

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
 Data File : VX005532.D
 Acq On : 24 Oct 2018 10:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 25 01:48:26 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	5.66	168	257906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	4650	1.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.96%	
35) Dibromofluoromethane	5.50	113	3480	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
50) Toluene-d8	8.71	98	10987	1.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.38%	
62) 4-Bromofluorobenzene	11.13	95	3662	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	2307	0.906 ug/l	81
3) Chloromethane	1.32	50	3617	1.116 ug/l	99
4) Vinyl Chloride	1.41	62	3614	1.134 ug/l	95
5) Bromomethane	1.64	94	2269	1.144 ug/l	95
6) Chloroethane	1.72	64	2508	1.232 ug/l	92
7) Trichlorofluoromethane	1.93	101	5199	1.174 ug/l	98
8) Diethyl Ether	2.19	74	2228	1.260 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3086	1.214 ug/l	96
10) Methyl Iodide	2.51	142	2145	0.893 ug/l	96
11) Tert butyl alcohol	3.06	59	4944	5.836 ug/l #	88
12) 1,1-Dichloroethene	2.37	96	3090	1.276 ug/l	97
13) Acrolein	2.29	56	2529	5.852 ug/l	85
14) Allyl chloride	2.73	41	6163	1.141 ug/l	95
15) Acrylonitrile	3.15	53	11401	6.001 ug/l	99
16) Acetone	2.44	43	9658	5.806 ug/l	97
17) Carbon Disulfide	2.57	76	8858	1.200 ug/l	98
18) Methyl Acetate	2.78	43	6126	1.315 ug/l	96
19) Methyl tert-butyl Ether	3.20	73	10181	1.179 ug/l	95
20) Methylene Chloride	2.85	84	3461	1.242 ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3334	1.261 ug/l	97
22) Diisopropyl ether	3.87	45	11378	1.206 ug/l #	93
23) Vinyl Acetate	3.82	43	48581	5.846 ug/l	99
24) 1,1-Dichloroethane	3.70	63	6438	1.255 ug/l	97
25) 2-Butanone	4.70	43	13783	5.441 ug/l	99
26) 2,2-Dichloropropane	4.59	77	4877	1.231 ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3443	1.208 ug/l	97
28) Bromochloromethane	5.01	49	3014	1.215 ug/l #	97
29) Tetrahydrofuran	5.15	42	8751	5.308 ug/l	97
30) Chloroform	5.21	83	5848	1.219 ug/l	93
31) Cyclohexane	5.58	56	4518	1.064 ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5023	1.186 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4445	1.209 ug/l	98
37) Ethyl Acetate	4.85	43	5303	1.130 ug/l	97
38) Carbon Tetrachloride	5.77	117	4770	1.231 ug/l	84

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 MSVOA_X
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 VSTDIC001

Quant Time: Oct 25 01:48:26 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	4462	1.099	ug/l	94
40) Benzene	6.14	78	12013	1.140	ug/l	94
41) Methacrylonitrile	5.06	41	2931	1.121	ug/l	96
42) 1,2-Dichloroethane	6.19	62	4859	1.213	ug/l	96
43) Isopropyl Acetate	6.46	43	7556	1.074	ug/l	98
44) Trichloroethene	7.21	130	3485	1.213	ug/l	95
45) 1,2-Dichloropropane	7.51	63	3450	1.217	ug/l	99
46) Dibromomethane	7.66	93	2238	1.223	ug/l	93
47) Bromodichloromethane	7.90	83	4221	1.188	ug/l #	96
48) Methyl methacrylate	7.77	41	3468	1.012	ug/l	94
49) 1,4-Dioxane	7.76	88	1623	21.678	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	24172	5.114	ug/l	98
52) Toluene	8.79	92	6981	1.090	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3887	1.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	4145	1.003	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	3239	1.199	ug/l	90
56) Ethyl methacrylate	9.18	69	3919	0.973	ug/l	89
57) 1,3-Dichloropropane	9.37	76	5359	1.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	11126	4.944	ug/l	99
59) 2-Hexanone	9.49	43	17509	4.699	ug/l	95
60) Dibromochloromethane	9.58	129	2965	1.052	ug/l	96
61) 1,2-Dibromoethane	9.67	107	3145	1.125	ug/l	100
64) Tetrachloroethene	9.34	164	3589	1.241	ug/l	96
65) Chlorobenzene	10.13	112	8658	1.167	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	3125	1.155	ug/l #	67
67) Ethyl Benzene	10.25	91	12935	1.060	ug/l	97
68) m/p-Xylenes	10.36	106	9913	2.093	ug/l	96
69) o-Xylene	10.69	106	4303	0.966	ug/l	91
70) Styrene	10.71	104	7011	0.940	ug/l	98
71) Bromoform	10.86	173	2482	1.028	ug/l #	99
73) Isopropylbenzene	11.02	105	11996	1.062	ug/l	98
74) N-amyl acetate	10.90	43	5363	0.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4843	1.162	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	5647	1.491	ug/l	80
77) Bromobenzene	11.26	156	3730	1.185	ug/l	97
78) n-propylbenzene	11.36	91	12981	1.005	ug/l	98
79) 2-Chlorotoluene	11.42	91	8890	1.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	9855	1.020	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	1136	0.948	ug/l #	65
82) 4-Chlorotoluene	11.51	91	10042	1.063	ug/l	98
83) tert-Butylbenzene	11.77	119	9978	1.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9190	0.938	ug/l	96
85) sec-Butylbenzene	11.94	105	11293	0.982	ug/l	96
86) p-Isopropyltoluene	12.07	119	9586	0.933	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	6738	1.138	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	6738	1.088	ug/l	97
89) n-Butylbenzene	12.39	91	9226	0.995	ug/l	99
90) Hexachloroethane	12.60	117	1840	1.038	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	6912	1.154	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1154	1.145	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

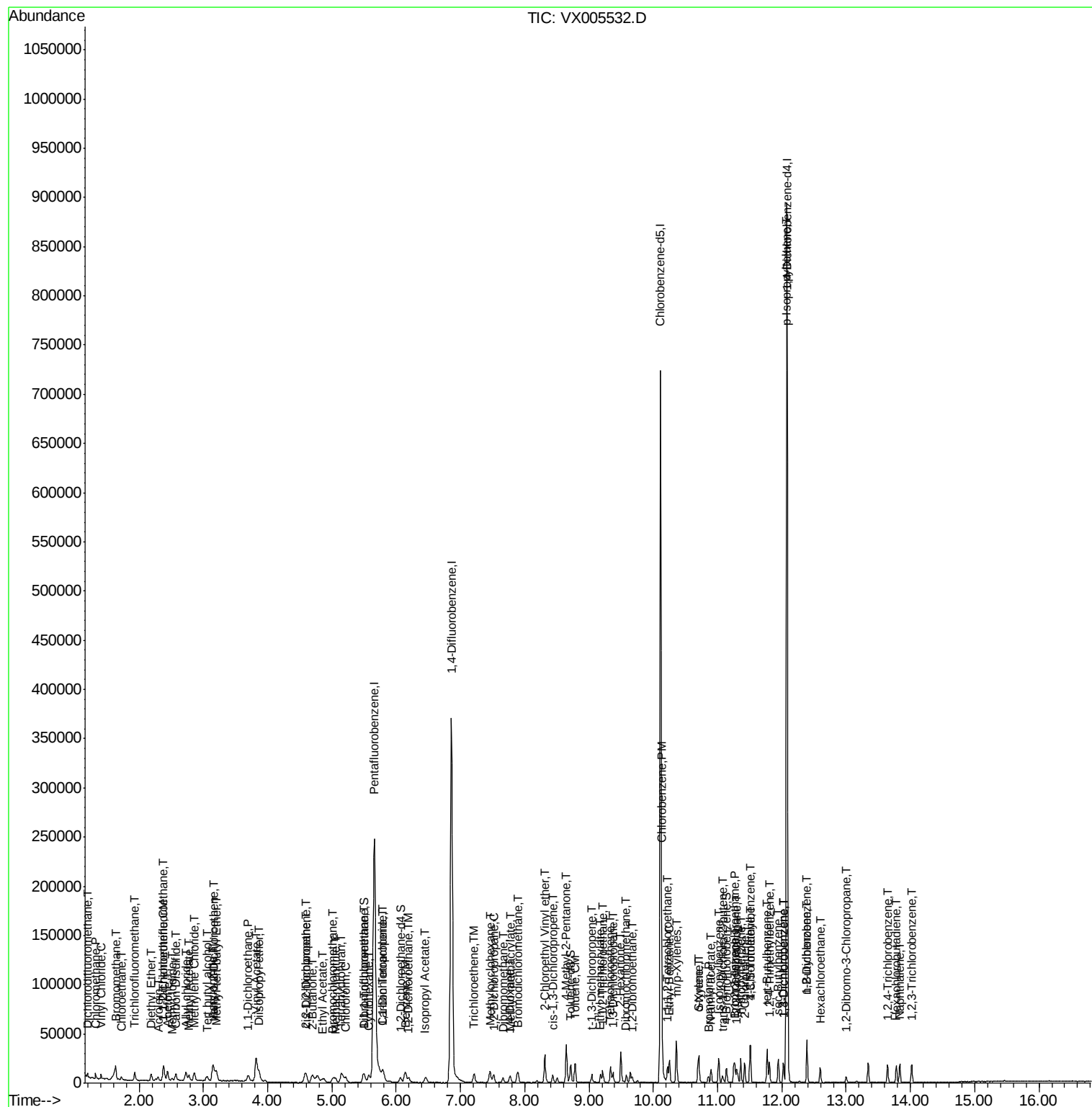
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4574	1.053	ug/l	99
94) Hexachlorobutadiene	13.79	225	2849	1.266	ug/l	94
95) Naphthalene	13.83	128	11500	0.911	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	4464	1.014	ug/l	96

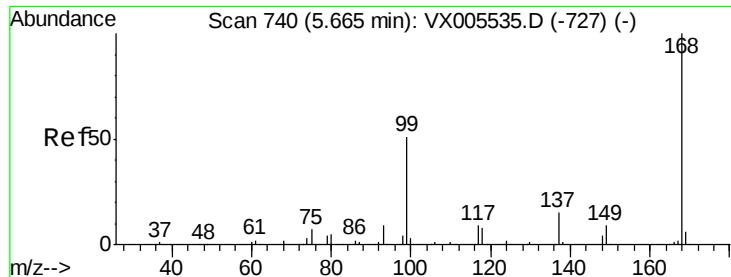
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX005532.D
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 Sample : VSTDIC001
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 ClientSampleId :
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Quant Time: Oct 25 01:48:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

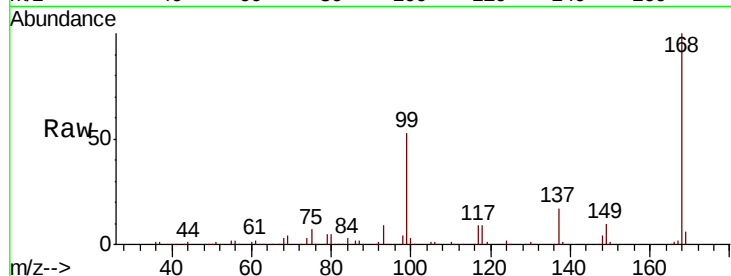
VSTDIC001

Tgt Ion:168 Resp: 257906

Ion Ratio Lower Upper

168 100

99 52.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

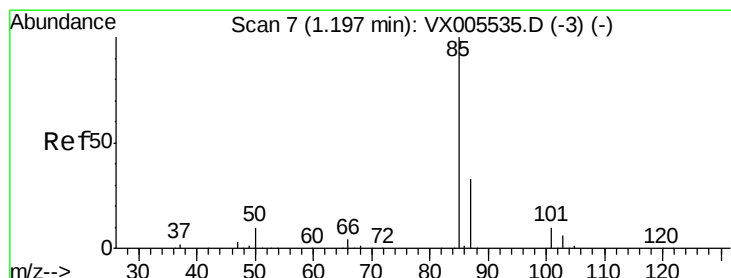
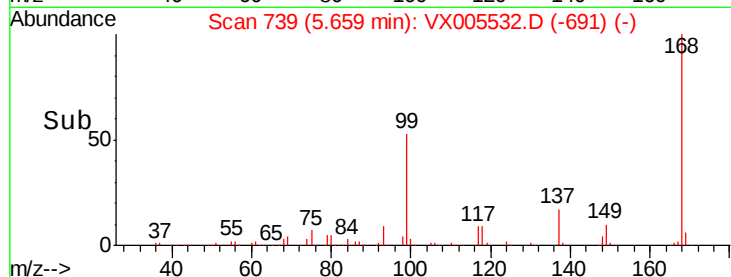
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 0.906 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005532.D

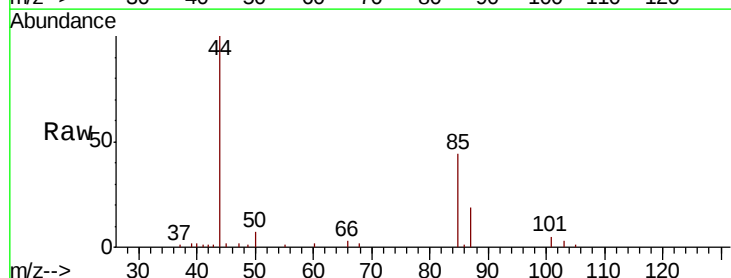
Acq: 24 Oct 2018 10:39

Tgt Ion: 85 Resp: 2307

Ion Ratio Lower Upper

85 100

87 43.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2500

2000

1500

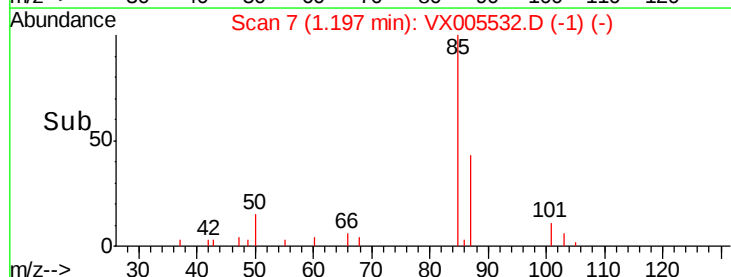
1000

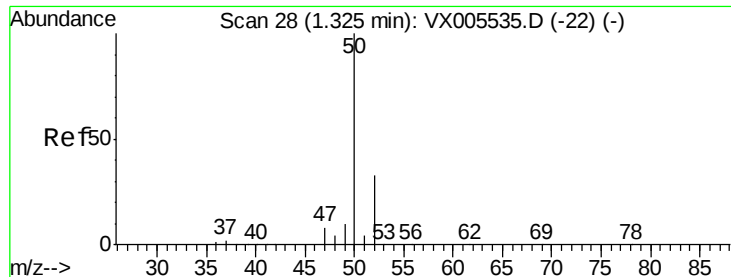
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.116 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

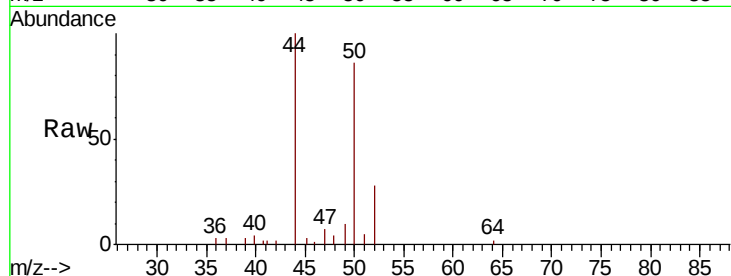
VSTDIC001

Tgt Ion: 50 Resp: 3617

Ion Ratio Lower Upper

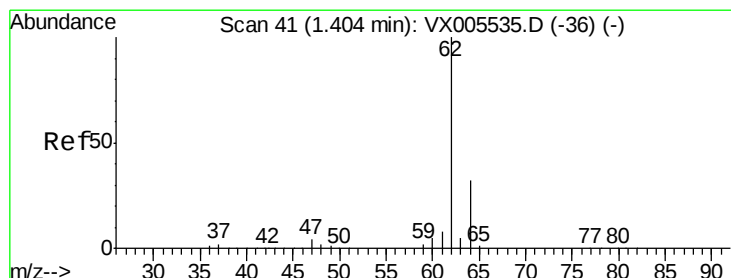
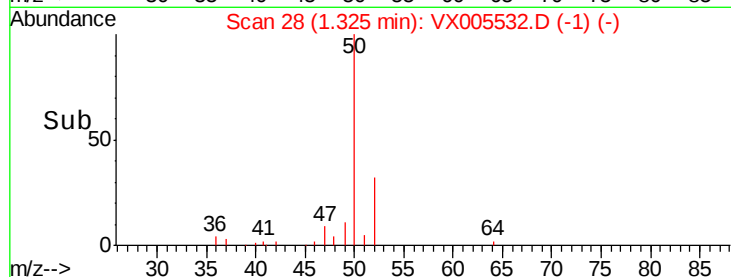
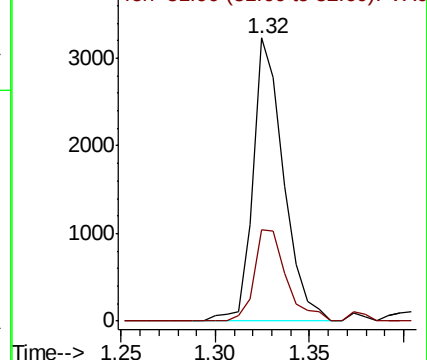
50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.134 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005532.D

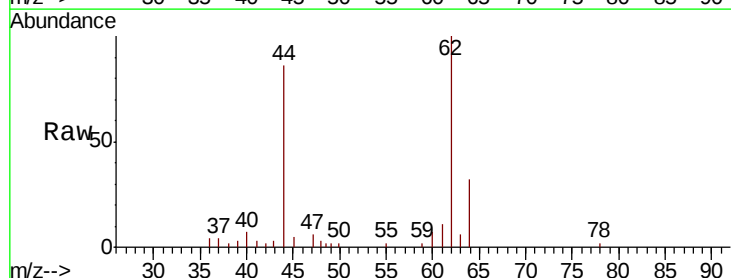
Acq: 24 Oct 2018 10:39

Tgt Ion: 62 Resp: 3614

Ion Ratio Lower Upper

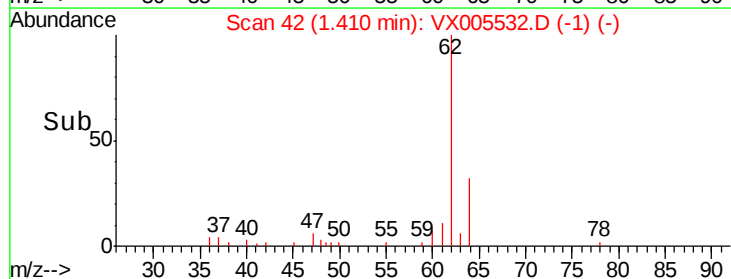
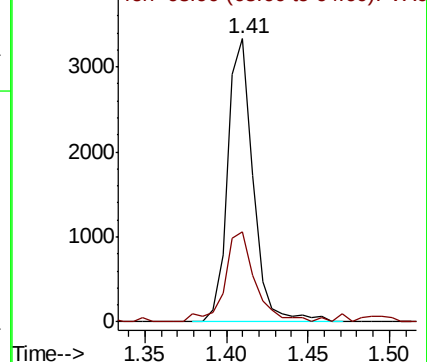
62 100

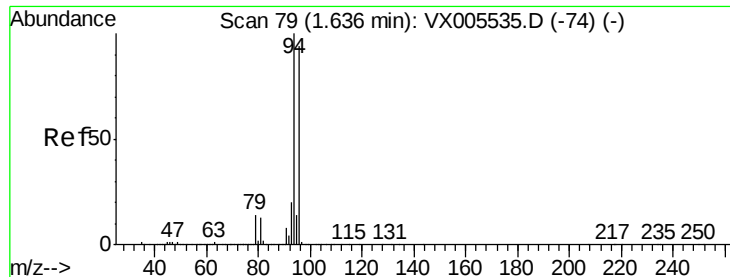
64 28.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.144 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

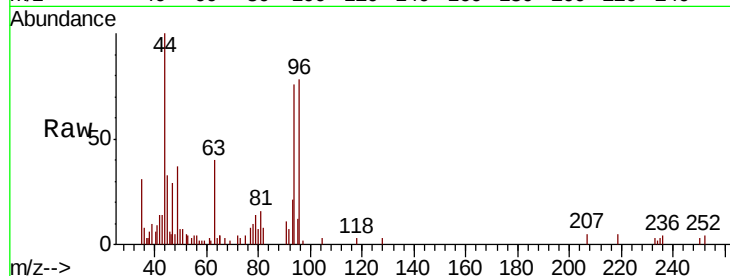
VSTDIC001

Tgt Ion: 94 Resp: 2269

Ion Ratio Lower Upper

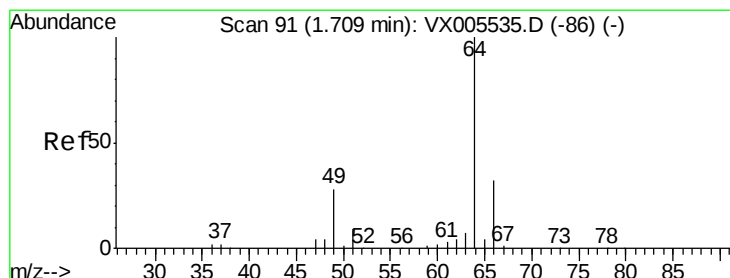
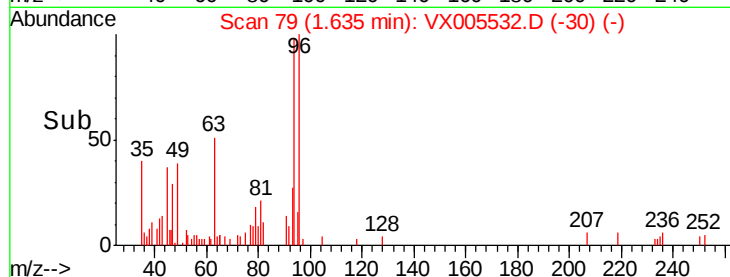
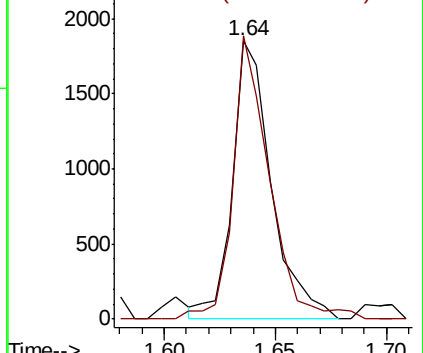
94 100

96 98.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.232 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005532.D

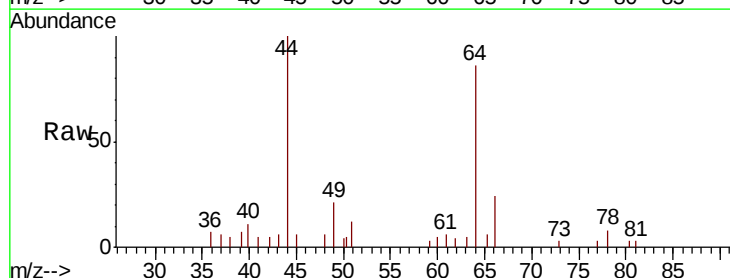
Acq: 24 Oct 2018 10:39

Tgt Ion: 64 Resp: 2508

Ion Ratio Lower Upper

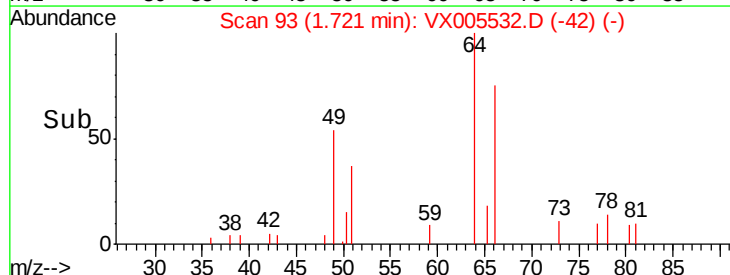
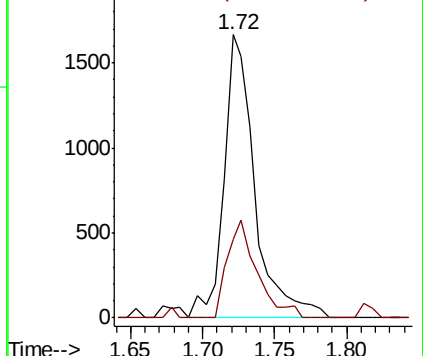
64 100

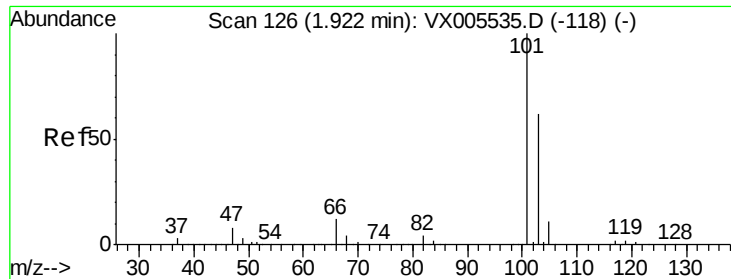
66 27.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



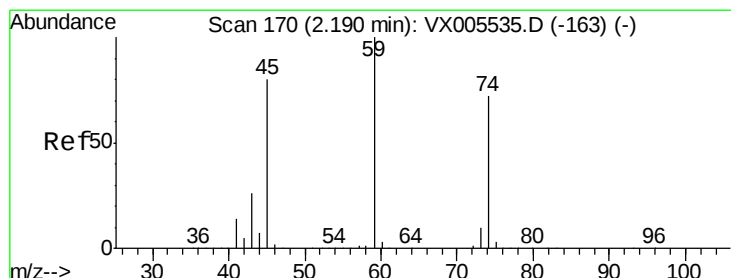
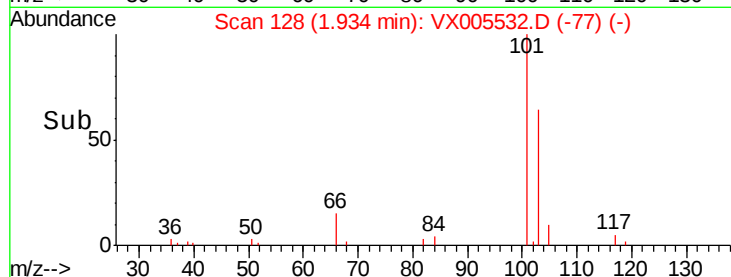
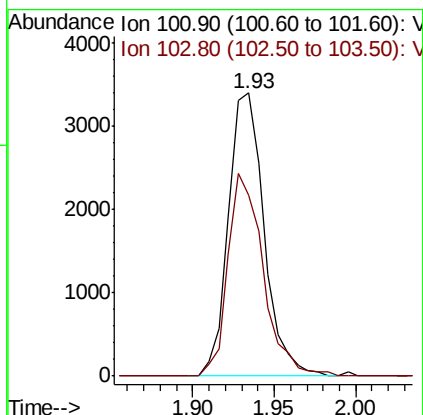
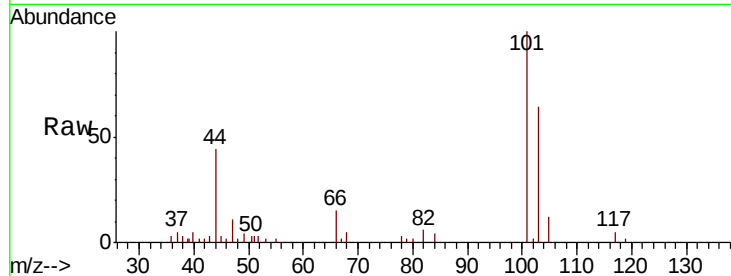


#7

Trichlorofluoromethane
 Concen: 1.174 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

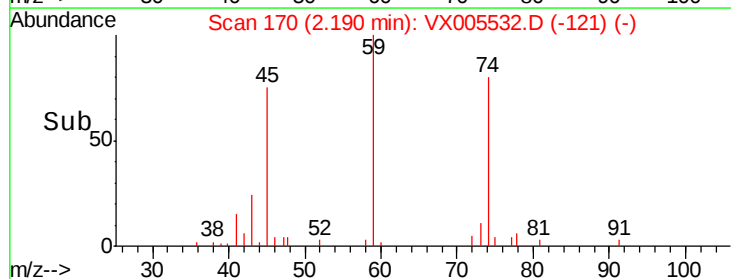
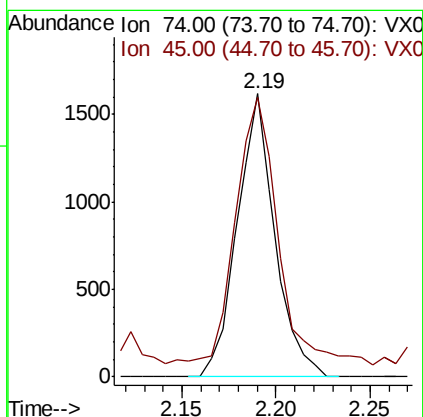
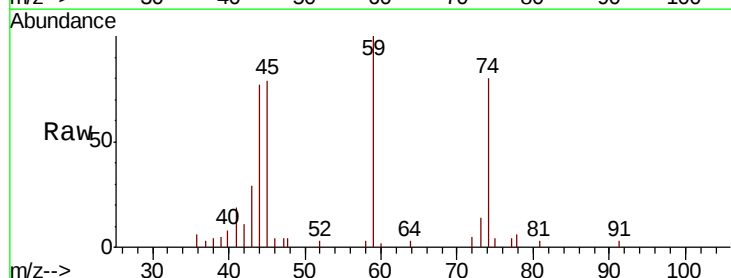
Tgt Ion: 101 Resp: 5199
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.0 75.0



#8

Diethyl Ether
 Concen: 1.260 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 74 Resp: 2228
 Ion Ratio Lower Upper
 74 100
 45 105.8 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.214 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

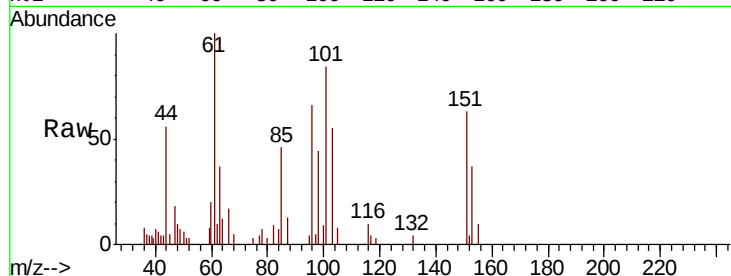
Tgt Ion:101 Resp: 3086

Ion Ratio Lower Upper

101 100

85 48.4 35.0 52.4

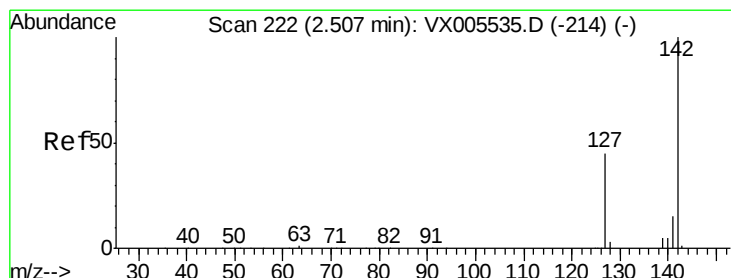
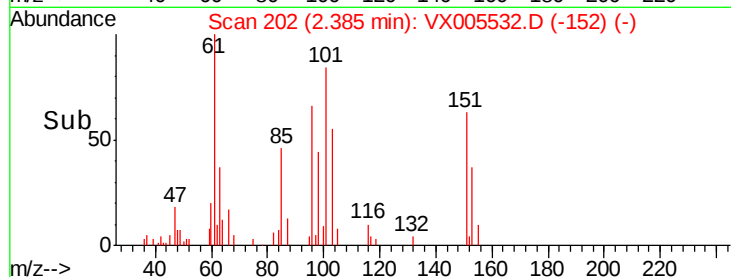
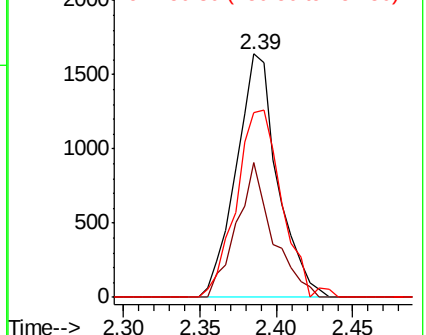
151 84.4 66.2 99.2



