

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005941.D
 Acq On : 13 Nov 2018 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 03:22:44 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	112671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	151087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	122981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58569	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.49	113	47348	46.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	8.71	98	166030	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	62470	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44973	44.271	ug/l	90
3) Chloromethane	1.32	50	59503	44.632	ug/l	90
4) Vinyl Chloride	1.41	62	56084	41.904	ug/l	93
5) Bromomethane	1.64	94	35291	43.088	ug/l	98
6) Chloroethane	1.71	64	35474	44.422	ug/l	97
7) Trichlorofluoromethane	1.92	101	79798	44.918	ug/l	92
8) Diethyl Ether	2.19	74	31880	45.796	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47684	46.669	ug/l	97
10) Methyl Iodide	2.51	142	62798	50.711	ug/l	95
11) Tert butyl alcohol	3.08	59	82162	221.426	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43574	43.754	ug/l	86
13) Acrolein	2.29	56	53633	299.067	ug/l	94
14) Allyl chloride	2.73	41	105828	47.580	ug/l	99
15) Acrylonitrile	3.15	53	185328	241.007	ug/l	99
16) Acetone	2.45	43	175737	251.981	ug/l	96
17) Carbon Disulfide	2.57	76	135369	45.571	ug/l	99
18) Methyl Acetate	2.78	43	93942	50.271	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	158978	46.772	ug/l	100
20) Methylene Chloride	2.85	84	50106	43.737	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	49333	46.965	ug/l	88
22) Diisopropyl ether	3.87	45	190320	48.846	ug/l	# 96
23) Vinyl Acetate	3.82	43	767010	229.590	ug/l	97
24) 1,1-Dichloroethane	3.69	63	96832	46.581	ug/l	98
25) 2-Butanone	4.71	43	256625	234.049	ug/l	# 89
26) 2,2-Dichloropropane	4.58	77	77361	50.732	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	55678	48.004	ug/l	97
28) Bromochloromethane	5.01	49	46283	49.818	ug/l	99
29) Tetrahydrofuran	5.16	42	166315	236.240	ug/l	98
30) Chloroform	5.21	83	88023	43.890	ug/l	89
31) Cyclohexane	5.57	56	85641	47.460	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	78736	47.068	ug/l	98
36) 1,1-Dichloropropene	5.80	75	67421	46.289	ug/l	98
37) Ethyl Acetate	4.86	43	85941	44.870	ug/l	98
38) Carbon Tetrachloride	5.78	117	71882	49.297	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76563	51.864	ug/l	90
40) Benzene	6.14	78	191466	45.093	ug/l	99
41) Methacrylonitrile	5.06	41	48925	47.273	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72430	47.625	ug/l	99
43) Isopropyl Acetate	6.46	43	127493	45.937	ug/l	98
44) Trichloroethene	7.21	130	50669	46.989	ug/l	96
45) 1,2-Dichloropropane	7.52	63	49883	48.402	ug/l	100
46) Dibromomethane	7.66	93	32358	50.035	ug/l	99
47) Bromodichloromethane	7.90	83	65856	53.884	ug/l	92
48) Methyl methacrylate	7.77	41	65418	52.494	ug/l	97
49) 1,4-Dioxane	7.75	88	26211	976.070	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	429643	245.631	ug/l	99
52) Toluene	8.79	92	112408	47.368	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69176	47.962	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	75585	51.416	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46558	44.021	ug/l	98
56) Ethyl methacrylate	9.18	69	72907	46.072	ug/l	99
57) 1,3-Dichloropropane	9.37	76	78943	44.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207237	240.652	ug/l	99
59) 2-Hexanone	9.49	43	349532	226.705	ug/l	100
60) Dibromochloromethane	9.59	129	50567	44.240	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48907	41.819	ug/l	100
64) Tetrachloroethene	9.34	164	53394	50.994	ug/l	99
65) Chlorobenzene	10.14	112	126827	51.478	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	47573	55.542	ug/l	99
67) Ethyl Benzene	10.25	91	221244	56.003	ug/l	100
68) m/p-Xylenes	10.36	106	172871	114.719	ug/l	100
69) o-Xylene	10.70	106	80207	59.358	ug/l	97
70) Styrene	10.71	104	138549	62.156	ug/l	99
71) Bromoform	10.86	173	42249	58.842	ug/l #	98
73) Isopropylbenzene	11.02	105	228674	55.144	ug/l	100
74) N-amyl acetate	10.90	43	111889	48.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77047	50.619	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94788	64.917	ug/l	85
77) Bromobenzene	11.26	156	60035	51.363	ug/l	100
78) n-propylbenzene	11.36	91	271195	55.491	ug/l	99
79) 2-Chlorotoluene	11.42	91	157887	53.449	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	197503	56.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23796	51.941	ug/l	98
82) 4-Chlorotoluene	11.51	91	189794	54.517	ug/l	100
83) tert-Butylbenzene	11.77	119	190148	53.336	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203212	52.258	ug/l	99
85) sec-Butylbenzene	11.94	105	235547	54.030	ug/l	100
86) p-Isopropyltoluene	12.07	119	216056	55.949	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113766	50.717	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	115364	50.239	ug/l	100
89) n-Butylbenzene	12.39	91	195058	54.501	ug/l	100
90) Hexachloroethane	12.60	117	34243	53.113	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	113701	50.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19356	52.113	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86862	54.909	ug/l	100
94) Hexachlorobutadiene	13.78	225	44766	53.872	ug/l	100
95) Naphthalene	13.83	128	257695	49.951	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87499	54.292	ug/l	100

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

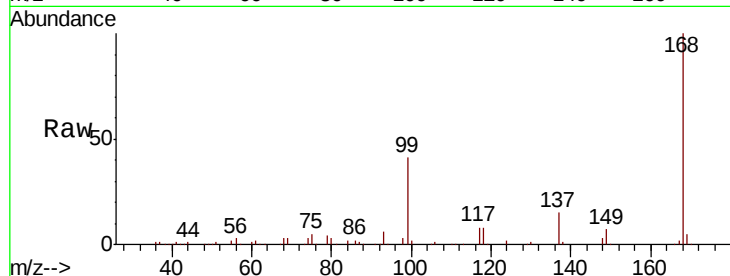
ClientSampleId :

Tot Ion:168 Resp: 112671

Ion Ratio Lower Upper

168 100

99 41.1 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

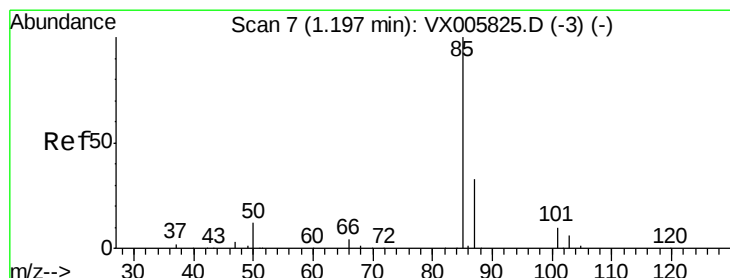
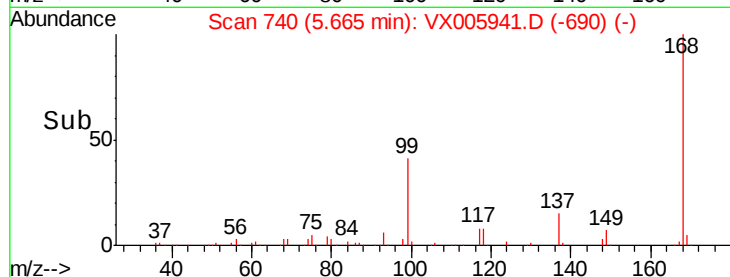
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.271 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005941.D

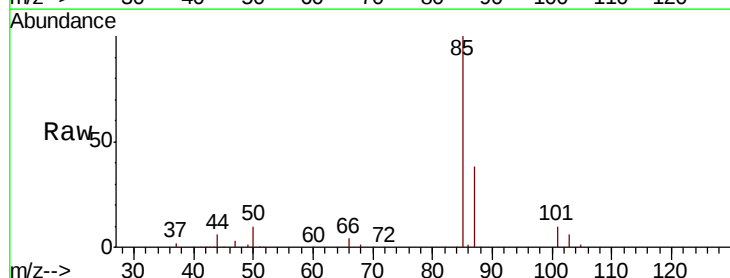
Acq: 13 Nov 2018 11:27

Tgt Ion: 85 Resp: 44973

Ion Ratio Lower Upper

85 100

87 38.5 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

40000

30000

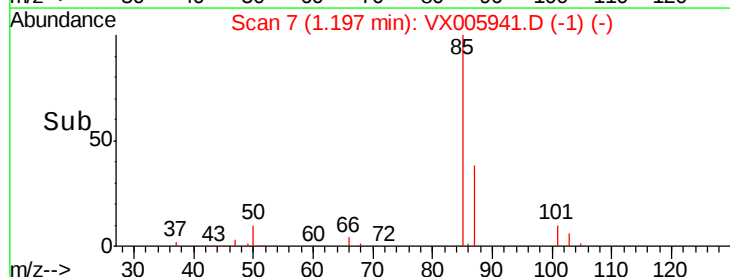
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.632 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

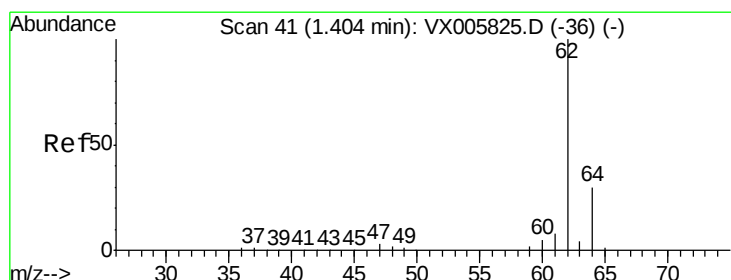
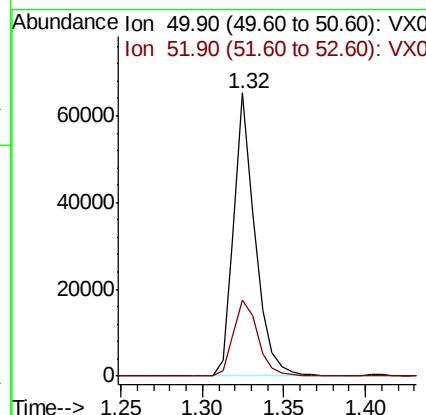
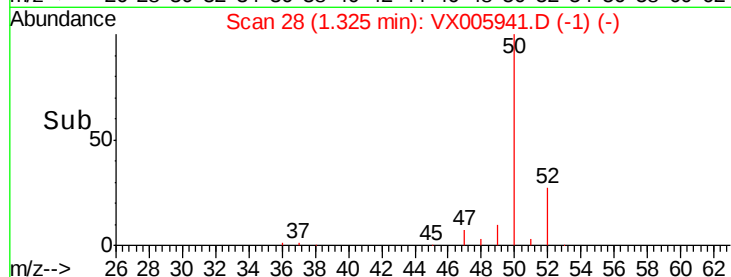
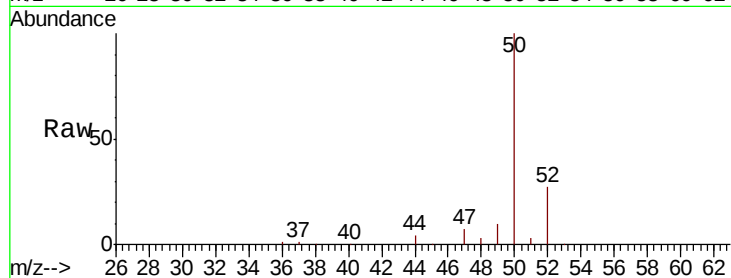
ClientSampleId :

Tot Ion: 50 Resp: 59503

Ion Ratio Lower Upper

50 100

52 26.9 26.2 39.2



#4

Vinyl Chloride

Concen: 41.904 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005941.D

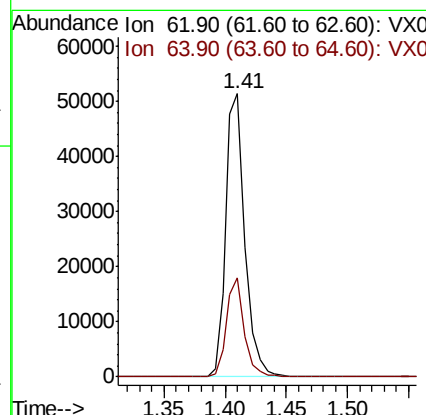
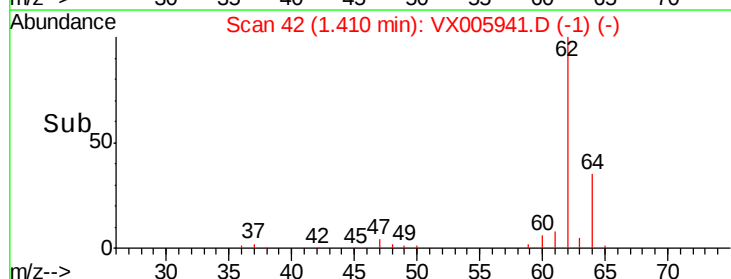
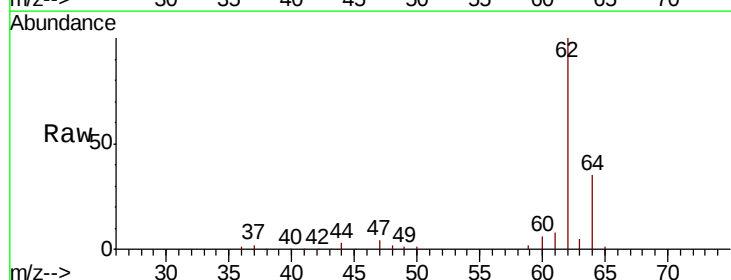
Acq: 13 Nov 2018 11:27

Tgt Ion: 62 Resp: 56084

Ion Ratio Lower Upper

62 100

64 35.2 25.3 37.9





#5

Bromomethane

Concen: 43.088 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

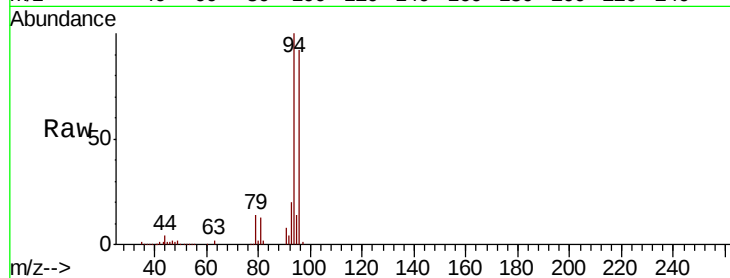
ClientSampleId :

Tot Ion: 94 Resp: 35291

Ion Ratio Lower Upper

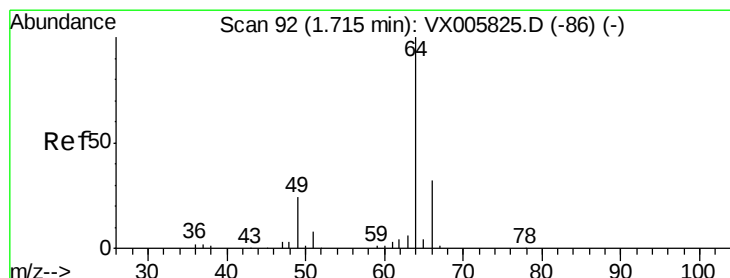
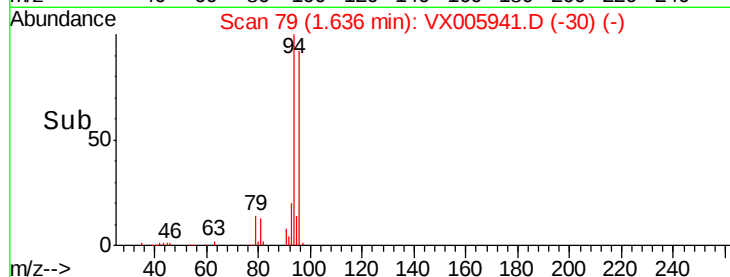
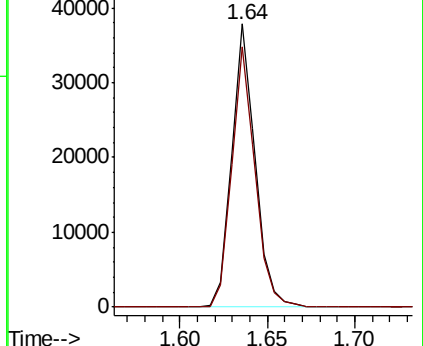
94 100

96 91.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.422 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005941.D

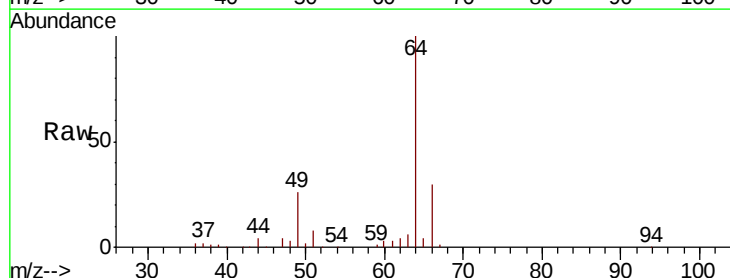
Acq: 13 Nov 2018 11:27

Tgt Ion: 64 Resp: 35474

Ion Ratio Lower Upper

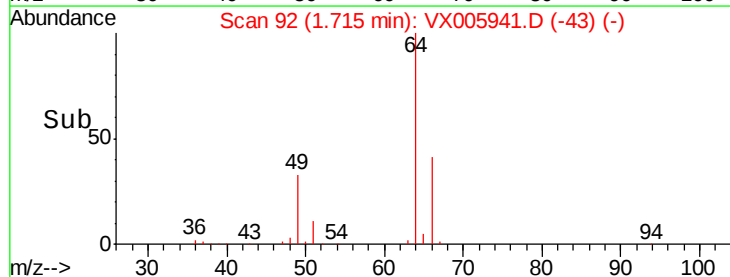
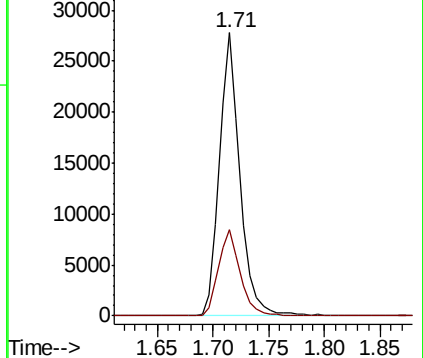
64 100

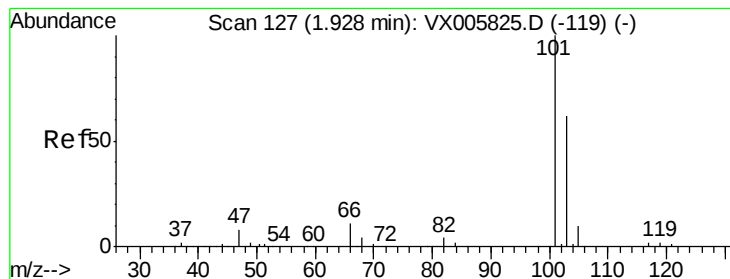
66 30.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



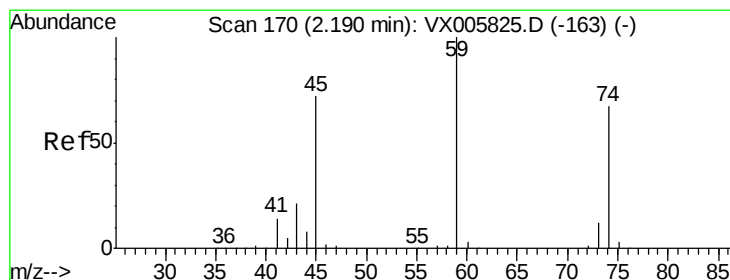
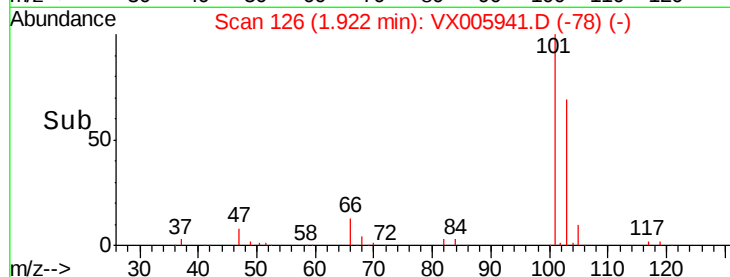
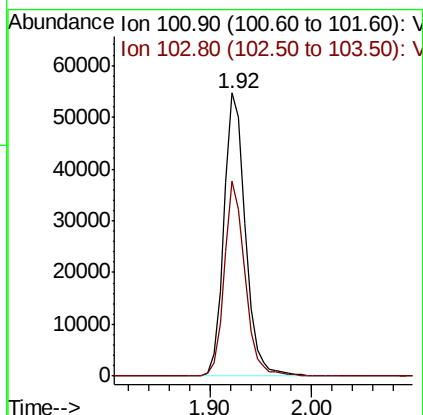
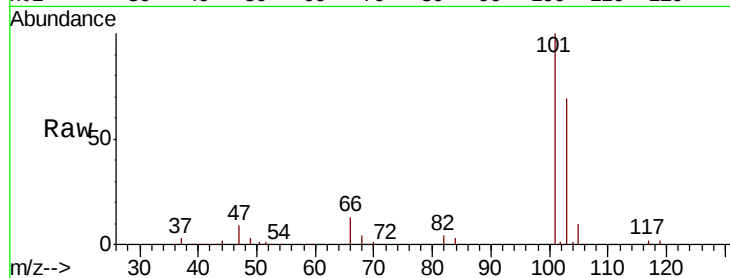


#7

Trichlorofluoromethane
 Concen: 44.918 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Instrument :
 MSVOA_X
 ClientSampled :

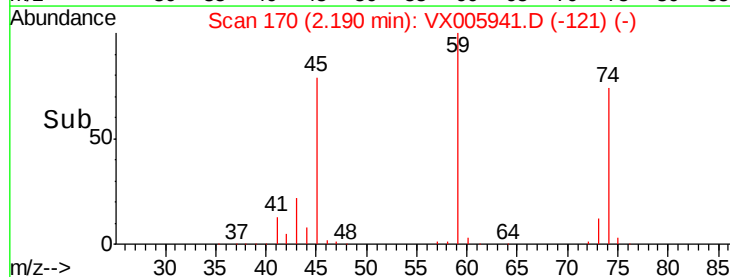
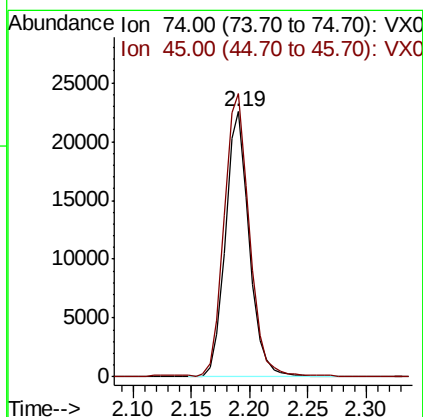
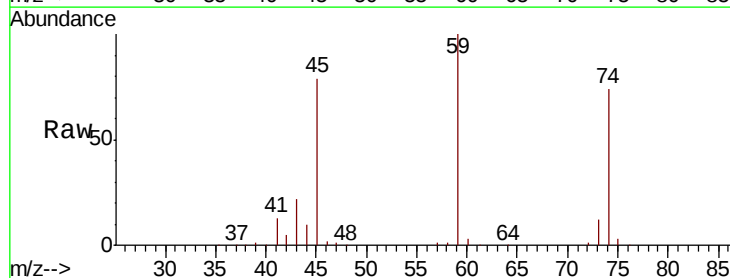
Tot Ion:101 Resp: 79798
 Ion Ratio Lower Upper
 101 100
 103 69.1 50.0 75.0



#8

Diethyl Ether
 Concen: 45.796 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion: 74 Resp: 31880
 Ion Ratio Lower Upper
 74 100
 45 112.4 54.1 162.3

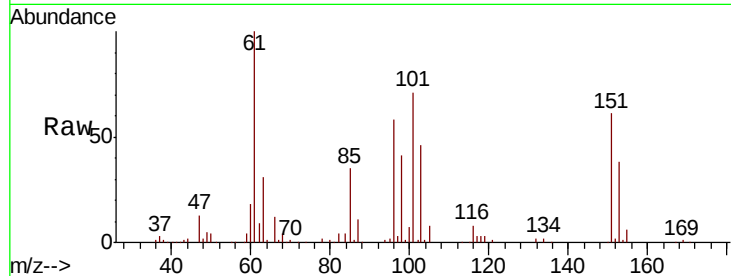




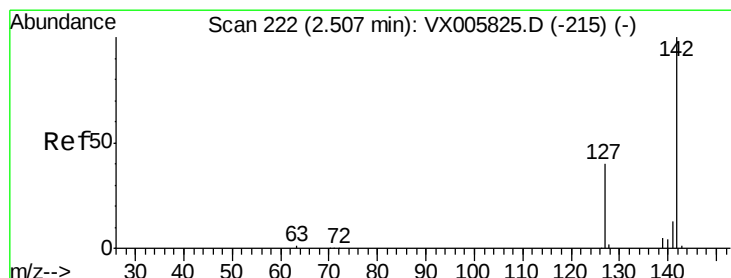
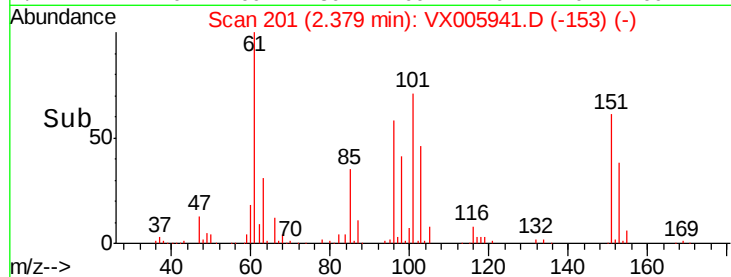
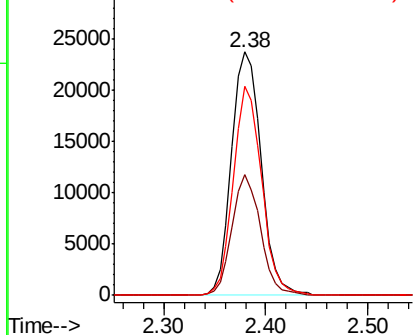
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.669 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 47684
 Ion Ratio Lower Upper
 101 100
 85 47.5 35.0 52.4
 151 82.0 66.2 99.2

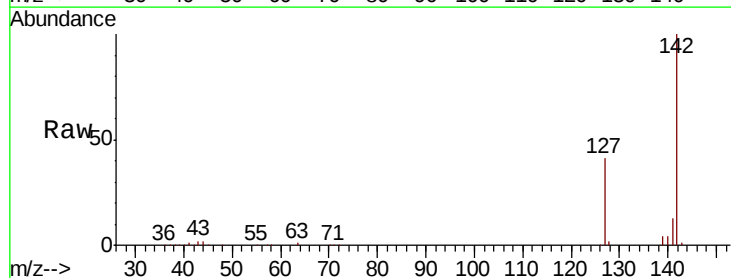


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

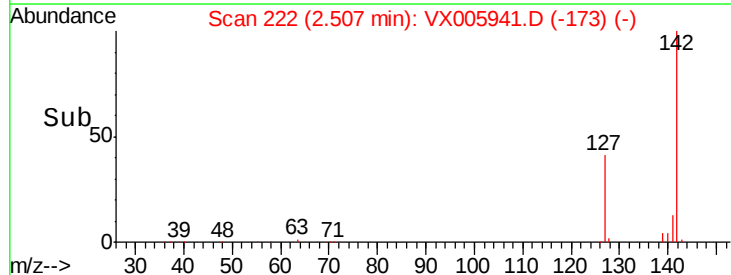
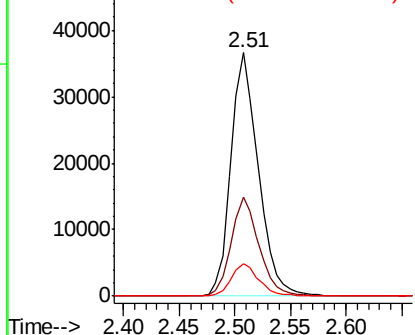


