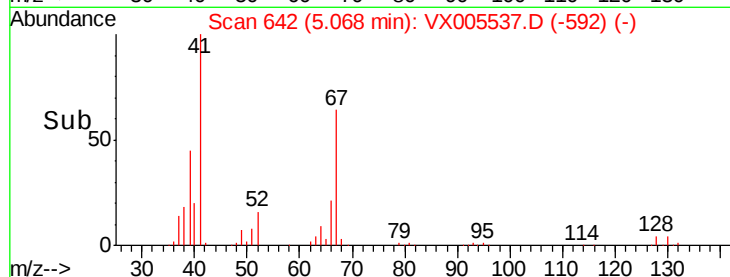


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 141.308 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005537.D

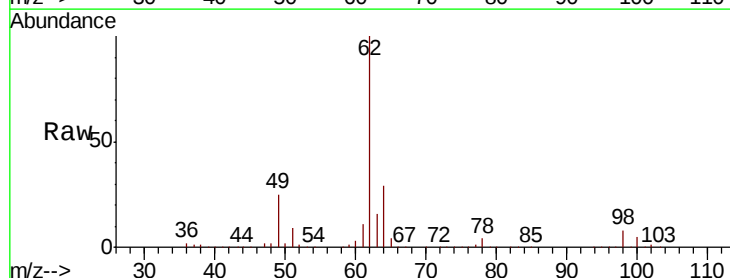
Acq: 24 Oct 2018 12:52

Tgt Ion: 62 Resp: 491285

Ion Ratio Lower Upper

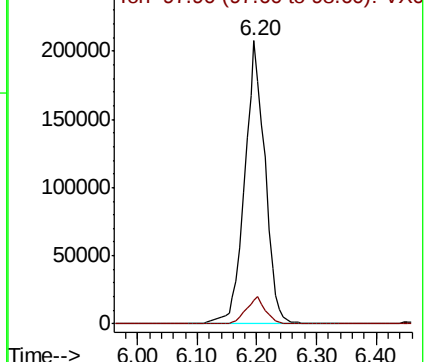
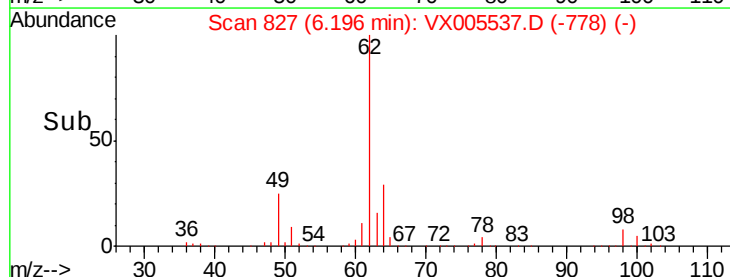
62 100

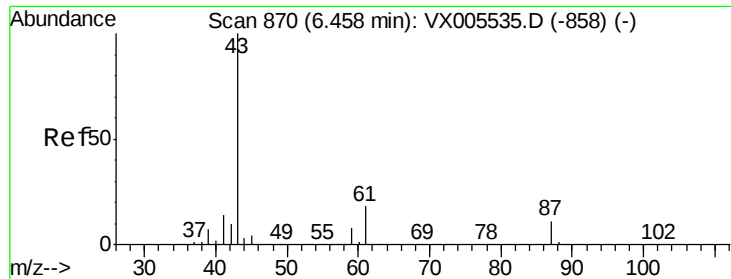
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 164.473 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

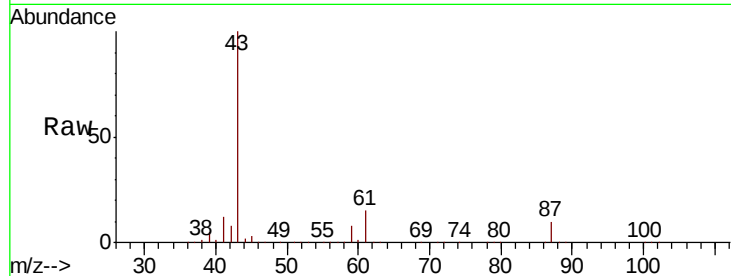
Tgt Ion: 43 Resp: 1004097

Ion Ratio Lower Upper

43 100

61 18.6 14.6 22.0

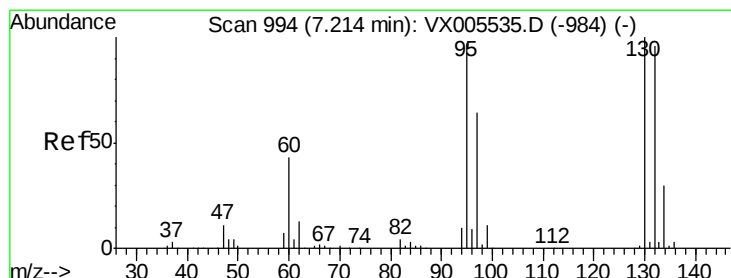
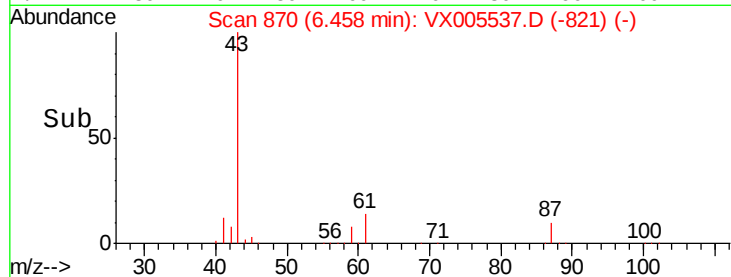
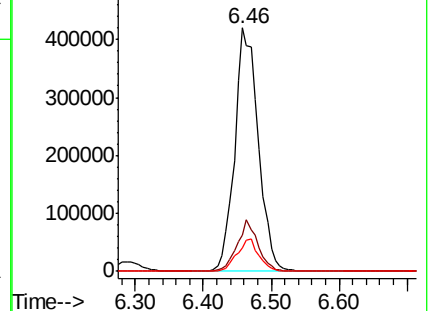
87 12.2 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 141.428 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005537.D

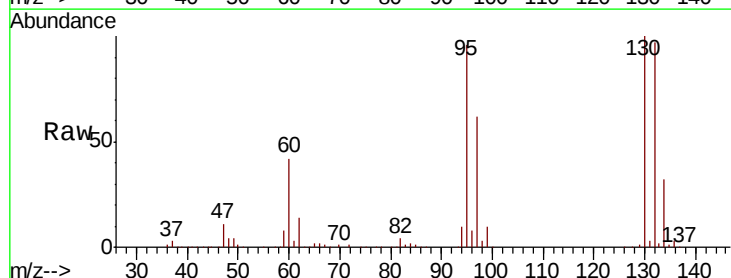
Acq: 24 Oct 2018 12:52

Tgt Ion:130 Resp: 352609

Ion Ratio Lower Upper

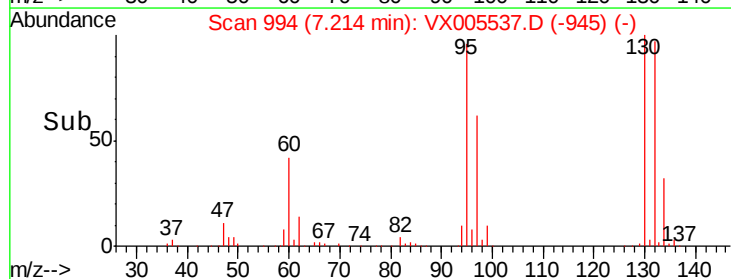
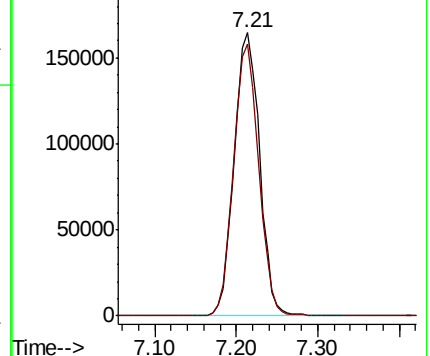
130 100

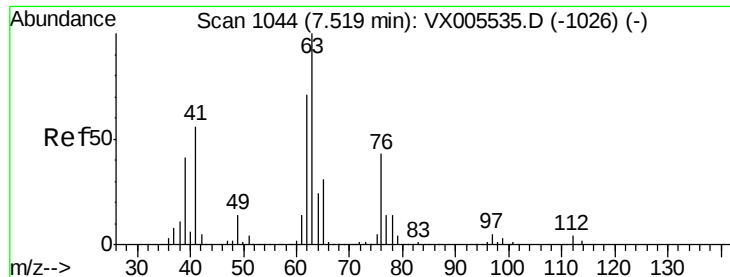
95 96.3 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 140.992 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

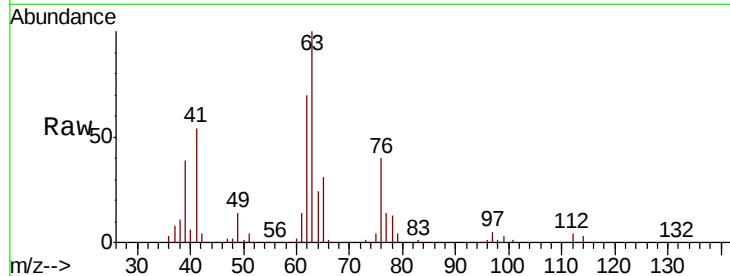
VSTDIC150

Tgt Ion: 63 Resp: 346911

Ion Ratio Lower Upper

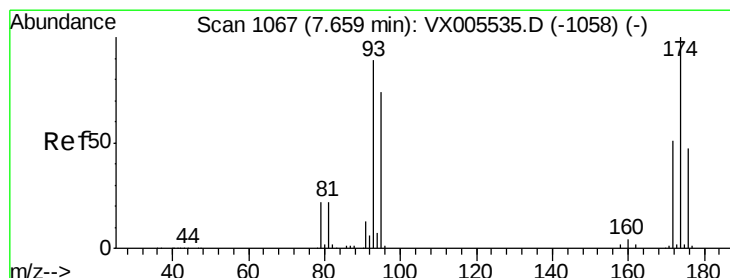
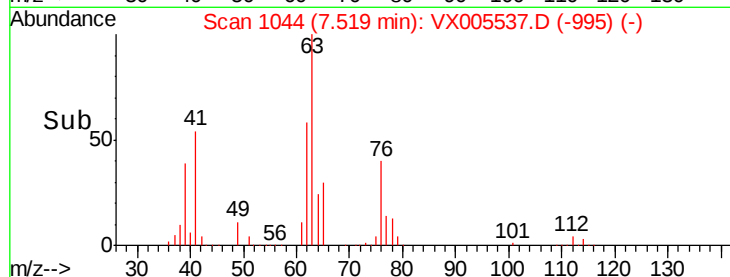
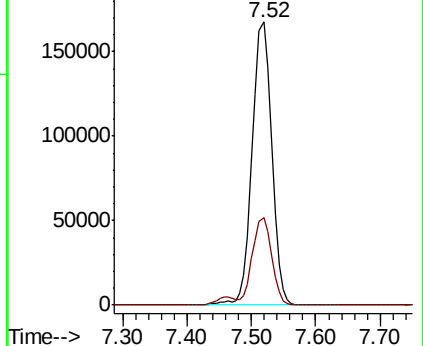
63 100

65 30.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 139.484 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

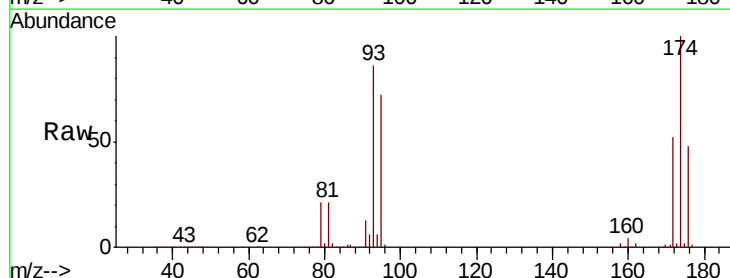
Tgt Ion: 93 Resp: 221662

Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.0

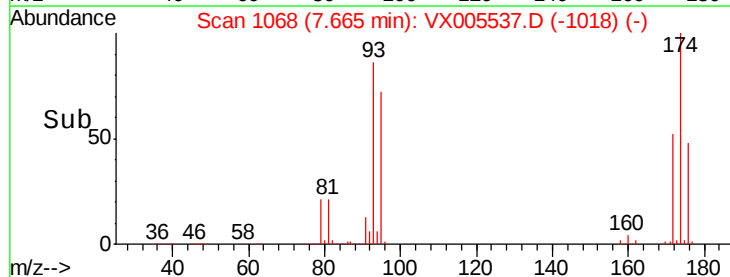
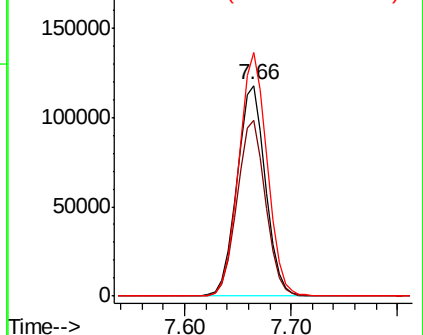
174 115.0 91.5 137.3

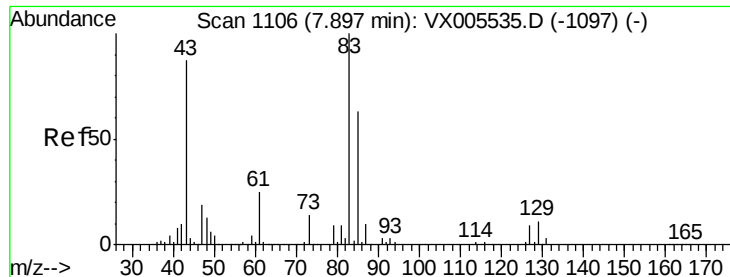


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 149.367 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

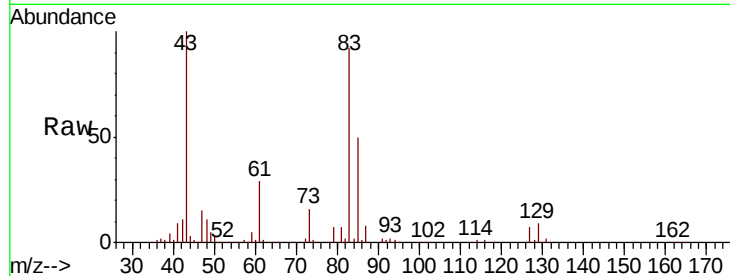
Tgt Ion: 83 Resp: 460696

Ion Ratio Lower Upper

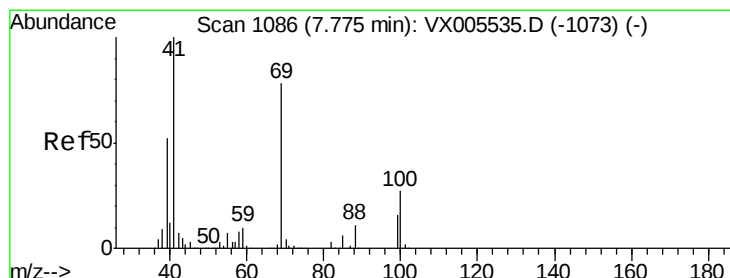
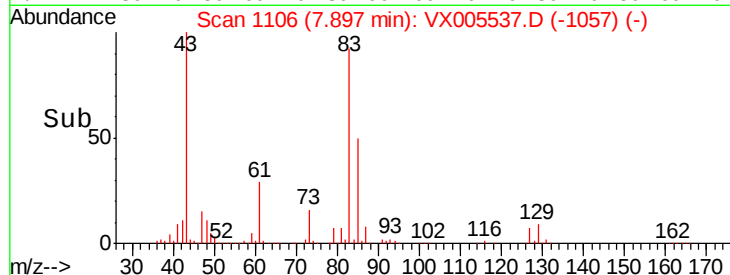
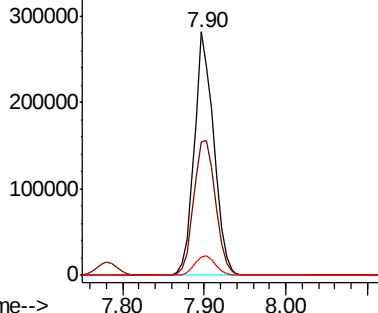
83 100

85 54.7 50.2 75.4

127 7.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 157.086 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

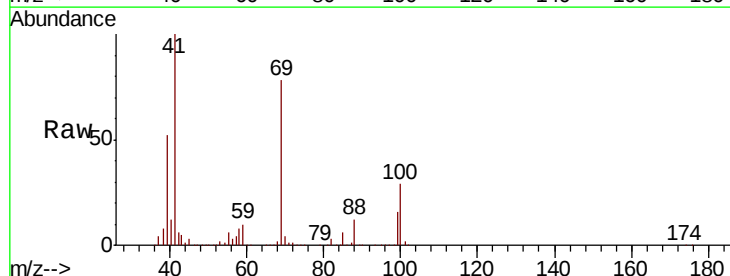
Tgt Ion: 41 Resp: 467189

Ion Ratio Lower Upper

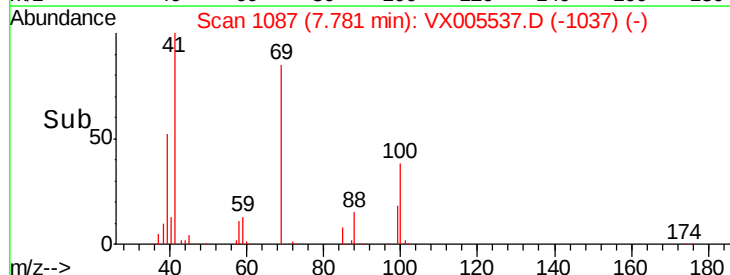
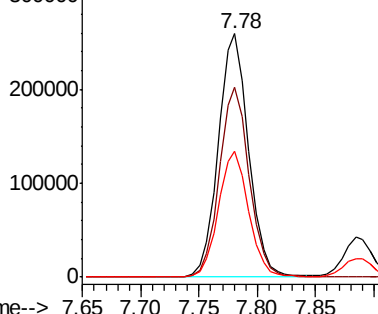
41 100