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: 0.893 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

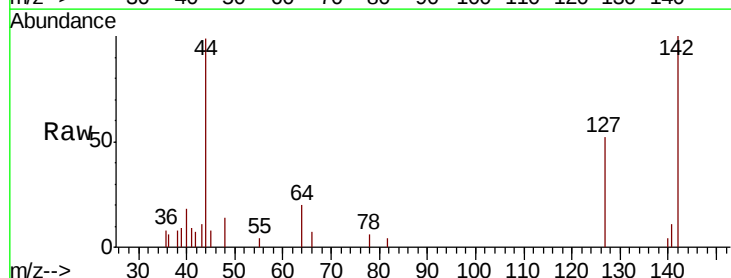
Tgt Ion:142 Resp: 2145

Ion Ratio Lower Upper

142 100

127 47.8 36.0 54.0

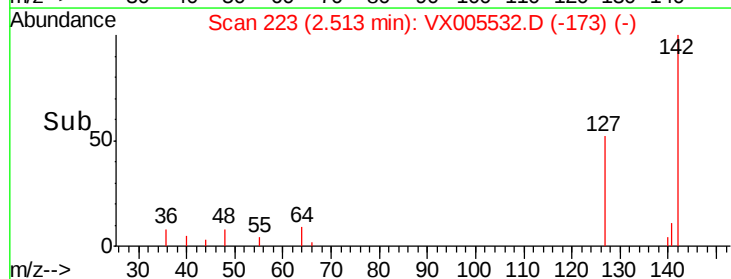
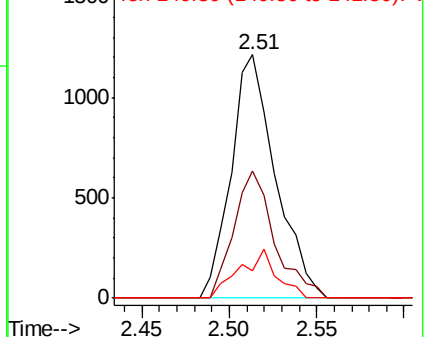
141 16.6 11.7 17.5

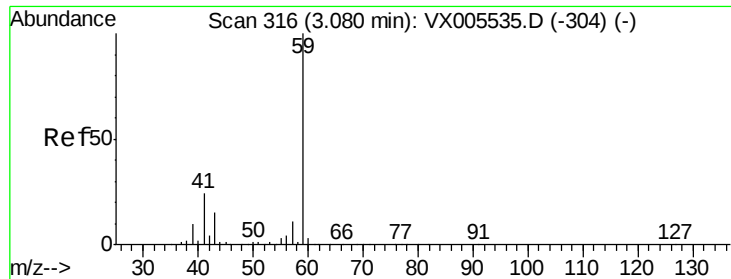


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

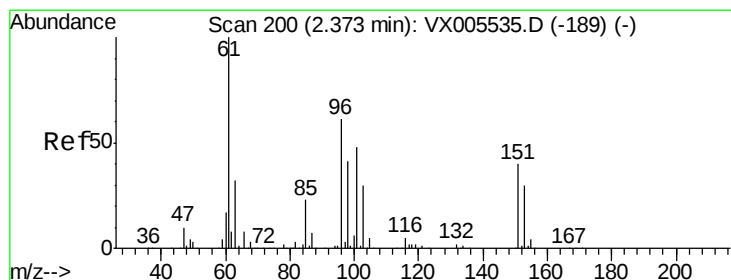
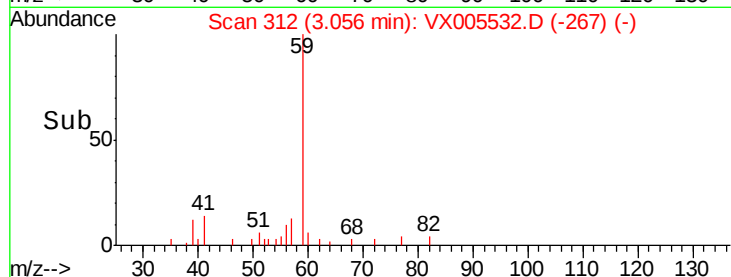
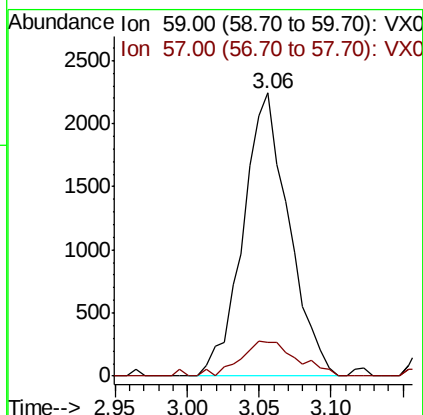
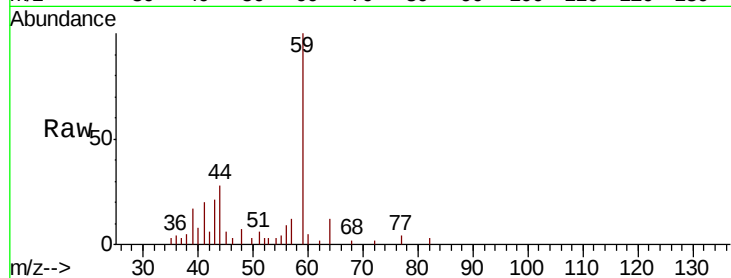




#11
Tert butyl alcohol
Concen: 5.836 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

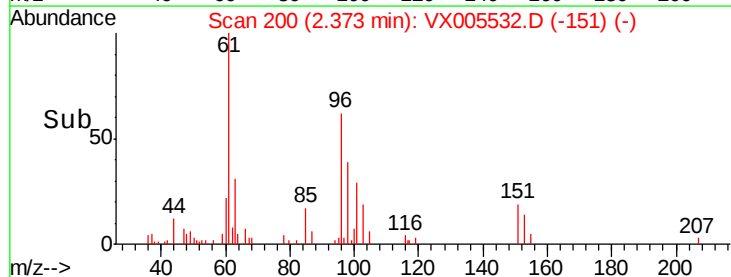
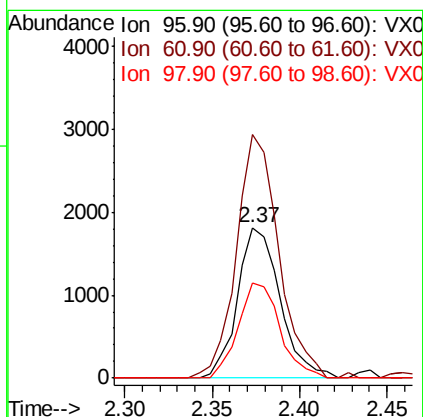
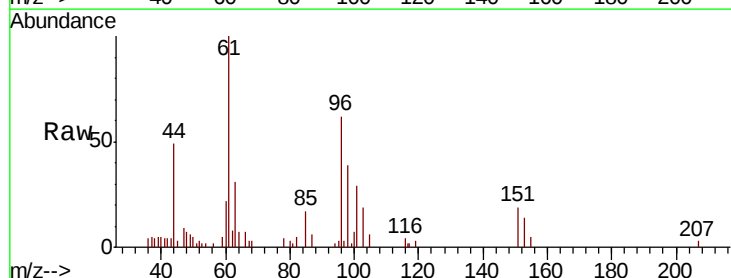
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

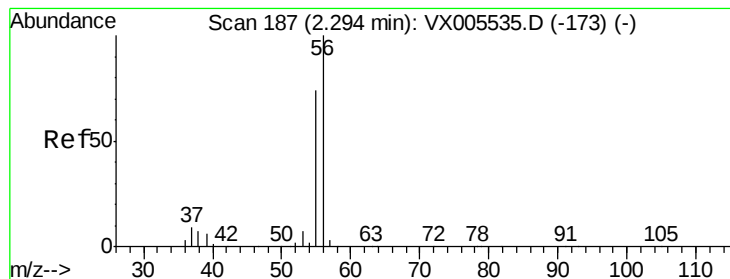
Tgt Ion: 59 Resp: 4944
Ion Ratio Lower Upper
59 100
57 15.1 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.276 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 96 Resp: 3090
Ion Ratio Lower Upper
96 100
61 162.1 131.8 197.8
98 63.2 53.4 80.2





#13

Acrolein

Concen: 5.852 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

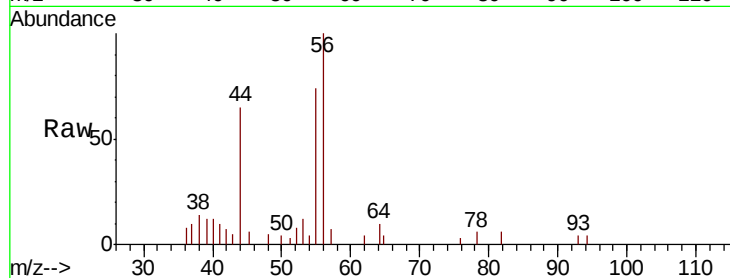
VSTDIC001

Tgt Ion: 56 Resp: 2529

Ion Ratio Lower Upper

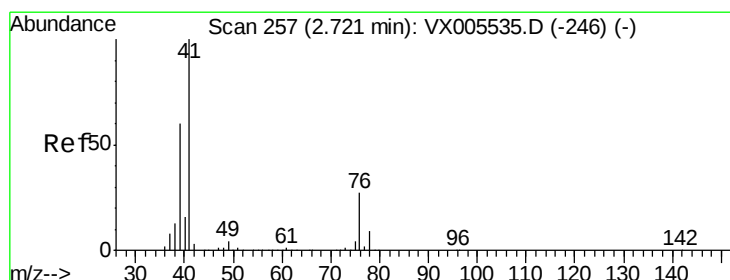
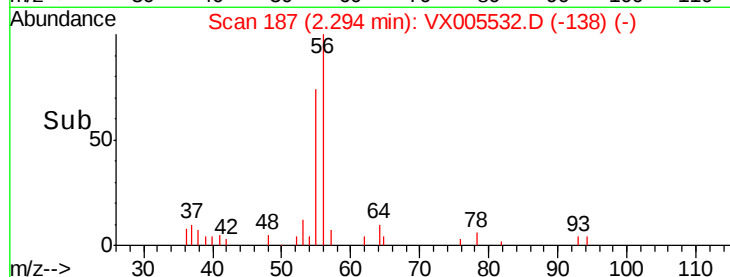
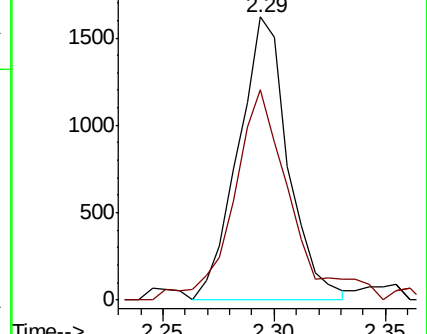
56 100

55 83.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.141 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

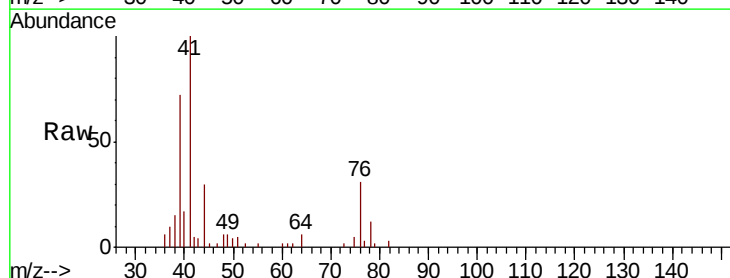
Tgt Ion: 41 Resp: 6163

Ion Ratio Lower Upper

41 100

39 64.0 48.2 72.4

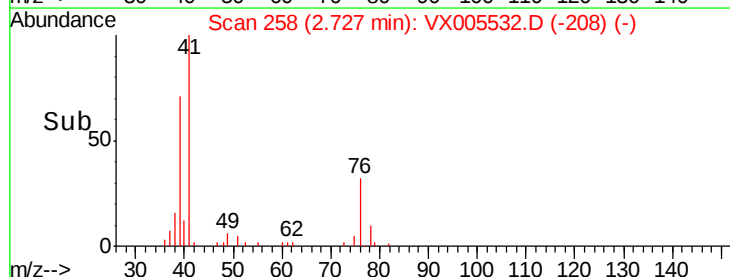
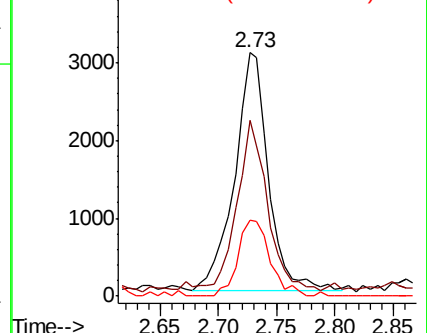
76 30.2 21.9 32.9

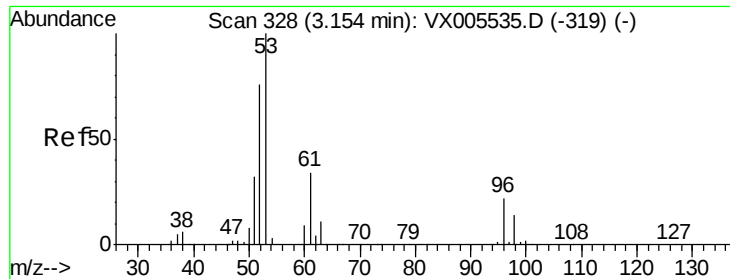


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

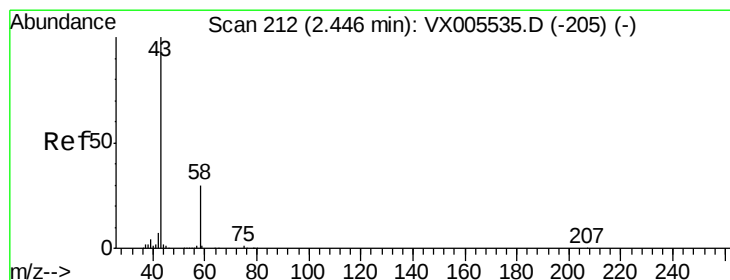
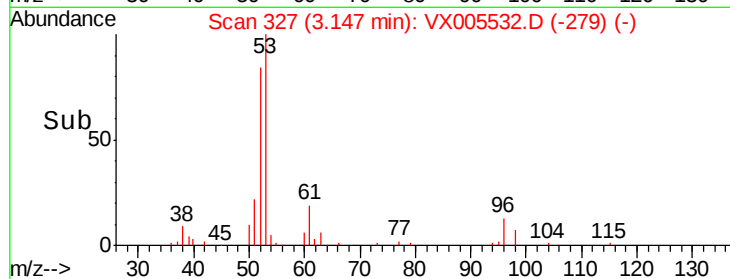
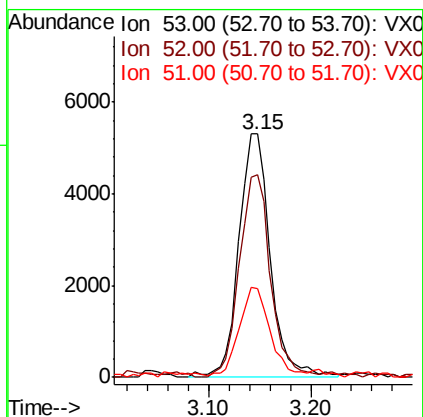
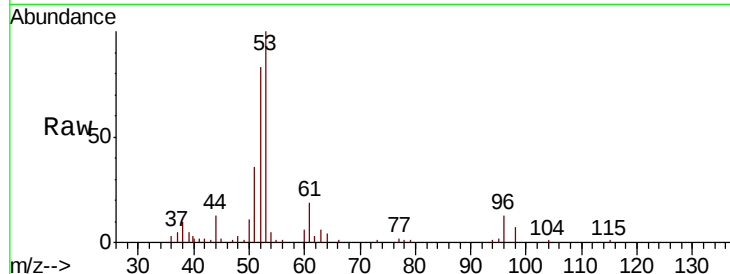




#15
Acrylonitrile
Concen: 6.001 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

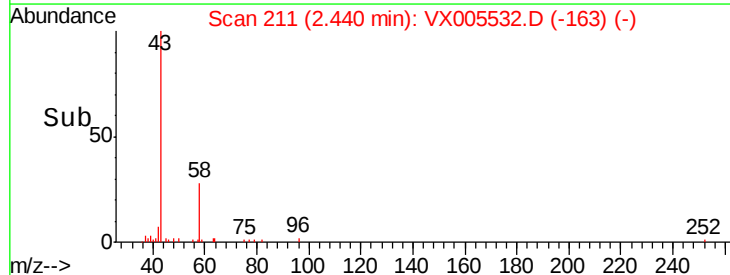
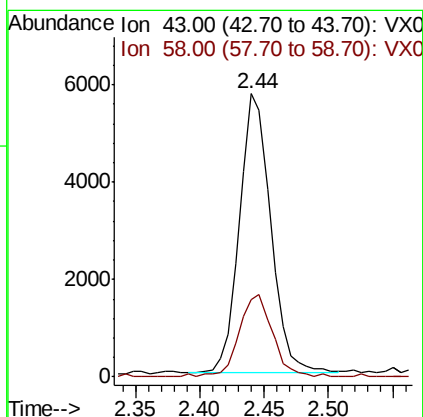
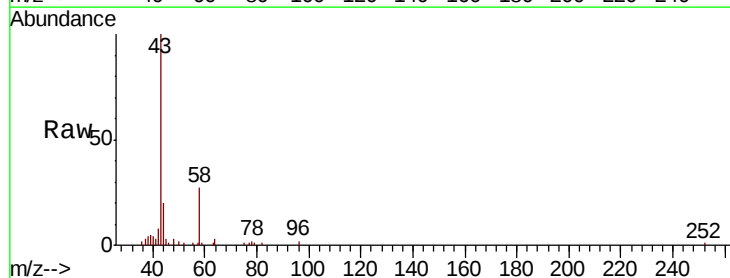
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

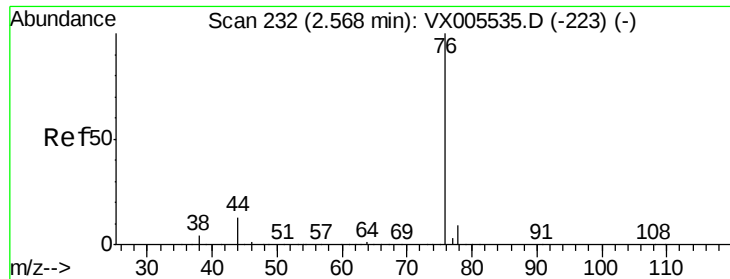
Tgt Ion: 53 Resp: 11401
Ion Ratio Lower Upper
53 100
52 82.2 66.6 99.8
51 36.7 28.4 42.6



#16
Acetone
Concen: 5.806 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 43 Resp: 9658
Ion Ratio Lower Upper
43 100
58 27.9 23.8 35.6

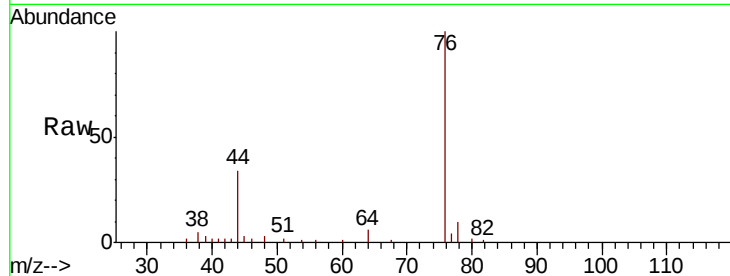




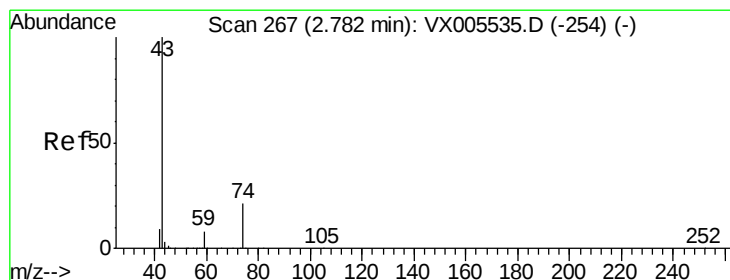
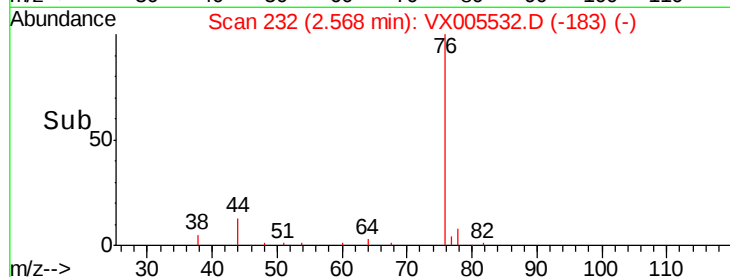
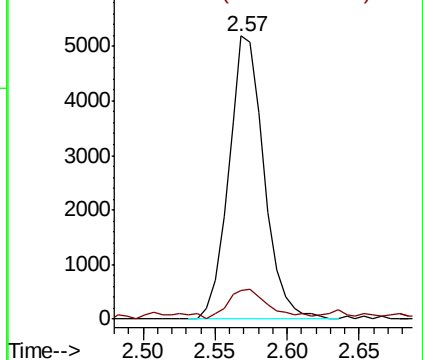
#17
Carbon Disulfide
Concen: 1.200 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 8858
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

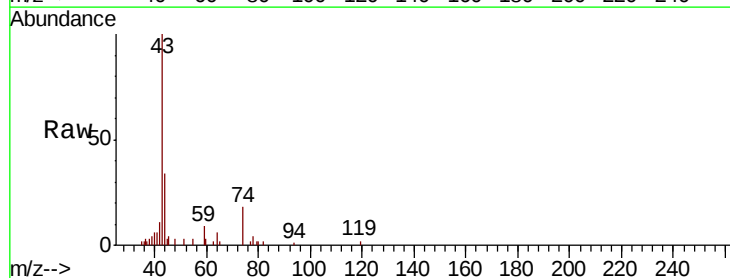


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

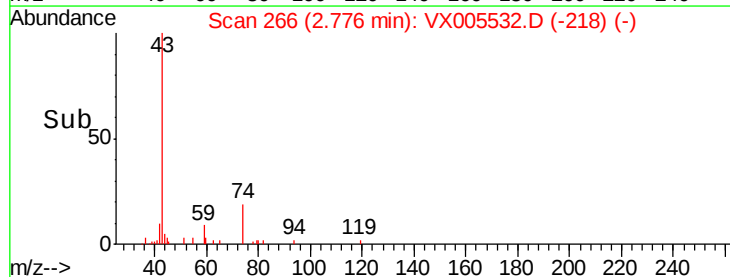
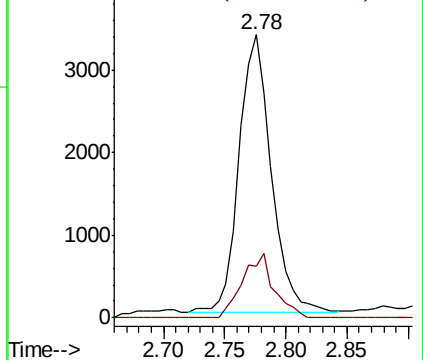


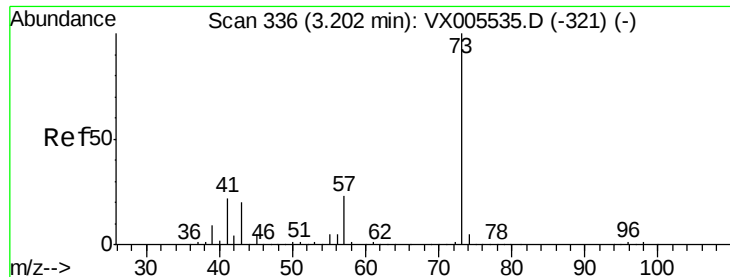
#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 43 Resp: 6126
Ion Ratio Lower Upper
43 100
74 22.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

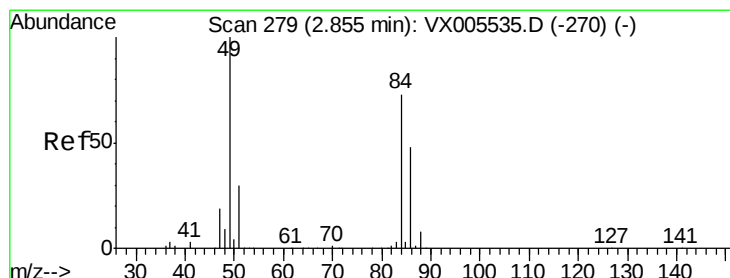
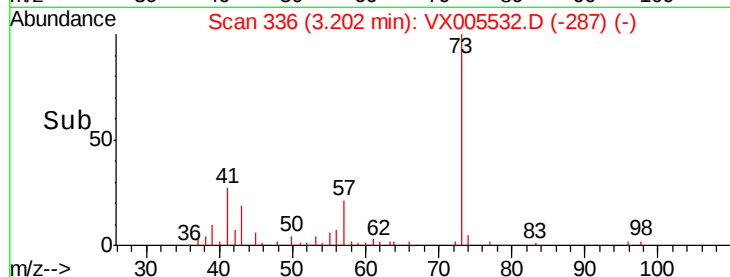
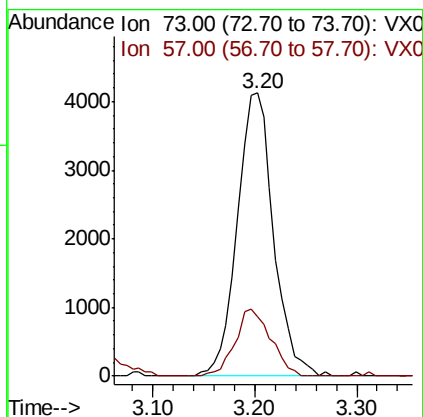
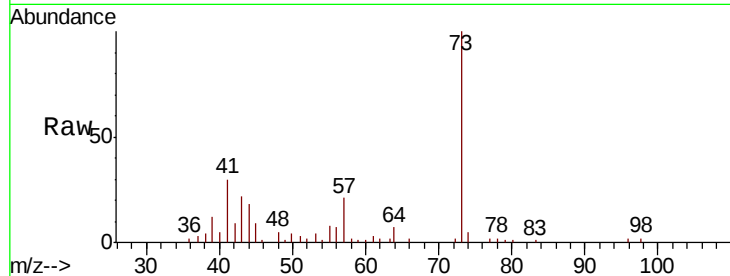




#19
Methyl tert-butyl Ether
Concen: 1.179 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

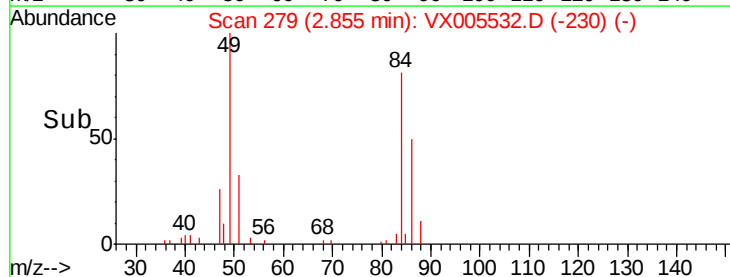
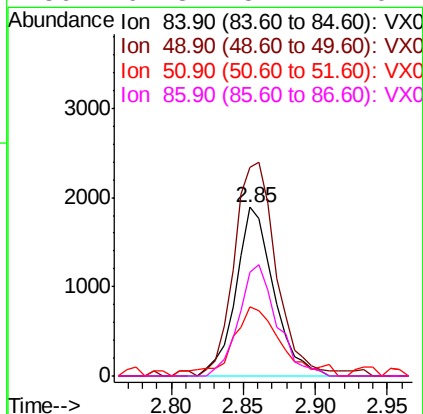
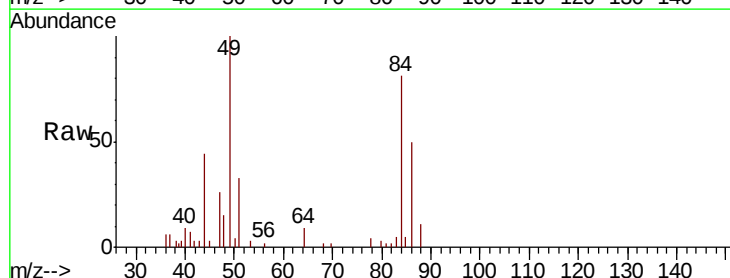
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

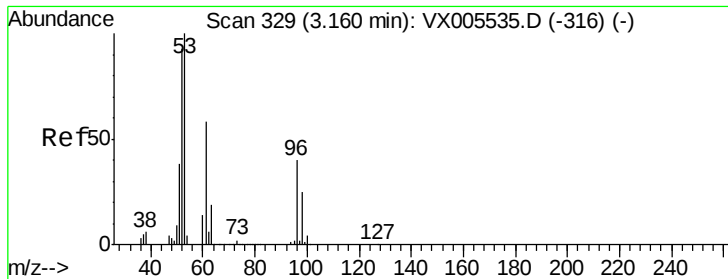
Tgt Ion: 73 Resp: 10181
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2



#20
Methylene Chloride
Concen: 1.242 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 84 Resp: 3461
Ion Ratio Lower Upper
84 100
49 120.6 109.5 164.3
51 41.1 33.3 49.9
86 61.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 1.261 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

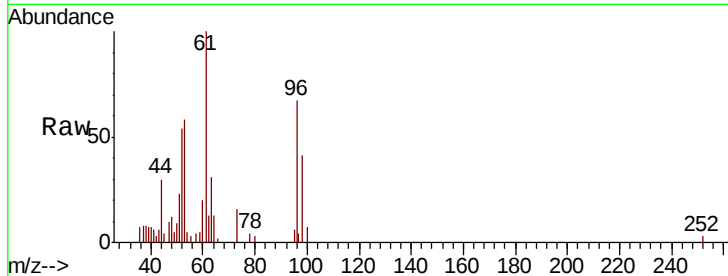
Tgt Ion: 96 Resp: 3334

Ion Ratio Lower Upper

96 100

61 148.7 115.6 173.4

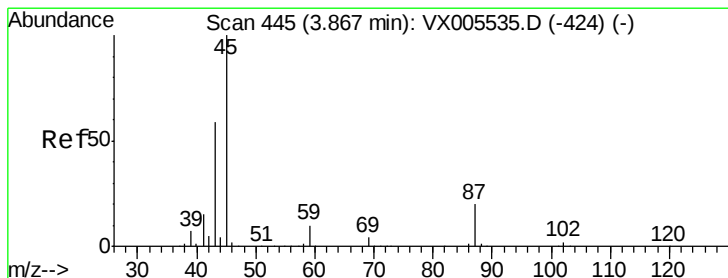
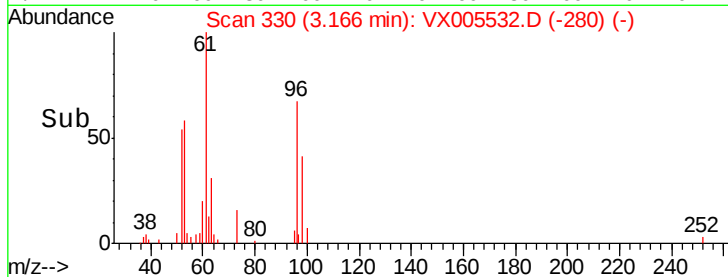
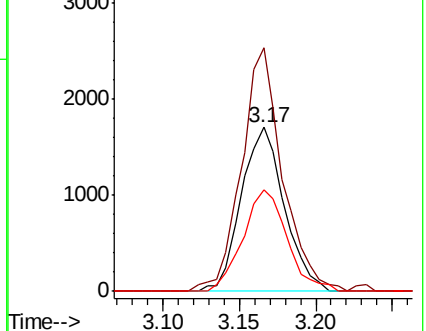
98 61.7 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.206 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion: 45 Resp: 11378