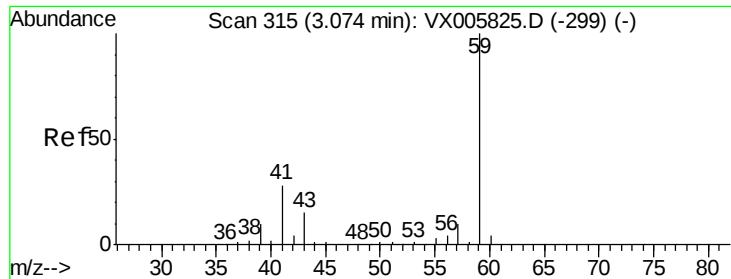
#10
 Methyl Iodide
 Concen: 50.711 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion:142 Resp: 62798
 Ion Ratio Lower Upper
 142 100
 127 41.2 36.0 54.0
 141 13.3 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

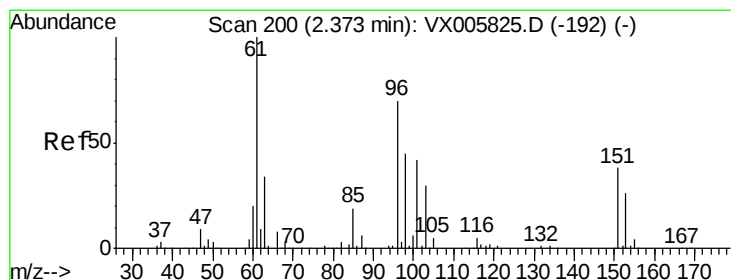
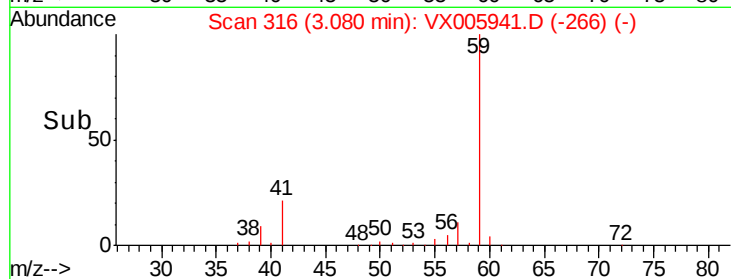
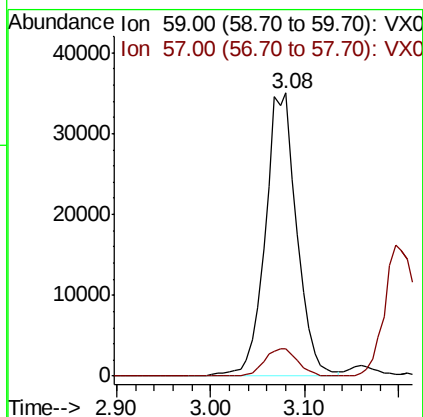
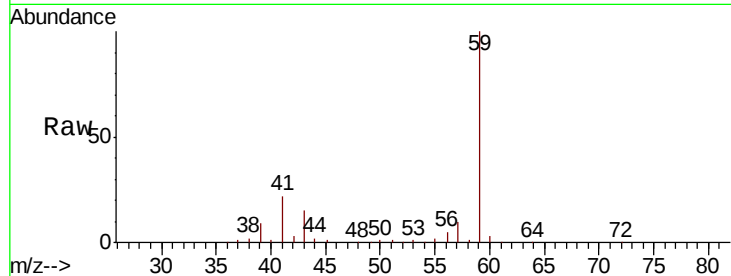




#11
Tert butyl alcohol
Concen: 221.426 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

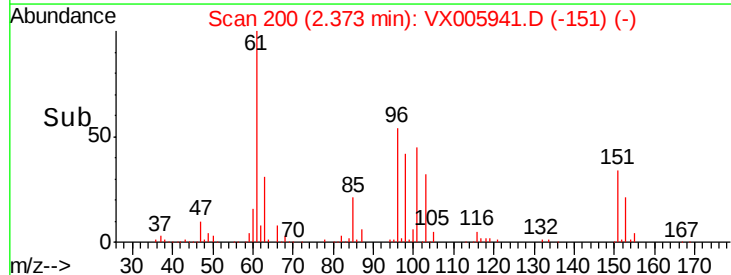
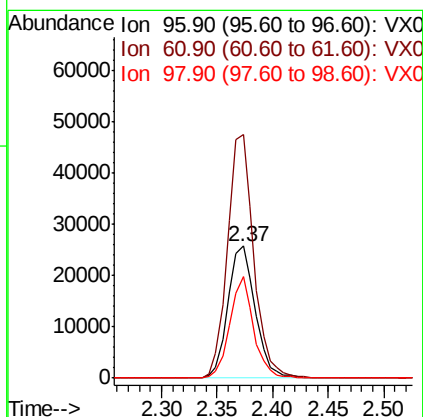
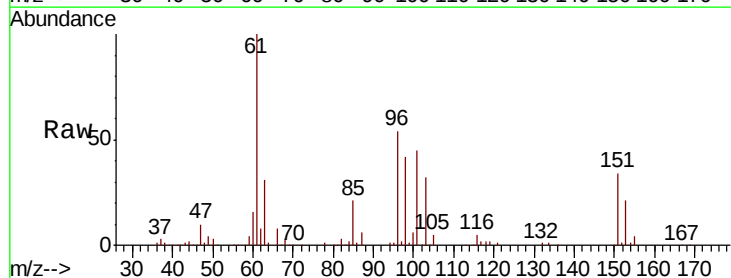
Instrument :
MSVOA_X
ClientSampleId :

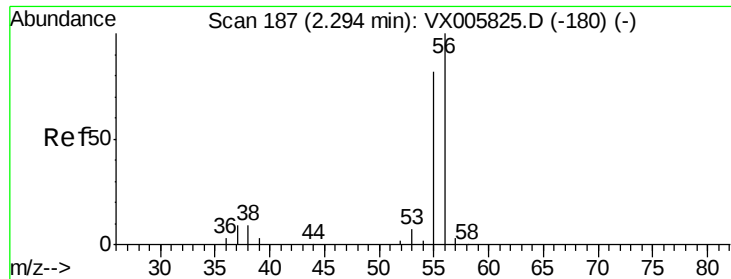
Tot Ion: 59 Resp: 82162
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 43.754 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 96 Resp: 43574
Ion Ratio Lower Upper
96 100
61 184.7 131.8 197.8
98 76.9 53.4 80.2





#13

Acrolein

Concen: 299.067 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

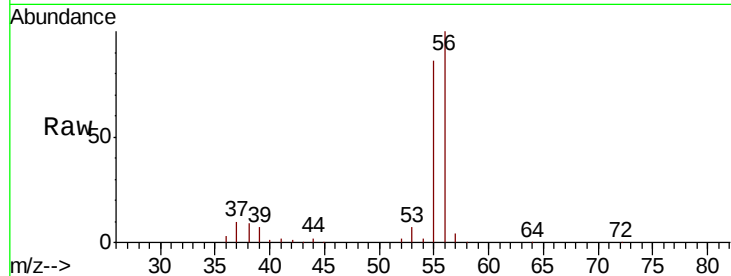
ClientSampleId :

Tot Ion: 56 Resp: 53633

Ion Ratio Lower Upper

56 100

55 76.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

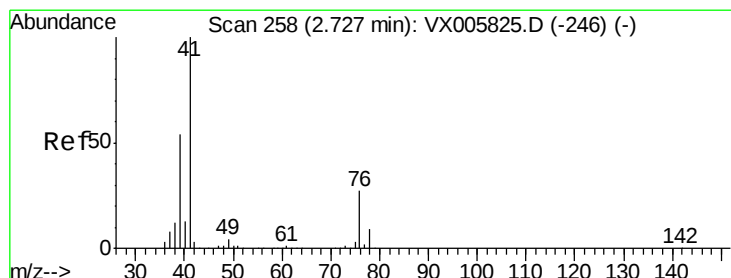
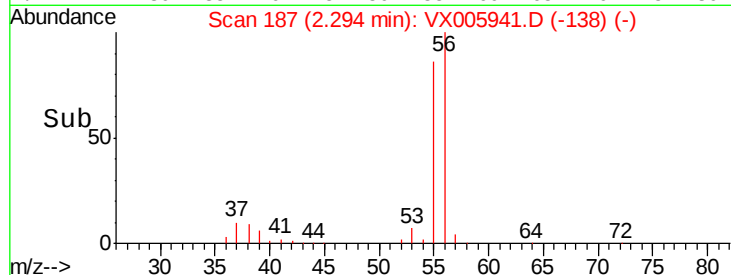
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 47.580 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

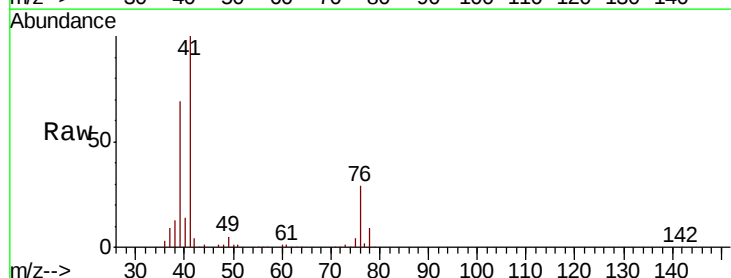
Tgt Ion: 41 Resp: 105828

Ion Ratio Lower Upper

41 100

39 61.4 48.2 72.4

76 26.5 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

80000

60000

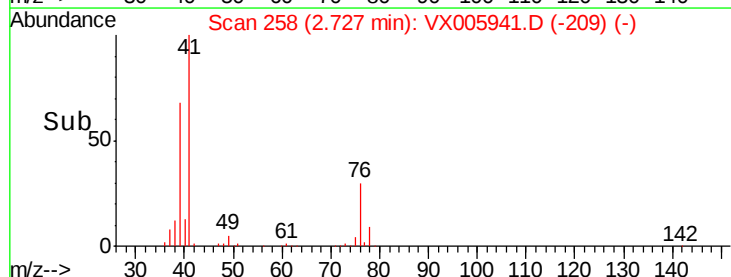
40000

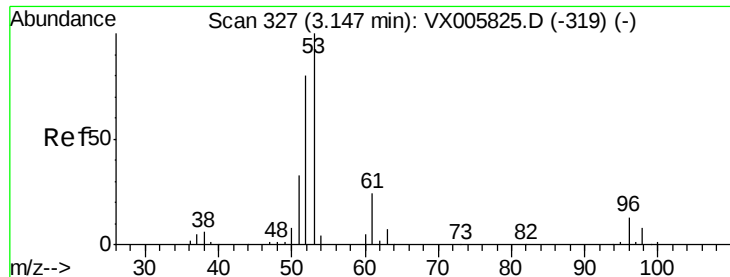
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 241.007 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

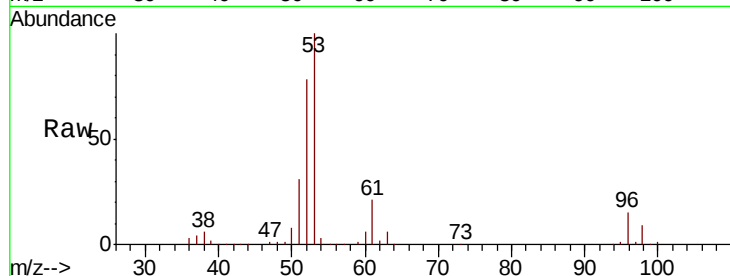
Tot Ion: 53 Resp: 185328

Ion Ratio Lower Upper

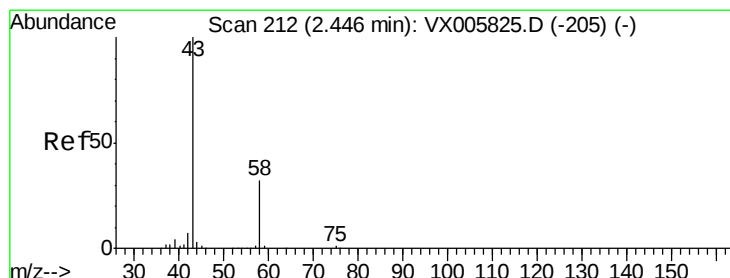
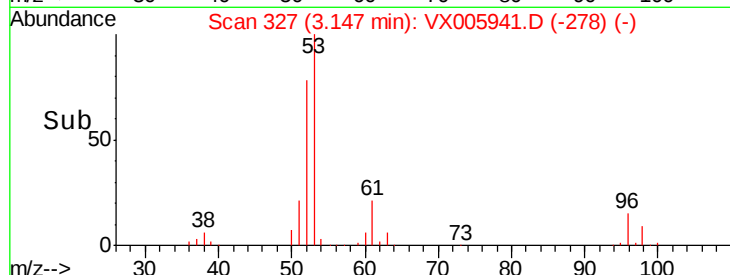
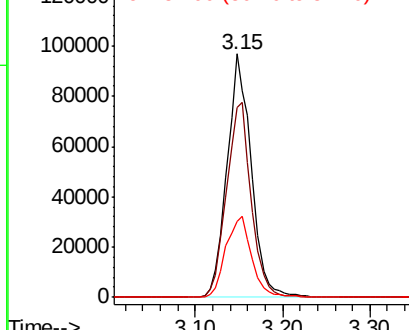
53 100

52 81.9 66.6 99.8

51 35.7 28.4 42.6



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



#16

Acetone

Concen: 251.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005941.D

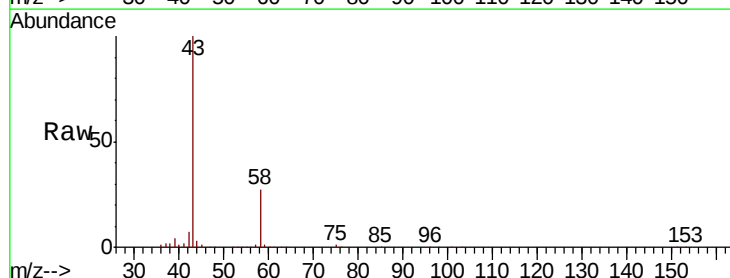
Acq: 13 Nov 2018 11:27

Tgt Ion: 43 Resp: 175737

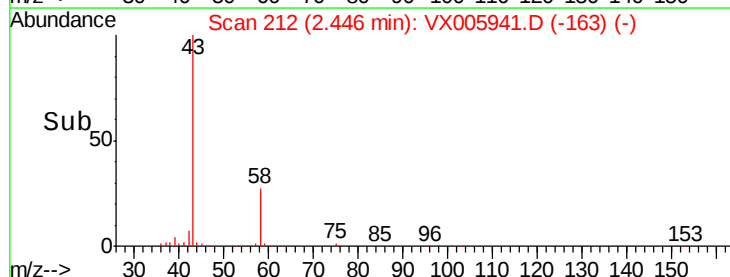
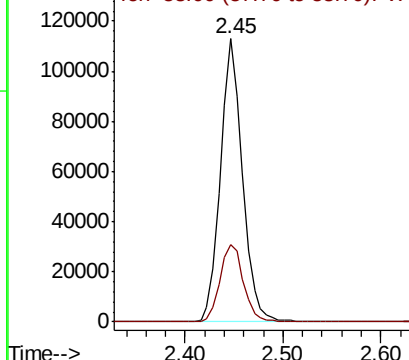
Ion Ratio Lower Upper

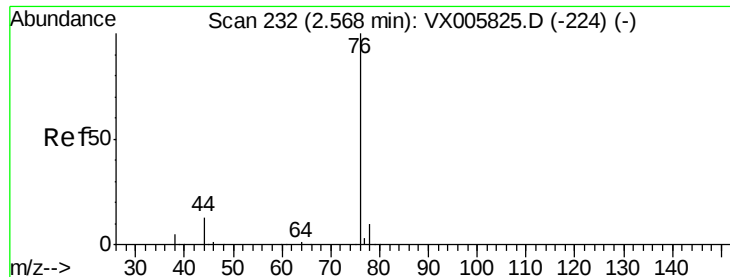
43 100

58 27.4 23.8 35.6



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

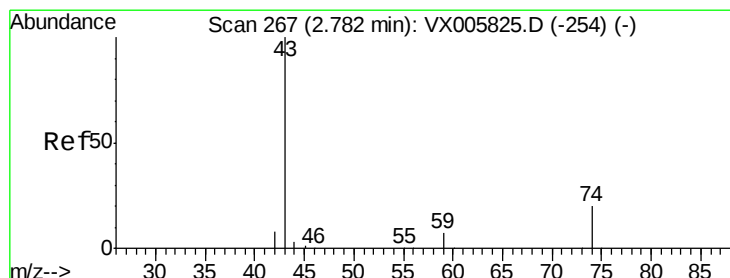
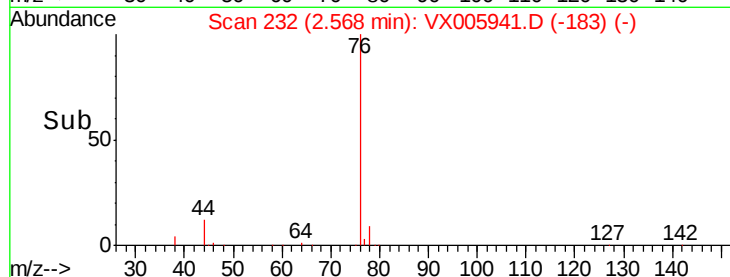
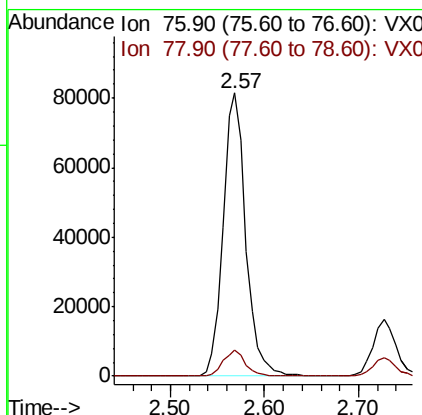
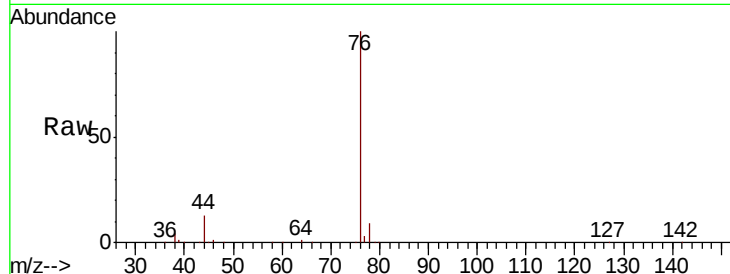




#17
Carbon Disulfide
Concen: 45.571 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

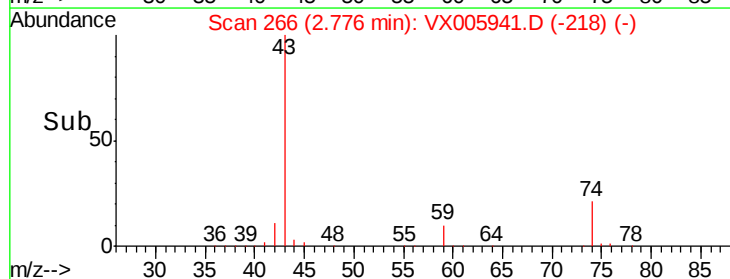
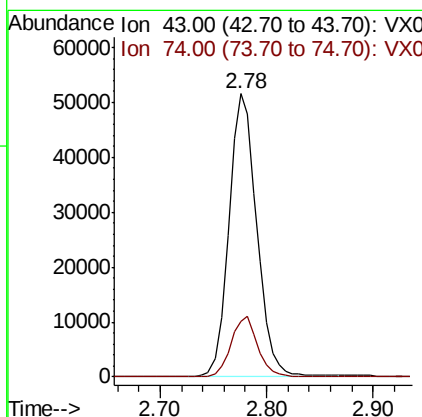
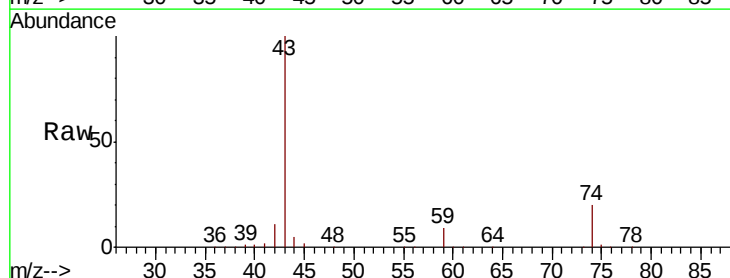
Instrument :
MSVOA_X
ClientSampleId :

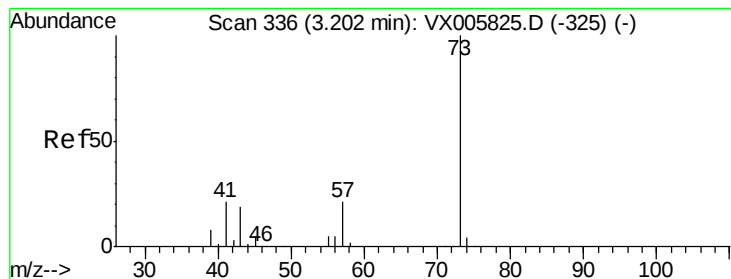
Tot Ion: 76 Resp: 135369
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 50.271 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 43 Resp: 93942
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



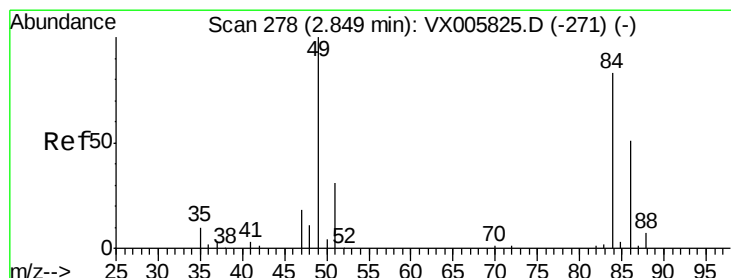
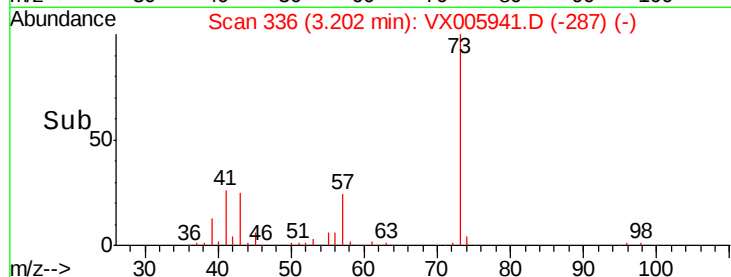
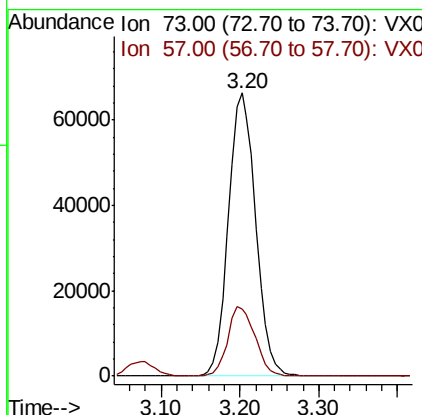
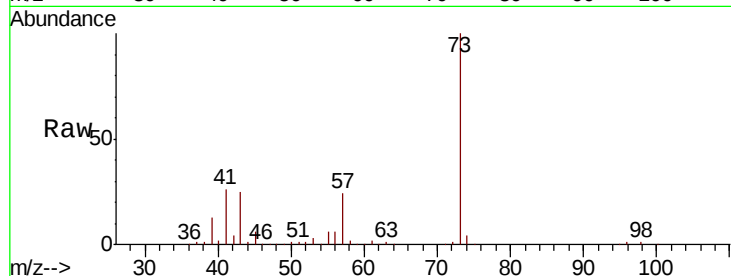


#19

Methyl tert-butyl Ether
 Concen: 46.772 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :

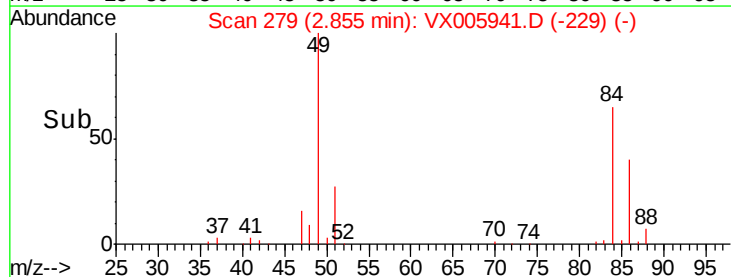
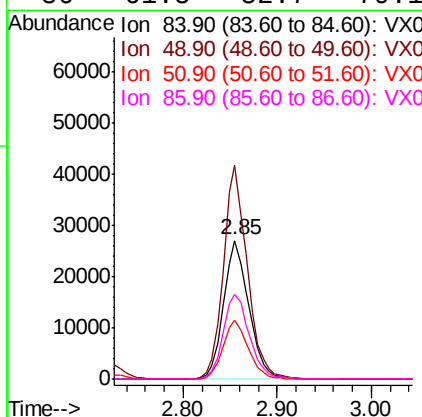
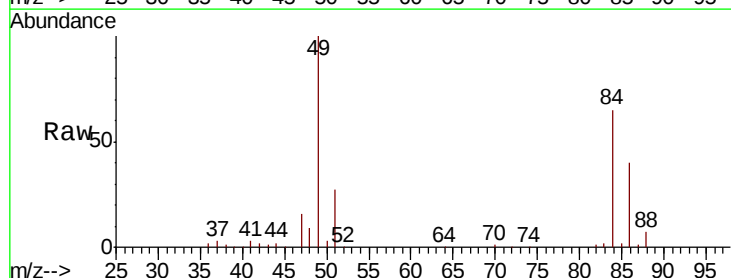
Tot Ion: 73 Resp: 158978
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.8 28.2



#20

Methylene Chloride
 Concen: 43.737 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion: 84 Resp: 50106
 Ion Ratio Lower Upper
 84 100
 49 154.3 109.5 164.3
 51 42.4 33.3 49.9
 86 61.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 46.965 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

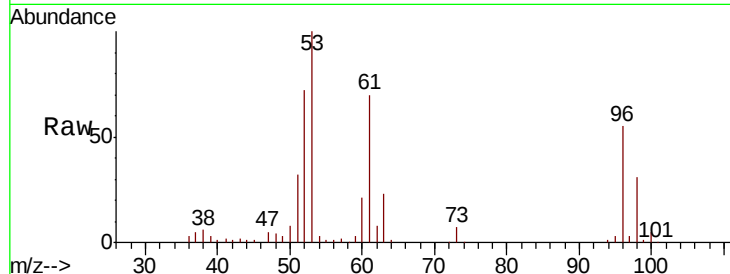
Tot Ion: 96 Resp: 49333

Ion Ratio Lower Upper

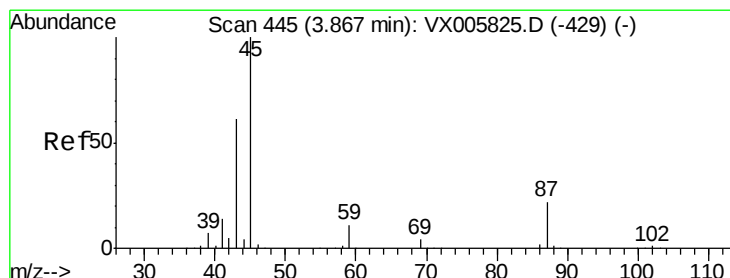
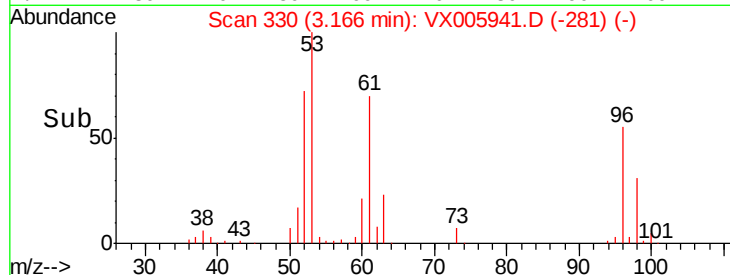
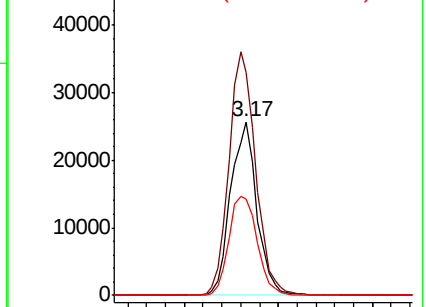
96 100

61 128.6 115.6 173.4

98 55.8 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: 48.846 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Tgt Ion: 45 Resp: 190320

