

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006074.D
 Acq On : 17 Nov 2018 17:45
 Operator : JC/MD
 Sample : VX1117MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Quant Time: Nov 19 00:17:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	129126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	65044	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	51249	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	175569	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.14	95	65269	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	16206	16.889	ug/l 99
3) Chloromethane	1.32	50	22062	17.519	ug/l 97
4) Vinyl Chloride	1.40	62	22677	17.937	ug/l 97
5) Bromomethane	1.64	94	13272	17.155	ug/l 97
6) Chloroethane	1.73	64	15480	20.521	ug/l 98
7) Trichlorofluoromethane	1.93	101	31932	19.028	ug/l 100
8) Diethyl Ether	2.19	74	13537	20.587	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18467	19.134	ug/l 97
10) Methyl Iodide	2.51	142	21013	17.964	ug/l 99
11) Tert butyl alcohol	3.07	59	34665	98.900	ug/l 98
12) 1,1-Dichloroethene	2.37	96	17681	18.795	ug/l 95
13) Acrolein	2.29	56	10170	75.352	ug/l 97
14) Allyl chloride	2.73	41	41456	19.731	ug/l 98
15) Acrylonitrile	3.15	53	77461	106.640	ug/l 100
16) Acetone	2.45	43	70404	106.869	ug/l 99
17) Carbon Disulfide	2.57	76	43511	15.506	ug/l 99
18) Methyl Acetate	2.78	43	40366	22.035	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	68584	21.361	ug/l 100
20) Methylene Chloride	2.85	84	21203	19.593	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	18477	18.622	ug/l 97
22) Diisopropyl ether	3.87	45	76941	20.905	ug/l 92
23) Vinyl Acetate	3.82	43	321880	101.999	ug/l 98
24) 1,1-Dichloroethane	3.70	63	40332	20.540	ug/l 100
25) 2-Butanone	4.70	43	103001	99.448	ug/l 96
26) 2,2-Dichloropropane	4.58	77	26913	18.684	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	21442	19.571	ug/l 98
28) Bromochloromethane	5.01	49	18940	21.582	ug/l 96
29) Tetrahydrofuran	5.15	42	66274	99.658	ug/l 99
30) Chloroform	5.21	83	36912	19.484	ug/l 97
31) Cyclohexane	5.57	56	30286	17.768	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	30796	19.489	ug/l 99
36) 1,1-Dichloropropene	5.80	75	25775	15.881	ug/l 97
37) Ethyl Acetate	4.86	43	37069	17.368	ug/l 99
38) Carbon Tetrachloride	5.79	117	26921	16.569	ug/l 91

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Quant Time: Nov 19 00:17:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26661	16.208	ug/l	90
40) Benzene	6.13	78	88045	18.609	ug/l	98
41) Methacrylonitrile	5.06	41	20809	18.044	ug/l	99
42) 1,2-Dichloroethane	6.20	62	31649	18.676	ug/l	99
43) Isopropyl Acetate	6.46	43	57240	18.509	ug/l	97
44) Trichloroethene	7.21	130	20625	17.165	ug/l	85
45) 1,2-Dichloropropane	7.51	63	22174	19.309	ug/l	95
46) Dibromomethane	7.66	93	13621	18.902	ug/l	100
47) Bromodichloromethane	7.90	83	25007	18.362	ug/l	95
48) Methyl methacrylate	7.77	41	25432	18.314	ug/l	99
49) 1,4-Dioxane	7.75	88	10834	362.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	179193	91.937	ug/l	100
52) Toluene	8.79	92	46329	17.520	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26157	16.275	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	29286	17.878	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	20304	17.228	ug/l	98
56) Ethyl methacrylate	9.18	69	28746	16.302	ug/l	98
57) 1,3-Dichloropropane	9.37	76	33126	16.726	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	85407	94.221	ug/l	99
59) 2-Hexanone	9.49	43	137240	79.882	ug/l	99
60) Dibromochloromethane	9.59	129	19976	15.684	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20602	15.809	ug/l	100
64) Tetrachloroethene	9.34	164	20739	18.864	ug/l	98
65) Chlorobenzene	10.14	112	52463	20.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	19488	21.670	ug/l	99
67) Ethyl Benzene	10.25	91	86303	20.806	ug/l	99
68) m/p-Xylenes	10.36	106	66953	42.316	ug/l	99
69) o-Xylene	10.70	106	32436	22.862	ug/l	99
70) Styrene	10.71	104	53971	23.060	ug/l	99
71) Bromoform	10.86	173	16214	21.507	ug/l #	99
73) Isopropylbenzene	11.02	105	89900	16.784	ug/l	99
74) N-amyl acetate	10.90	43	42940	15.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32169	16.363	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	38392	20.356	ug/l	84
77) Bromobenzene	11.26	156	24485	16.218	ug/l	98
78) n-propylbenzene	11.36	91	102635	16.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	61314	16.070	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79085	17.375	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9195	15.539	ug/l	96
82) 4-Chlorotoluene	11.51	91	74617	16.594	ug/l	99
83) tert-Butylbenzene	11.77	119	90093	19.565	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	99401	19.716	ug/l	99
85) sec-Butylbenzene	11.94	105	118749	21.088	ug/l	99
86) p-Isopropyltoluene	12.07	119	105107	21.073	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	57652	19.898	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	58920	19.865	ug/l	99
89) n-Butylbenzene	12.39	91	87718	18.975	ug/l	99
90) Hexachloroethane	12.60	117	16814	20.191	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	60417	20.816	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9339	19.466	ug/l	98

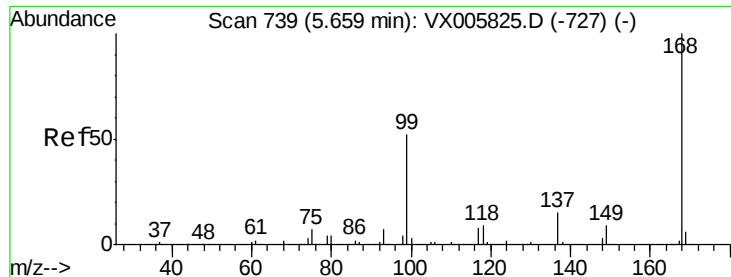
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42737	20.916	ug/l	99
94) Hexachlorobutadiene	13.79	225	20591	19.184	ug/l	99
95) Naphthalene	13.83	128	130923	20.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	44205	21.236	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

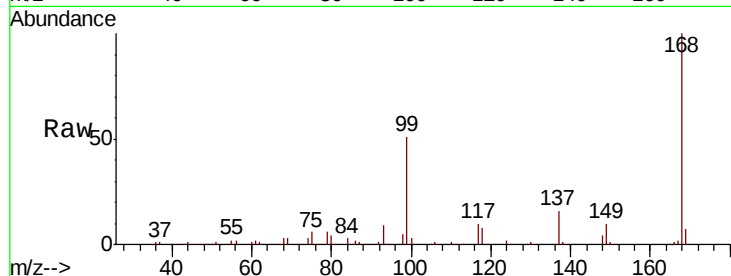
VX1117MBS01

Tot Ion:168 Resp: 106430

Ion Ratio Lower Upper

168 100

99 50.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

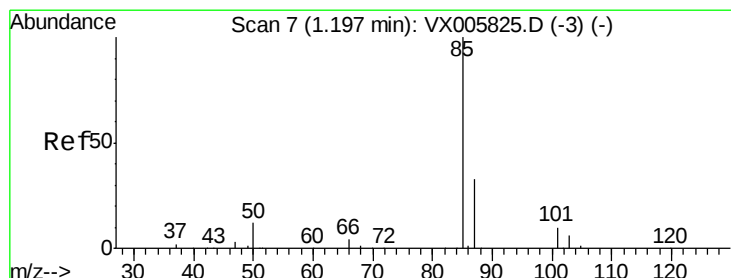
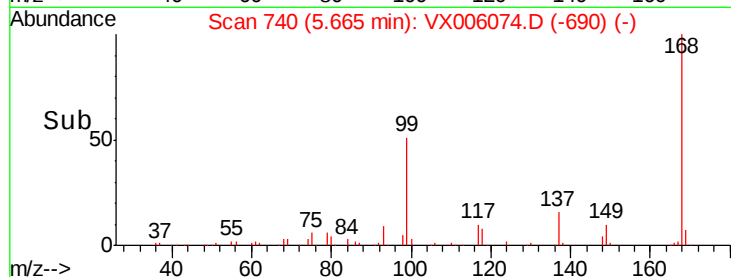
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.889 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006074.D

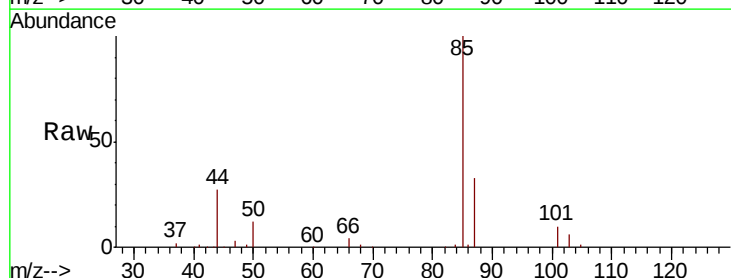
Acq: 17 Nov 2018 17:45

Tgt Ion: 85 Resp: 16206

Ion Ratio Lower Upper

85 100

87 32.9 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

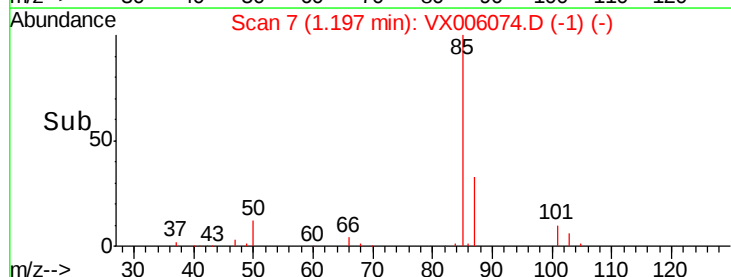
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 17.519 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

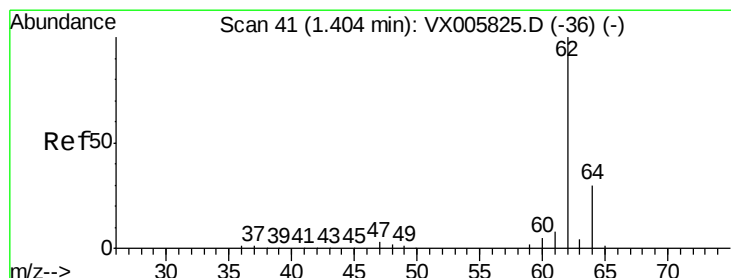
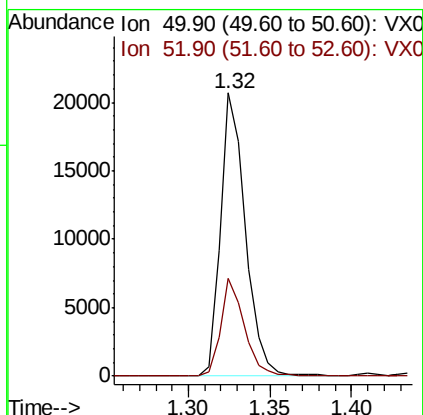
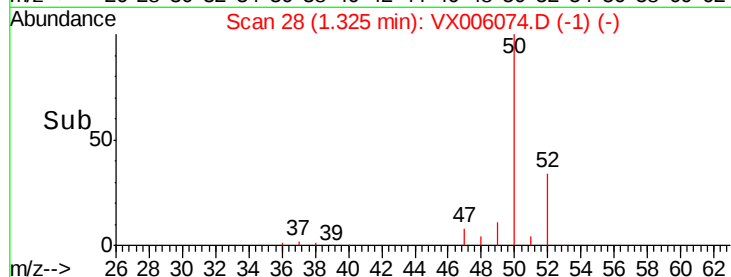
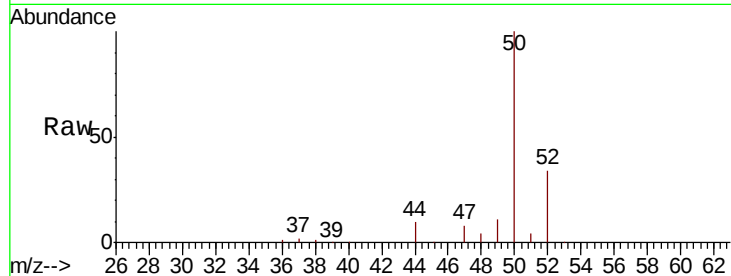
VX1117MBS01

Tot Ion: 50 Resp: 22062

Ion Ratio Lower Upper

50 100

52 34.4 26.2 39.2



#4

Vinyl Chloride

Concen: 17.937 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006074.D

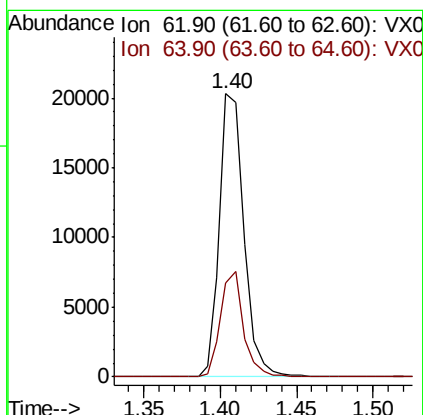
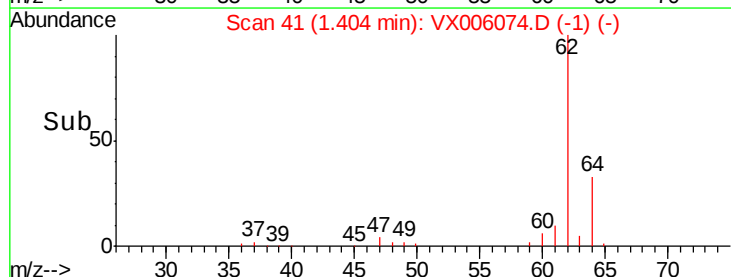
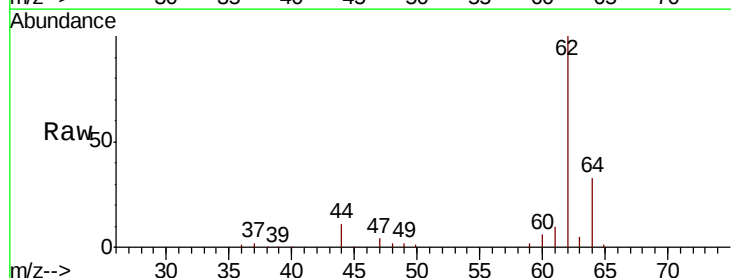
Acq: 17 Nov 2018 17:45

Tgt Ion: 62 Resp: 22677

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 17.155 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

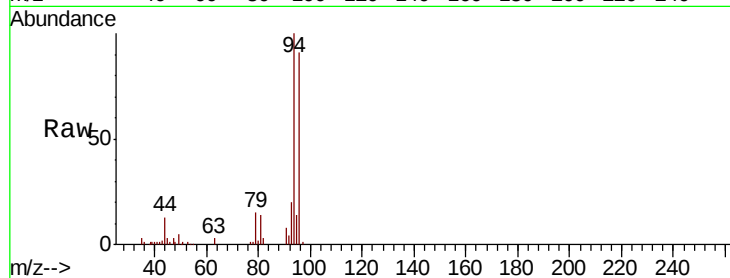
VX1117MBS01

Tot Ion: 94 Resp: 13272

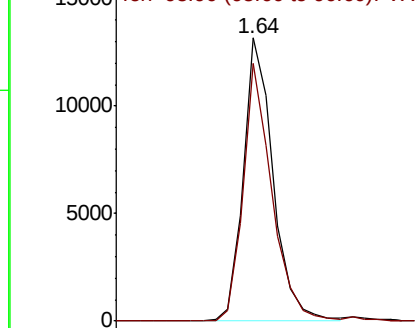
Ion Ratio Lower Upper

94 100

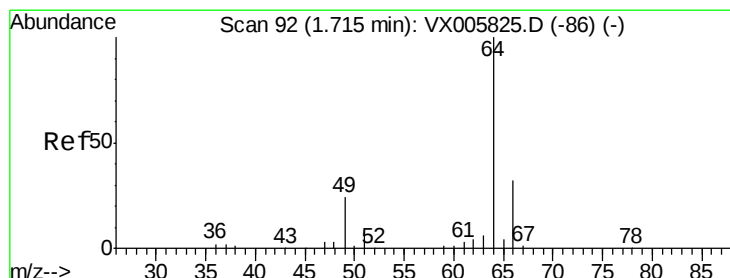
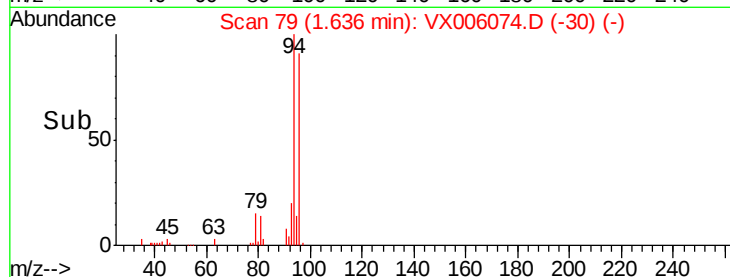
96 91.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 20.521 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006074.D

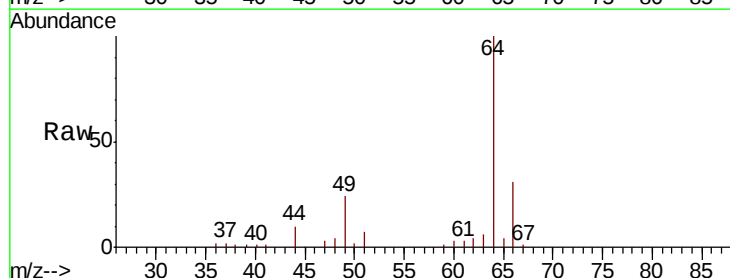
Acq: 17 Nov 2018 17:45

Tgt Ion: 64 Resp: 15480

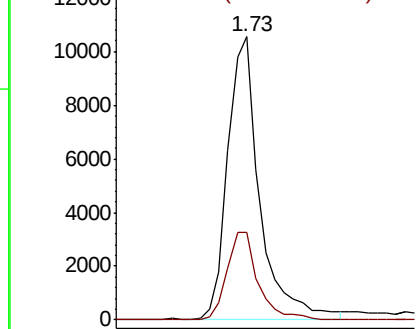
Ion Ratio Lower Upper

64 100

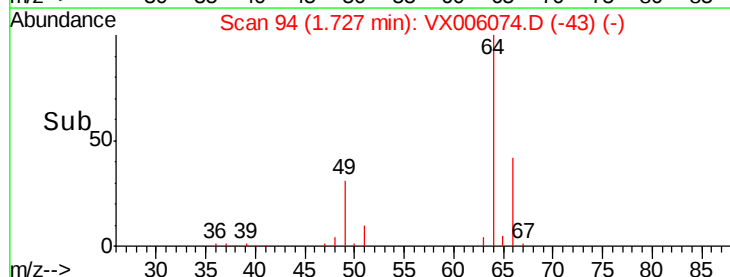
66 31.0 25.8 38.6

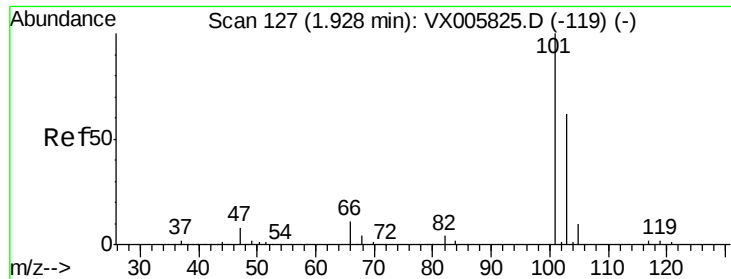


Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



Time-->



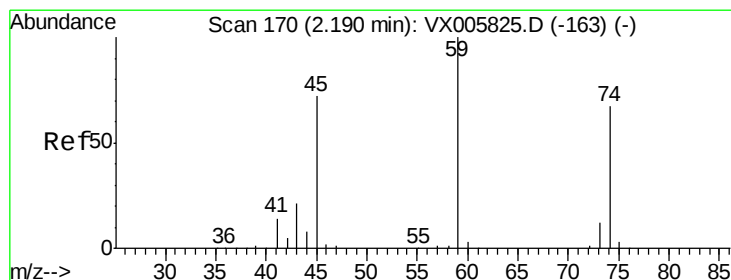
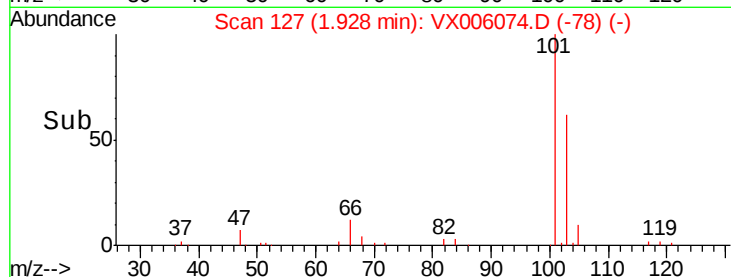
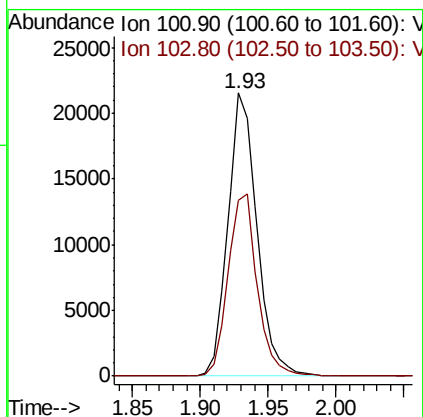
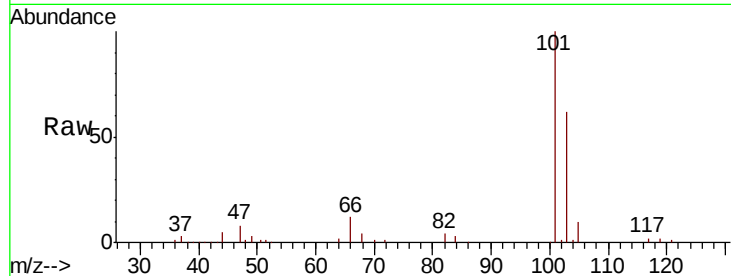


#7

Trichlorofluoromethane
 Concen: 19.028 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
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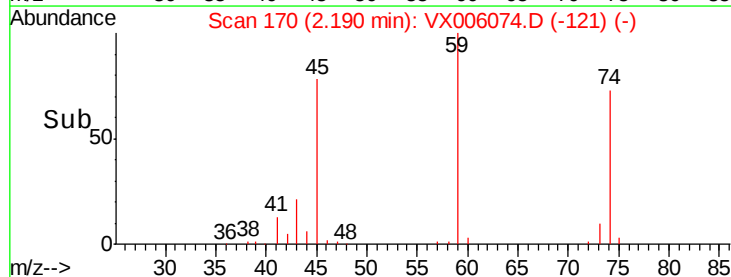
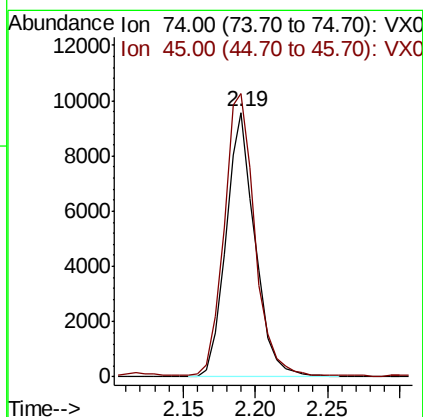
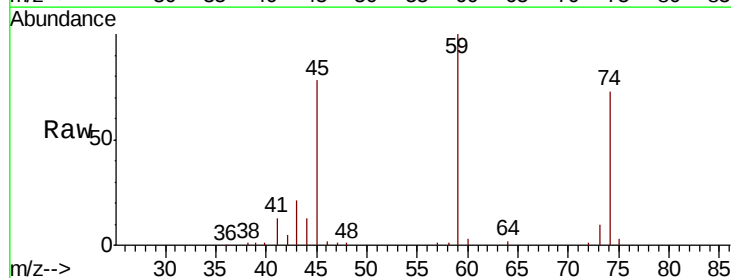
Tot Ion:101 Resp: 31932
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.0 75.0

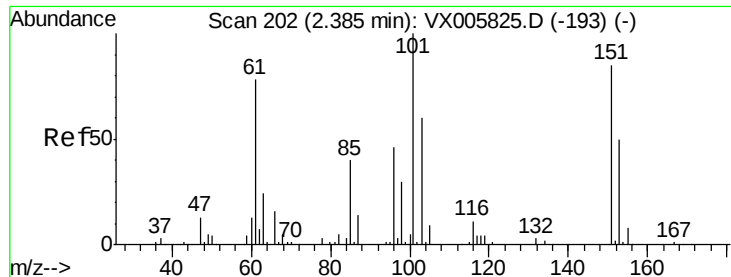


#8

Diethyl Ether
 Concen: 20.587 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 74 Resp: 13537
 Ion Ratio Lower Upper
 74 100
 45 115.6 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.134 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

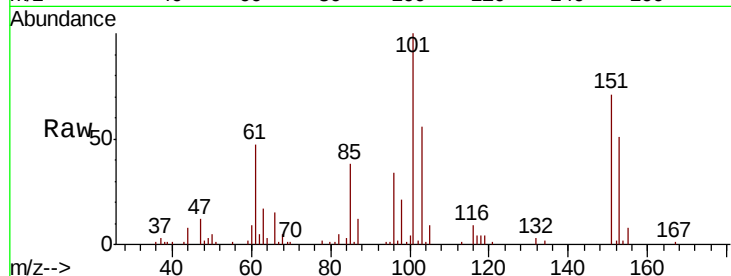
Tot Ion:101 Resp: 18467

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

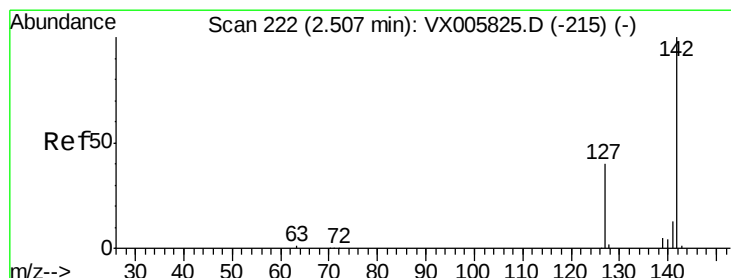
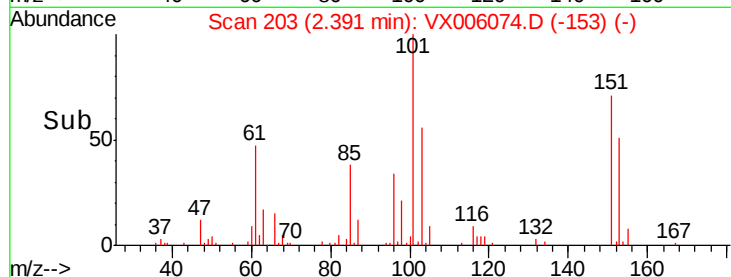
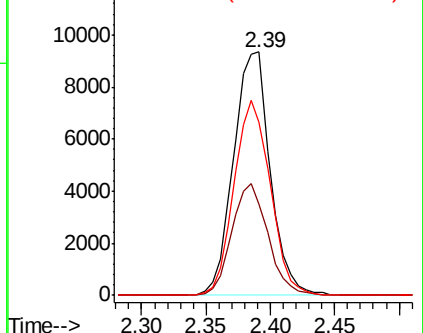
151 79.1 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.964 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

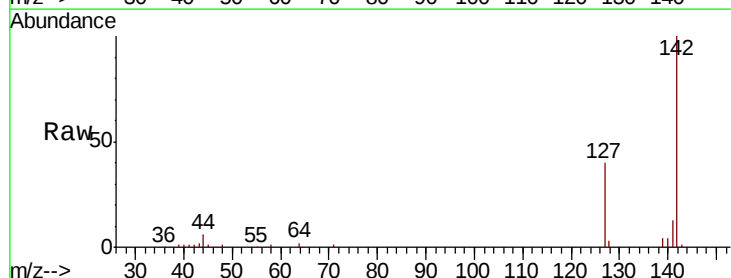
Tgt Ion:142 Resp: 21013

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

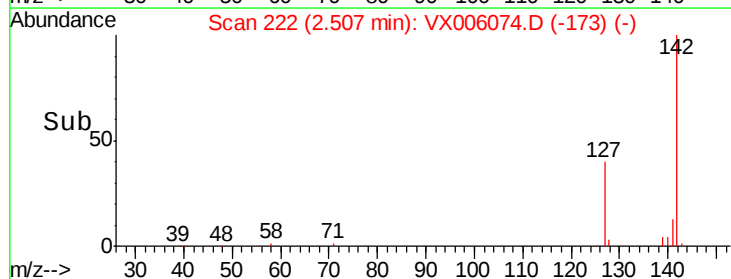
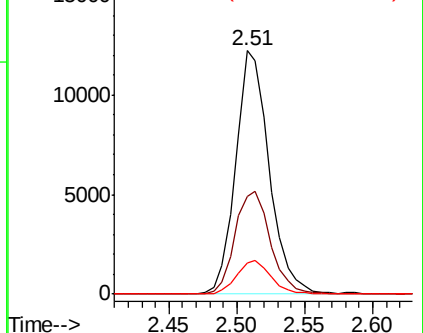
141 14.0 11.7 17.5