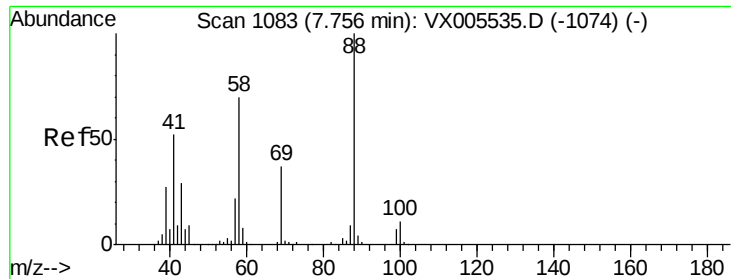
69 77.7 63.2 94.8

39 51.7 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

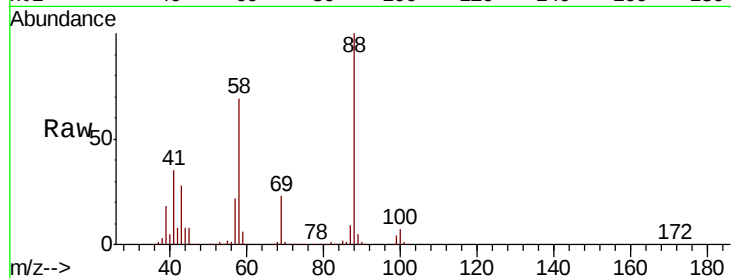




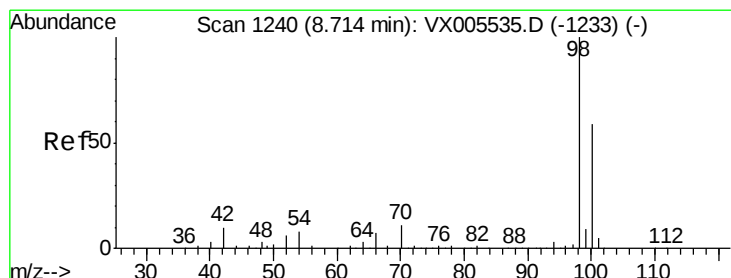
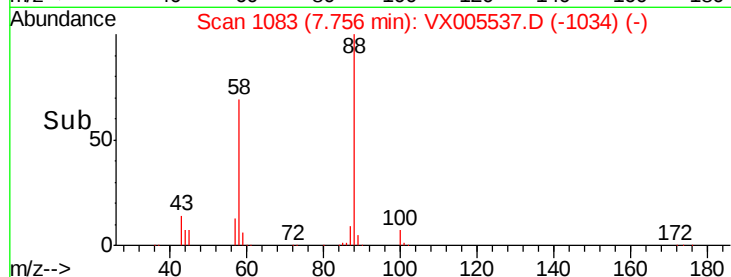
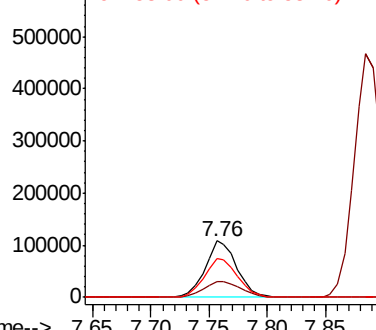
#49
1,4-Dioxane
Concen: 3130.772 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 203482
Ion Ratio Lower Upper
88 100
43 33.1 27.4 41.0
58 73.0 59.4 89.2

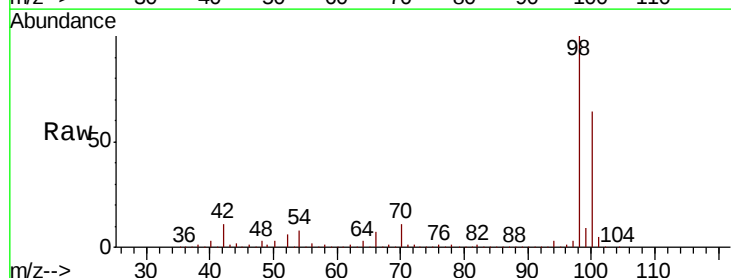


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

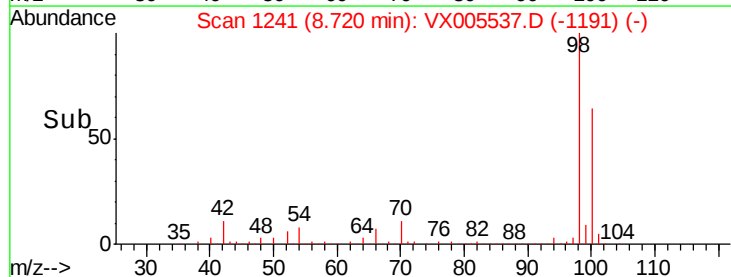
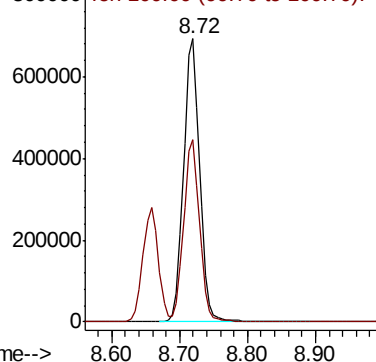


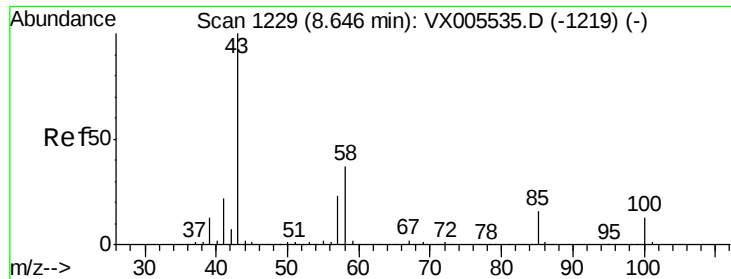
#50
Toluene-d8
Concen: 142.362 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 98 Resp: 1139481
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



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

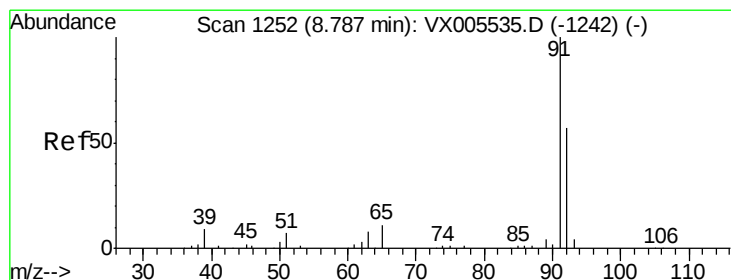
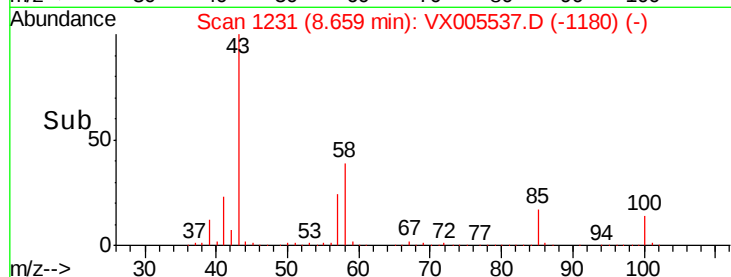
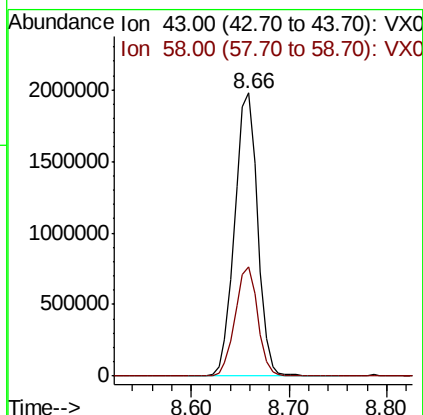
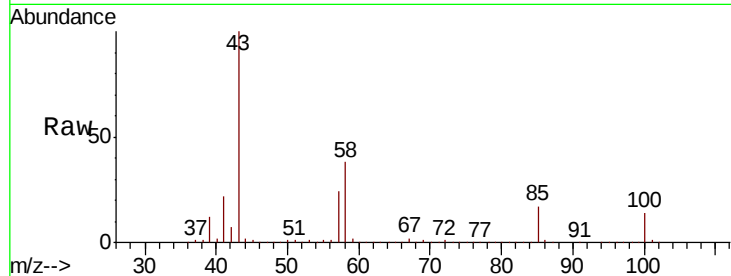




#51
4-Methyl-2-Pentanone
Concen: 786.810 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

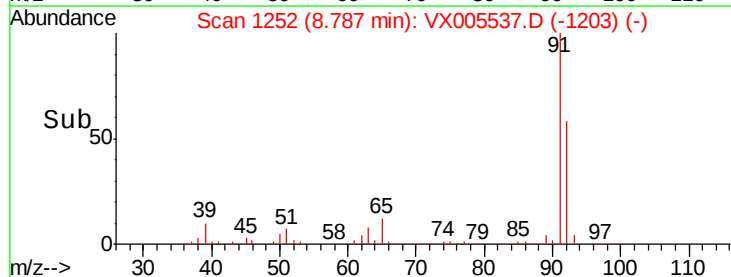
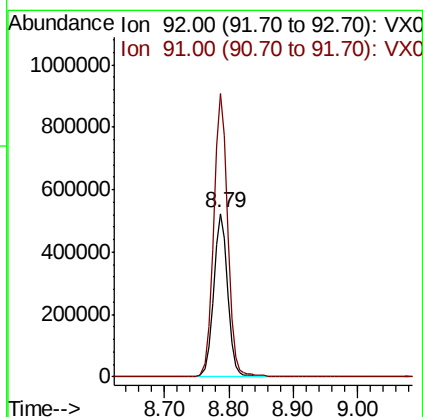
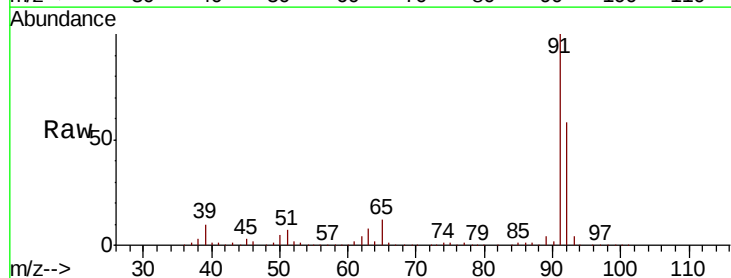
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

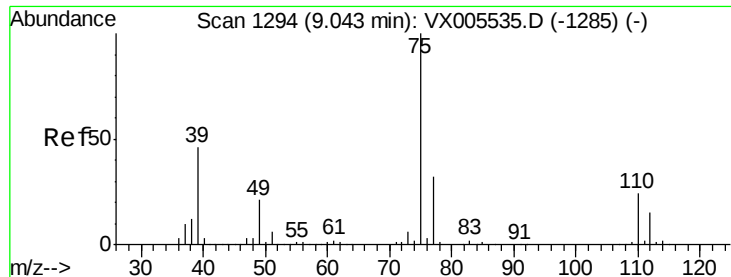
Tgt Ion: 43 Resp: 3228214
Ion Ratio Lower Upper
43 100
58 37.9 29.7 44.5



#52
Toluene
Concen: 144.817 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 92 Resp: 805480
Ion Ratio Lower Upper
92 100
91 173.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 160.943 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

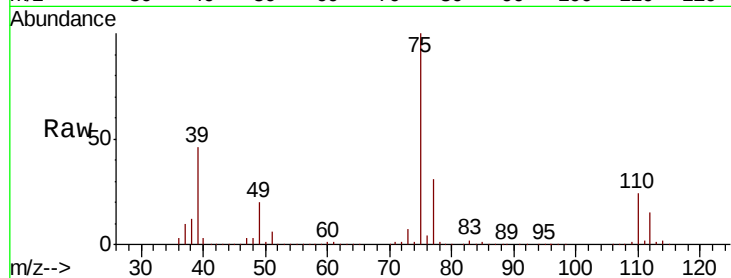
VSTDIC150

Tgt Ion: 75 Resp: 536493

Ion Ratio Lower Upper

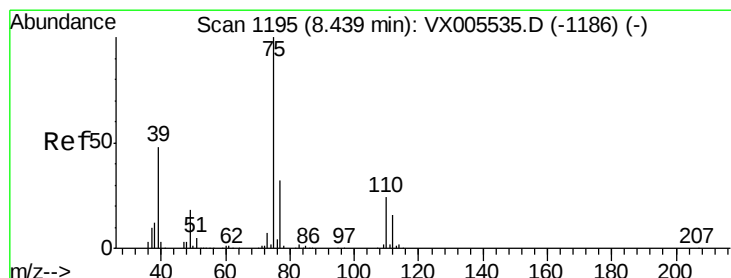
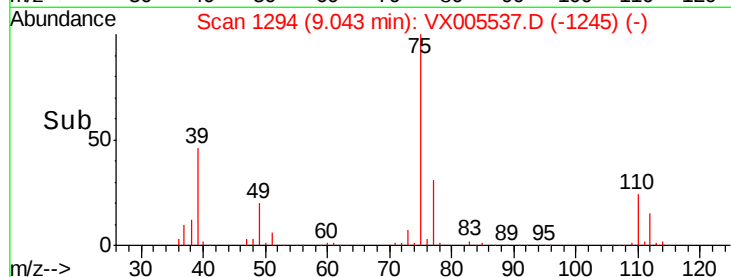
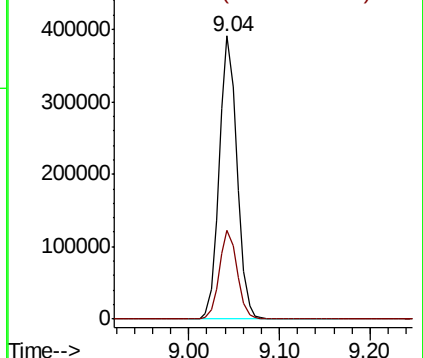
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 153.496 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

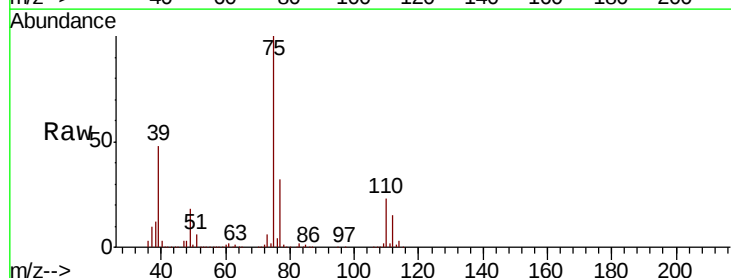
Tgt Ion: 75 Resp: 550883

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

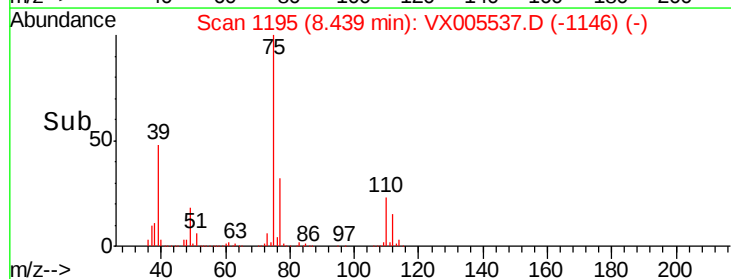
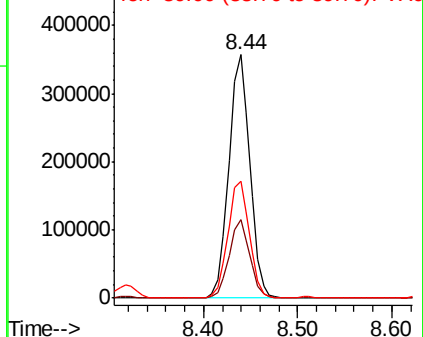
39 47.7 38.2 57.2