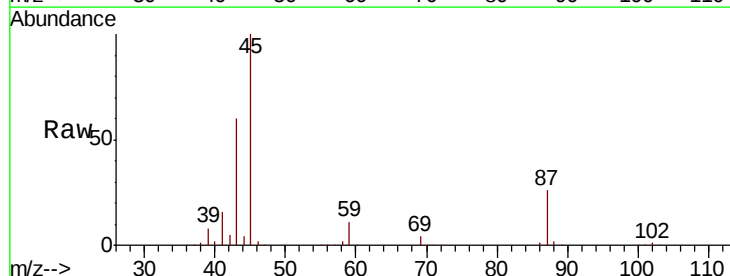
Ion Ratio Lower Upper

45 100

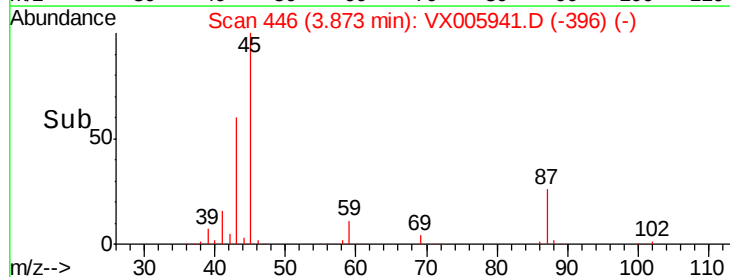
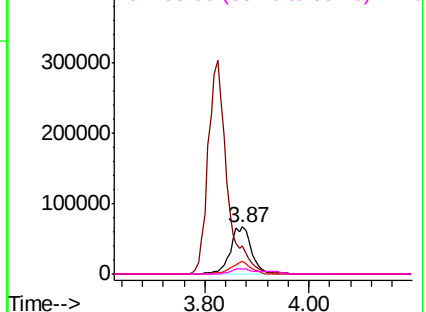
43 59.8 47.4 71.2

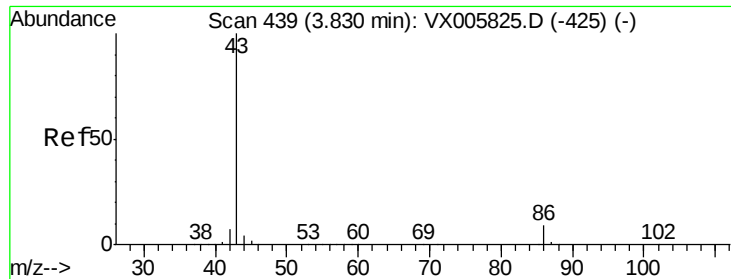
87 26.1 15.9 23.9#

59 11.4 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: 229.590 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

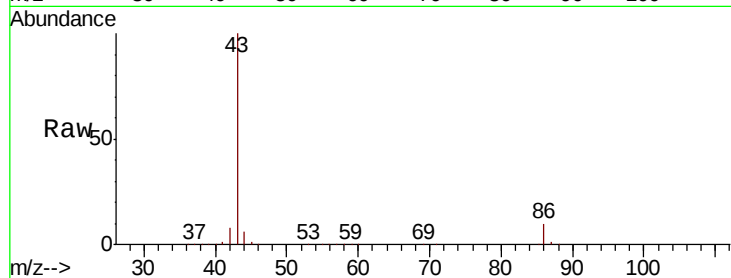
ClientSampleId :

Tot Ion: 43 Resp: 767010

Ion Ratio Lower Upper

43 100

86 10.3 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

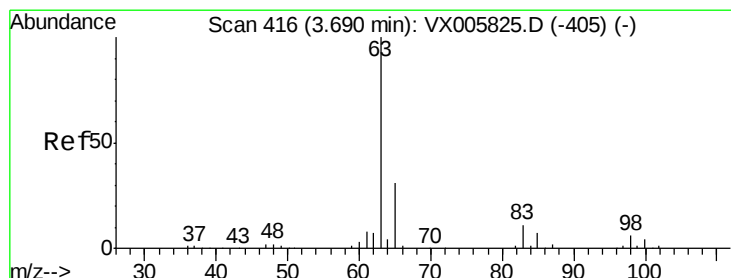
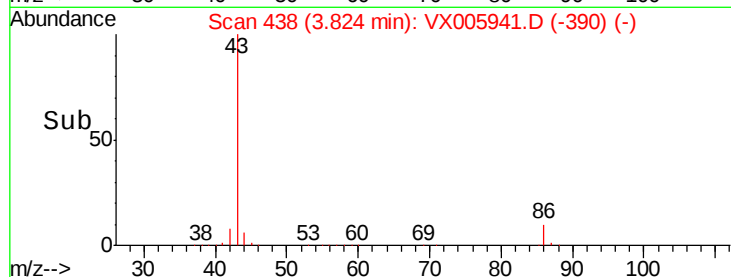
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.581 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

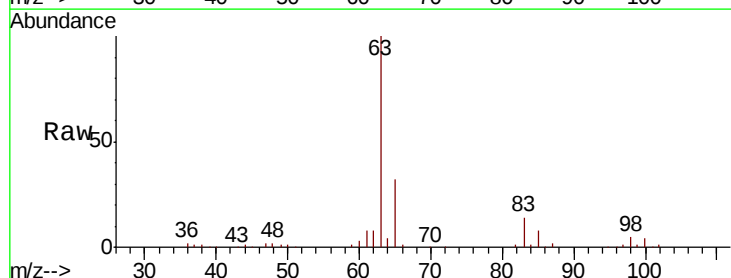
Tgt Ion: 63 Resp: 96832

Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 4.2 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) (-)

3.69

50000

40000

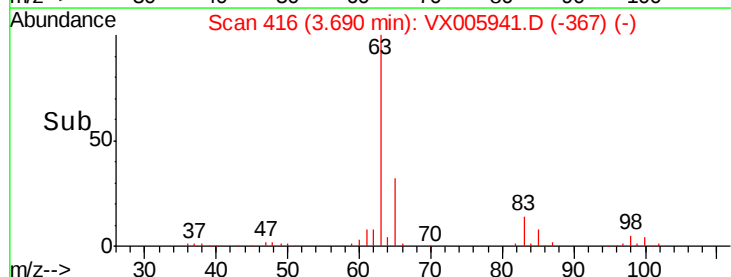
30000

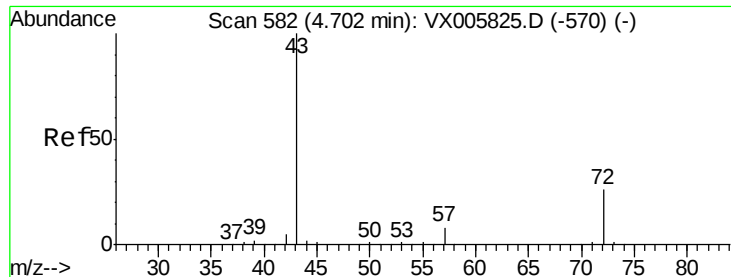
20000

10000

0

Time-->





#25

2-Butanone

Concen: 234.049 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

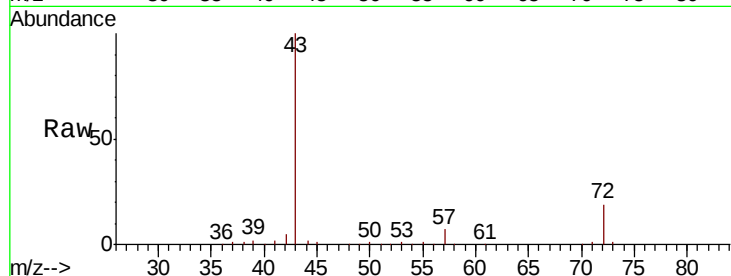
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 256625

Ion Ratio Lower Upper

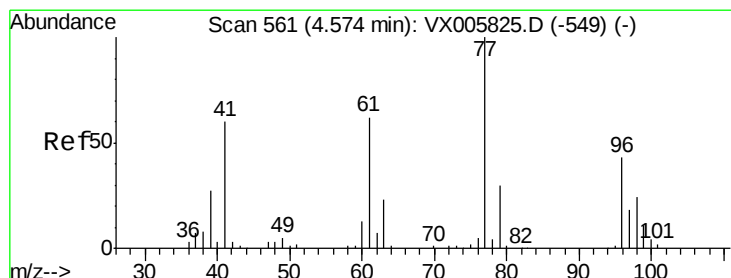
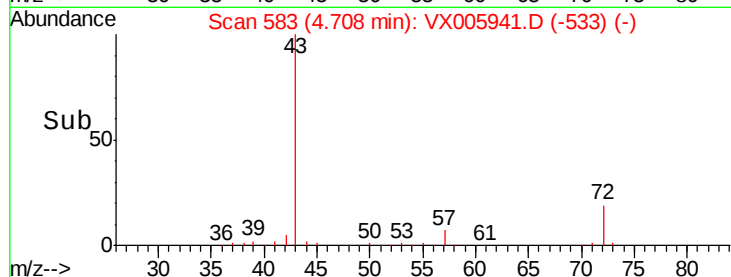
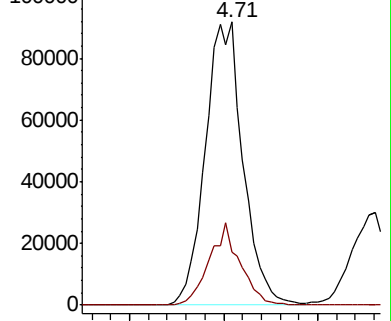
43 100

72 18.8 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.732 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005941.D

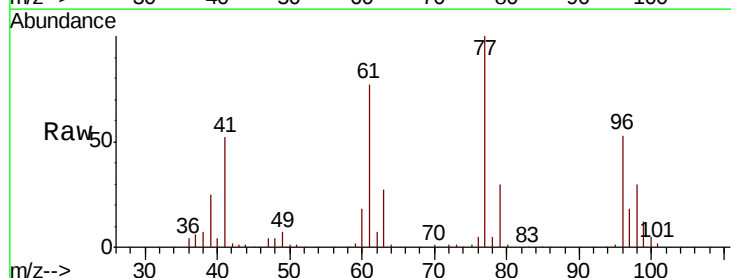
Acq: 13 Nov 2018 11:27

Tgt Ion: 77 Resp: 77361

Ion Ratio Lower Upper

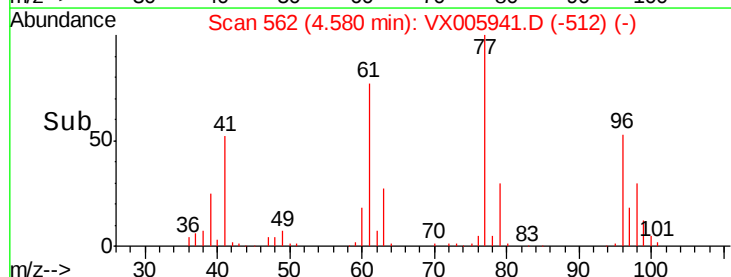
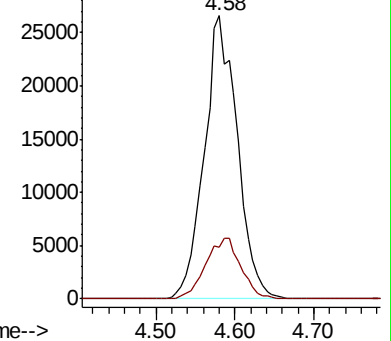
77 100

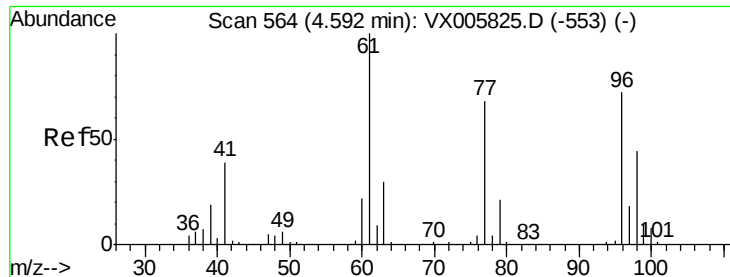
97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



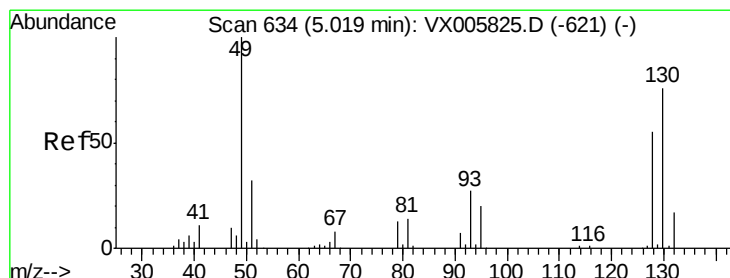
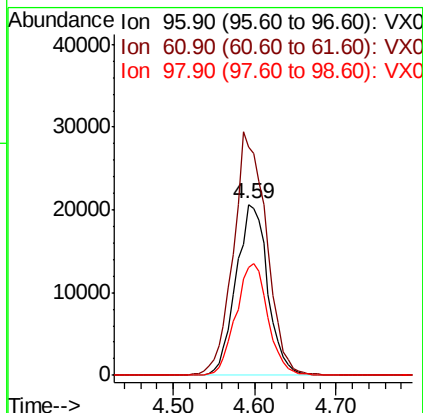
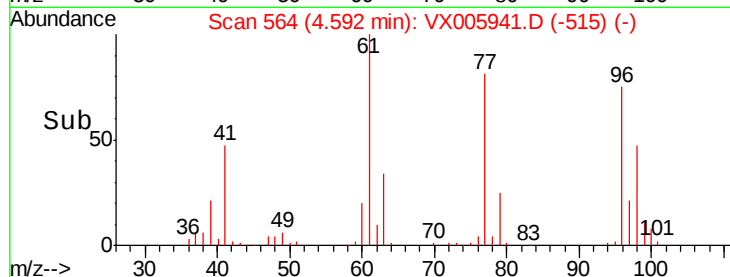
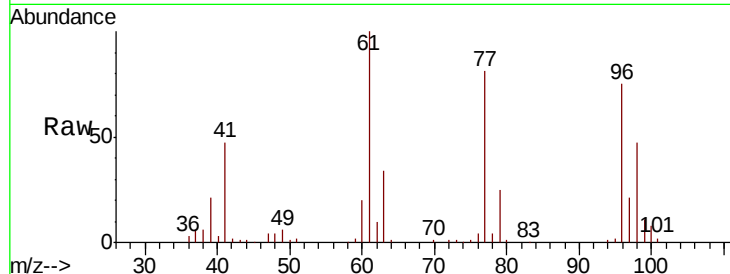


#27

cis-1,2-Dichloroethene
Concen: 48.004 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

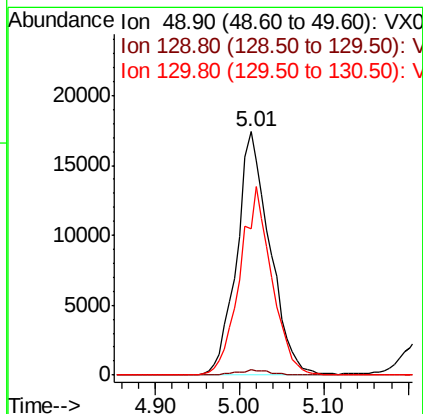
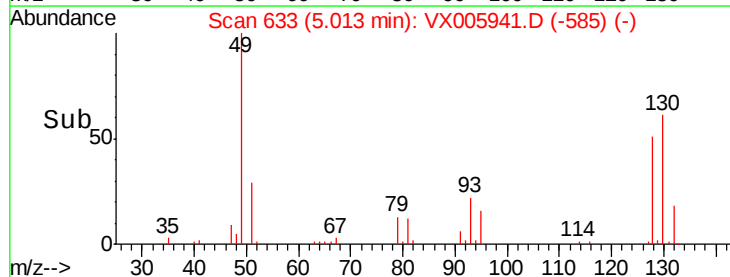
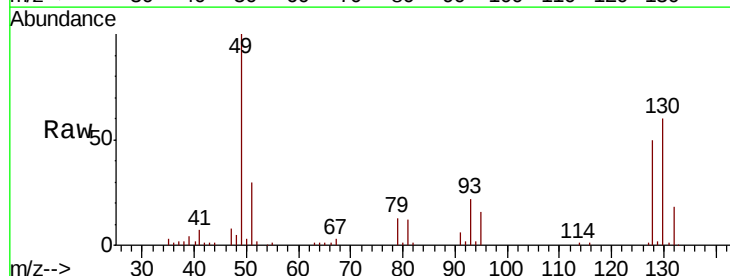
Tot Ion: 96 Resp: 55678
Ion Ratio Lower Upper
96 100
61 148.7 0.0 304.6
98 66.0 0.0 127.4

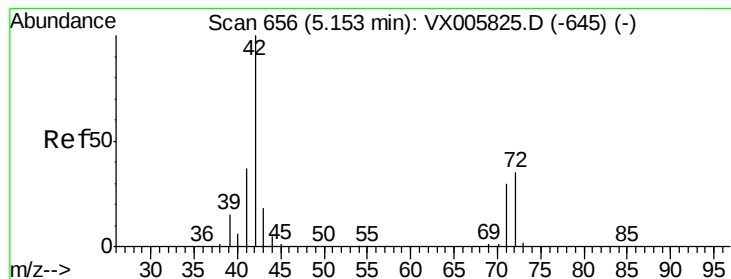


#28

Bromochloromethane
Concen: 49.818 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 49 Resp: 46283
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.6 58.9 88.3





#29

Tetrahydrofuran

Concen: 236.240 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampled :

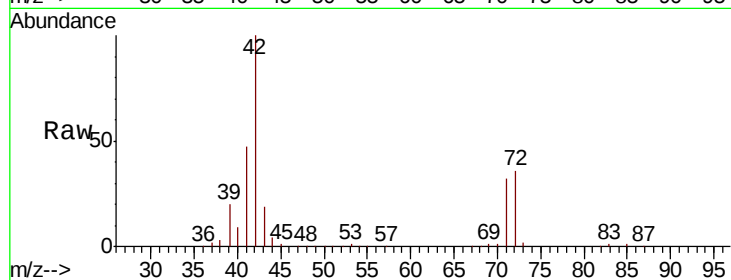
Tot Ion: 42 Resp: 166315

Ion Ratio Lower Upper

42 100

72 39.2 32.0 48.0

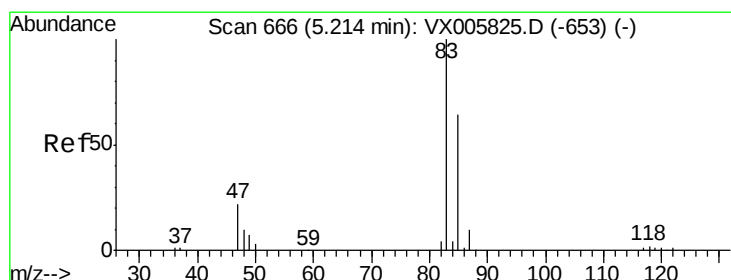
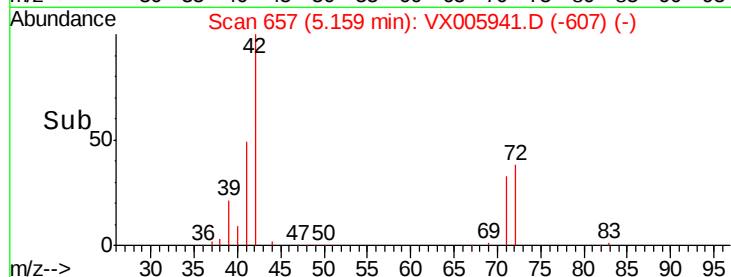
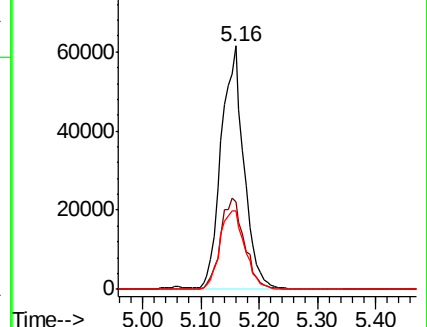
71 35.9 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.890 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005941.D

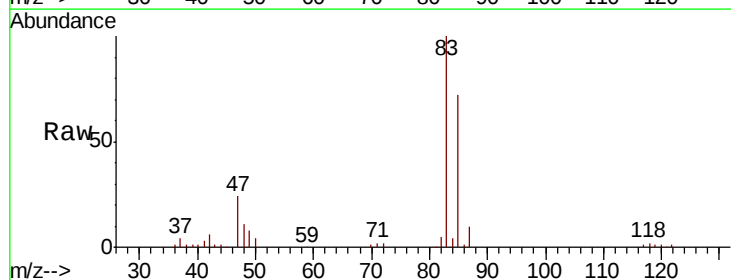
Acq: 13 Nov 2018 11:27

Tgt Ion: 83 Resp: 88023

Ion Ratio Lower Upper

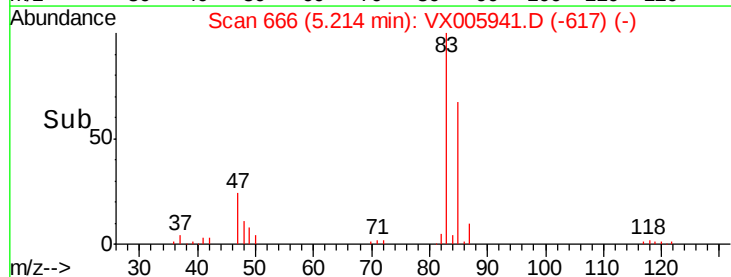
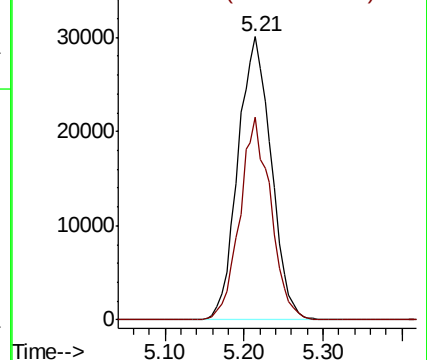
83 100

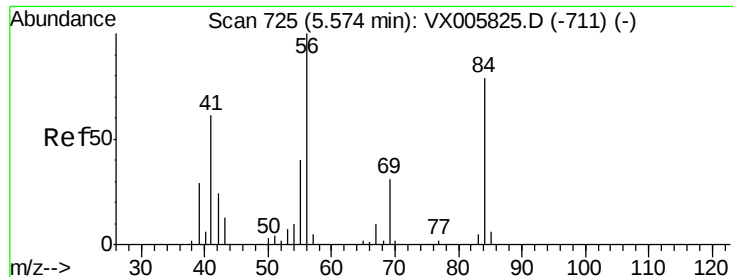
85 71.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

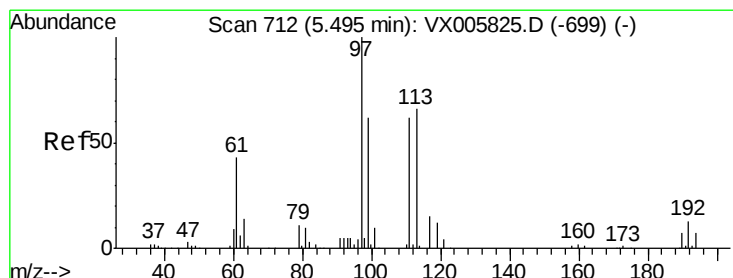
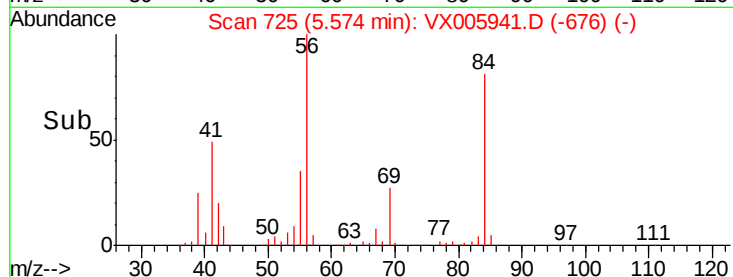
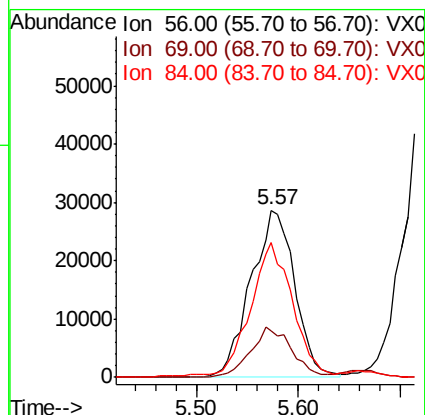
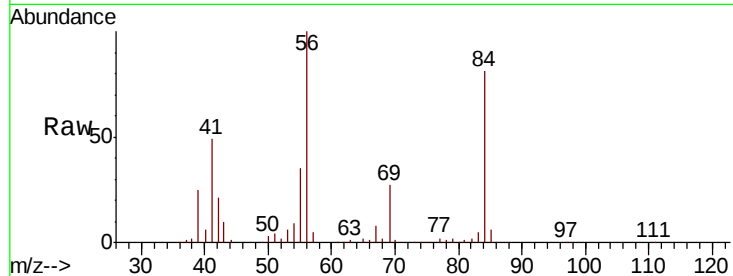




#31
Cyclohexane
Concen: 47.460 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

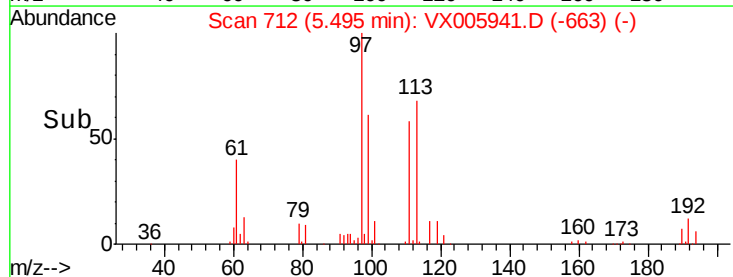
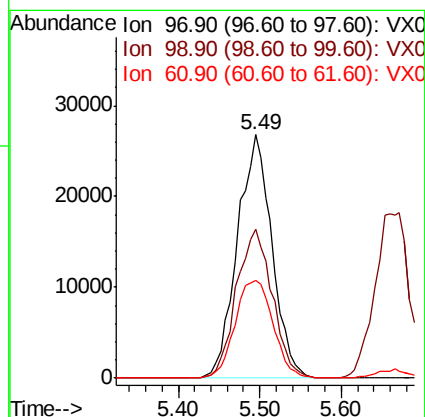
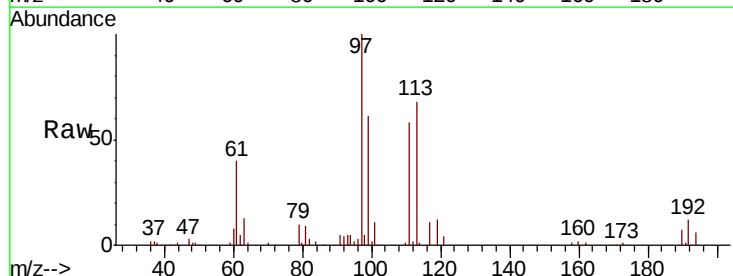
Instrument :
MSVOA_X
ClientSampleId :

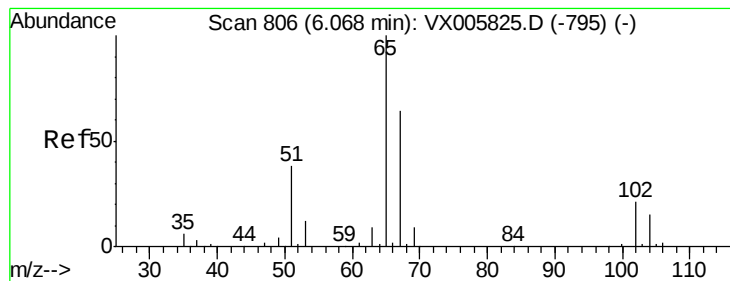
Tot Ion: 56 Resp: 85641
Ion Ratio Lower Upper
56 100
69 27.5 22.6 34.0
84 79.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 47.068 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 97 Resp: 78736
Ion Ratio Lower Upper
97 100
99 63.5 52.3 78.5
61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.217 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

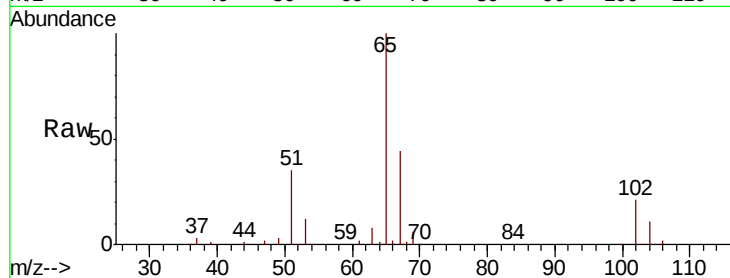
ClientSampleId :