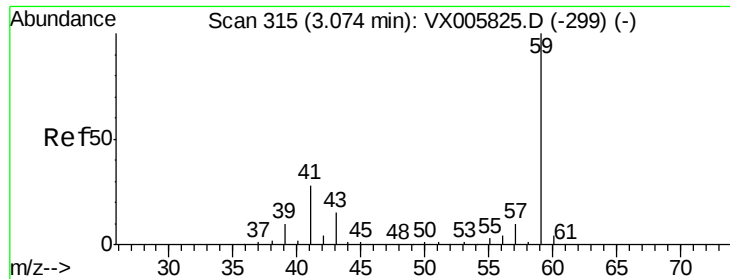


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

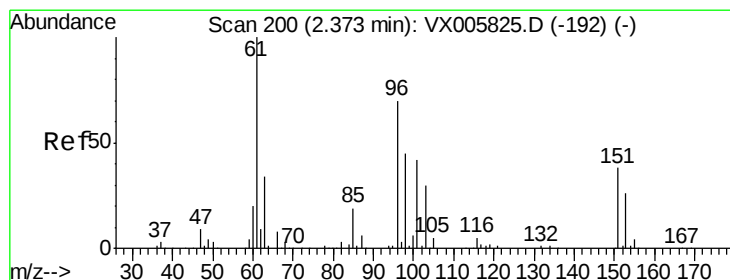
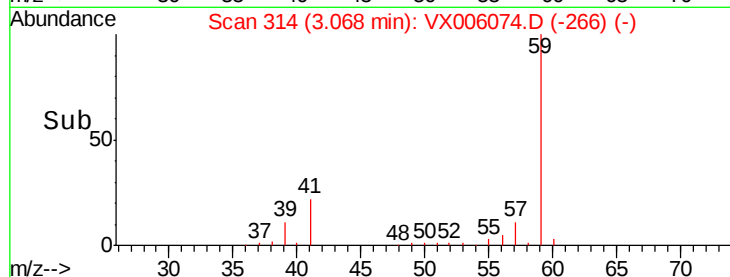
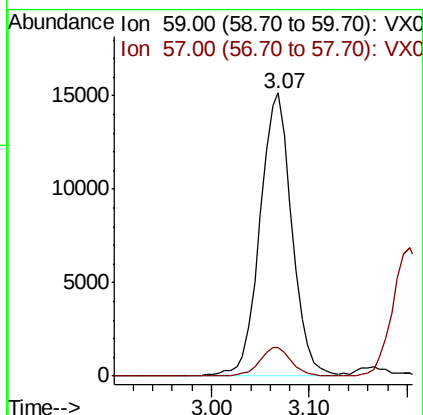
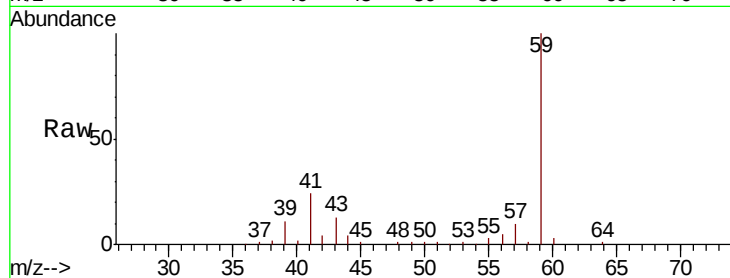




#11
Tert butyl alcohol
Concen: 98.900 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

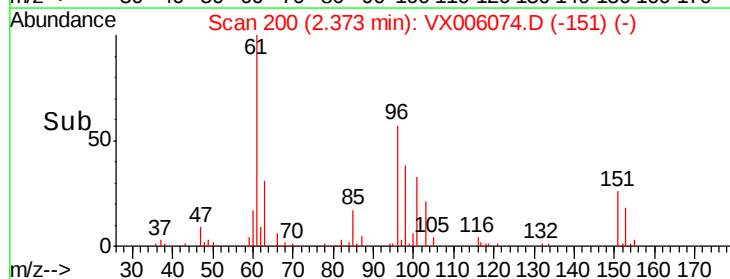
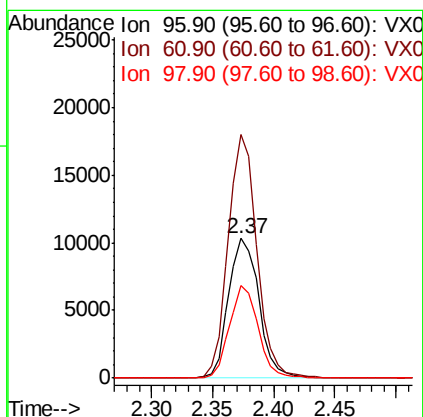
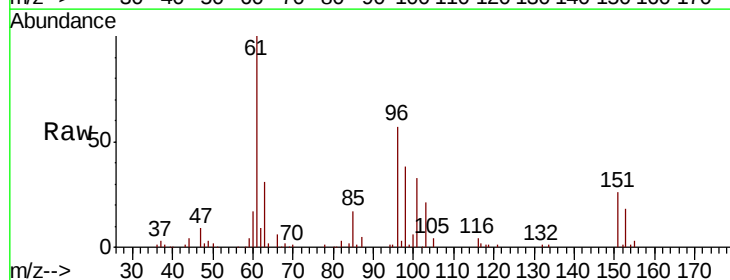
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

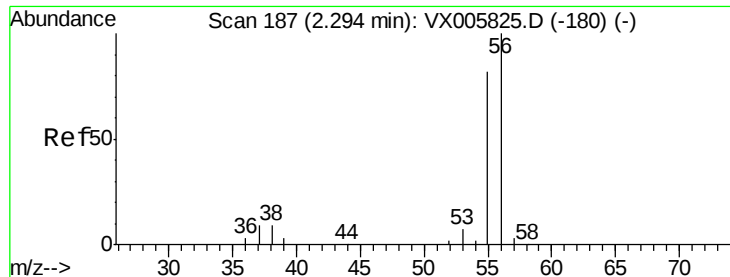
Tot Ion: 59 Resp: 34665
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.795 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 96 Resp: 17681
Ion Ratio Lower Upper
96 100
61 174.7 131.8 197.8
98 66.6 53.4 80.2





#13

Acrolein

Concen: 75.352 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

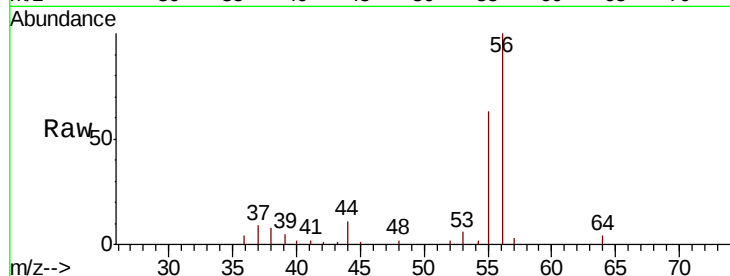
VX1117MBS01

Tot Ion: 56 Resp: 10170

Ion Ratio Lower Upper

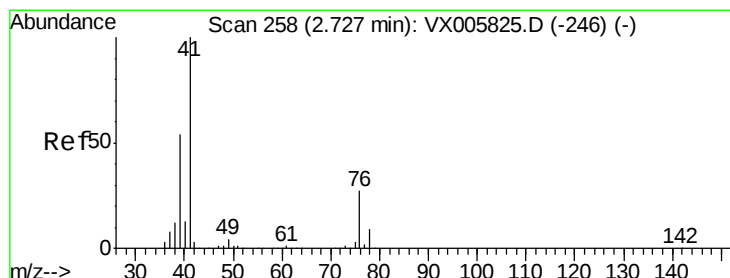
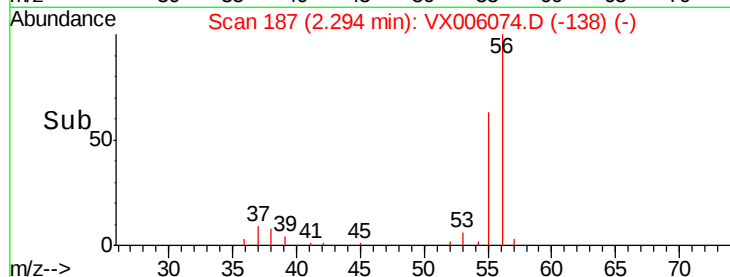
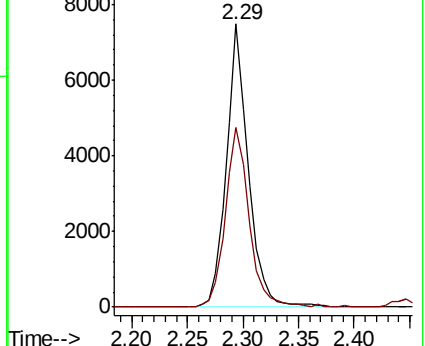
56 100

55 68.8 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: 19.731 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

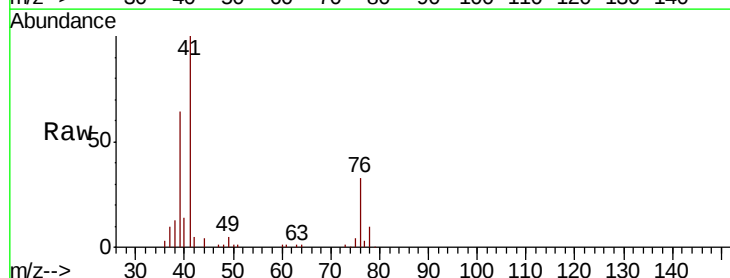
Tgt Ion: 41 Resp: 41456

Ion Ratio Lower Upper

41 100

39 58.5 48.2 72.4

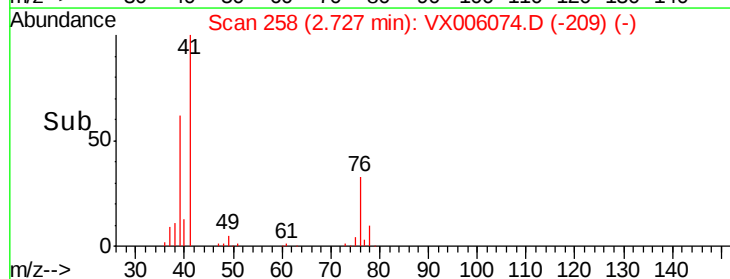
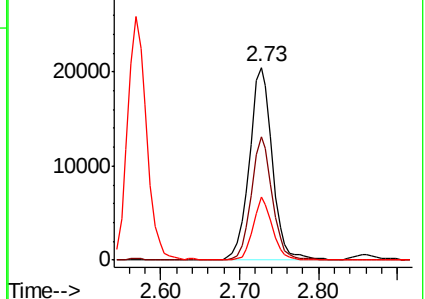
76 27.3 21.9 32.9

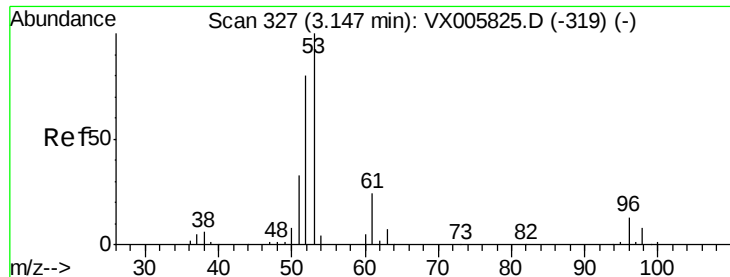


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

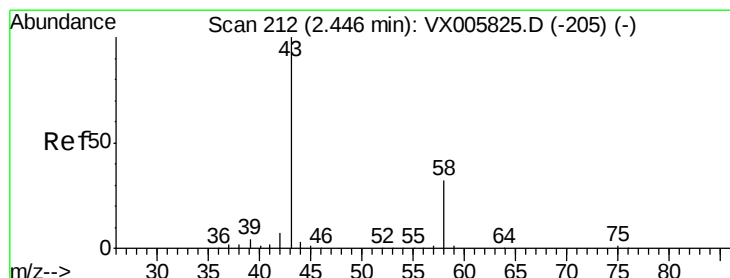
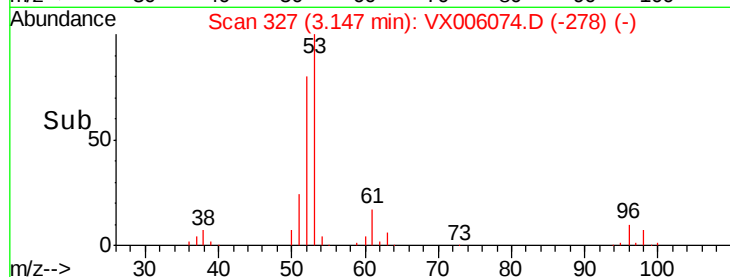
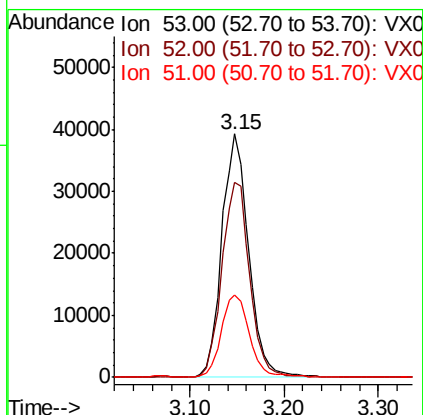
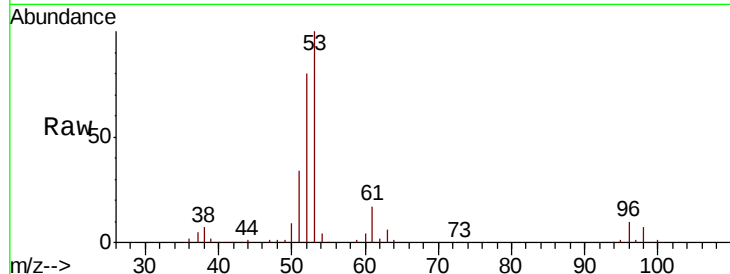




#15
 Acrylonitrile
 Concen: 106.640 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

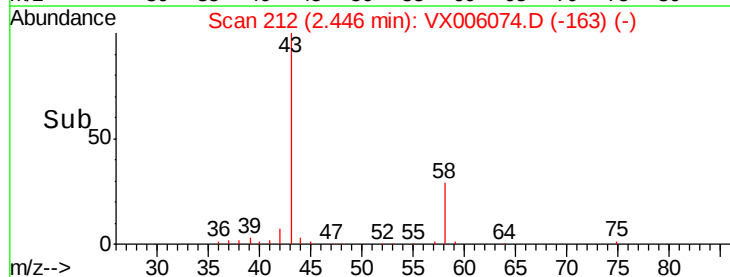
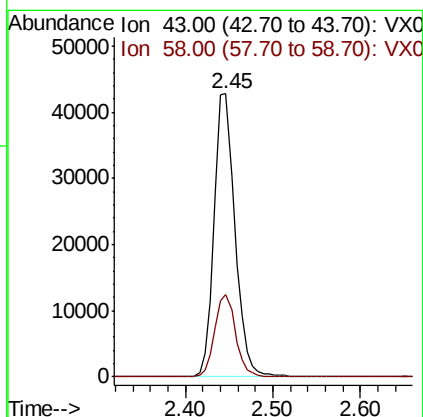
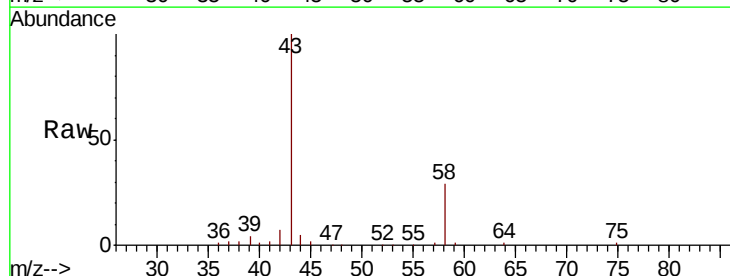
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

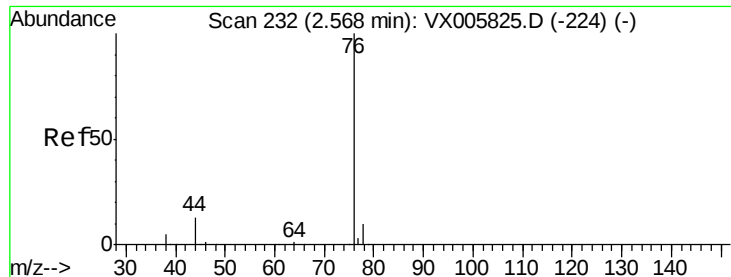
Tot Ion: 53 Resp: 77461
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.6 99.8
 51 36.0 28.4 42.6



#16
 Acetone
 Concen: 106.869 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 43 Resp: 70404
 Ion Ratio Lower Upper
 43 100
 58 29.4 23.8 35.6

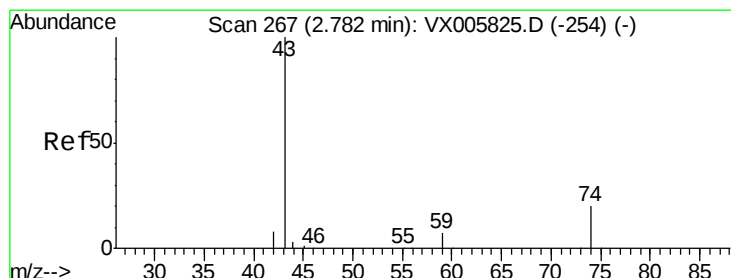
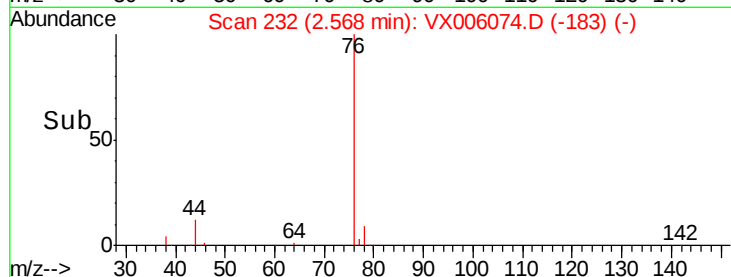
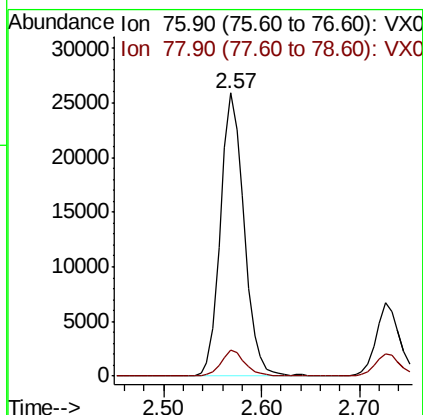
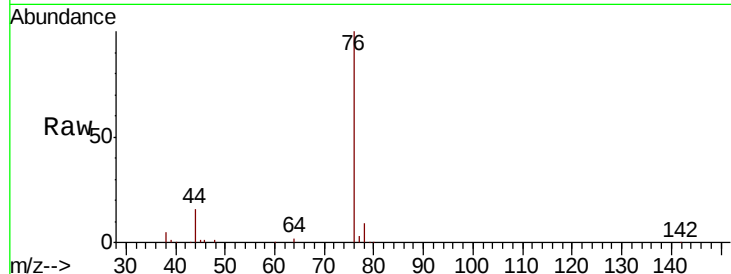




#17
Carbon Disulfide
Concen: 15.506 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

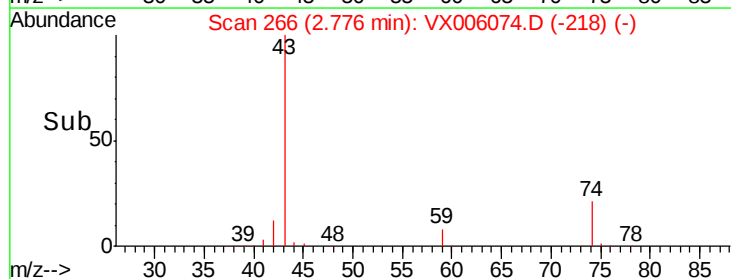
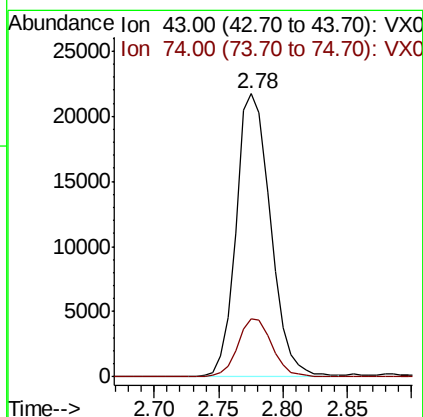
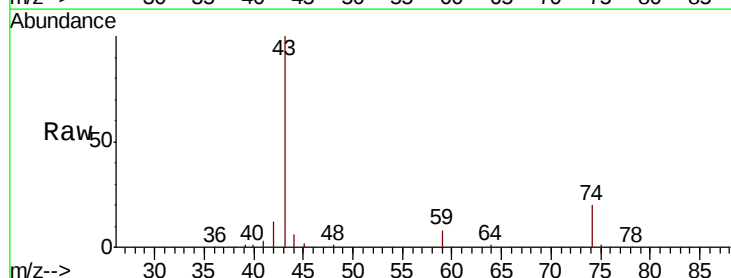
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

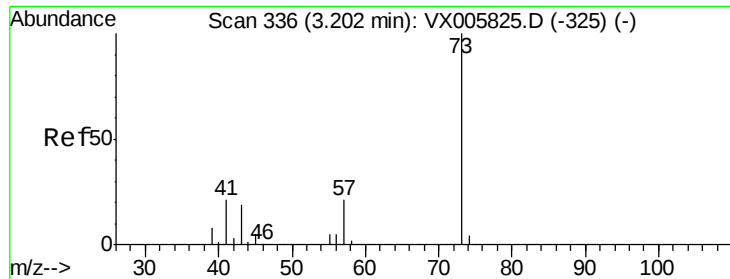
Tot Ion: 76 Resp: 43511
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 22.035 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 43 Resp: 40366
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2

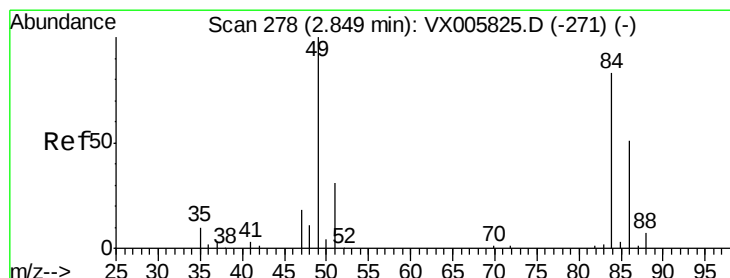
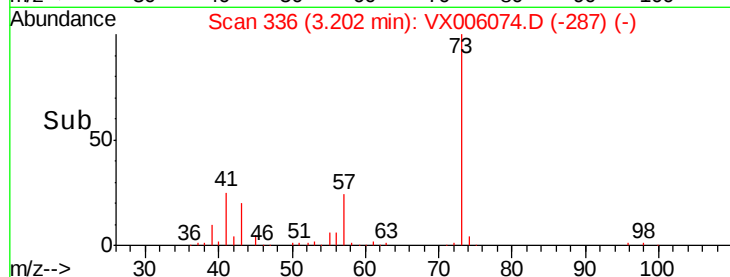
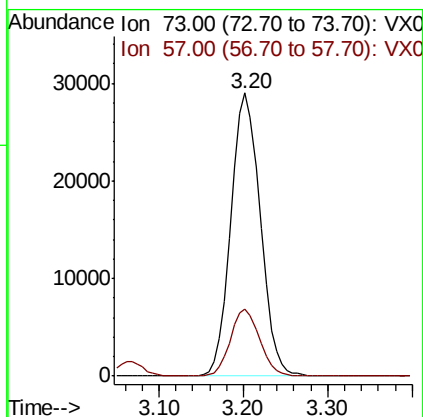
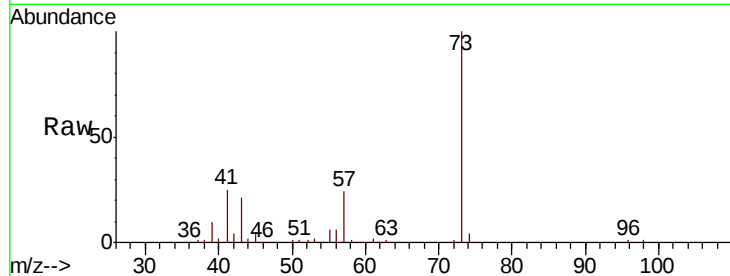




#19
Methvl tert-butvl Ether
Concen: 21.361 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

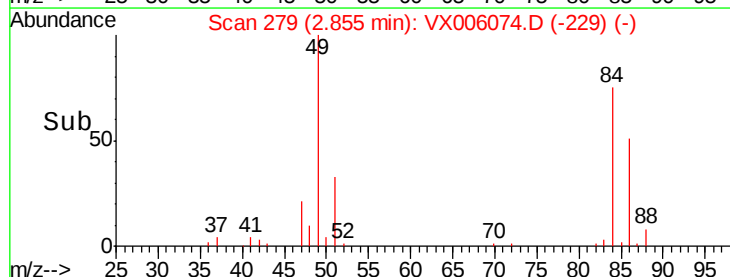
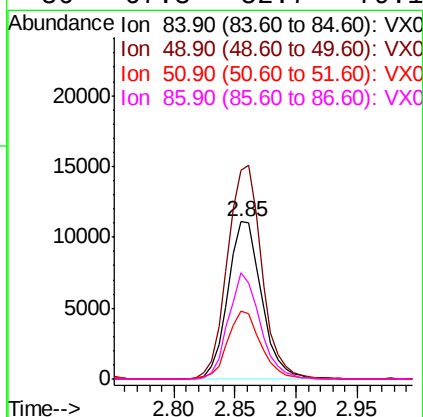
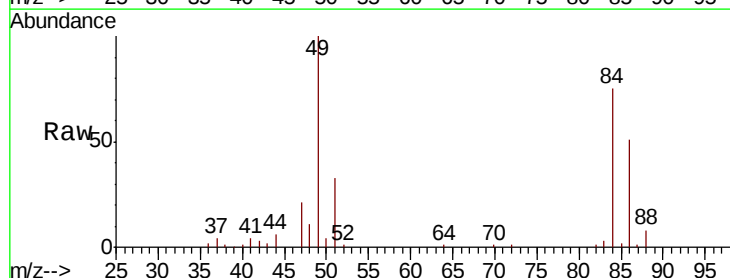
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion: 73 Resp: 68584
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#20
Methylene Chloride
Concen: 19.593 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 84 Resp: 21203
Ion Ratio Lower Upper
84 100
49 133.1 109.5 164.3
51 43.4 33.3 49.9
86 67.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.622 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

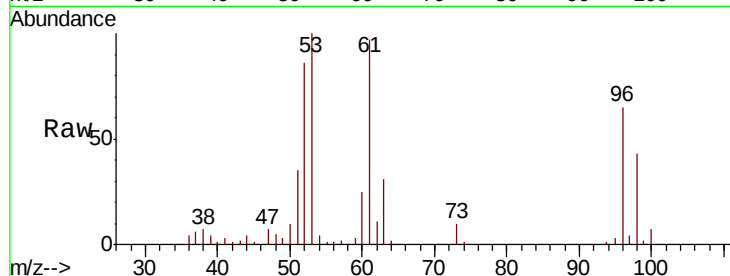
Tot Ion: 96 Resp: 18477

Ion Ratio Lower Upper

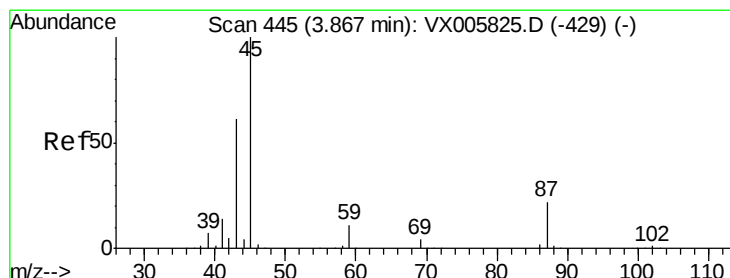
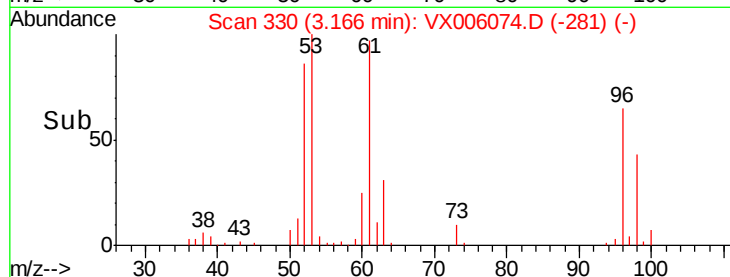
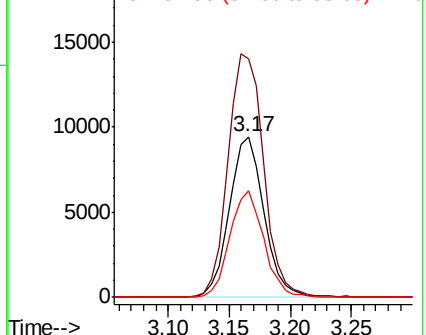
96 100

61 148.2 115.6 173.4

98 66.0 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: 20.905 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion: 45 Resp: 76941

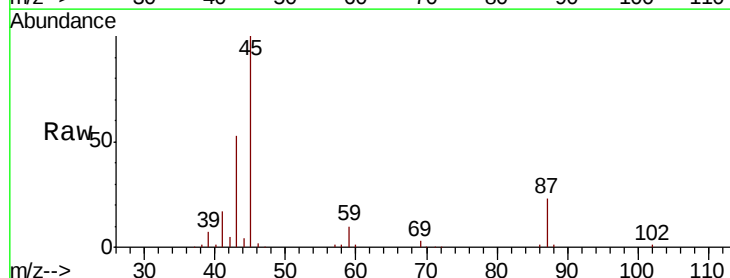
Ion Ratio Lower Upper

45 100

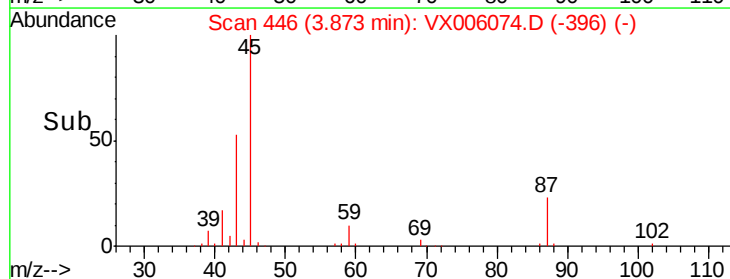
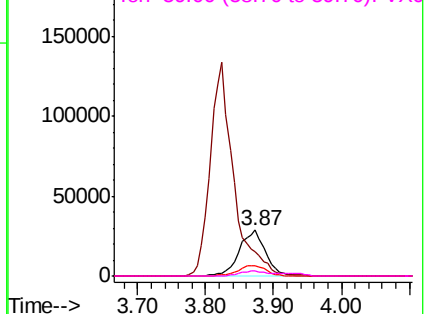
43 52.2 47.4 71.2