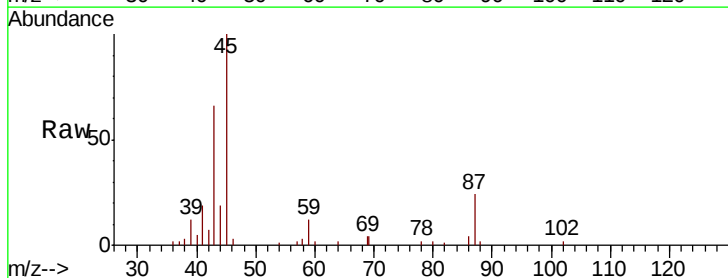
Ion Ratio Lower Upper

45 100

43 63.8 47.4 71.2

87 24.3 15.9 23.9#

59 10.9 7.7 11.5

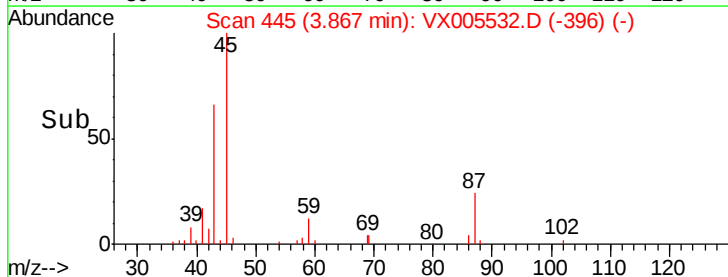
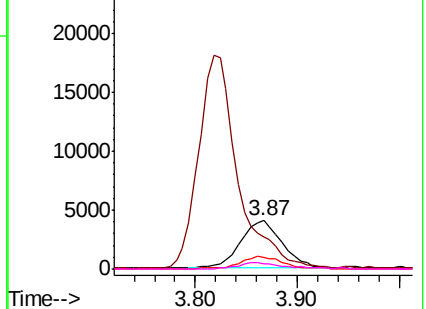


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.846 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

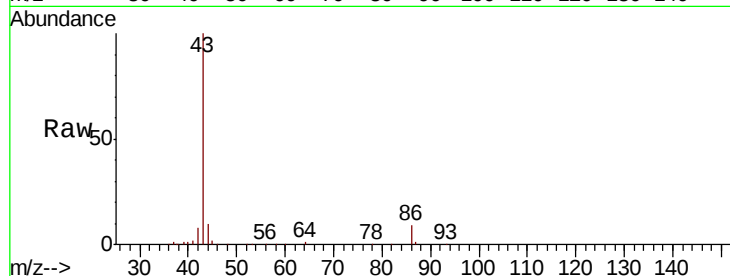
VSTDIC001

Tgt Ion: 43 Resp: 48581

Ion Ratio Lower Upper

43 100

86 9.0 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

20000

15000

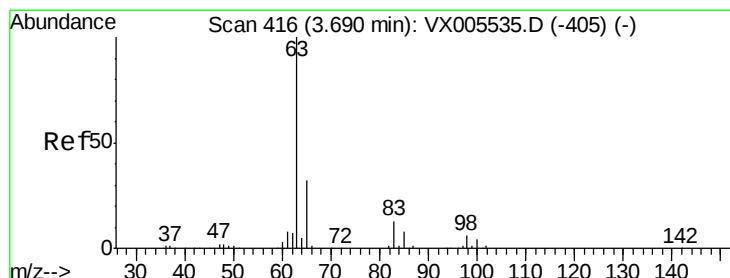
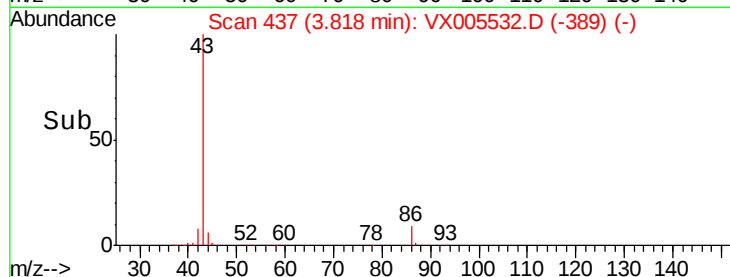
10000

5000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 1.255 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

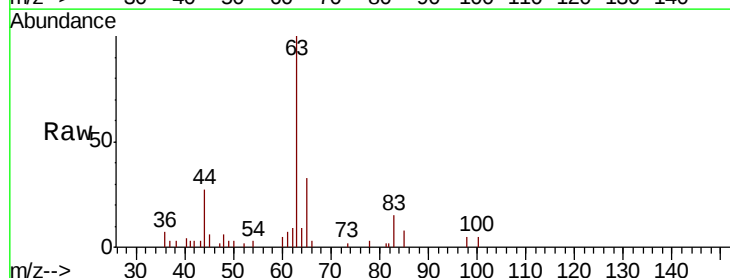
Tgt Ion: 63 Resp: 6438

Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

100 5.2 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

3.70

3000

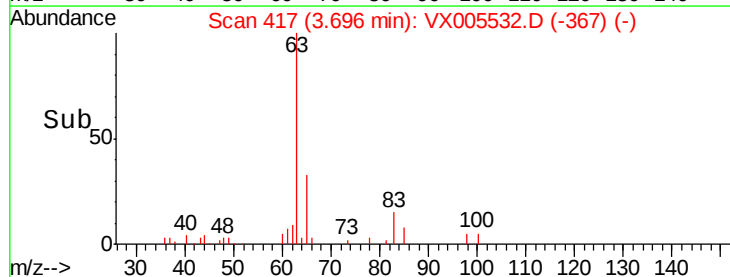
2000

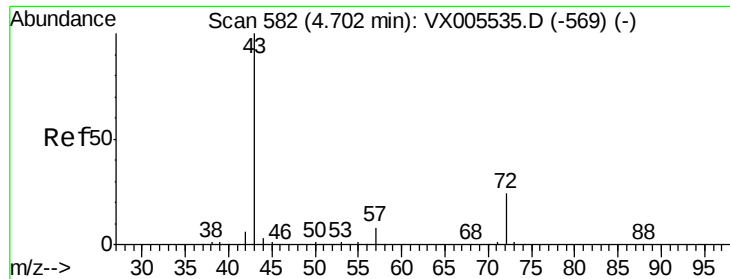
1000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#25

2-Butanone

Concen: 5.441 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

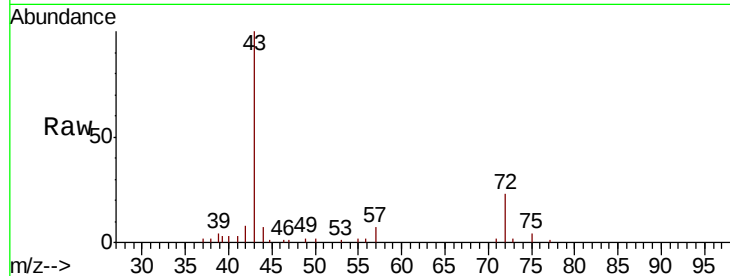
VSTDIC001

Tgt Ion: 43 Resp: 13783

Ion Ratio Lower Upper

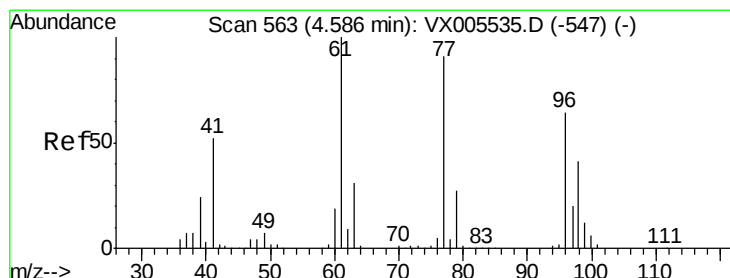
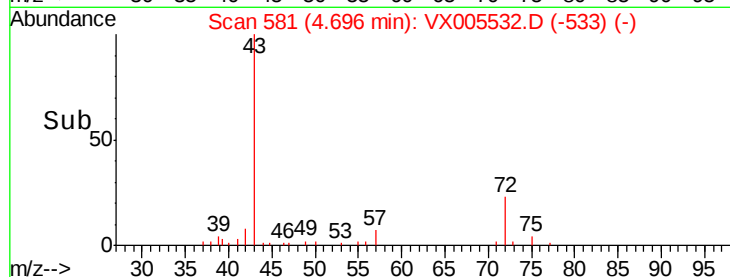
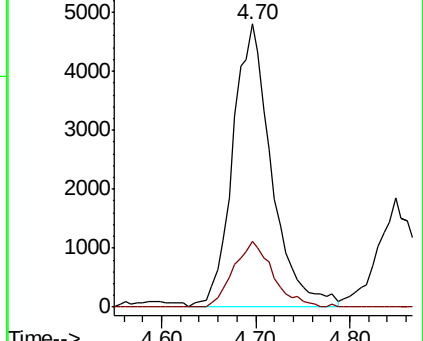
43 100

72 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.231 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005532.D

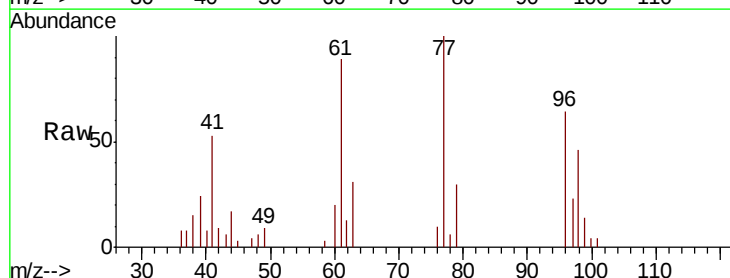
Acq: 24 Oct 2018 10:39

Tgt Ion: 77 Resp: 4877

Ion Ratio Lower Upper

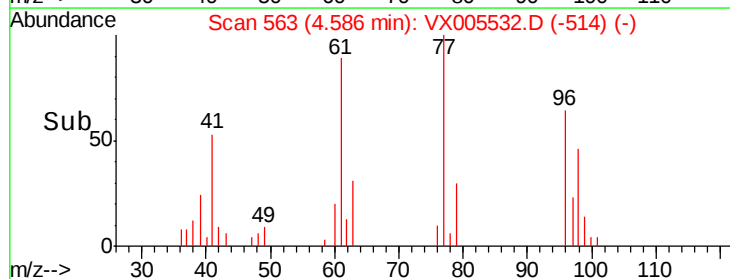
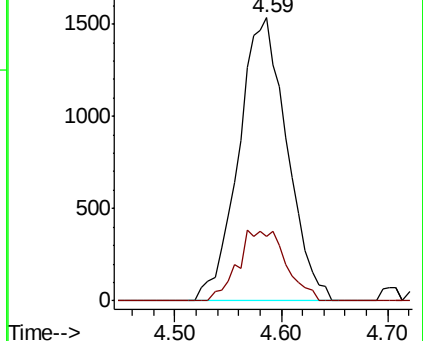
77 100

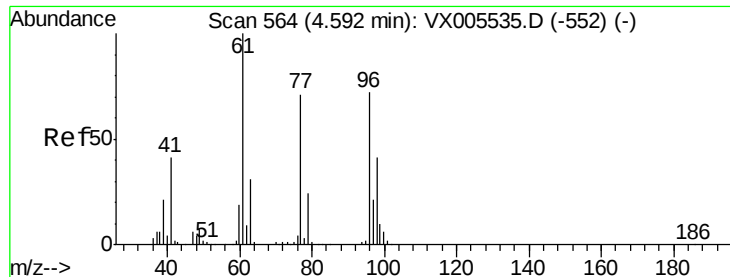
97 24.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



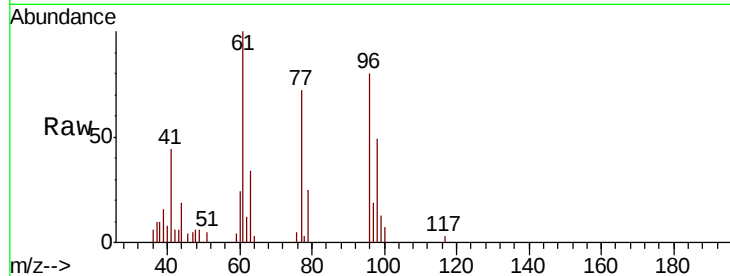


#27

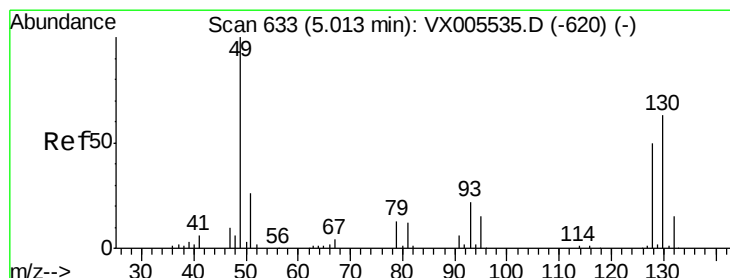
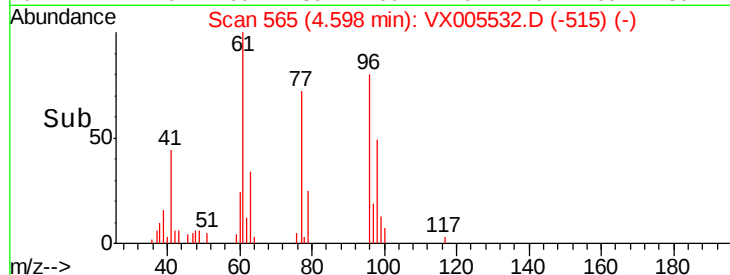
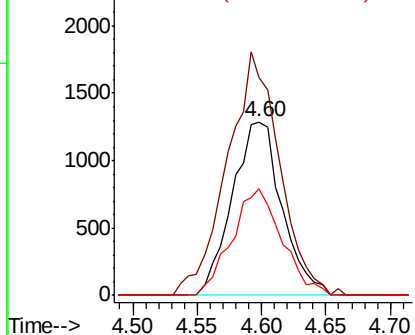
cis-1,2-Dichloroethene
 Concen: 1.208 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 3443
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 304.6
 98 61.8 0.0 127.4



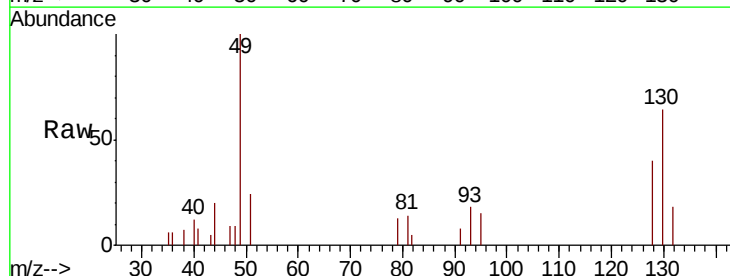
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



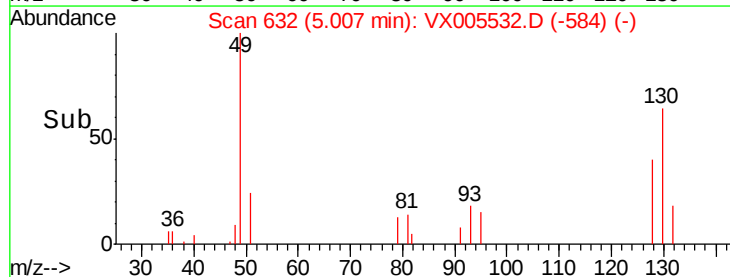
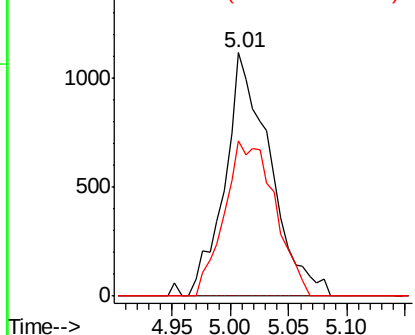
#28

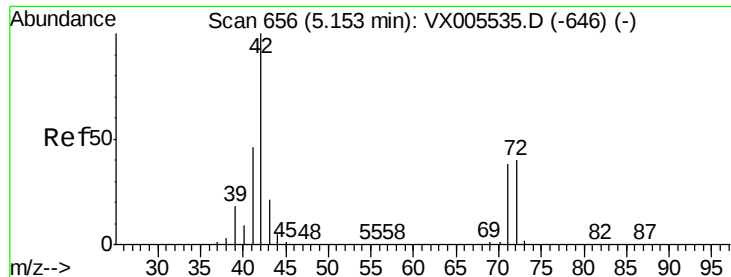
Bromochloromethane
 Concen: 1.215 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 49 Resp: 3014
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 71.0 58.9 88.3



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

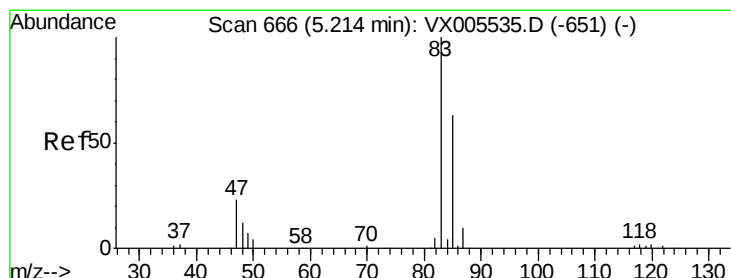
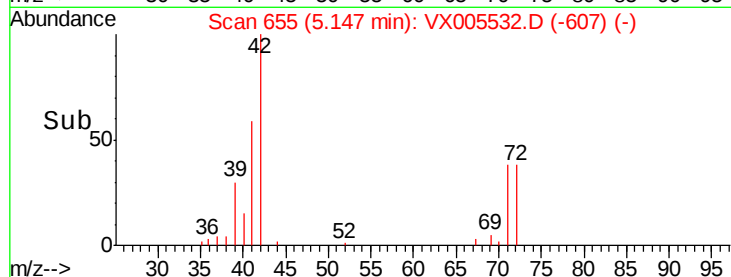
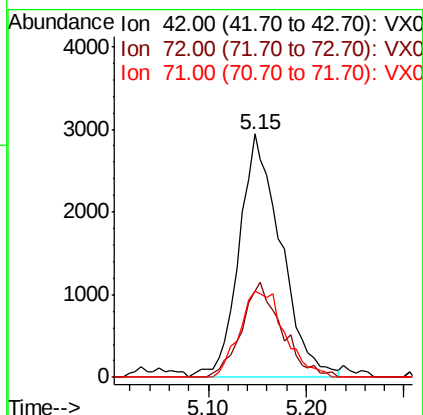
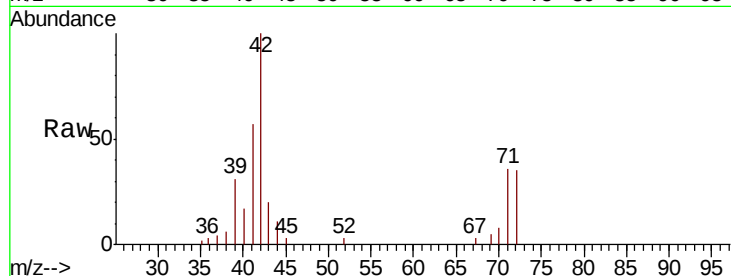




#29
Tetrahydrofuran
Concen: 5.308 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

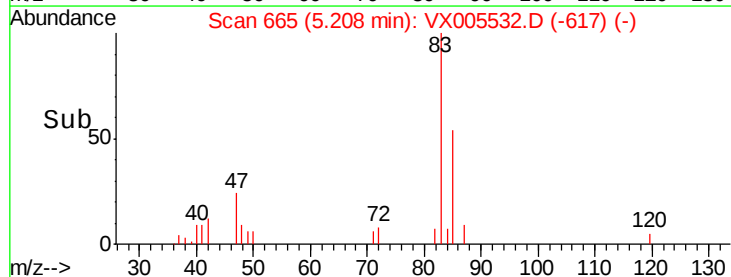
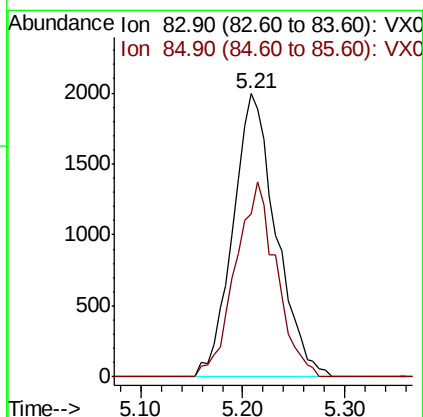
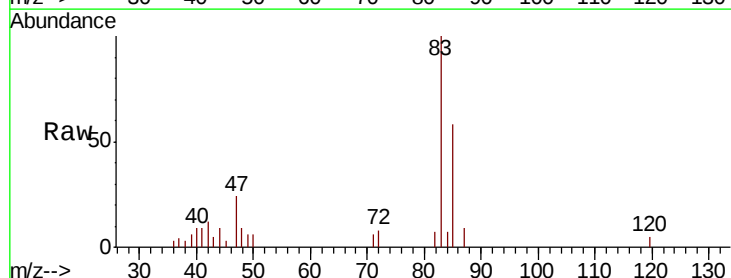
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

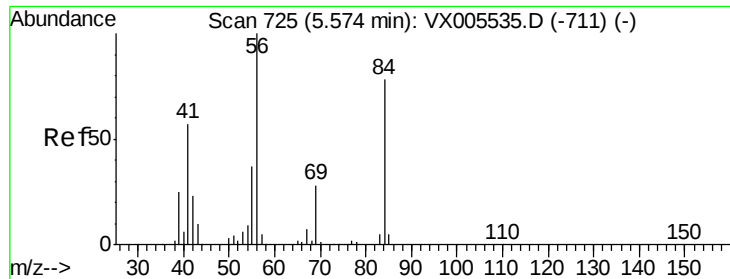
Tgt Ion: 42 Resp: 8751
Ion Ratio Lower Upper
42 100
72 37.4 32.0 48.0
71 38.2 29.8 44.8



#30
Chloroform
Concen: 1.219 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 83 Resp: 5848
Ion Ratio Lower Upper
83 100
85 57.5 50.6 76.0

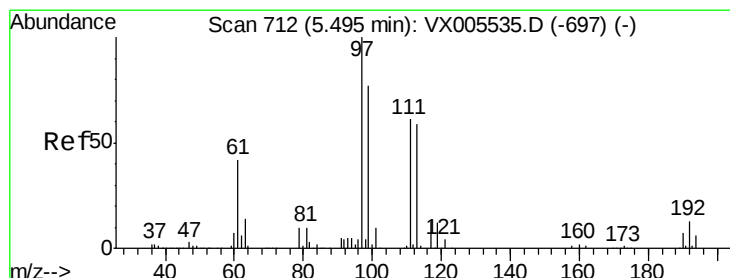
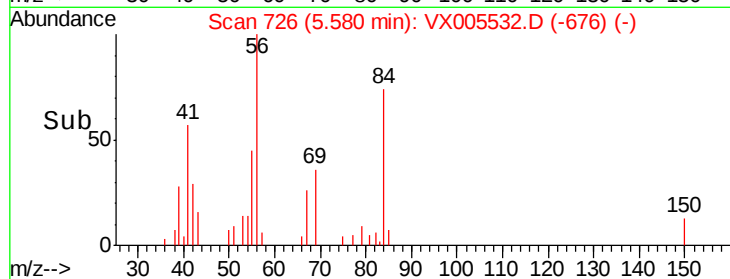
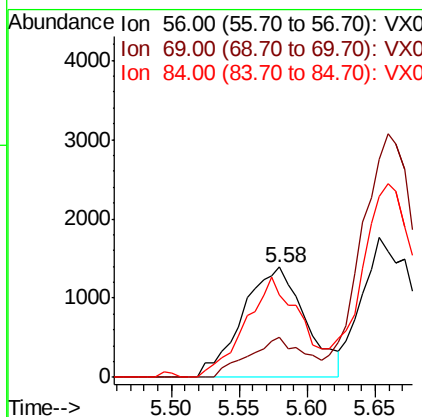
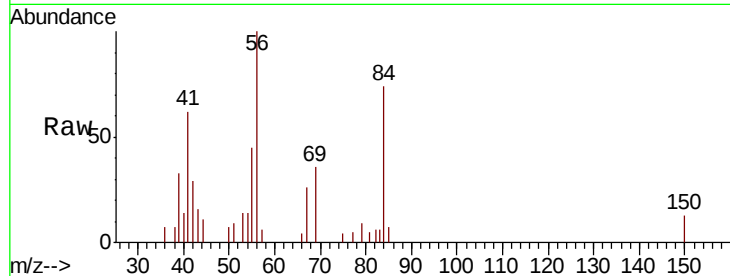




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

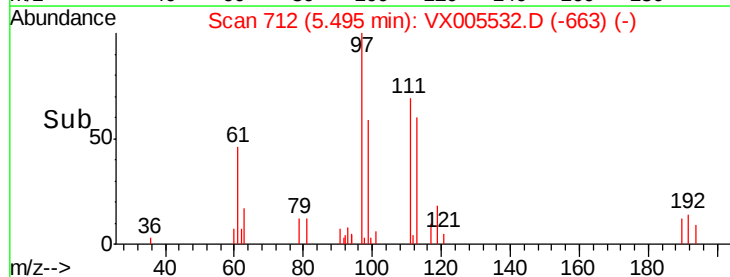
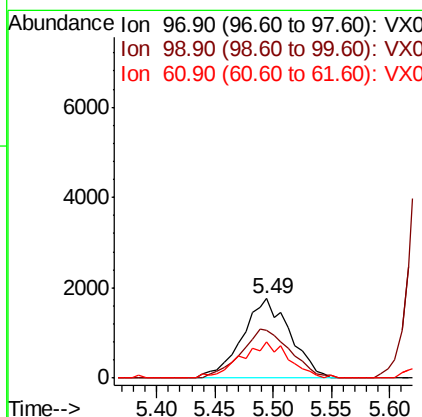
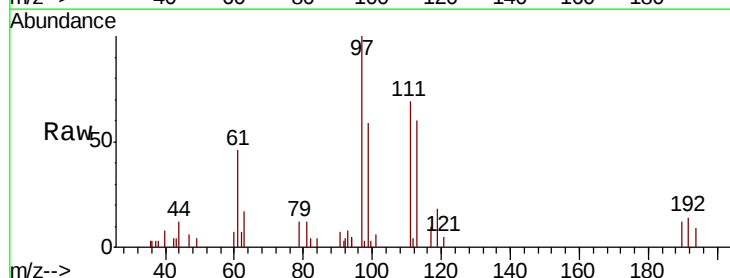
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

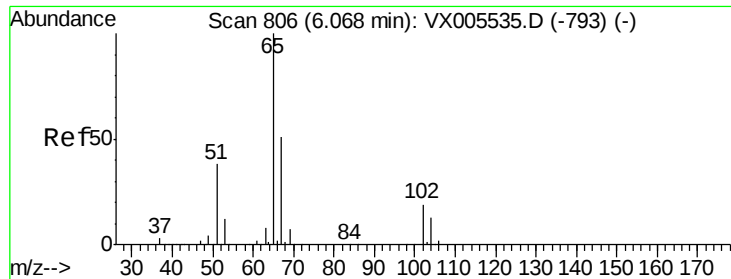
Tgt Ion: 56 Resp: 4518
Ion Ratio Lower Upper
56 100
69 35.9 22.6 34.0#
84 74.5 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 1.186 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 97 Resp: 5023
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 1.477 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

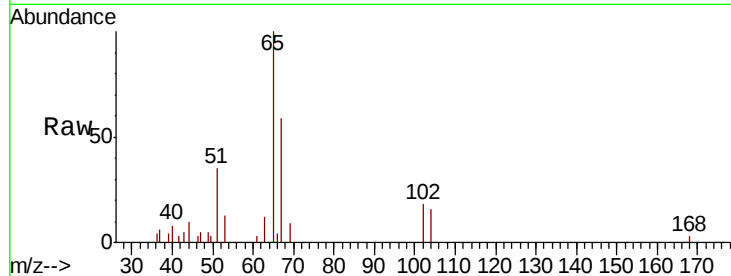
VSTDIC001

Tgt Ion: 65 Resp: 4650

Ion Ratio Lower Upper

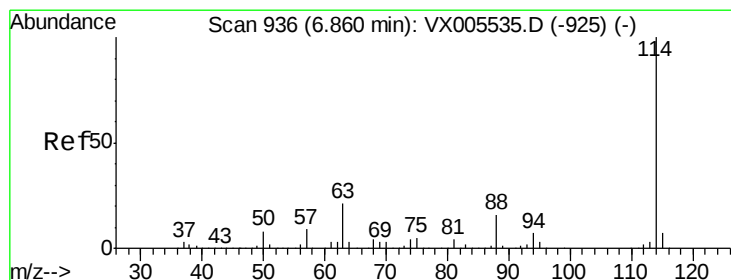
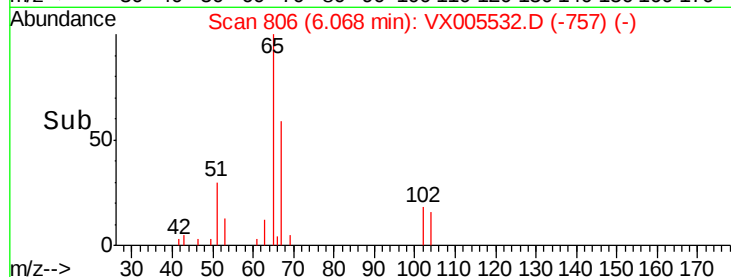
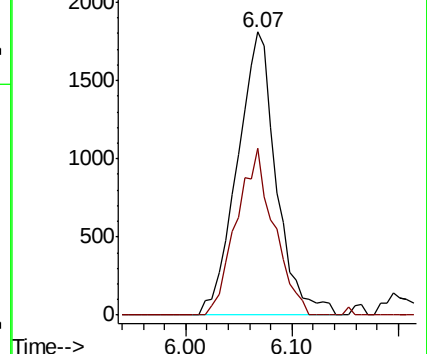
65 100

67 56.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

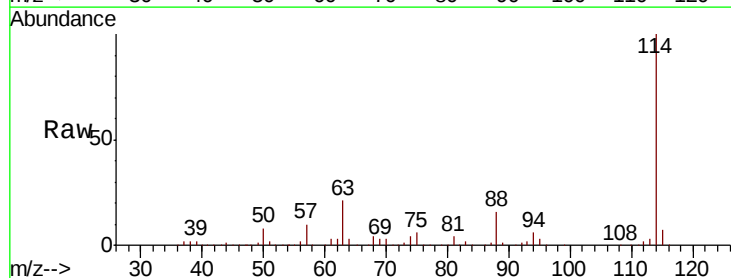
Tgt Ion: 114 Resp: 378954

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

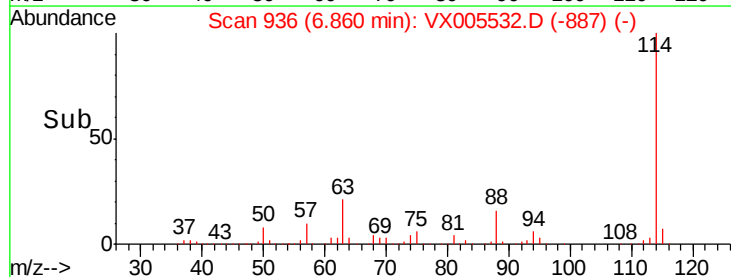
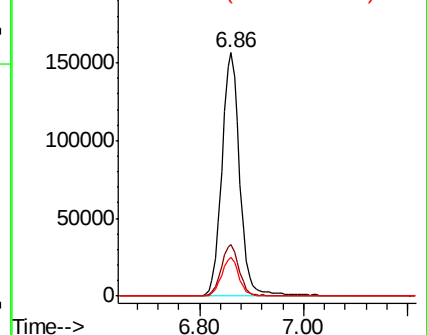
88 15.9 0.0 31.2

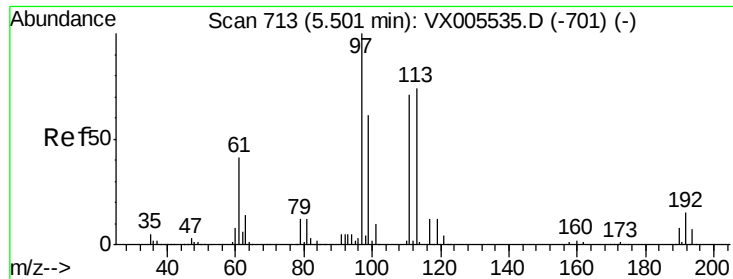


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.356 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