Tot Ion: 65 Resp: 58569

Ion Ratio Lower Upper

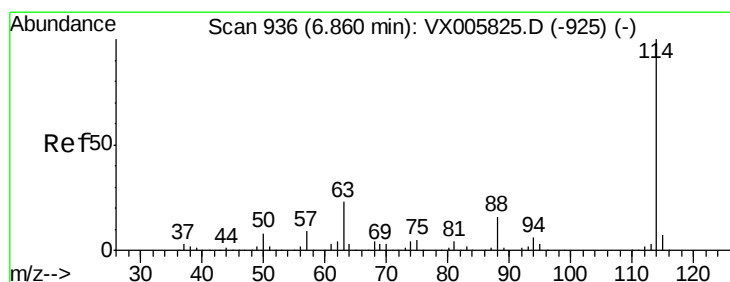
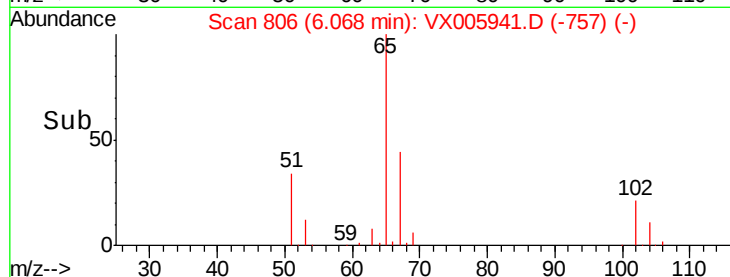
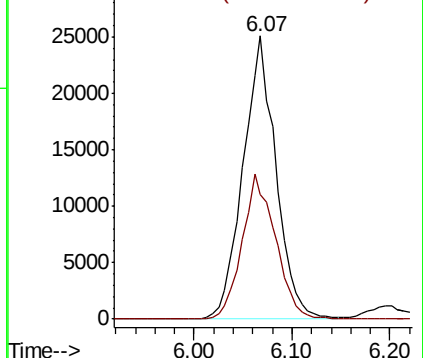
65 100

67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

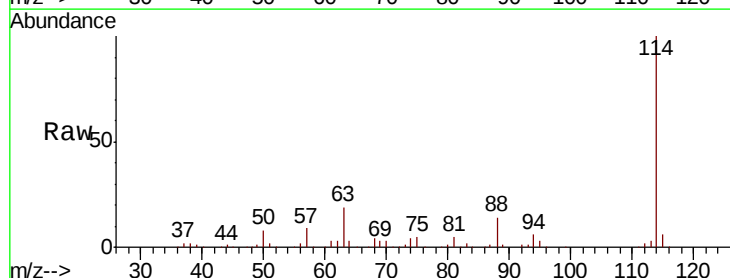
Tgt Ion: 114 Resp: 151087

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

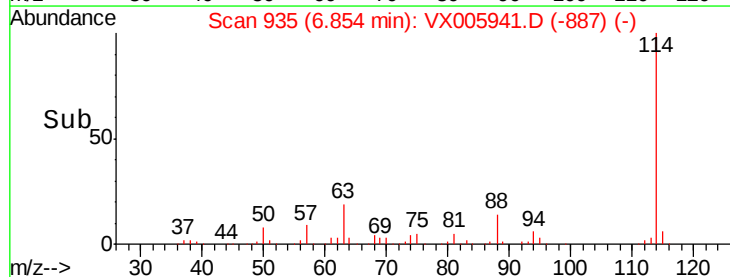
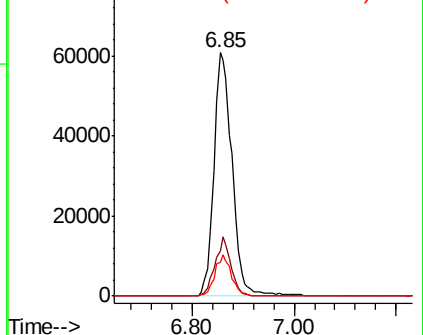
88 13.7 0.0 31.2

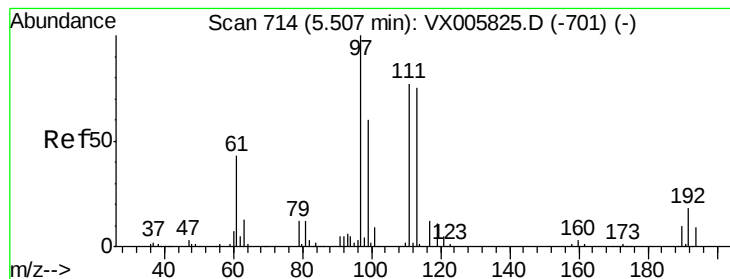


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.075 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

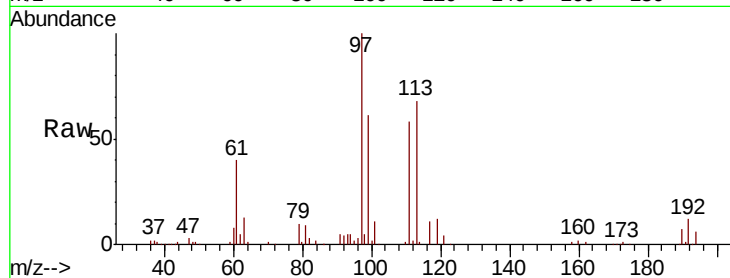
Tot Ion:113 Resp: 47348

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

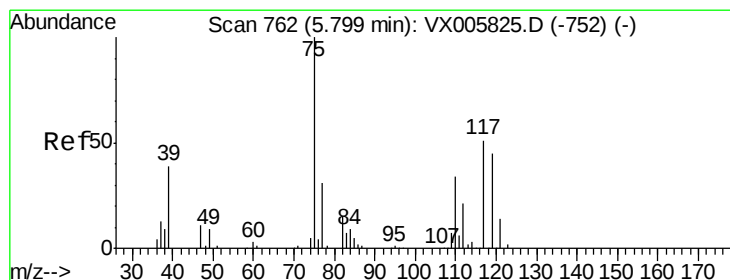
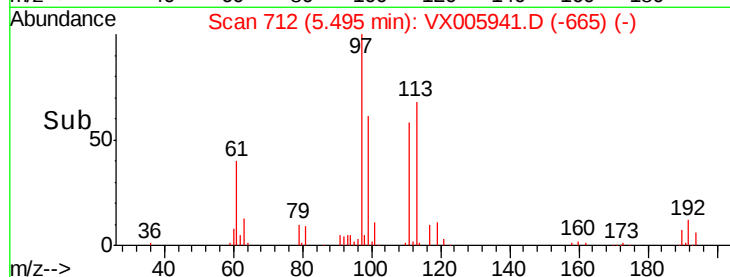
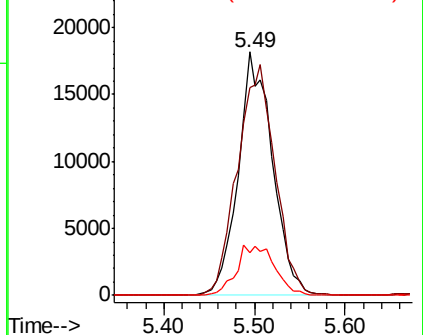
192 22.7 17.9 26.9



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: 46.289 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

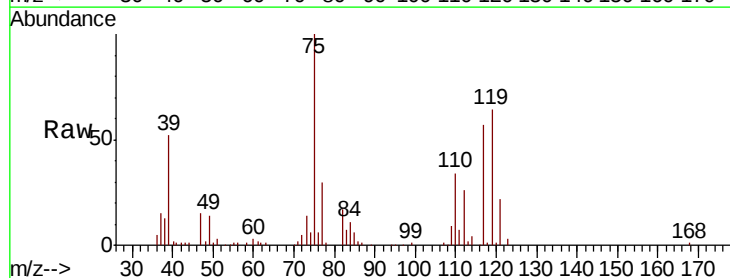
Tgt Ion: 75 Resp: 67421

Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.2

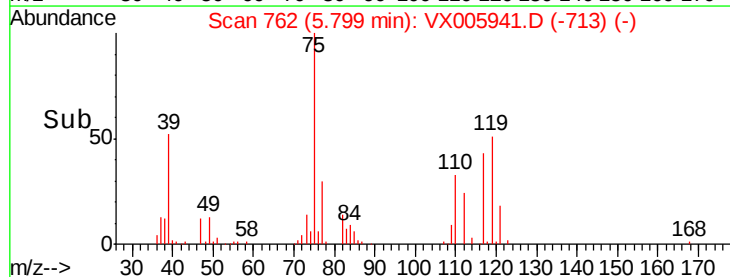
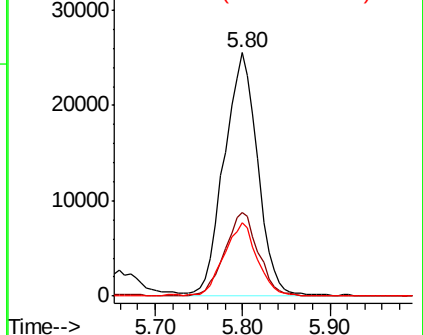
77 30.3 25.8 38.6

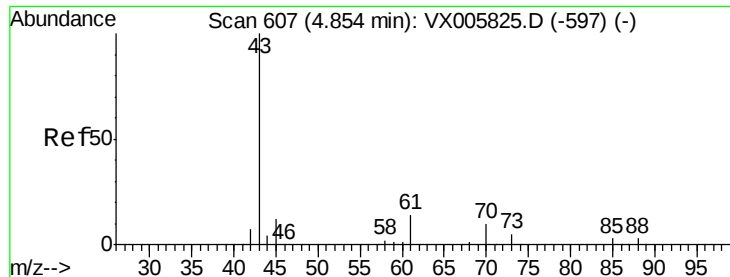


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

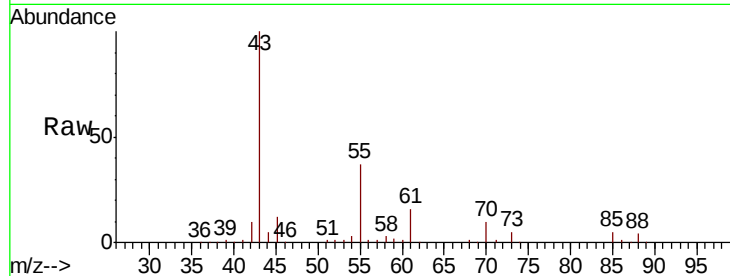




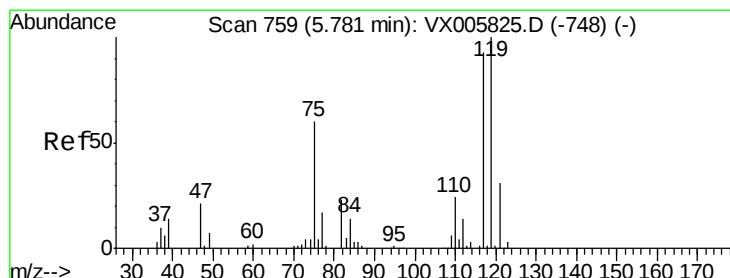
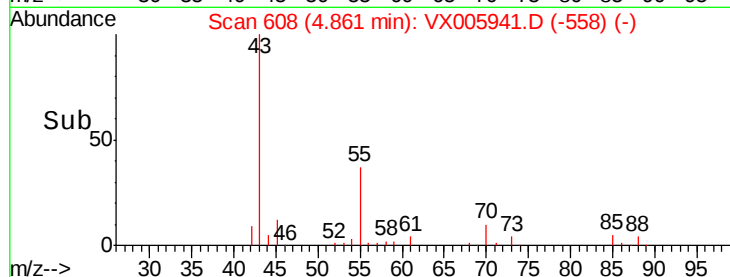
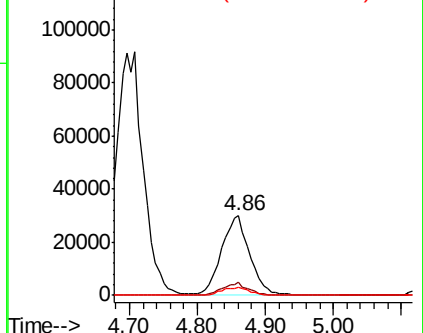
#37
Ethyl Acetate
Concen: 44.870 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 85941
Ion Ratio Lower Upper
43 100
61 14.3 10.8 16.2
70 10.1 7.8 11.8

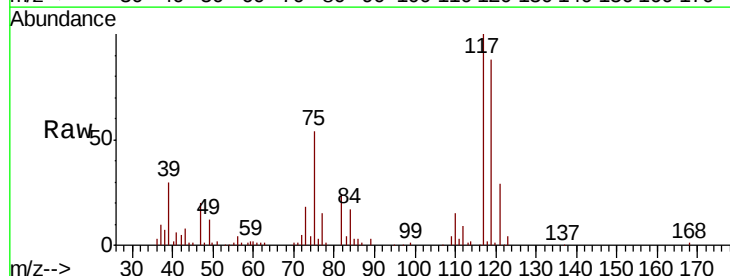


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

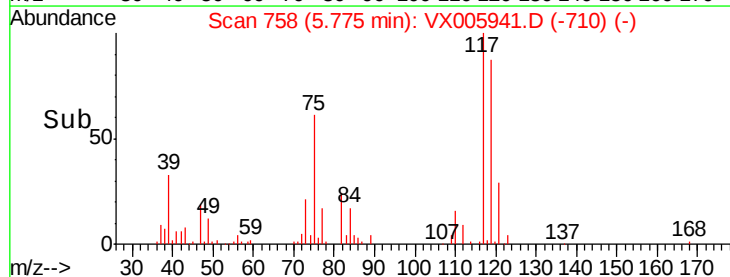
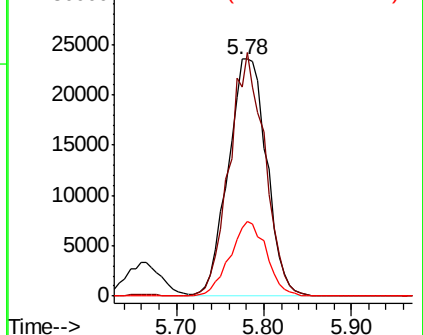


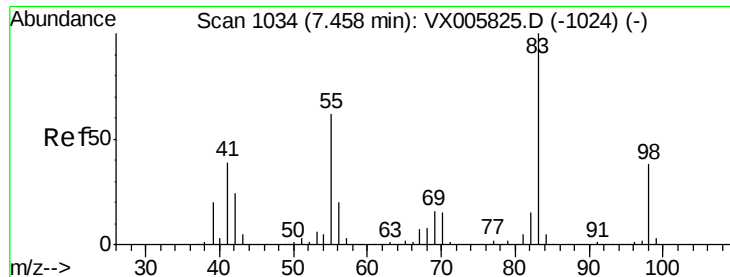
#38
Carbon Tetrachloride
Concen: 49.297 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 117 Resp: 71882
Ion Ratio Lower Upper
117 100
119 88.4 78.1 117.1
121 29.0 24.6 36.8



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

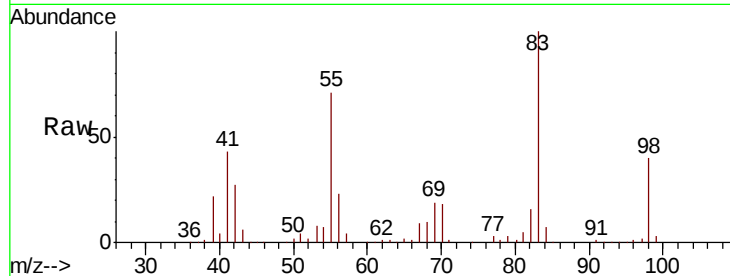




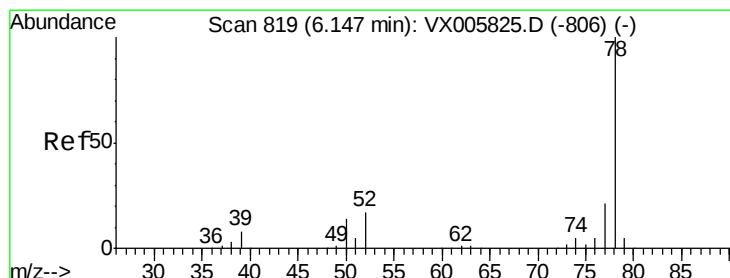
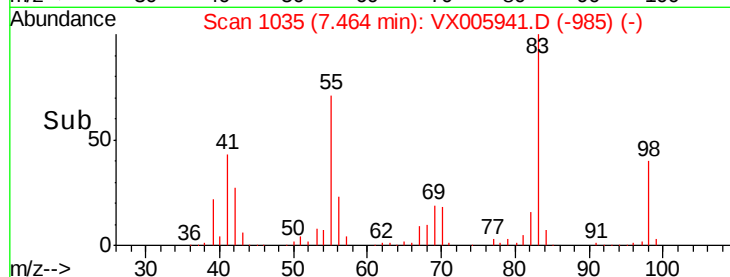
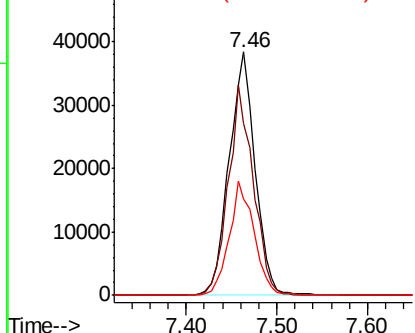
#39
Methvlcvclohexane
Concen: 51.864 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 76563
Ion Ratio Lower Upper
83 100
55 70.6 63.7 95.5
98 39.7 36.2 54.2

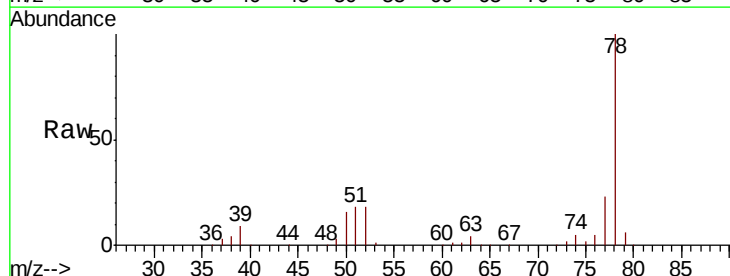


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

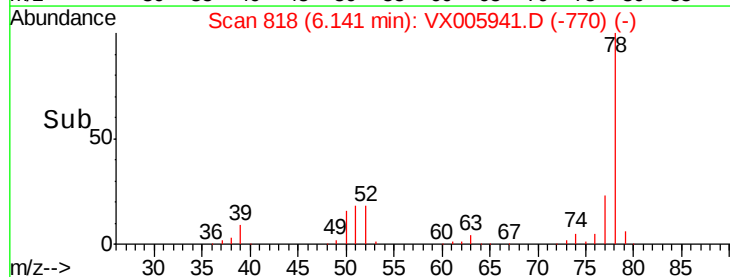
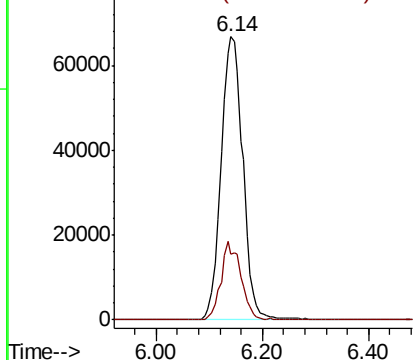


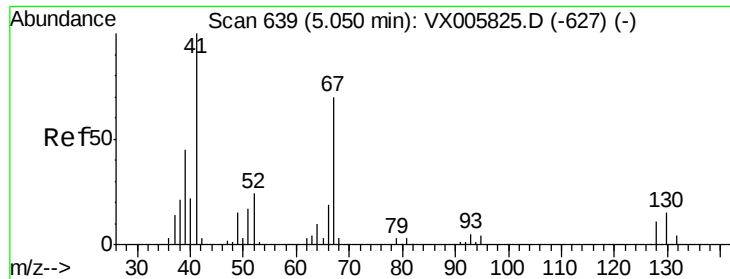
#40
Benzene
Concen: 45.093 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 78 Resp: 191466
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6



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

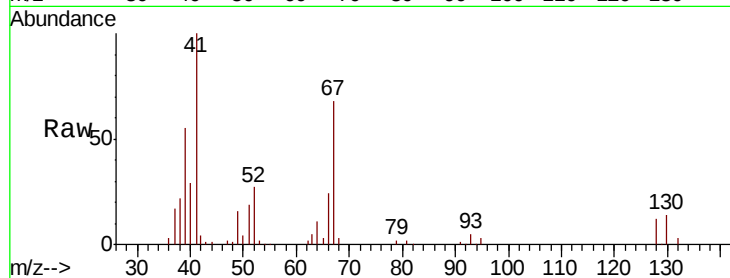




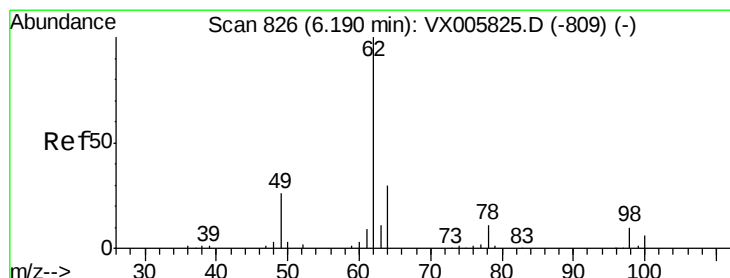
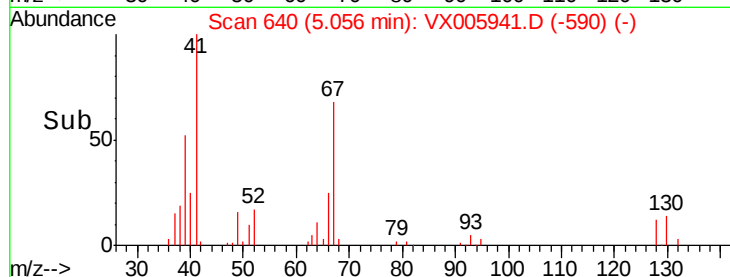
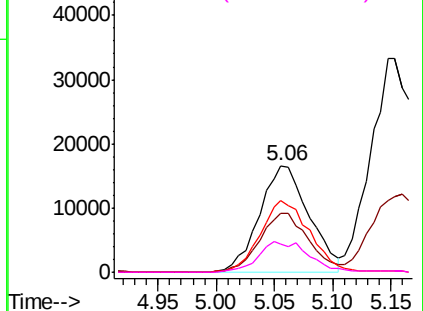
#41
Methacrylonitrile
Concen: 47.273 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	48925
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.2	63.2
67	67.0	53.4	80.0
52	29.5	23.4	35.2

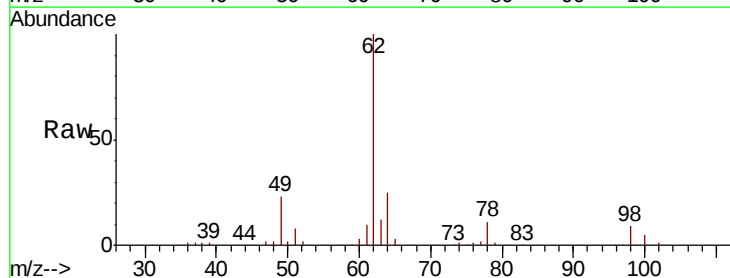


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

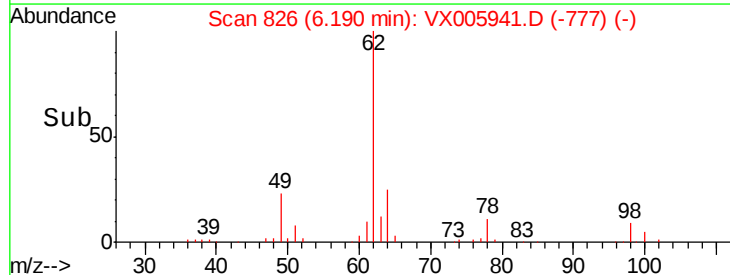
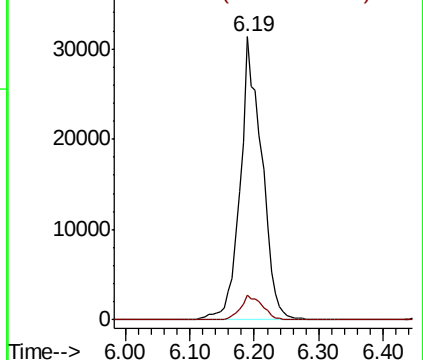


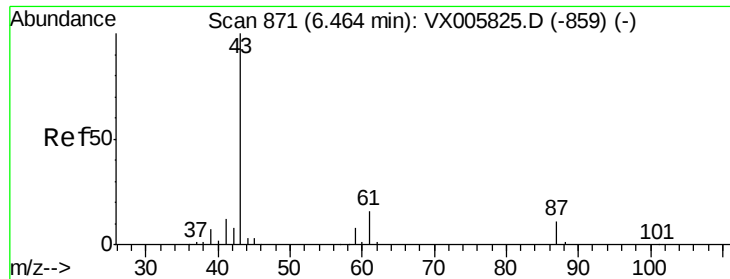
#42
1,2-Dichloroethane
Concen: 47.625 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:	62	Resp:	72430
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 45.937 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

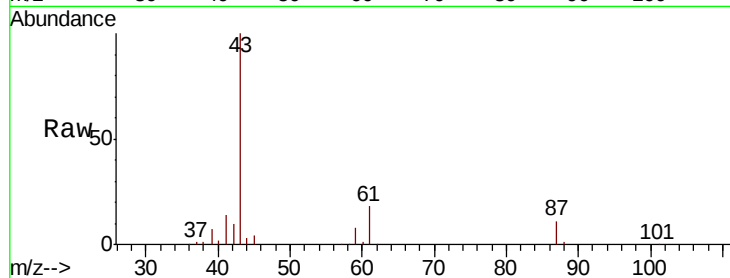
Tot Ion: 43 Resp: 127493

Ion Ratio Lower Upper

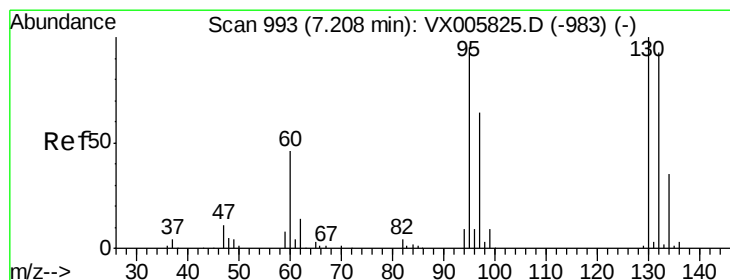
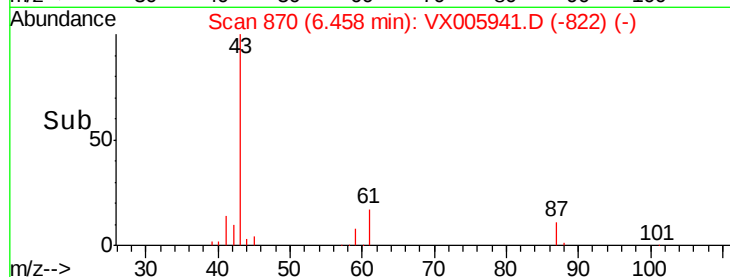
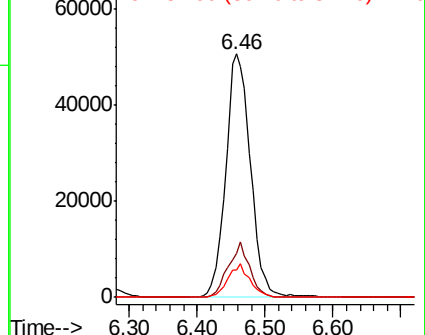
43 100