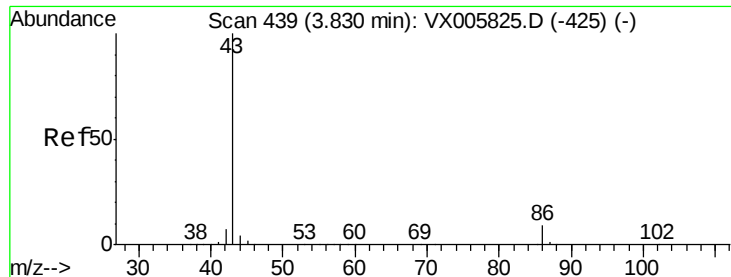
87 23.0 15.9 23.9

59 9.9 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: 101.999 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

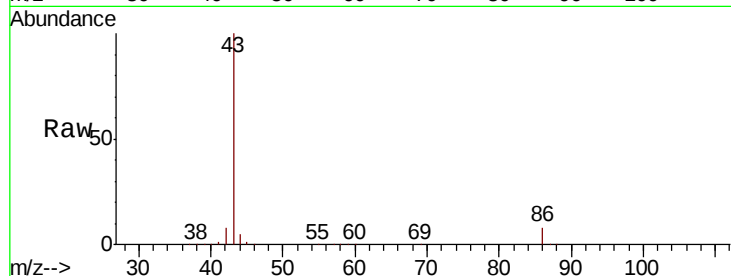
VX1117MBS01

Tot Ion: 43 Resp: 321880

Ion Ratio Lower Upper

43 100

86 8.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)

3.82

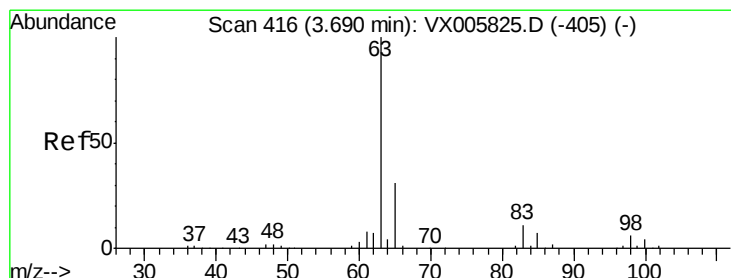
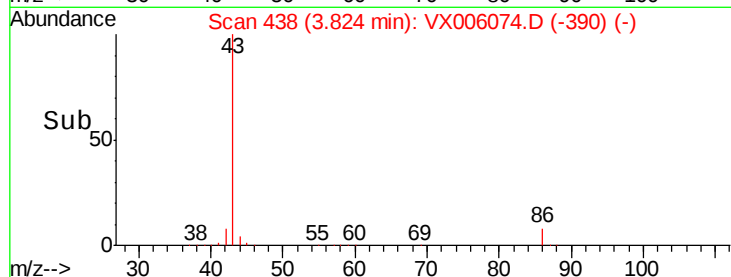
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.540 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

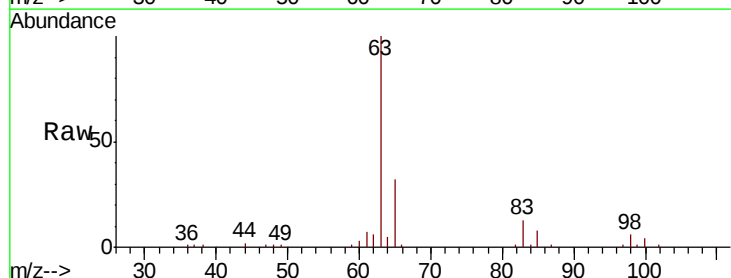
Tgt Ion: 63 Resp: 40332

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)

3.70

25000

20000

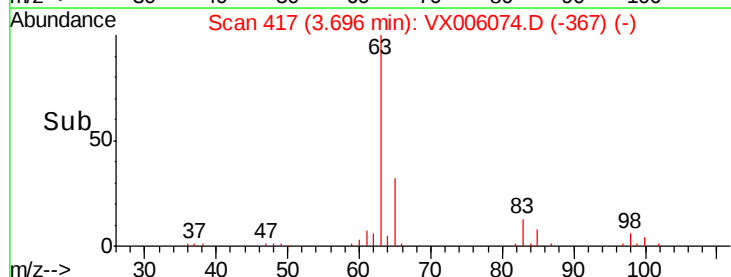
15000

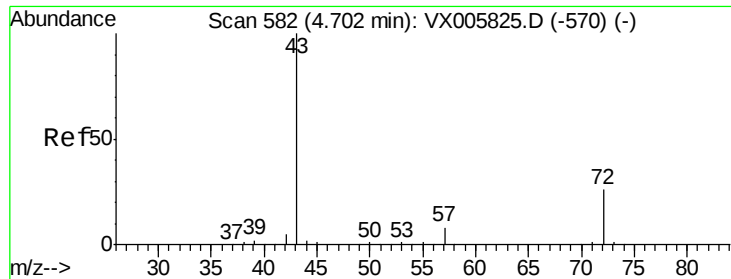
10000

5000

0

Time-->





#25

2-Butanone

Concen: 99.448 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

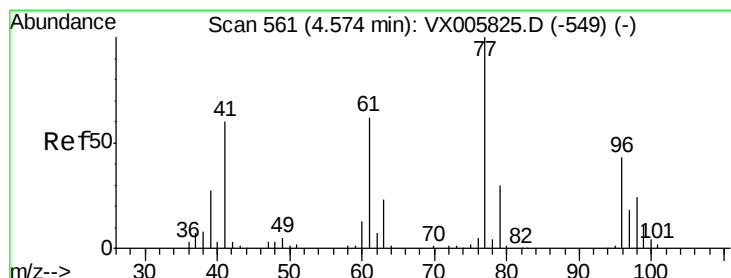
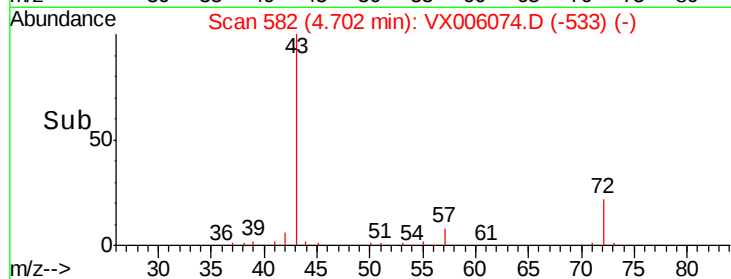
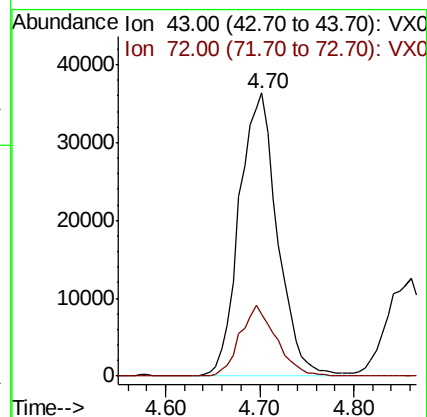
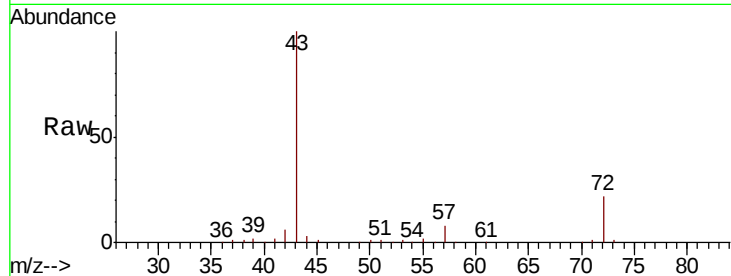
VX1117MBS01

Tot Ion: 43 Resp: 103001

Ion Ratio Lower Upper

43 100

72 21.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.684 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006074.D

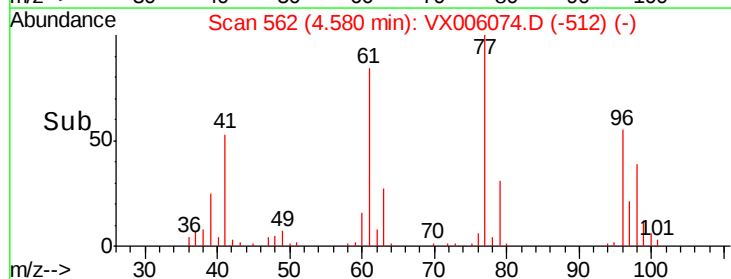
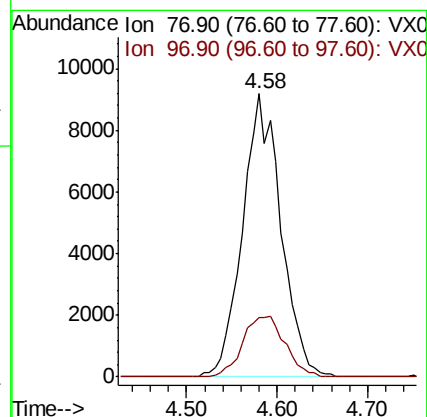
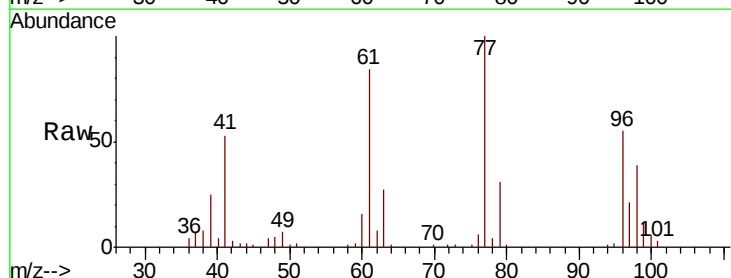
Acq: 17 Nov 2018 17:45

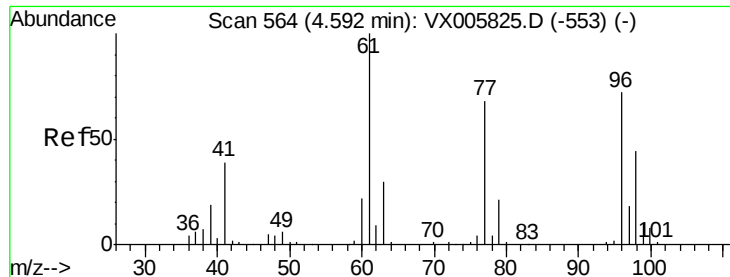
Tgt Ion: 77 Resp: 26913

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



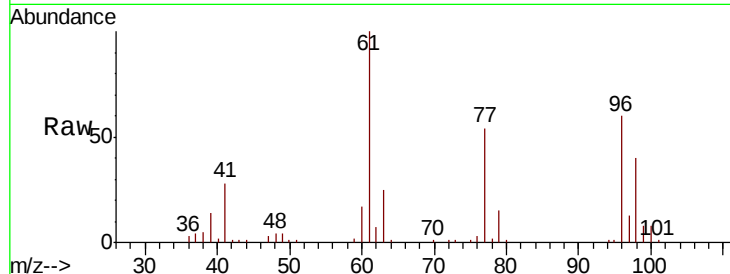


#27

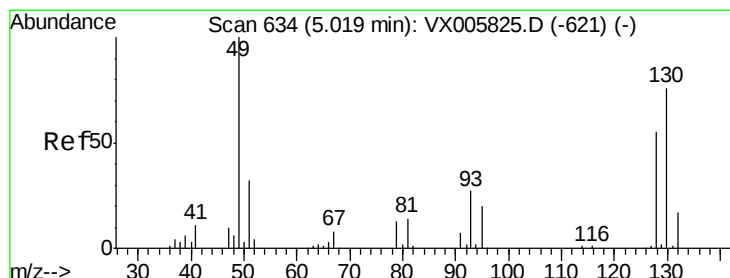
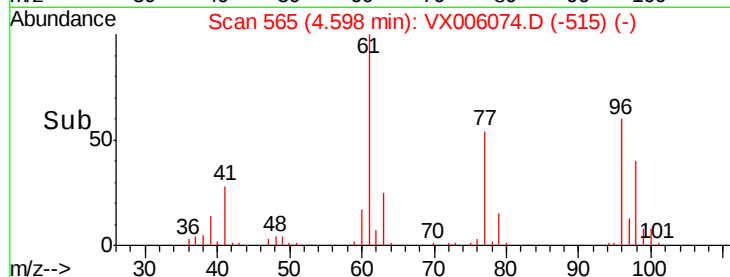
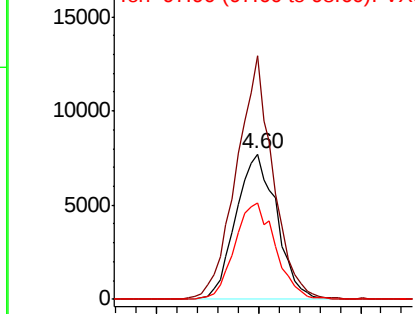
cis-1,2-Dichloroethene
 Concen: 19.571 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tot Ion: 96 Resp: 21442
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 304.6
 98 65.9 0.0 127.4



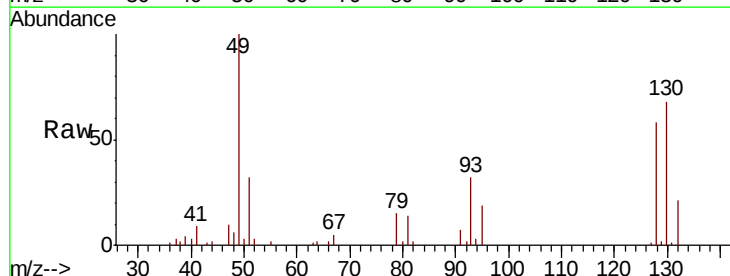
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



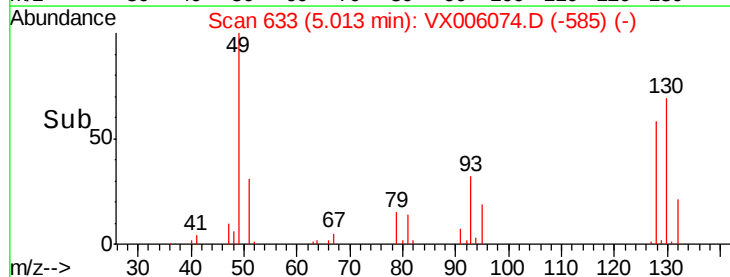
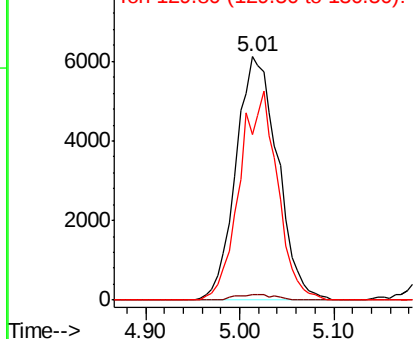
#28

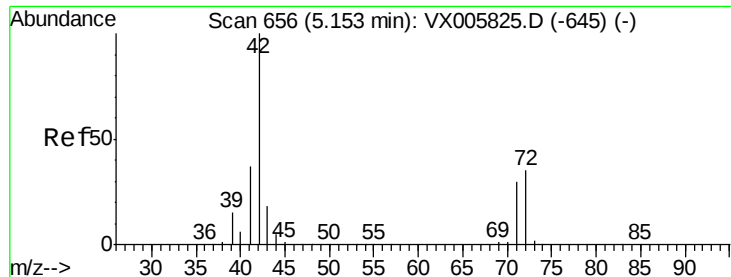
Bromochloromethane
 Concen: 21.582 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 49 Resp: 18940
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 77.5 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

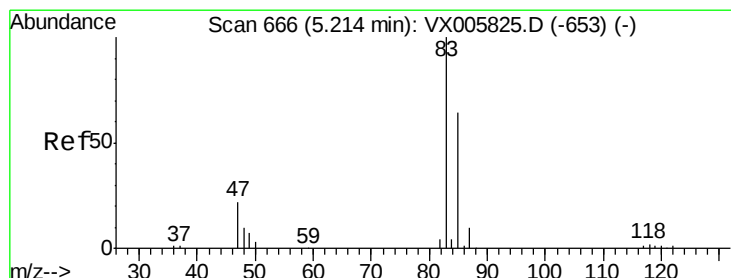
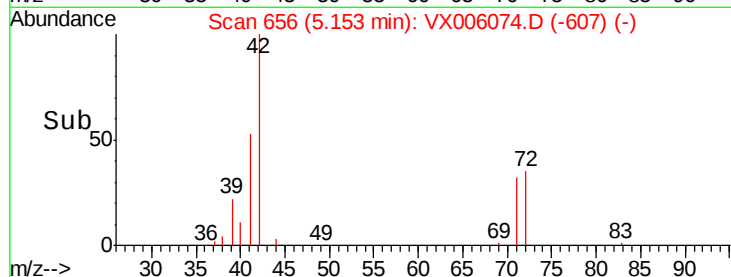
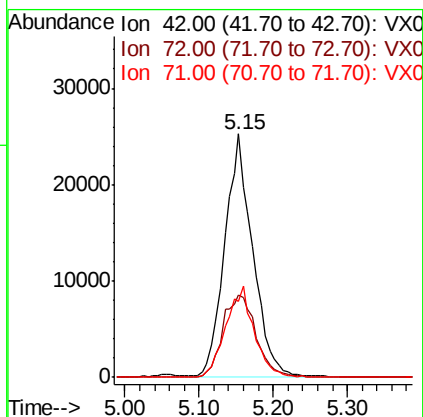
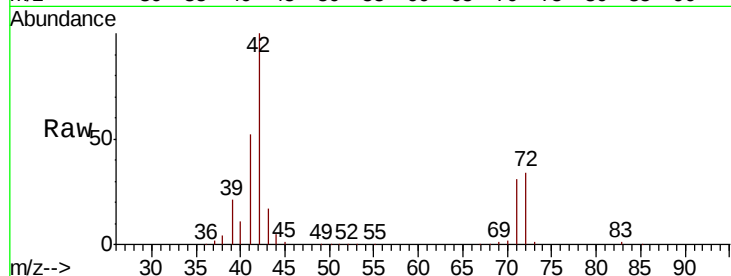




#29
Tetrahydrofuran
Concen: 99.658 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

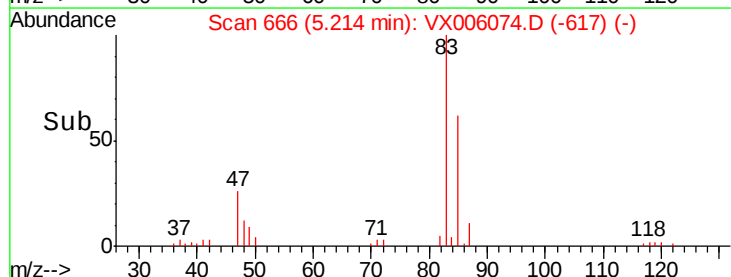
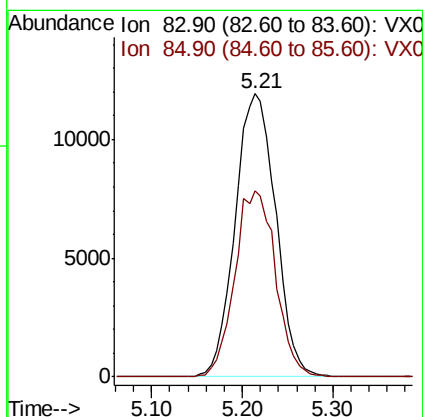
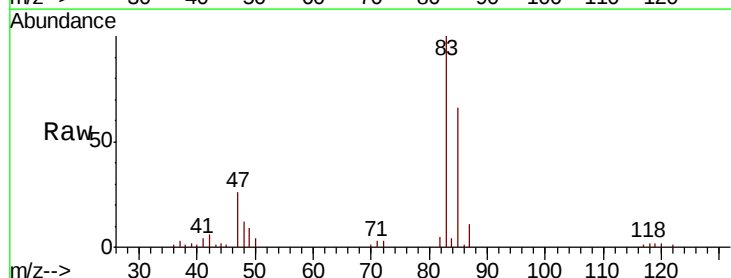
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

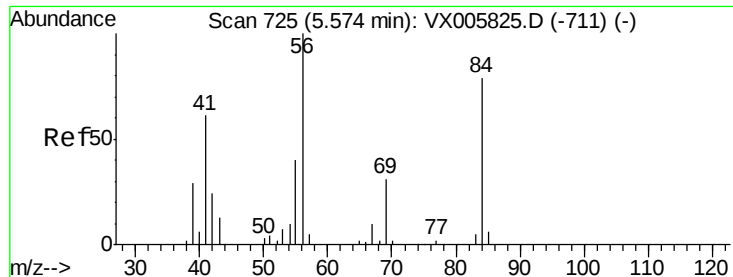
Tot Ion: 42 Resp: 66274
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 38.0 29.8 44.8



#30
Chloroform
Concen: 19.484 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 83 Resp: 36912
Ion Ratio Lower Upper
83 100
85 65.9 50.6 76.0

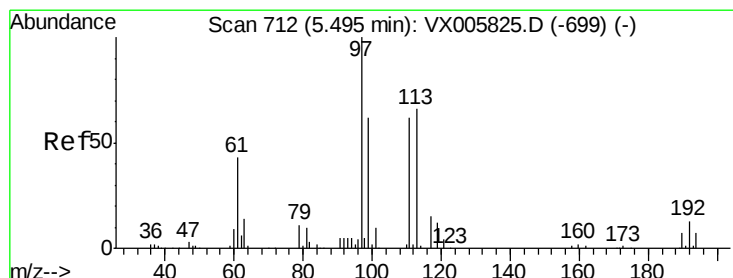
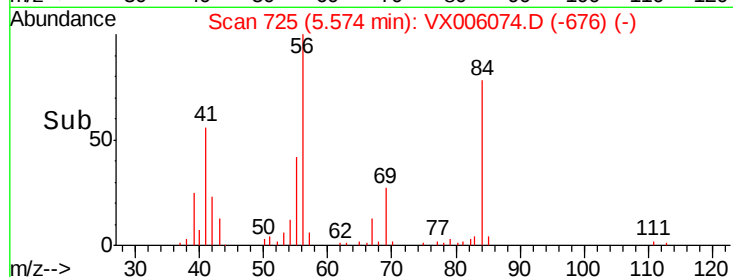
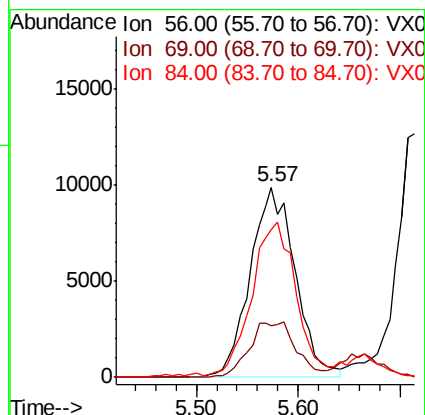
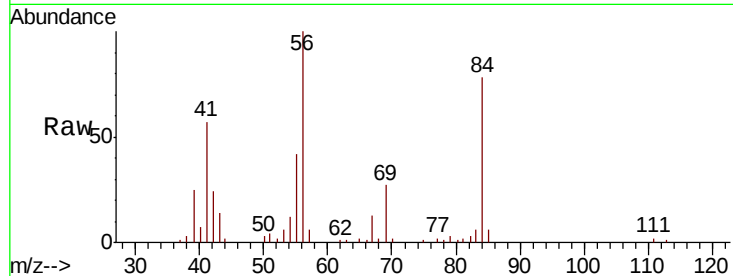




#31
Cyclohexane
Concen: 17.768 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

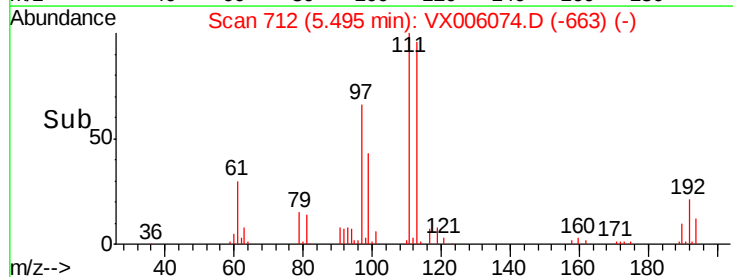
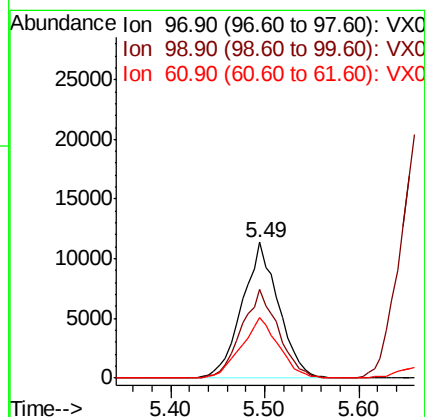
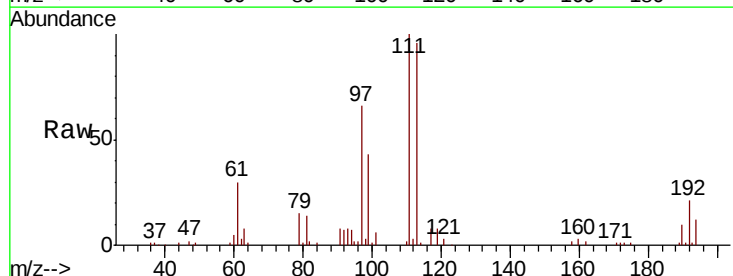
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion: 56 Resp: 30286
Ion Ratio Lower Upper
56 100
69 27.3 22.6 34.0
84 76.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 19.489 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 97 Resp: 30796
Ion Ratio Lower Upper
97 100
99 65.9 52.3 78.5
61 45.6 35.2 52.8

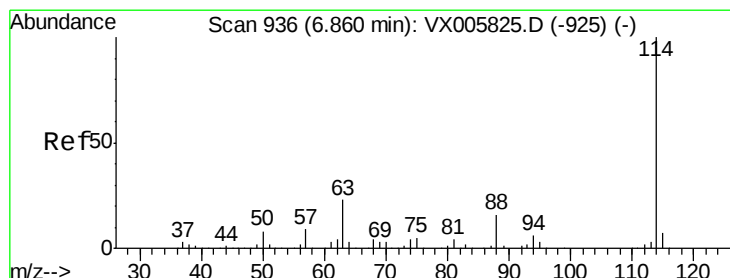
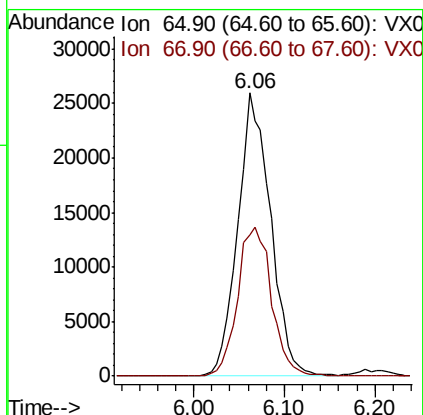
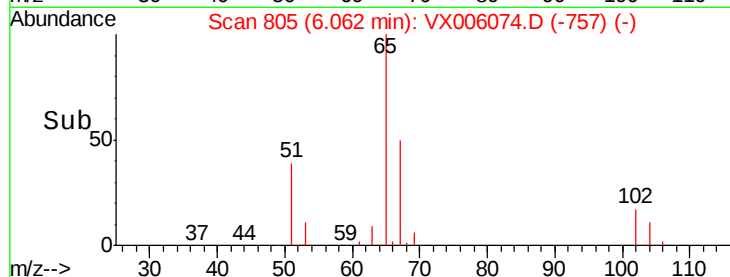
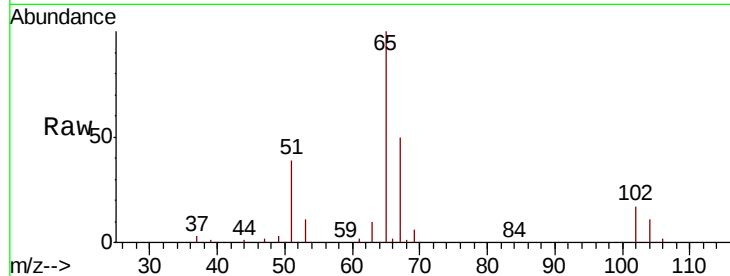




#33
 1,2-Dichloroethane-d4
 Concen: 53.160 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

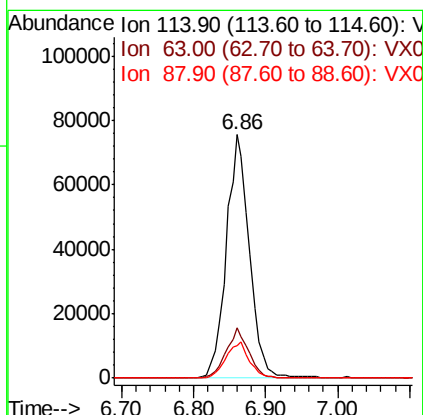
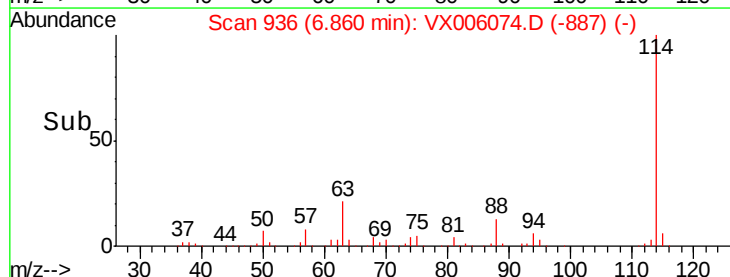
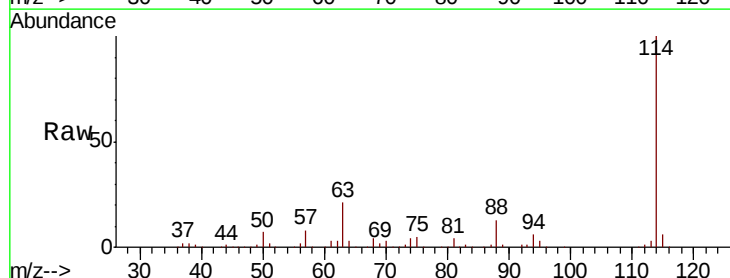
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

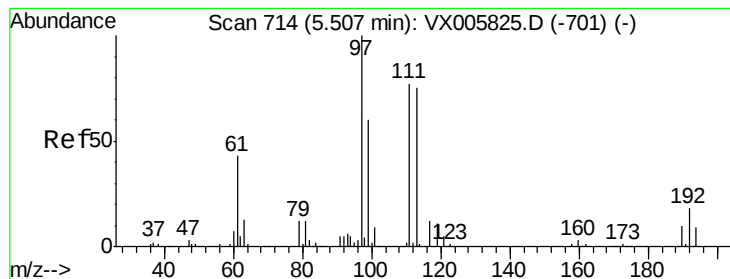
Tot Ion: 65 Resp: 65044
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion:114 Resp: 168357
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 13.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.756 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