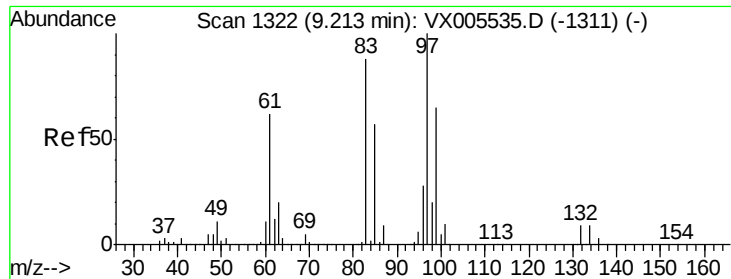


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

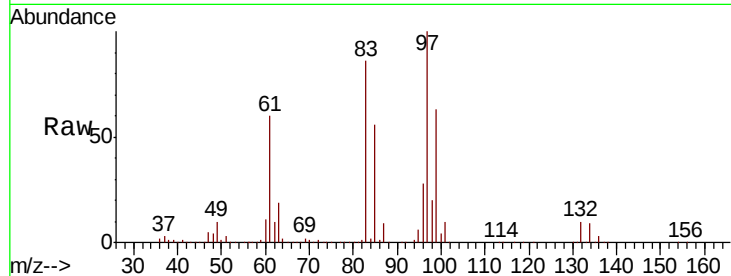




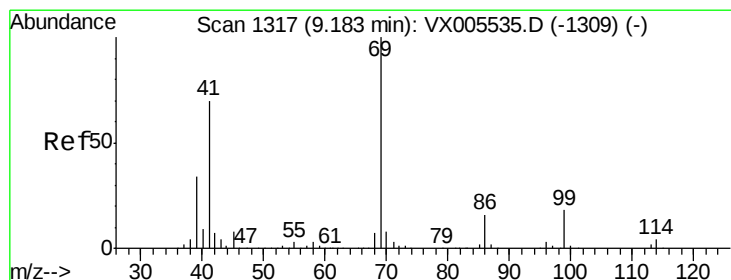
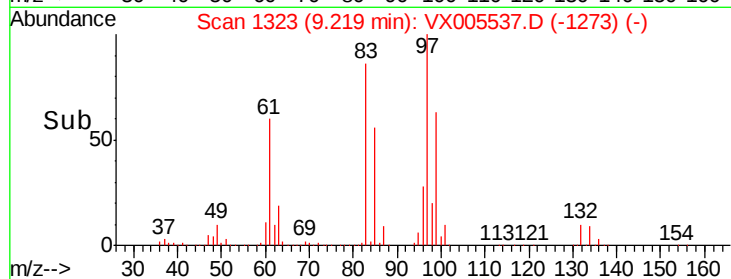
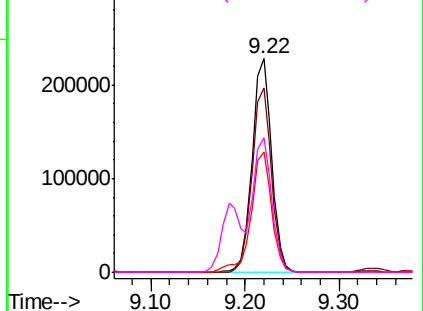
#55
 1,1,2-Trichloroethane
 Concen: 142.304 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 333704
 Ion Ratio Lower Upper
 97 100
 83 86.2 70.7 106.1
 85 56.4 45.8 68.6
 99 63.1 51.8 77.8

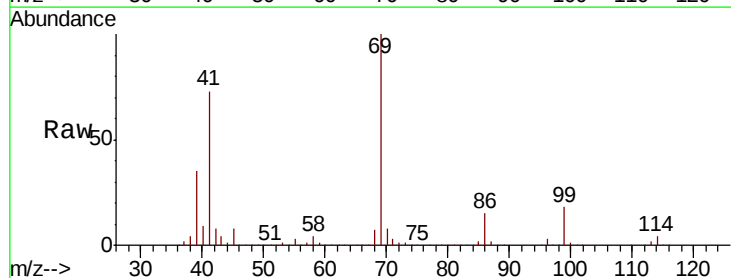


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

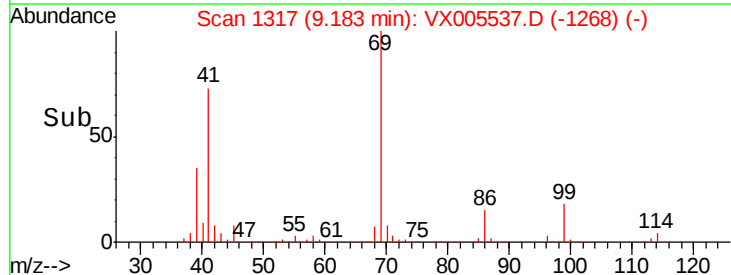
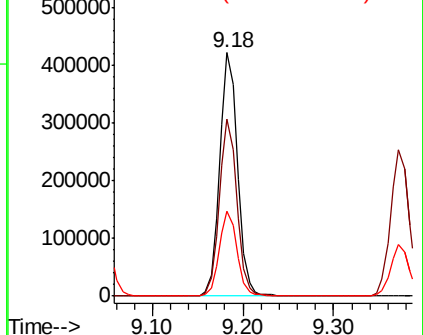


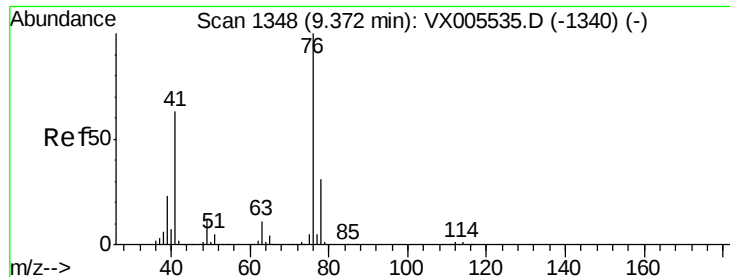
#56
 Ethyl methacrylate
 Concen: 166.168 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 69 Resp: 581219
 Ion Ratio Lower Upper
 69 100
 41 71.7 57.0 85.6
 39 34.7 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

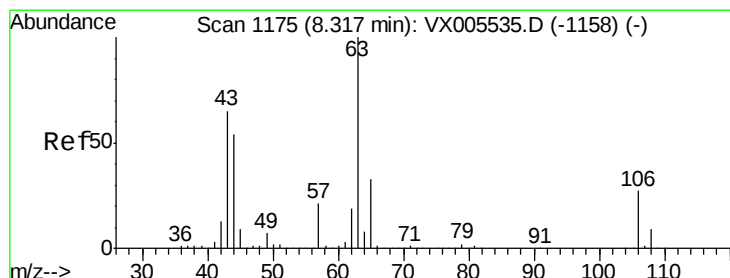
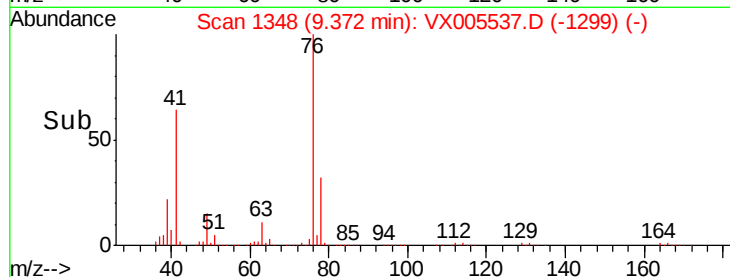
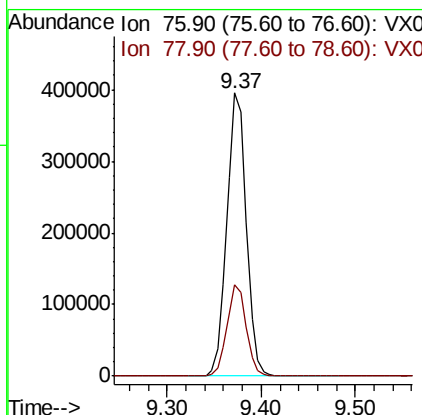
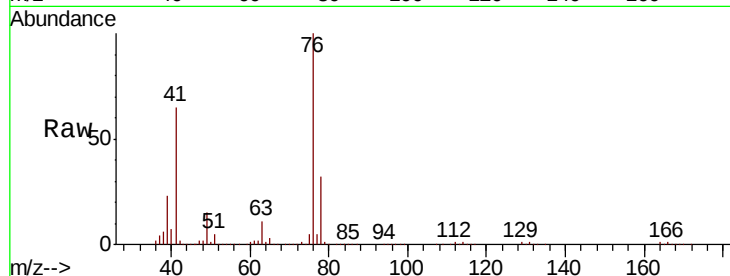




#57
 1,3-Dichloropropane
 Concen: 142.557 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

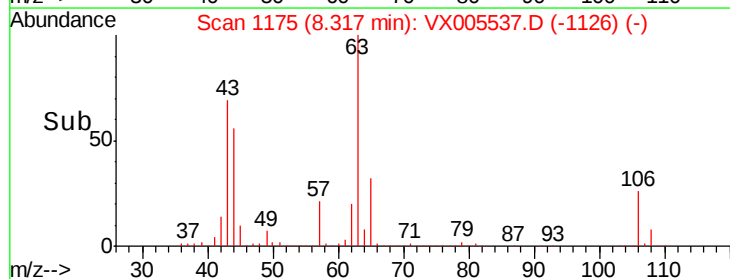
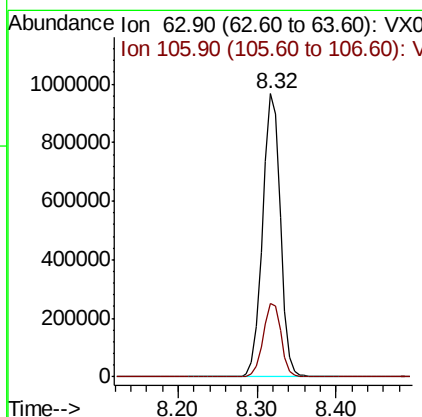
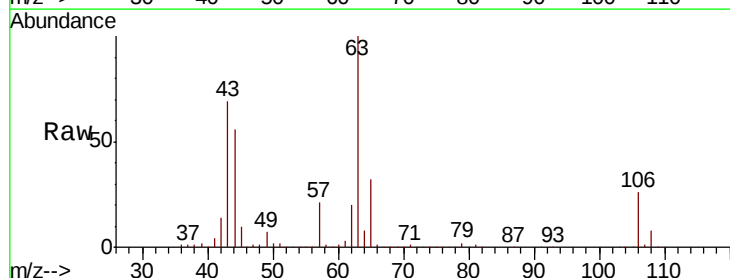
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

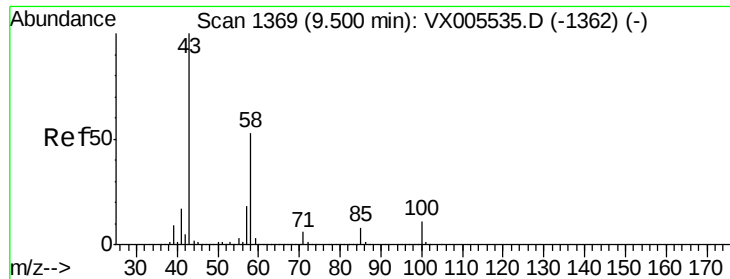
Tgt Ion: 76 Resp: 565641
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 776.161 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 63 Resp: 1516264
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9

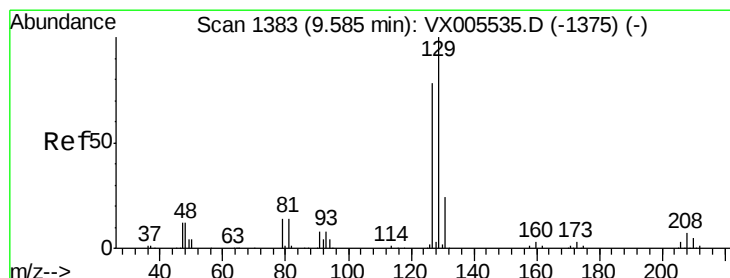
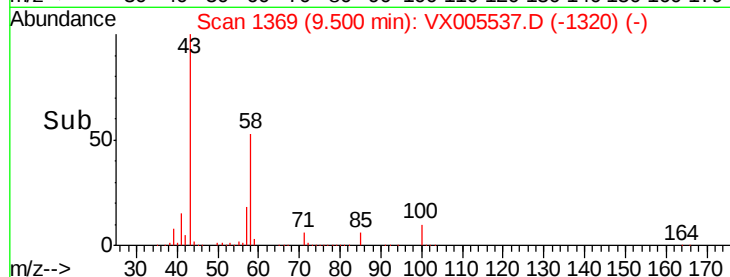
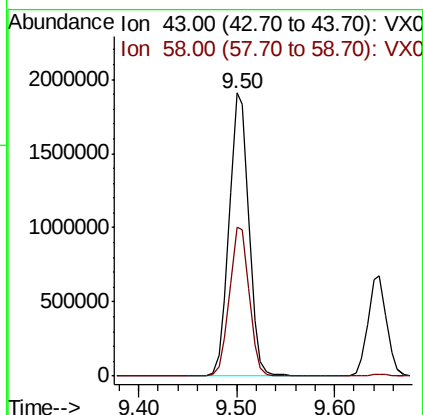
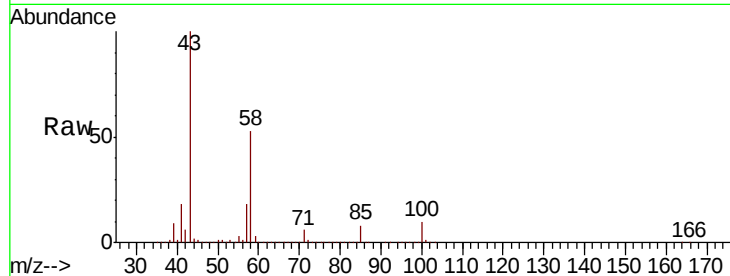




#59
2-Hexanone
Concen: 823.276 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

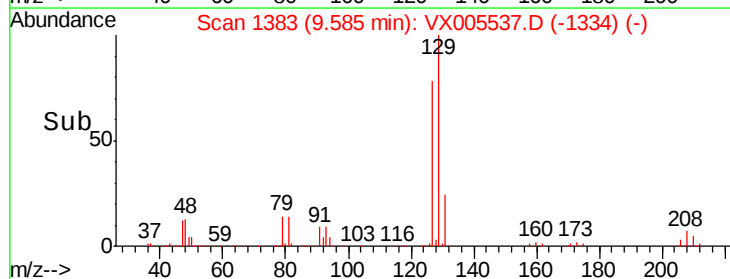
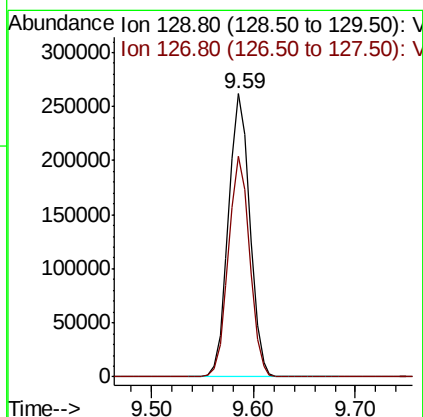
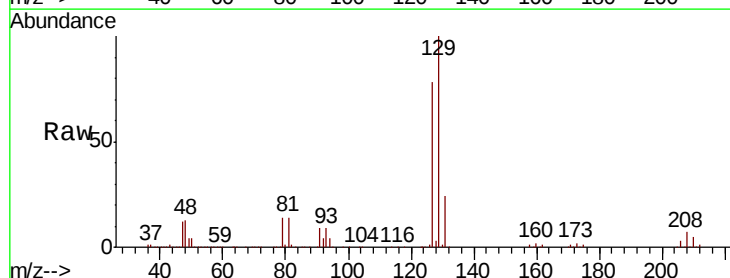
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

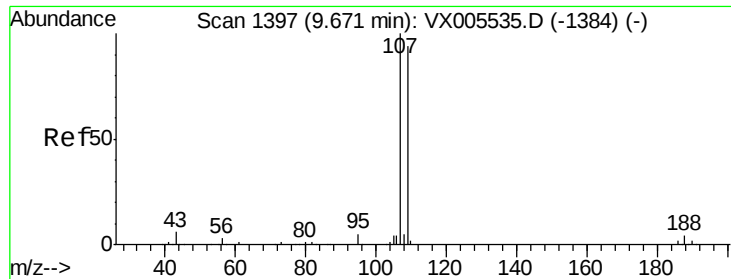
Tgt Ion: 43 Resp: 2663249
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 155.084 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion: 129 Resp: 379433
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 146.775 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

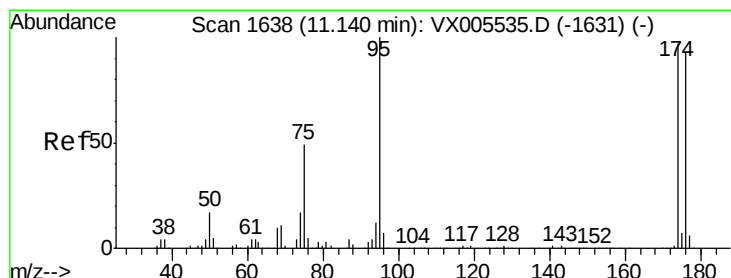
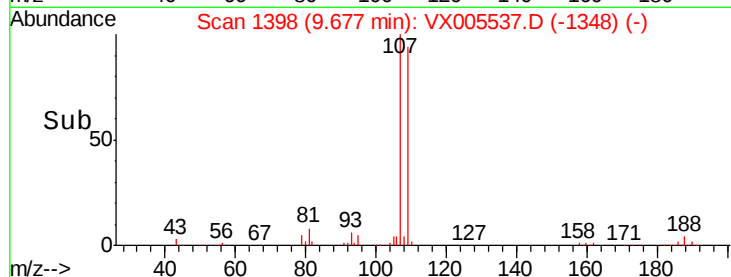
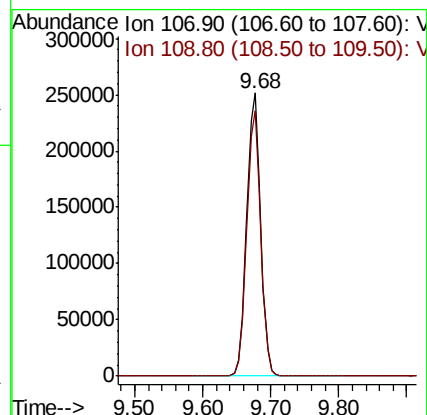
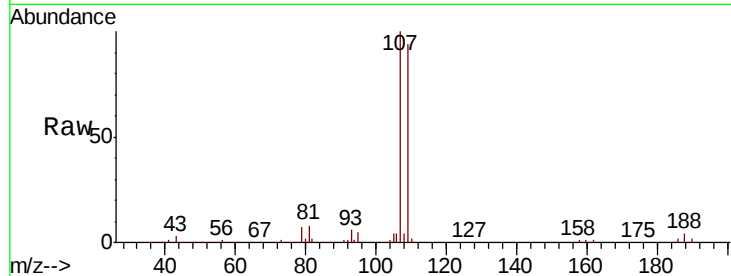
VSTDIC150