61 19.8 14.6 22.0

87 12.2 9.6 14.4



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



#44

Trichloroethene

Concen: 46.989 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX005941.D

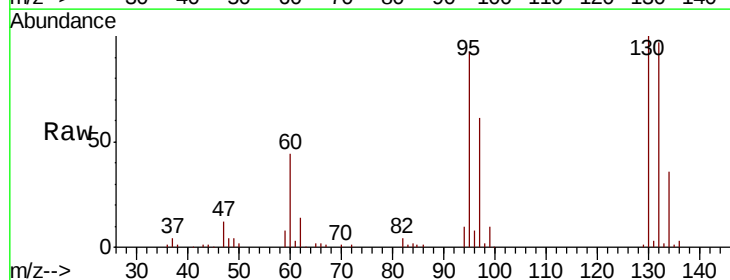
Acq: 13 Nov 2018 11:27

Tgt Ion:130 Resp: 50669

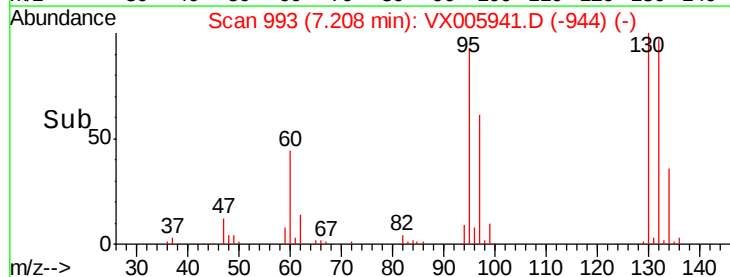
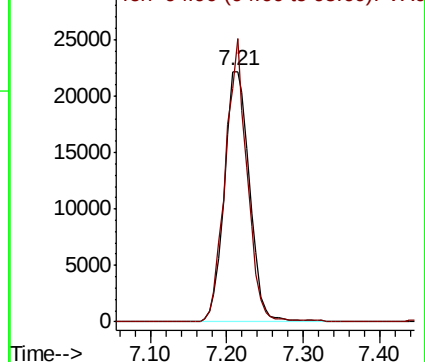
Ion Ratio Lower Upper

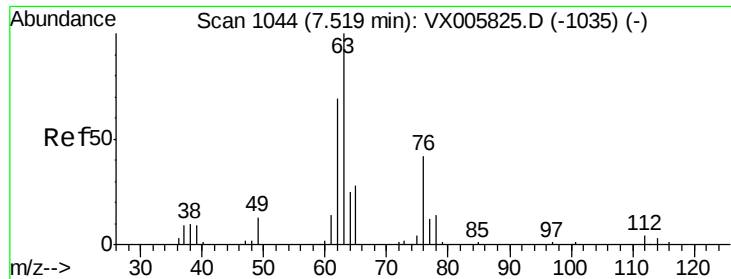
130 100

95 93.2 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 48.402 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

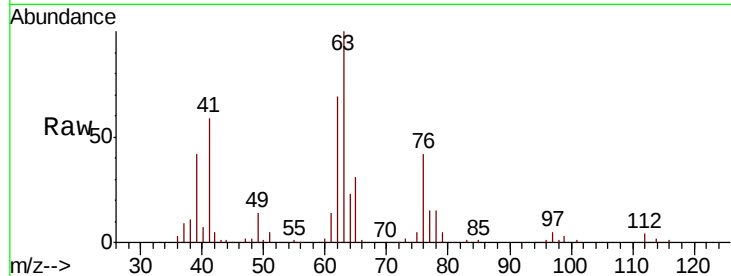
ClientSampled :

Tot Ion: 63 Resp: 49883

Ion Ratio Lower Upper

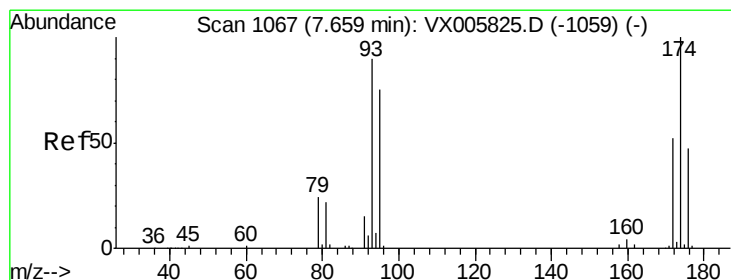
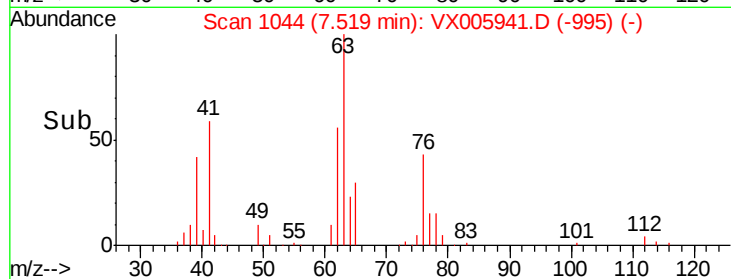
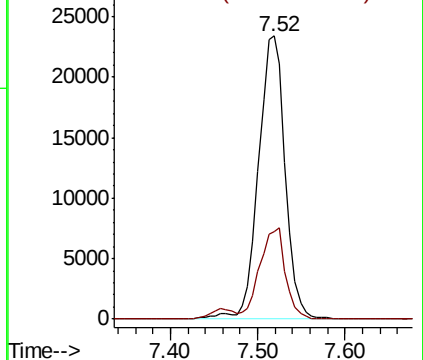
63 100

65 30.8 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: 50.035 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

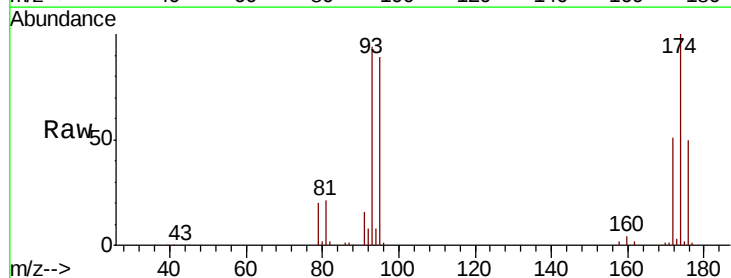
Tgt Ion: 93 Resp: 32358

Ion Ratio Lower Upper

93 100

95 86.8 67.4 101.0

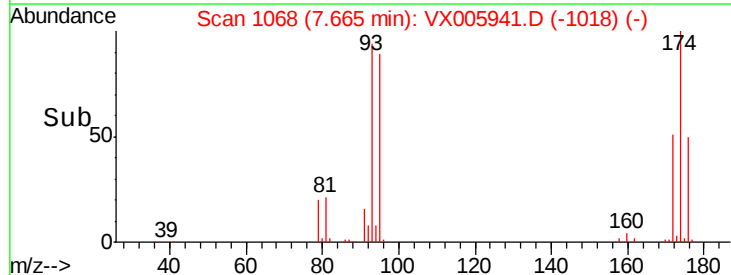
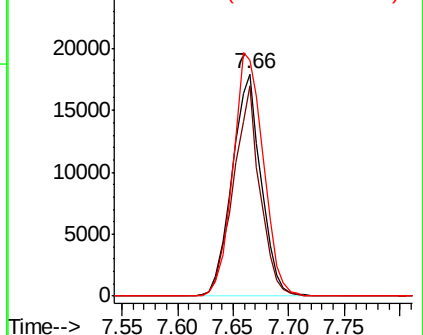
174 114.4 91.5 137.3

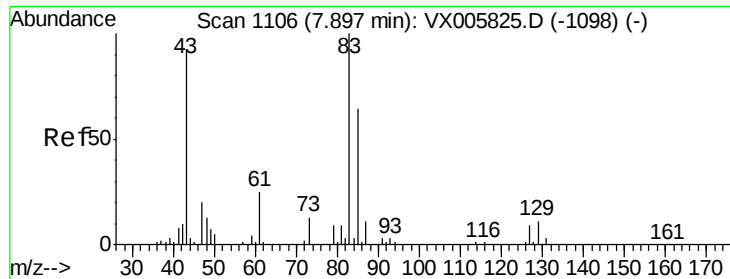


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.884 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

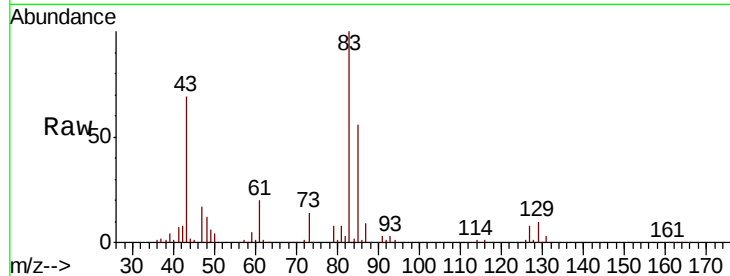
Tot Ion: 83 Resp: 65856

Ion Ratio Lower Upper

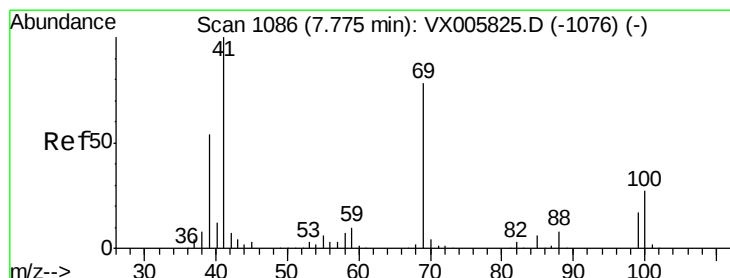
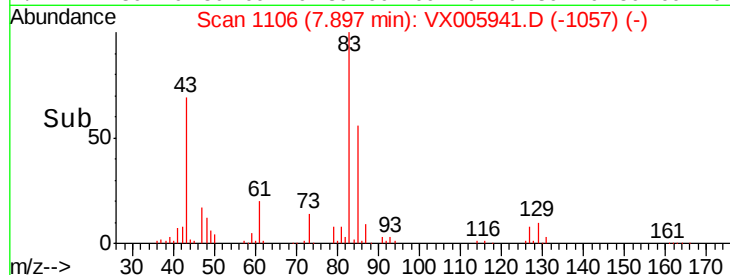
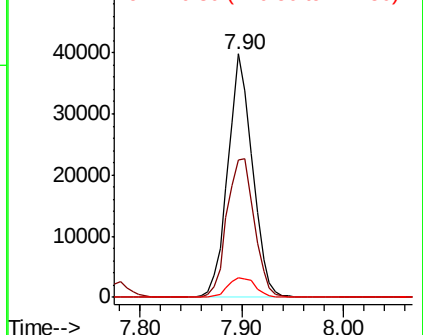
83 100

85 56.3 50.2 75.4

127 8.0 6.9 10.3



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



#48

Methyl methacrylate

Concen: 52.494 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

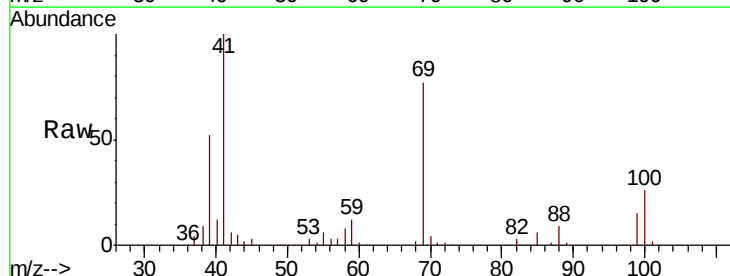
Tgt Ion: 41 Resp: 65418

Ion Ratio Lower Upper

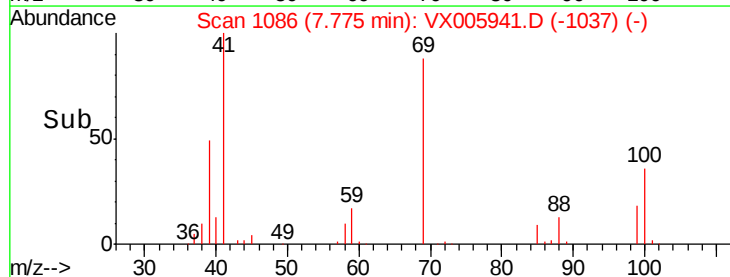
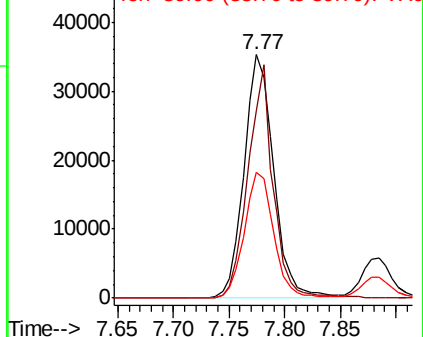
41 100

69 81.7 63.2 94.8

39 51.5 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

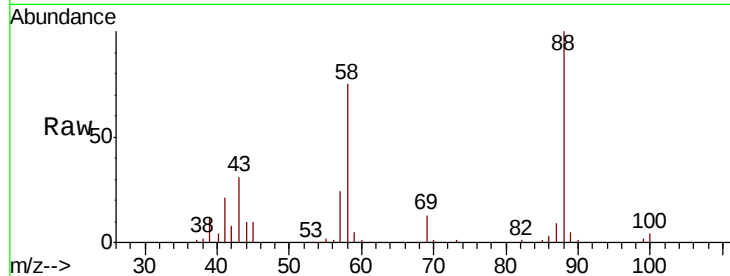




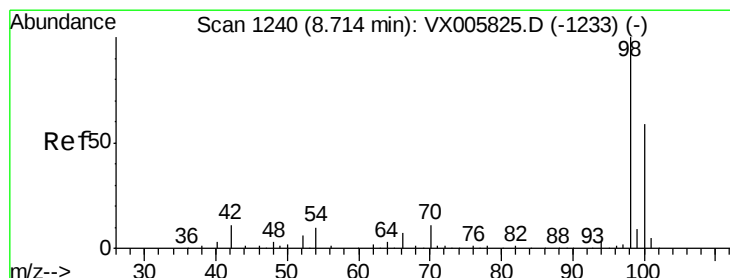
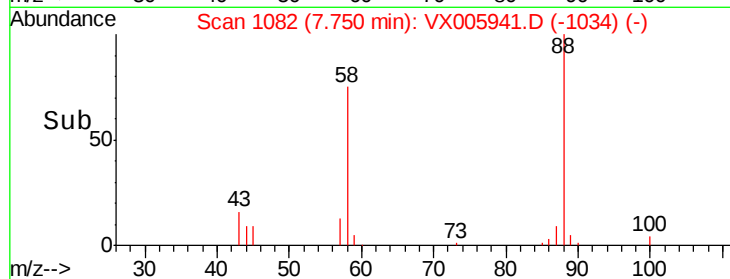
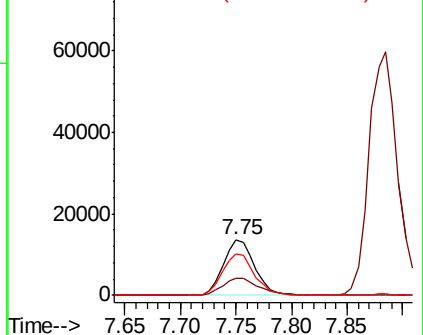
#49
1,4-Dioxane
Concen: 976.070 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 26211
Ion Ratio Lower Upper
88 100
43 38.1 27.4 41.0
58 77.3 59.4 89.2

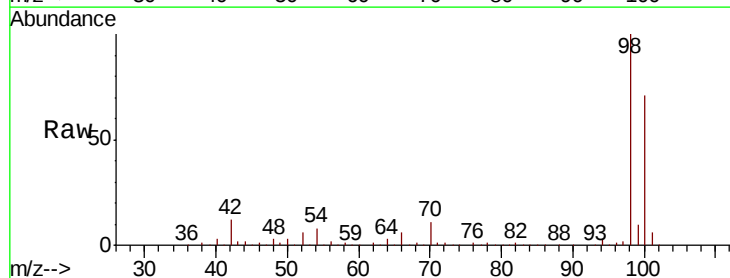


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

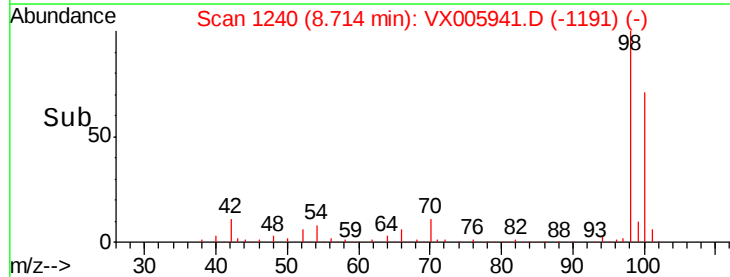
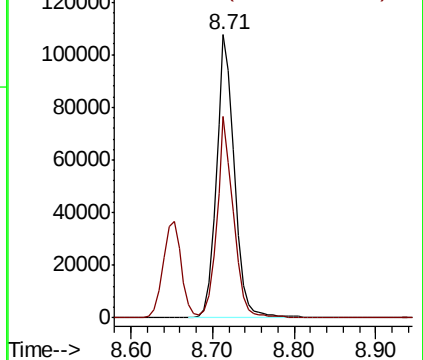


#50
Toluene-d8
Concen: 48.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 98 Resp: 166030
Ion Ratio Lower Upper
98 100
100 65.5 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: 245.631 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

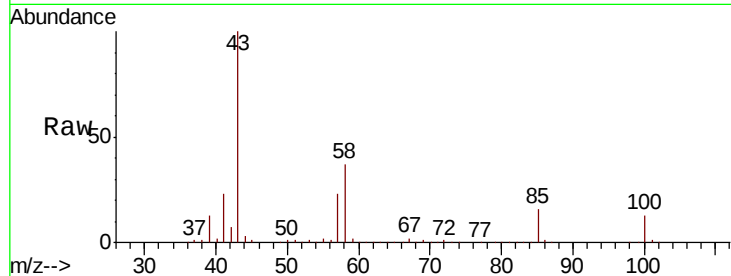
ClientSampleId :

Tot Ion: 43 Resp: 429643

Ion Ratio Lower Upper

43 100

58 36.7 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-1219) (-)

8.65

300000

250000

200000

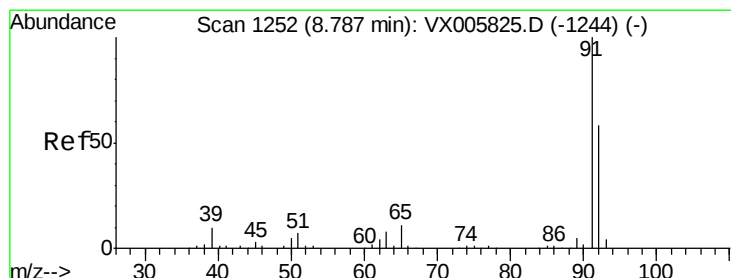
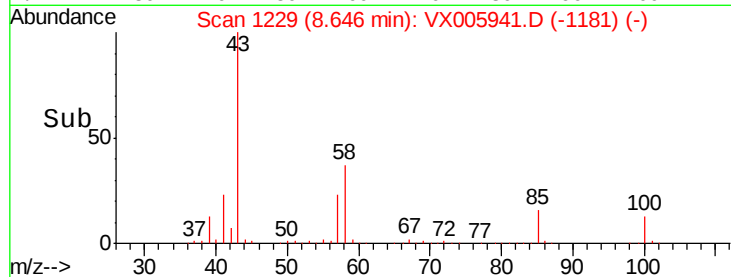
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.368 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005941.D

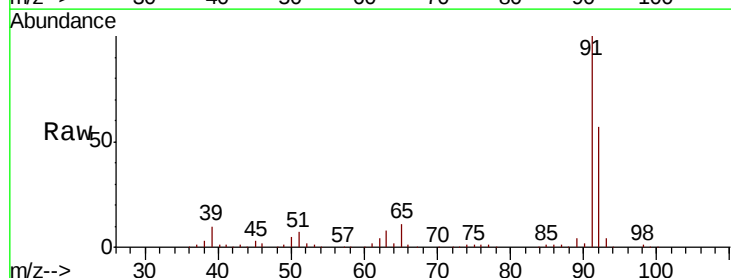
Acq: 13 Nov 2018 11:27

Tgt Ion: 92 Resp: 112408

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005825.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1244) (-)

8.79

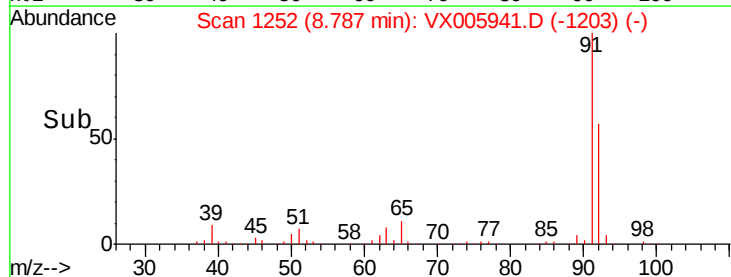
150000

100000

50000

0

Time-->

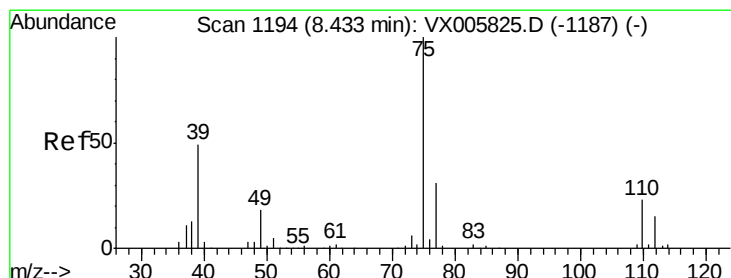
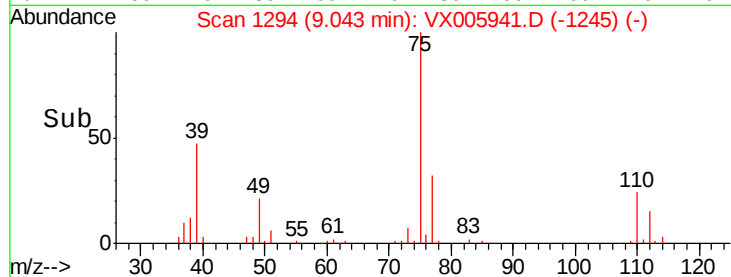
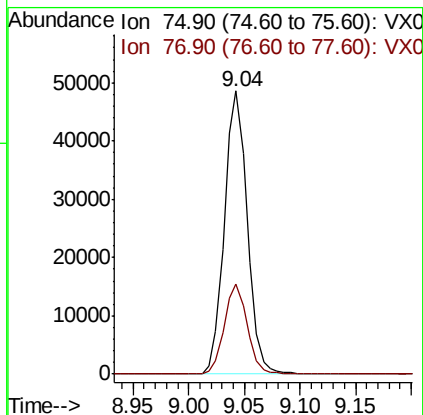
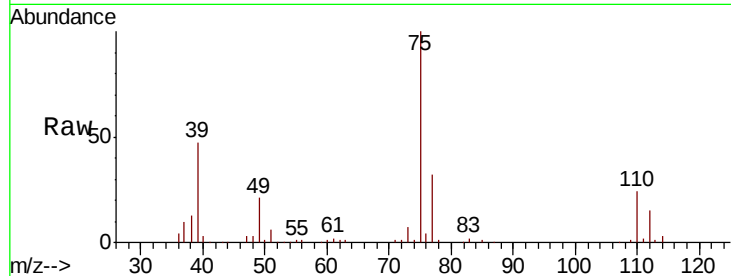




#53
 t-1,3-Dichloropropene
 Concen: 47.962 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

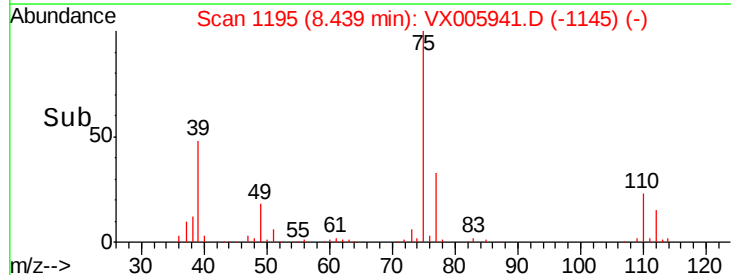
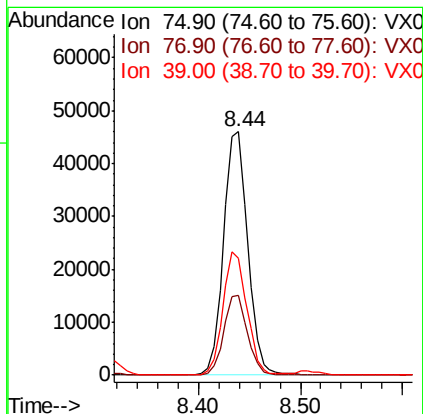
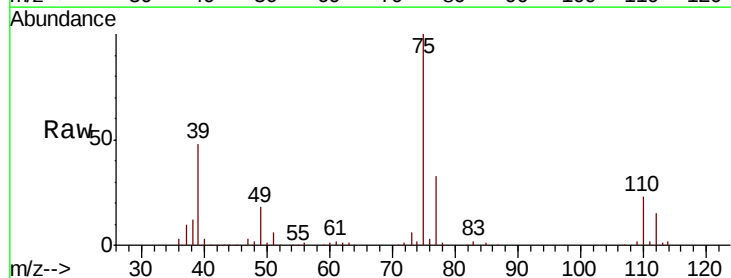
Instrument :
 MSVOA_X
 ClientSampled :

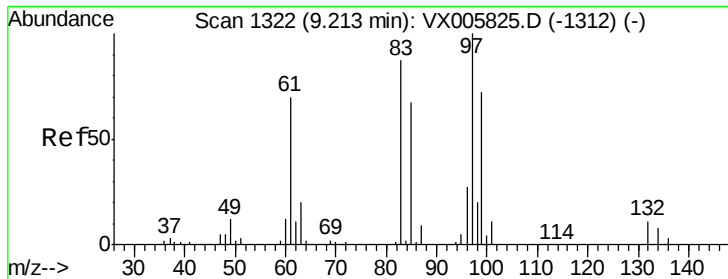
Tot Ion: 75 Resp: 69176
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.416 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion: 75 Resp: 75585
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 47.7 38.2 57.2

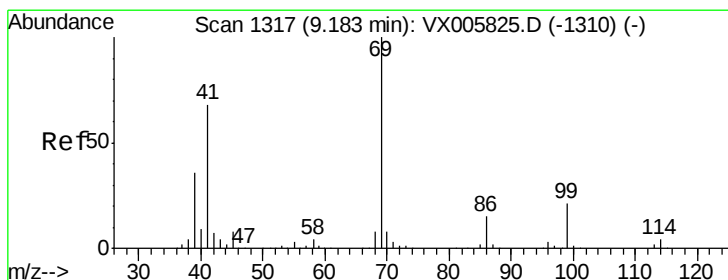
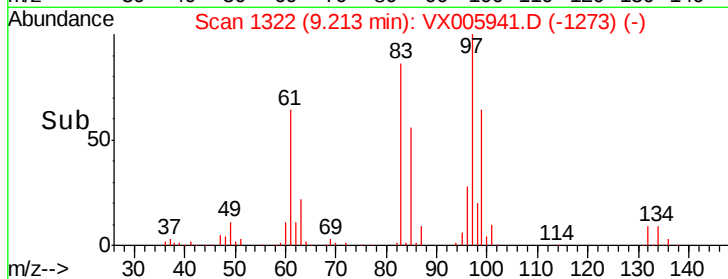
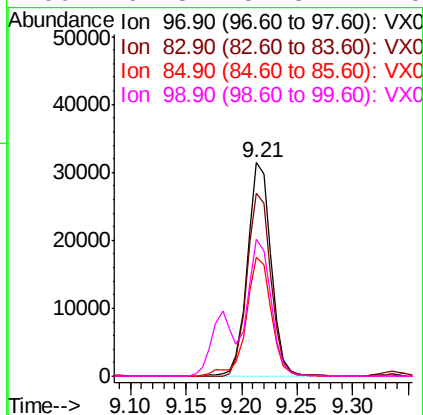
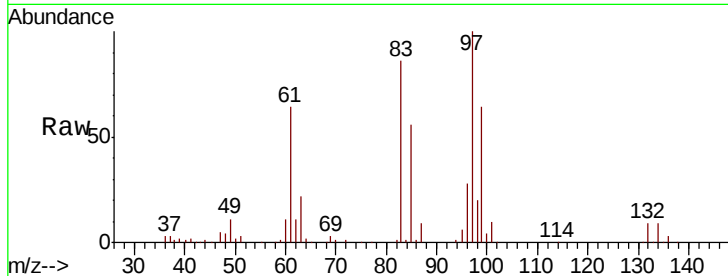




#55
 1,1,2-Trichloroethane
 Concen: 44.021 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