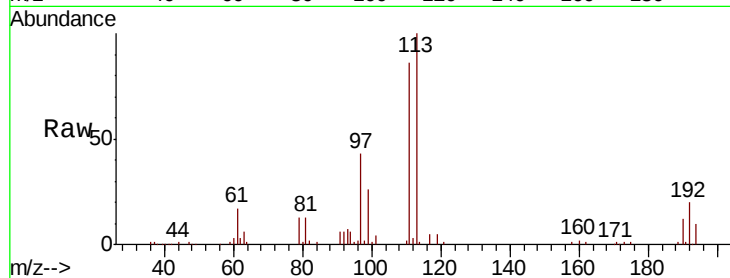
Tot Ion:113 Resp: 51249

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

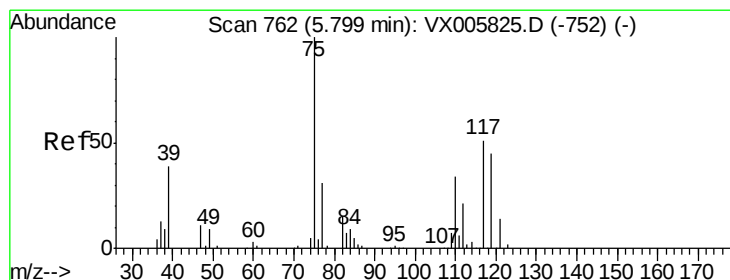
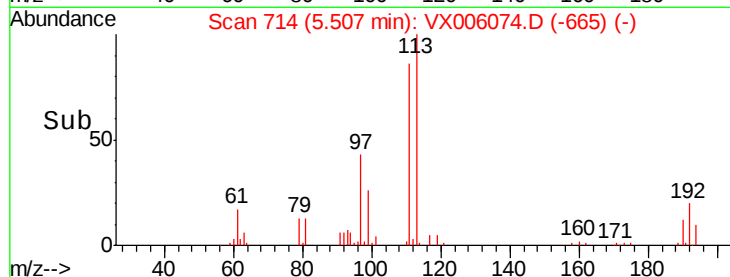
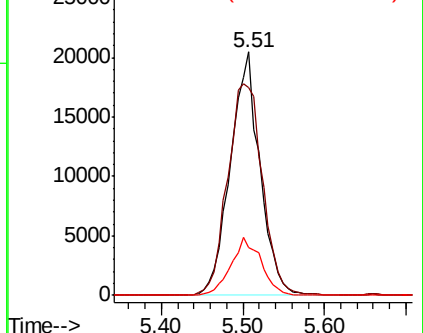
192 24.1 17.9 26.9



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: 15.881 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

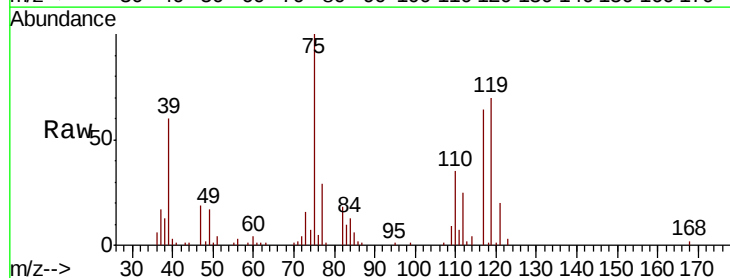
Tgt Ion: 75 Resp: 25775

Ion Ratio Lower Upper

75 100

110 37.4 17.4 52.2

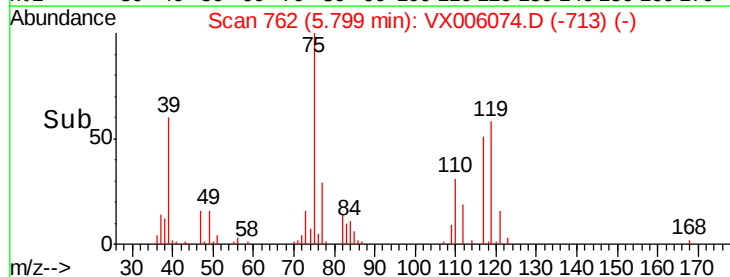
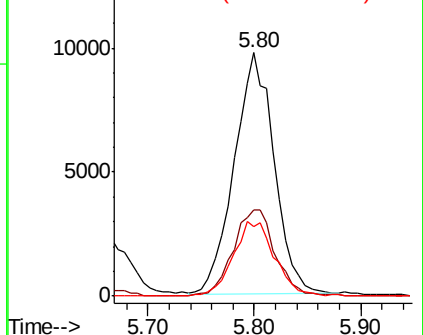
77 31.8 25.8 38.6

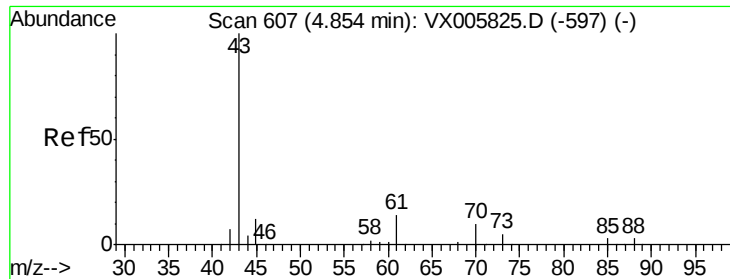


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

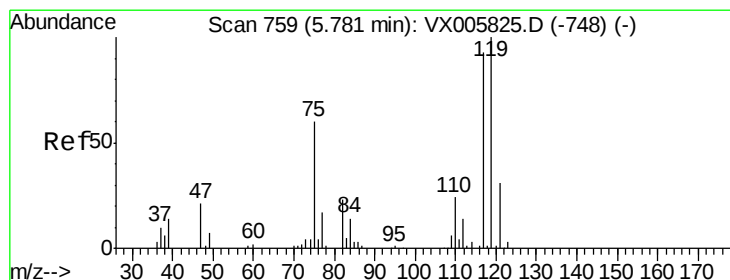
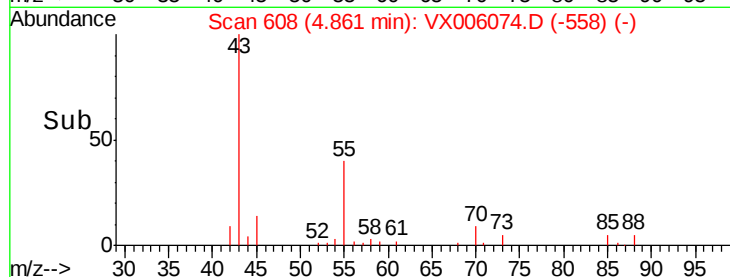
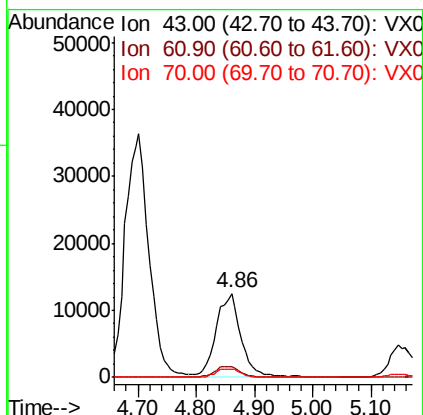
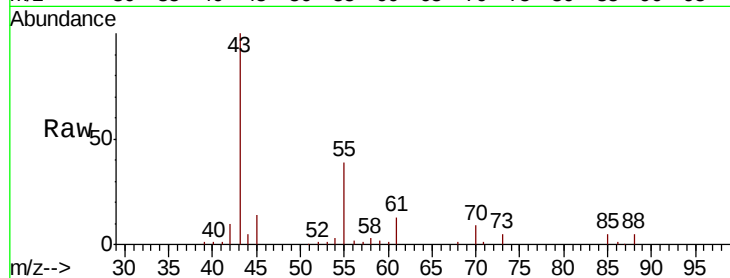




#37
Ethyl Acetate
Concen: 17.368 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

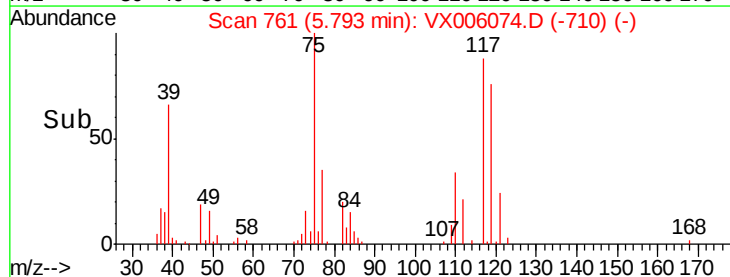
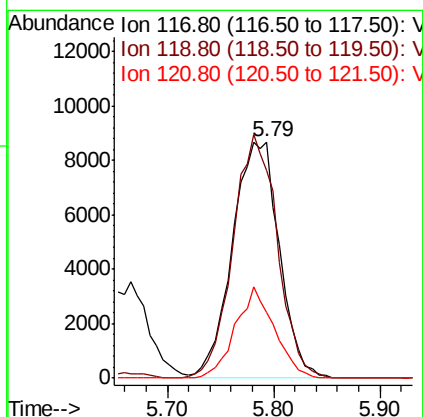
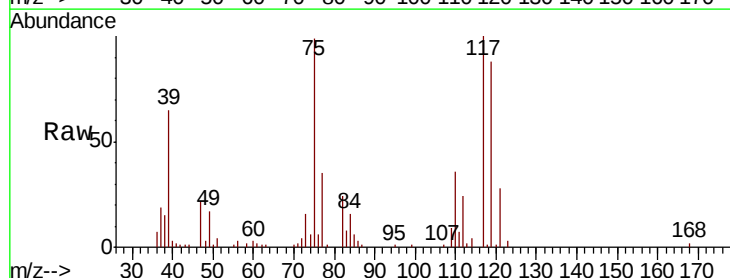
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

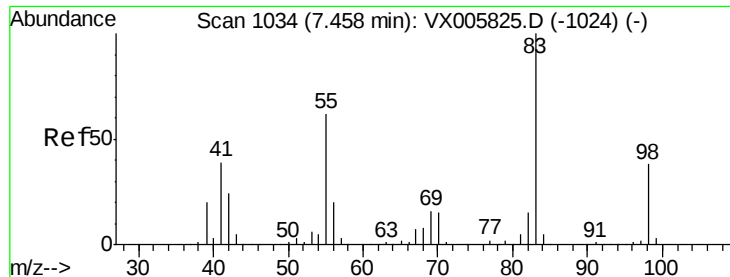
Tot Ion: 43 Resp: 37069
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 16.569 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 117 Resp: 26921
Ion Ratio Lower Upper
117 100
119 88.1 78.1 117.1
121 27.7 24.6 36.8

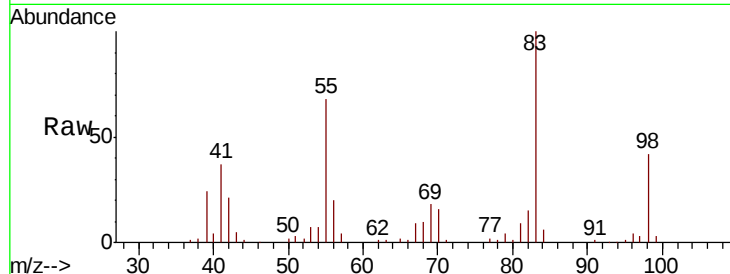




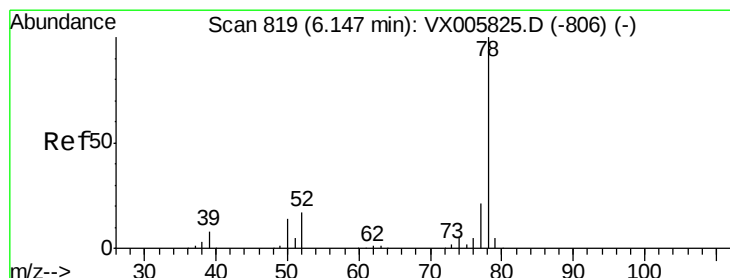
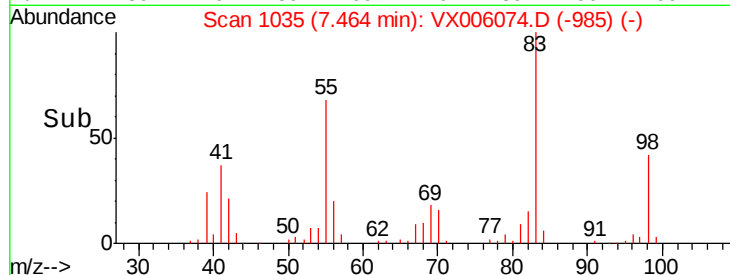
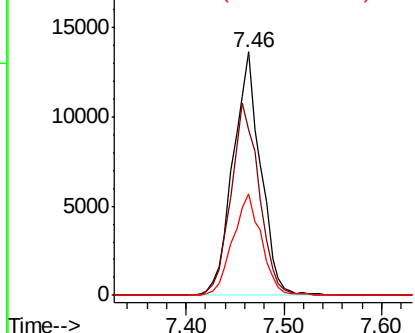
#39
Methvlcvclohexane
Concen: 16.208 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion: 83 Resp: 26661
Ion Ratio Lower Upper
83 100
55 68.2 63.7 95.5
98 41.8 36.2 54.2

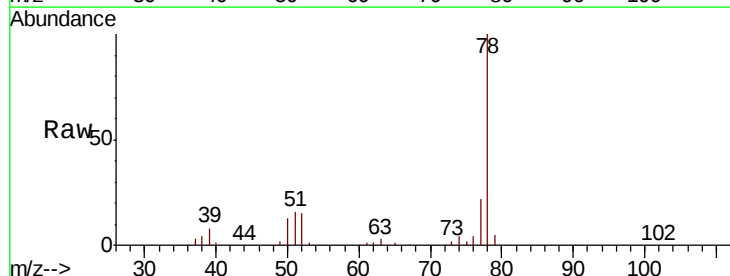


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

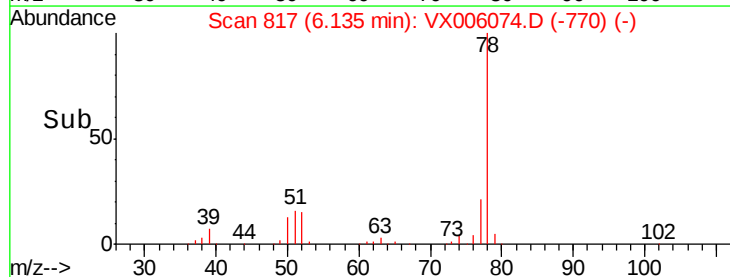
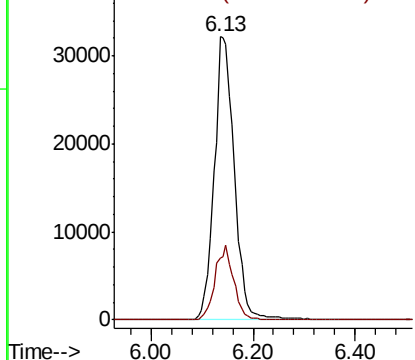


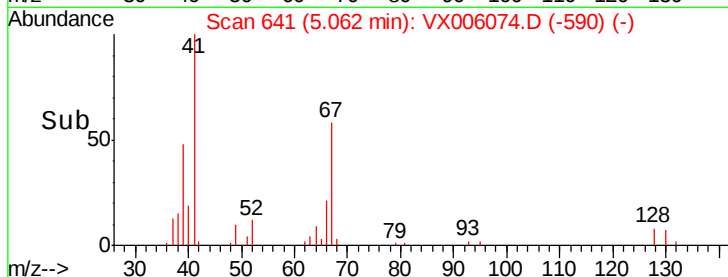
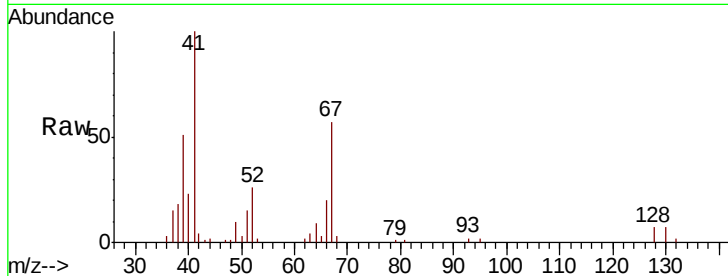
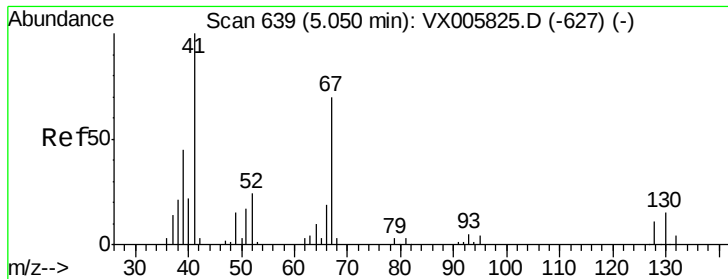
#40
Benzene
Concen: 18.609 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 78 Resp: 88045
Ion Ratio Lower Upper
78 100
77 21.9 18.4 27.6



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

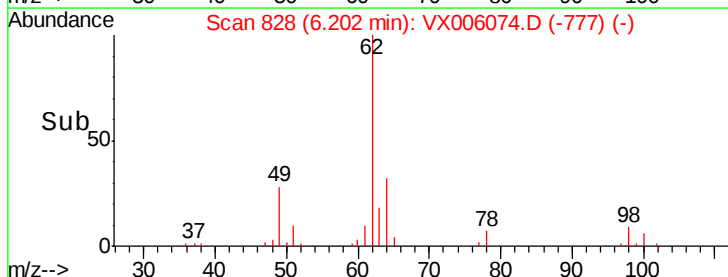
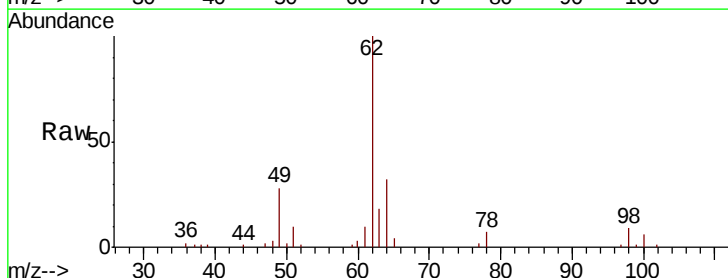
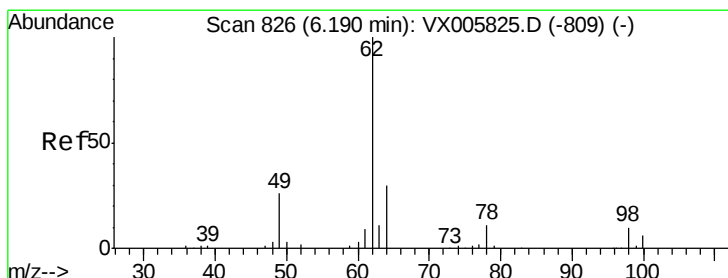
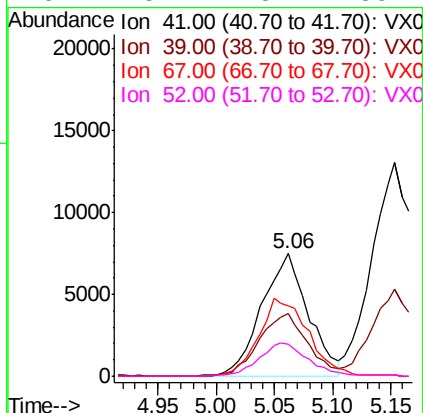




#41
Methacrylonitrile
Concen: 18.044 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

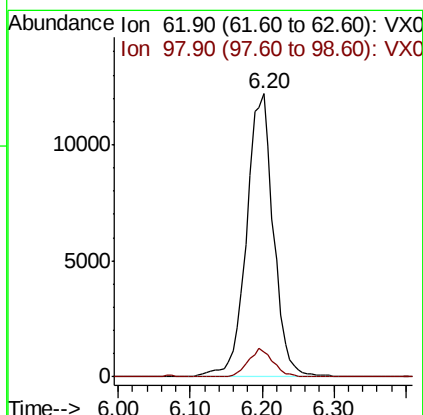
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

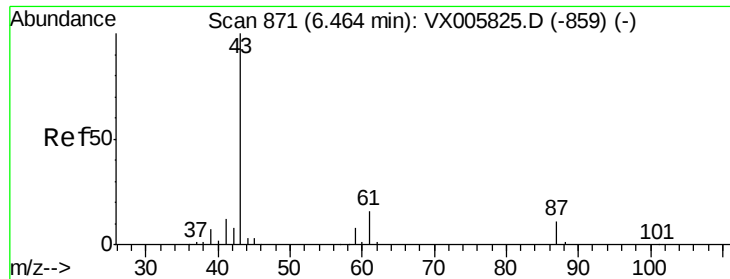
Tot Ion:	41	Resp:	20809
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.2	63.2
67	67.7	53.4	80.0
52	28.7	23.4	35.2



#42
1,2-Dichloroethane
Concen: 18.676 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:	62	Resp:	31649
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



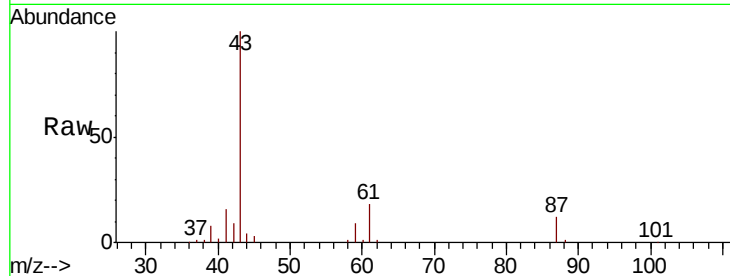


#43

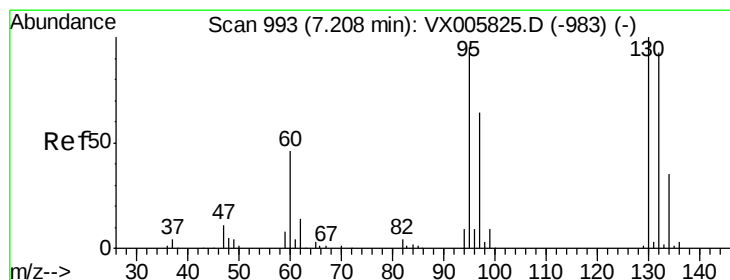
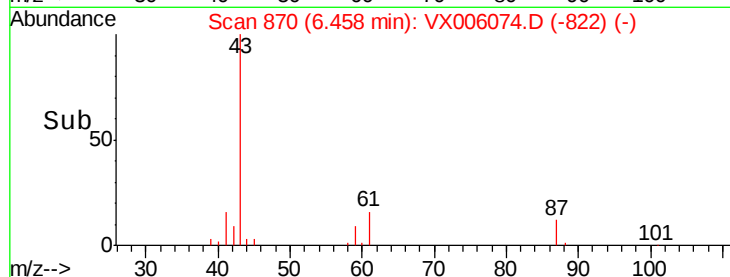
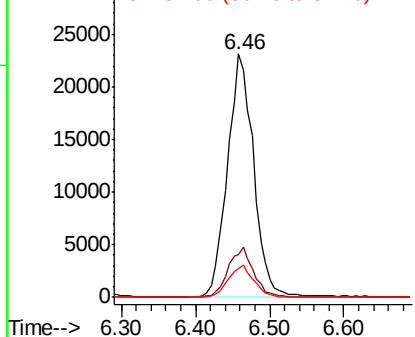
Isopropyl Acetate
 Concen: 18.509 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tot Ion: 43 Resp: 57240
 Ion Ratio Lower Upper
 43 100
 61 19.6 14.6 22.0
 87 12.7 9.6 14.4



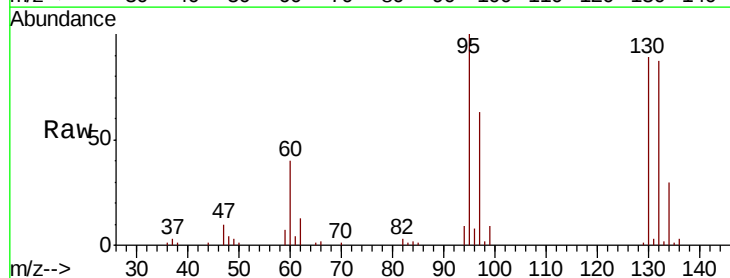
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



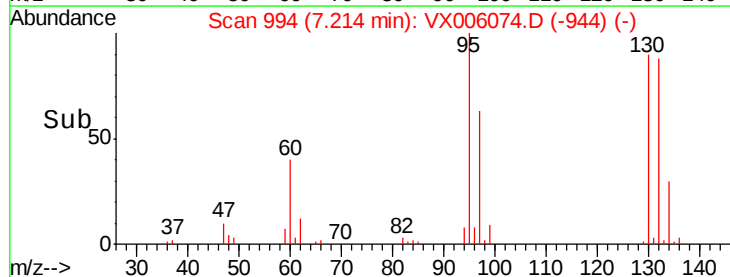
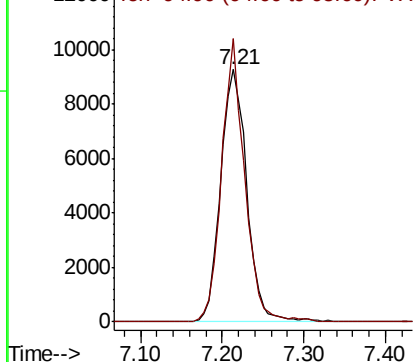
#44

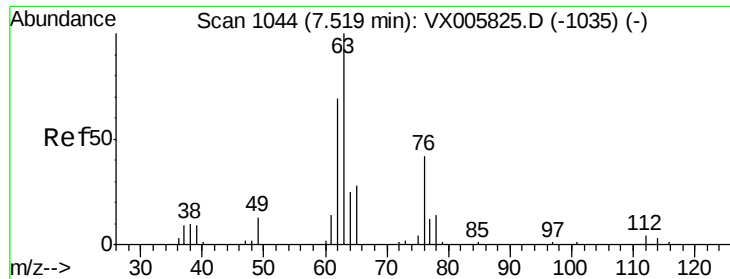
Trichloroethene
 Concen: 17.165 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 130 Resp: 20625
 Ion Ratio Lower Upper
 130 100
 95 112.2 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 12000 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.309 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

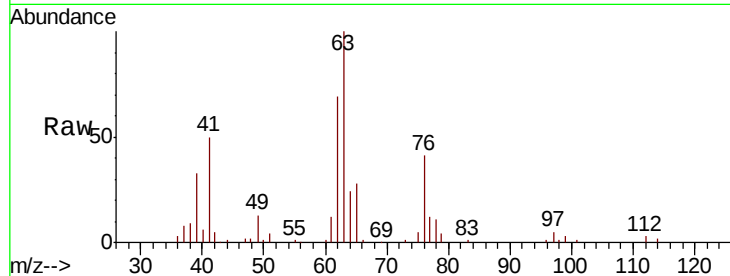
VX1117MBS01

Tot Ion: 63 Resp: 22174

Ion Ratio Lower Upper

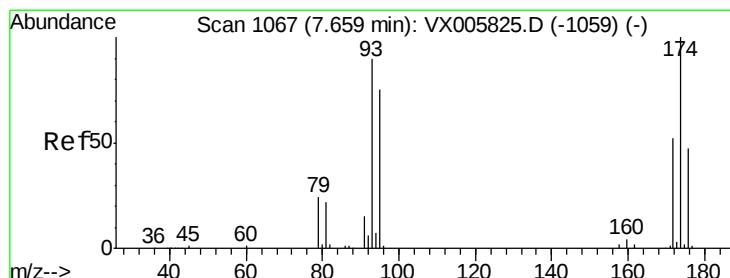
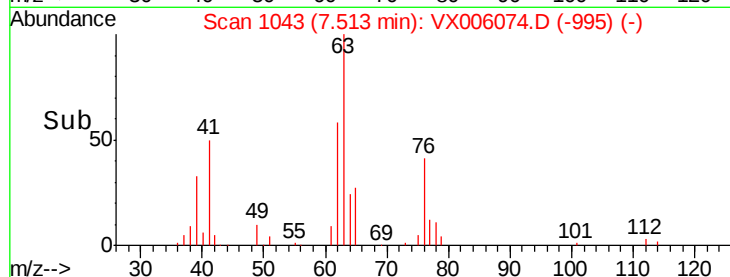
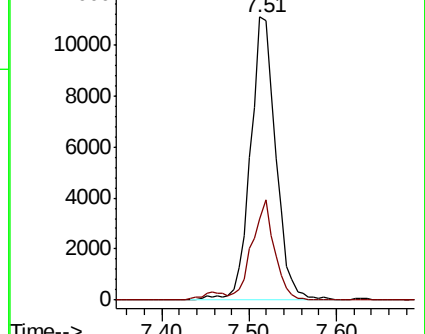
63 100

65 28.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.902 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

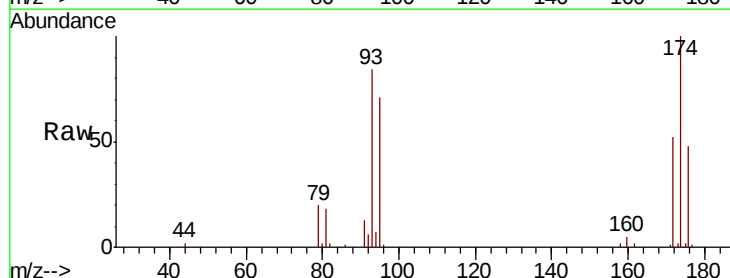
Tgt Ion: 93 Resp: 13621

Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

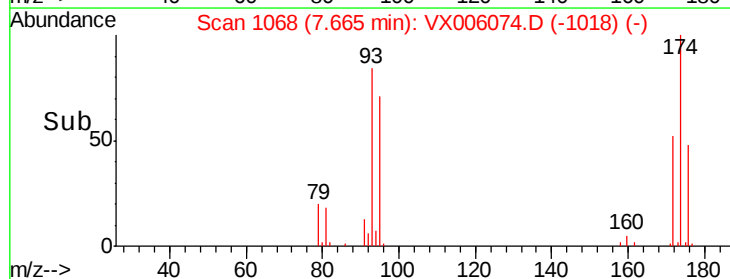
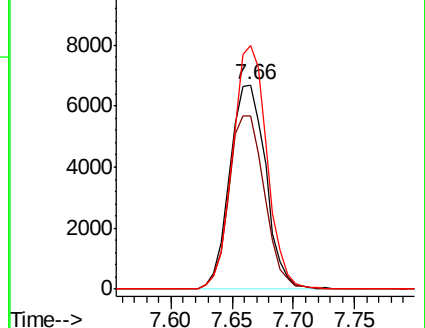
174 113.8 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.362 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