Tgt Ion:107 Resp: 356077

Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 157.421 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

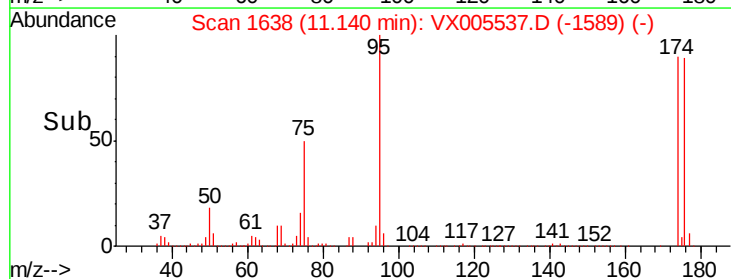
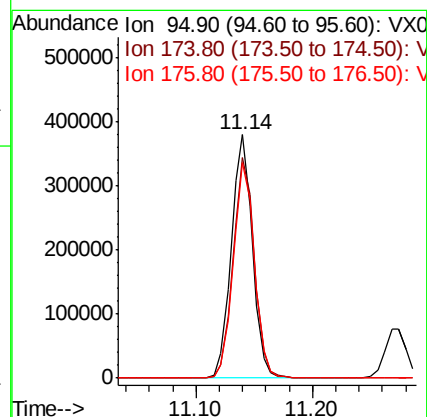
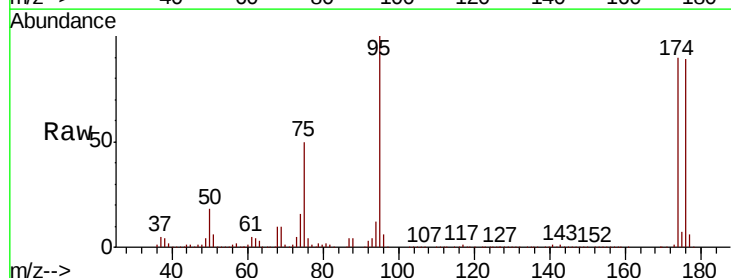
Tgt Ion: 95 Resp: 475838

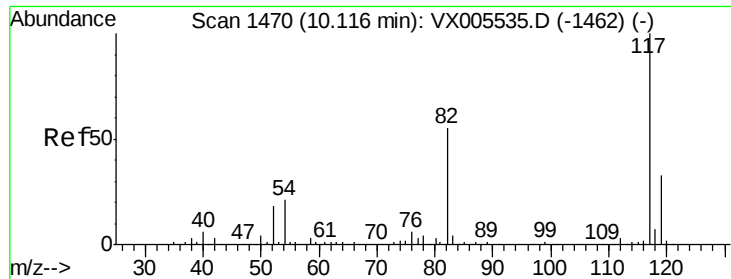
Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.4

176 88.9 0.0 177.4

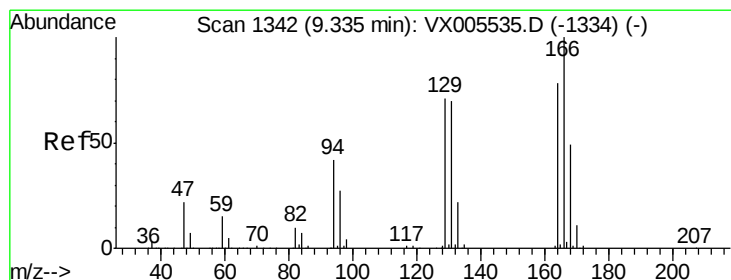
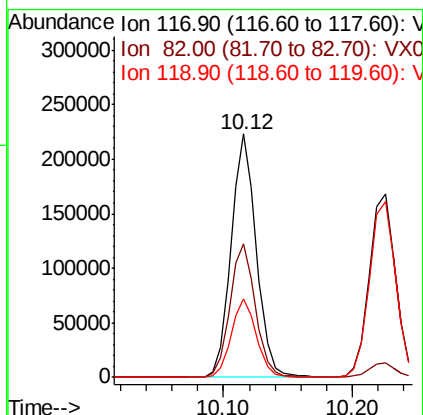
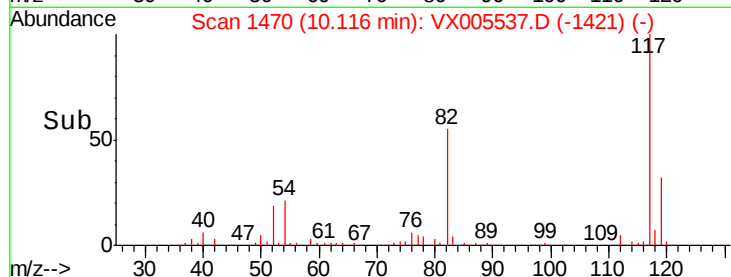
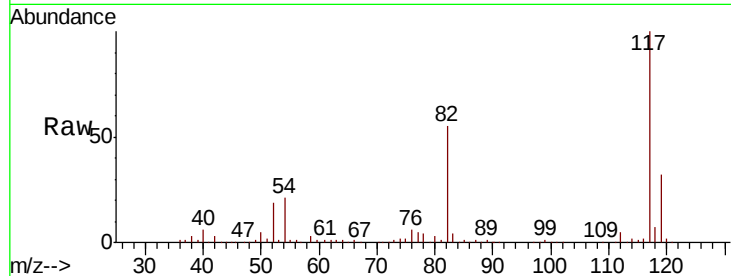




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

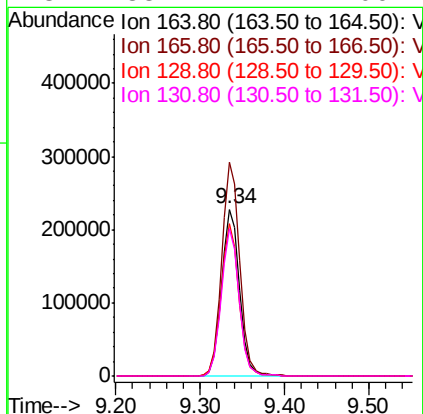
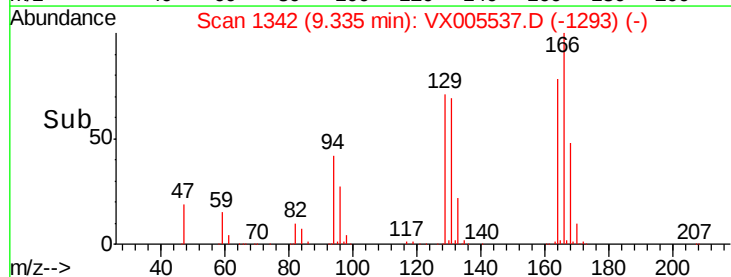
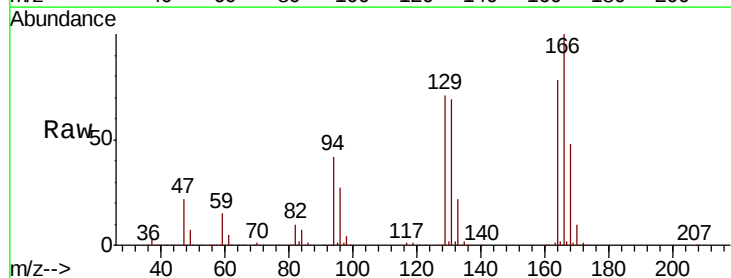
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

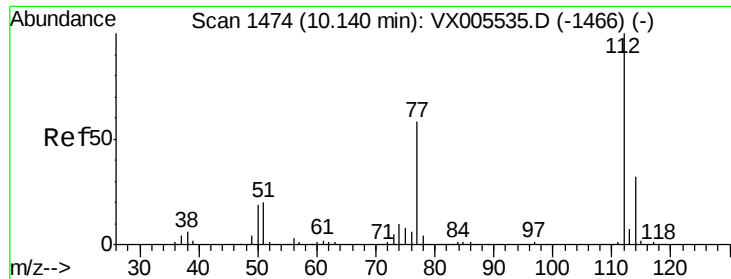
Tgt Ion:117 Resp: 305231
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 132.930 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion:164 Resp: 336823
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 91.2 72.6 109.0
131 88.4 71.1 106.7

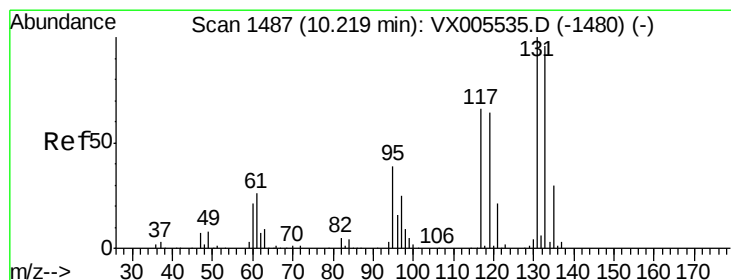
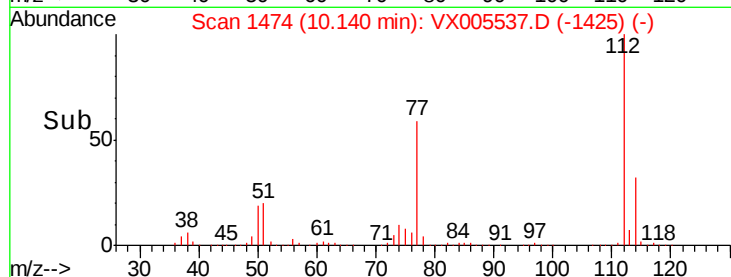
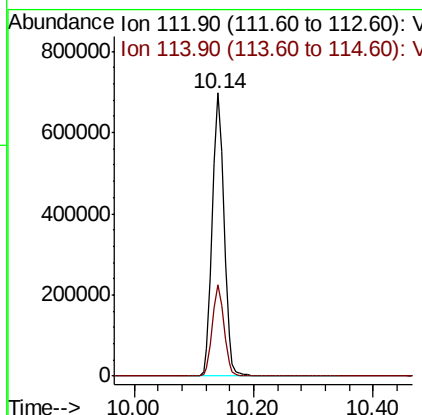
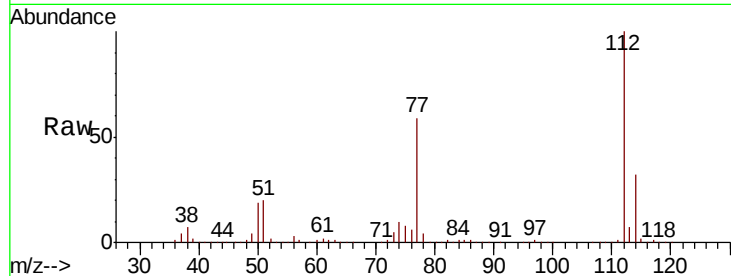




#65
Chlorobenzene
Concen: 143.456 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

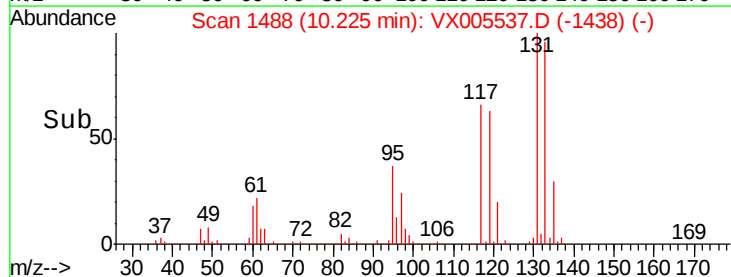
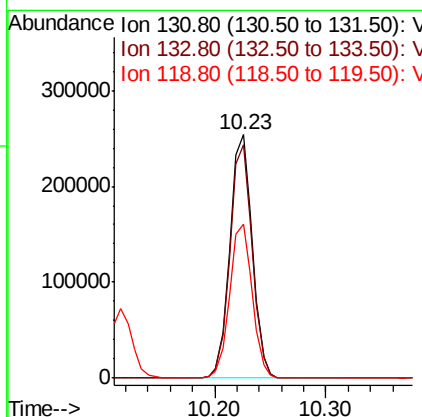
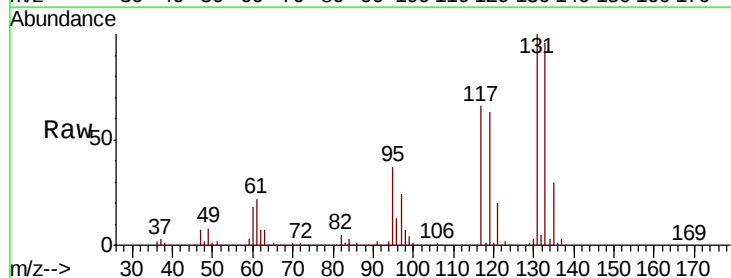
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

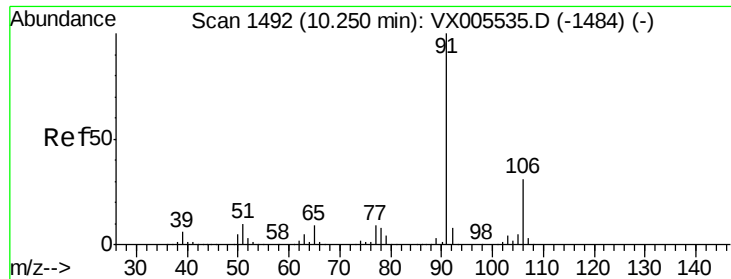
Tgt Ion:112 Resp: 932423
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 148.440 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion:131 Resp: 351802
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 151.587 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

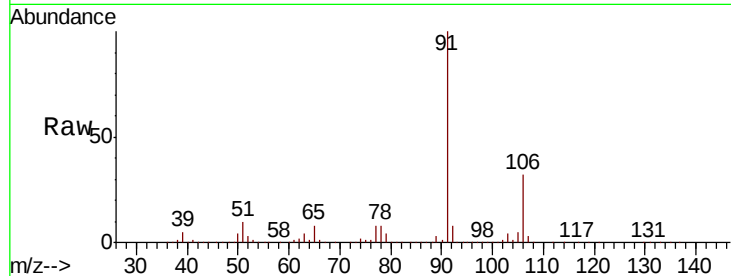
VSTDIC150

Tgt Ion: 91 Resp: 1621057

Ion Ratio Lower Upper

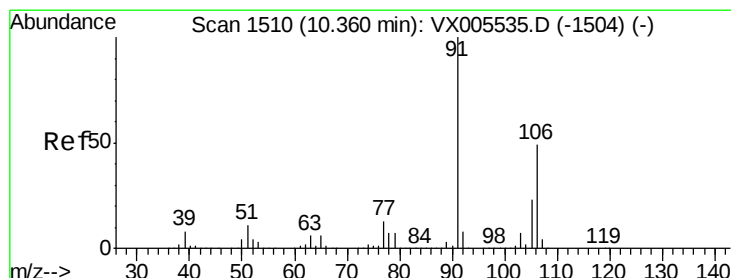
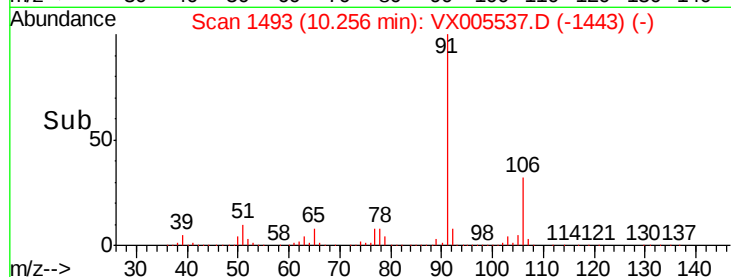
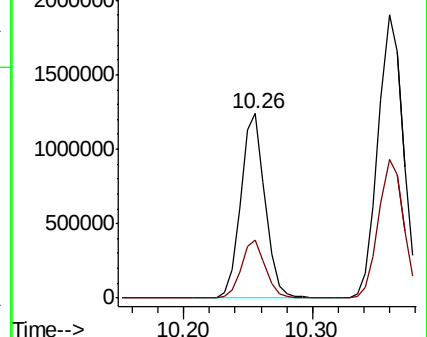
91 100

106 31.5 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005537.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005537.D (-1484) (-)



#68

m/p-Xylenes

Concen: 303.044 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005537.D

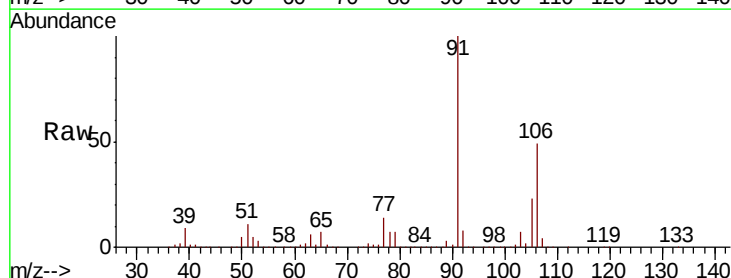
Acq: 24 Oct 2018 12:52

Tgt Ion: 106 Resp: 1257307

Ion Ratio Lower Upper

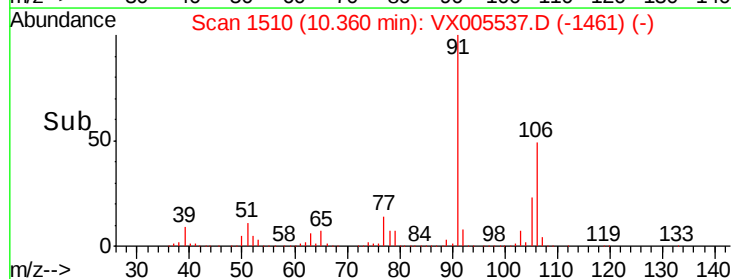
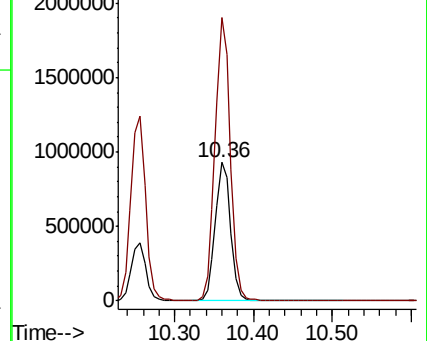
106 100