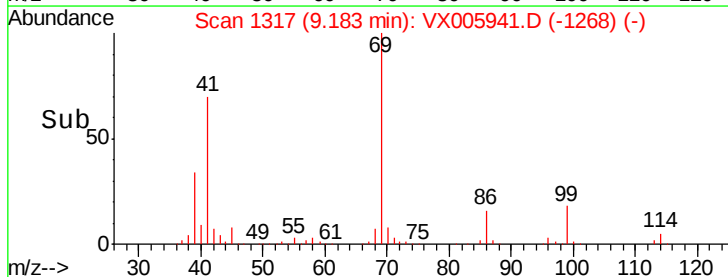
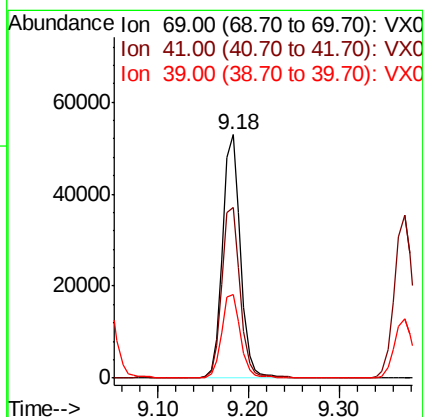
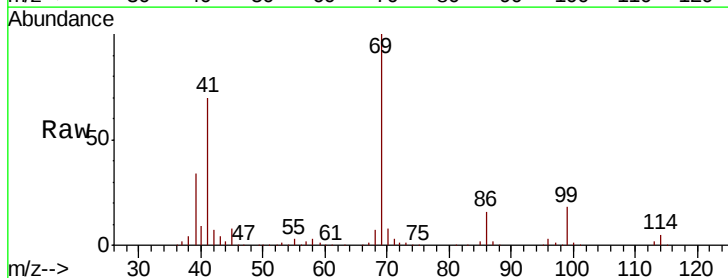
Instrument :
 MSVOA_X
 ClientSampleId :

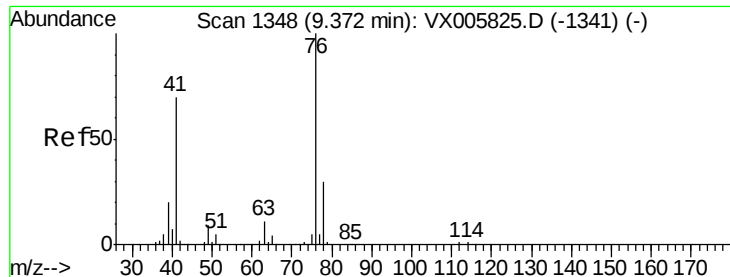
Tot Ion:	97	Resp:	46558
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.7	106.1
85	55.8	45.8	68.6
99	64.3	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 46.072 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion:	69	Resp:	72907
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.6
39	35.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 44.417 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

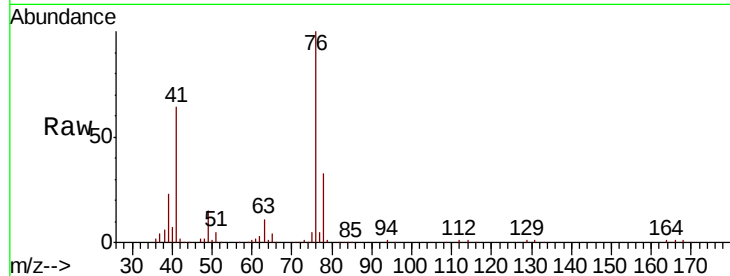
ClientSampled :

Tot Ion: 76 Resp: 78943

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

60000

50000

40000

30000

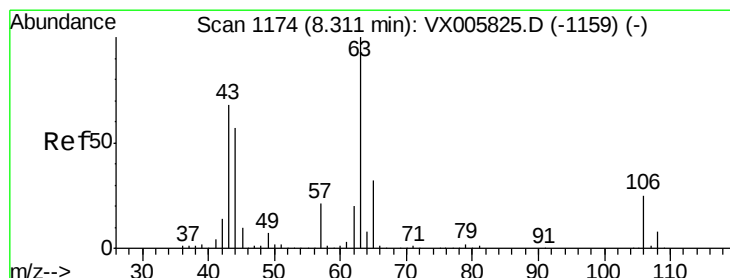
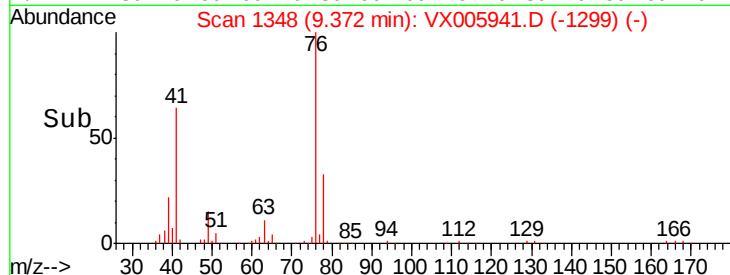
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.652 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005941.D

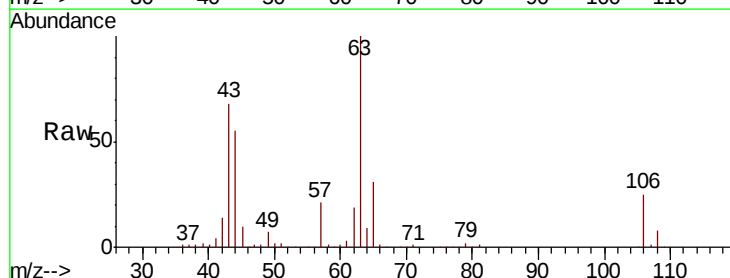
Acq: 13 Nov 2018 11:27

Tgt Ion: 63 Resp: 207237

Ion Ratio Lower Upper

63 100

106 25.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

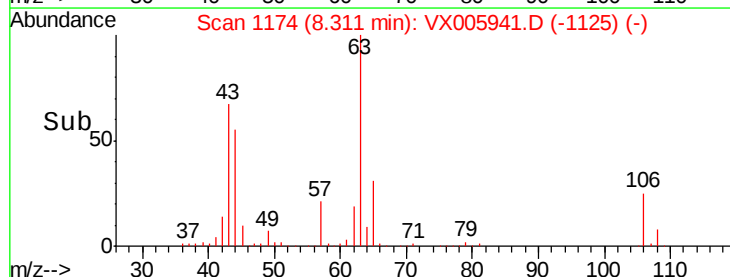
100000

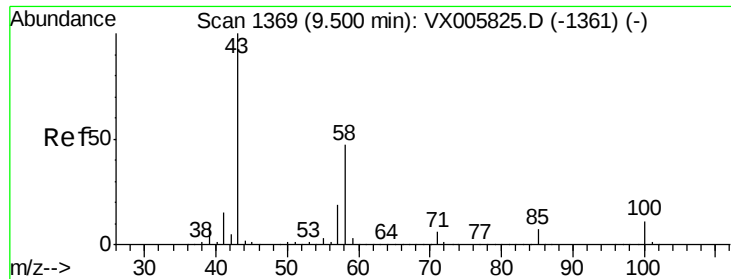
50000

0

8.20 8.30 8.40

Time-->

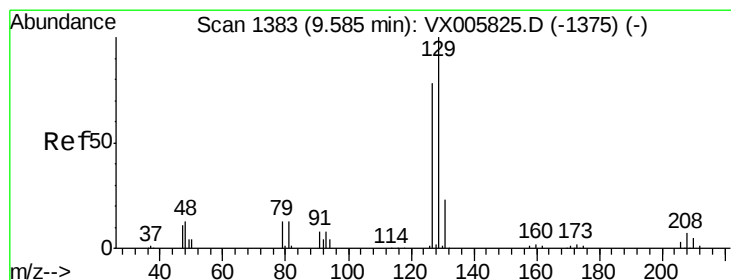
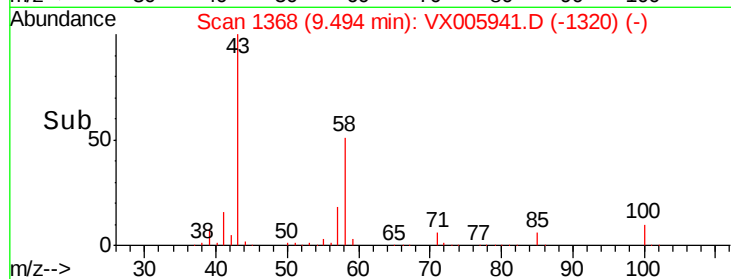
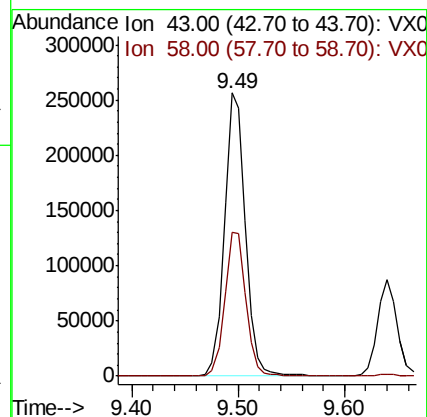
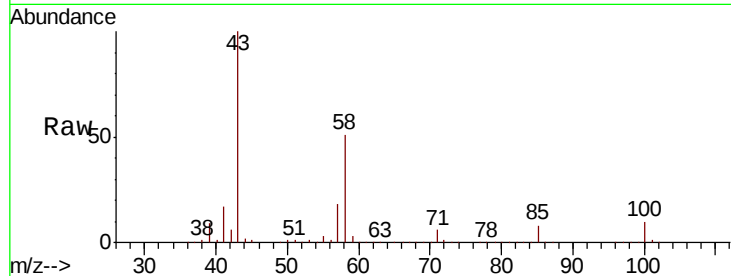




#59
2-Hexanone
Concen: 226.705 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

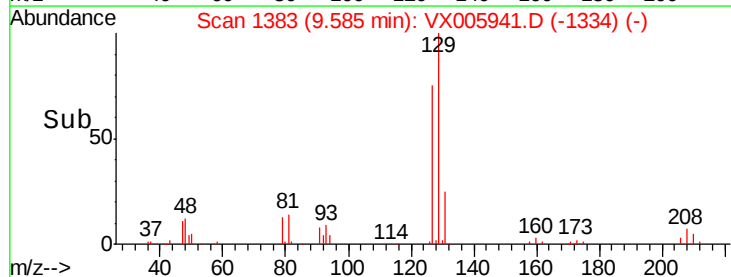
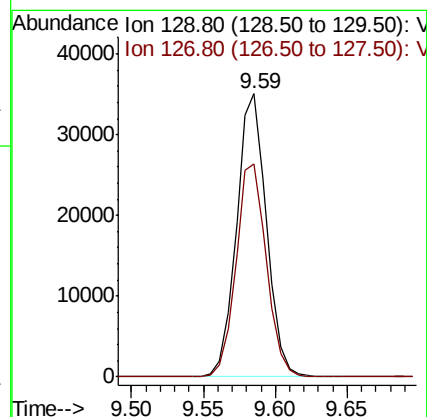
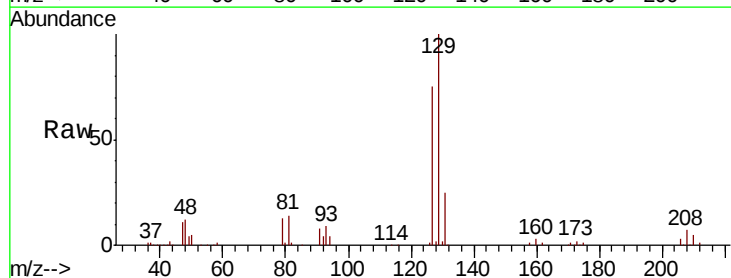
Instrument :
MSVOA_X
ClientSampled :

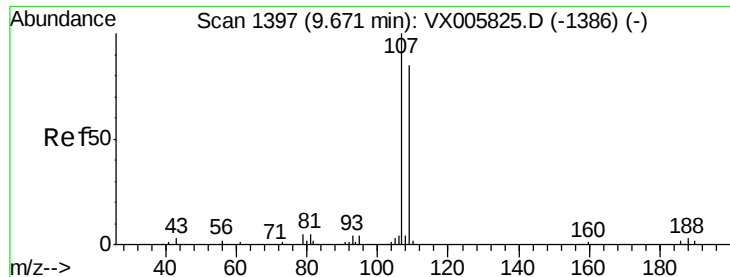
Tot Ion: 43 Resp: 349532
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 44.240 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:129 Resp: 50567
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 41.819 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

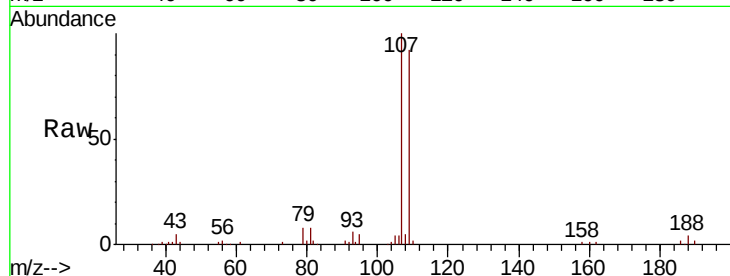
ClientSampleId :

Tot Ion:107 Resp: 48907

Ion Ratio Lower Upper

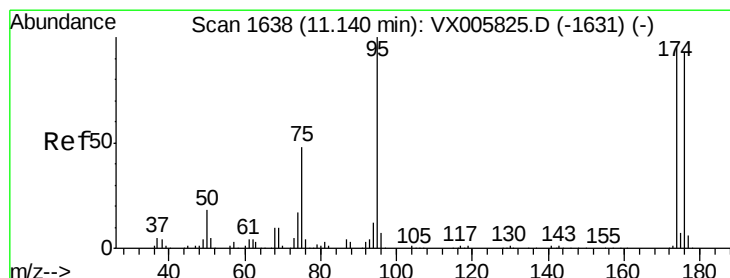
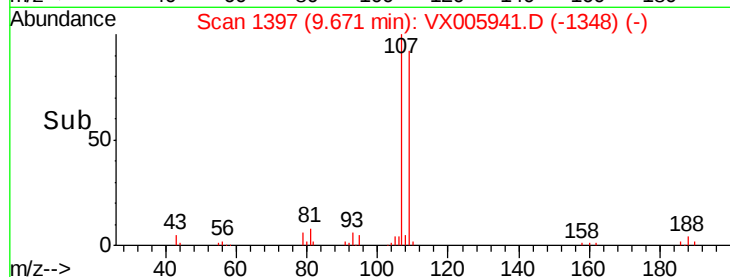
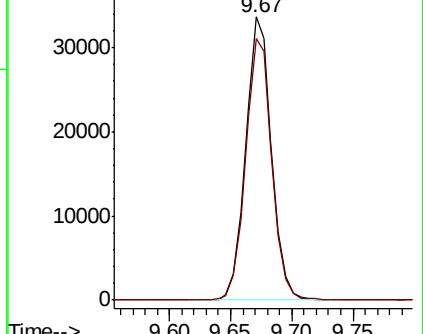
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.858 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

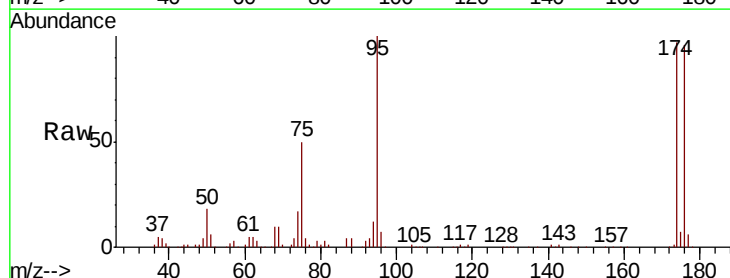
Tgt Ion: 95 Resp: 62470

Ion Ratio Lower Upper

95 100

174 91.6 0.0 184.4

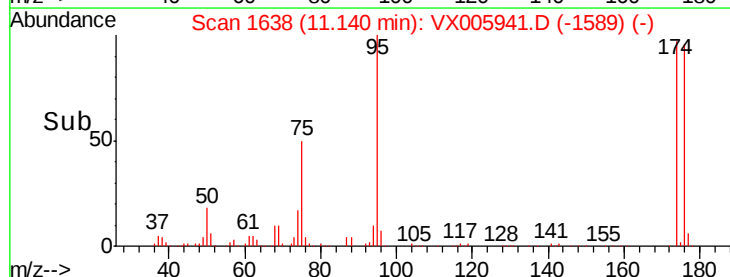
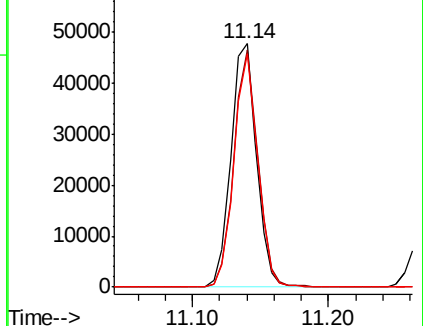
176 89.6 0.0 177.4

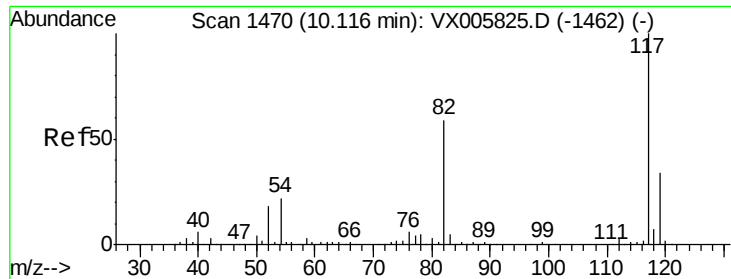


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

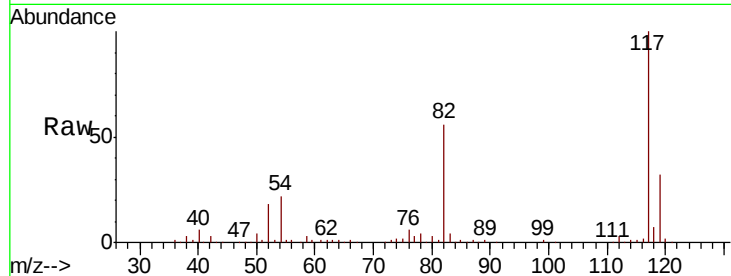




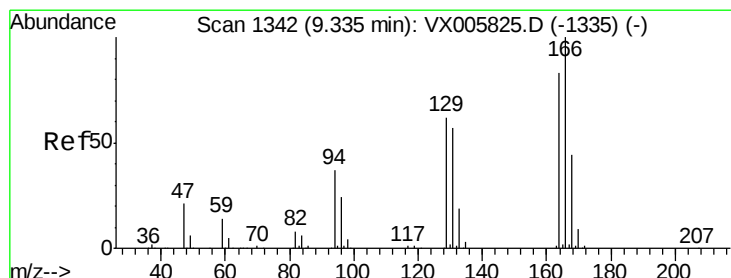
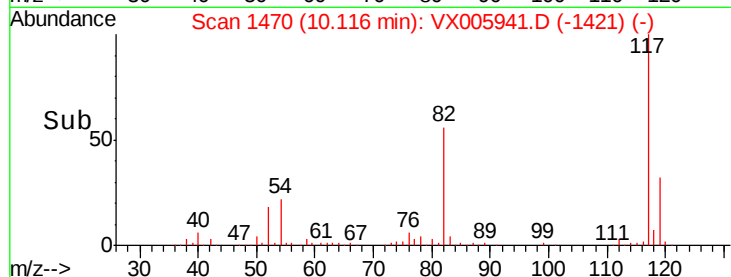
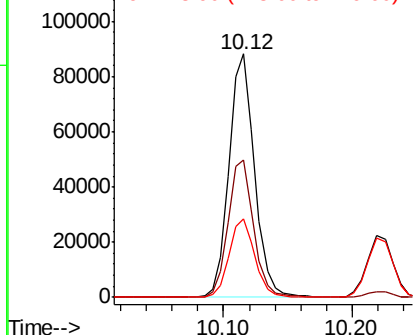
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 122981
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.4 26.2 39.2

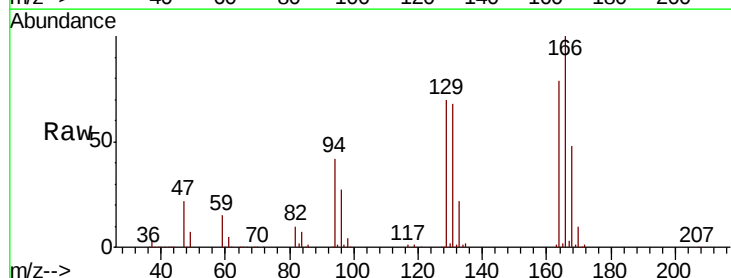


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

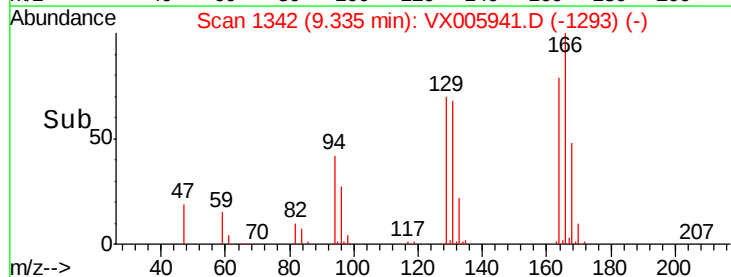
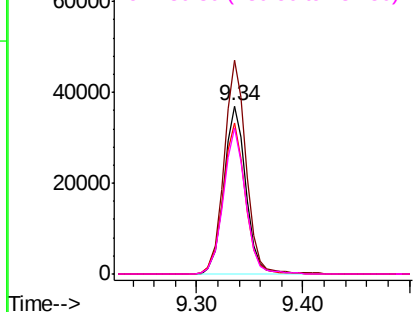


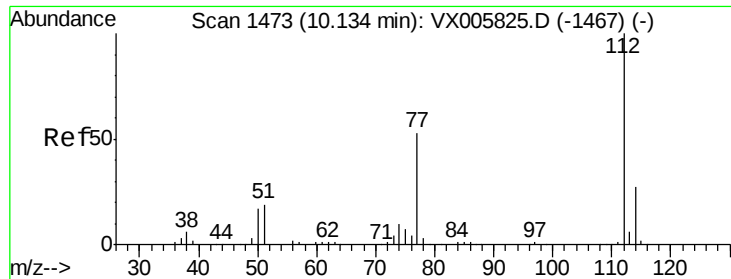
#64
Tetrachloroethene
Concen: 50.994 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:164 Resp: 53394
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 89.5 72.6 109.0
131 86.7 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

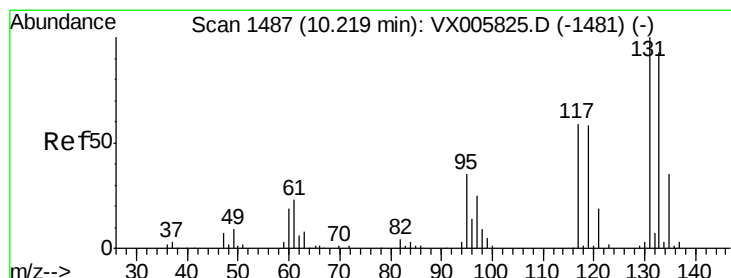
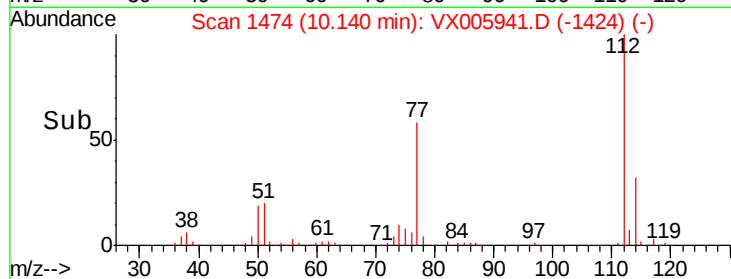
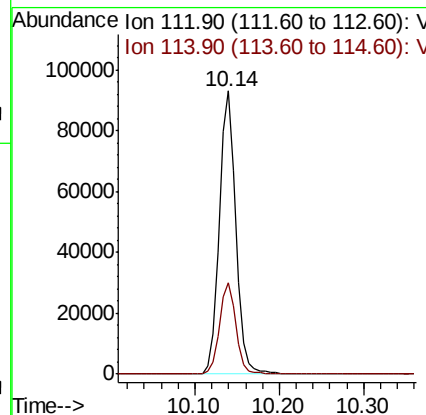
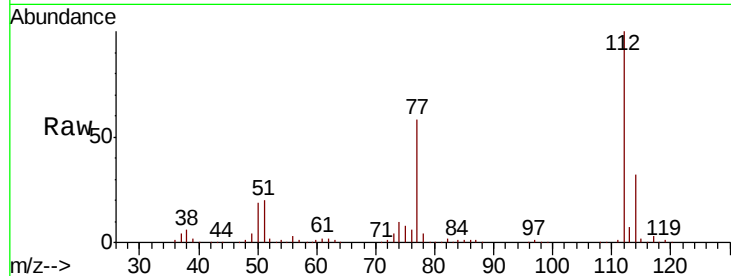




#65
Chlorobenzene
Concen: 51.478 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

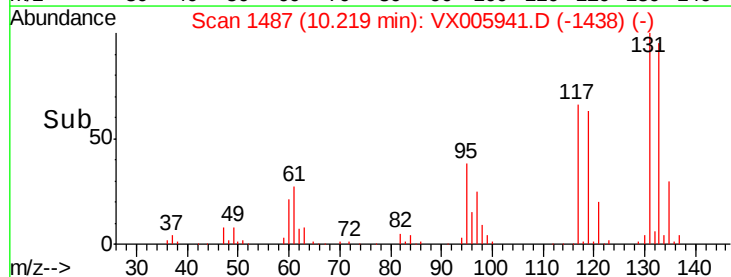
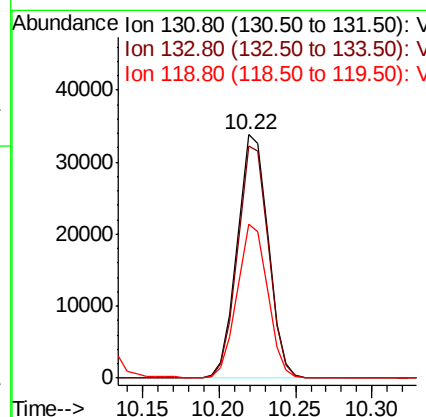
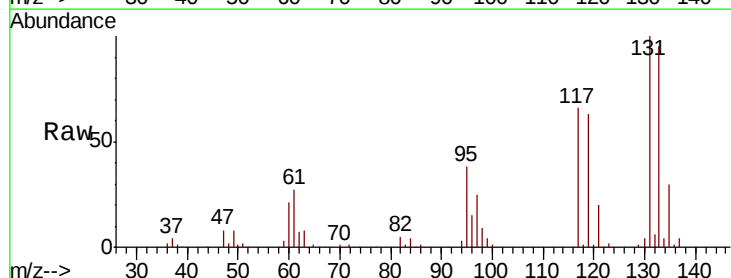
Instrument :
MSVOA_X
ClientSampleId :

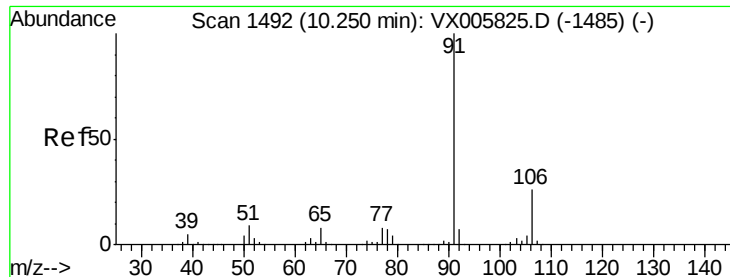
Tot Ion:112 Resp: 126827
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.542 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:131 Resp: 47573
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 56.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

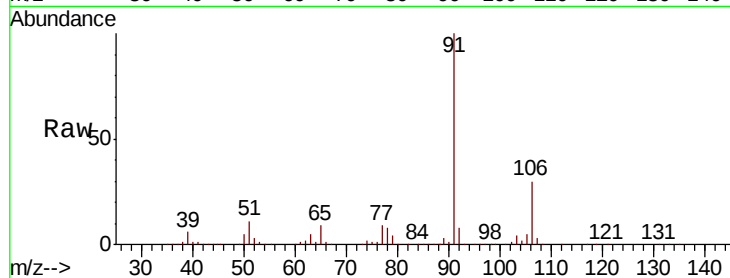
ClientSampleId :

Tot Ion: 91 Resp: 221244

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

300000

250000

200000

150000

100000

50000

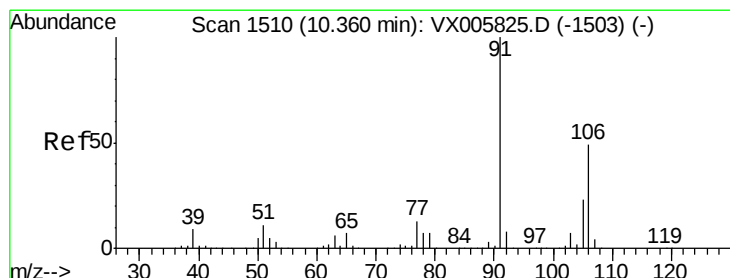
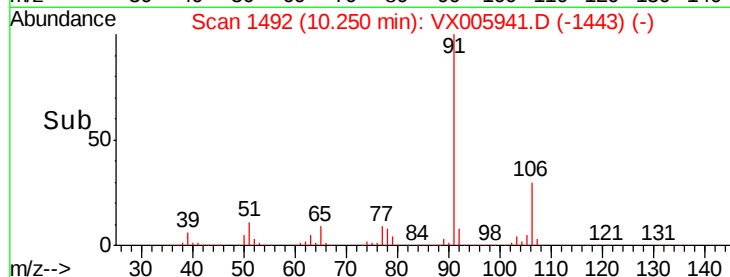
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 114.719 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005941.D