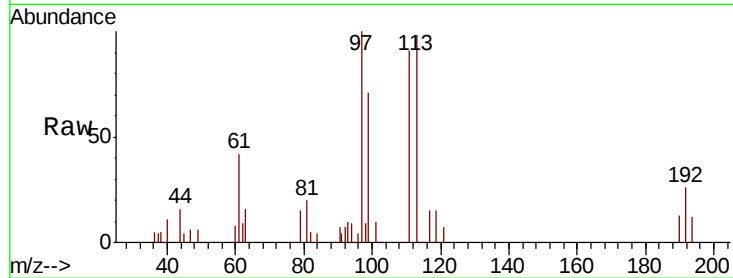
Tgt Ion: 113 Resp: 3480

Ion Ratio Lower Upper

113 100

111 99.6 82.3 123.5

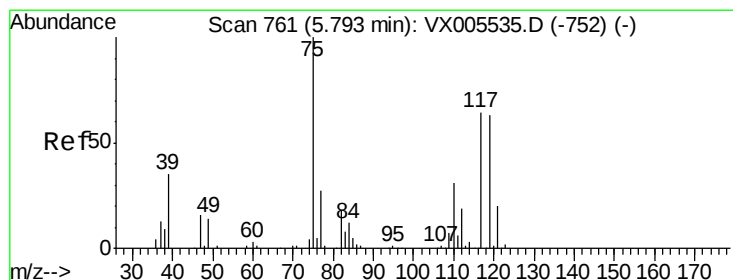
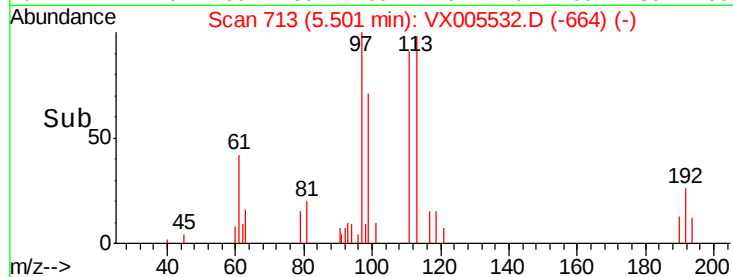
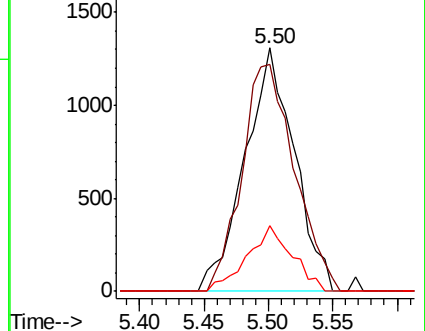
192 24.6 17.9 26.9



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: 1.209 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

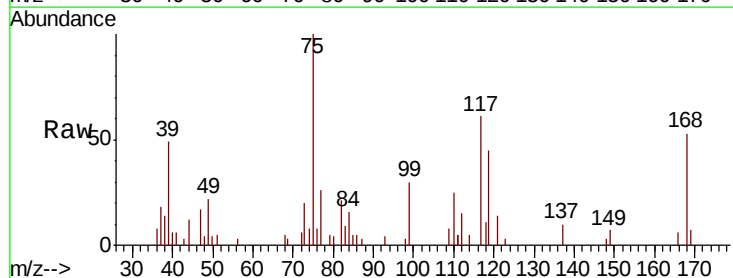
Tgt Ion: 75 Resp: 4445

Ion Ratio Lower Upper

75 100

110 32.8 17.4 52.2

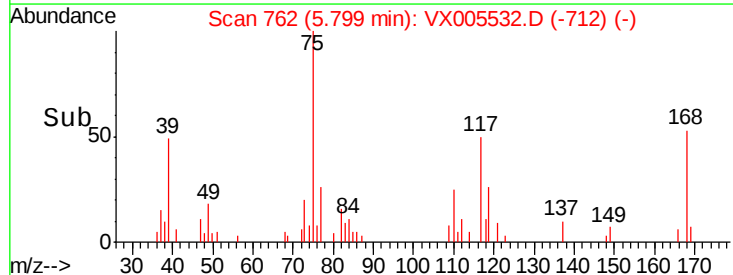
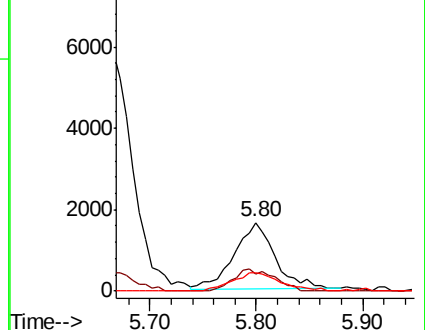
77 32.7 25.8 38.6

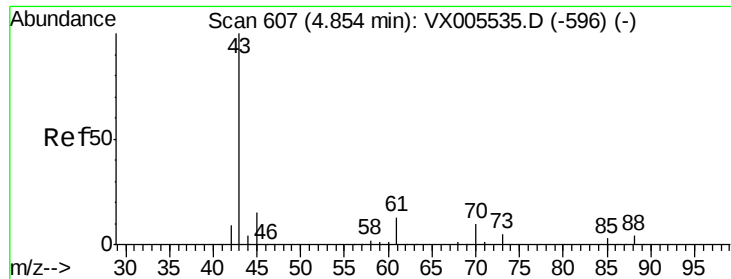


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.130 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

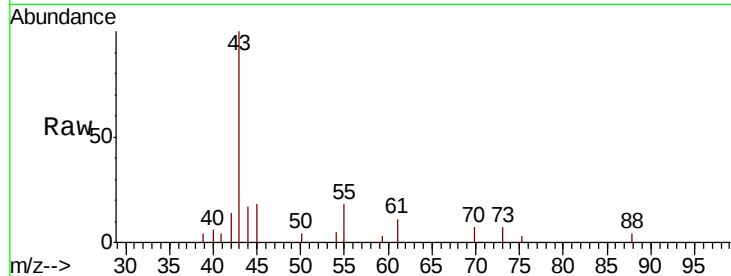
Tgt Ion: 43 Resp: 5303

Ion Ratio Lower Upper

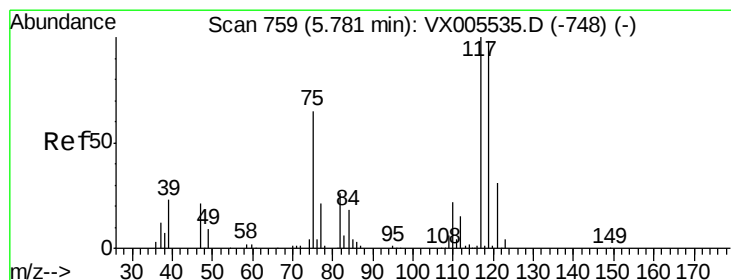
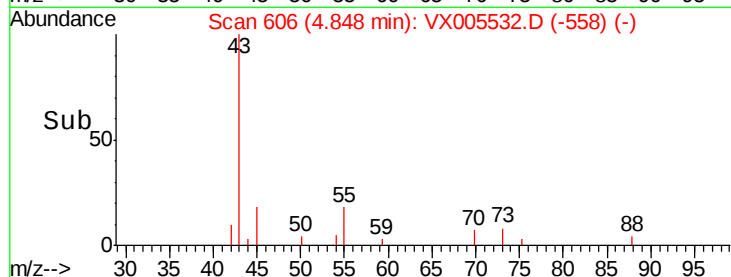
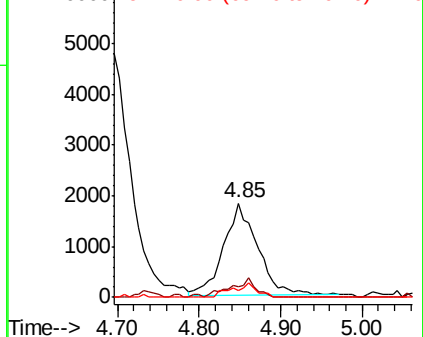
43 100

61 14.8 10.8 16.2

70 11.1 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: 1.231 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

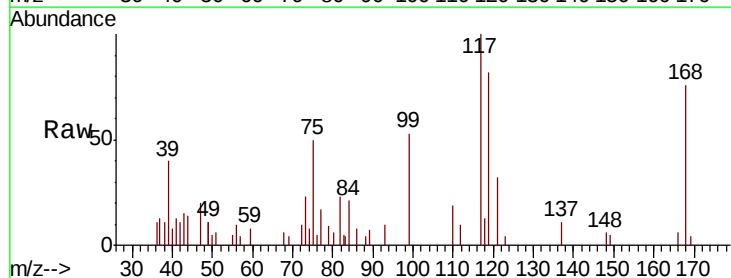
Tgt Ion: 117 Resp: 4770

Ion Ratio Lower Upper

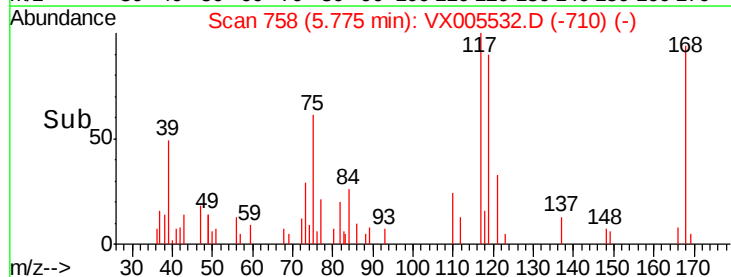
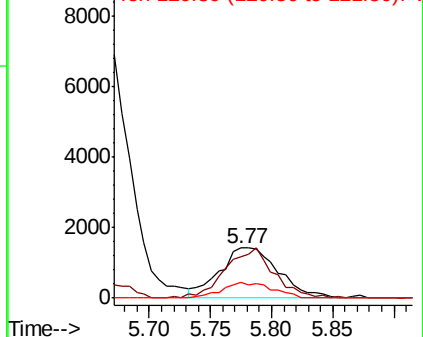
117 100

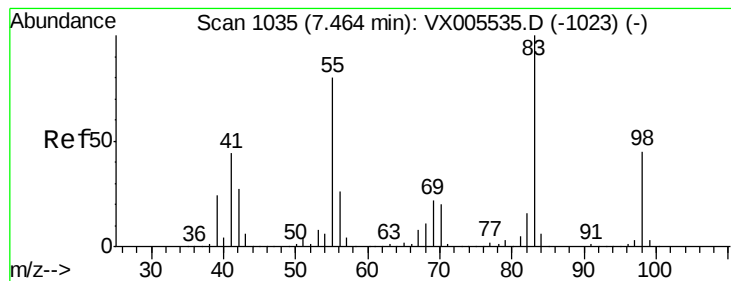
119 78.1 78.1 117.1

121 32.2 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: 1.099 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

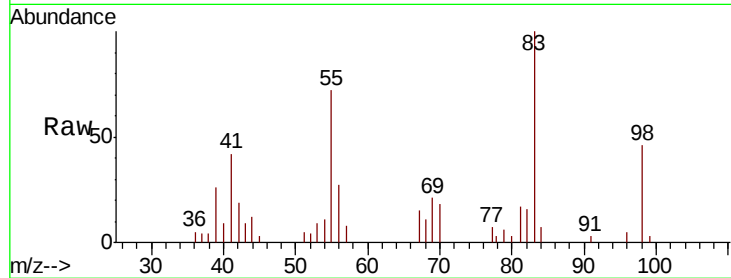
Tgt Ion: 83 Resp: 4462

Ion Ratio Lower Upper

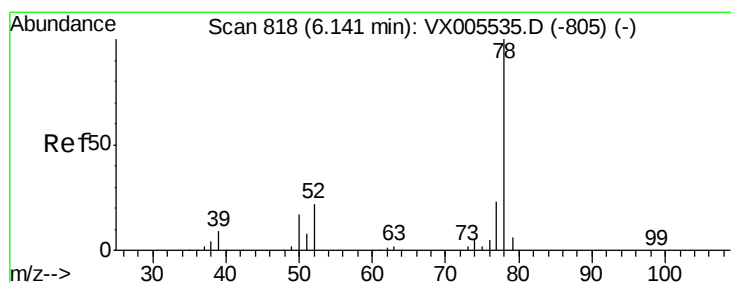
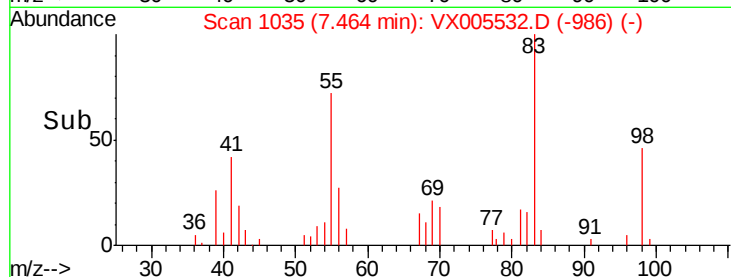
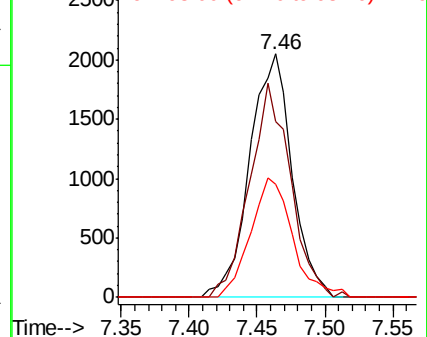
83 100

55 72.3 63.7 95.5

98 46.2 36.2 54.2



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



#40

Benzene

Concen: 1.140 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005532.D

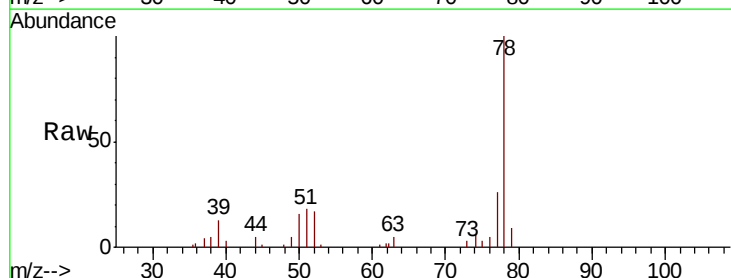
Acq: 24 Oct 2018 10:39

Tgt Ion: 78 Resp: 12013

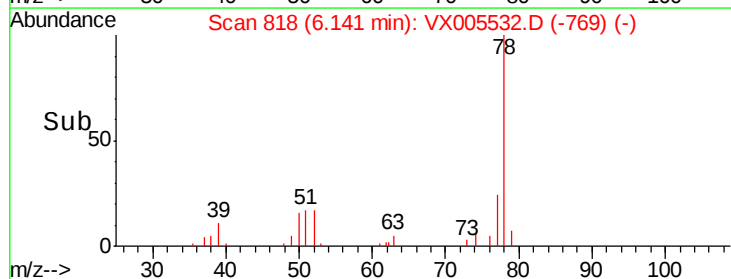
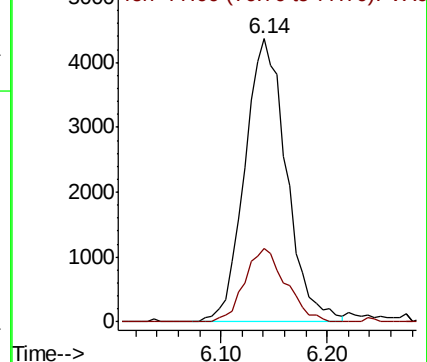
Ion Ratio Lower Upper

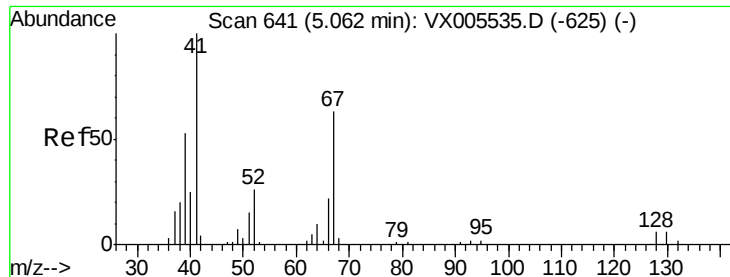
78 100

77 25.8 18.4 27.6



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

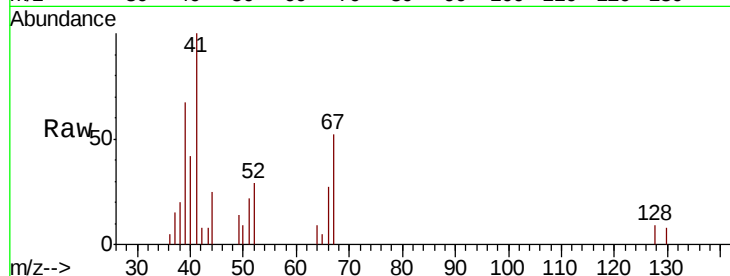




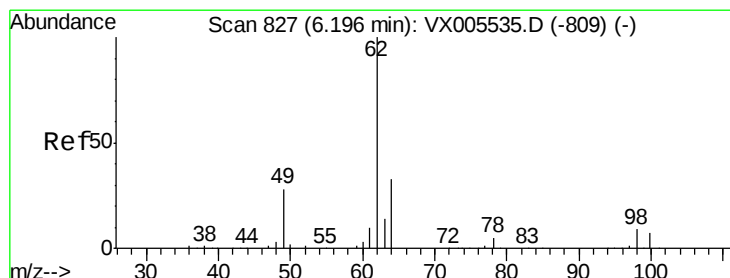
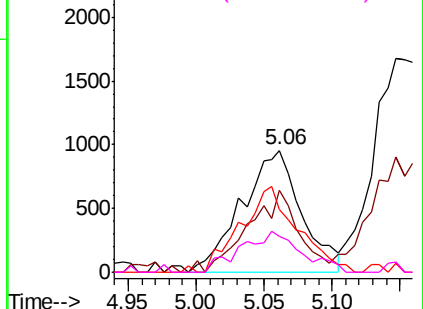
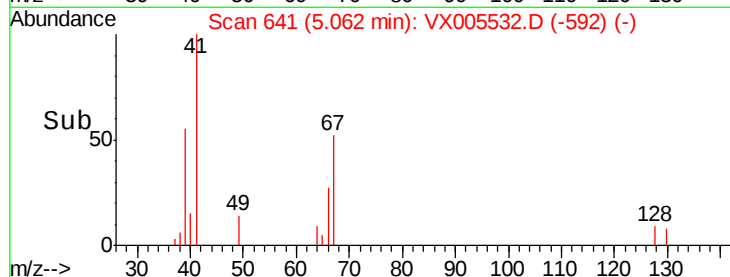
#41
Methacrylonitrile
Concen: 1.121 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:	41	Resp:	2931
Ion	Ratio	Lower	Upper
41	100		
39	57.4	42.2	63.2
67	67.2	53.4	80.0
52	33.8	23.4	35.2

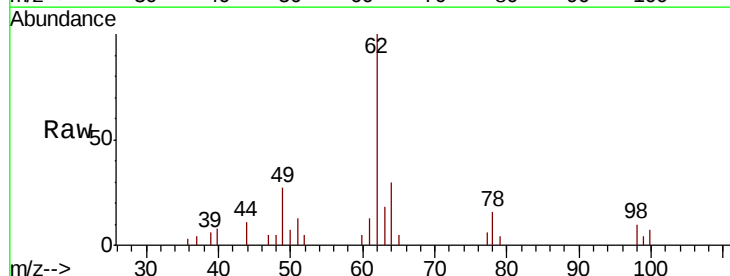


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

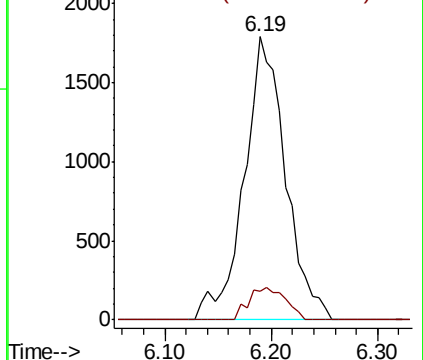
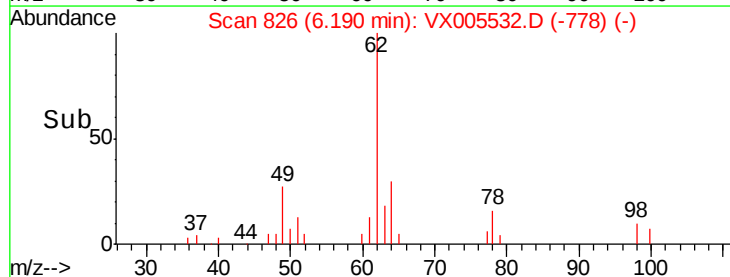


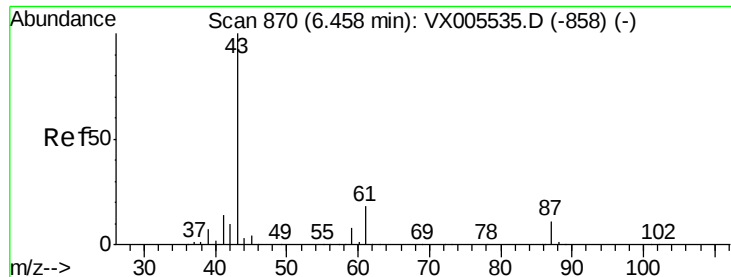
#42
1,2-Dichloroethane
Concen: 1.213 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:	62	Resp:	4859
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.8



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

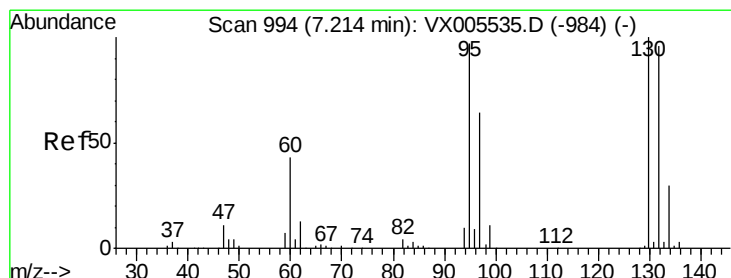
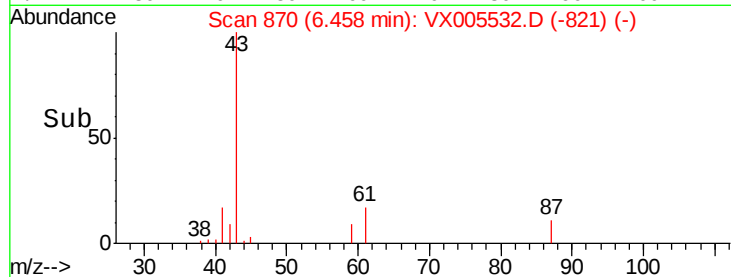
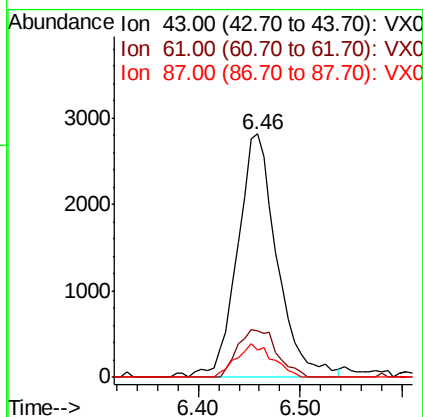
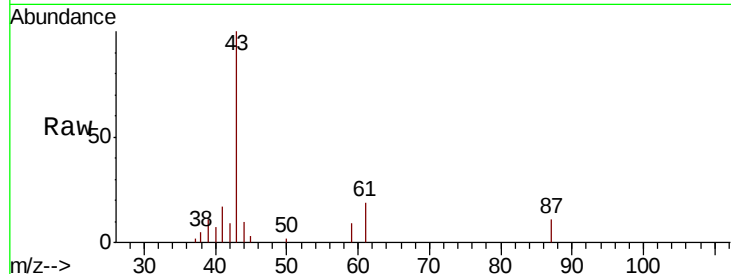




#43
Isopropyl Acetate
Concen: 1.074 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

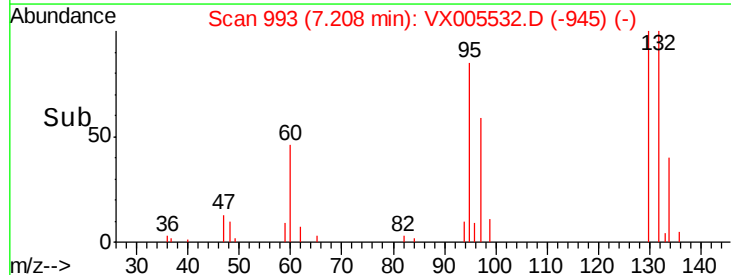
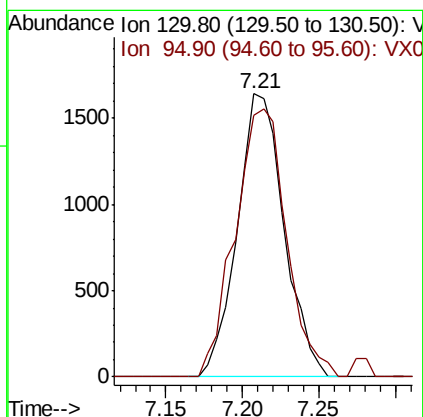
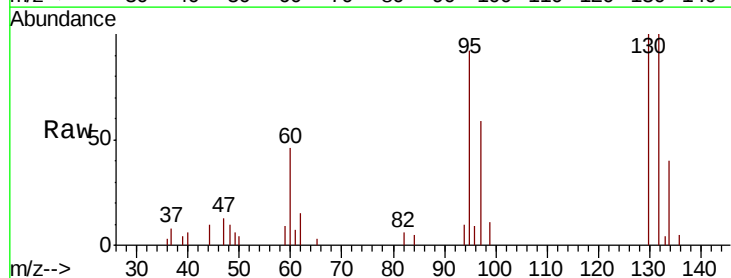
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 7556
Ion Ratio Lower Upper
43 100
61 19.6 14.6 22.0
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 1.213 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:130 Resp: 3485
Ion Ratio Lower Upper
130 100
95 92.2 0.0 194.2





#45

1,2-Dichloropropane

Concen: 1.217 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

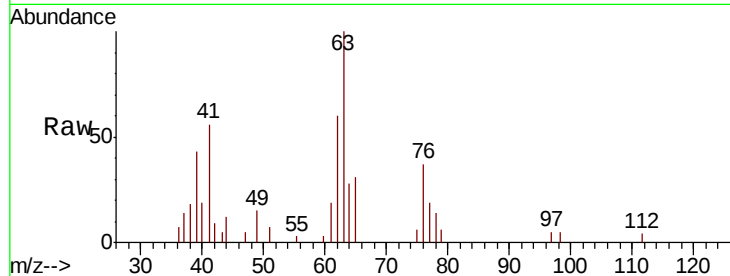
VSTDIC001

Tgt Ion: 63 Resp: 3450

Ion Ratio Lower Upper

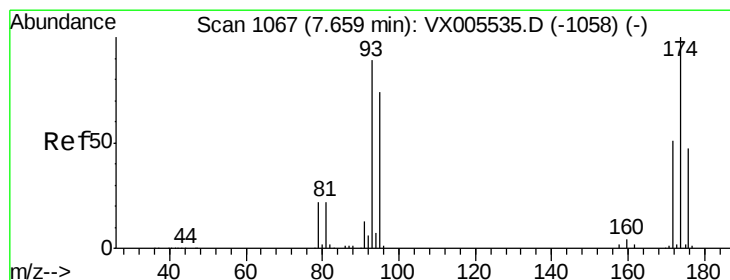
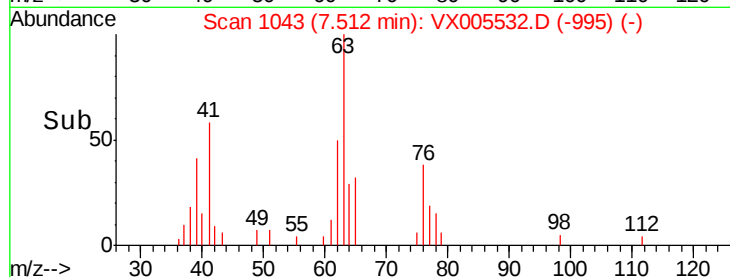
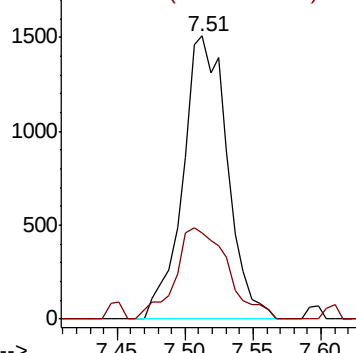
63 100

65 30.5 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: 1.223 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

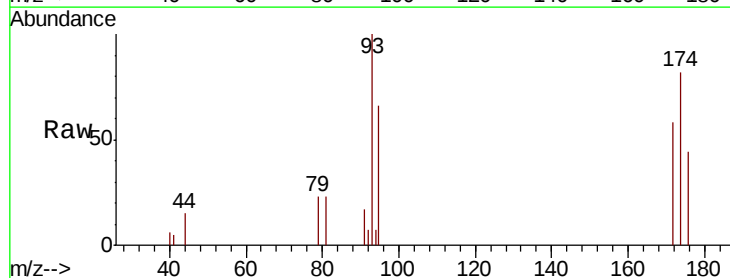
Tgt Ion: 93 Resp: 2238

Ion Ratio Lower Upper

93 100

95 78.2 67.4 101.0

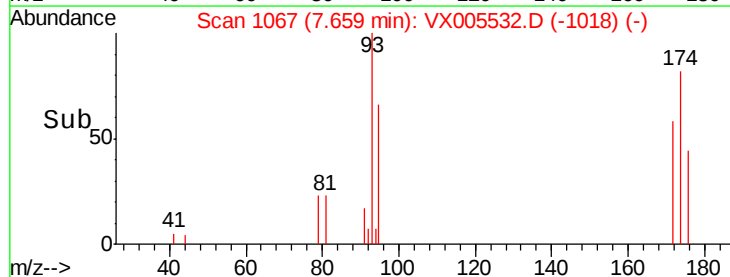
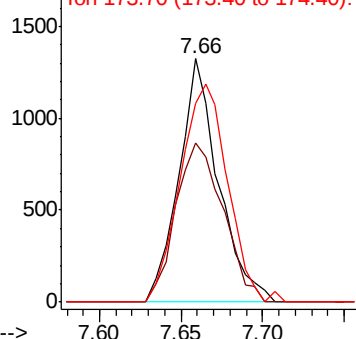
174 107.1 91.5 137.3

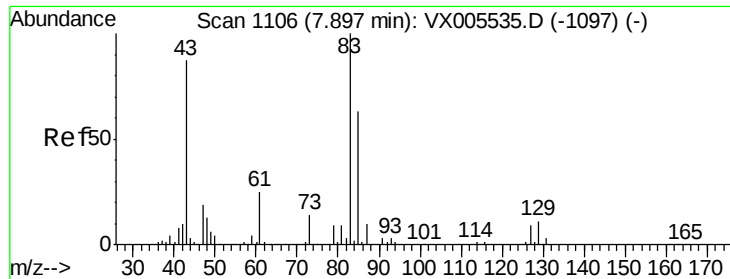


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.188 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

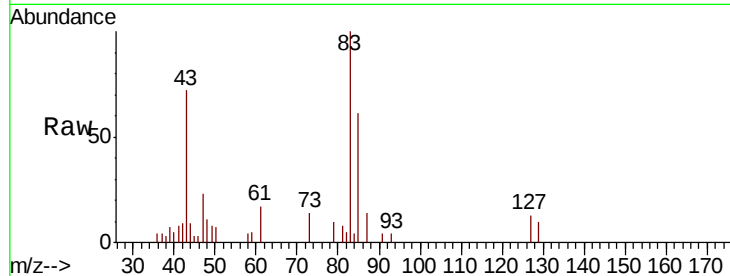
Tgt Ion: 83 Resp: 4221

Ion Ratio Lower Upper

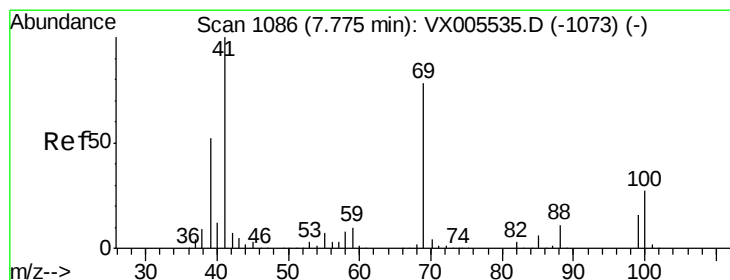
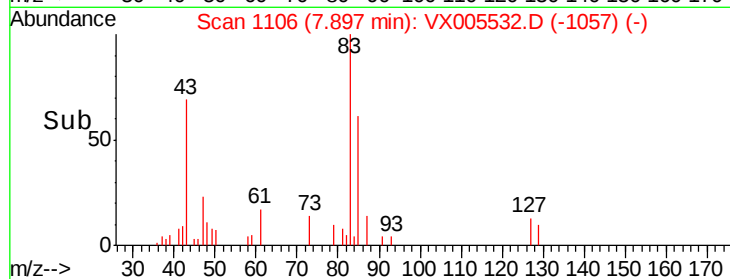
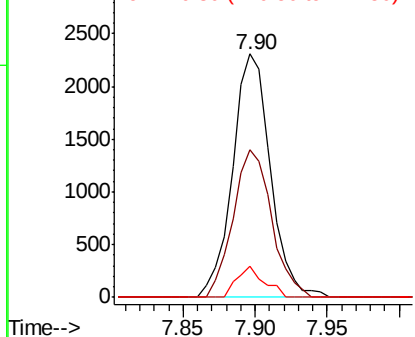
83 100