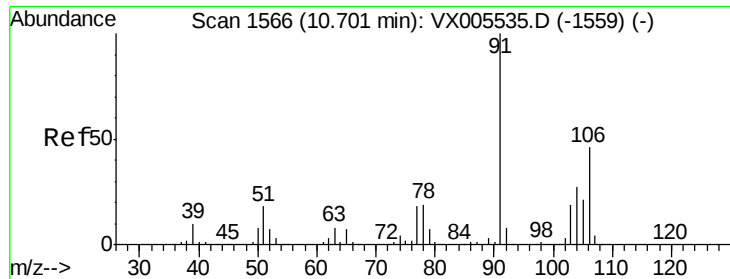
91 203.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005537.D (-1484) (-)

Ion 91.00 (90.70 to 91.70): VX005537.D (-1484) (-)

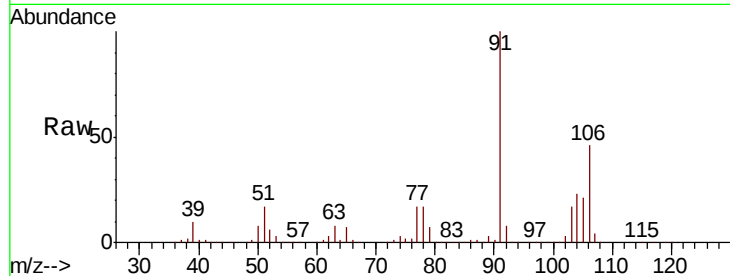




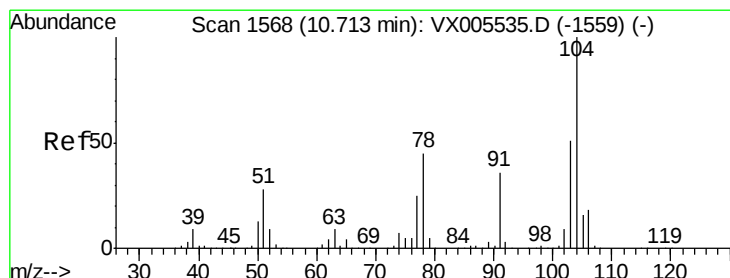
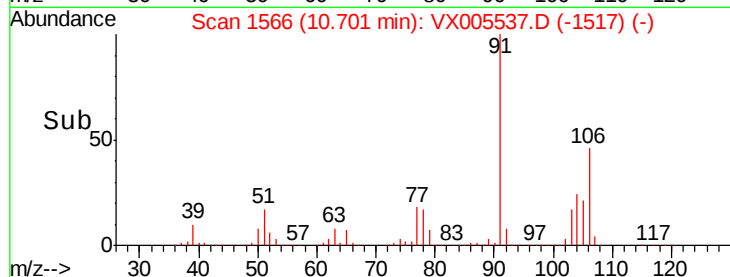
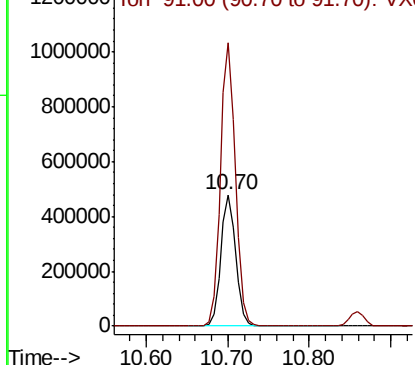
#69
o-Xylene
Concen: 156.659 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 611498
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.5

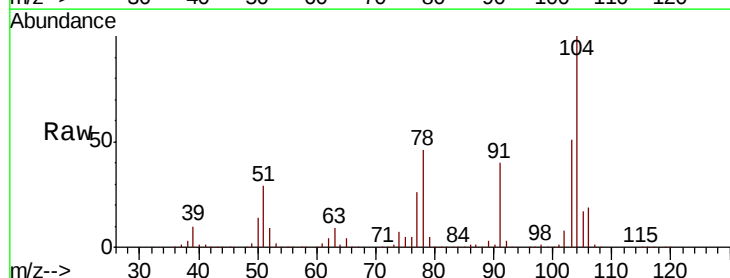


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

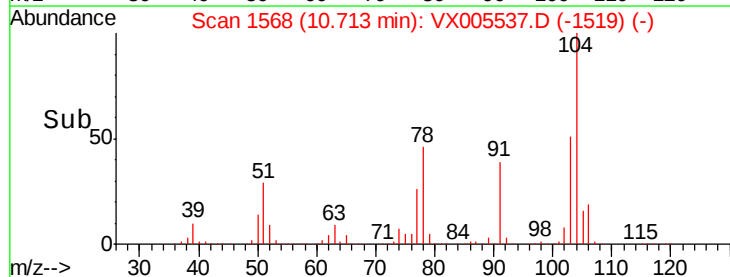
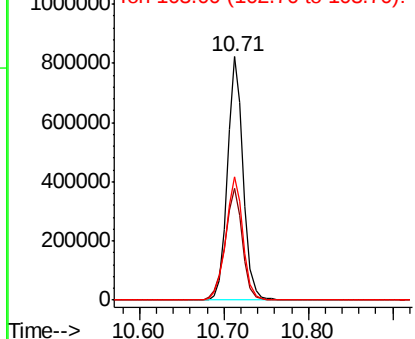


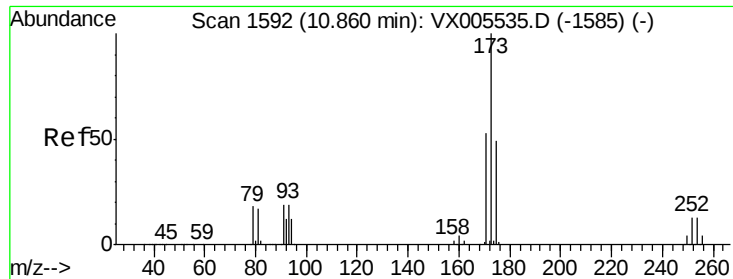
#70
Styrene
Concen: 161.288 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion:104 Resp: 1053915
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.4
103 55.5 44.9 67.3



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





#71

Bromoform

Concen: 170.708 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

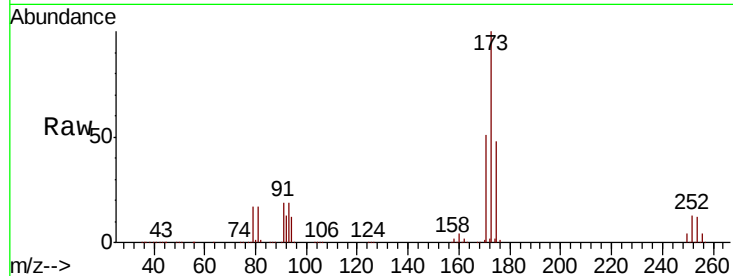
Tgt Ion:173 Resp: 361019

Ion Ratio Lower Upper

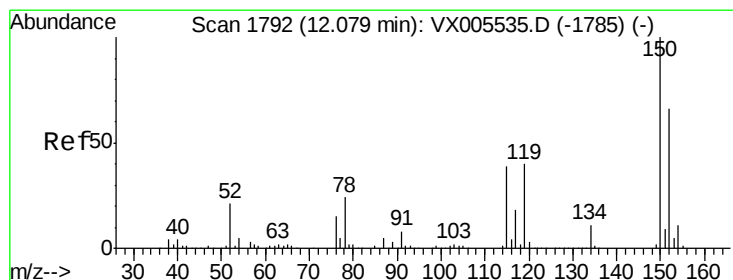
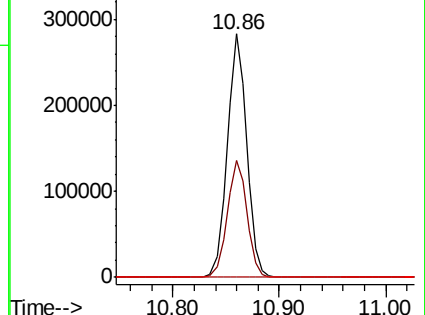
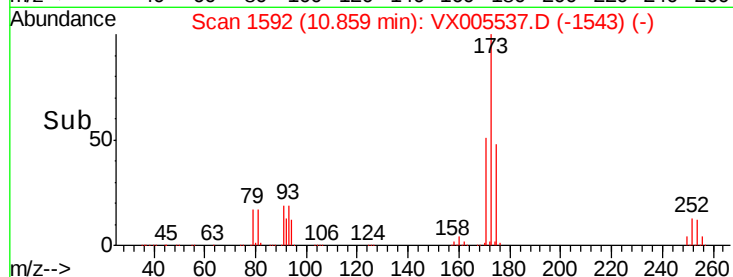
173 100

175 48.8 24.8 74.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

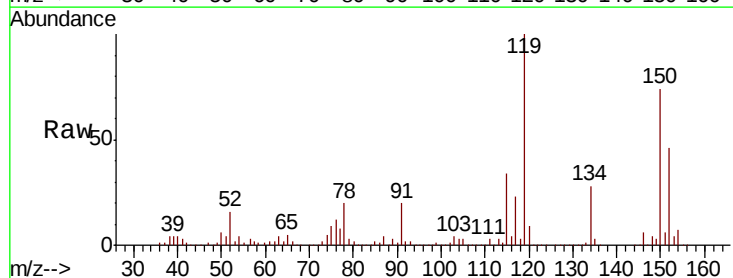
Tgt Ion:152 Resp: 192156

Ion Ratio Lower Upper

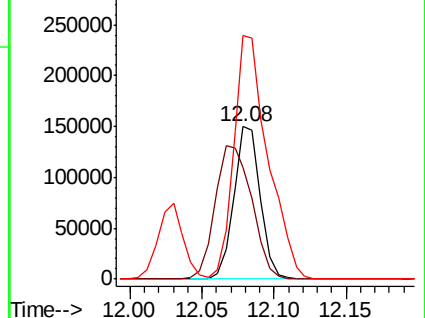
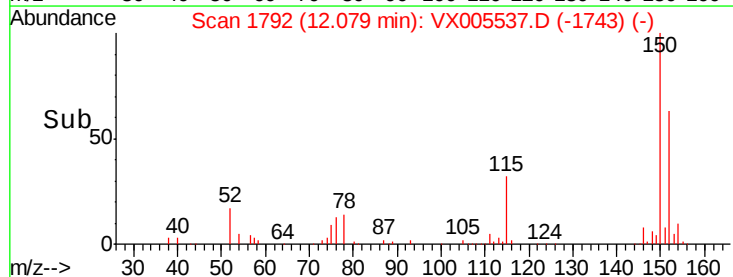
152 100

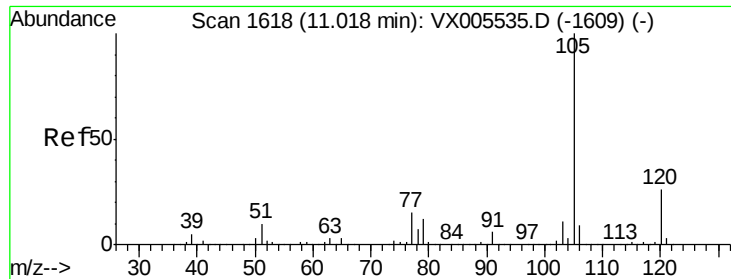
115 120.7 39.4 118.1#

150 205.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 141.969 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

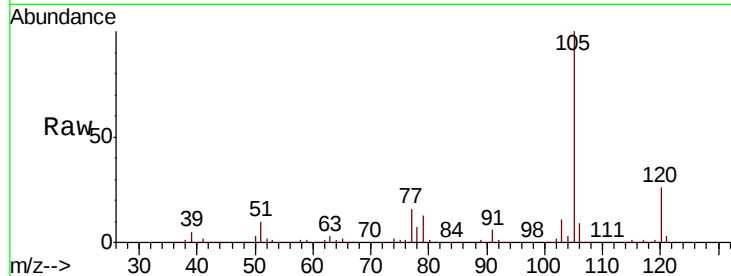
VSTDIC150

Tgt Ion:105 Resp: 1667593

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

1500000

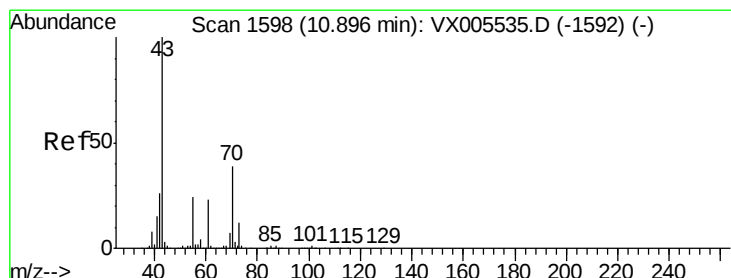
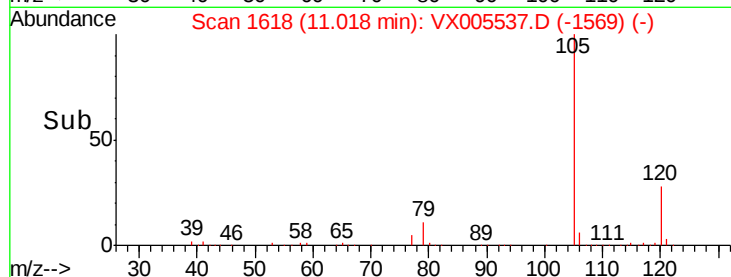
1000000

500000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 163.564 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Tgt Ion: 43 Resp: 951981

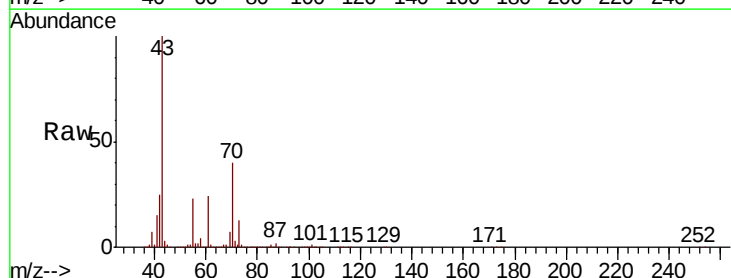
Ion Ratio Lower Upper

43 100

70 39.1 31.6 47.4

55 23.2 19.7 29.5

61 23.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1200000

1000000

800000

600000

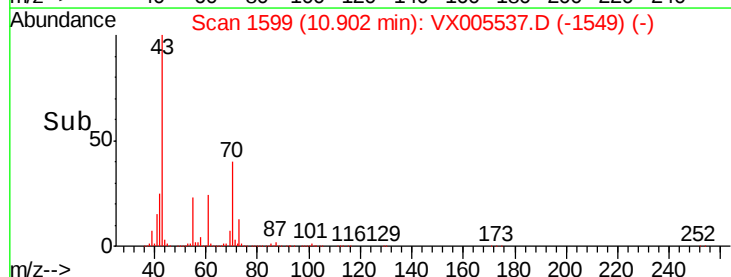
400000

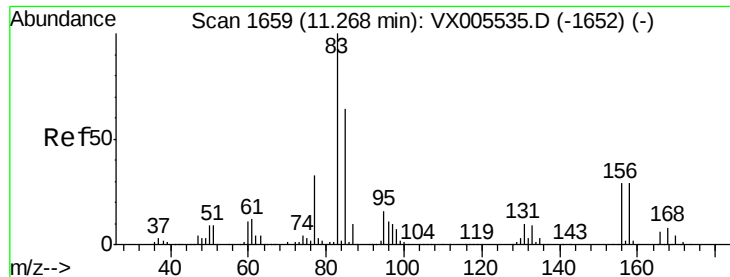
200000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 145.358 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