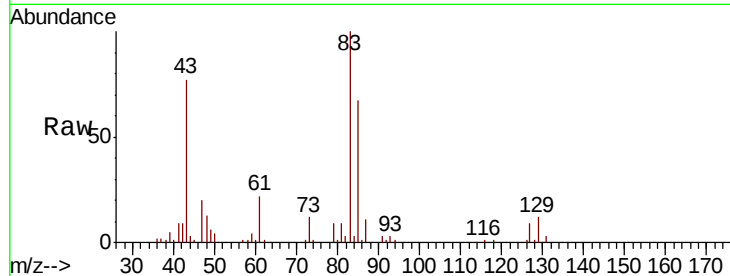
Tot Ion: 83 Resp: 25007

Ion Ratio Lower Upper

83 100

85 66.8 50.2 75.4

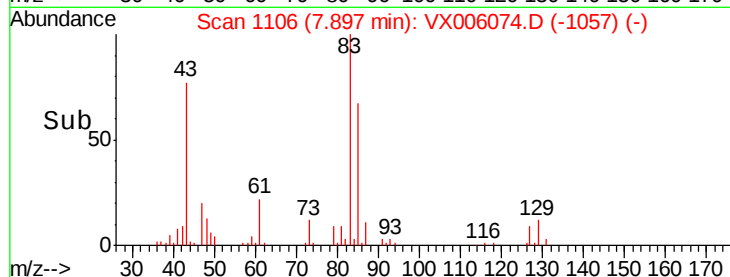
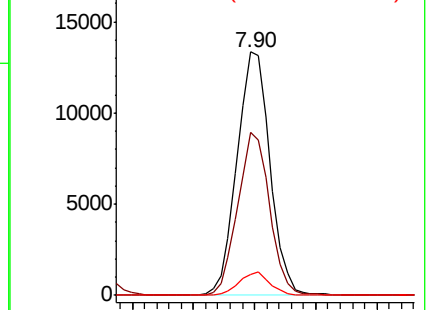
127 8.8 6.9 10.3



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: 18.314 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

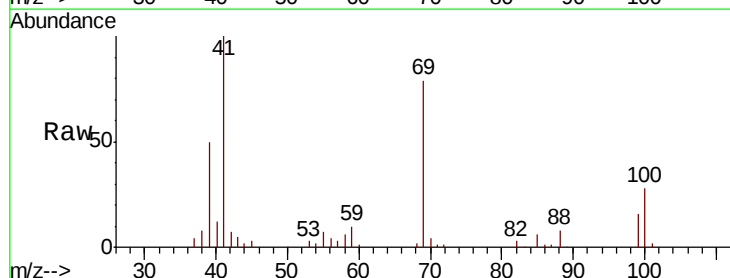
Tgt Ion: 41 Resp: 25432

Ion Ratio Lower Upper

41 100

69 79.5 63.2 94.8

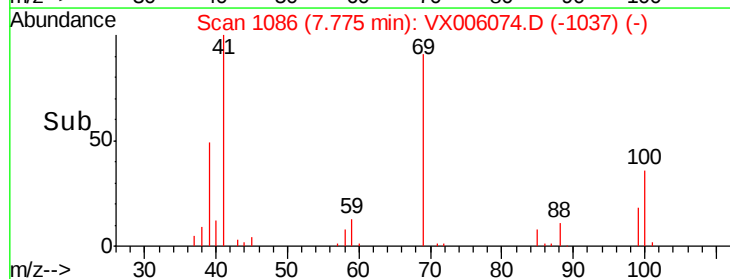
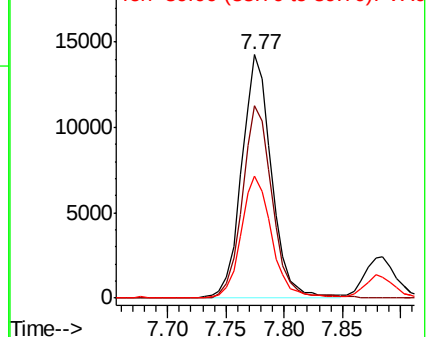
39 51.4 42.2 63.2

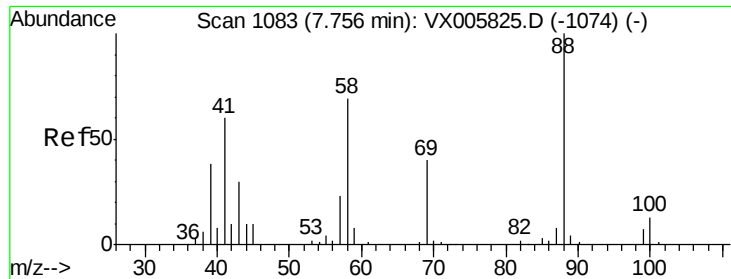


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

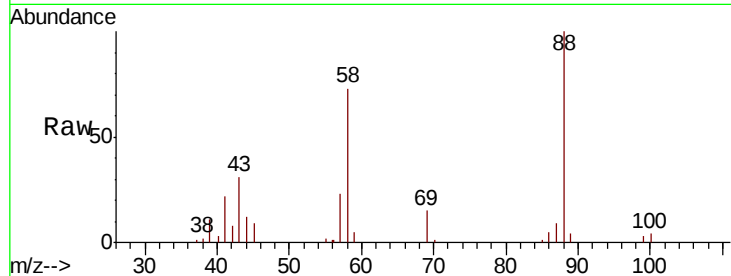




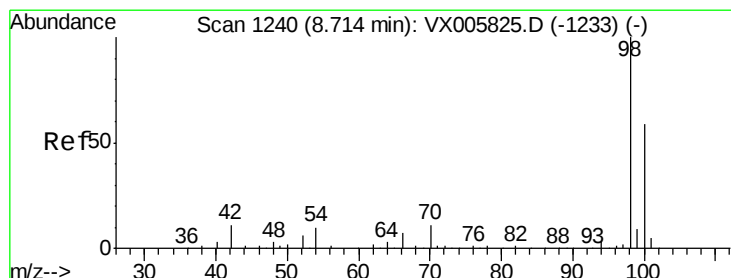
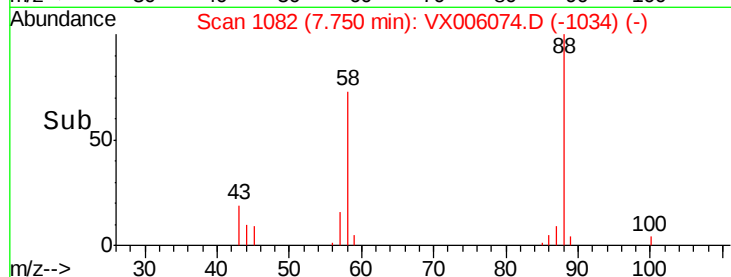
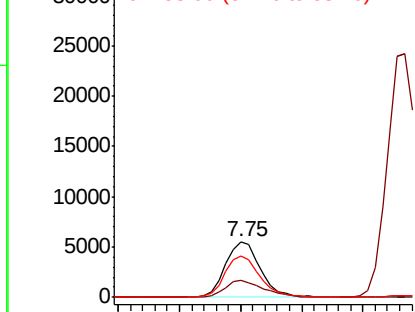
#49
1,4-Dioxane
Concen: 362.061 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion: 88 Resp: 10834
Ion Ratio Lower Upper
88 100
43 35.3 27.4 41.0
58 75.6 59.4 89.2

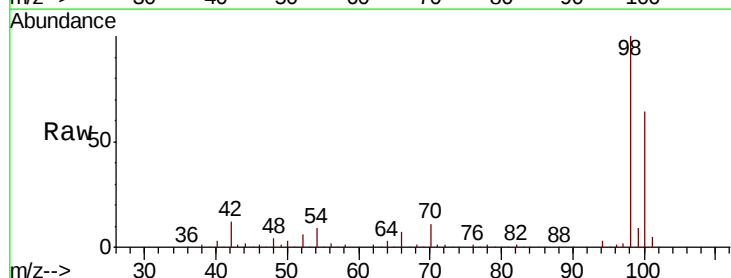


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

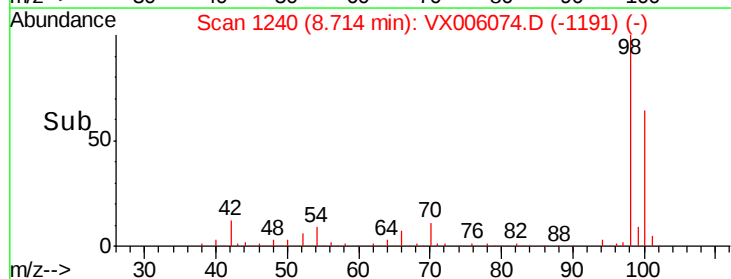
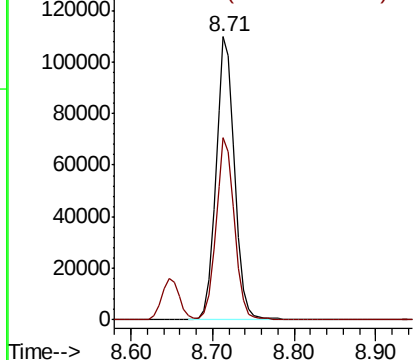


#50
Toluene-d8
Concen: 46.119 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 98 Resp: 175569
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



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

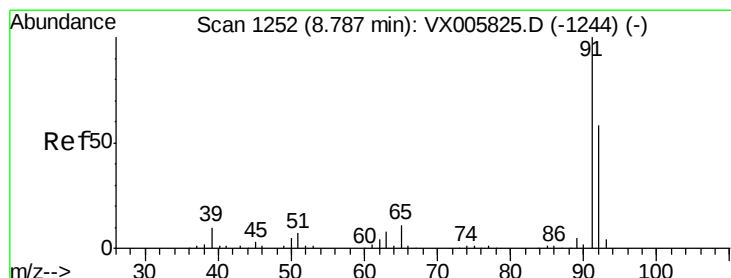
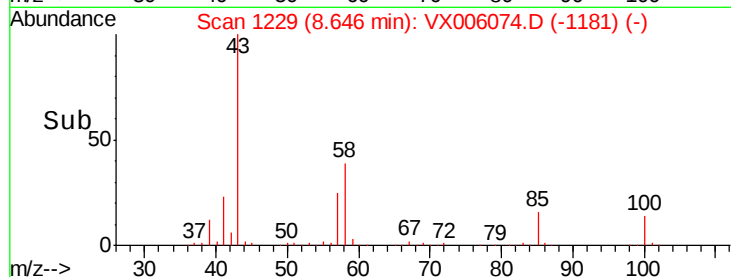
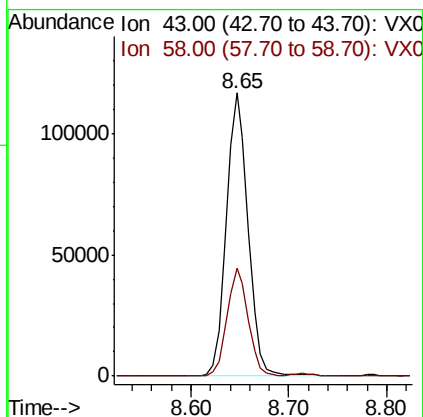
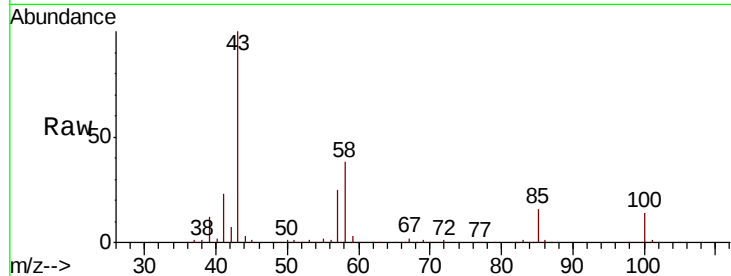




#51
4-Methyl-2-Pentanone
Concen: 91.937 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

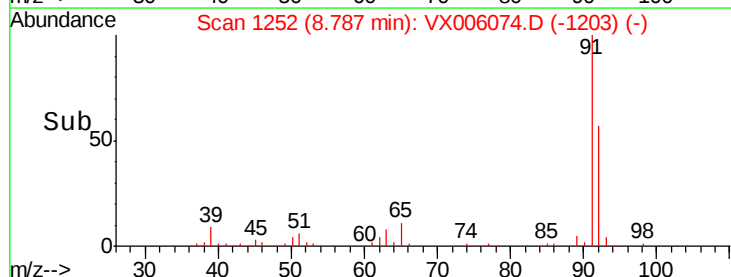
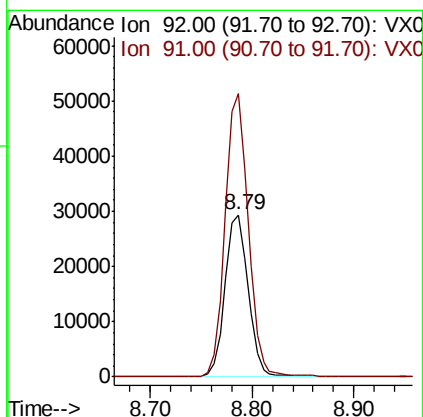
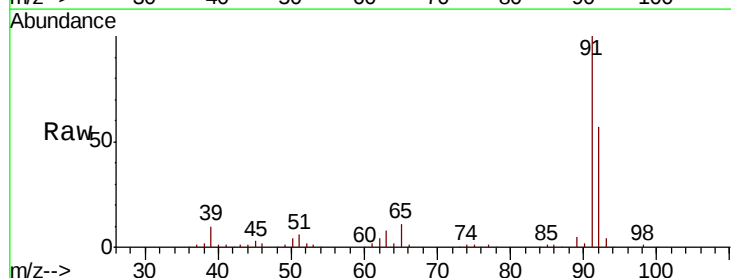
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

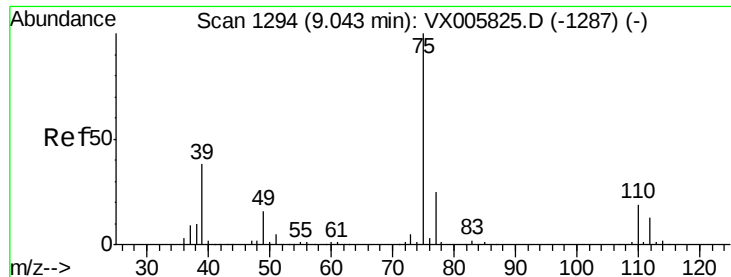
Tot Ion: 43 Resp: 179193
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5



#52
Toluene
Concen: 17.520 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 92 Resp: 46329
Ion Ratio Lower Upper
92 100
91 174.4 140.4 210.6

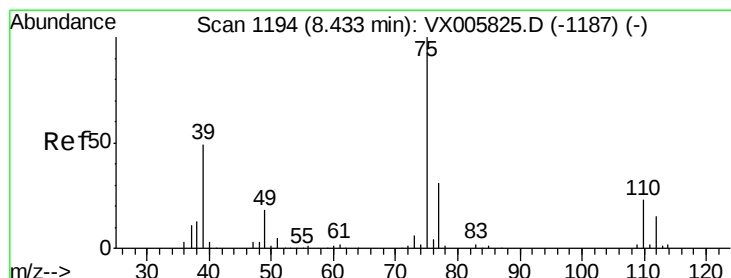
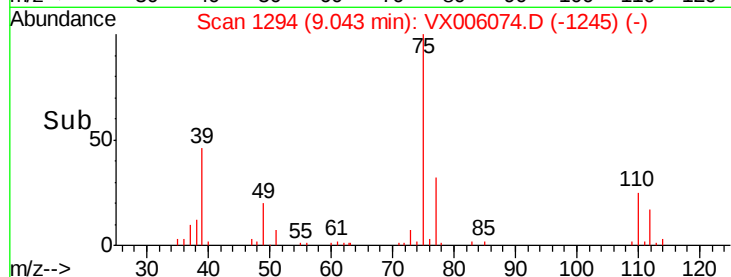
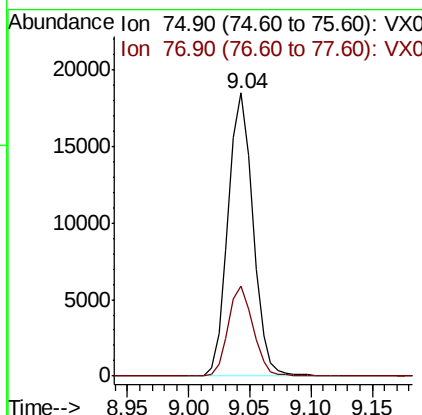
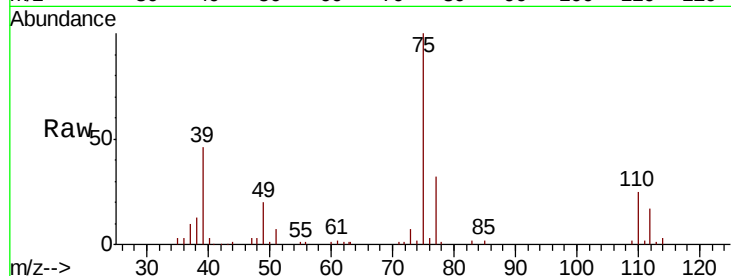




#53
t-1,3-Dichloropropene
Concen: 16.275 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

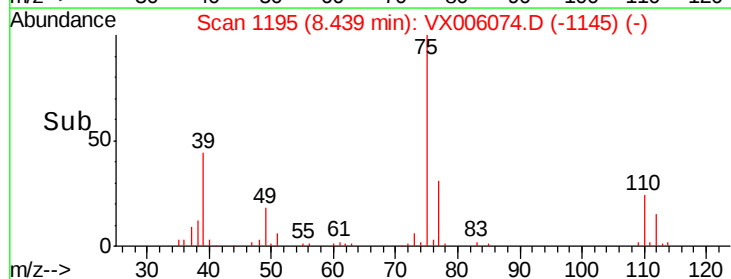
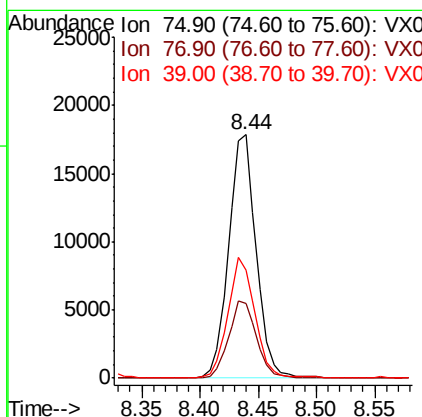
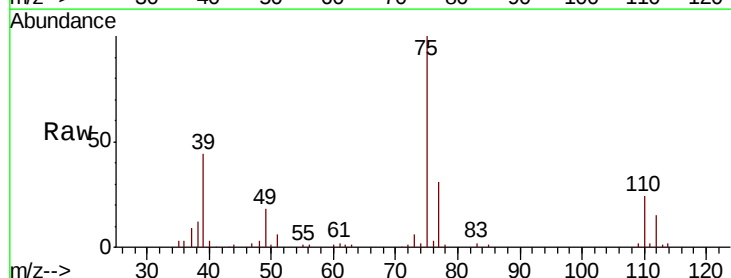
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion: 75 Resp: 26157
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.878 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 75 Resp: 29286
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 44.3 38.2 57.2

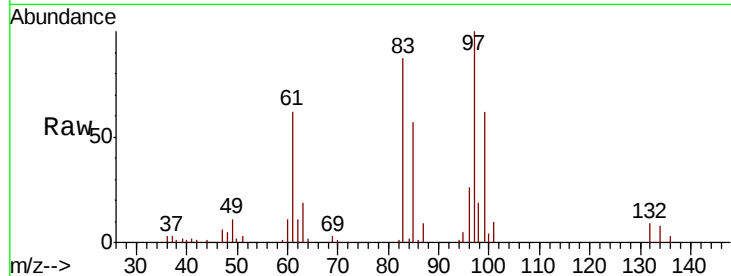




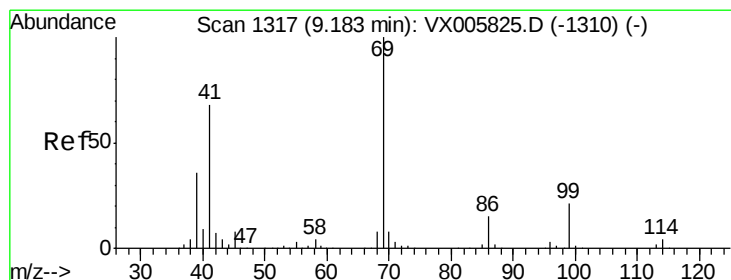
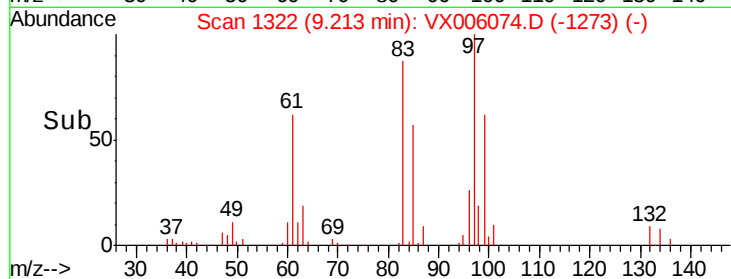
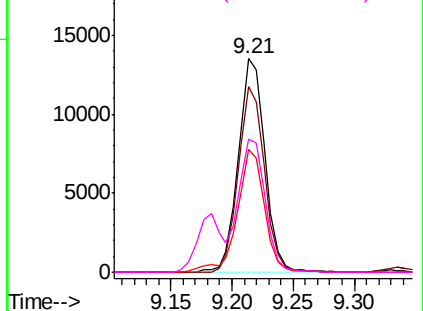
#55
 1,1,2-Trichloroethane
 Concen: 17.228 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tot Ion: 97 Resp: 20304
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.7 106.1
 85 57.4 45.8 68.6
 99 62.1 51.8 77.8

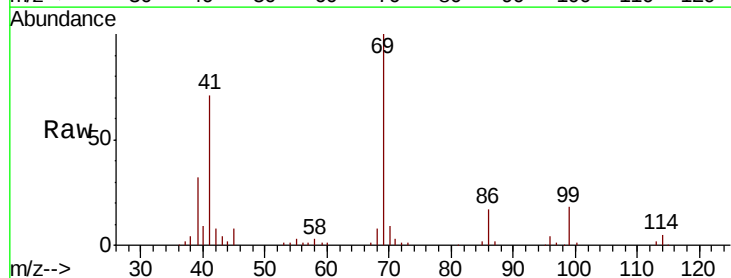


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

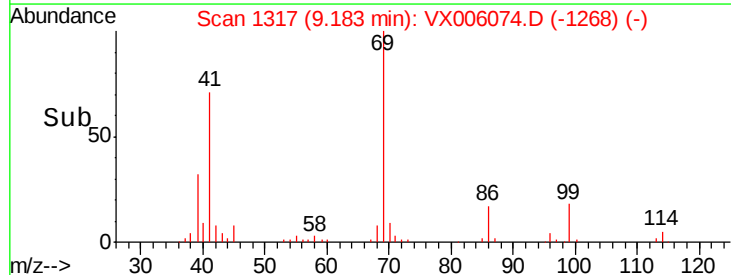
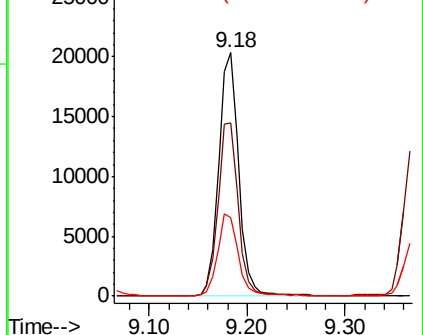


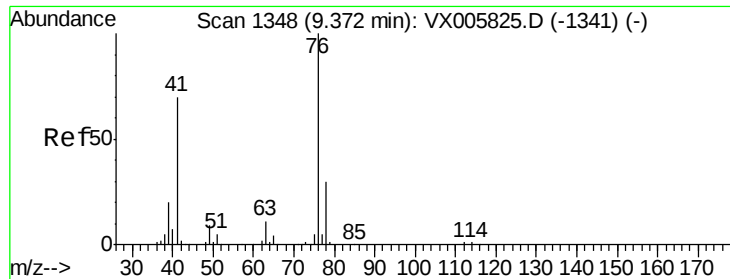
#56
 Ethyl methacrylate
 Concen: 16.302 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 69 Resp: 28746
 Ion Ratio Lower Upper
 69 100
 41 73.1 57.0 85.6
 39 35.1 28.3 42.5



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

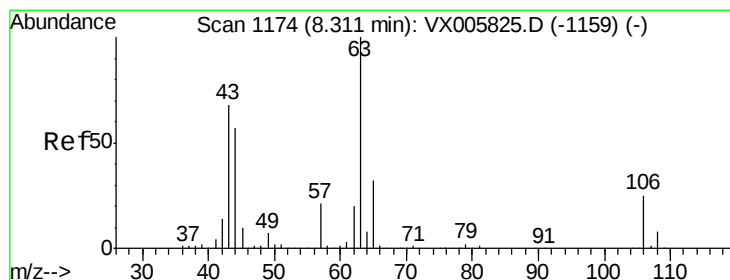
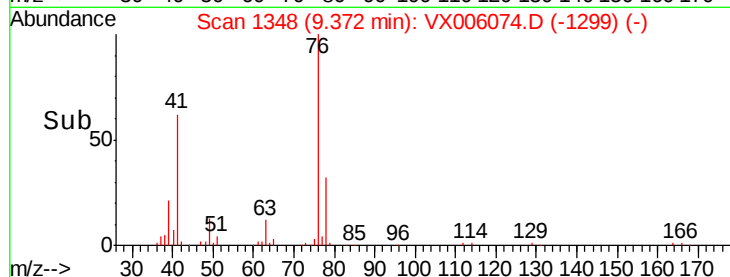
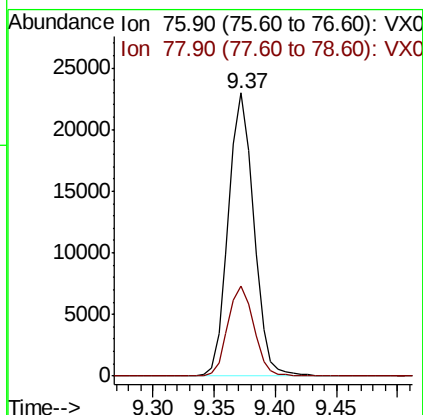
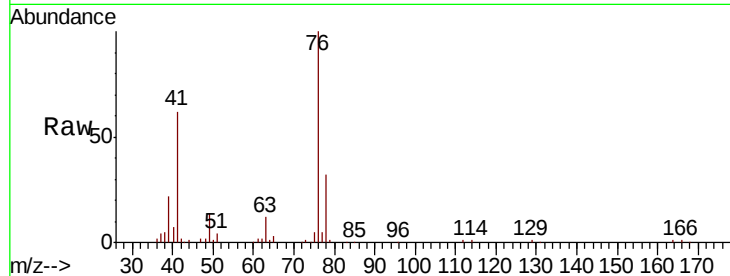




#57
 1,3-Dichloropropane
 Concen: 16.726 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

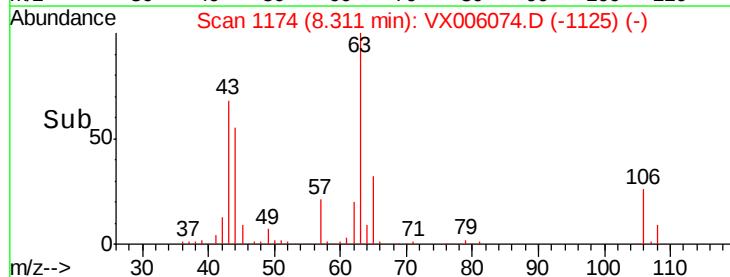
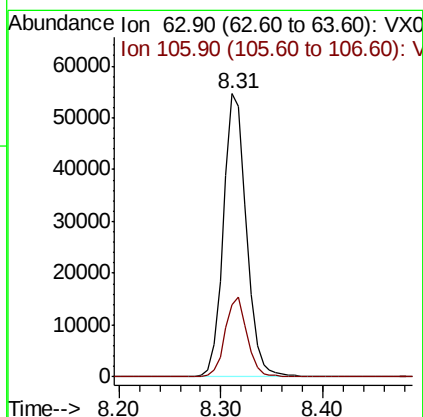
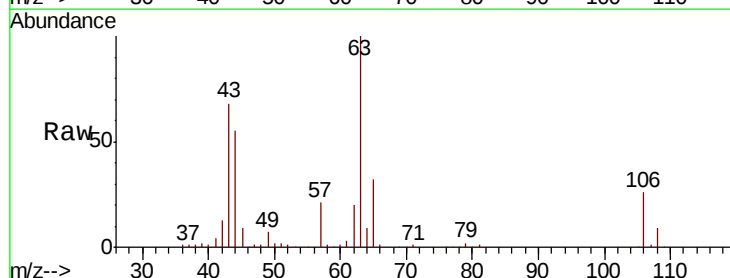
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

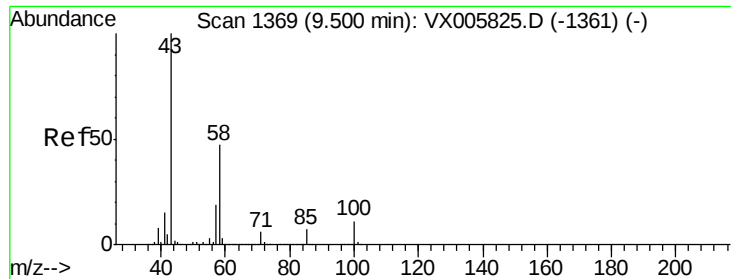
Tot Ion: 76 Resp: 33126
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.221 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 63 Resp: 85407
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.3 31.9