85 60.7 50.2 75.4

127 12.8 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: 1.012 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

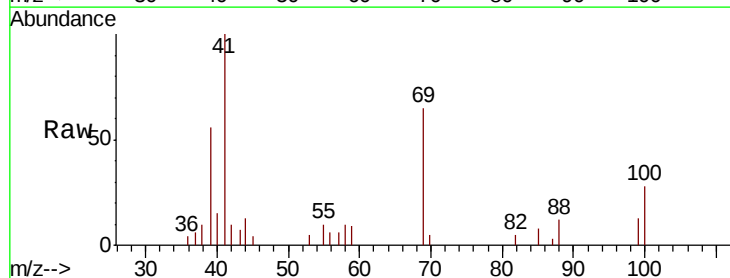
Tgt Ion: 41 Resp: 3468

Ion Ratio Lower Upper

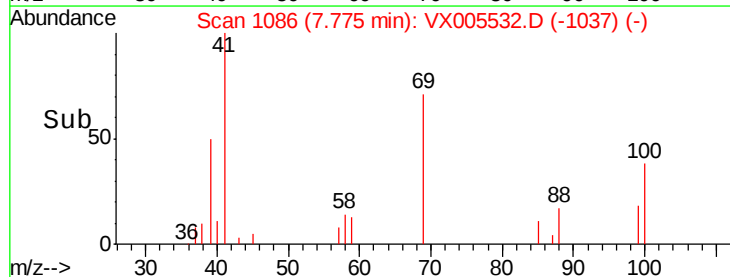
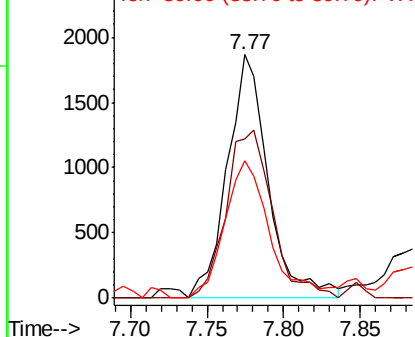
41 100

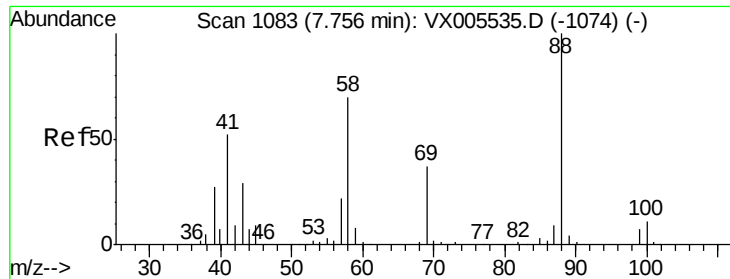
69 77.9 63.2 94.8

39 61.3 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

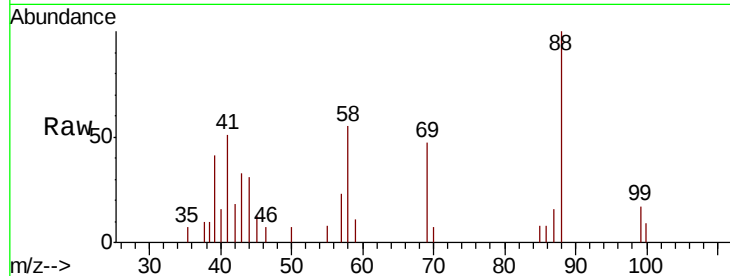




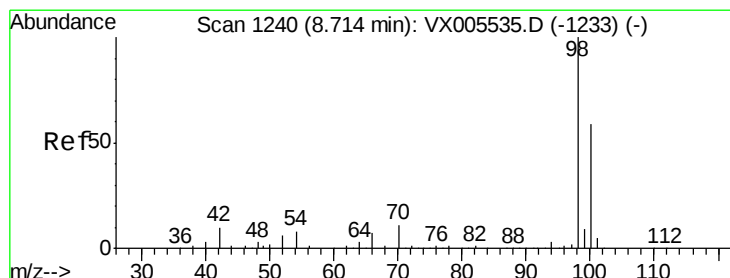
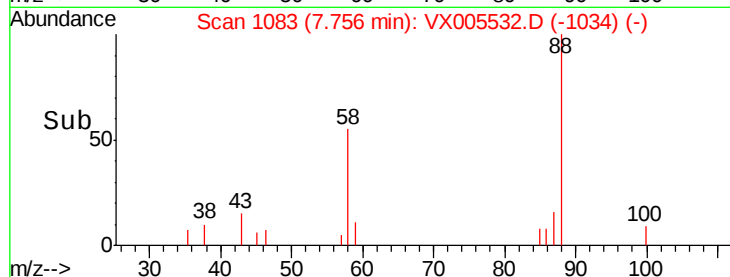
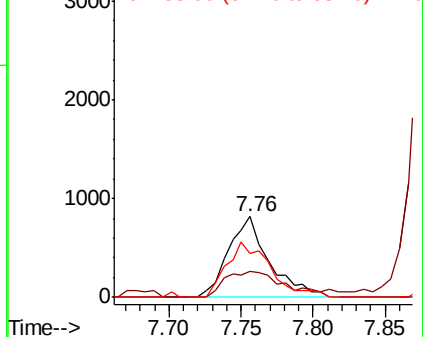
#49
1,4-Dioxane
Concen: 21.678 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1623
Ion Ratio Lower Upper
88 100
43 51.4 27.4 41.0#
58 73.6 59.4 89.2

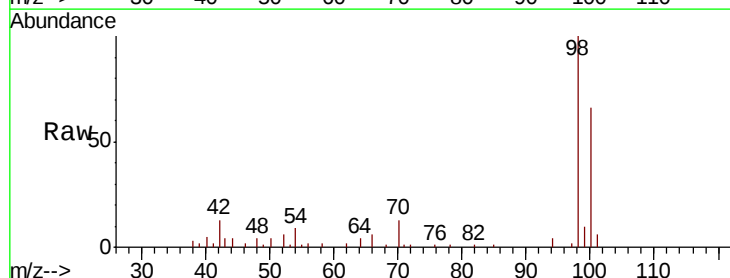


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

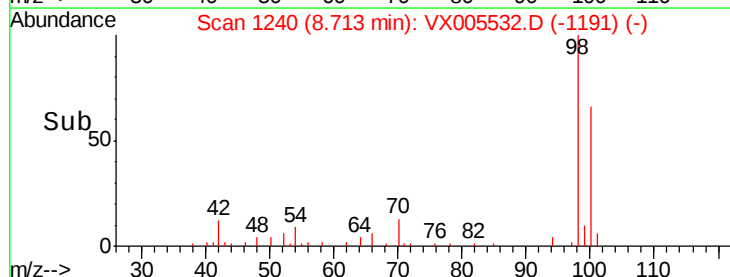
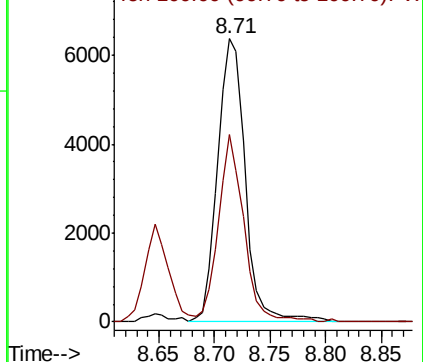


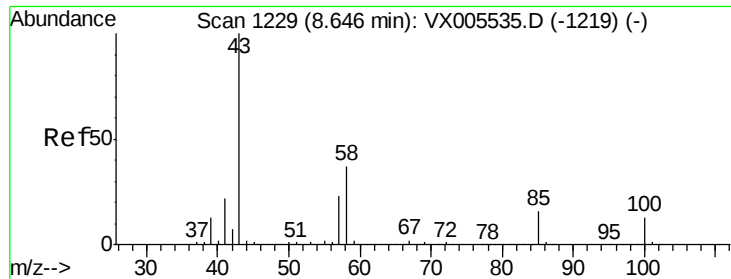
#50
Toluene-d8
Concen: 1.192 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 98 Resp: 10987
Ion Ratio Lower Upper
98 100
100 61.0 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: 5.114 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

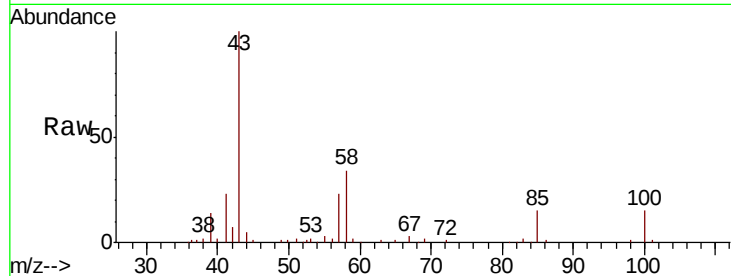
VSTDIC001

Tgt Ion: 43 Resp: 24172

Ion Ratio Lower Upper

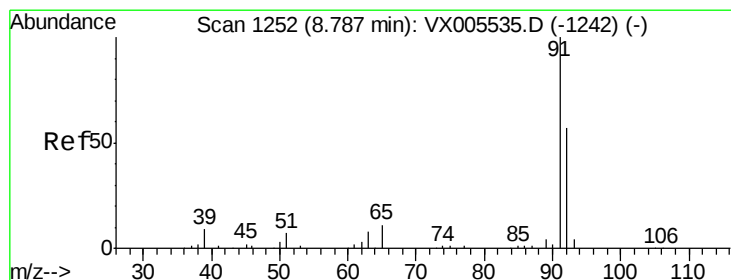
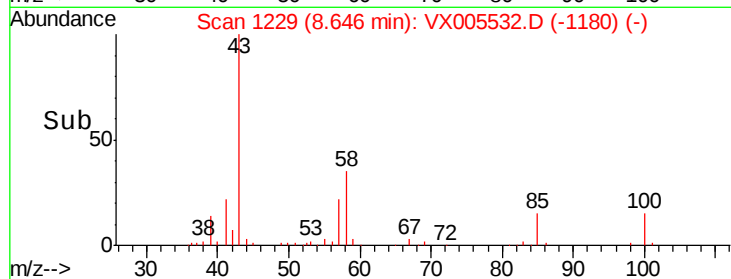
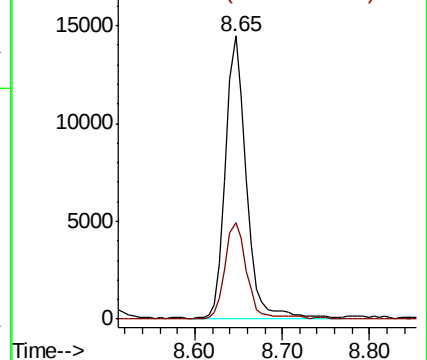
43 100

58 36.0 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.090 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005532.D

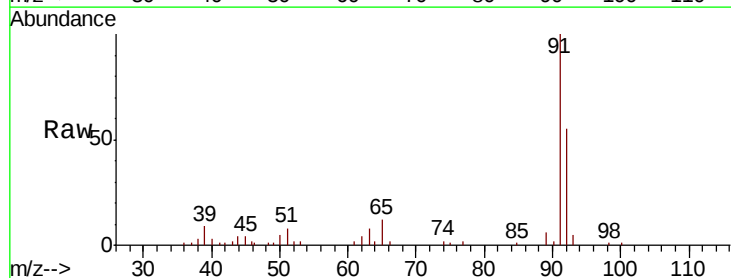
Acq: 24 Oct 2018 10:39

Tgt Ion: 92 Resp: 6981

Ion Ratio Lower Upper

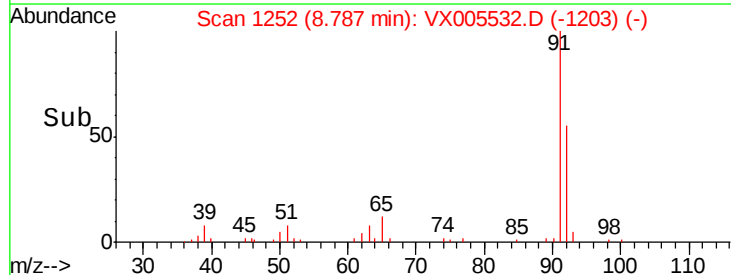
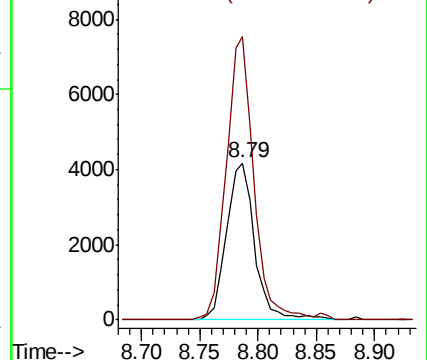
92 100

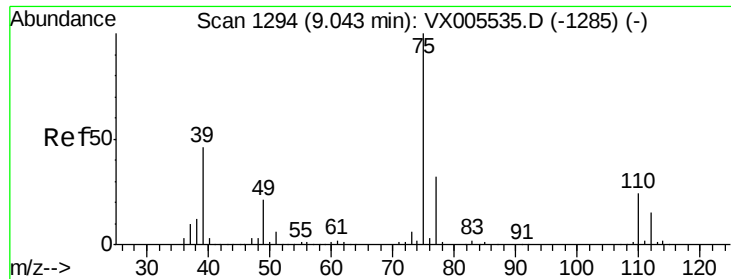
91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 1.012 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

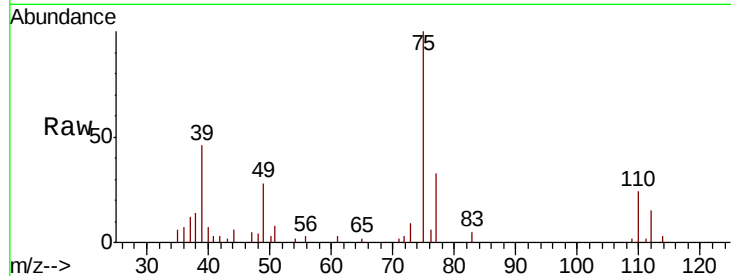
VSTDIC001

Tgt Ion: 75 Resp: 3887

Ion Ratio Lower Upper

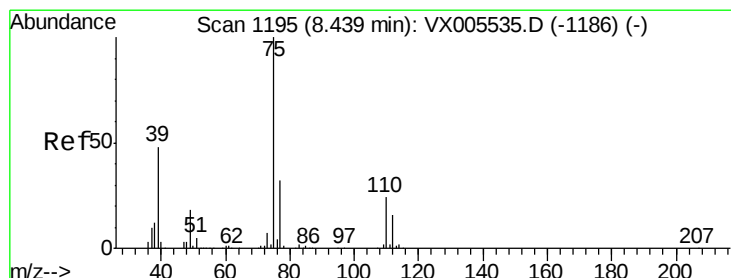
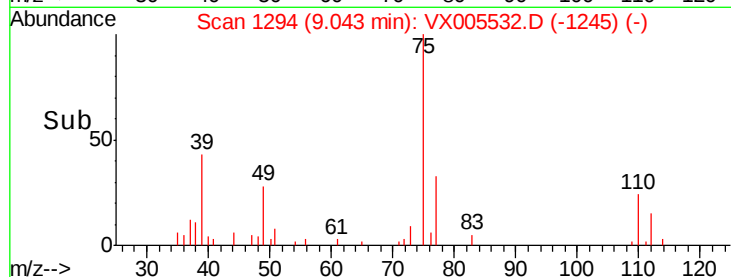
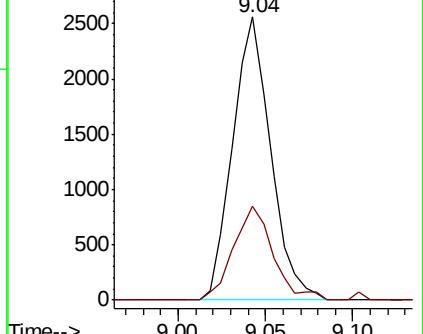
75 100

77 33.2 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: 1.003 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

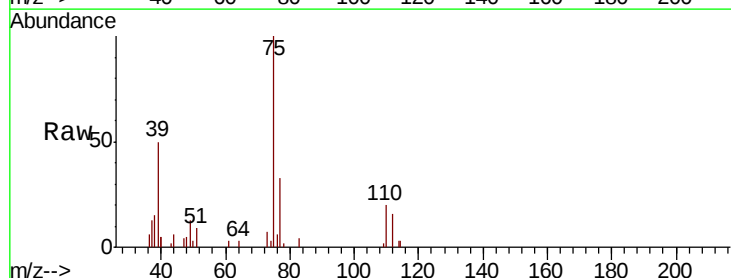
Tgt Ion: 75 Resp: 4145

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

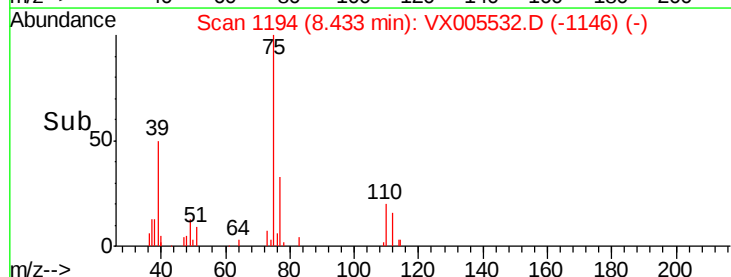
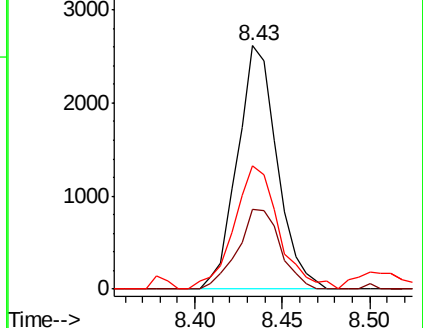
39 50.4 38.2 57.2

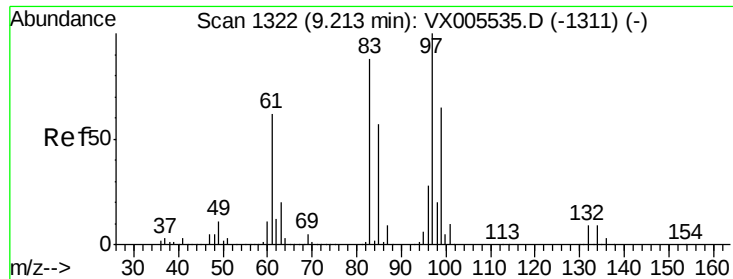


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

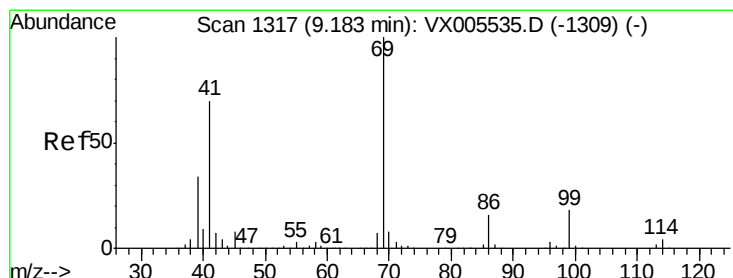
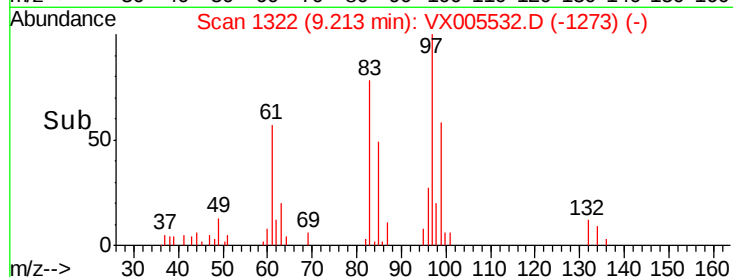
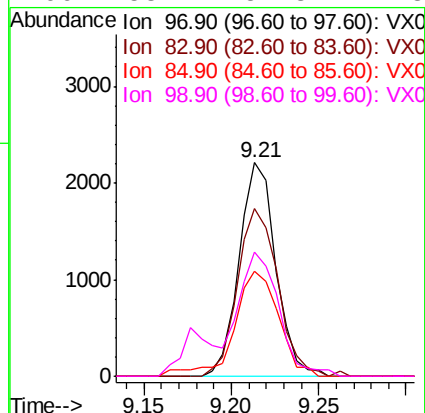
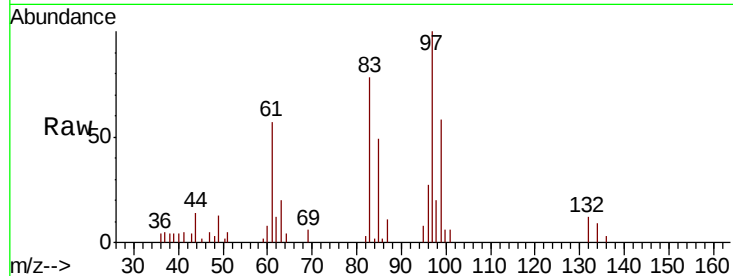




#55
 1,1,2-Trichloroethane
 Concen: 1.199 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

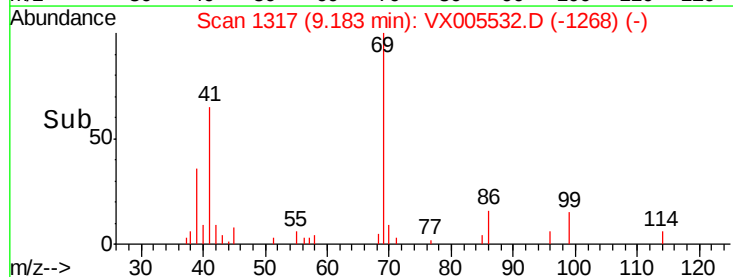
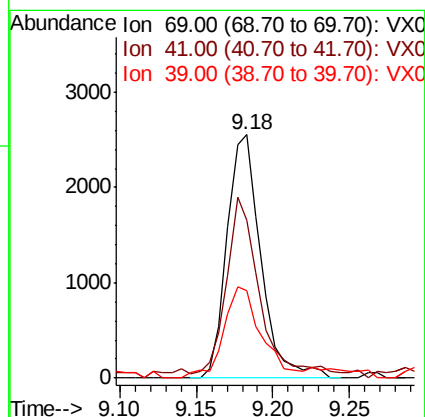
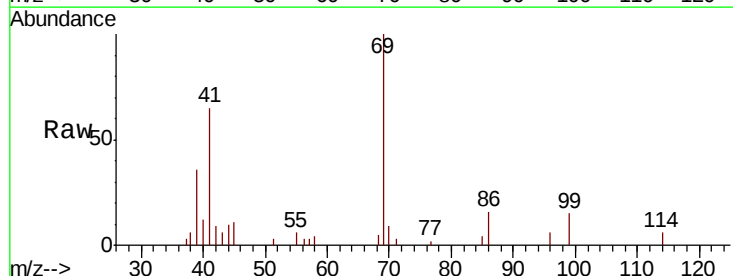
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

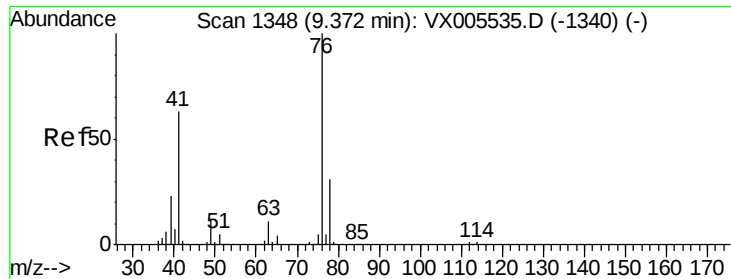
Tgt Ion:	97	Resp:	3239
Ion	Ratio	Lower	Upper
97	100		
83	78.4	70.7	106.1
85	49.4	45.8	68.6
99	58.2	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 0.973 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:	69	Resp:	3919
Ion	Ratio	Lower	Upper
69	100		
41	79.7	57.0	85.6
39	42.0	28.3	42.5

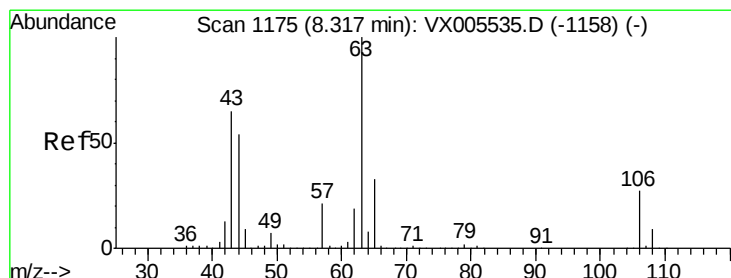
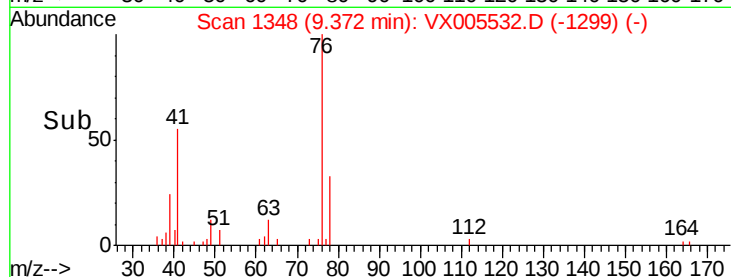
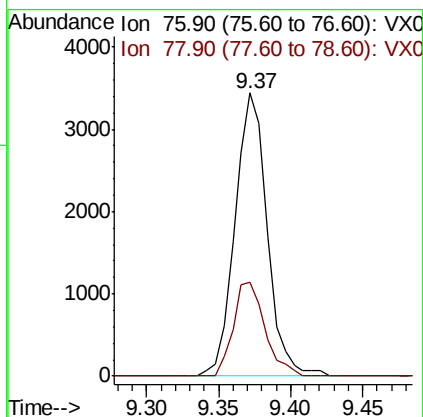
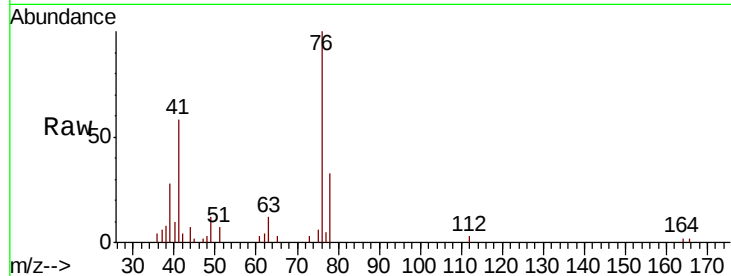




#57
 1,3-Dichloropropane
 Concen: 1.172 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

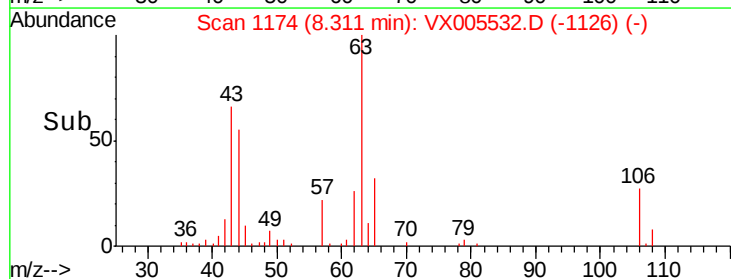
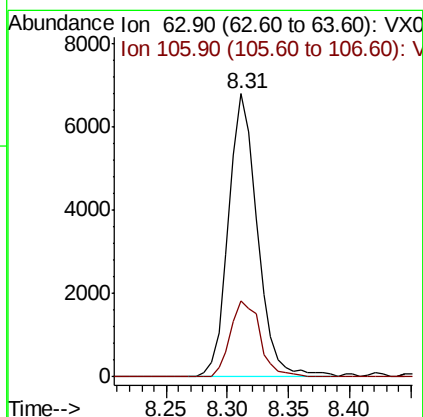
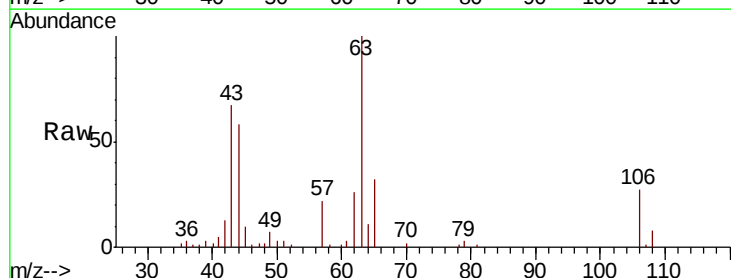
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

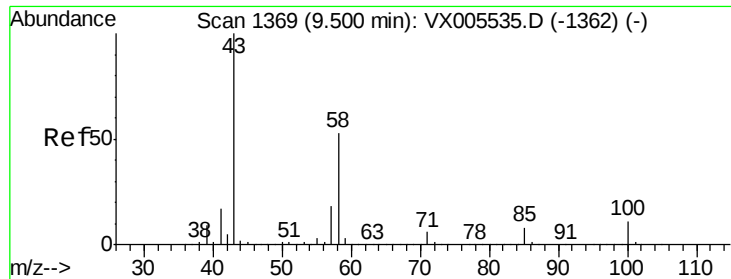
Tgt Ion: 76 Resp: 5359
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.944 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 63 Resp: 11126
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.3 31.9

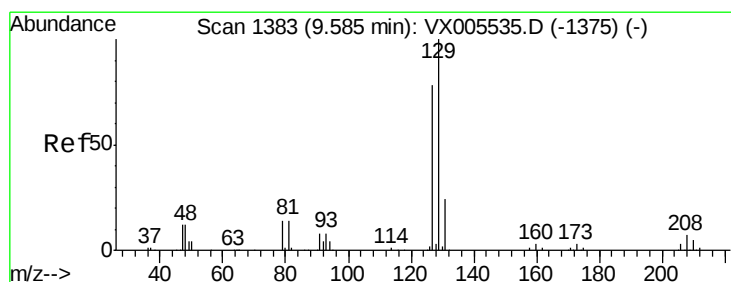
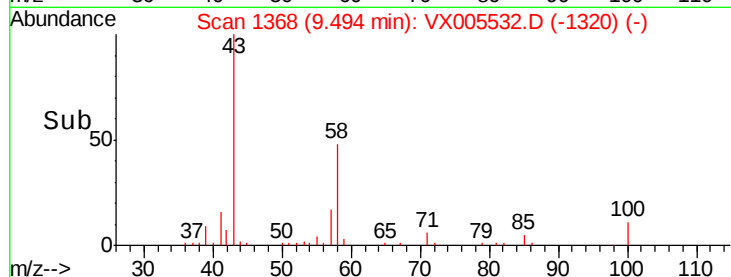
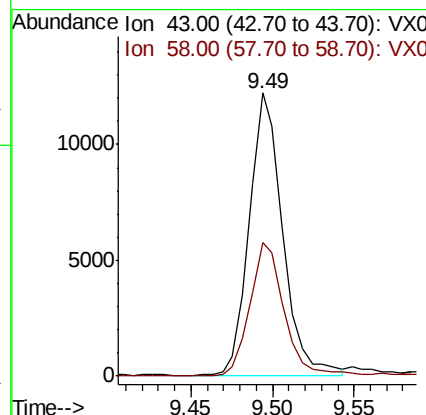
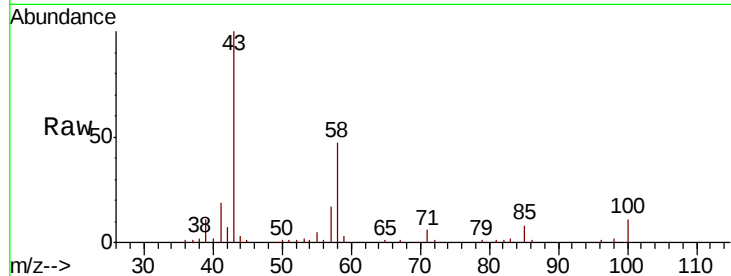