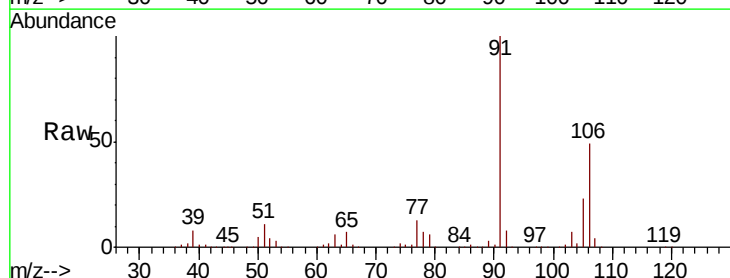
Acq: 13 Nov 2018 11:27

Tgt Ion: 106 Resp: 172871

Ion Ratio Lower Upper

106 100

91 206.0 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

300000

250000

200000

150000

100000

50000

0

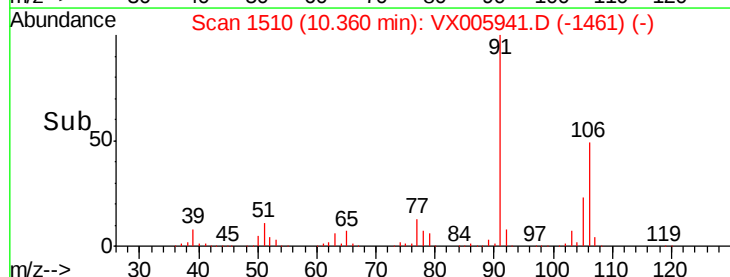
10.30

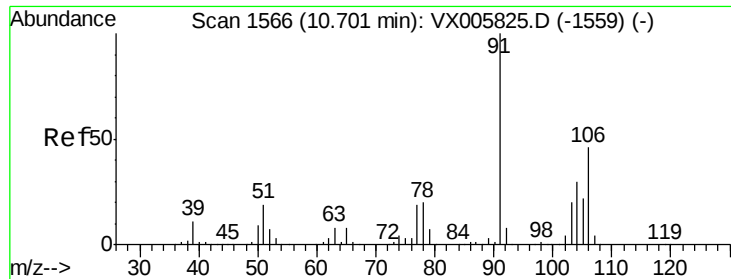
10.36

10.40

10.50

Time-->

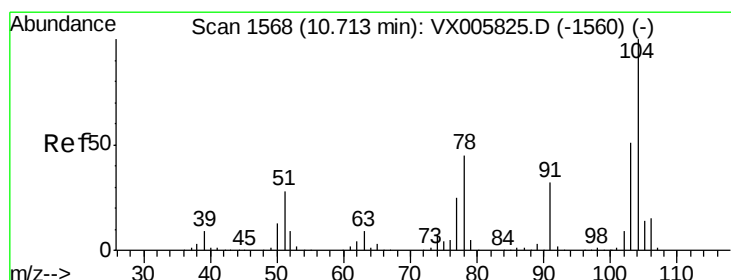
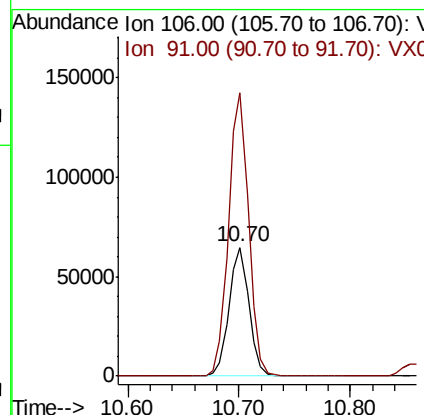
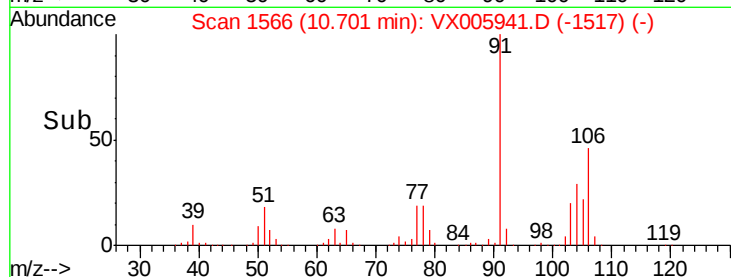
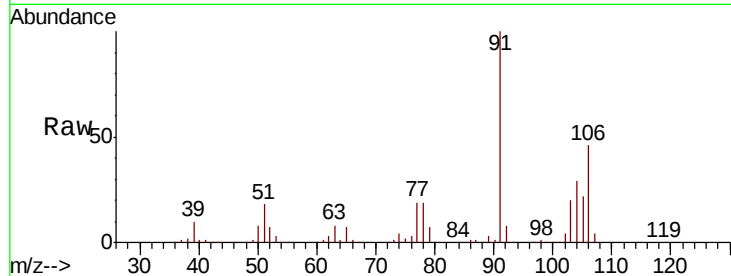




#69
o-Xylene
Concen: 59.358 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

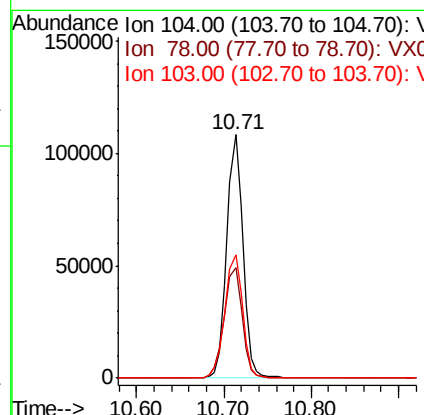
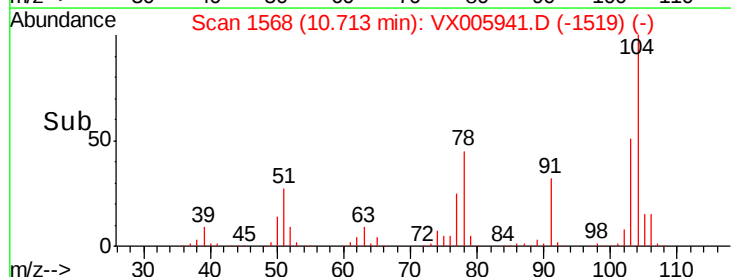
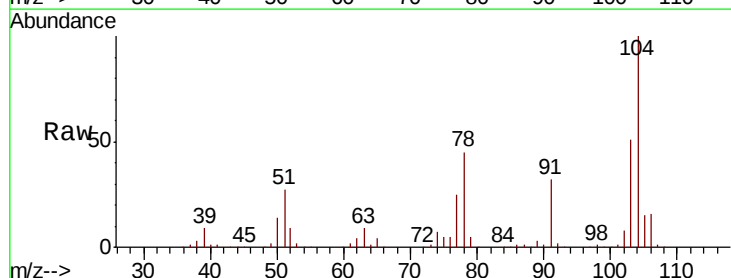
Instrument :
MSVOA_X
ClientSampled :

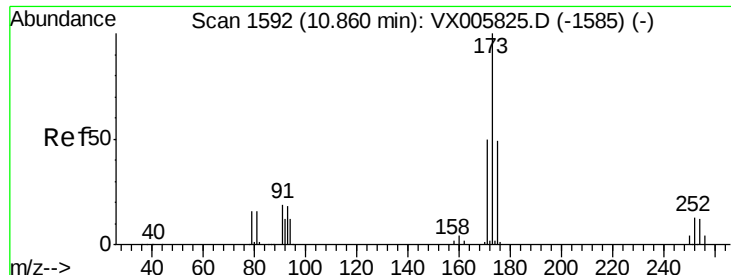
Tot Ion:106 Resp: 80207
Ion Ratio Lower Upper
106 100
91 221.3 108.5 325.5



#70
Styrene
Concen: 62.156 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:104 Resp: 138549
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.4
103 56.0 44.9 67.3





#71

Bromoform

Concen: 58.842 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

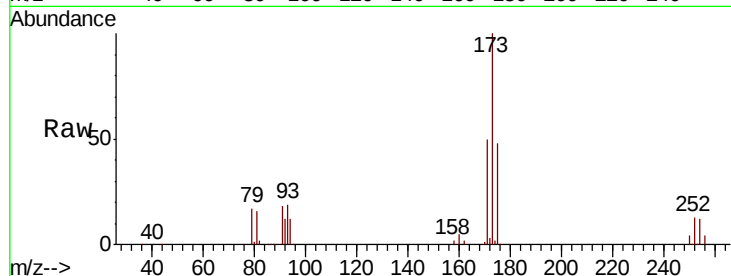
Tot Ion:173 Resp: 42249

Ion Ratio Lower Upper

173 100

175 48.2 24.8 74.3

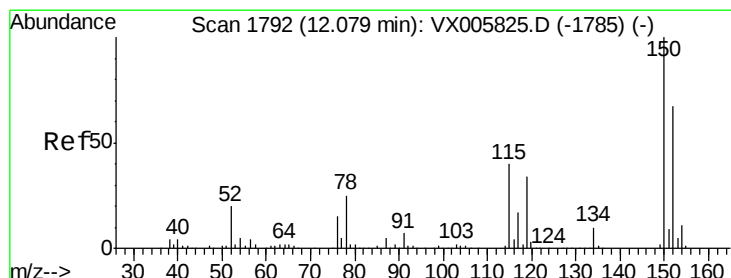
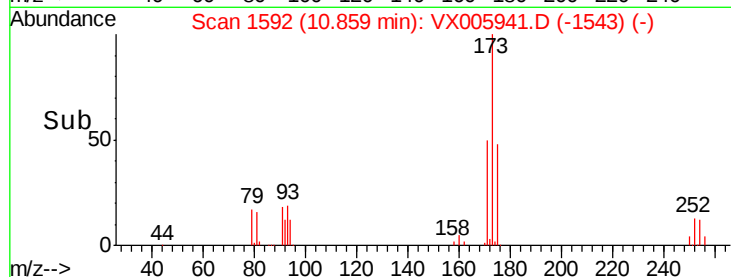
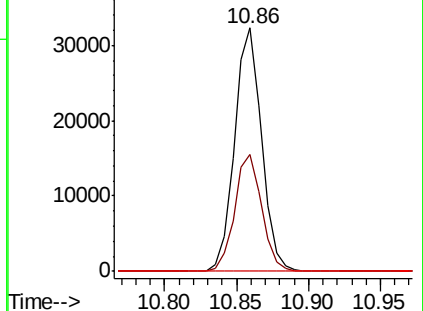
254 0.0 0.2 0.2#



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: VX005941.D

Acq: 13 Nov 2018 11:27

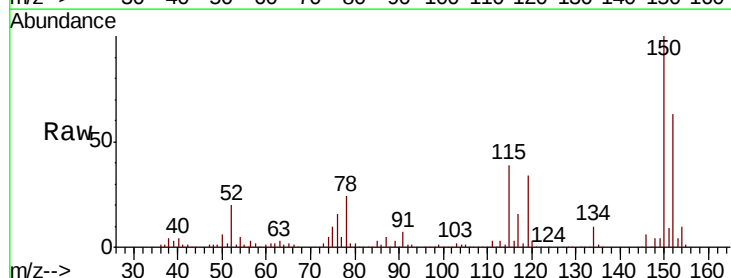
Tgt Ion:152 Resp: 71709

Ion Ratio Lower Upper

152 100

115 80.1 39.4 118.1

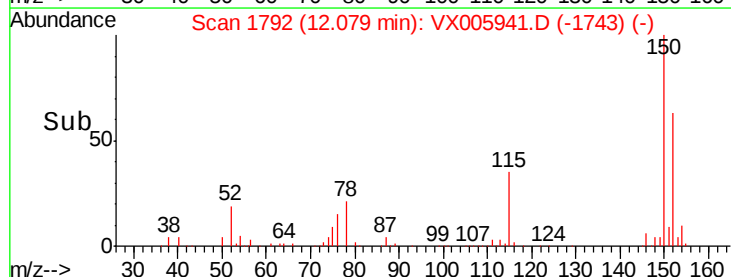
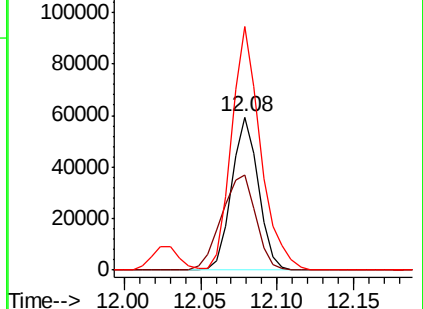
150 173.2 0.0 346.4

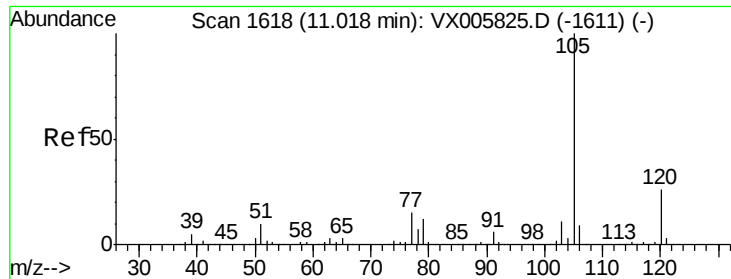


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.144 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

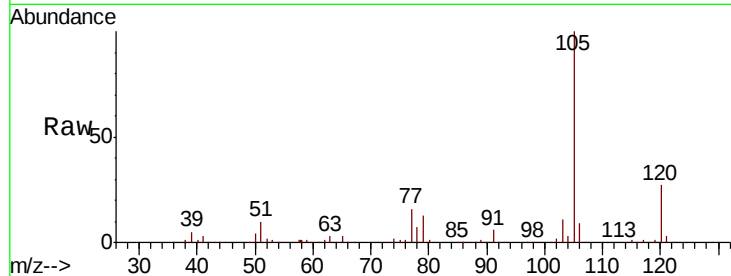
ClientSampleId :

Tot Ion:105 Resp: 228674

Ion Ratio Lower Upper

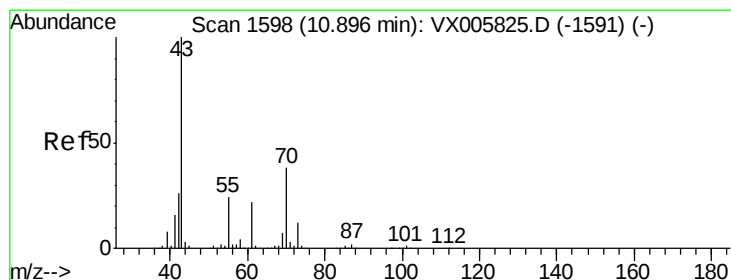
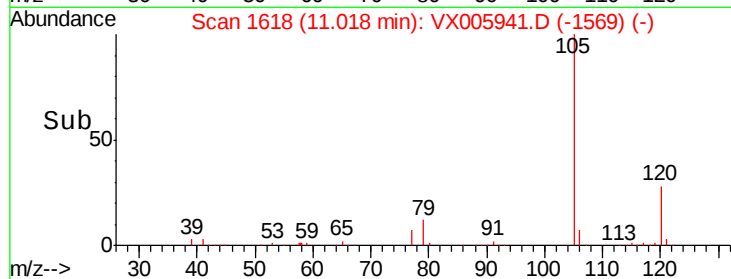
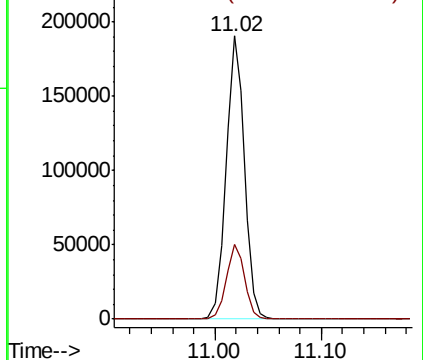
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.135 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Tgt Ion: 43 Resp: 111889

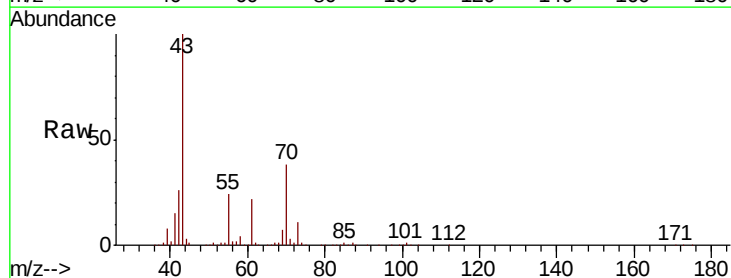
Ion Ratio Lower Upper

43 100

70 38.7 31.6 47.4

55 25.1 19.7 29.5

61 22.6 18.3 27.5

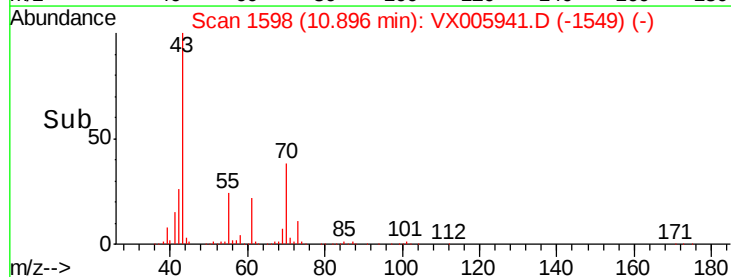
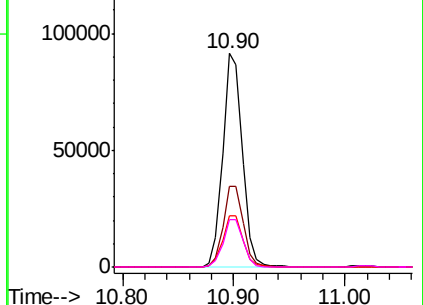


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.619 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

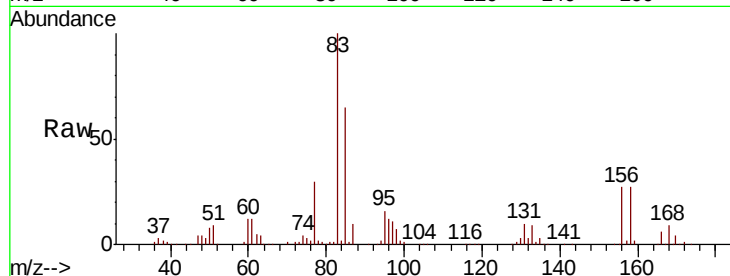
Tot Ion: 83 Resp: 77047

Ion Ratio Lower Upper

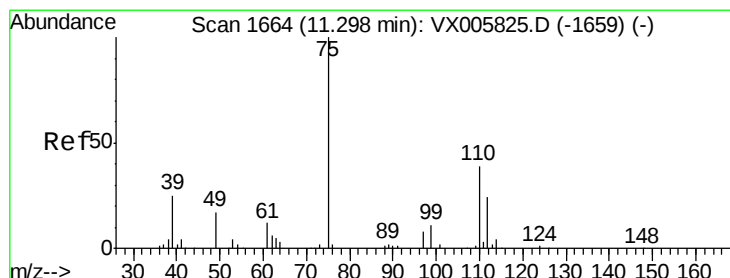
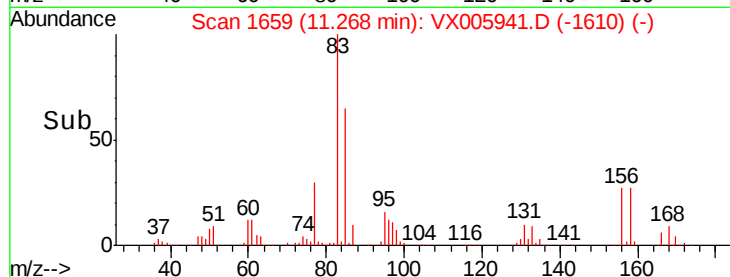
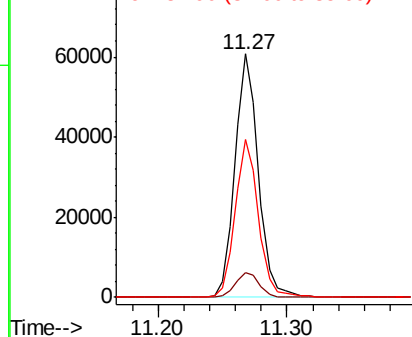
83 100

131 10.4 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: 64.917 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005941.D

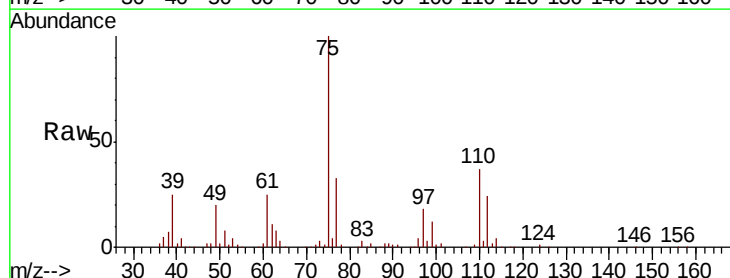
Acq: 13 Nov 2018 11:27

Tgt Ion: 75 Resp: 94788

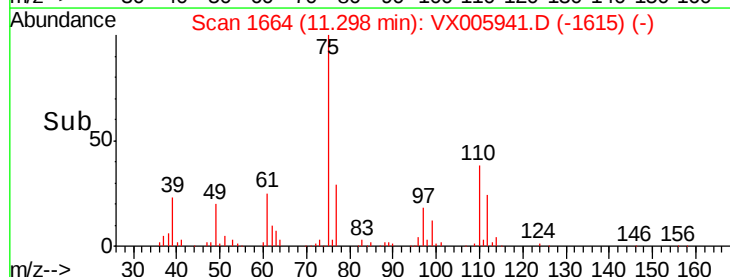
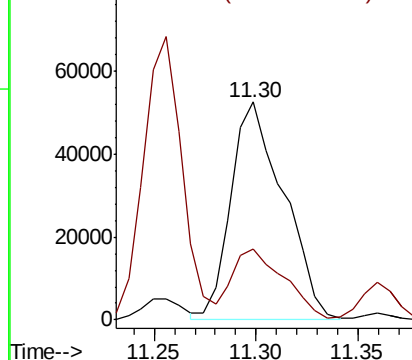
Ion Ratio Lower Upper

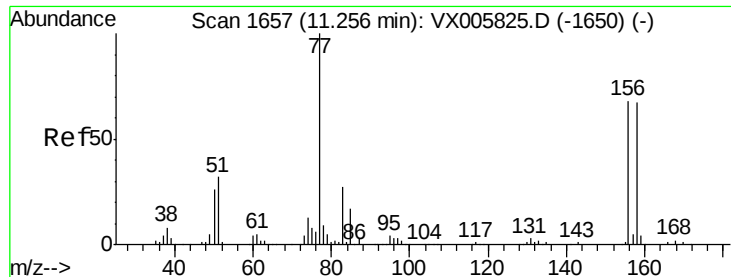
75 100

77 31.9 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: 51.363 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

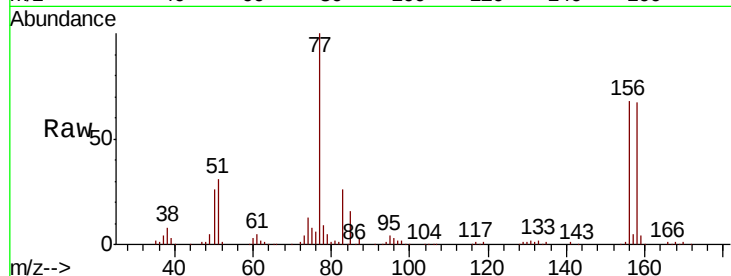
Tot Ion:156 Resp: 60035

Ion Ratio Lower Upper

156 100

77 149.9 74.8 224.4

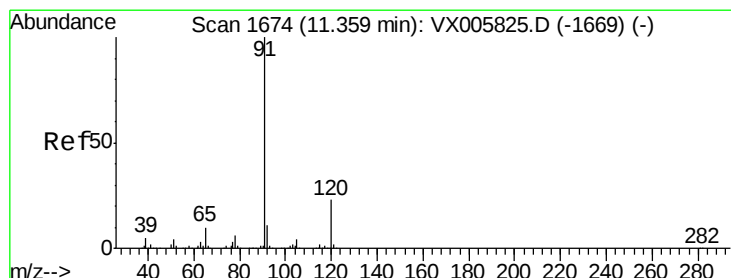
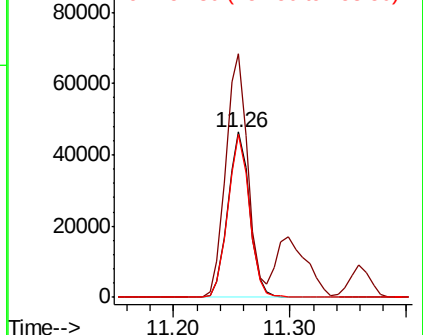
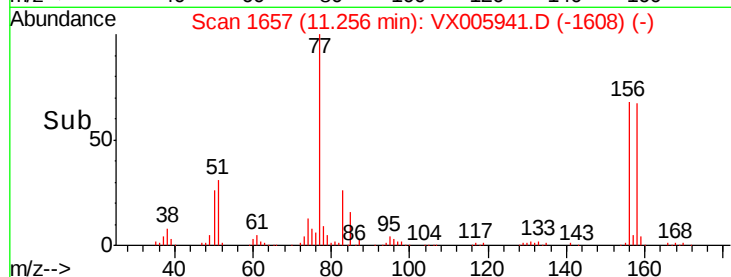
158 97.8 49.1 147.3



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: 55.491 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005941.D

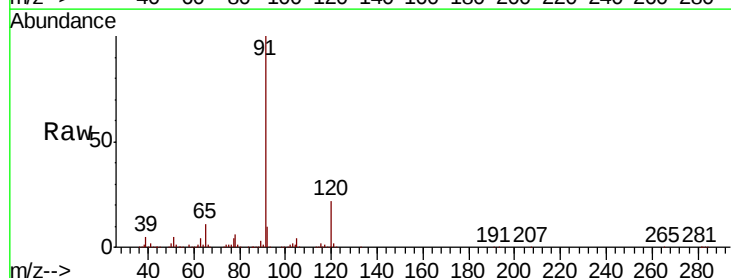
Acq: 13 Nov 2018 11:27

Tgt Ion: 91 Resp: 271195

Ion Ratio Lower Upper

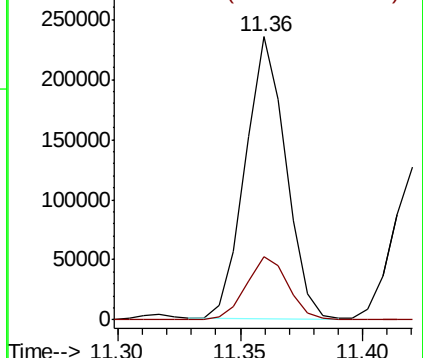
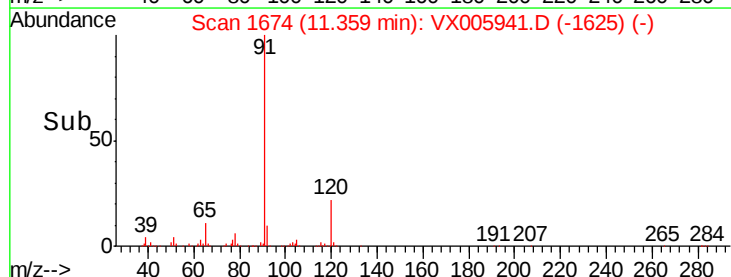
91 100

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: 53.449 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

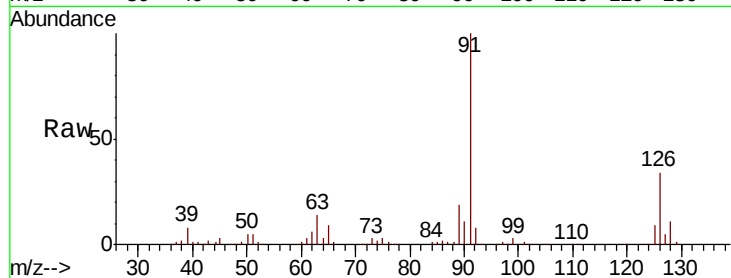
ClientSampleId :