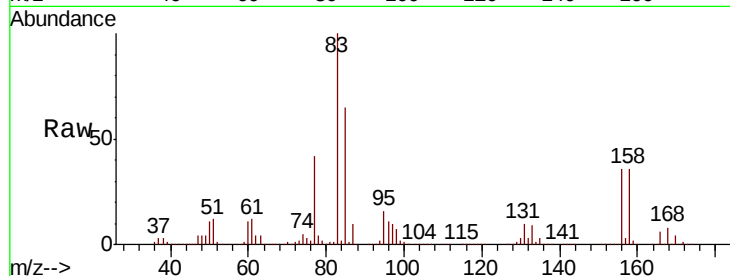
Tgt Ion: 83 Resp: 629909

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

85 64.9 32.0 96.2



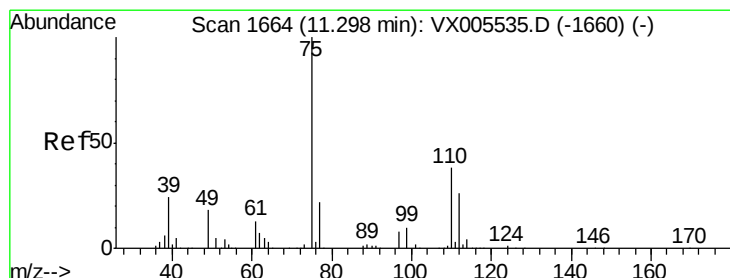
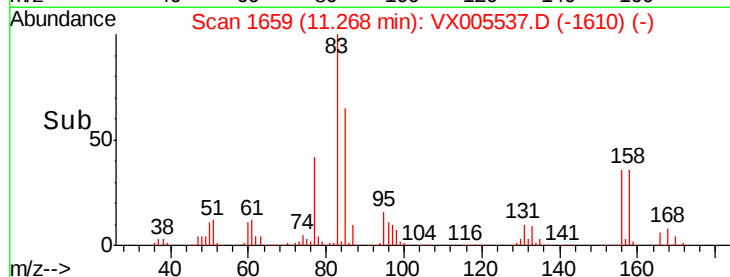
Abundance Ion 82.90 (82.60 to 83.60): VX005537.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005537.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005537.D (-1652) (-)

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 194.528 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005537.D

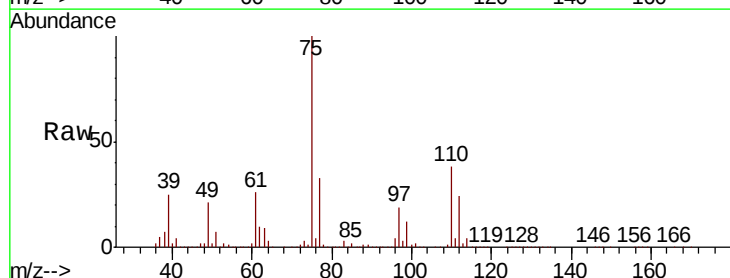
Acq: 24 Oct 2018 12:52

Tgt Ion: 75 Resp: 765955

Ion Ratio Lower Upper

75 100

77 32.7 20.5 61.6

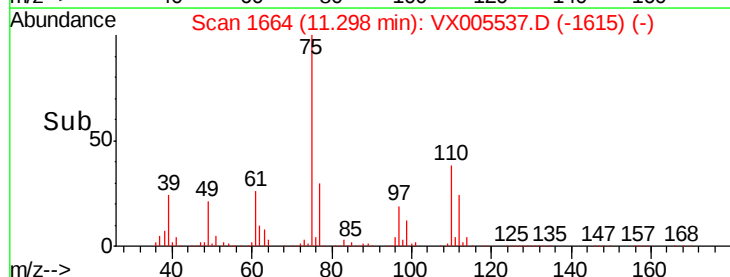


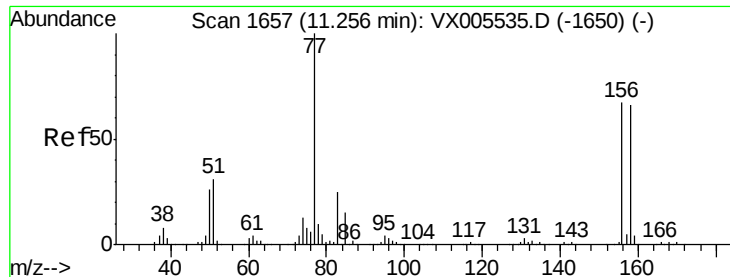
Abundance Ion 74.90 (74.60 to 75.60): VX005537.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005537.D (-1615) (-)

11.30

Time-->





#77

Bromobenzene

Concen: 140.615 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

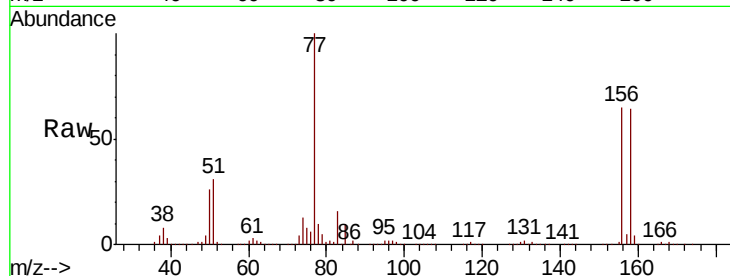
Tgt Ion:156 Resp: 460310

Ion Ratio Lower Upper

156 100

77 148.4 74.8 224.4

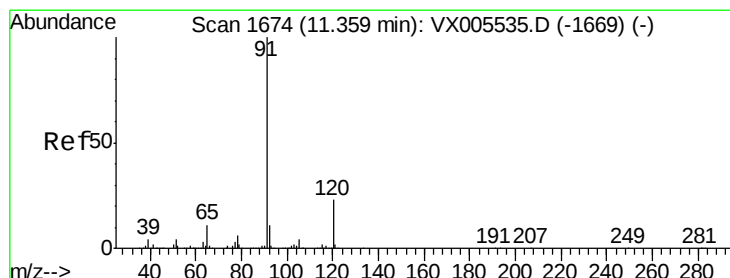
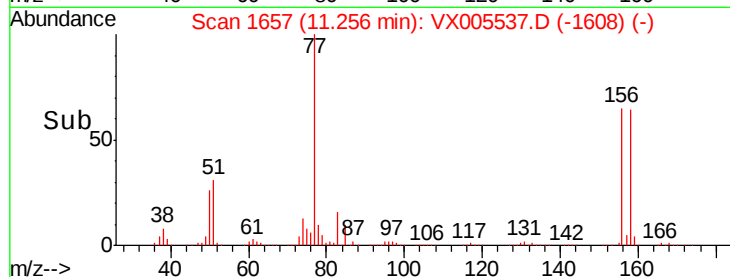
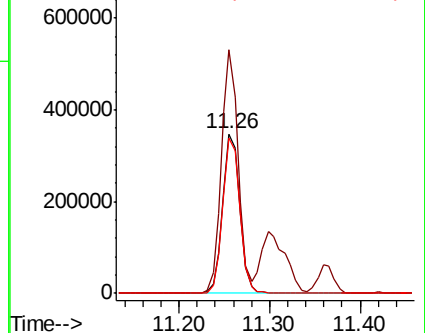
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 147.748 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX005537.D

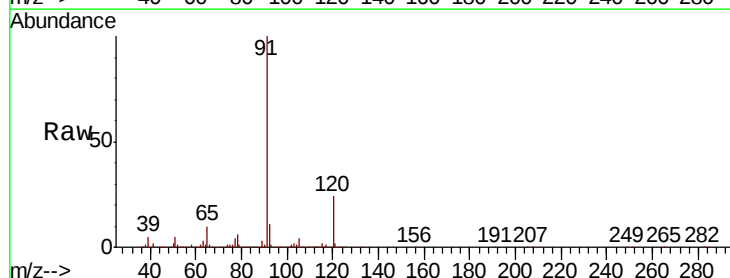
Acq: 24 Oct 2018 12:52

Tgt Ion: 91 Resp: 1984446

Ion Ratio Lower Upper

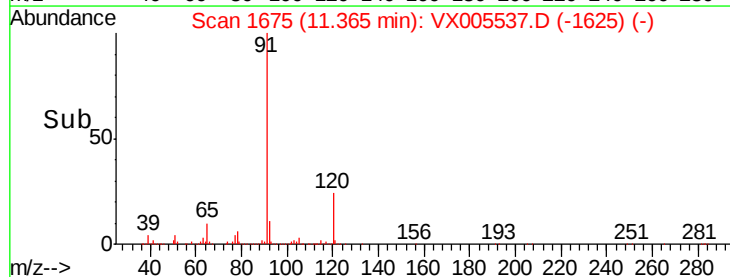
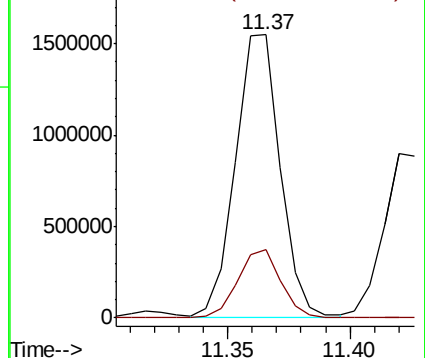
91 100

120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

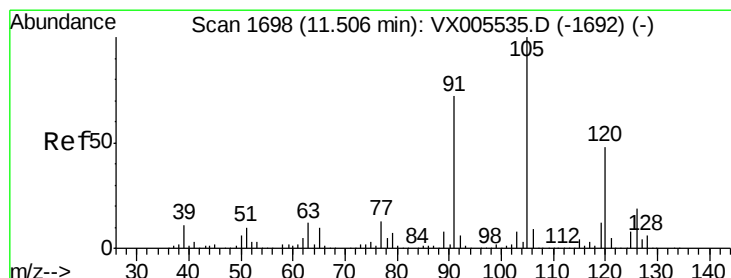
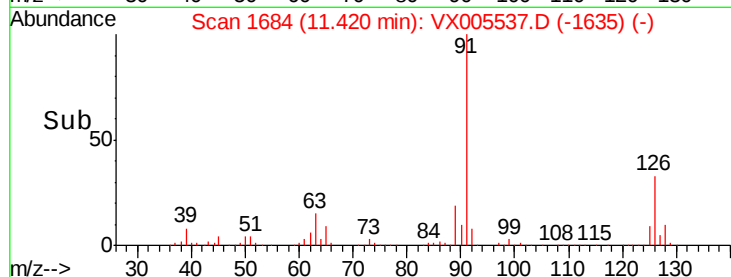
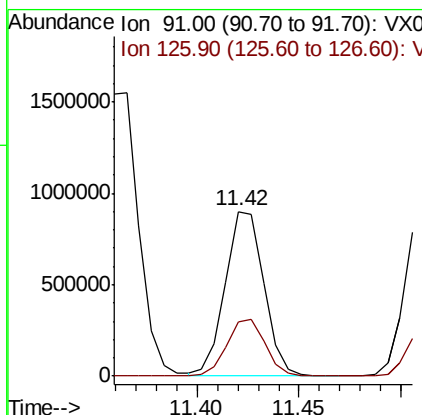
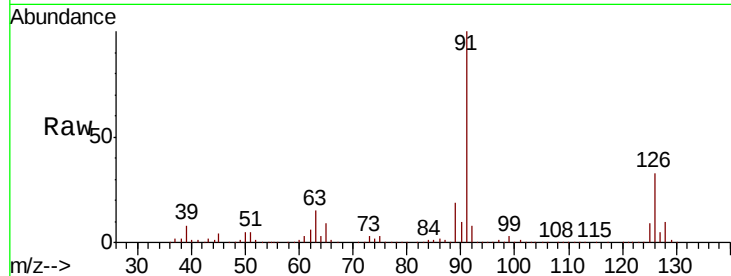




#79
 2-Chlorotoluene
 Concen: 142.983 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

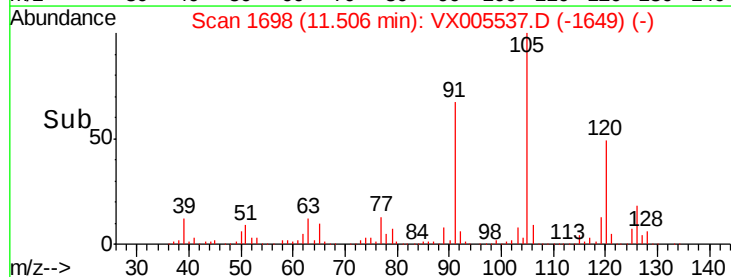
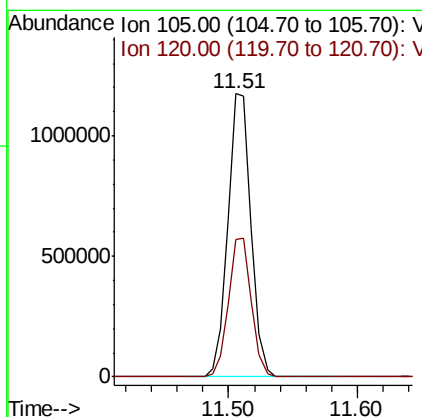
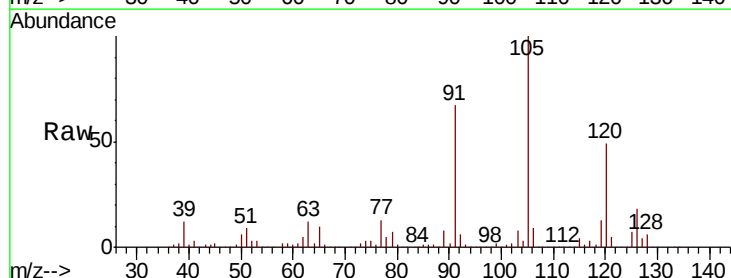
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

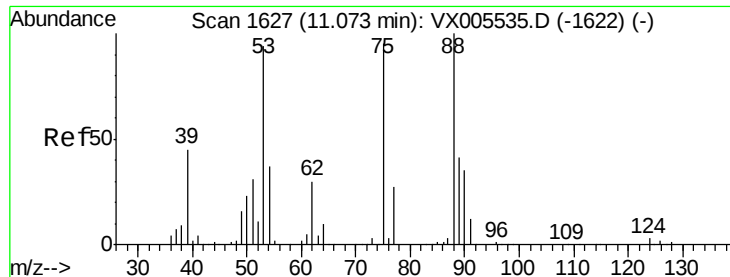
Tgt Ion: 91 Resp: 1190735
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 147.630 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 105 Resp: 1483423
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 170.332 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

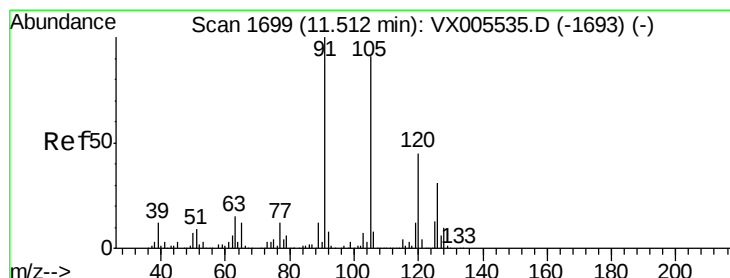
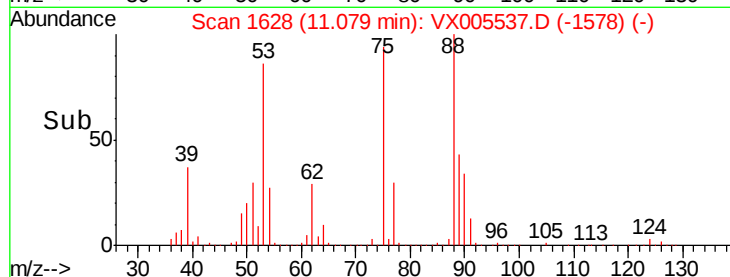
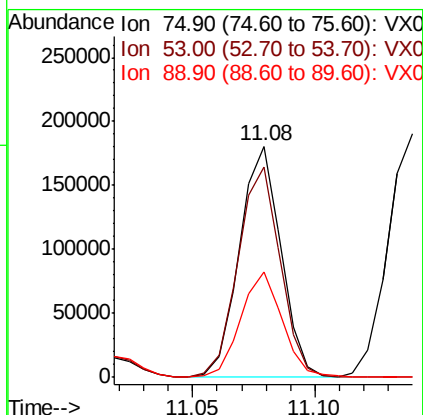
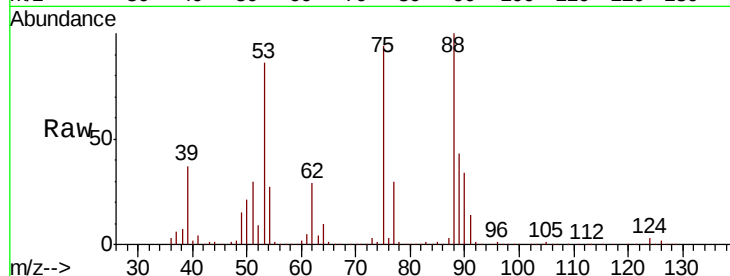
Tgt Ion: 75 Resp: 212233

Ion Ratio Lower Upper

75 100

53 93.0 80.2 120.2

89 46.2 39.8 59.8



#82

4-Chlorotoluene

Concen: 146.199 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005537.D

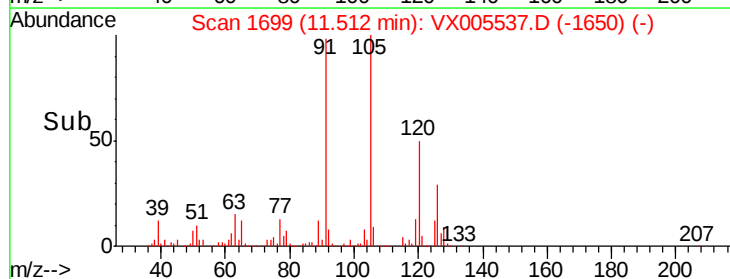
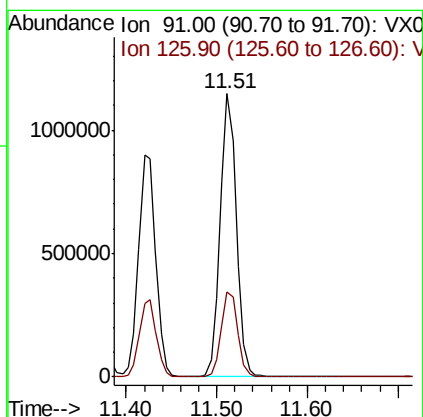
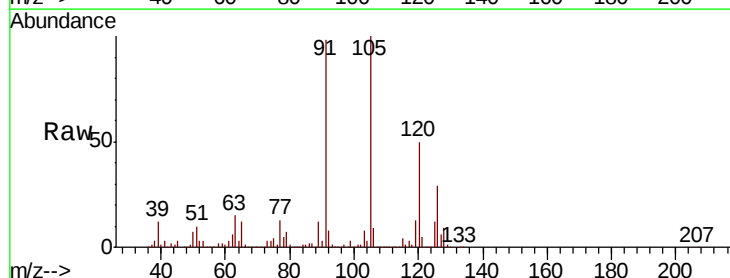
Acq: 24 Oct 2018 12:52