#59
2-Hexanone
Concen: 4.699 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

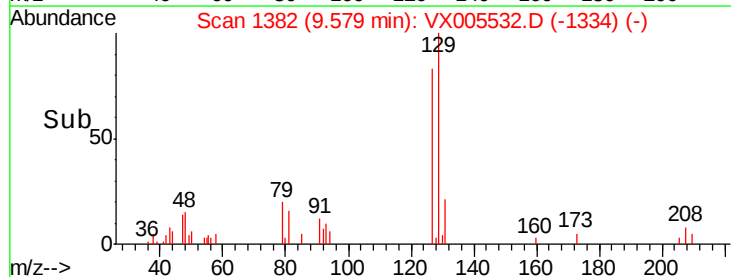
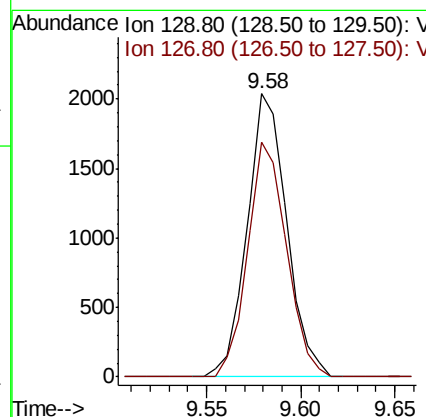
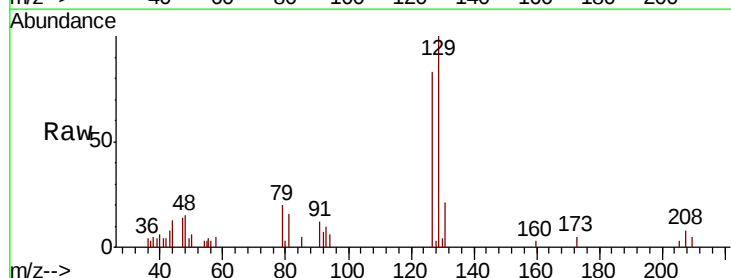
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

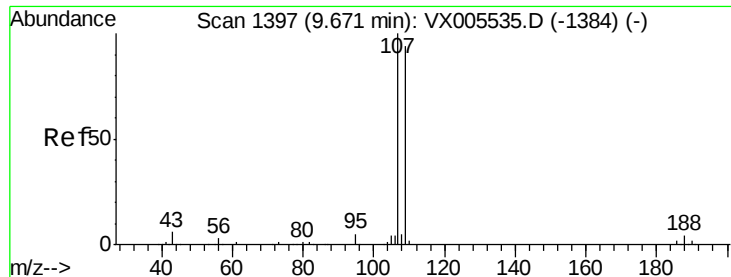
Tgt Ion: 43 Resp: 17509
Ion Ratio Lower Upper
43 100
58 48.7 25.9 77.8



#60
Dibromochloromethane
Concen: 1.052 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 129 Resp: 2965
Ion Ratio Lower Upper
129 100
127 81.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 1.125 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

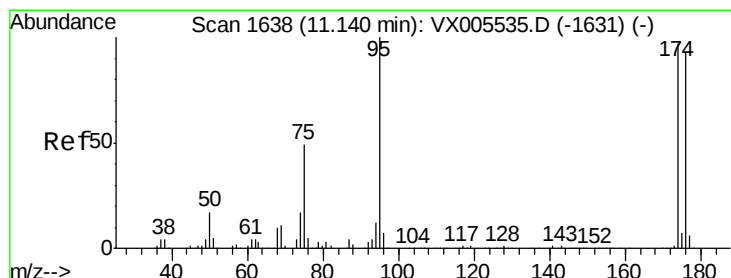
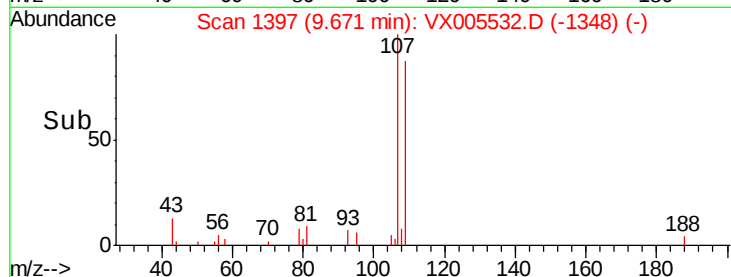
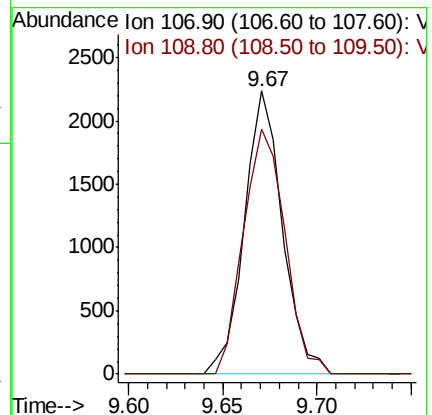
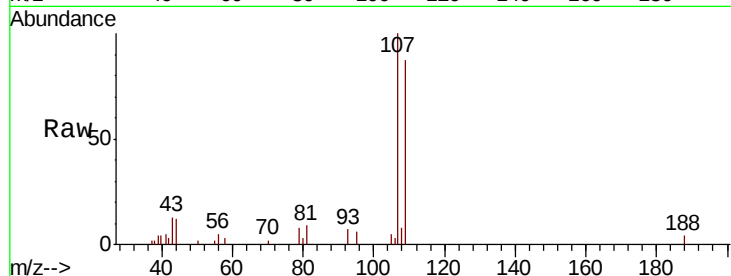
VSTDIC001

Tgt Ion: 107 Resp: 3145

Ion Ratio Lower Upper

107 100

109 94.2 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 1.052 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

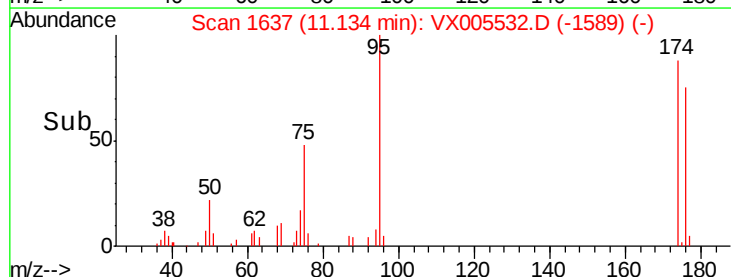
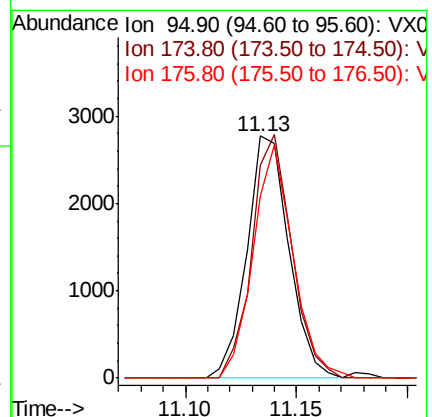
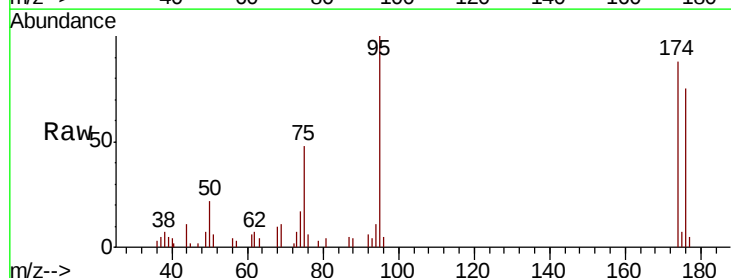
Tgt Ion: 95 Resp: 3662

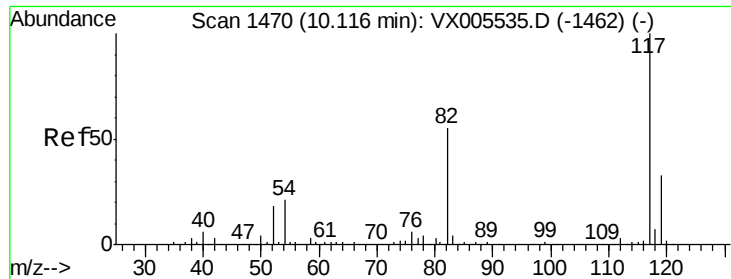
Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.4

176 91.0 0.0 177.4

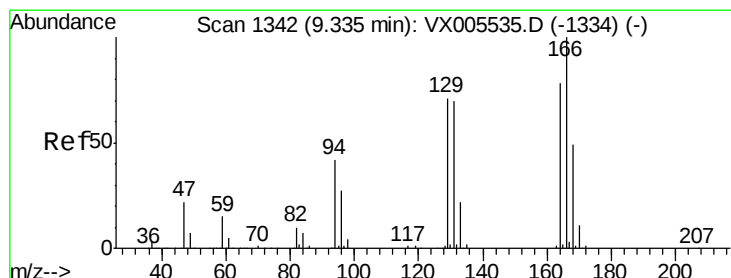
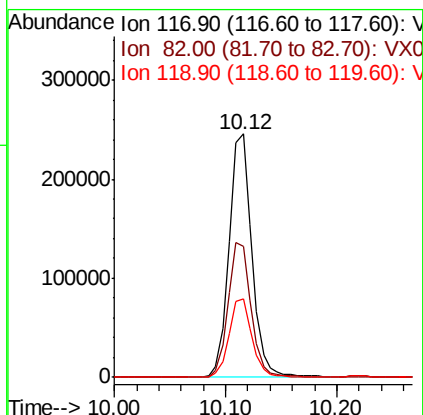
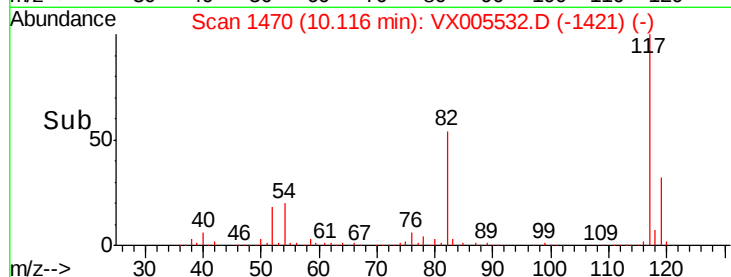
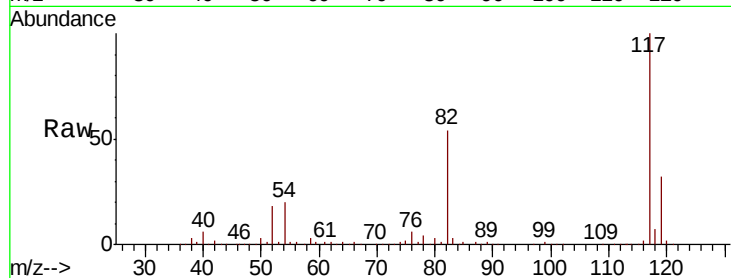




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

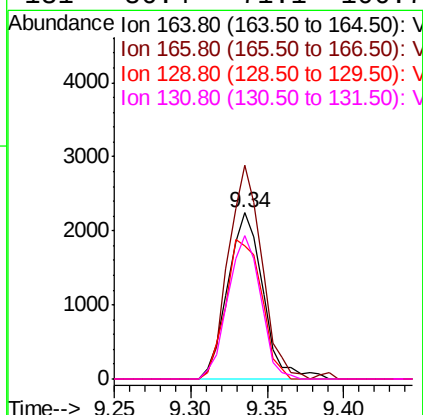
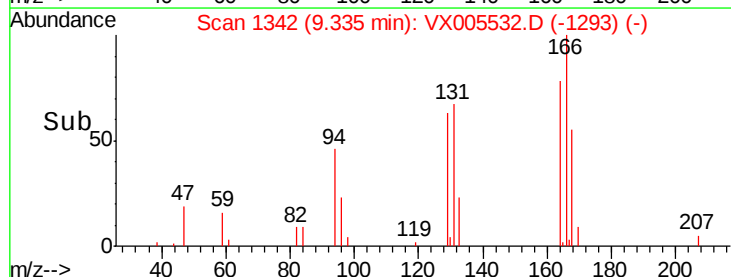
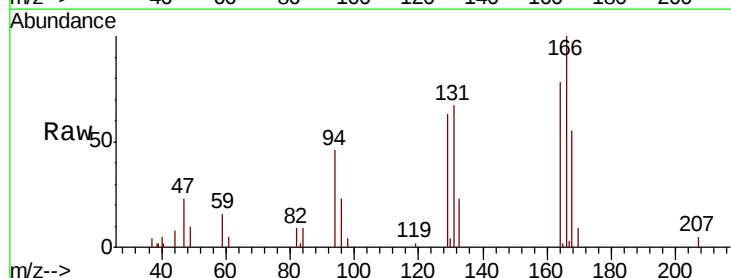
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

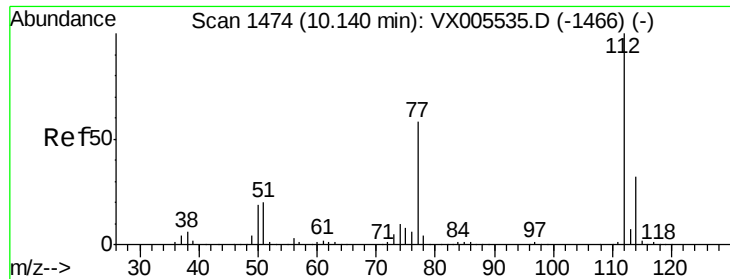
Tgt Ion:117 Resp: 348382
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 1.241 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:164 Resp: 3589
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 80.4 72.6 109.0
131 86.4 71.1 106.7

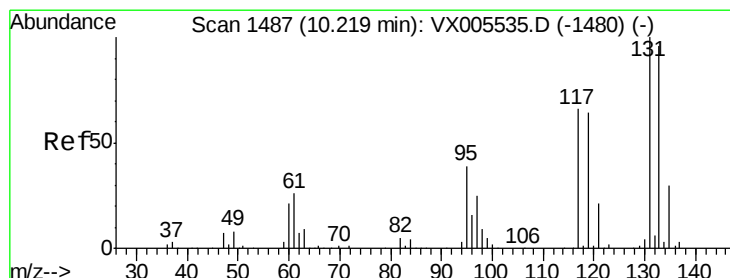
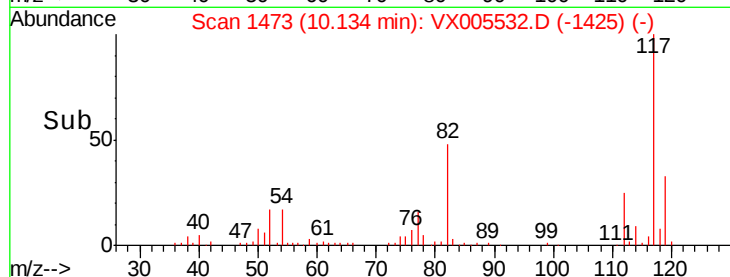
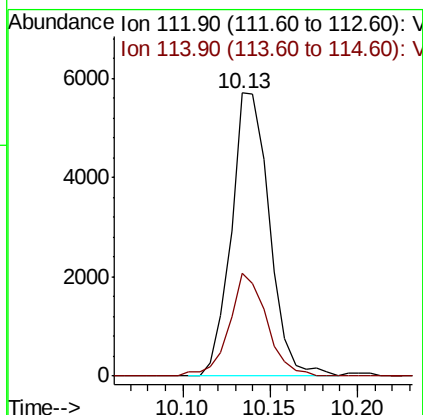
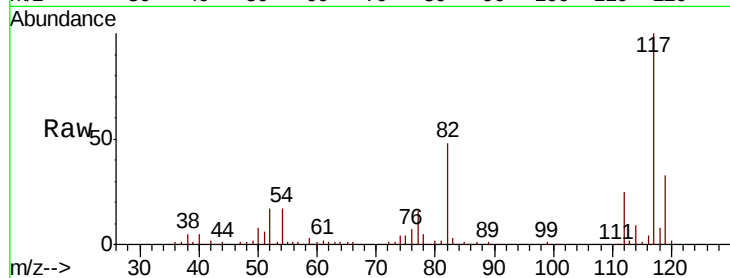




#65
Chlorobenzene
Concen: 1.167 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

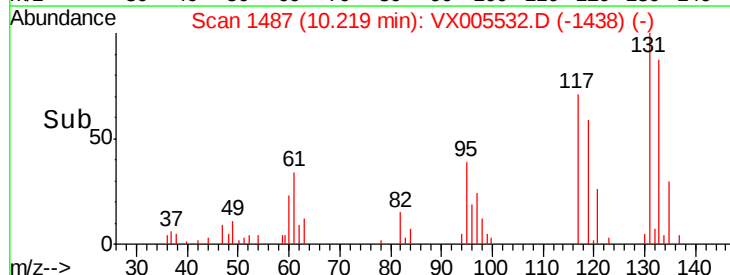
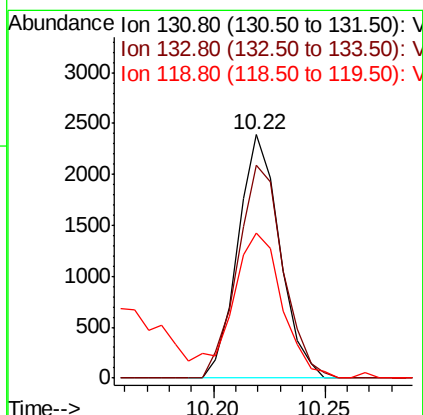
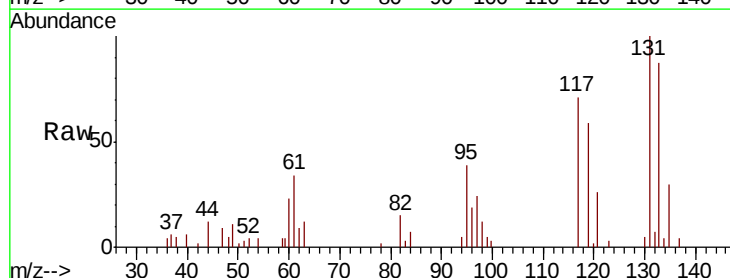
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

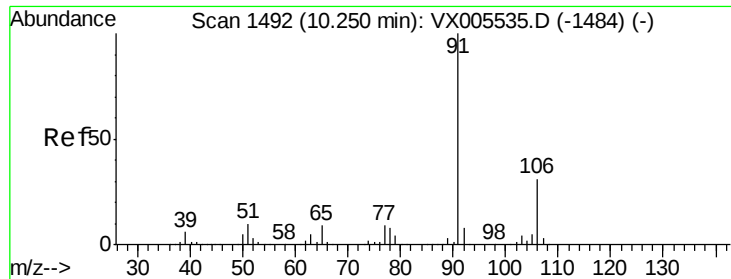
Tgt Ion:112 Resp: 8658
Ion Ratio Lower Upper
112 100
114 36.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.155 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:131 Resp: 3125
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 0.0 31.8 95.3#





#67

Ethyl Benzene

Concen: 1.060 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

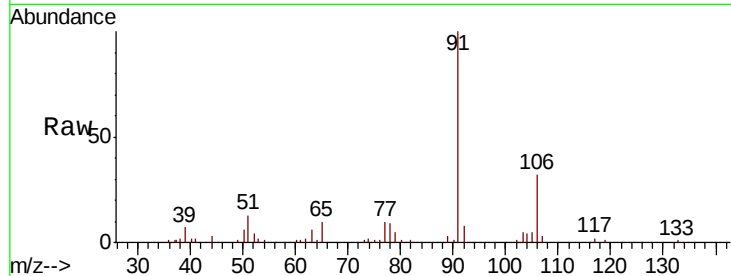
VSTDIC001

Tgt Ion: 91 Resp: 12935

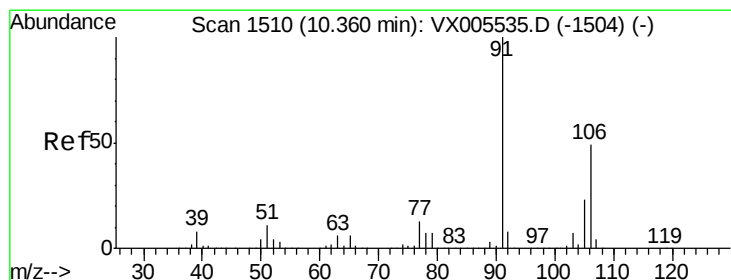
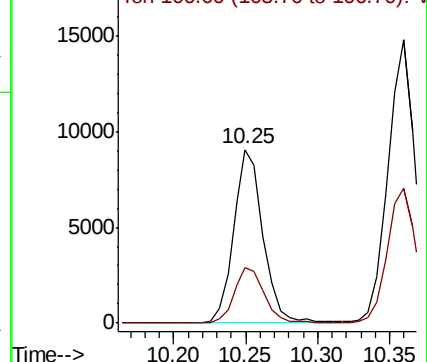
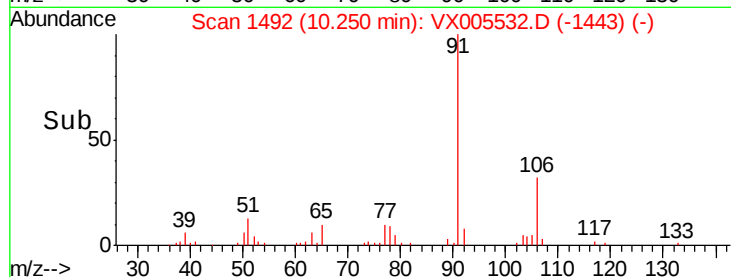
Ion Ratio Lower Upper

91 100

106 32.2 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005532.D (-1443) (-)



#68

m/p-Xylenes

Concen: 2.093 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005532.D

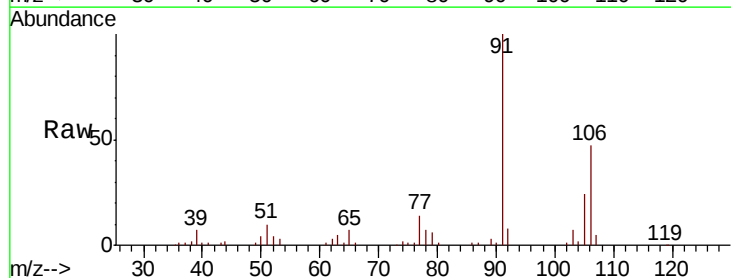
Acq: 24 Oct 2018 10:39

Tgt Ion: 106 Resp: 9913

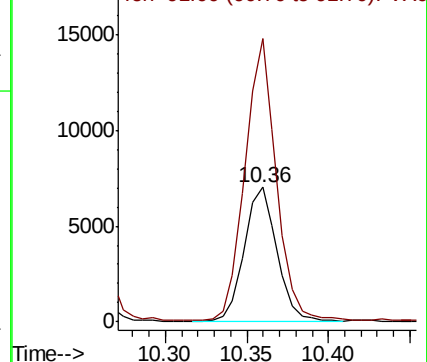
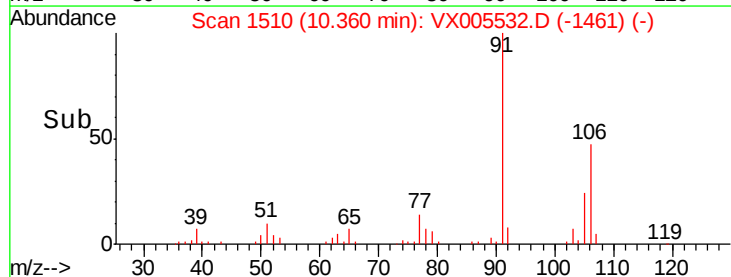
Ion Ratio Lower Upper

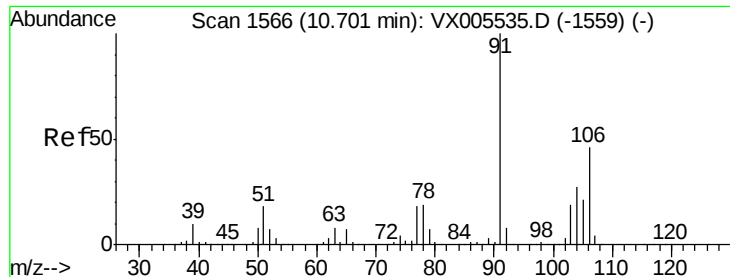
106 100

91 198.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005532.D (-1461) (-)

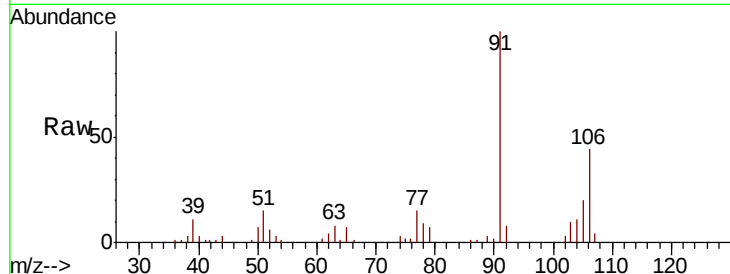




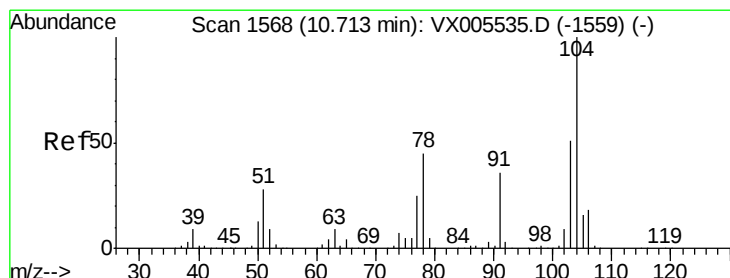
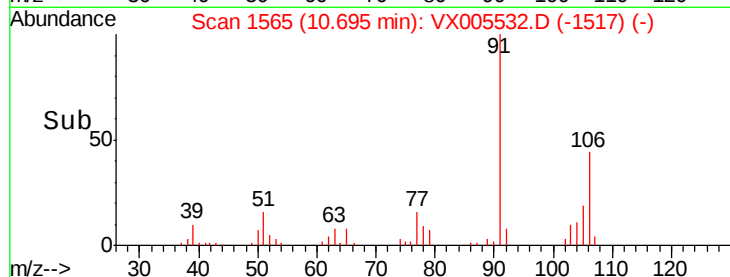
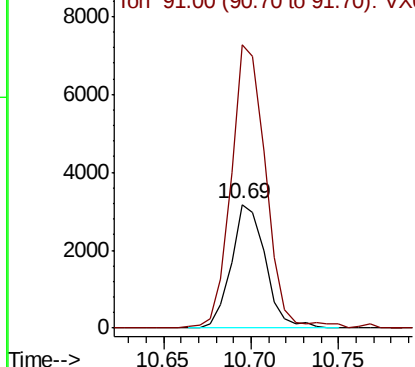
#69
o-Xylene
Concen: 0.966 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 4303
Ion Ratio Lower Upper
106 100
91 232.1 108.5 325.5

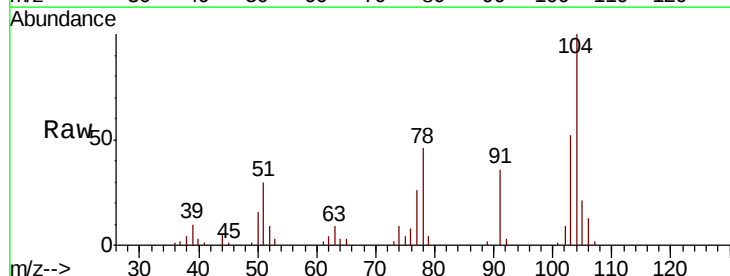


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

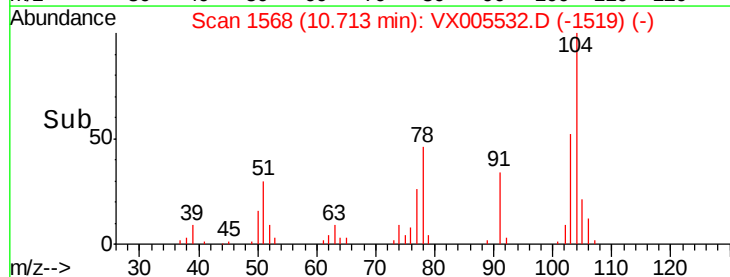
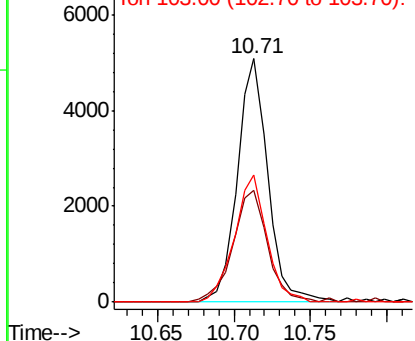


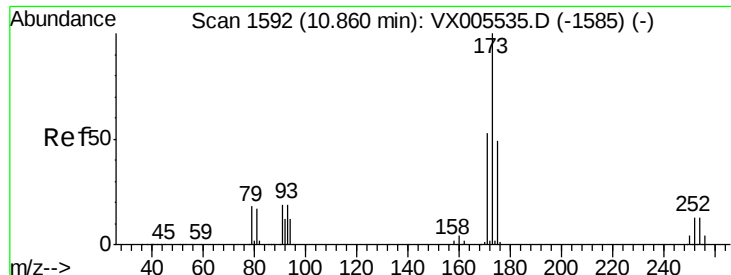
#70
Styrene
Concen: 0.940 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:104 Resp: 7011
Ion Ratio Lower Upper
104 100
78 52.7 40.2 60.4
103 55.4 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: 1.028 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

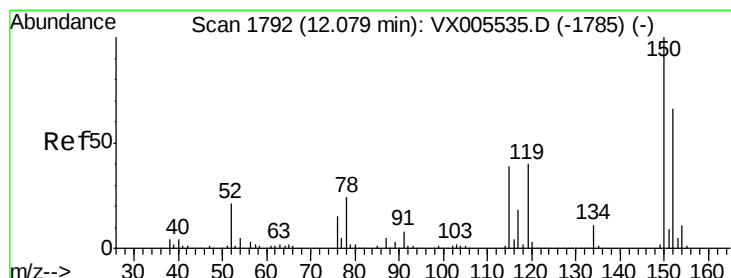
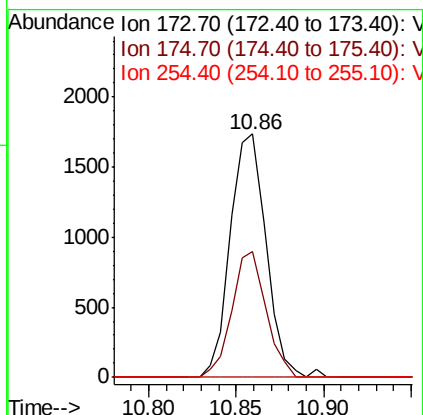
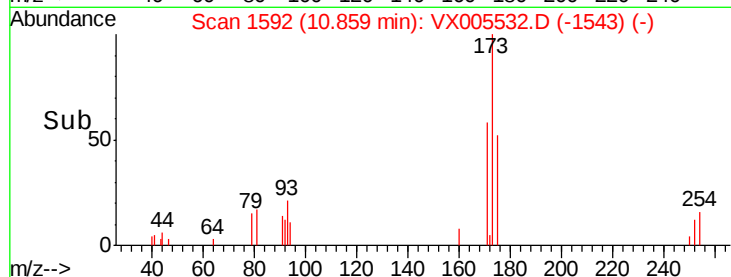
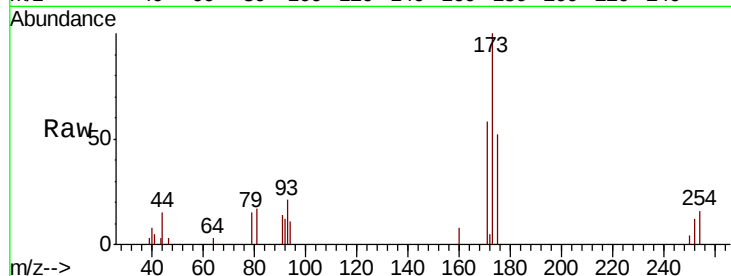
Tgt Ion:173 Resp: 2482