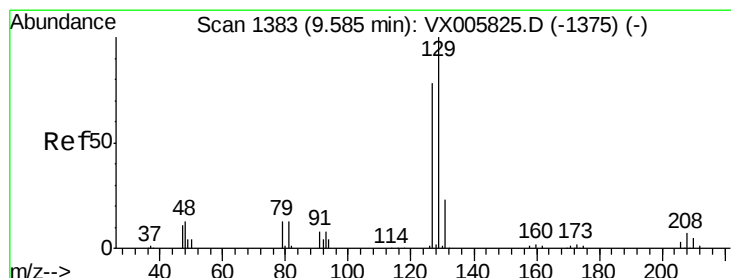
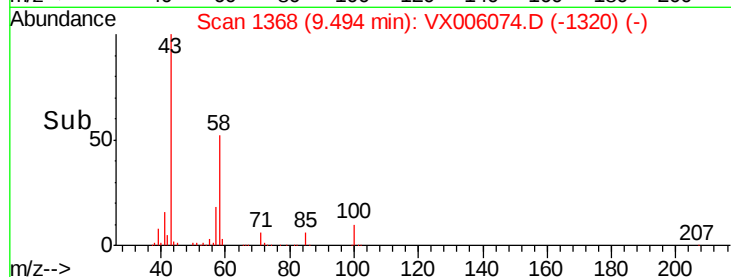
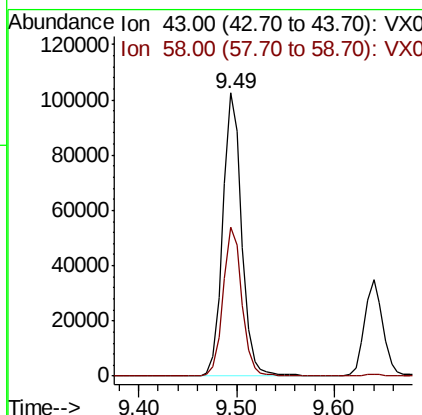
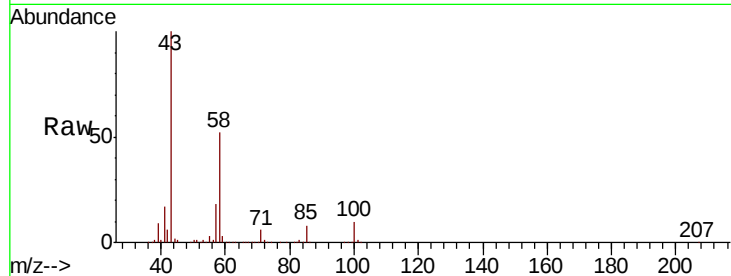




#59
2-Hexanone
Concen: 79.882 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

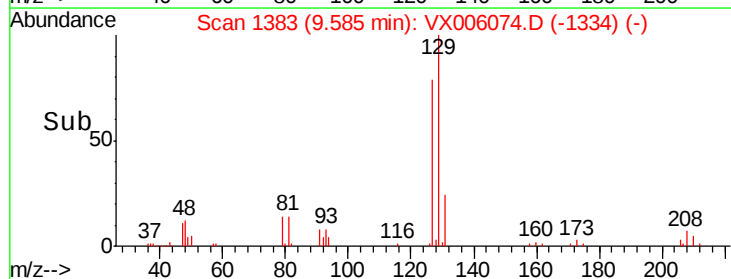
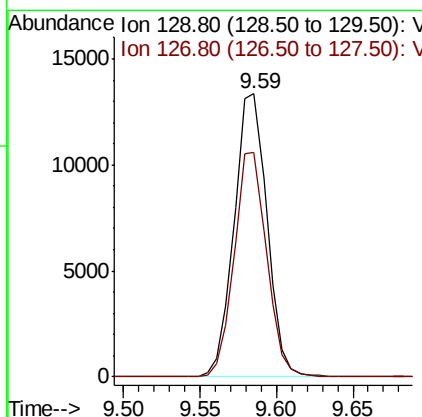
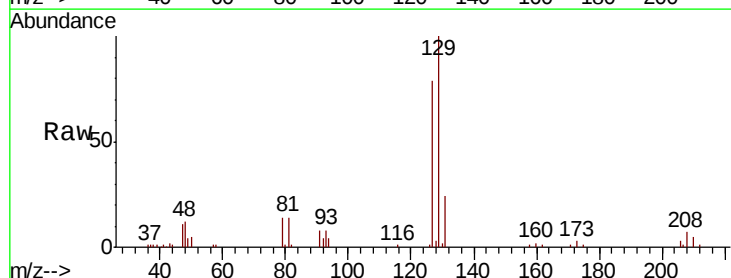
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

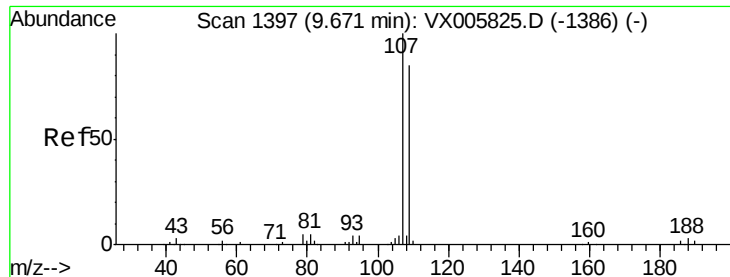
Tot Ion: 43 Resp: 137240
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8



#60
Dibromochloromethane
Concen: 15.684 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 129 Resp: 19976
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 15.809 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

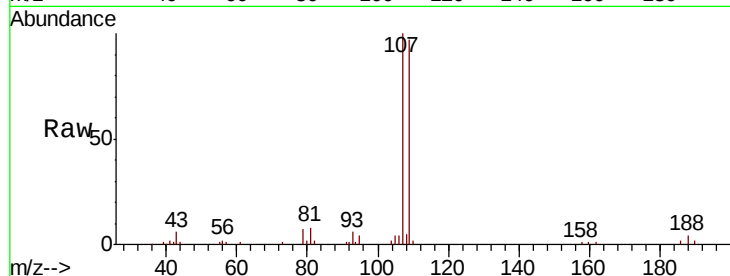
VX1117MBS01

Tot Ion:107 Resp: 20602

Ion Ratio Lower Upper

107 100

109 94.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

15000

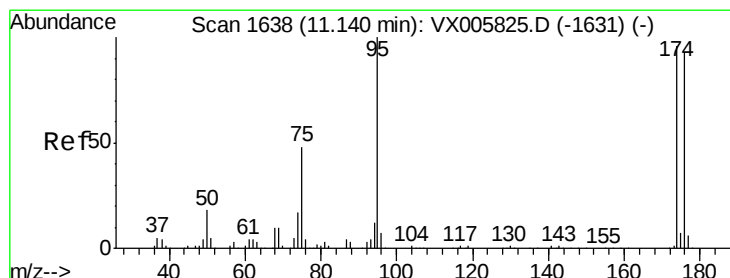
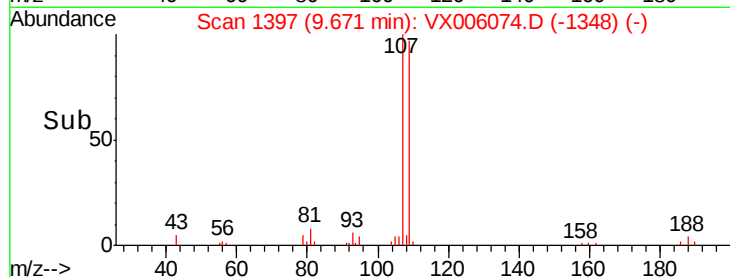
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.686 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

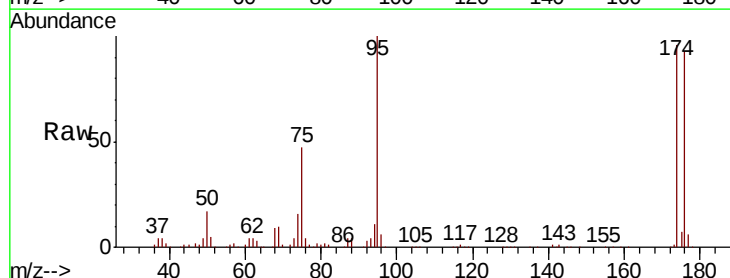
Tgt Ion: 95 Resp: 65269

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

60000

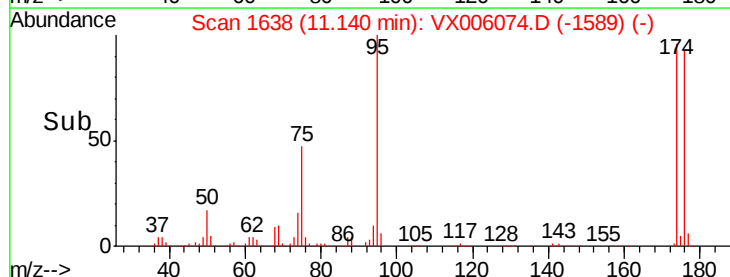
40000

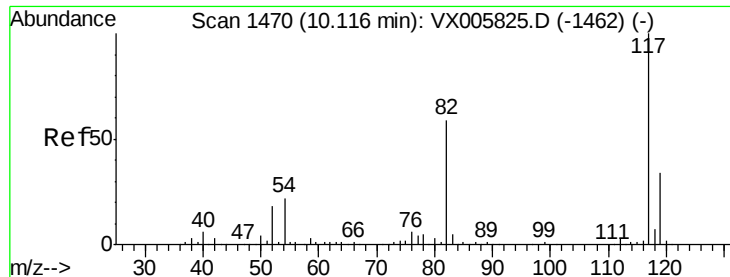
20000

0

Time-->

11.10 11.20

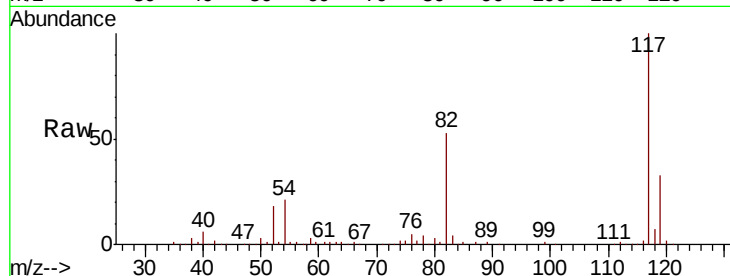




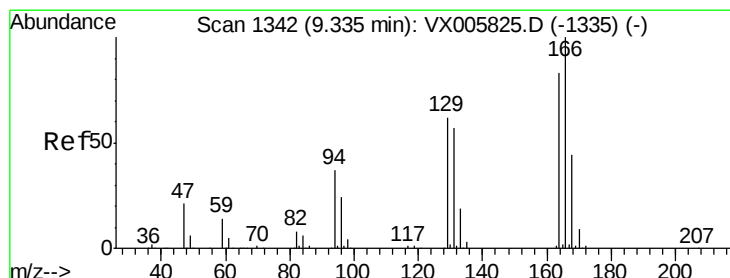
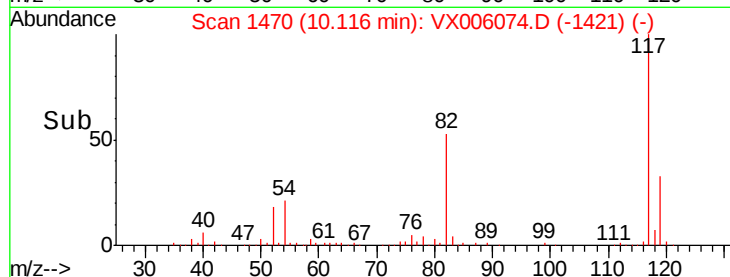
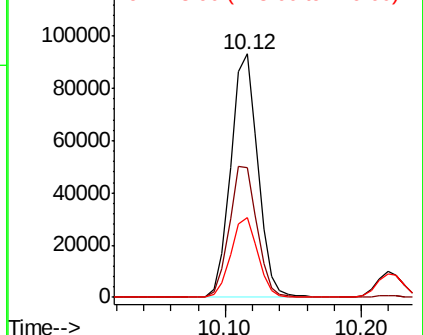
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion:117 Resp: 129126
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 33.0 26.2 39.2

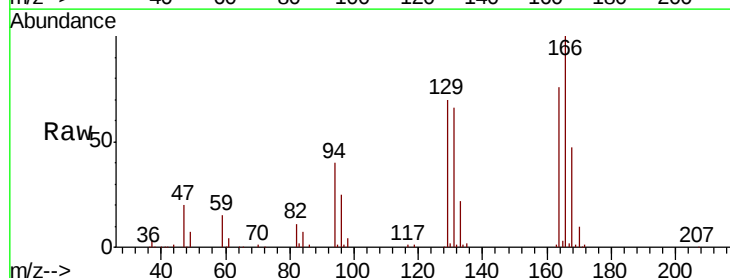


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

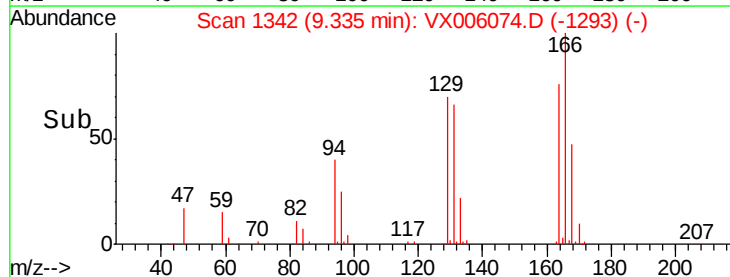
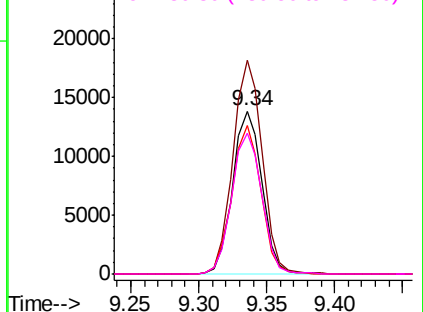


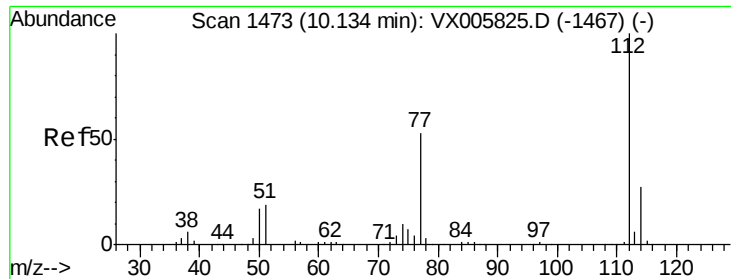
#64
Tetrachloroethene
Concen: 18.864 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:164 Resp: 20739
Ion Ratio Lower Upper
164 100
166 131.3 101.9 152.9
129 91.6 72.6 109.0
131 86.6 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

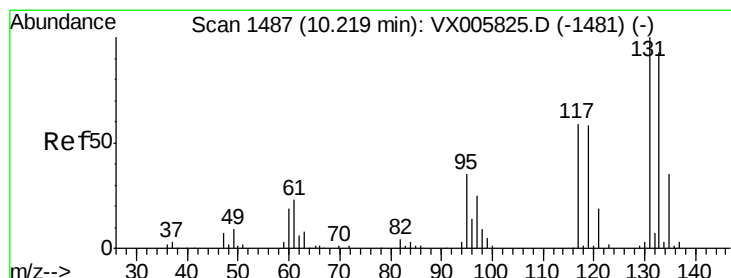
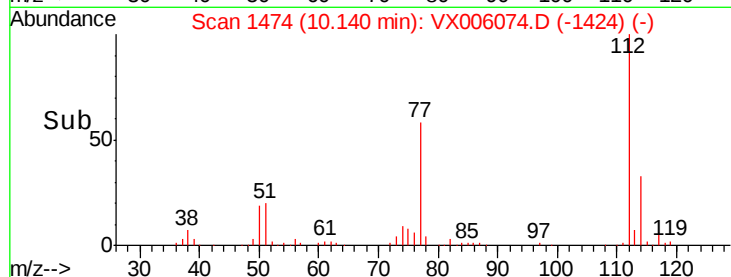
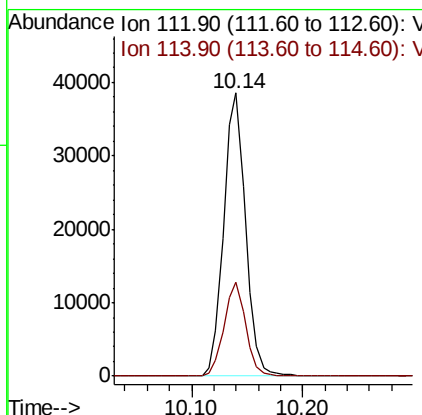
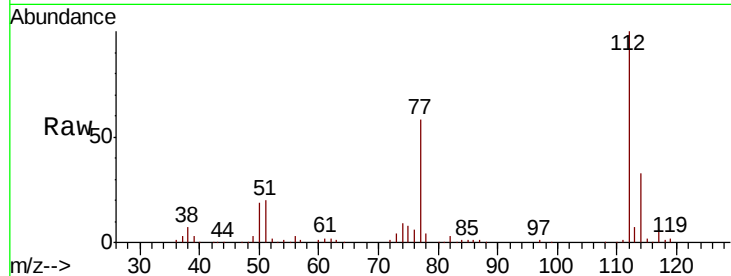




#65
Chlorobenzene
Concen: 20.281 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

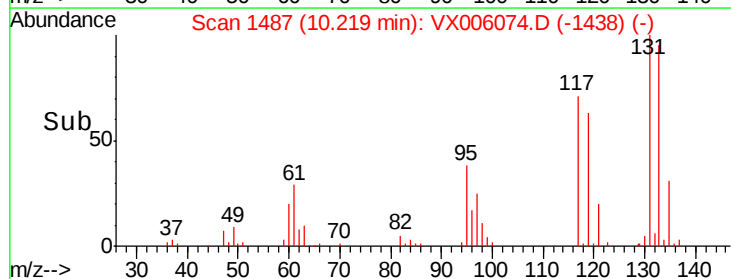
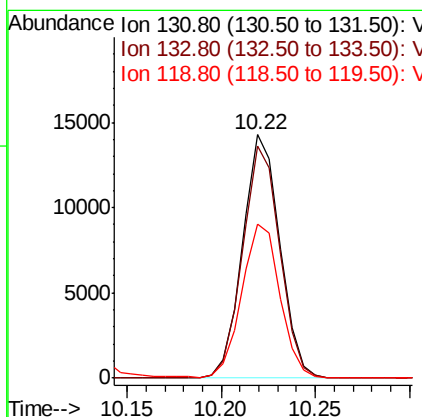
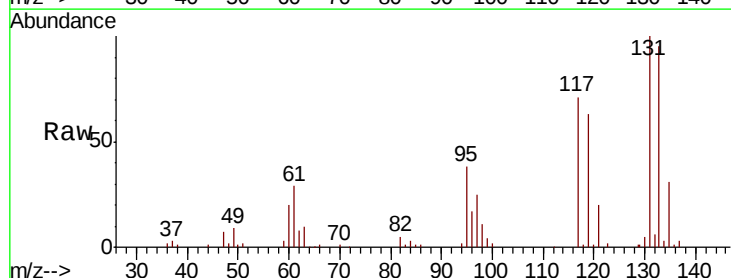
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

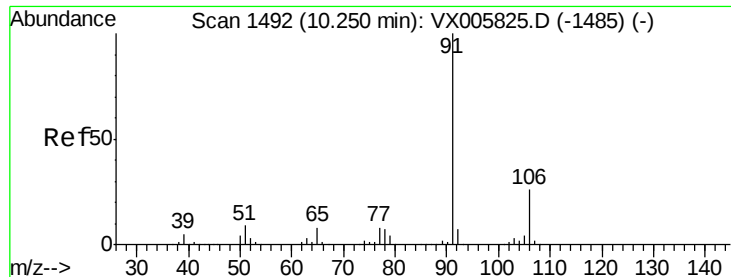
Tot Ion:112 Resp: 52463
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.670 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:131 Resp: 19488
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 65.0 31.8 95.3

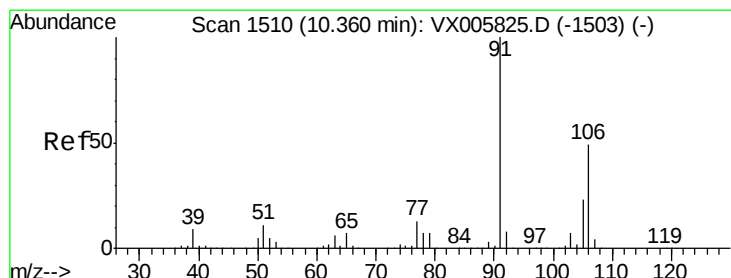
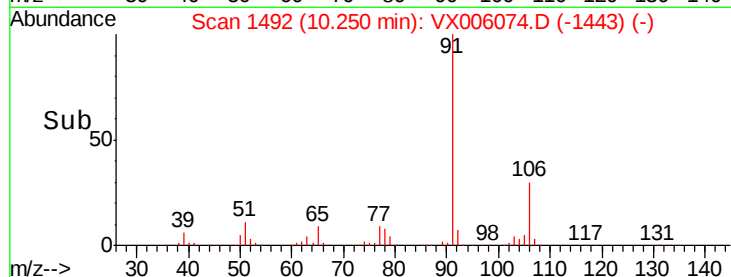
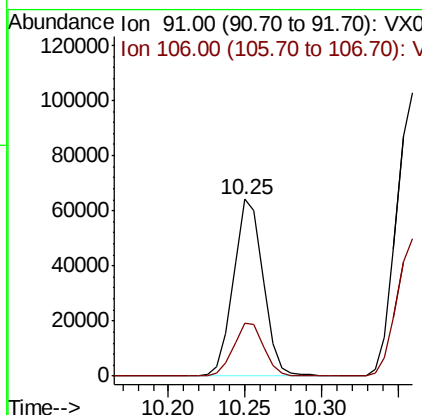
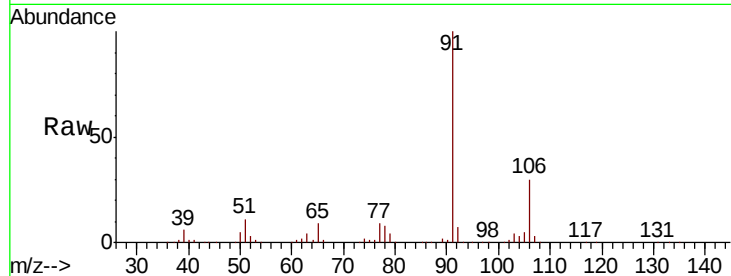




#67
Ethyl Benzene
Concen: 20.806 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

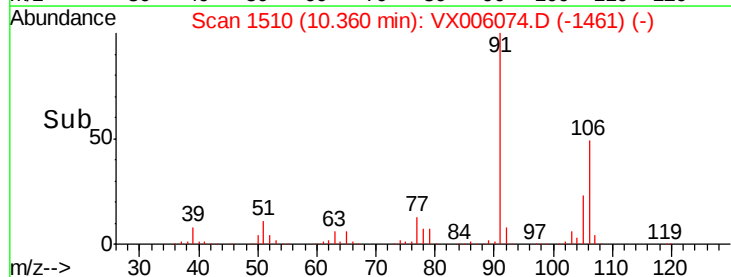
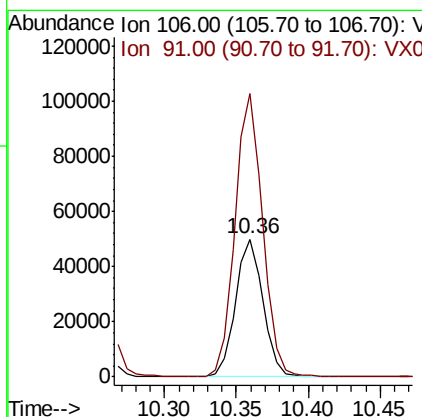
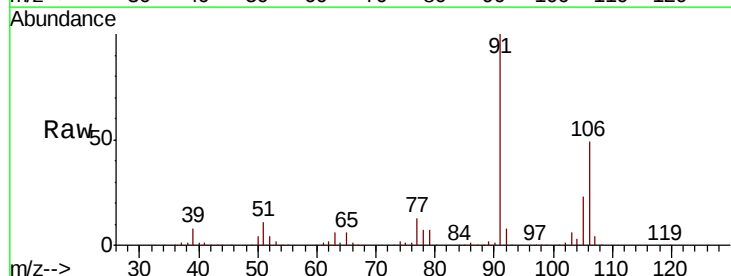
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

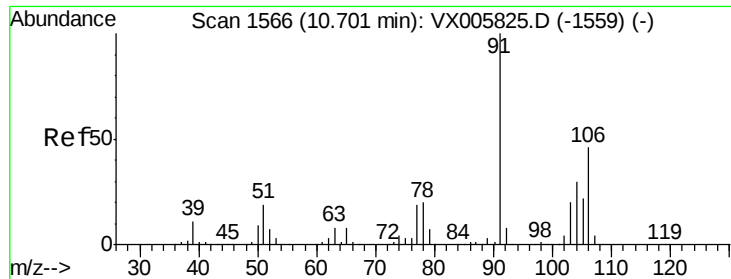
Tot Ion: 91 Resp: 86303
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 42.316 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 106 Resp: 66953
Ion Ratio Lower Upper
106 100
91 206.4 164.2 246.4

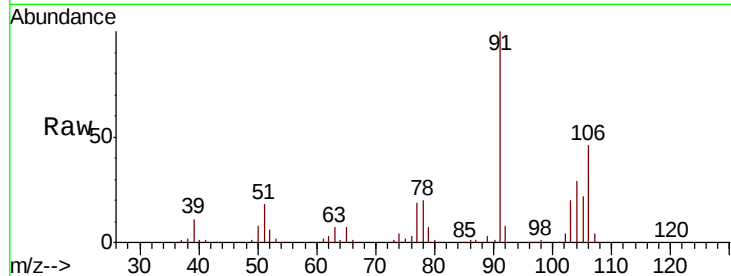




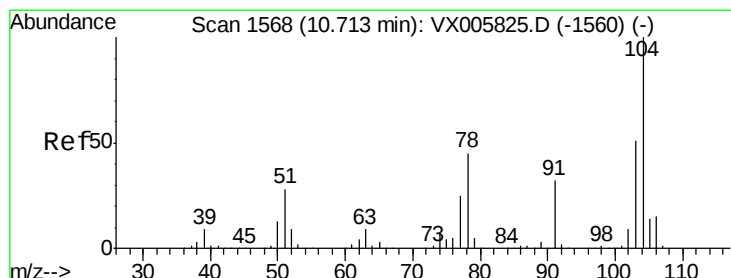
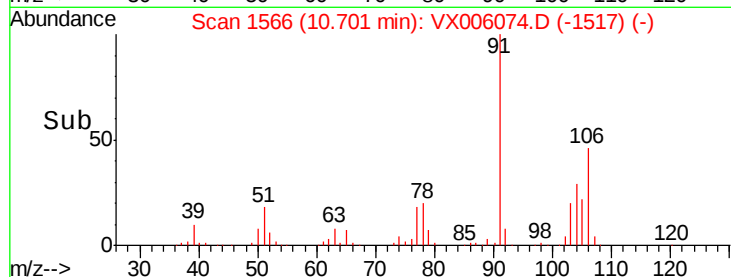
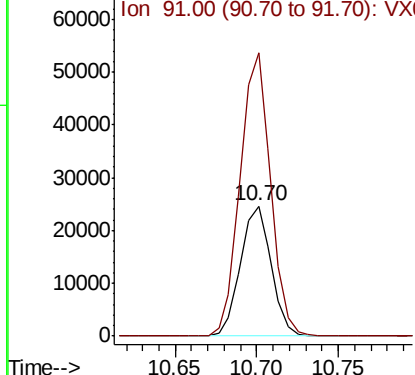
#69
o-Xylene
Concen: 22.862 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampled :
VX1117MBS01

Tot Ion:106 Resp: 32436
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.5

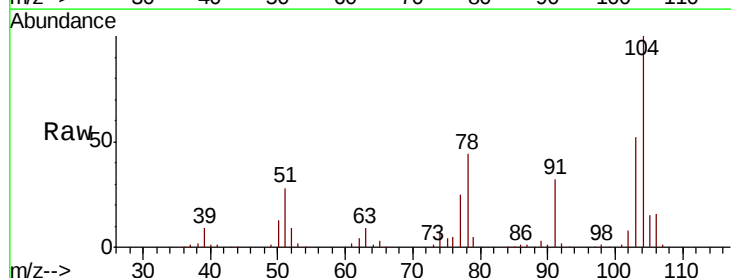


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

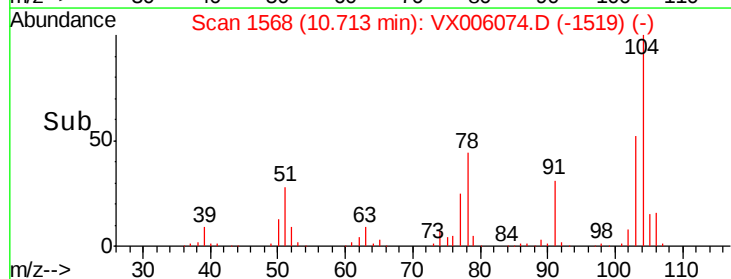
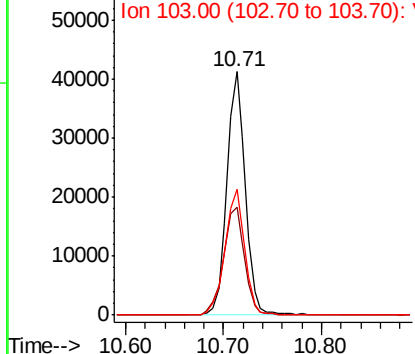


#70
Styrene
Concen: 23.060 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:104 Resp: 53971
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.4
103 55.5 44.9 67.3