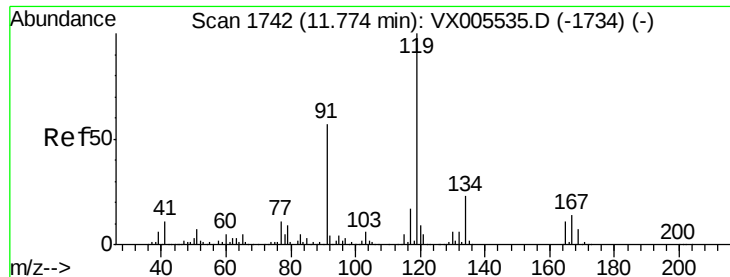
Tgt Ion: 91 Resp: 1435652

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.6

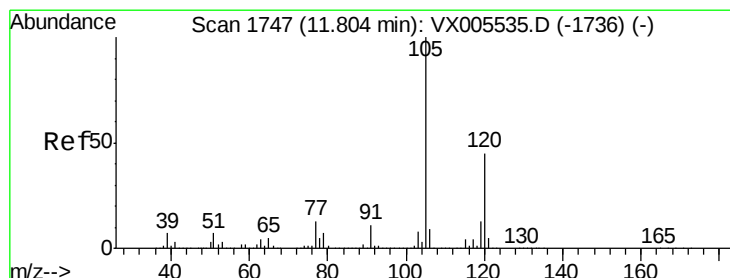
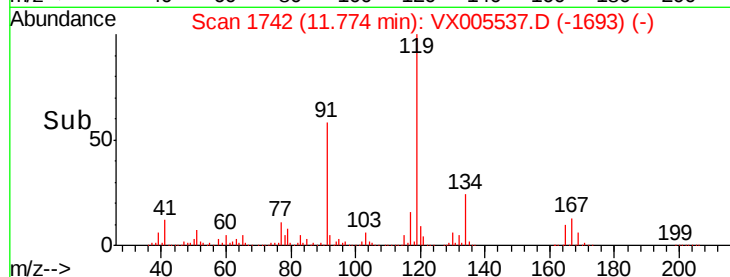
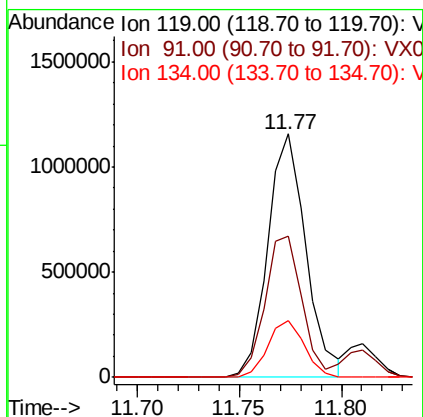
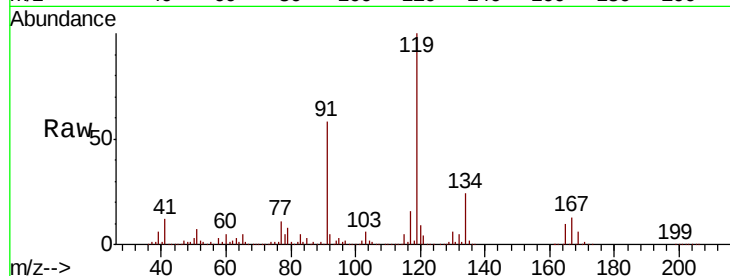




#83
 tert-Butylbenzene
 Concen: 150.629 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

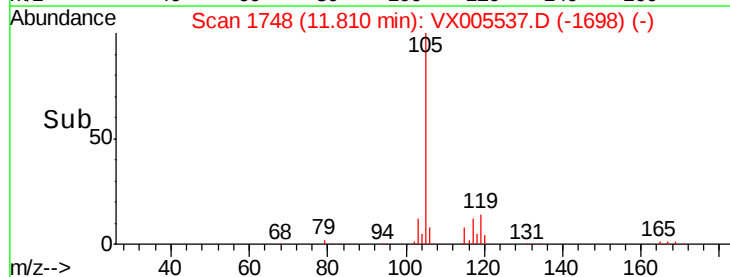
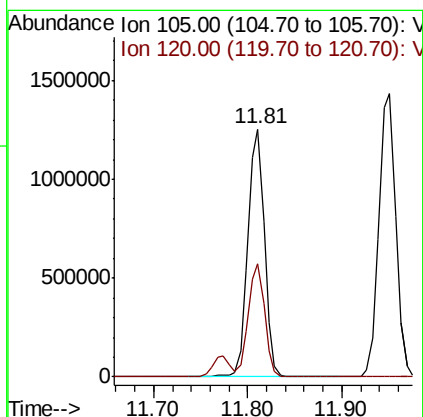
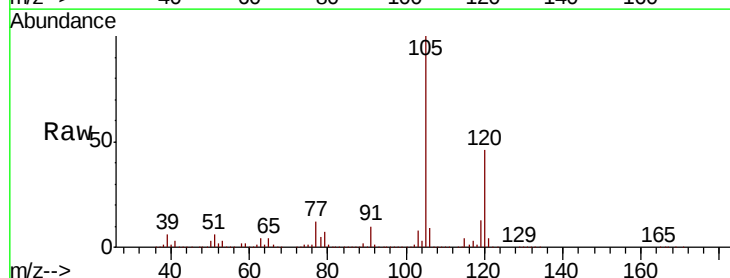
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

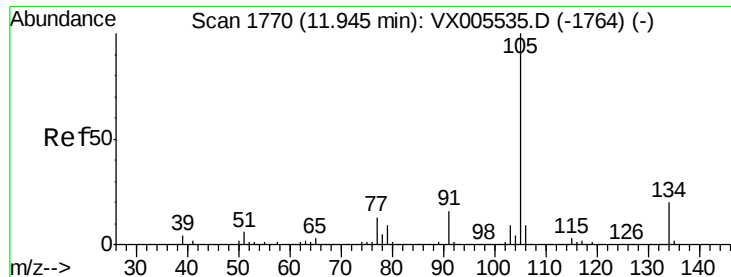
Tgt Ion:119 Resp: 1508718
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.5 85.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 151.573 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion:105 Resp: 1543599
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 149.655 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

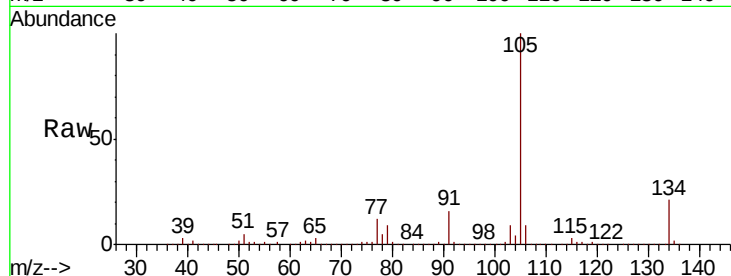
VSTDIC150

Tgt Ion:105 Resp: 1788644

Ion Ratio Lower Upper

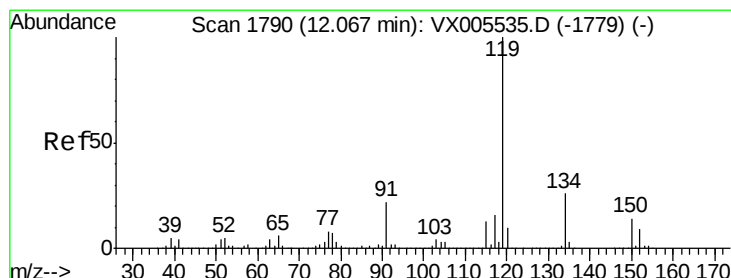
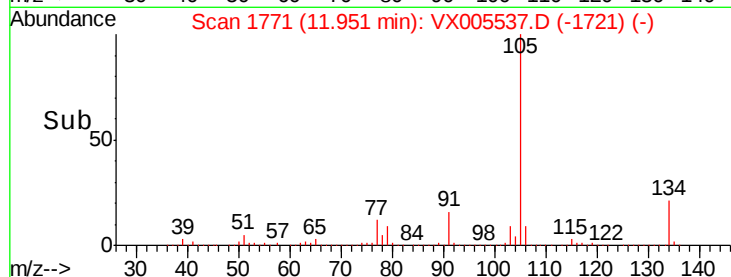
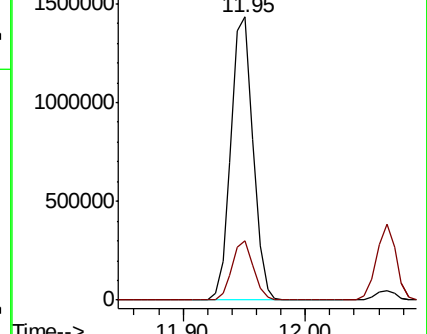
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 153.453 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

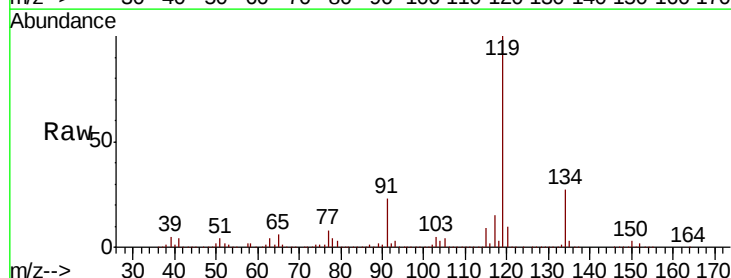
Tgt Ion:119 Resp: 1639516

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

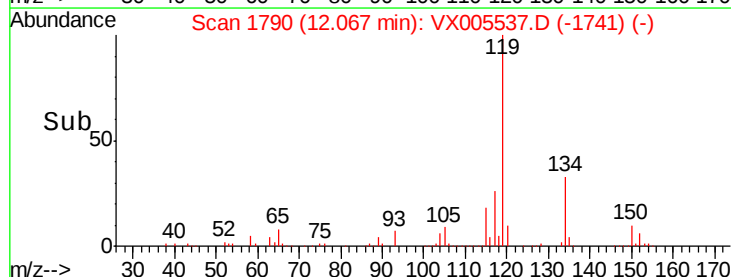
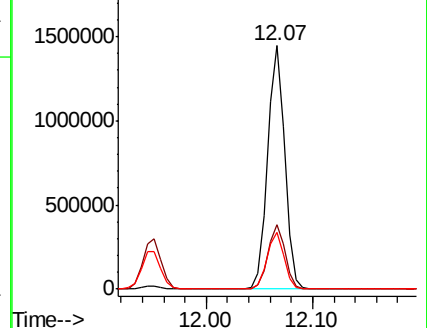
91 23.2 11.4 34.2

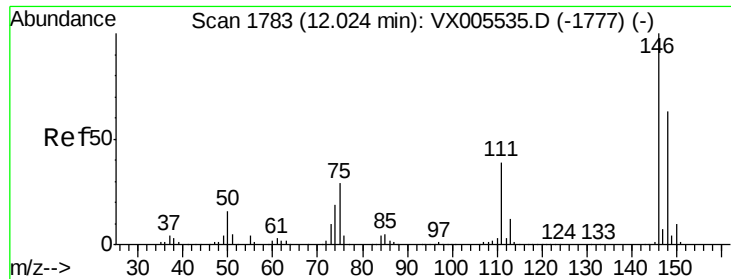


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

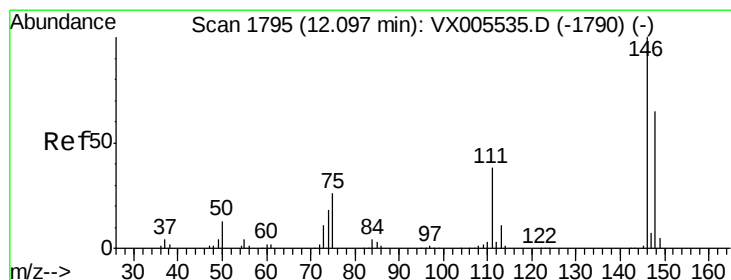
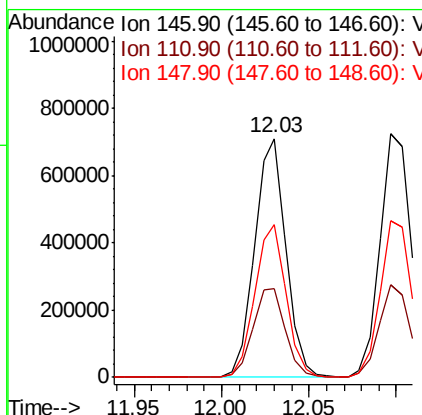
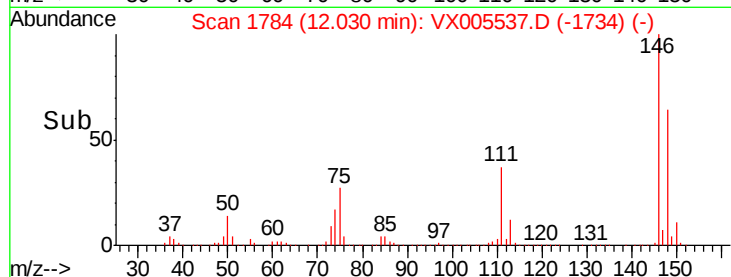
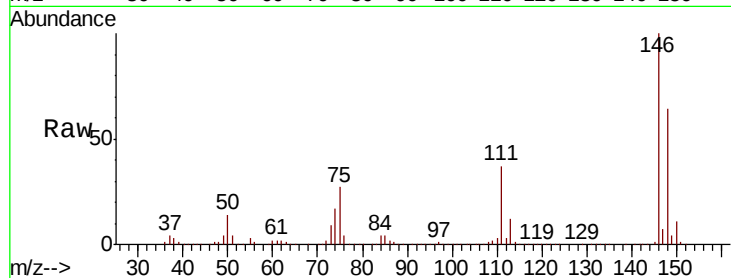




#87
 1,3-Dichlorobenzene
 Concen: 144.396 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

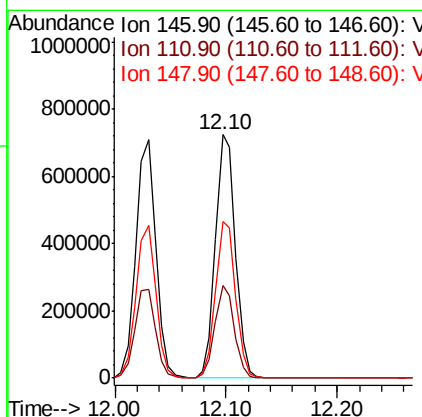
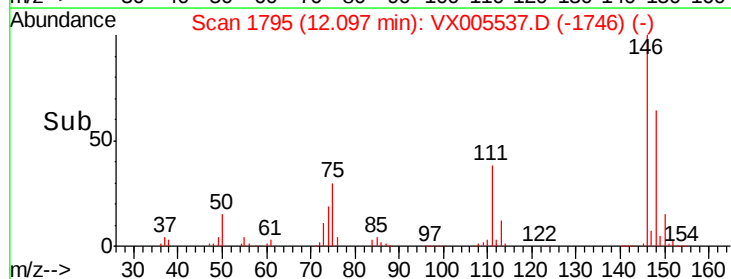
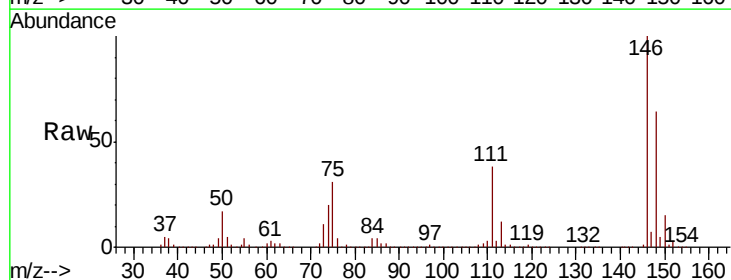
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

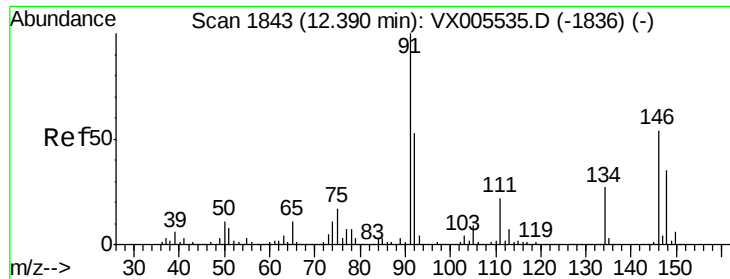
Tgt Ion:146 Resp: 888874
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 139.819 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion:146 Resp: 900263
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 157.734 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005537.D