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

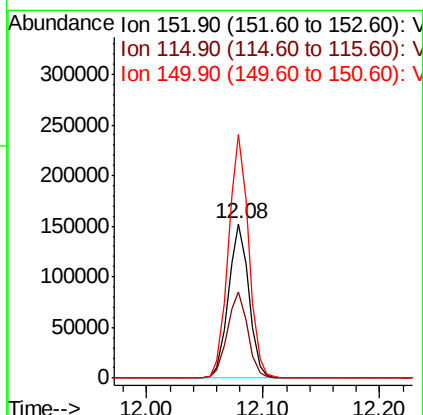
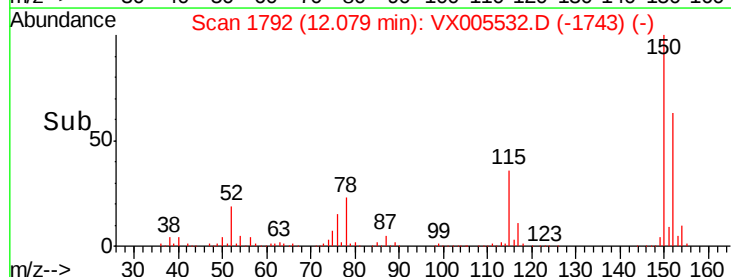
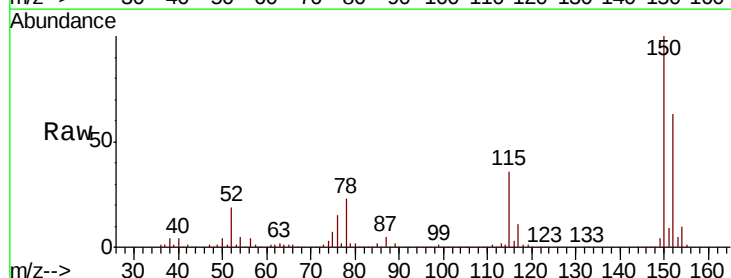
Tgt Ion:152 Resp: 184803

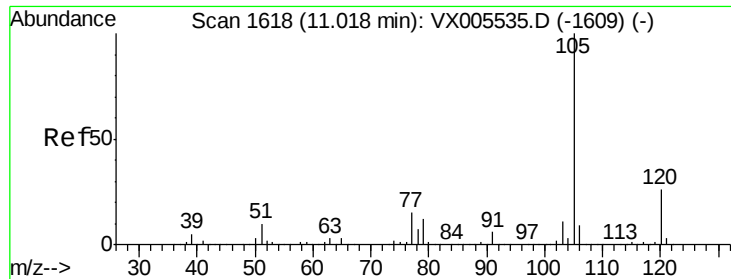
Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

150 156.6 0.0 346.4





#73

Isopropylbenzene

Concen: 1.062 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

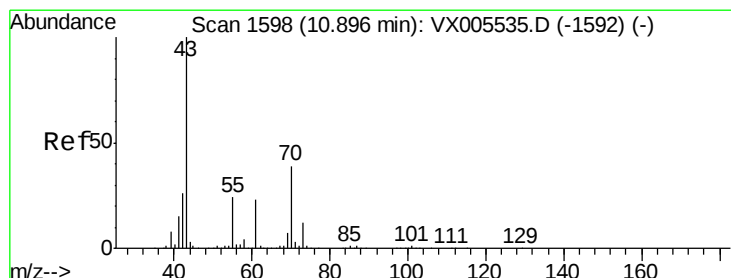
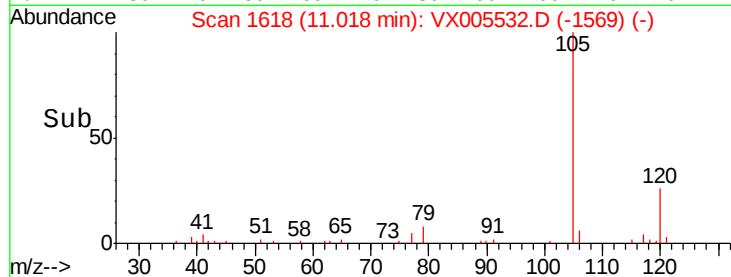
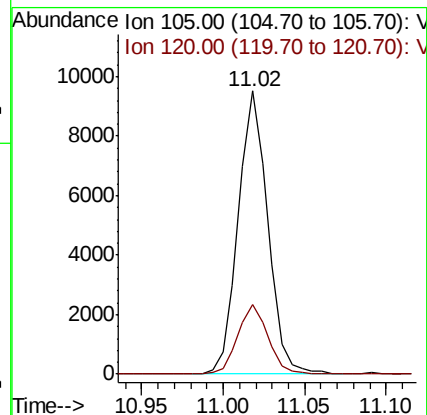
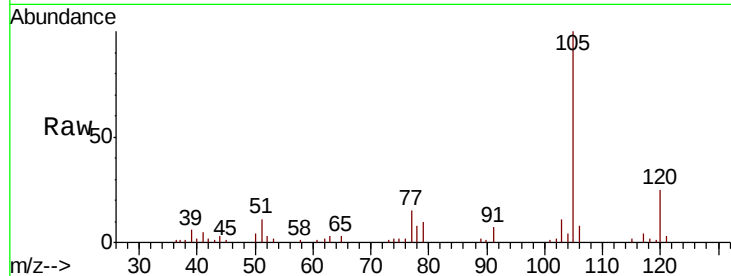
VSTDIC001

Tgt Ion: 105 Resp: 11996

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.3



#74

N-ethyl acetate

Concen: 0.958 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion: 43 Resp: 5363

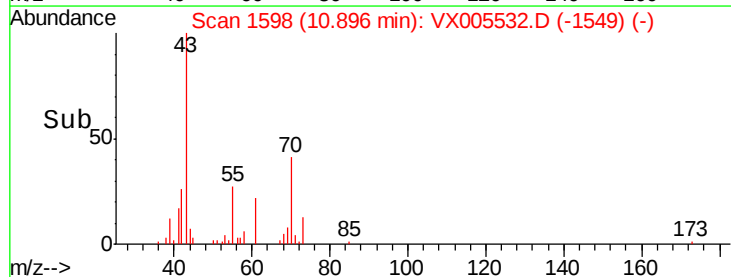
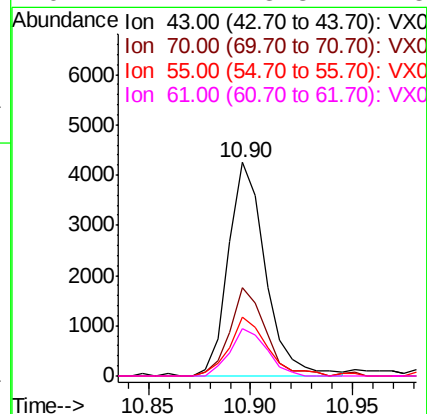
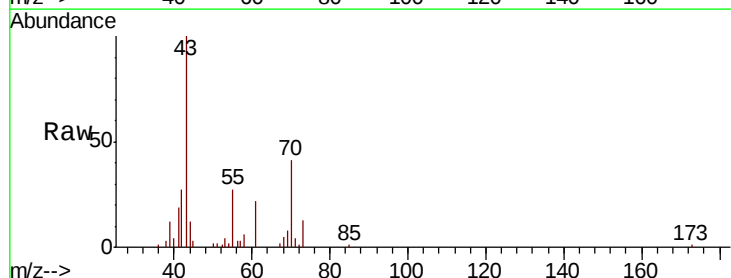
Ion Ratio Lower Upper

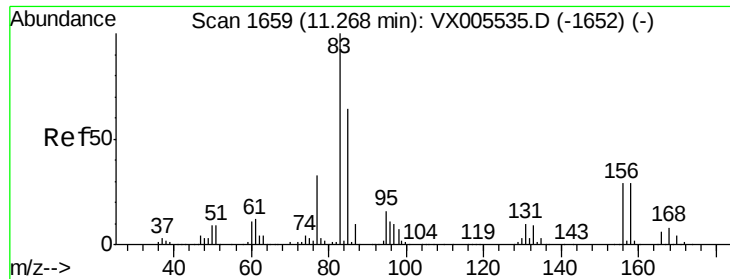
43 100

70 39.6 31.6 47.4

55 28.0 19.7 29.5

61 21.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 1.162 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

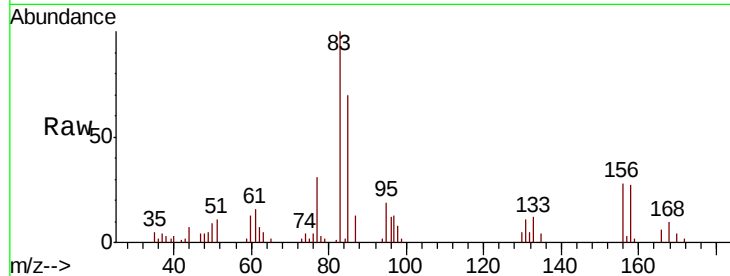
Tgt Ion: 83 Resp: 4843

Ion Ratio Lower Upper

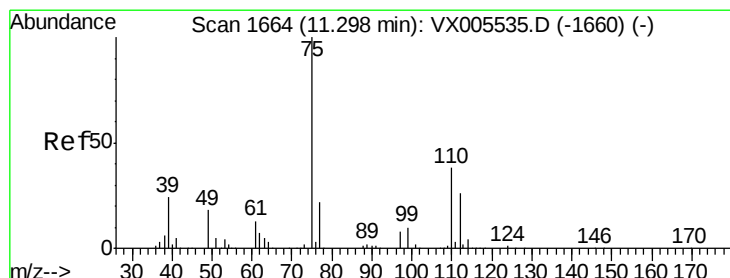
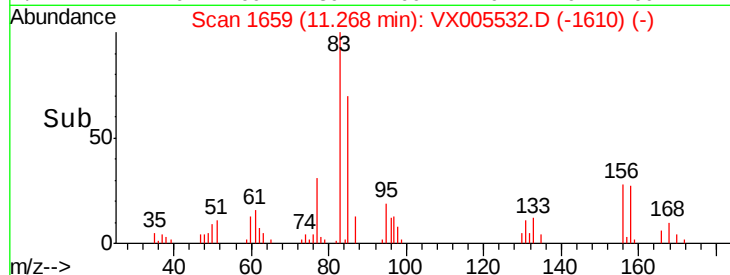
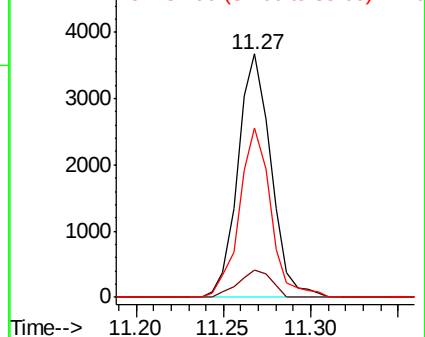
83 100

131 11.2 5.3 15.9

85 66.5 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 1.491 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005532.D

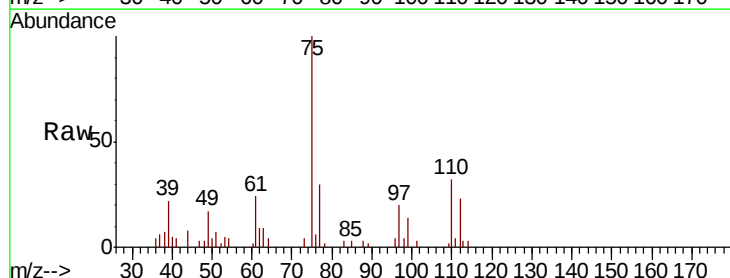
Acq: 24 Oct 2018 10:39

Tgt Ion: 75 Resp: 5647

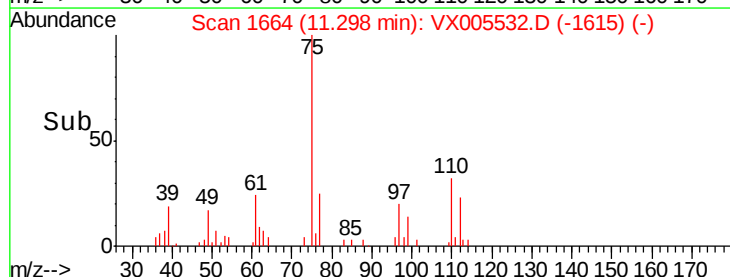
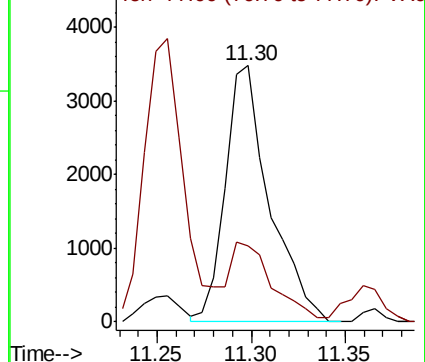
Ion Ratio Lower Upper

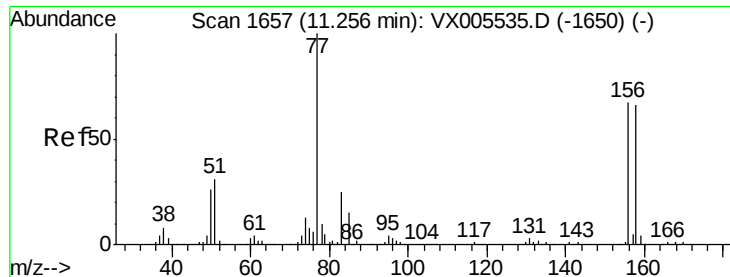
75 100

77 28.4 20.5 61.6



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

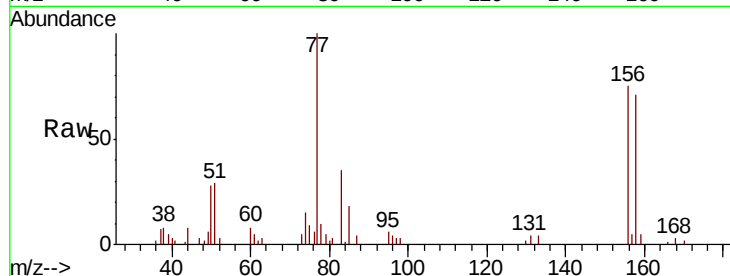




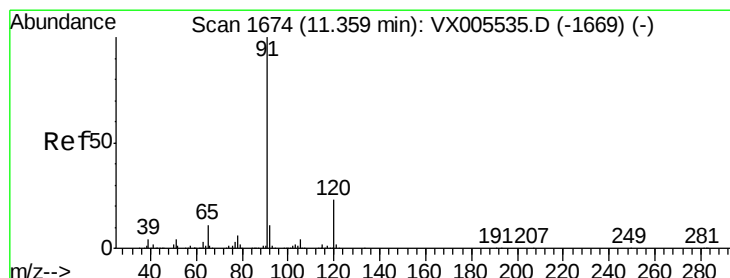
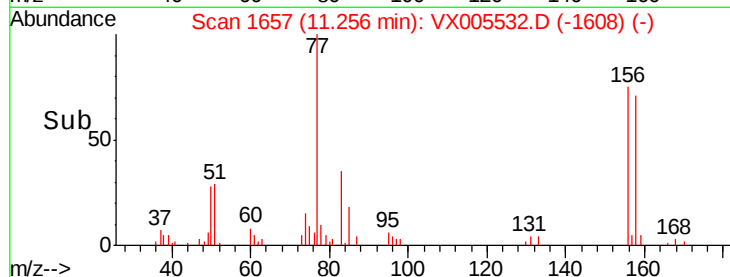
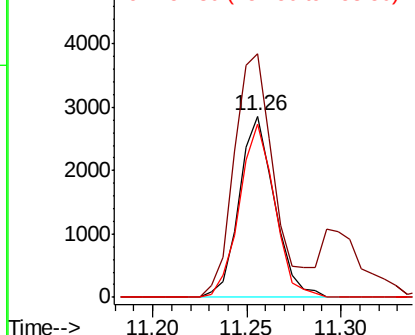
#77
Bromobenzene
Concen: 1.185 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 156 Resp: 3730
Ion Ratio Lower Upper
156 100
77 154.3 74.8 224.4
158 95.4 49.1 147.3

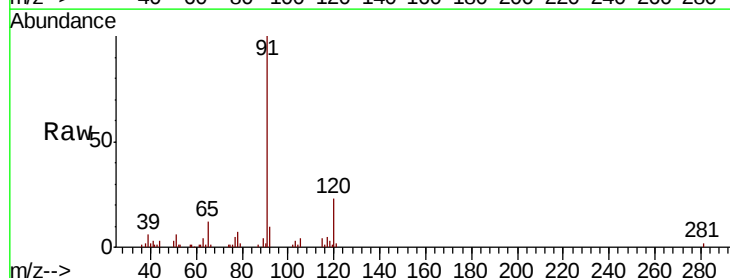


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

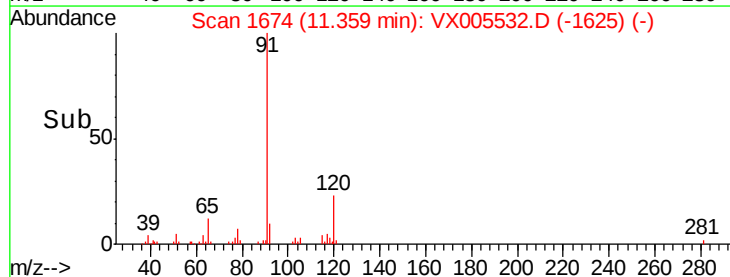
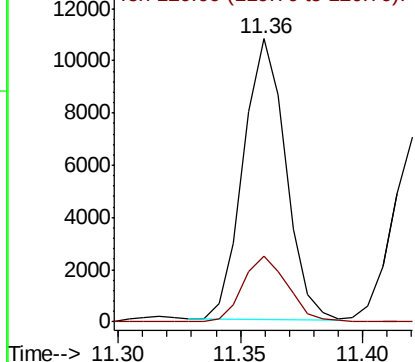


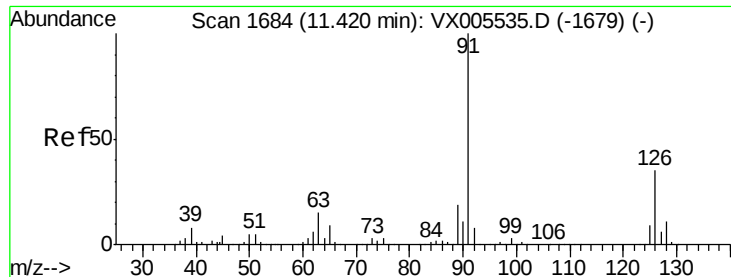
#78
n-propylbenzene
Concen: 1.005 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 91 Resp: 12981
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

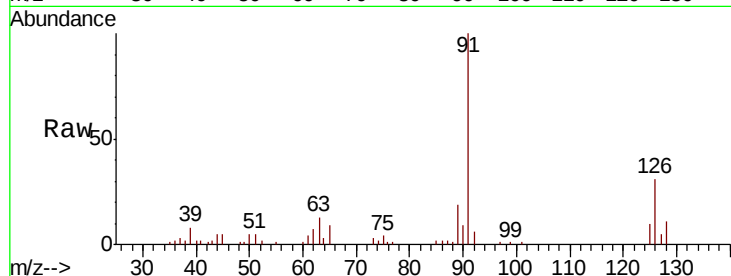




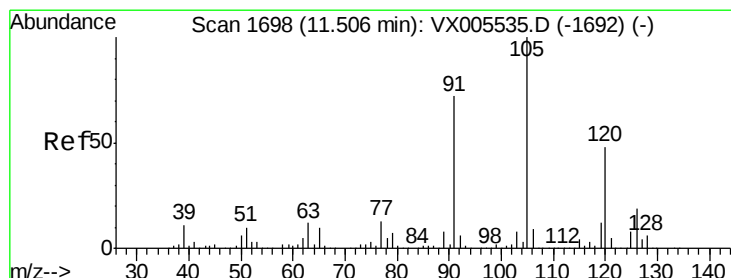
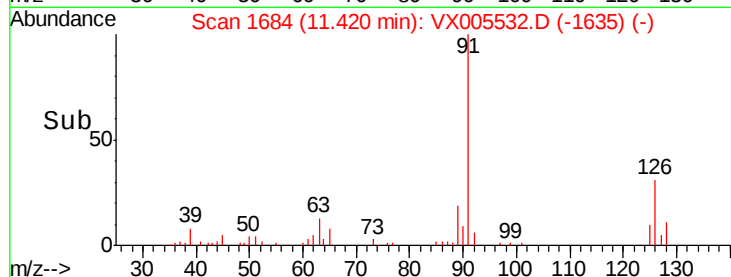
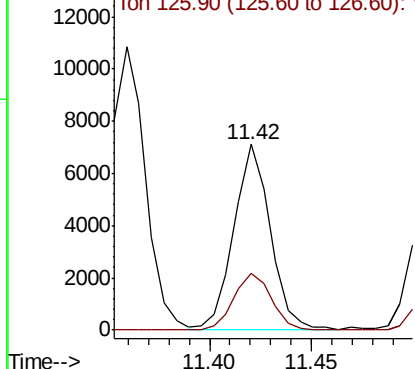
#79
 2-Chlorotoluene
 Concen: 1.110 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 91 Resp: 8890
 Ion Ratio Lower Upper
 91 100
 126 31.5 17.3 52.0

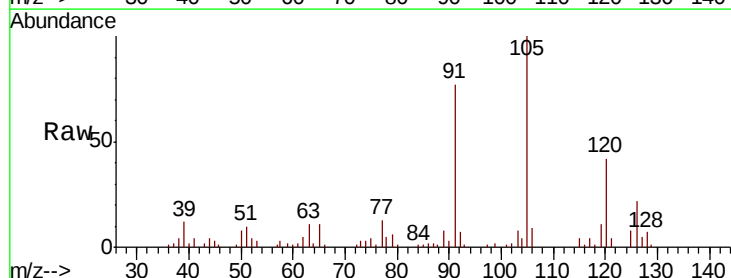


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

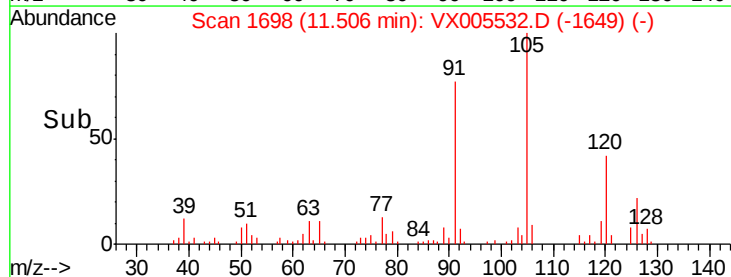
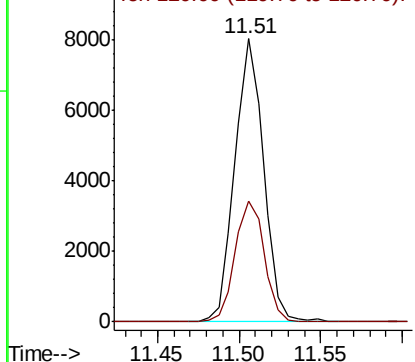


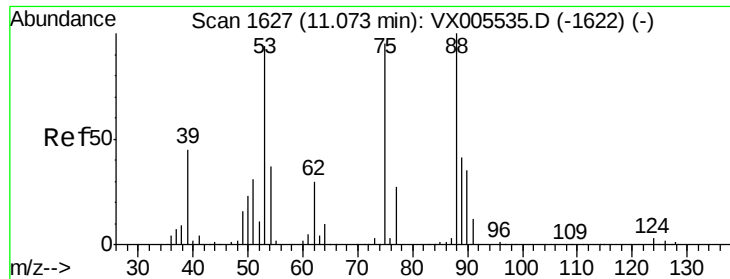
#80
 1,3,5-Trimethylbenzene
 Concen: 1.020 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 105 Resp: 9855
 Ion Ratio Lower Upper
 105 100
 120 43.3 24.1 72.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 0.948 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

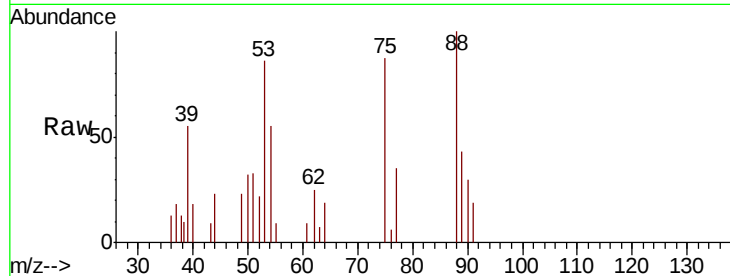
Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

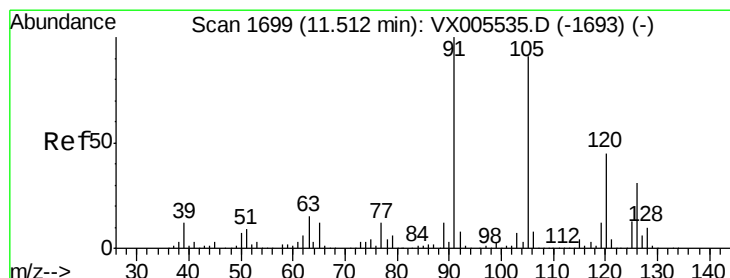
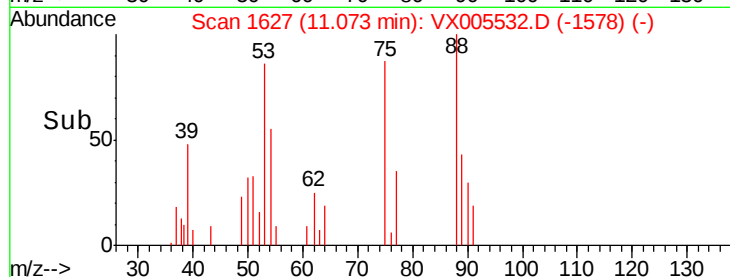
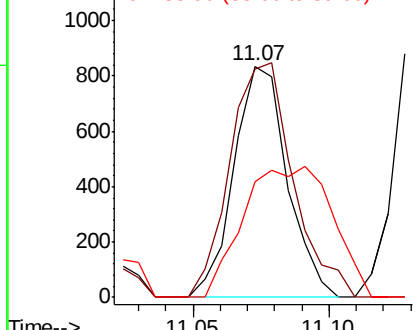
75 100

53 119.9 80.2 120.2

89 94.5 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.063 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005532.D

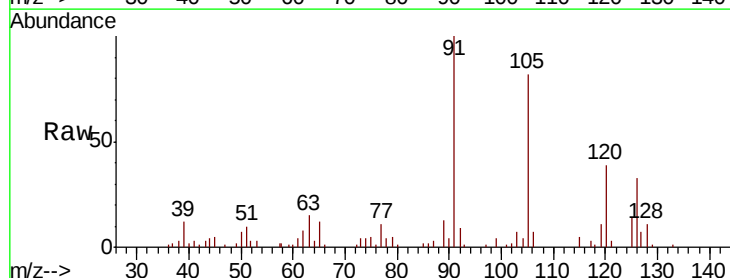
Acq: 24 Oct 2018 10:39

Tgt Ion: 91 Resp: 10042

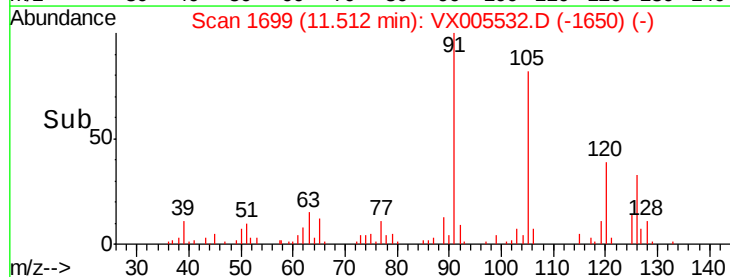
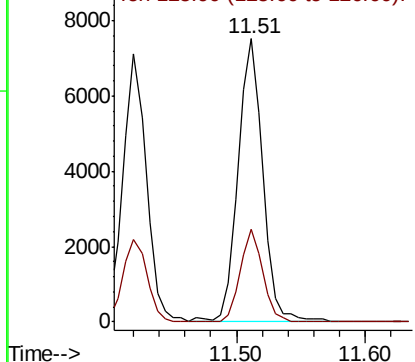
Ion Ratio Lower Upper

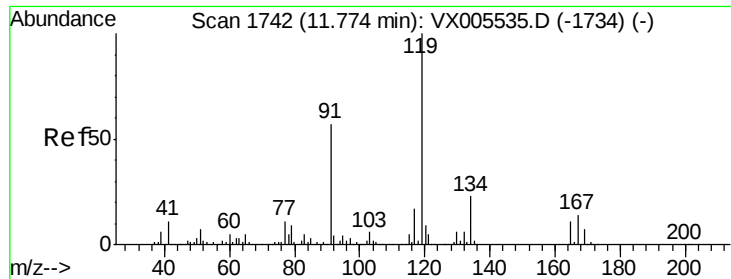
91 100

126 29.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

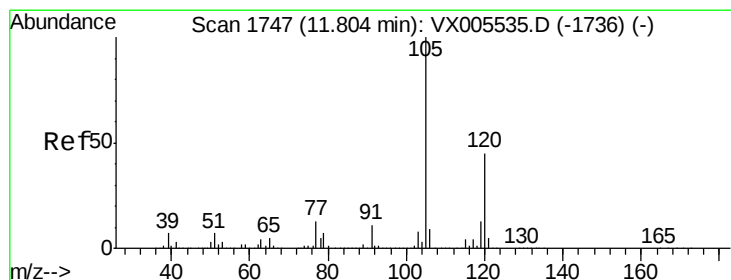
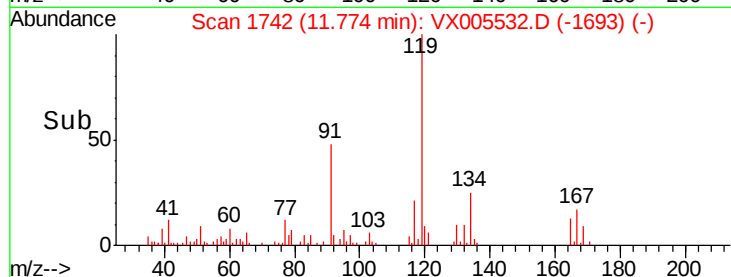
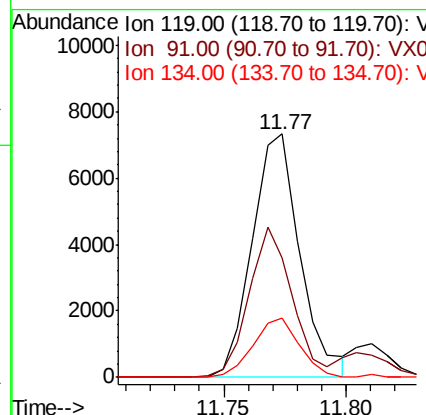
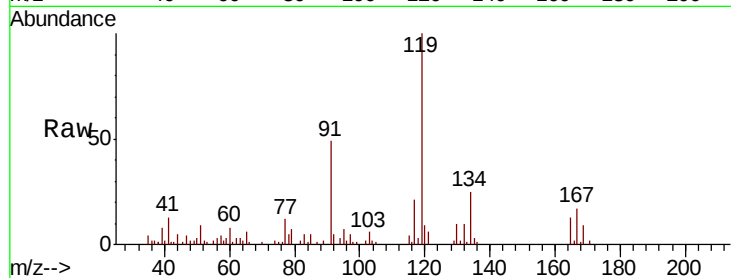




#83
 tert-Butylbenzene
 Concen: 1.036 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