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





#71

Bromoform

Concen: 21.507 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

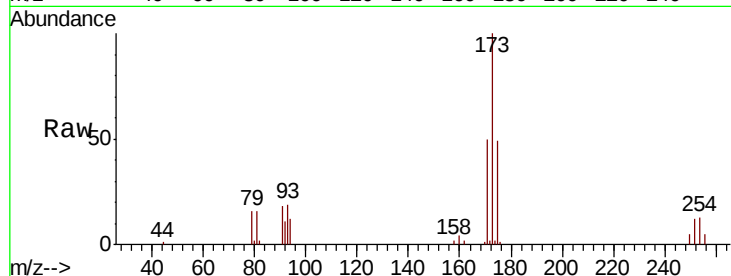
Tot Ion:173 Resp: 16214

Ion Ratio Lower Upper

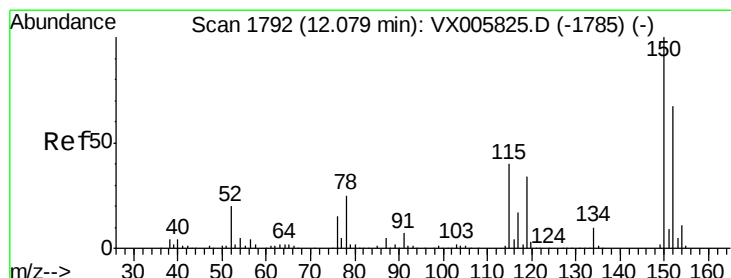
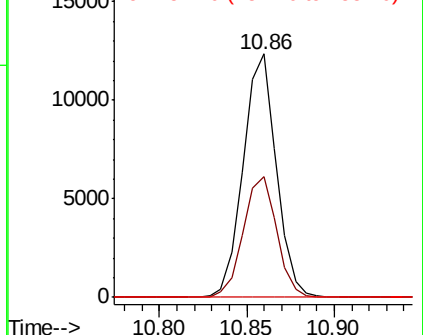
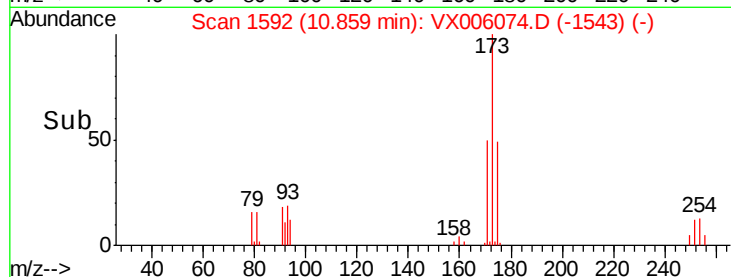
173 100

175 50.1 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

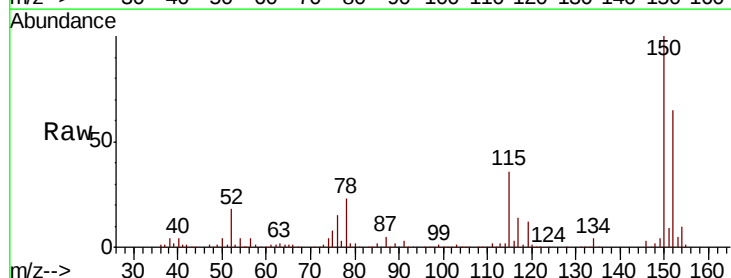
Tgt Ion:152 Resp: 92622

Ion Ratio Lower Upper

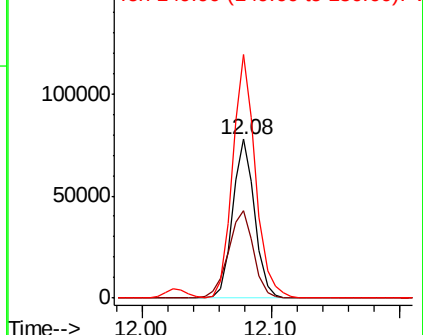
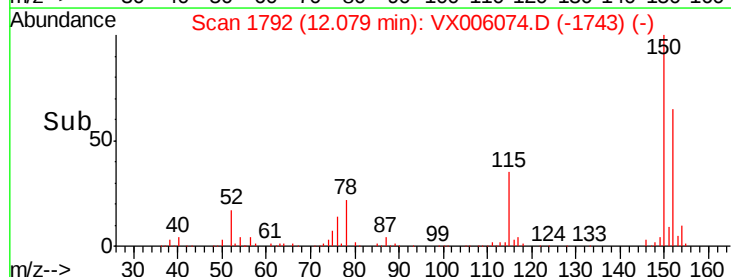
152 100

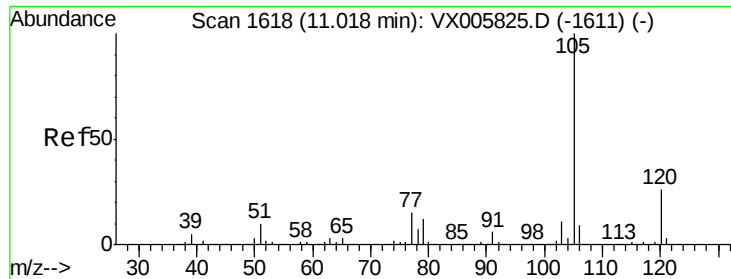
115 63.2 39.4 118.1

150 159.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 16.784 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

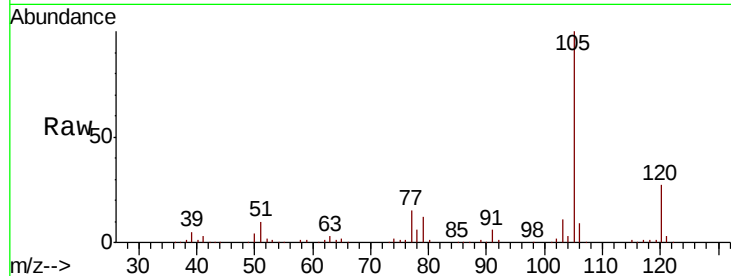
VX1117MBS01

Tot Ion:105 Resp: 89900

Ion Ratio Lower Upper

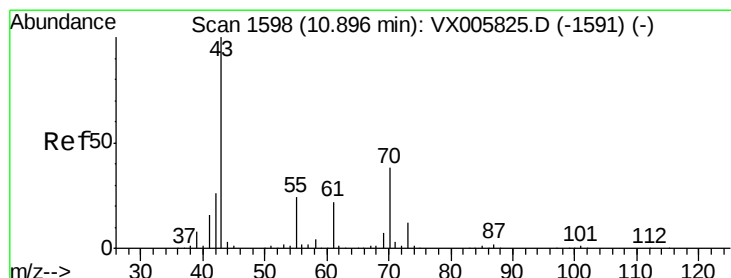
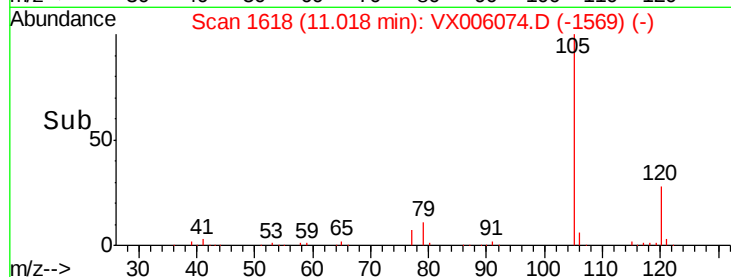
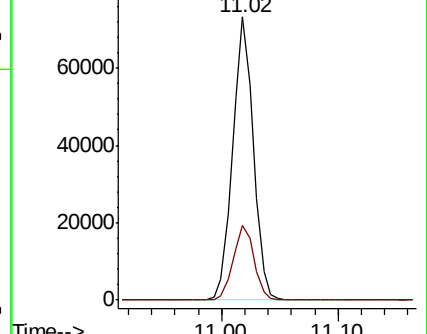
105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.181 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion: 43 Resp: 42940

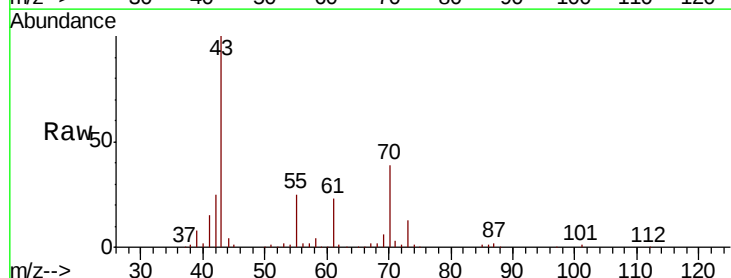
Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 25.9 19.7 29.5

61 22.5 18.3 27.5

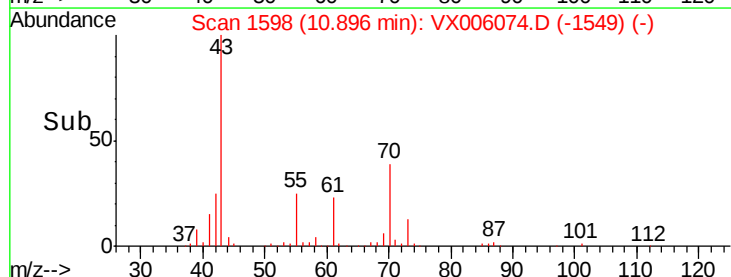
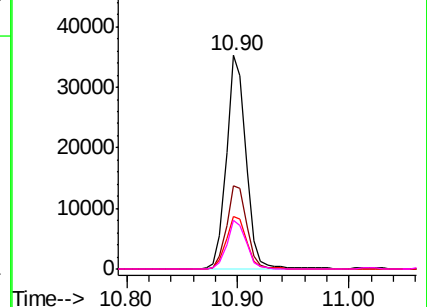


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.363 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

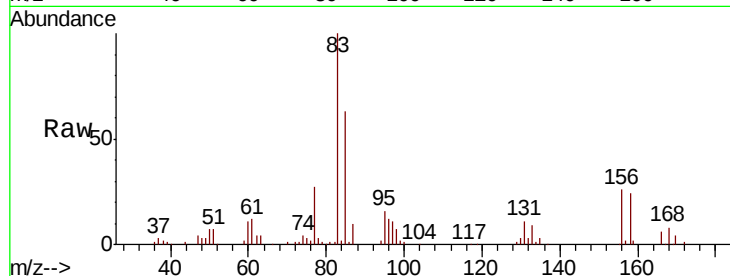
Tot Ion: 83 Resp: 32169

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

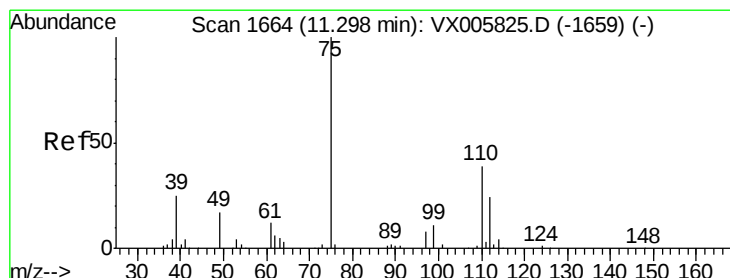
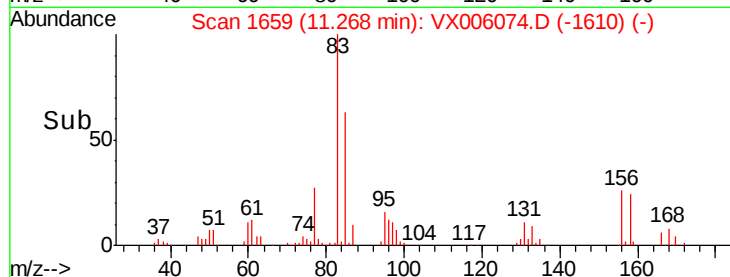
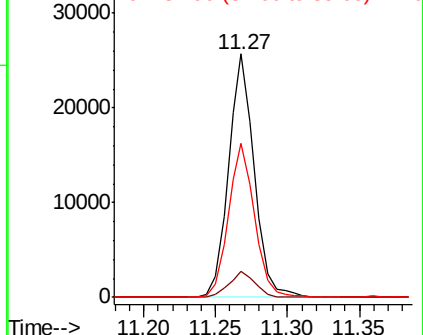
85 64.6 32.0 96.2



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: 20.356 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006074.D

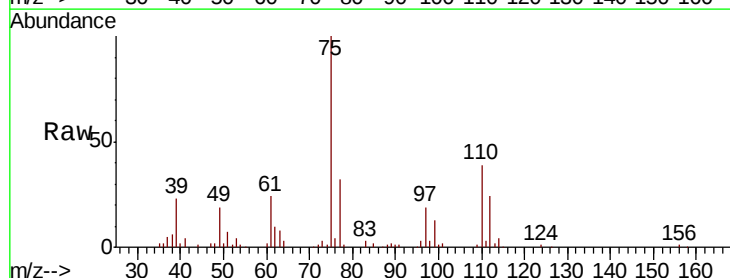
Acq: 17 Nov 2018 17:45

Tgt Ion: 75 Resp: 38392

Ion Ratio Lower Upper

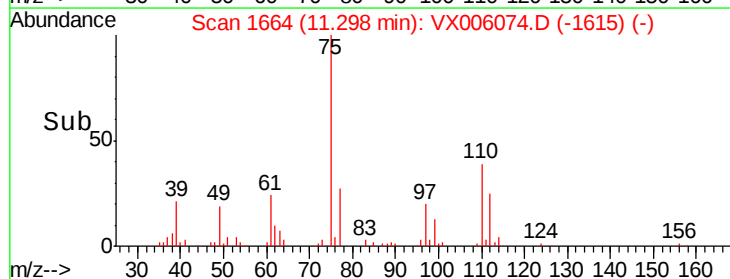
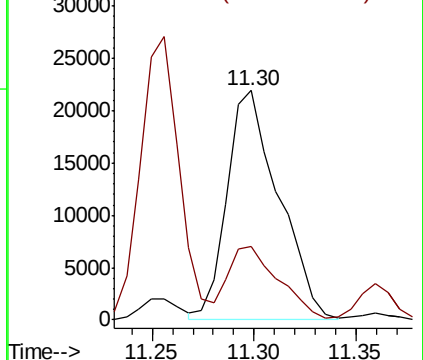
75 100

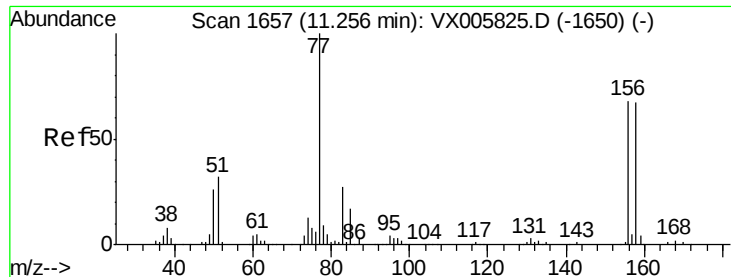
77 31.3 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.218 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

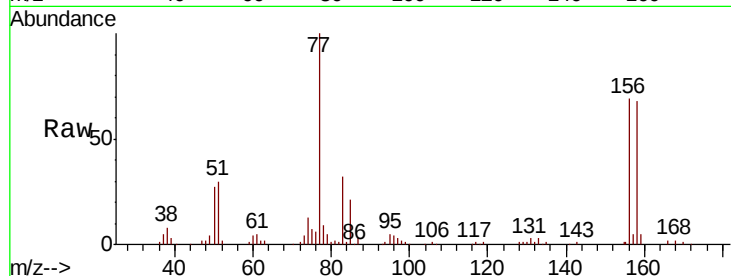
Tot Ion:156 Resp: 24485

Ion Ratio Lower Upper

156 100

77 146.5 74.8 224.4

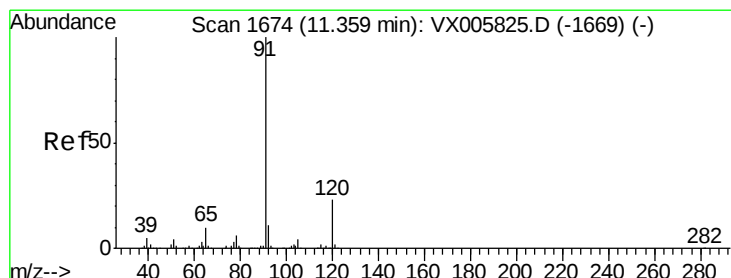
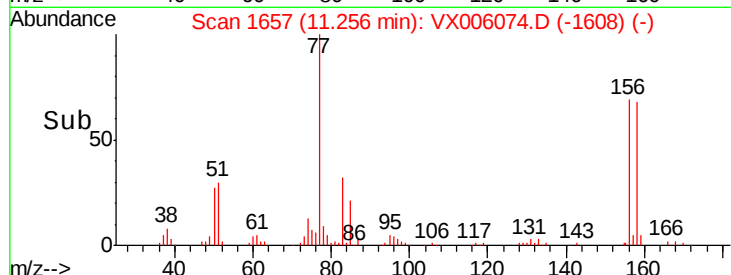
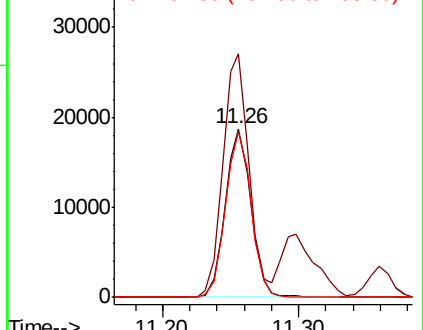
158 98.1 49.1 147.3



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: 16.259 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006074.D

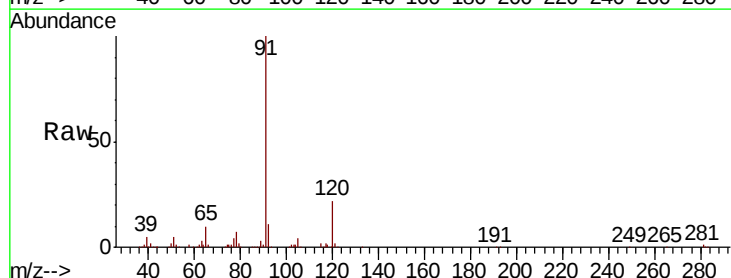
Acq: 17 Nov 2018 17:45

Tgt Ion: 91 Resp: 102635

Ion Ratio Lower Upper

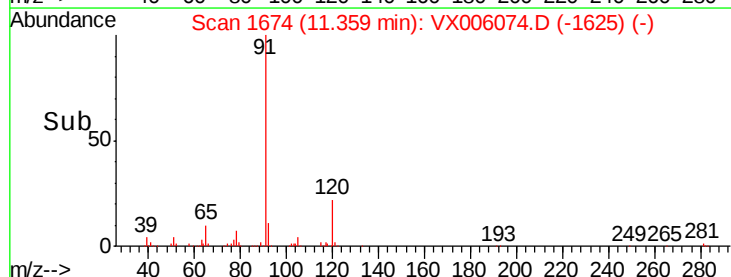
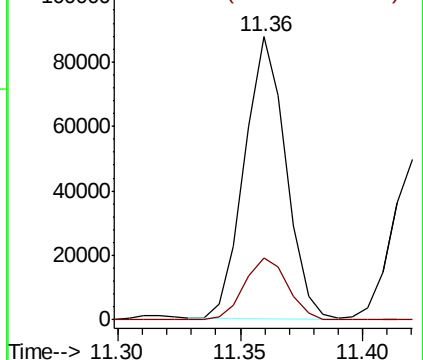
91 100

120 23.2 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: 16.070 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampled :

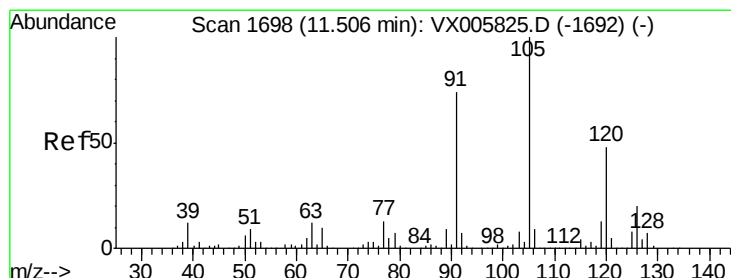
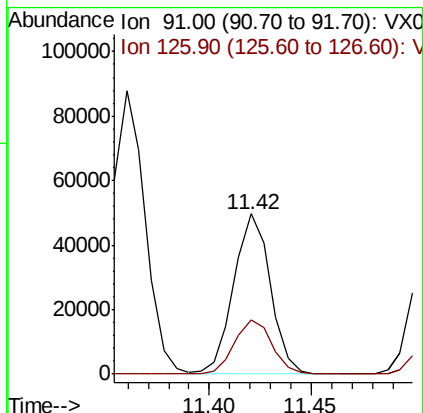
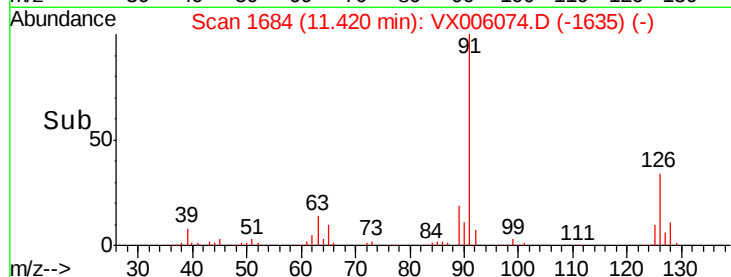
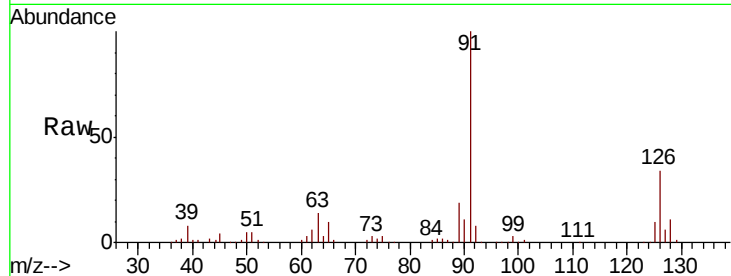
VX1117MBS01

Tot Ion: 91 Resp: 61314

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 17.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006074.D

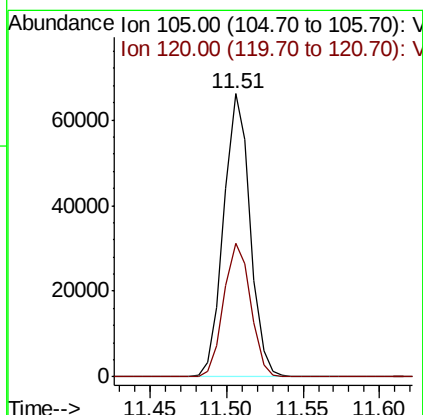
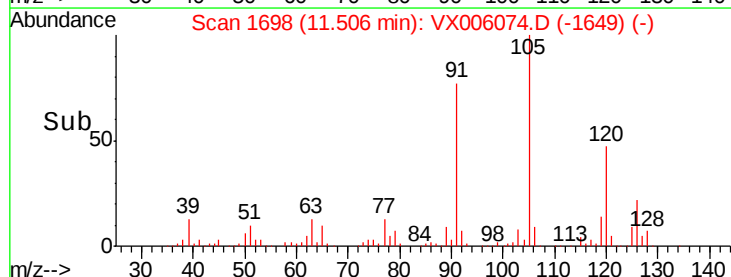
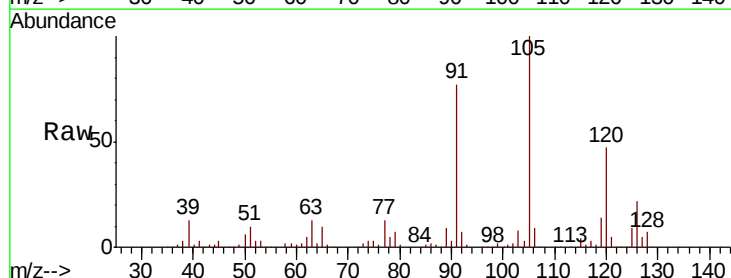
Acq: 17 Nov 2018 17:45

Tgt Ion: 105 Resp: 79085

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.539 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

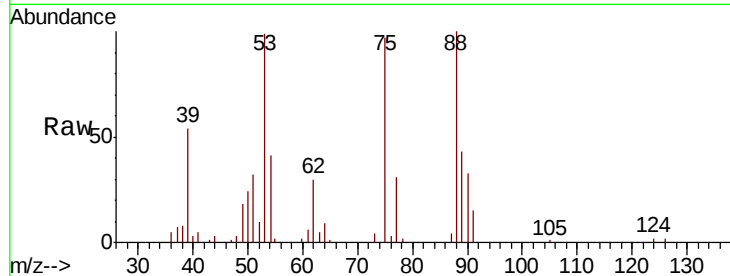
Tot Ion: 75 Resp: 9195

Ion Ratio Lower Upper

75 100

53 101.5 80.2 120.2

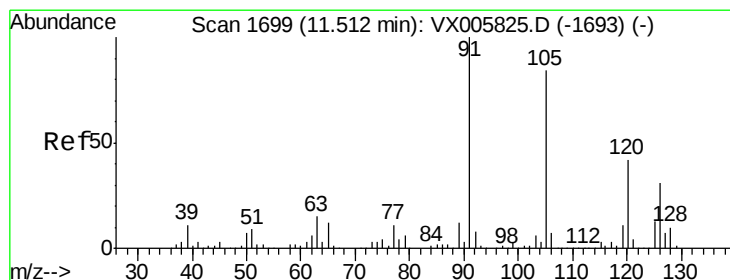
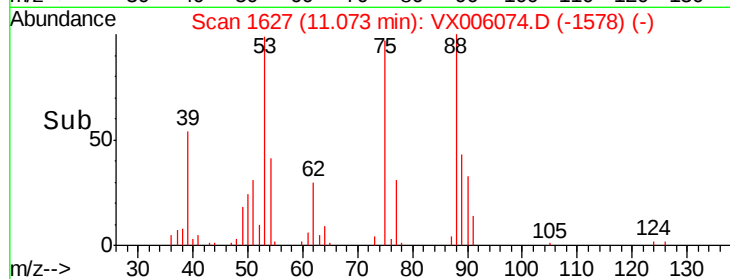
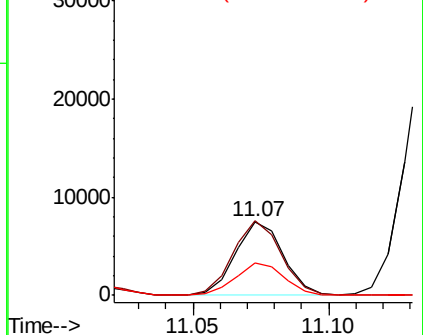
89 44.0 39.8 59.8



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: 16.594 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006074.D

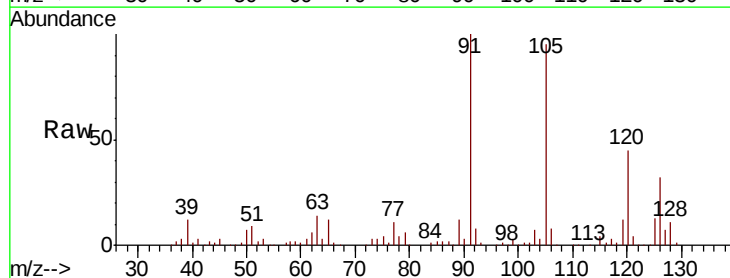
Acq: 17 Nov 2018 17:45

Tgt Ion: 91 Resp: 74617

Ion Ratio Lower Upper

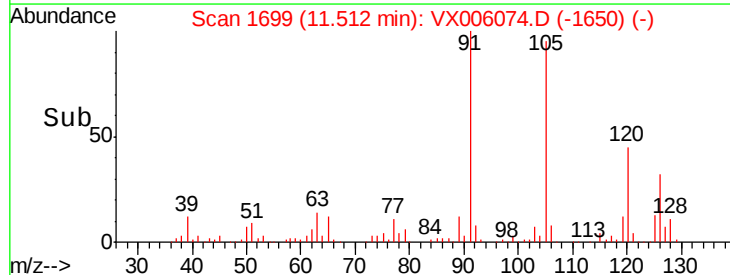
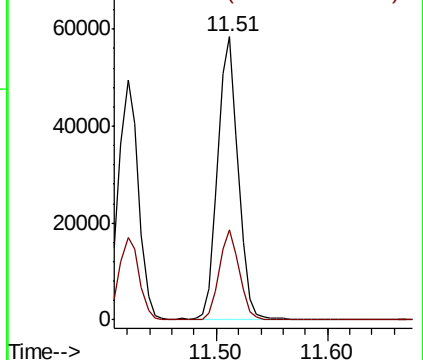
91 100

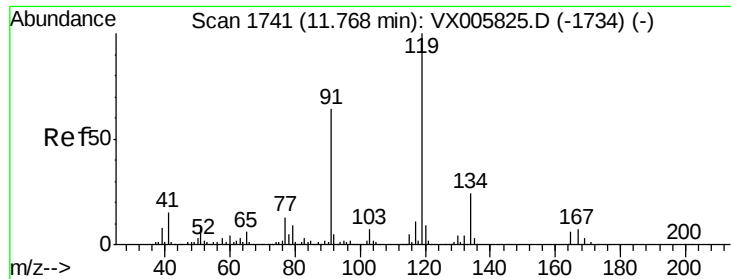
126 31.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.565 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

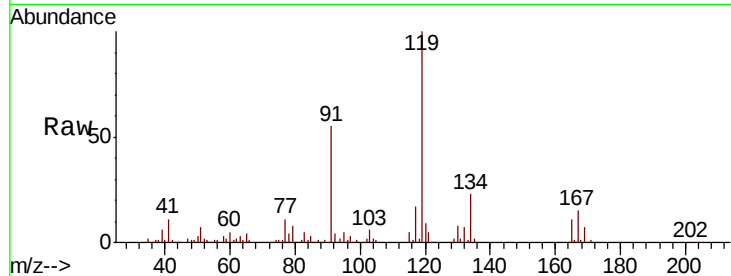
Tot Ion:119 Resp: 90093

Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.5

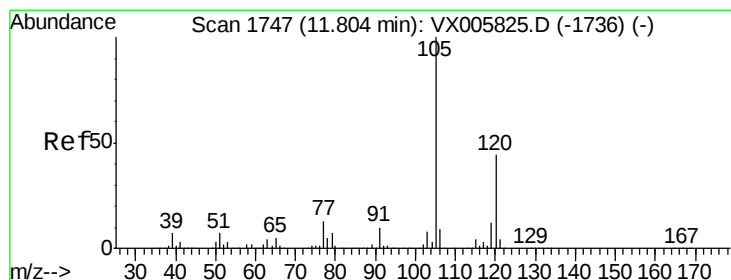
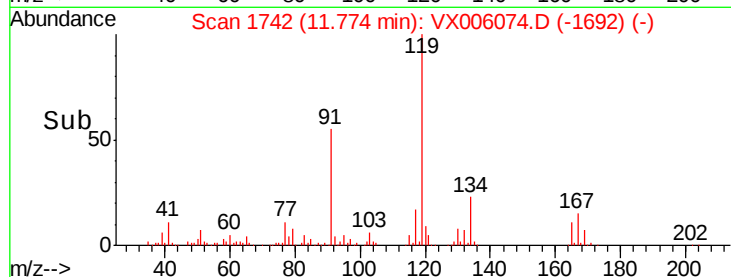
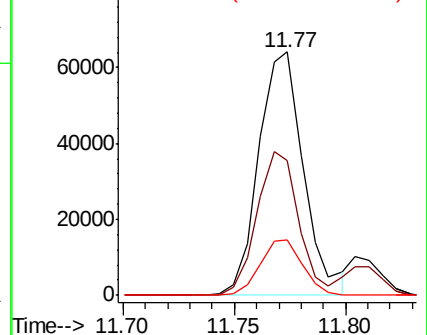
134 21.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.716 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006074.D