Acq: 24 Oct 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

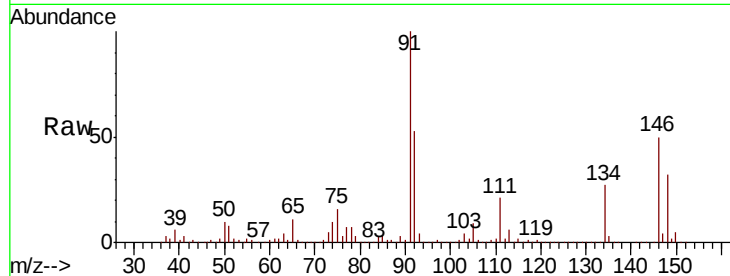
Tgt Ion: 91 Resp: 1521402

Ion Ratio Lower Upper

91 100

92 53.0 26.1 78.2

134 26.8 13.1 39.3

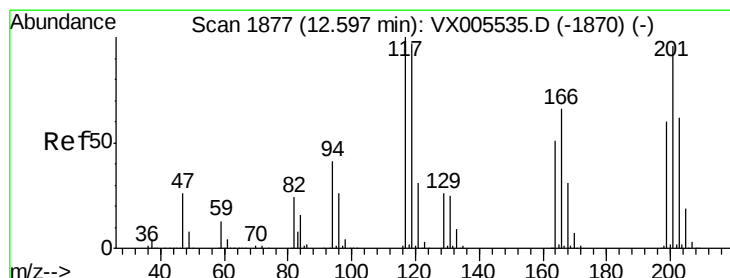
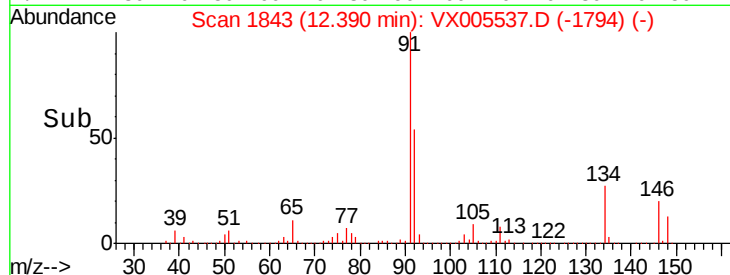


Abundance Ion 91.00 (90.70 to 91.70): VX005537.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005537.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005537.D (-1836) (-)

Time-->



#90

Hexachloroethane

Concen: 158.676 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005537.D

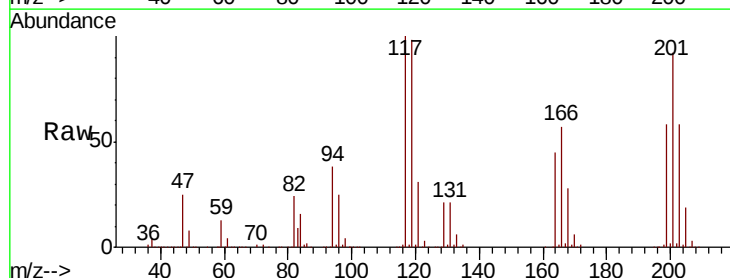
Acq: 24 Oct 2018 12:52

Tgt Ion: 117 Resp: 292397

Ion Ratio Lower Upper

117 100

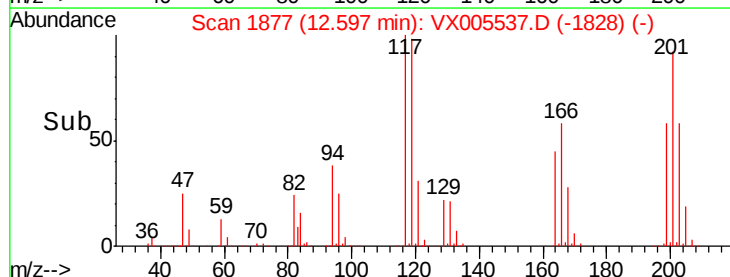
201 96.0 47.9 143.6

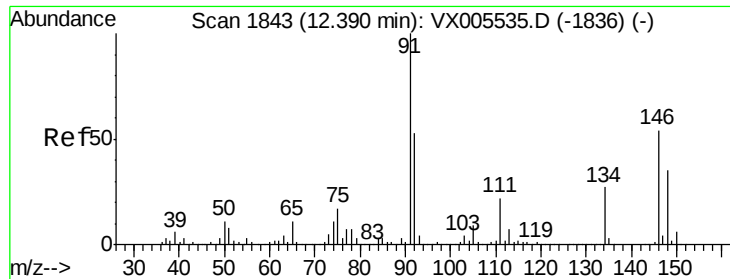


Abundance Ion 116.80 (116.50 to 117.50): VX005537.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005537.D (-1870) (-)

Time-->

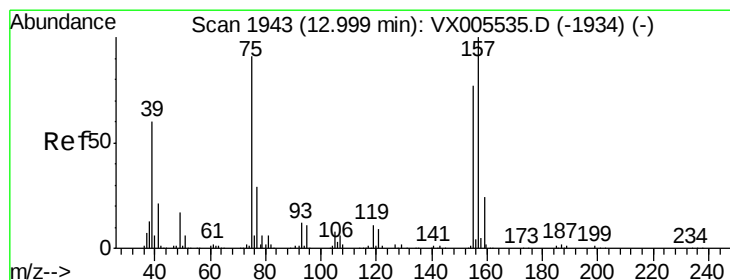
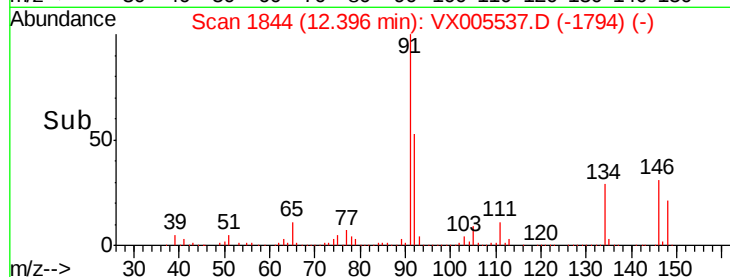
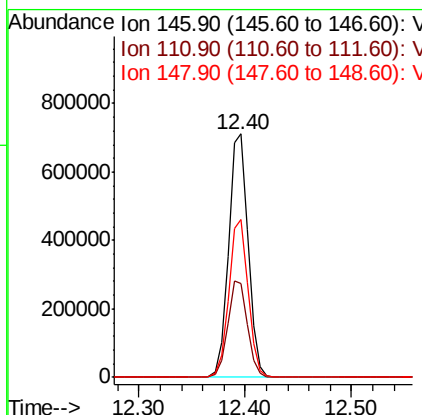
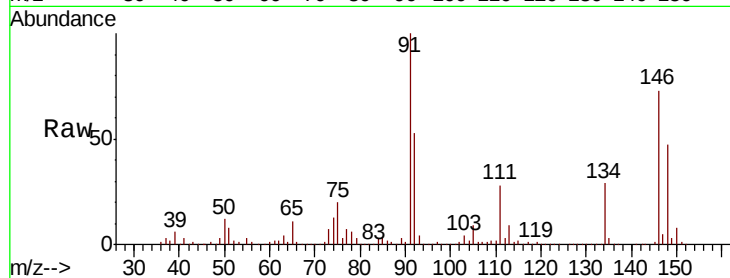




#91
 1,2-Dichlorobenzene
 Concen: 146.759 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

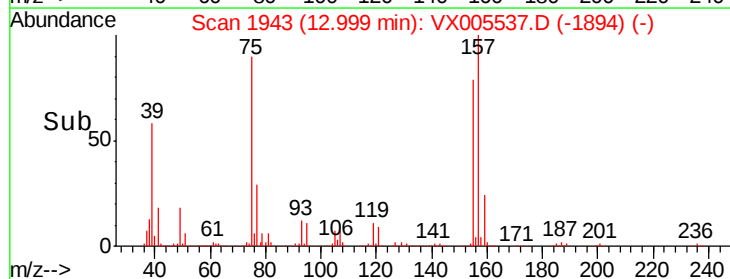
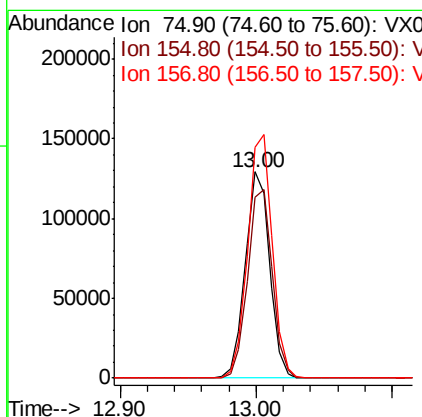
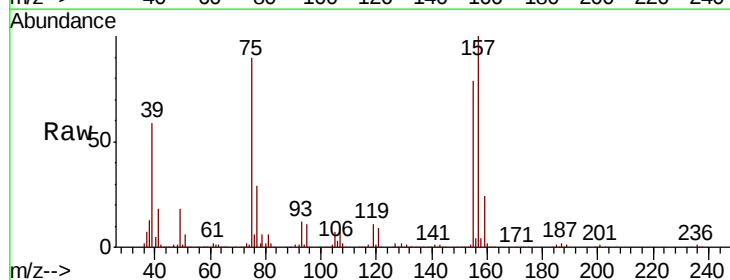
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

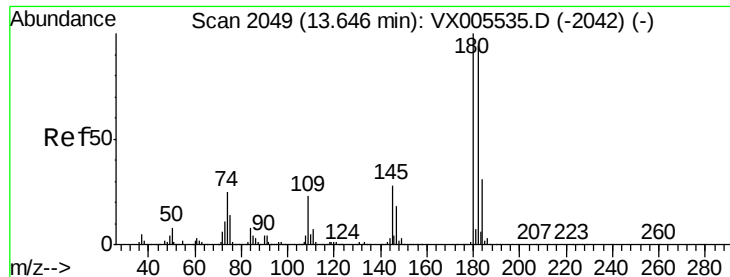
Tgt Ion:146 Resp: 914021
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 154.576 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion: 75 Resp: 161965
 Ion Ratio Lower Upper
 75 100
 155 93.2 45.4 136.1
 157 118.8 57.4 172.0

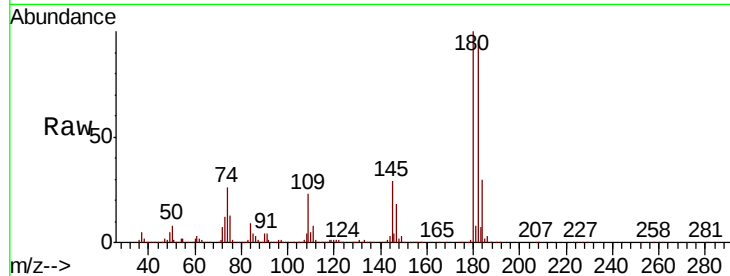




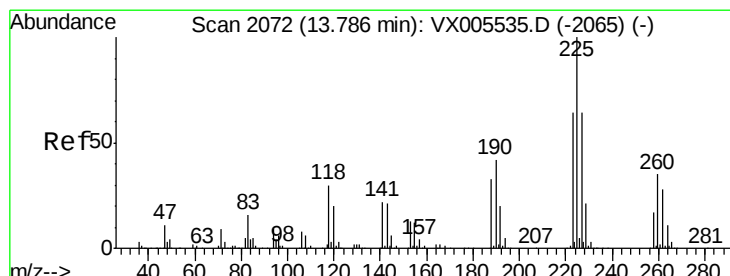
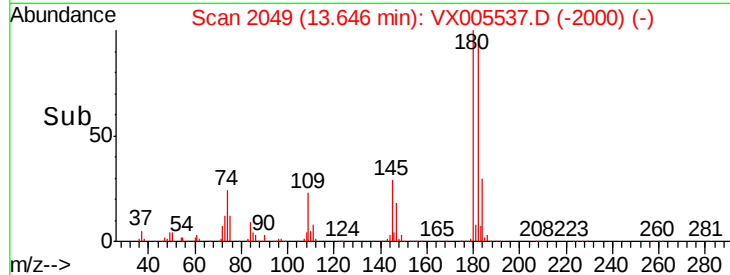
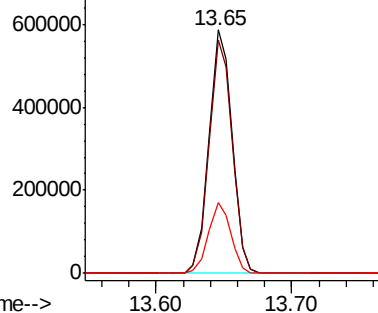
#93
 1,2,4-Trichlorobenzene
 Concen: 153.515 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 693071
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 28.3 14.1 42.2

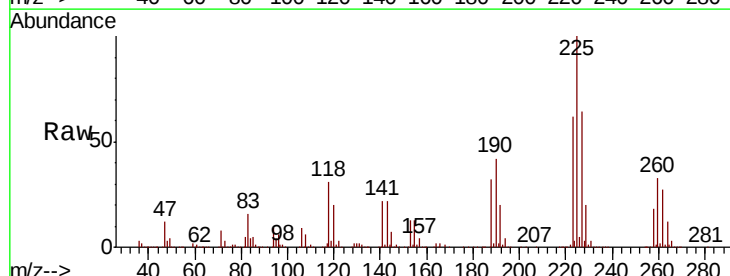


Abundance Ion 179.80 (179.50 to 180.50): V
 800000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

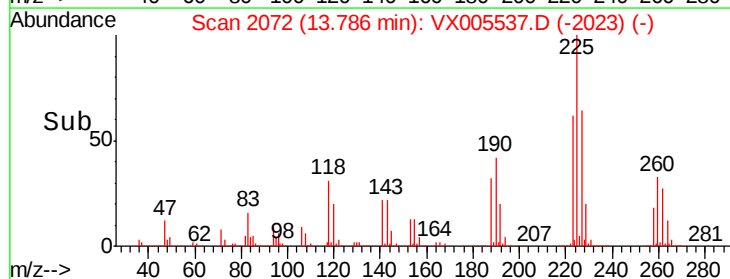
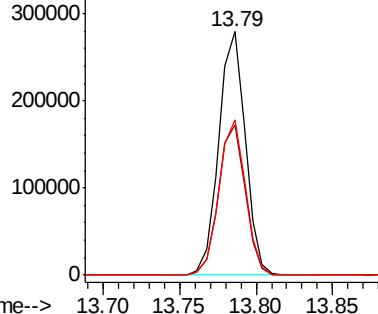


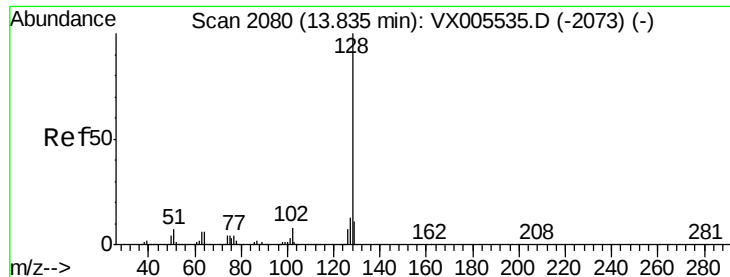
#94
 Hexachlorobutadiene
 Concen: 143.686 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005537.D
 Acq: 24 Oct 2018 12:52

Tgt Ion:225 Resp: 336169
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.7 95.1
 227 63.5 32.3 96.9



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

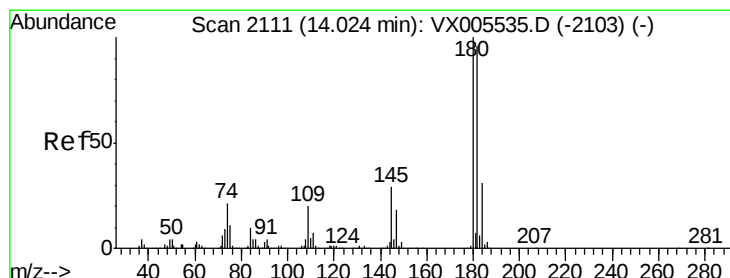
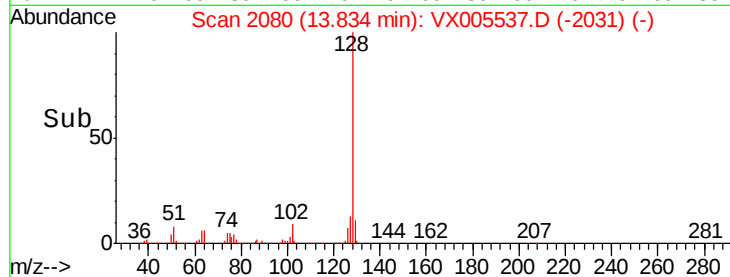
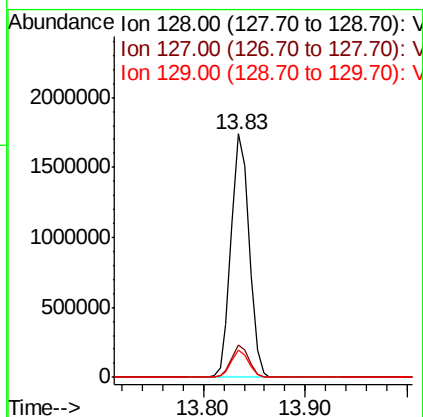
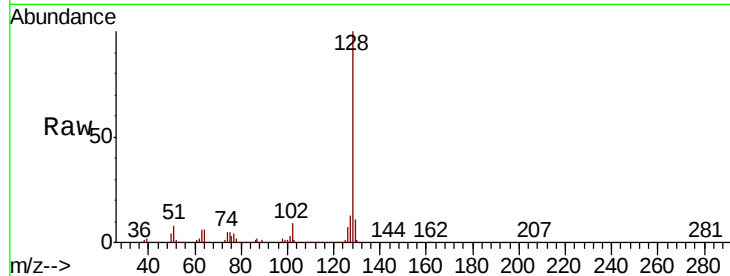




#95
Naphthalene
Concen: 161.153 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2114852
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 150.645 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005537.D
Acq: 24 Oct 2018 12:52

Tgt Ion:180 Resp: 689428
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 29.7 15.1 45.3