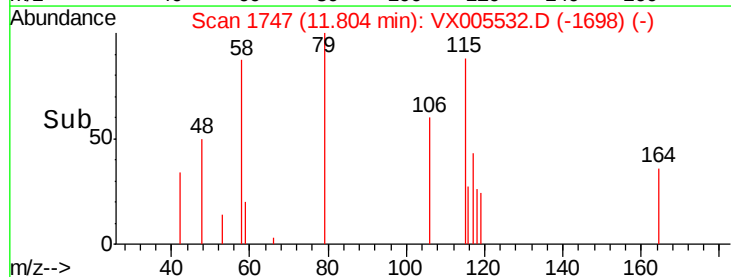
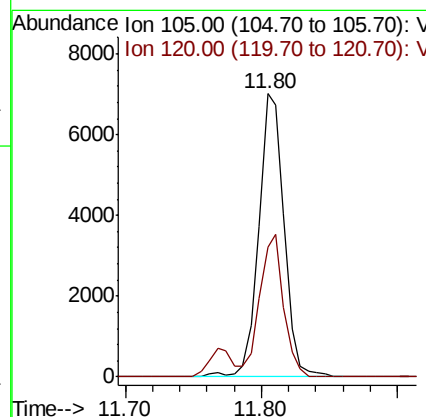
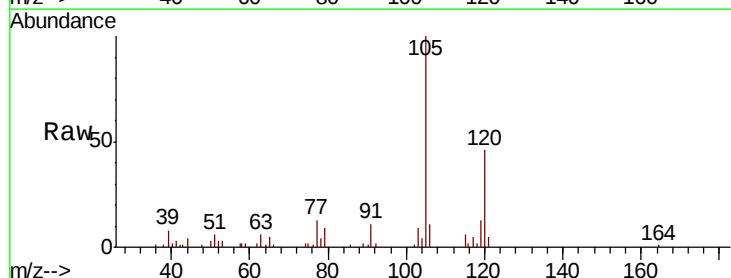
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

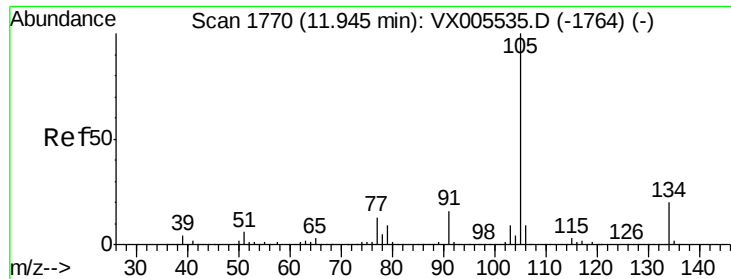
Tgt Ion:119 Resp: 9978
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.5 85.5
 134 23.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.938 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:105 Resp: 9190
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.0

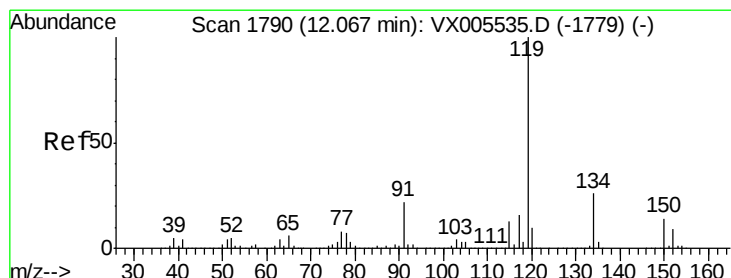
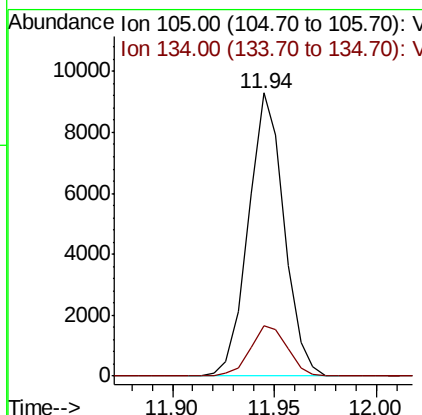
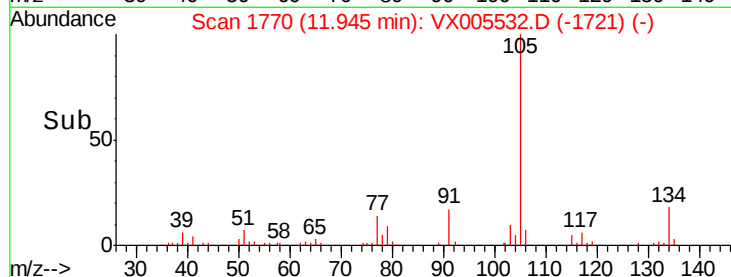
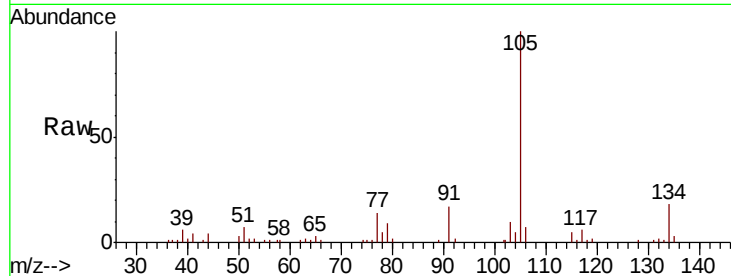




#85
 sec-Butylbenzene
 Concen: 0.982 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

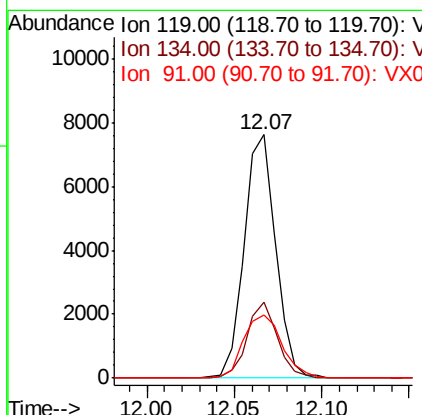
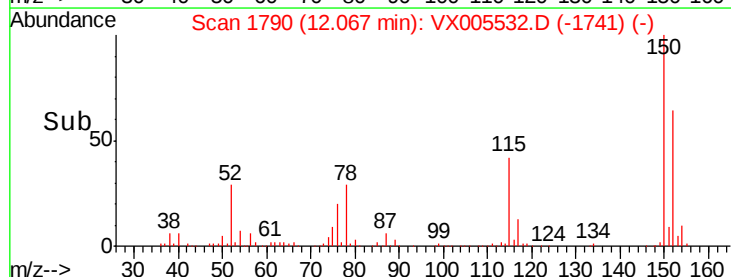
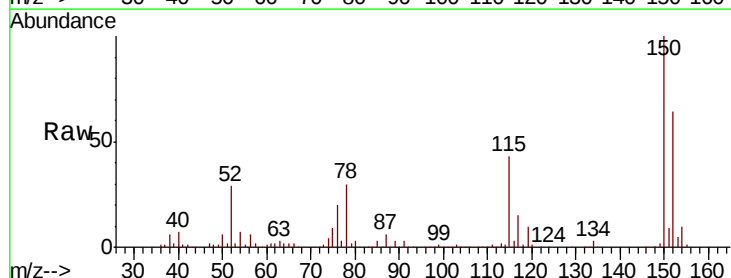
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

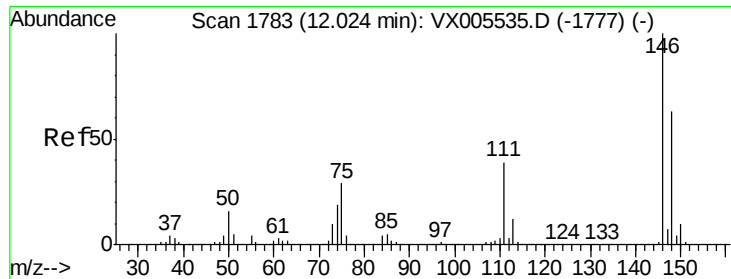
Tgt Ion:105 Resp: 11293
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.933 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:119 Resp: 9586
 Ion Ratio Lower Upper
 119 100
 134 30.3 13.0 39.0
 91 31.8 11.4 34.2

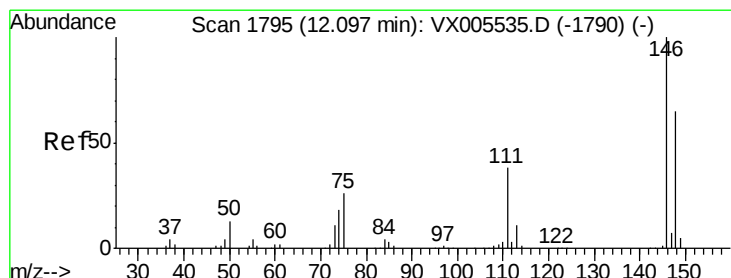
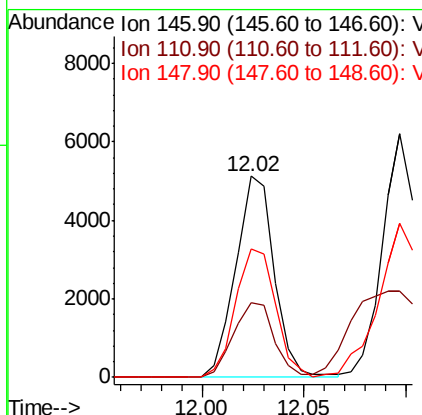
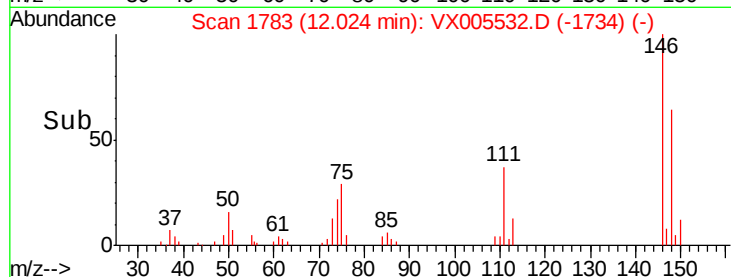
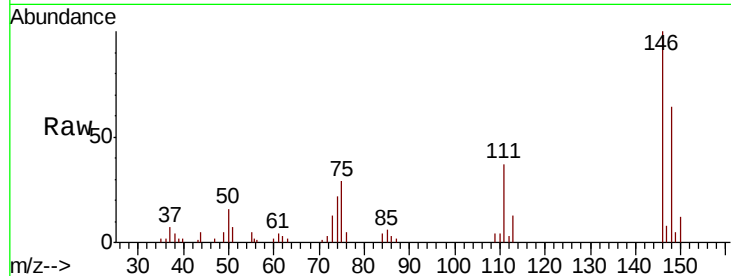




#87
 1,3-Dichlorobenzene
 Concen: 1.138 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

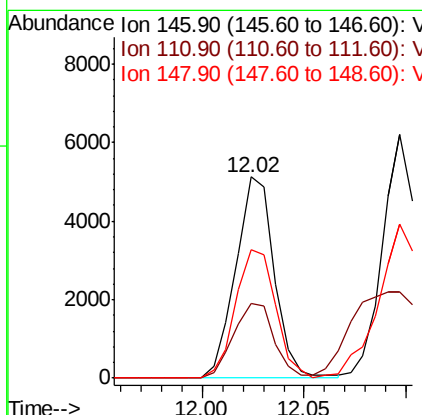
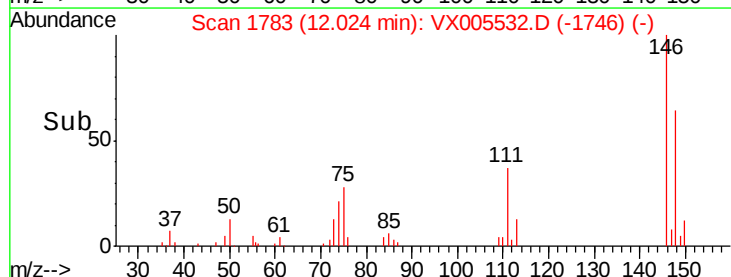
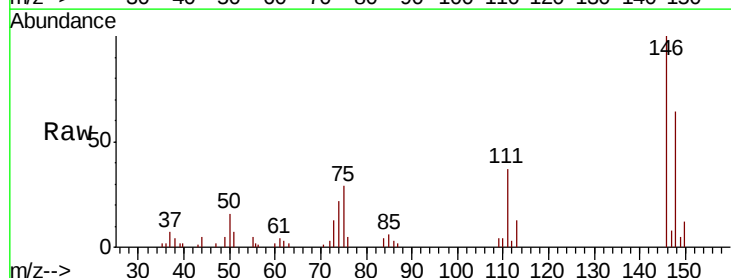
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

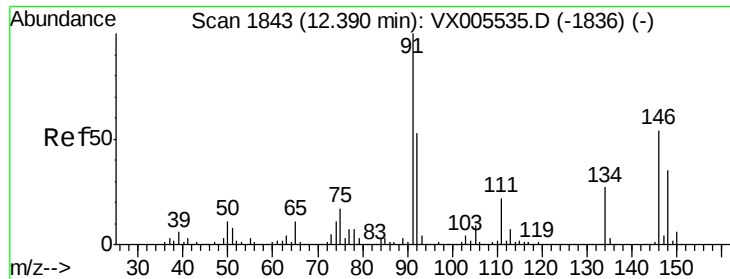
Tgt Ion:146 Resp: 6738
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.0 57.0
 148 66.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 1.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:146 Resp: 6738
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 55.8
 148 66.3 32.1 96.3

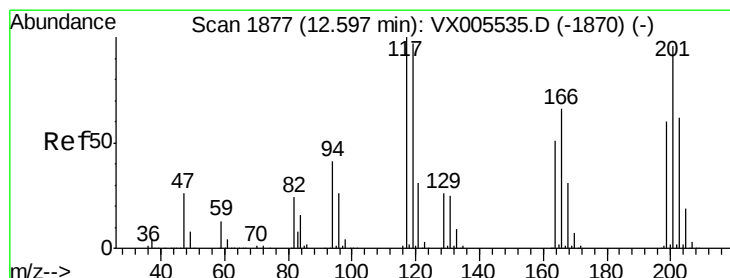
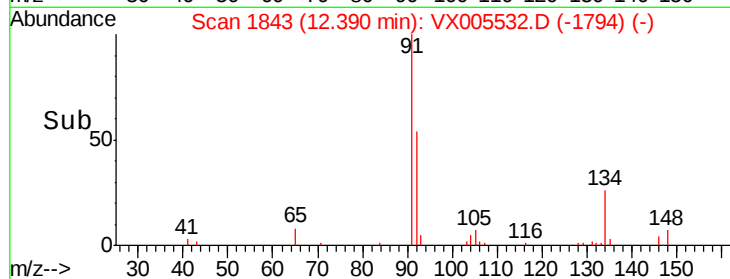
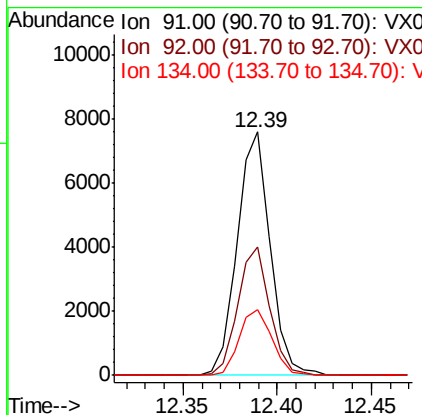
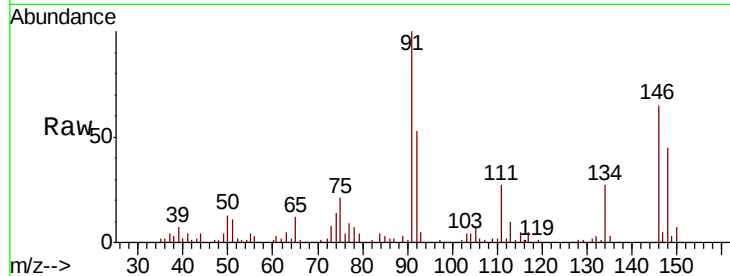




#89
n-Butylbenzene
Concen: 0.995 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

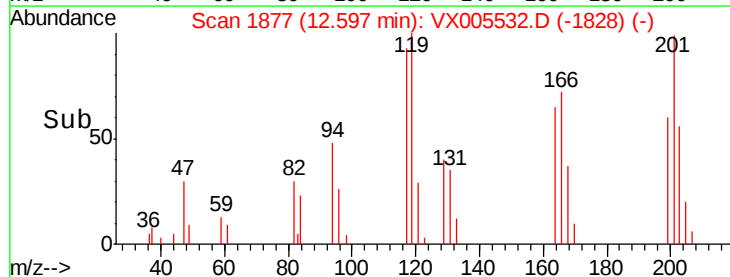
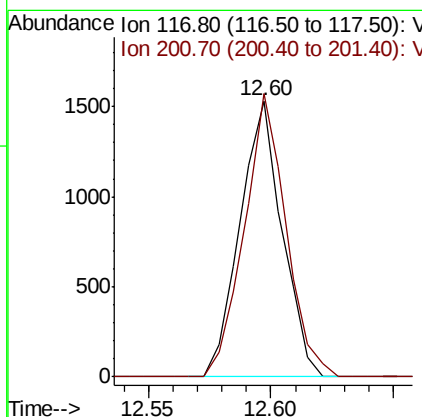
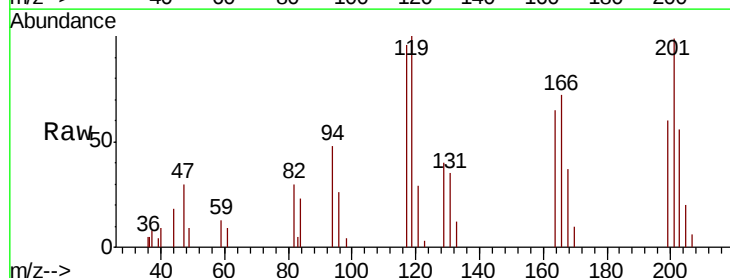
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

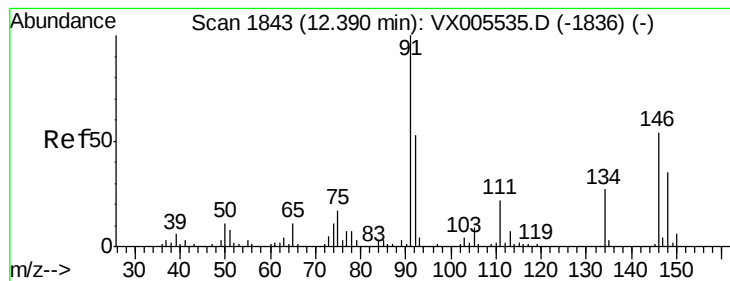
Tgt Ion: 91 Resp: 9226
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 26.8 13.1 39.3



#90
Hexachloroethane
Concen: 1.038 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 117 Resp: 1840
Ion Ratio Lower Upper
117 100
201 101.6 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 1.154 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

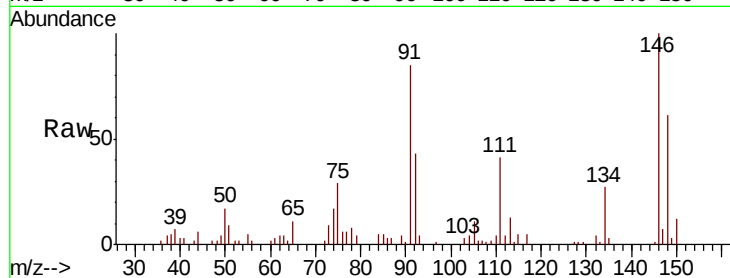
Tgt Ion:146 Resp: 6912

Ion Ratio Lower Upper

146 100

111 41.4 20.0 59.9

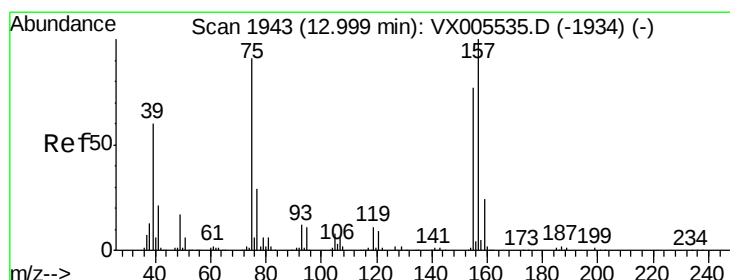
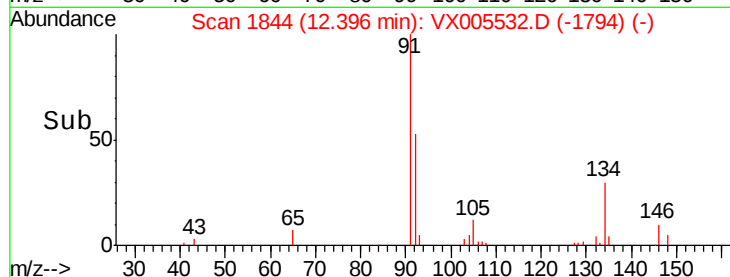
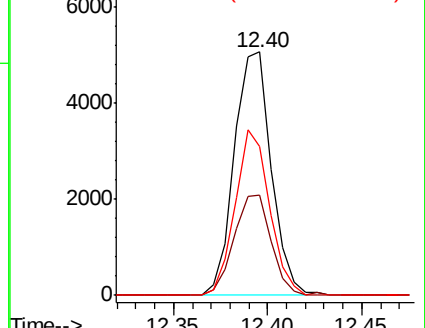
148 63.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.145 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

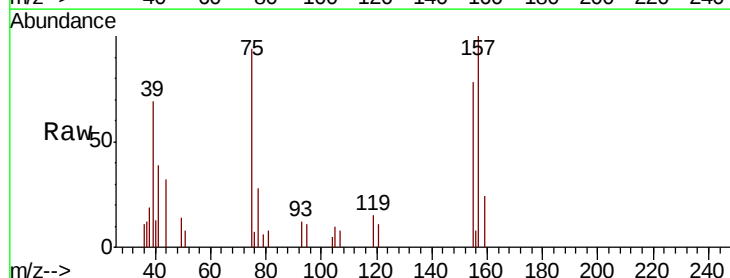
Tgt Ion: 75 Resp: 1154

Ion Ratio Lower Upper

75 100

155 85.2 45.4 136.1

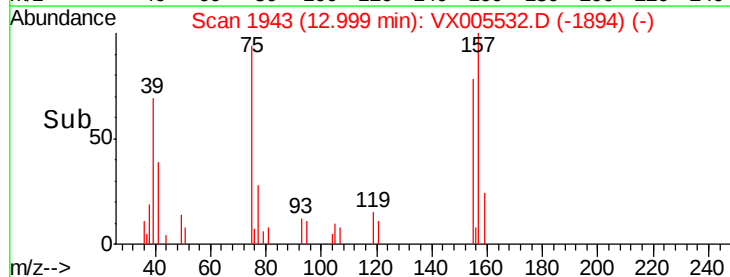
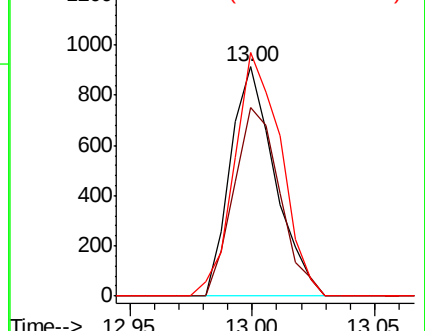
157 110.9 57.4 172.0

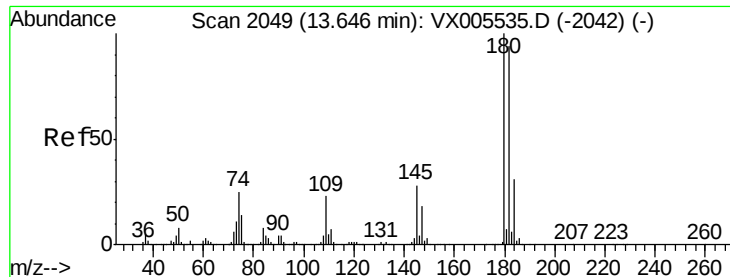


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

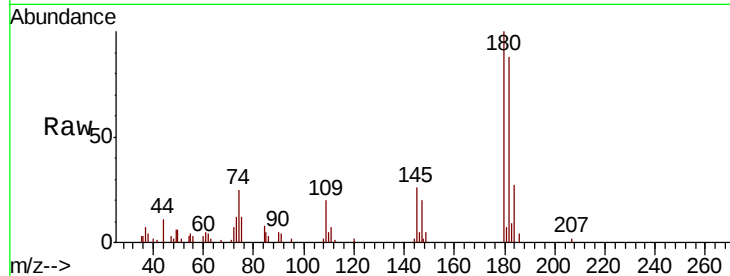




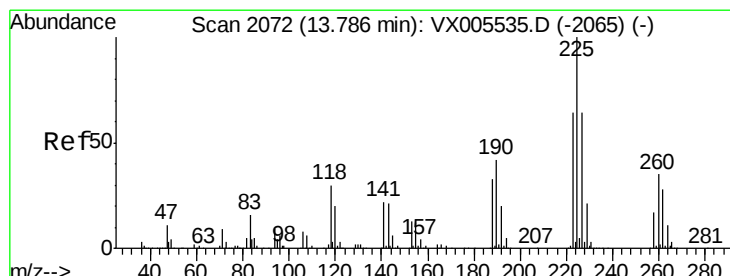
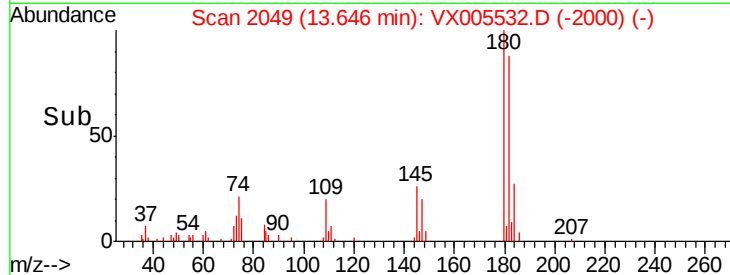
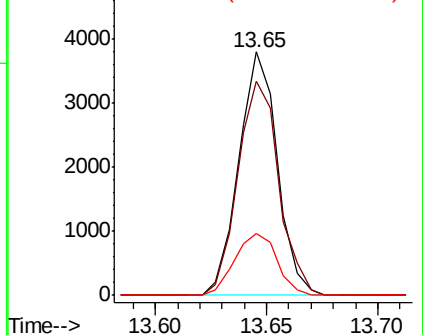
#93
 1,2,4-Trichlorobenzene
 Concen: 1.053 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 4574
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.8
 145 28.0 14.1 42.2

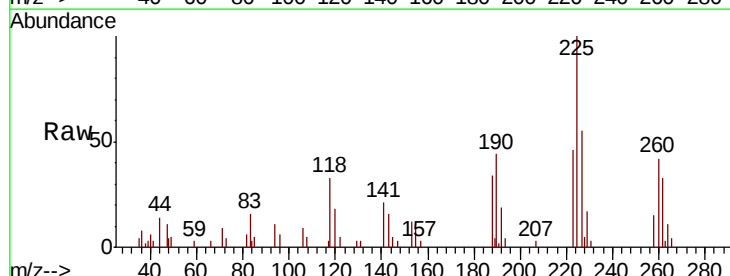


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

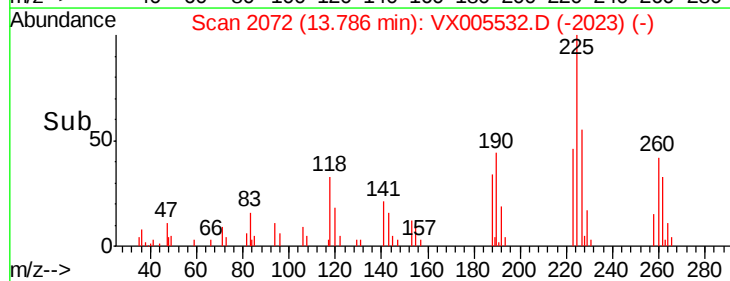
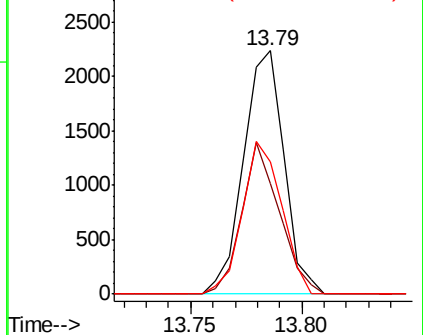


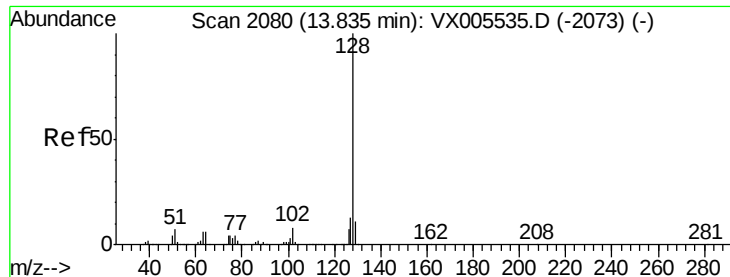
#94
 Hexachlorobutadiene
 Concen: 1.266 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:225 Resp: 2849
 Ion Ratio Lower Upper
 225 100
 223 57.6 31.7 95.1
 227 60.9 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: 0.911 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

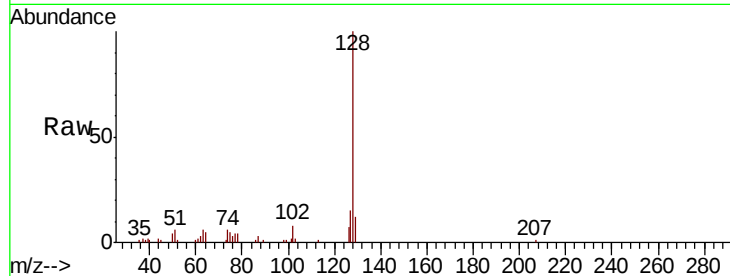
Tgt Ion:128 Resp: 11500

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

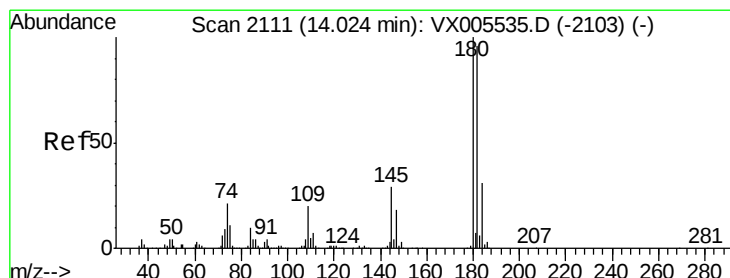
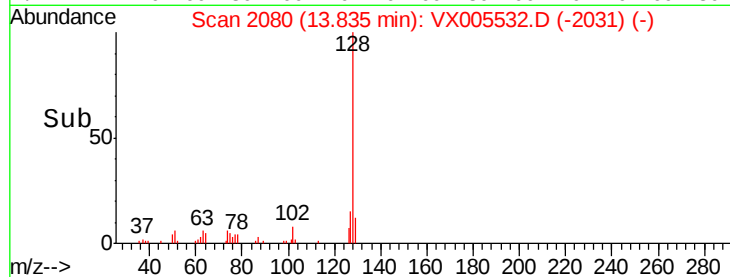
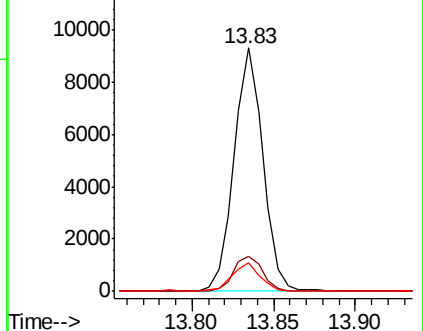
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.014 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

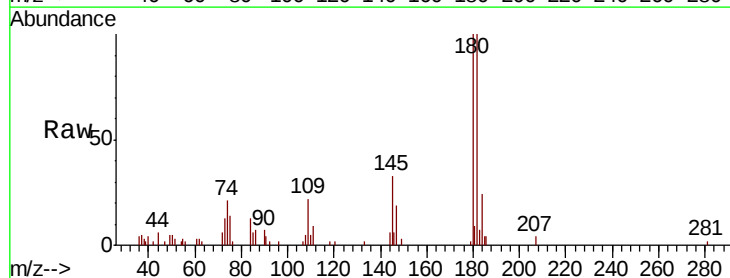
Tgt Ion:180 Resp: 4464

Ion Ratio Lower Upper

180 100

182 100.0 48.0 144.2

145 32.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