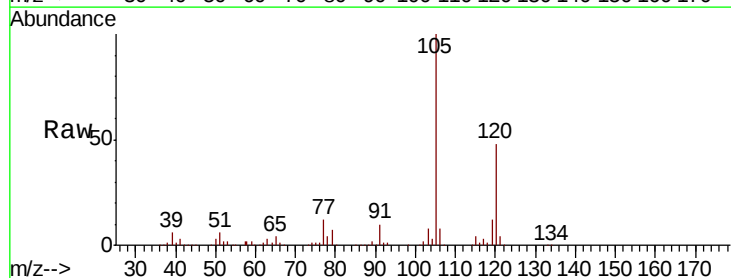
Acq: 17 Nov 2018 17:45

Tgt Ion:105 Resp: 99401

Ion Ratio Lower Upper

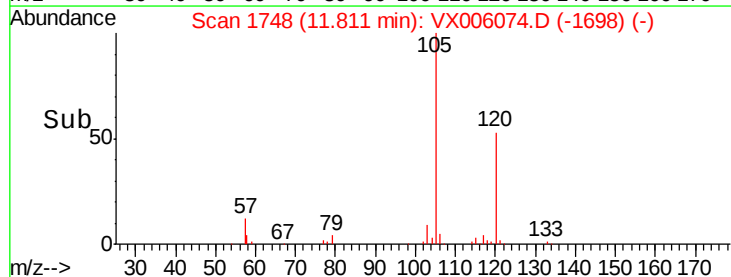
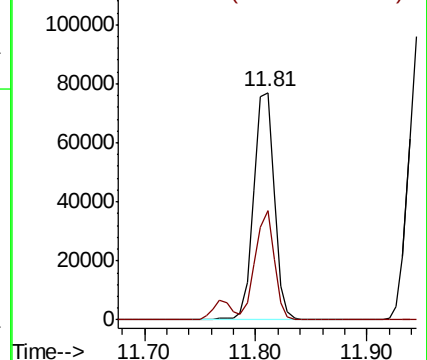
105 100

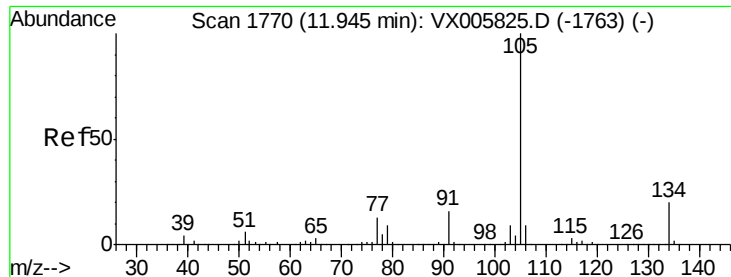
120 44.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.088 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampled :

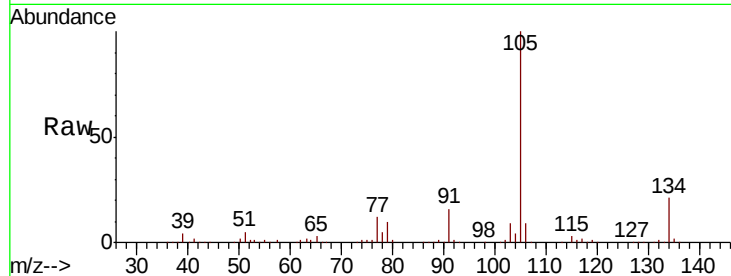
VX1117MBS01

Tot Ion:105 Resp: 118749

Ion Ratio Lower Upper

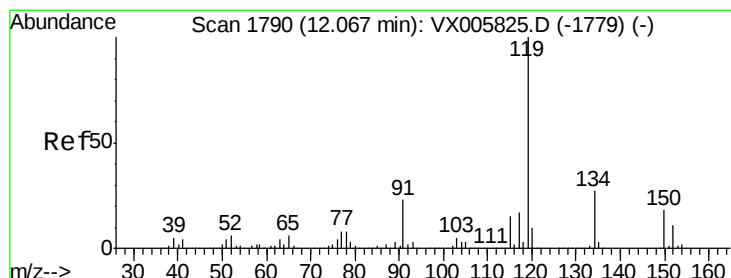
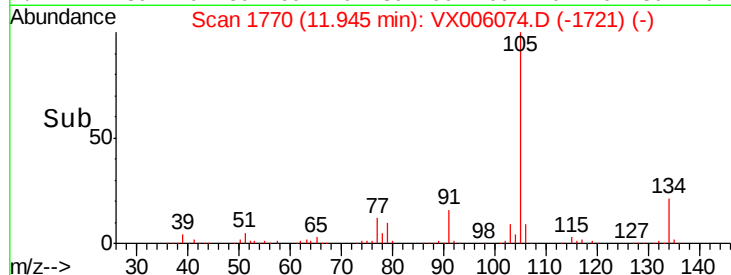
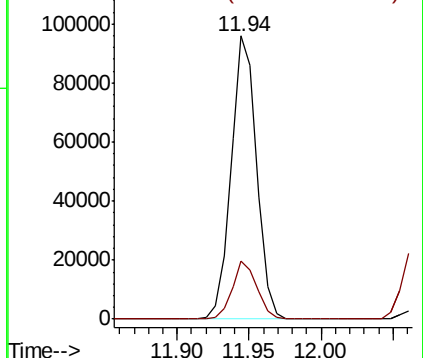
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.073 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

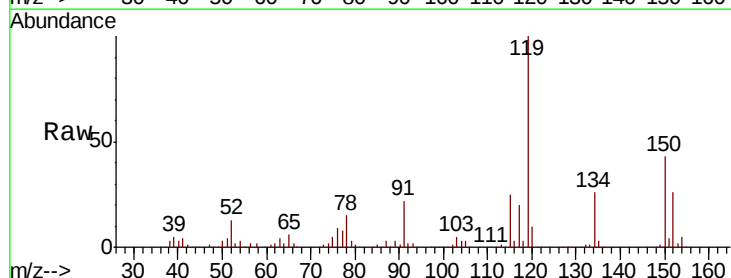
Tgt Ion:119 Resp: 105107

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

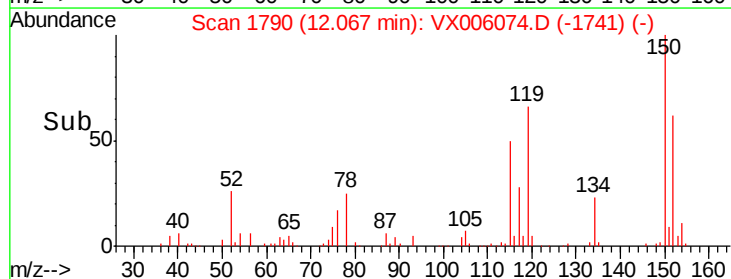
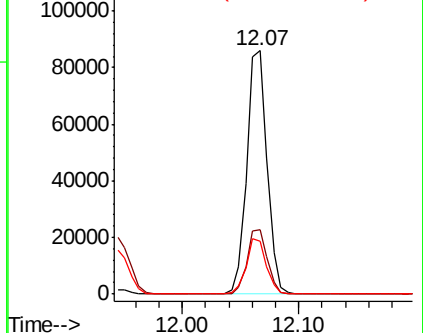
91 22.5 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

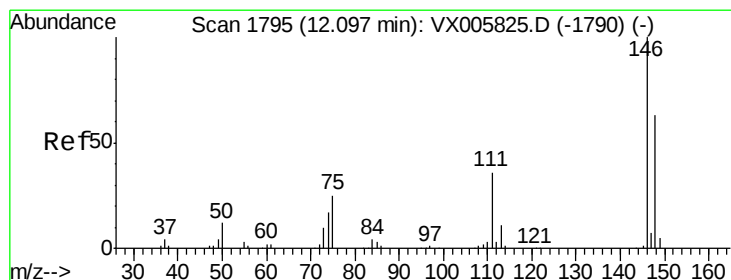
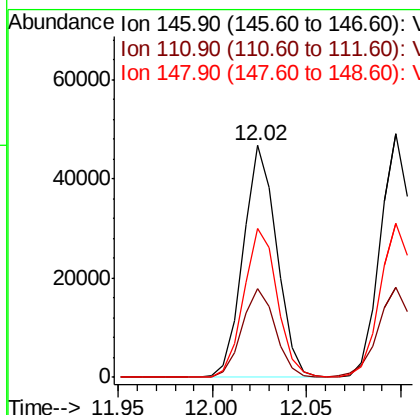
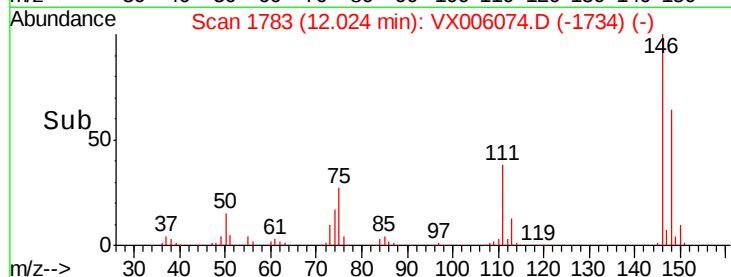
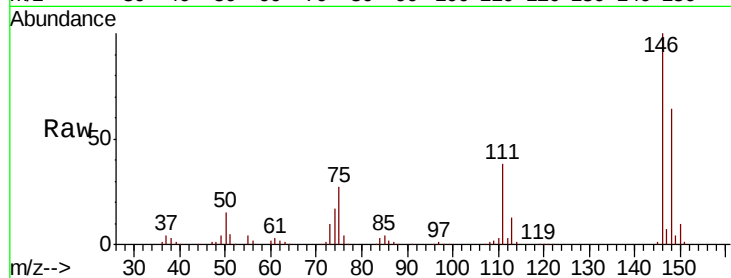




#87
 1,3-Dichlorobenzene
 Concen: 19.898 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

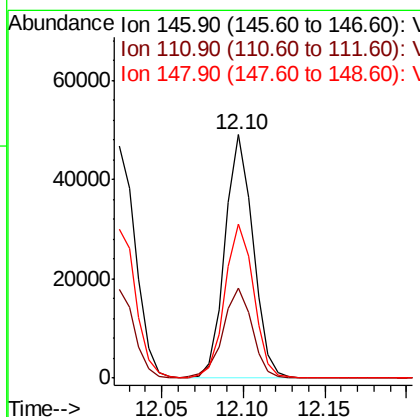
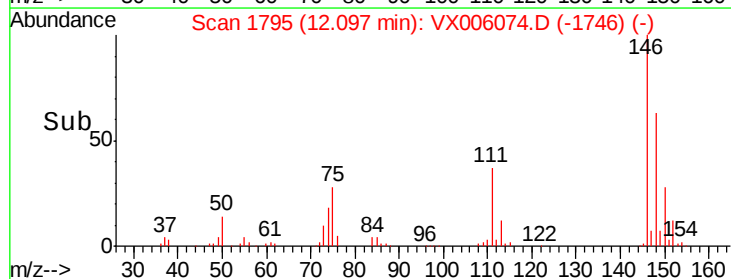
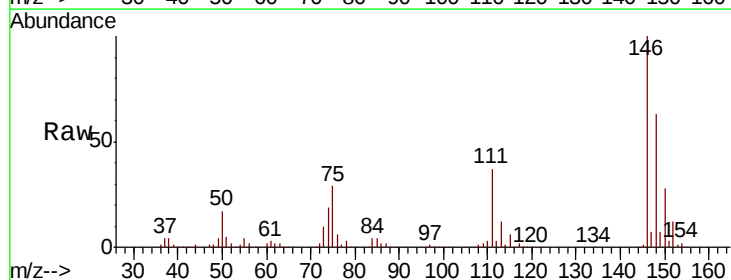
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tot Ion:146 Resp: 57652
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.865 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion:146 Resp: 58920
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 64.7 32.1 96.3

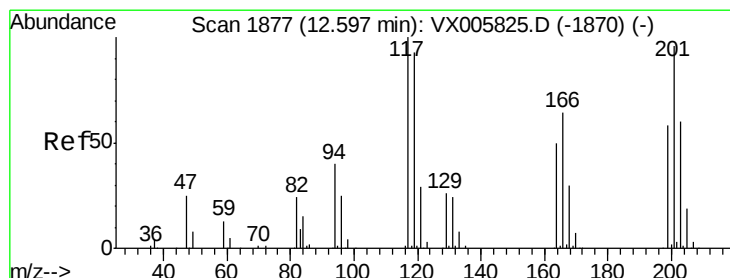
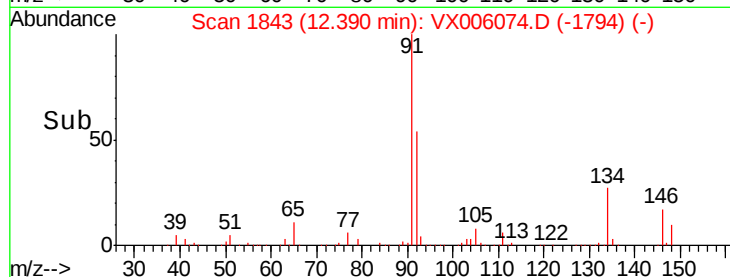
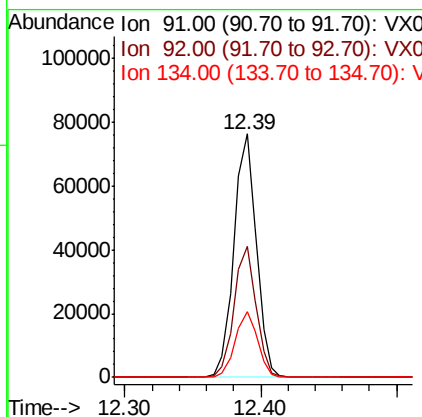
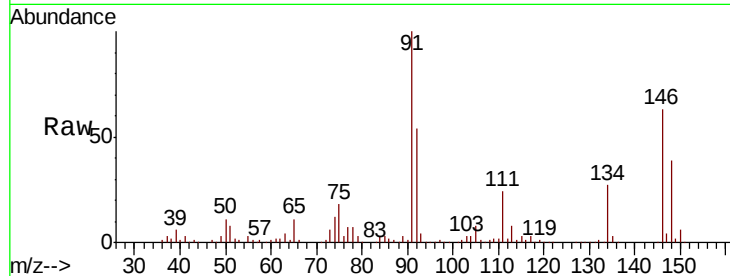




#89
n-Butylbenzene
Concen: 18.975 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

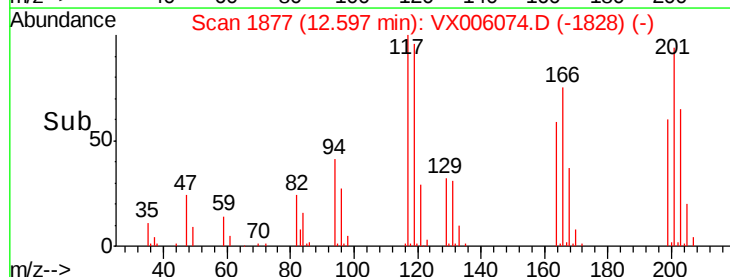
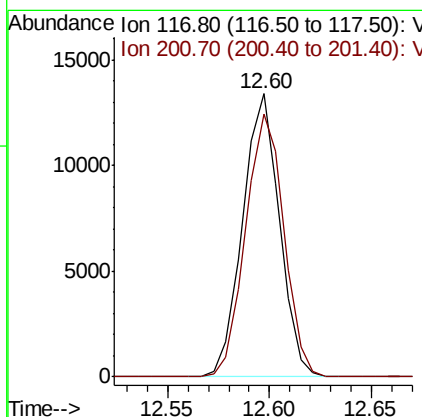
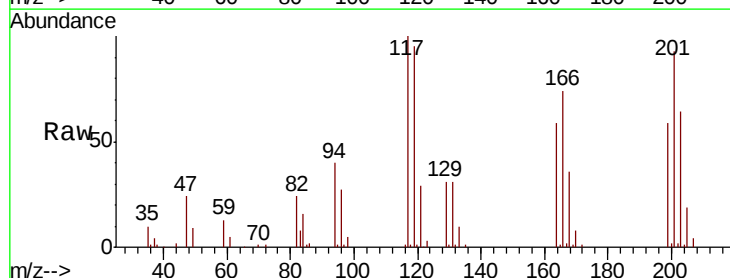
Instrument :
MSVOA_X
ClientSampled :
VX1117MBS01

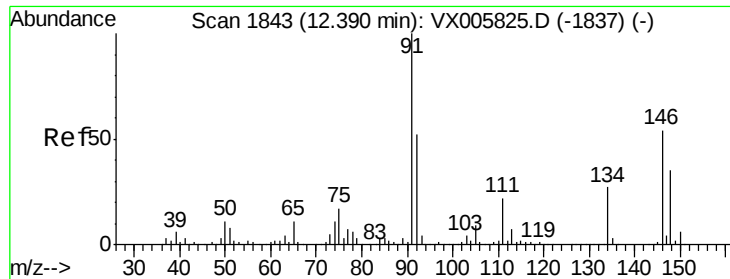
Tot Ion: 91 Resp: 87718
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 26.7 13.1 39.3



#90
Hexachloroethane
Concen: 20.191 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 117 Resp: 16814
Ion Ratio Lower Upper
117 100
201 96.5 47.9 143.6

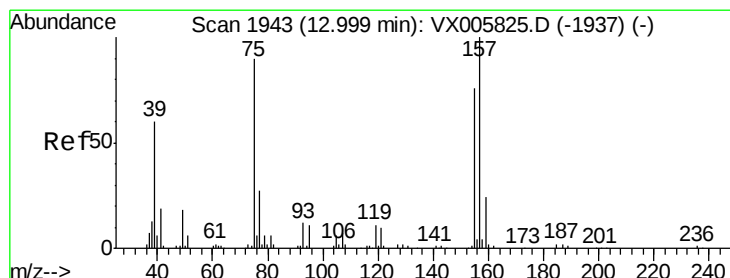
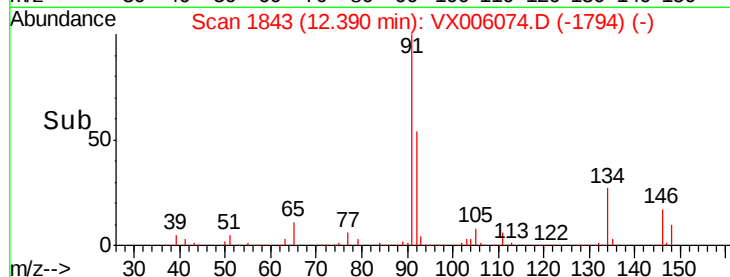
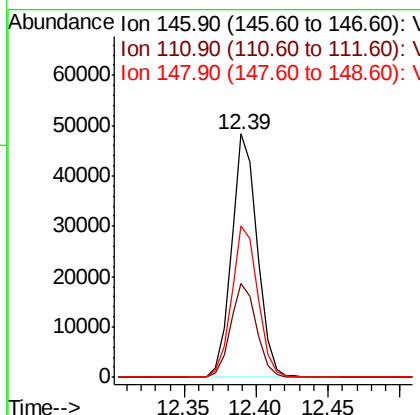
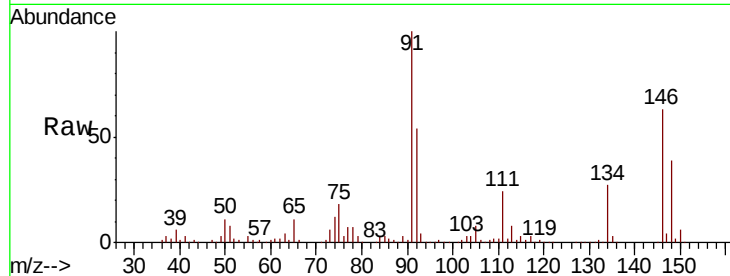




#91
 1,2-Dichlorobenzene
 Concen: 20.816 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

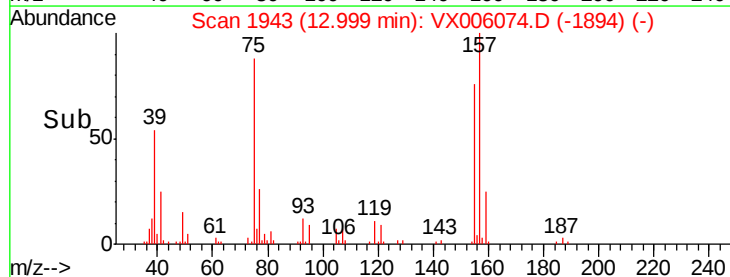
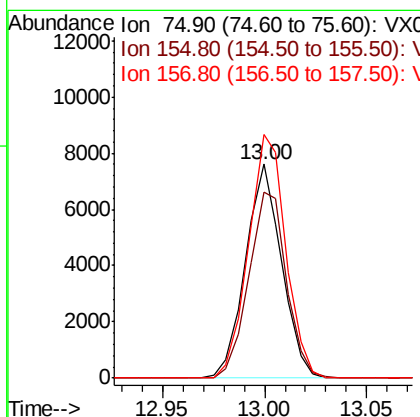
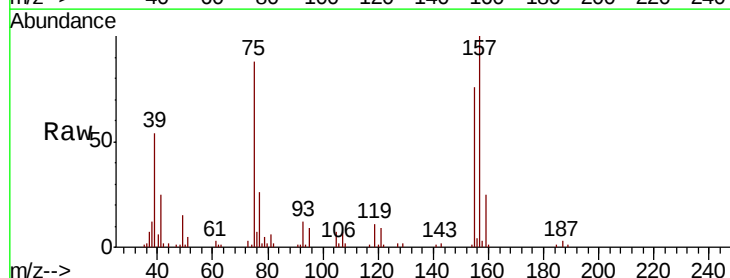
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

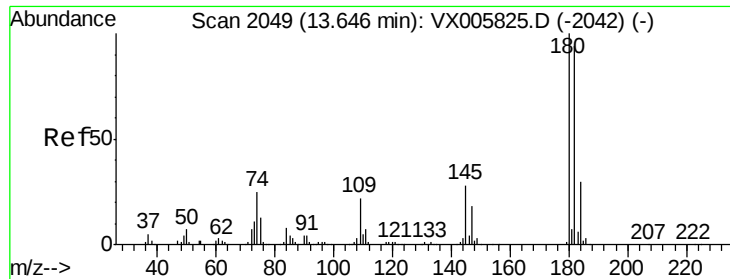
Tot Ion:146 Resp: 60417
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 59.9
 148 63.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.466 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 75 Resp: 9339
 Ion Ratio Lower Upper
 75 100
 155 91.1 45.4 136.1
 157 117.6 57.4 172.0

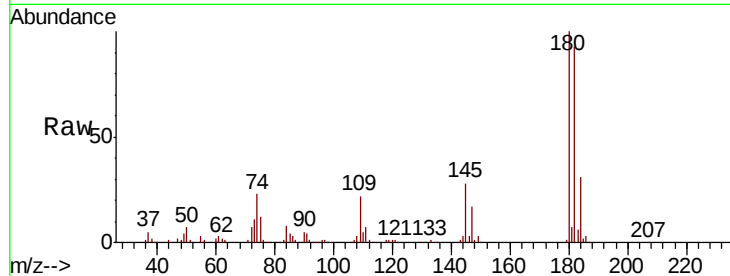




#93
1,2,4-Trichlorobenzene
Concen: 20.916 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	28.2	14.1	42.2

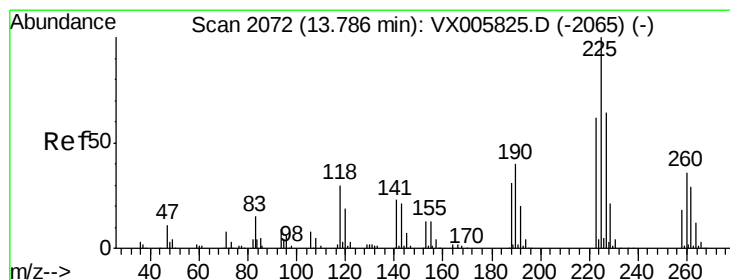
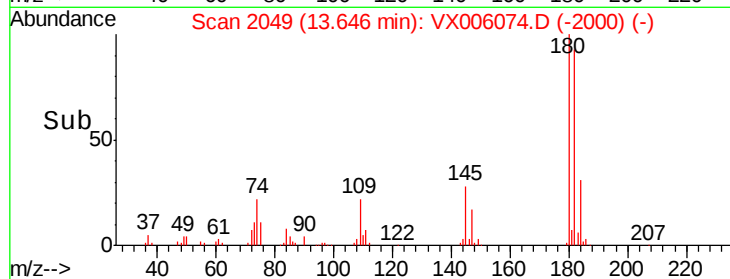
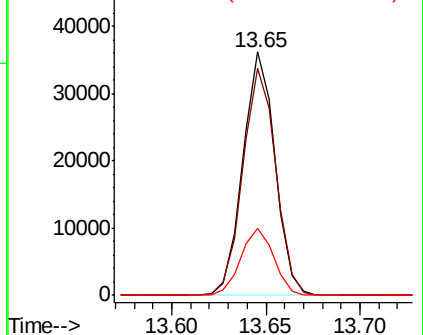


Abundance

Ion 179.80 (179.50 to 180.50): V

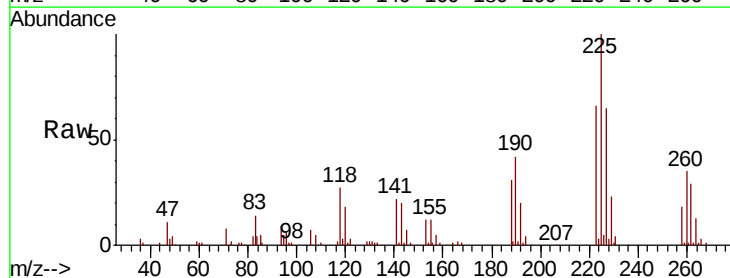
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.184 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.7	95.1
227	63.6	32.3	96.9

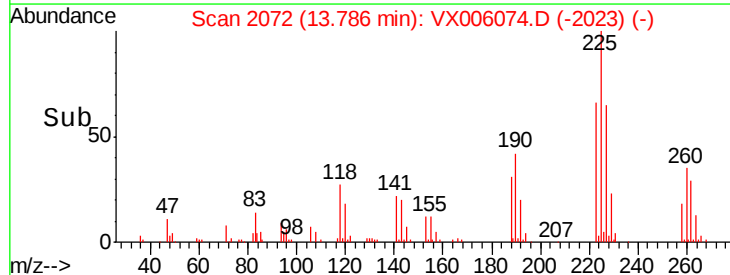
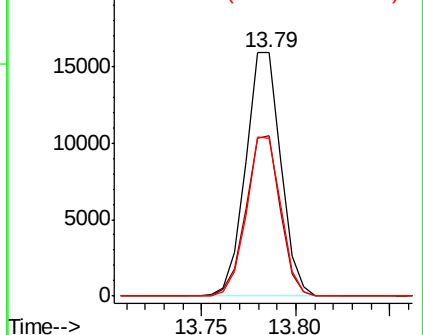


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.362 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

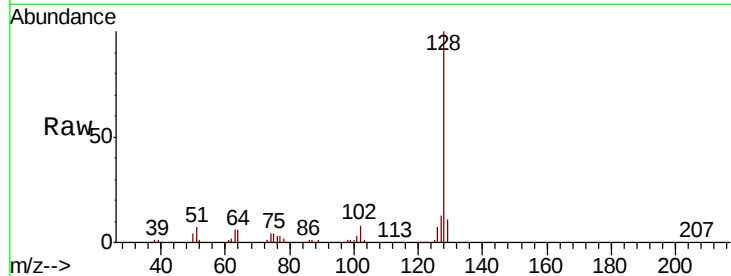
Tot Ion:128 Resp: 130923

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

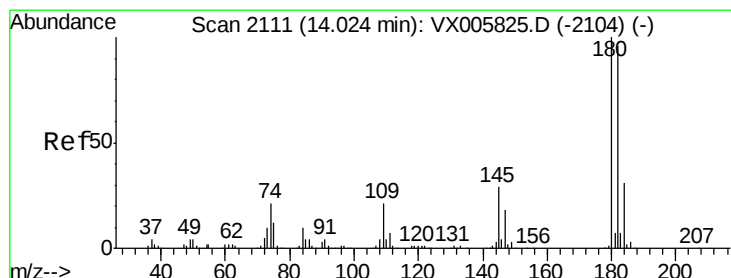
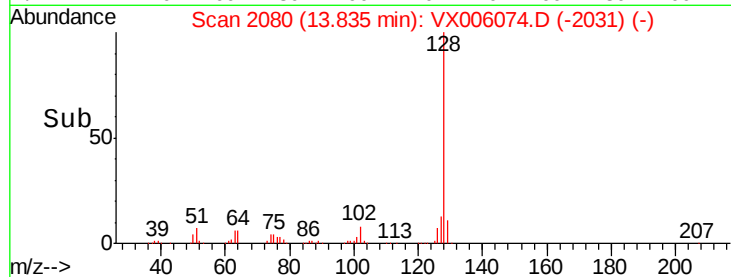
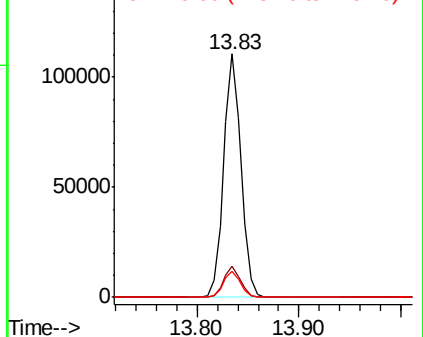
129 10.5 8.7 13.1



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: 21.236 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

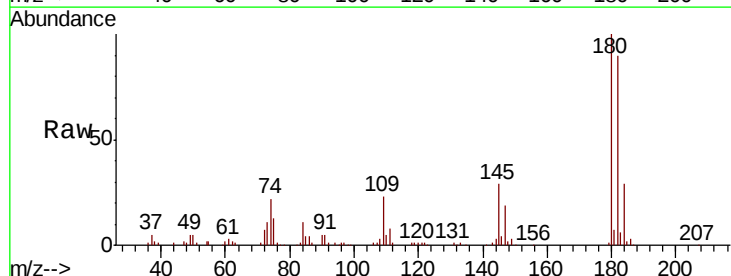
Tgt Ion:180 Resp: 44205

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 29.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