Tot Ion: 91 Resp: 157887

Ion Ratio Lower Upper

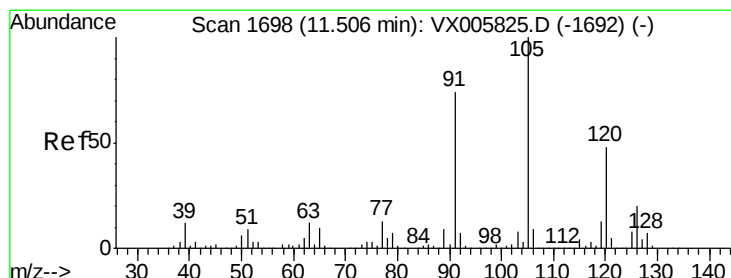
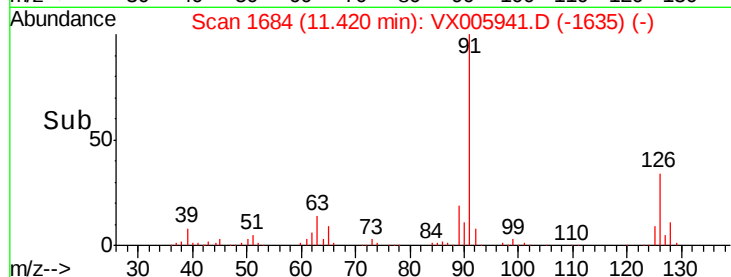
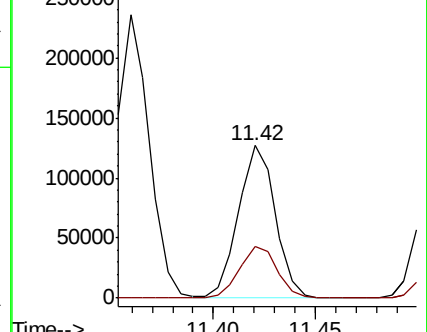
91 100

126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.046 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005941.D

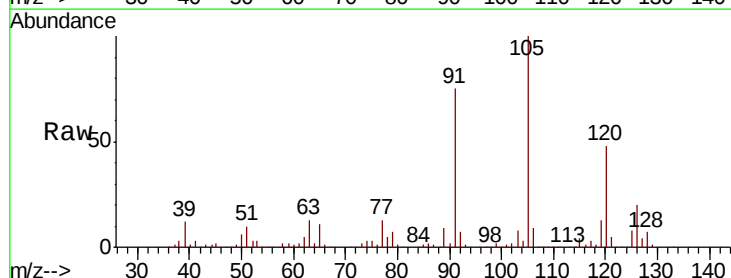
Acq: 13 Nov 2018 11:27

Tgt Ion: 105 Resp: 197503

Ion Ratio Lower Upper

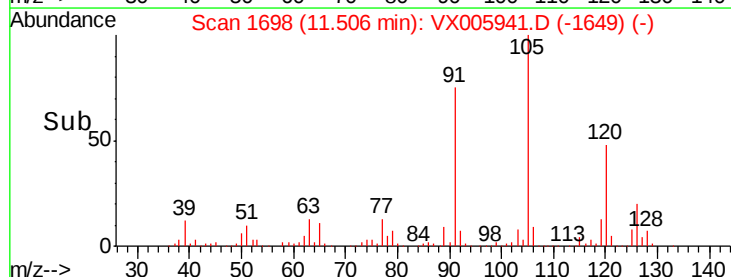
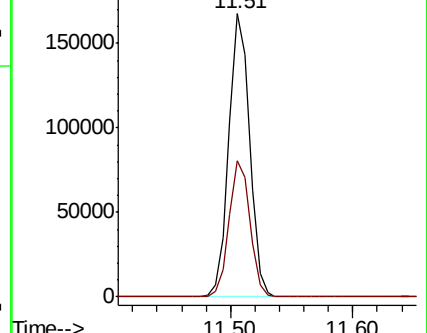
105 100

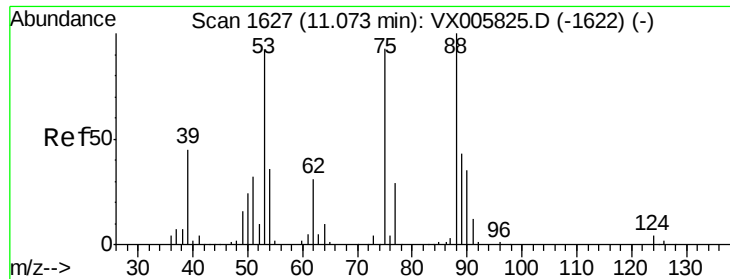
120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.941 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

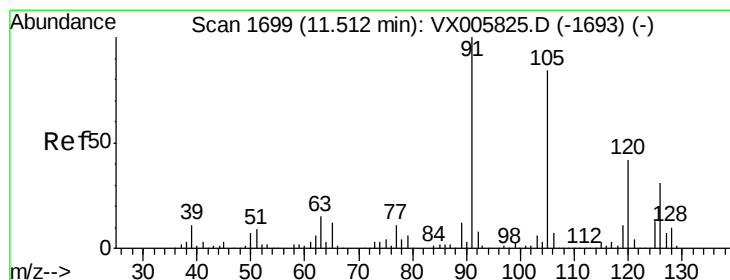
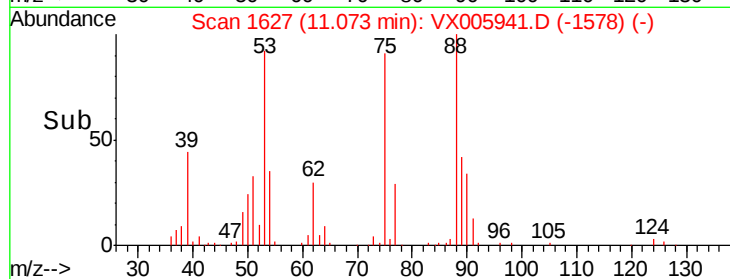
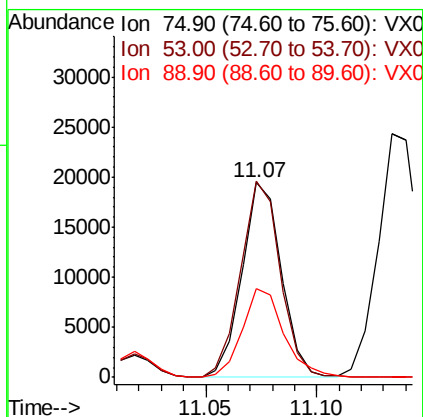
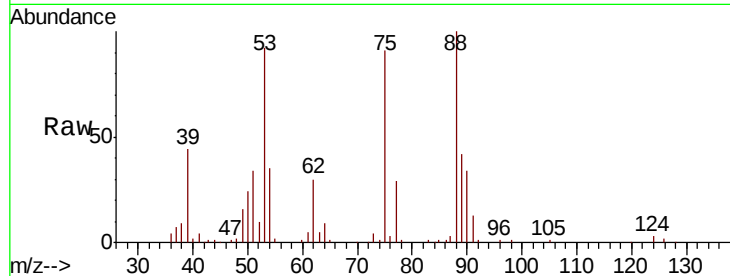
Tot Ion: 75 Resp: 23796

Ion Ratio Lower Upper

75 100

53 102.6 80.2 120.2

89 49.1 39.8 59.8



#82

4-Chlorotoluene

Concen: 54.517 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005941.D

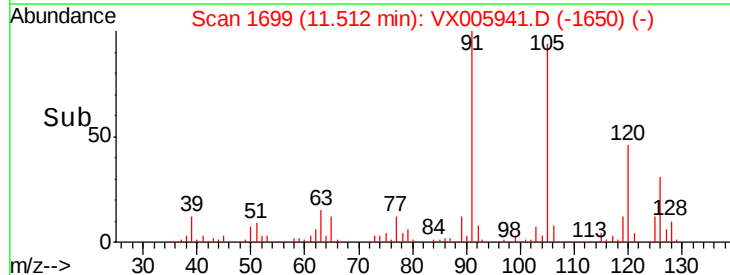
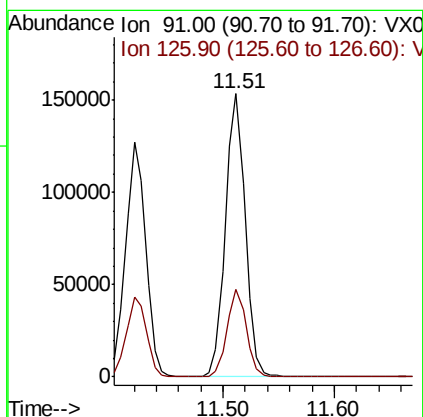
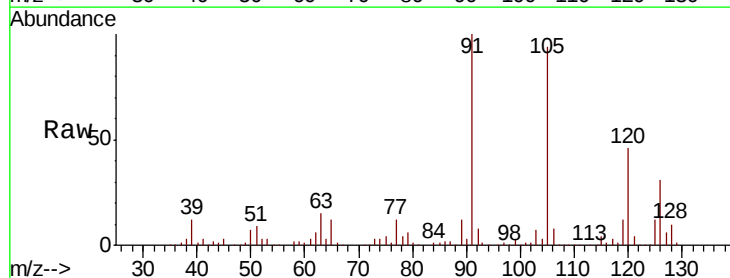
Acq: 13 Nov 2018 11:27

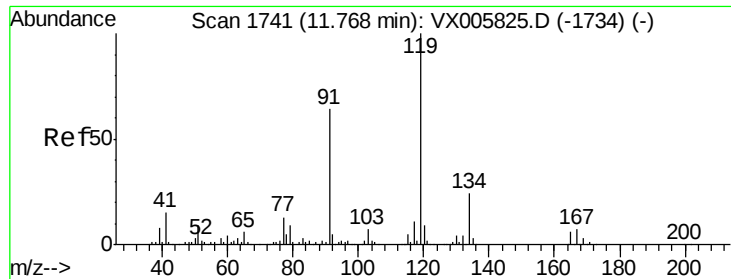
Tgt Ion: 91 Resp: 189794

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.6

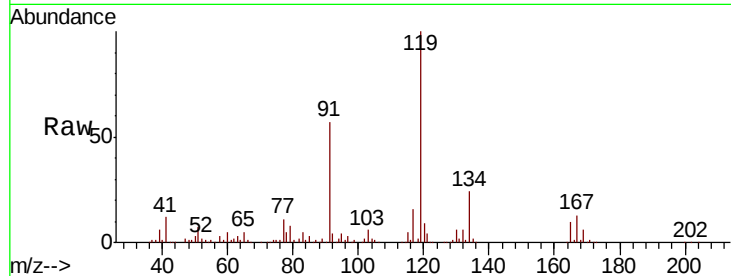




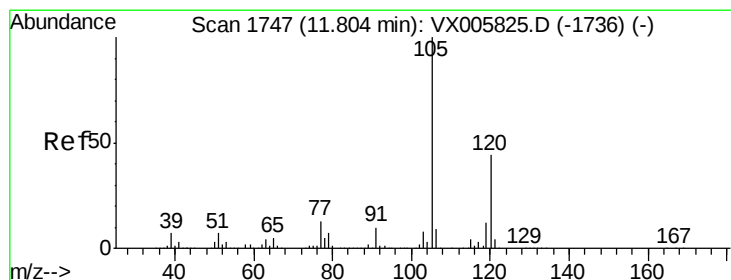
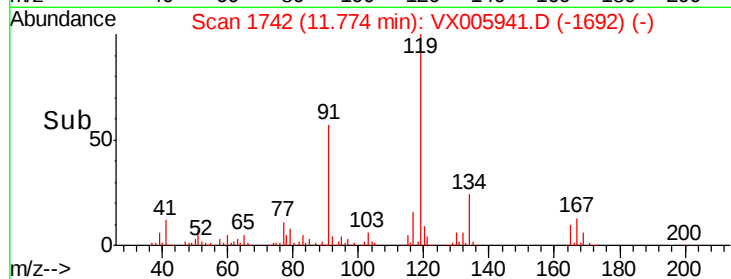
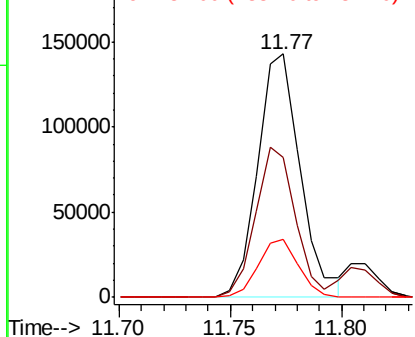
#83
tert-Butylbenzene
Concen: 53.336 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 190148
Ion Ratio Lower Upper
119 100
91 57.8 28.5 85.5
134 22.7 11.3 33.8

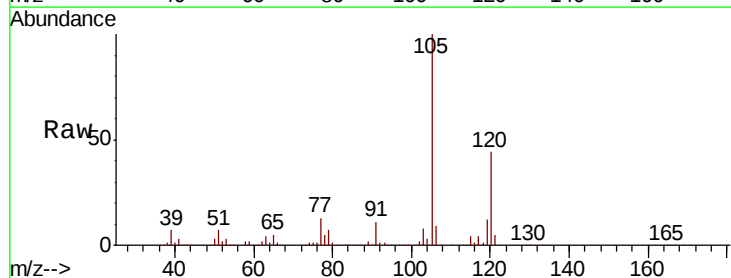


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

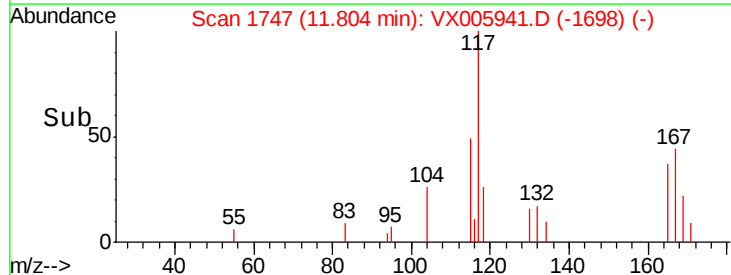
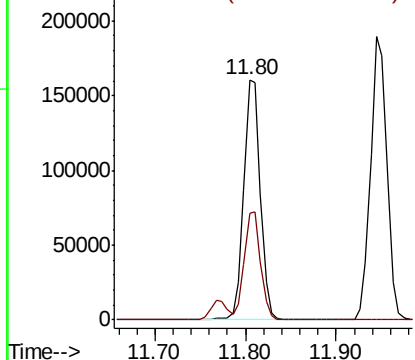


#84
1,2,4-Trimethylbenzene
Concen: 52.258 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion:105 Resp: 203212
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: 54.030 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

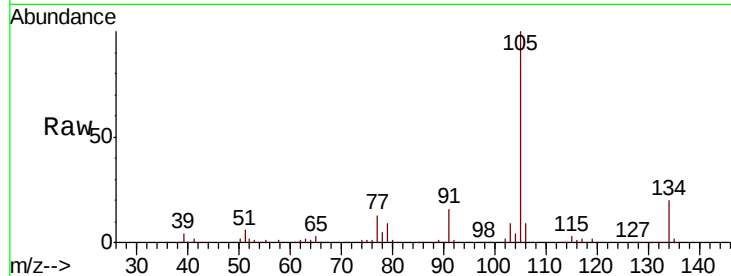
ClientSampled :

Tot Ion:105 Resp: 235547

Ion Ratio Lower Upper

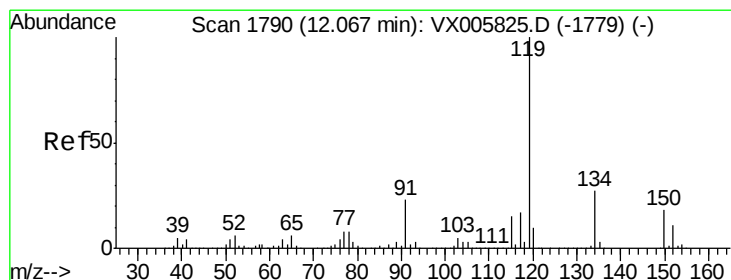
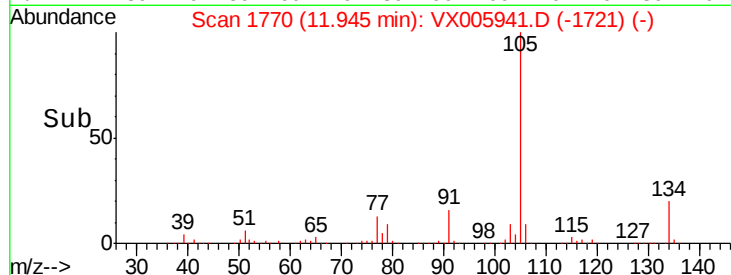
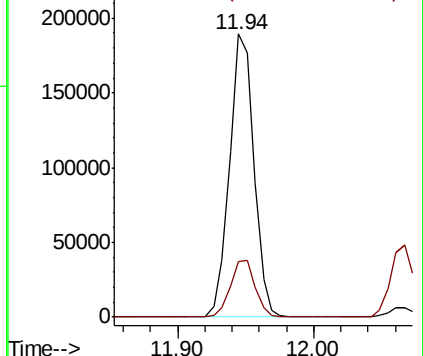
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.949 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

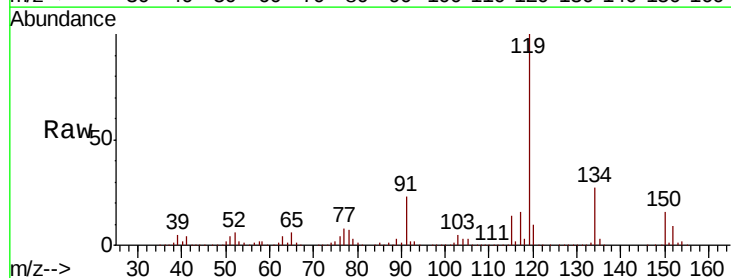
Tgt Ion:119 Resp: 216056

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

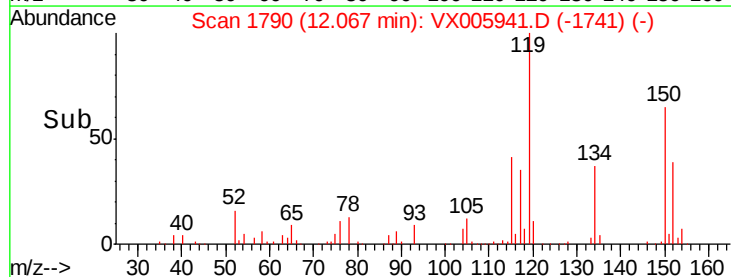
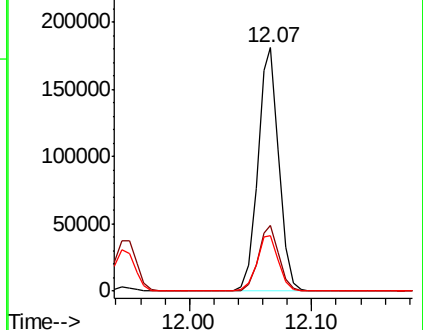
91 23.6 11.4 34.2

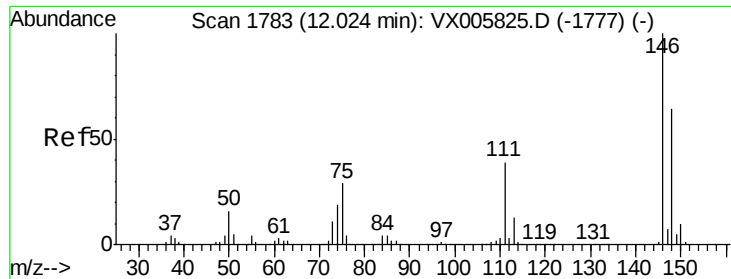


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

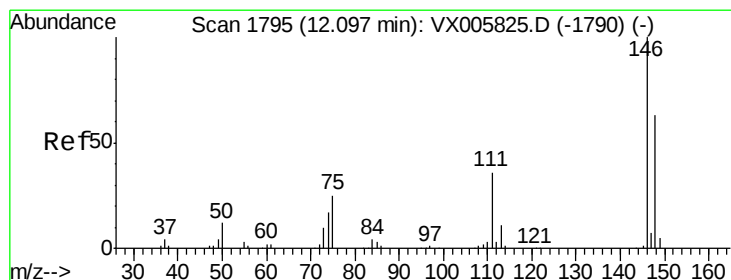
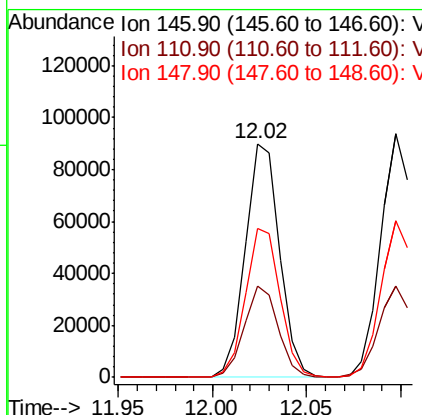
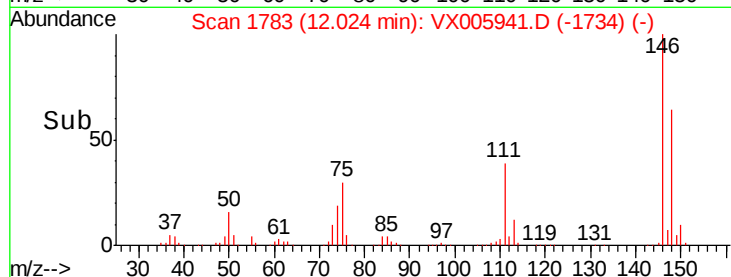
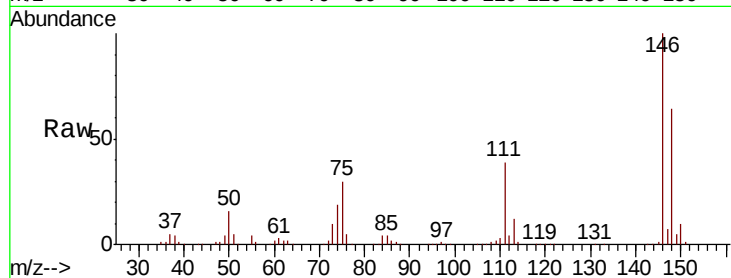




#87
 1,3-Dichlorobenzene
 Concen: 50.717 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

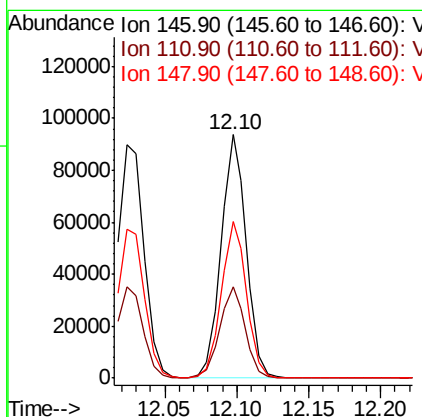
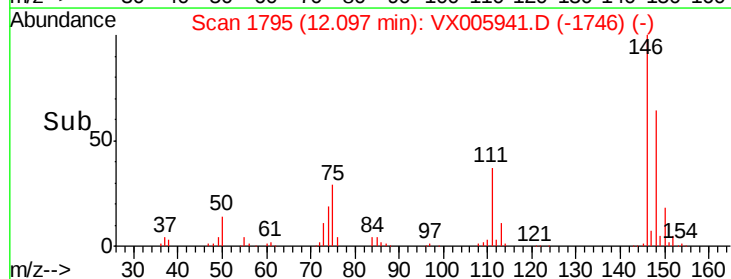
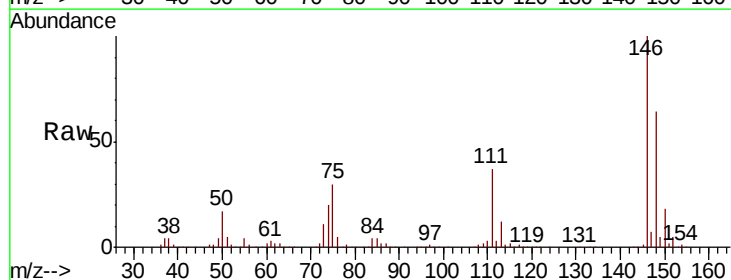
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 113766
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.239 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion:146 Resp: 115364
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 64.3 32.1 96.3

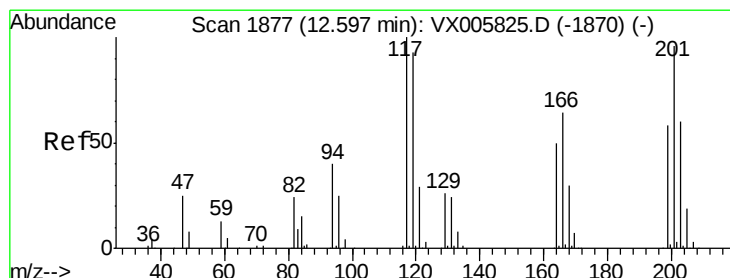
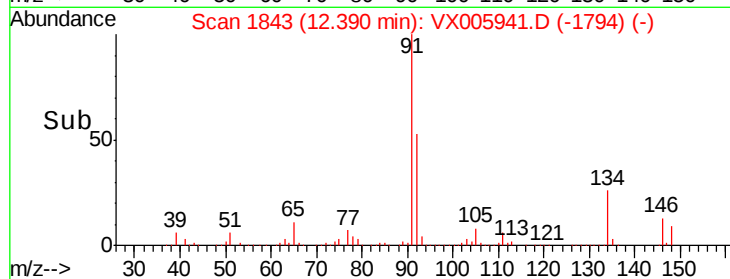
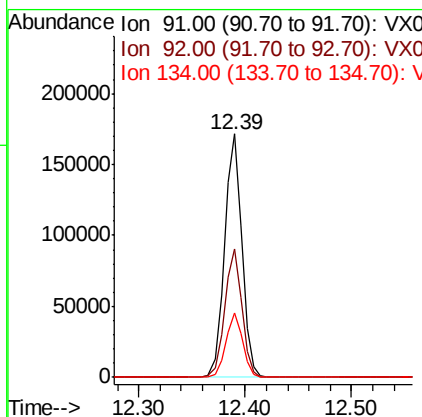
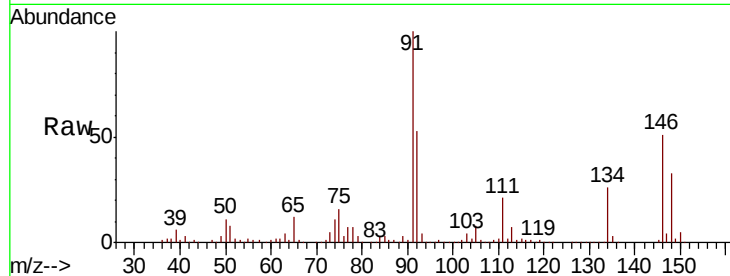




#89
n-Butylbenzene
Concen: 54.501 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

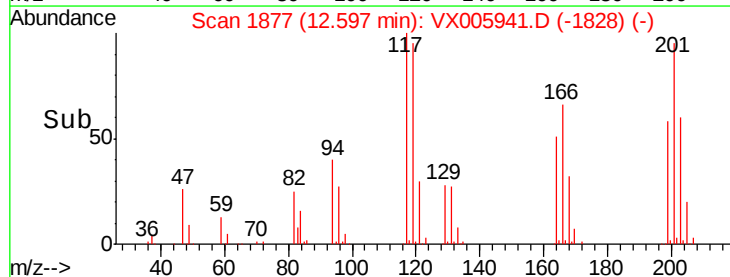
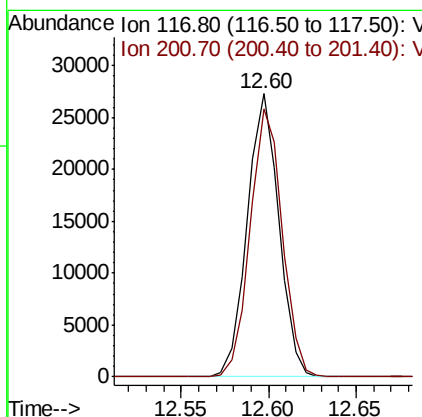
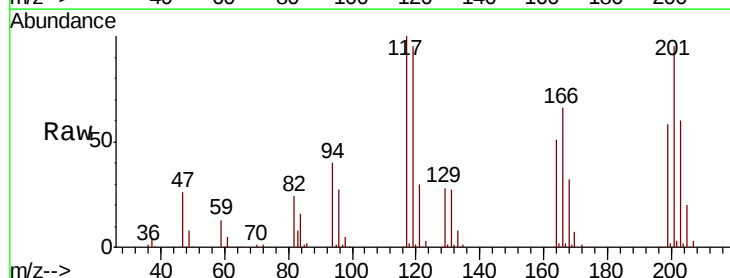
Instrument :
MSVOA_X
ClientSampled :

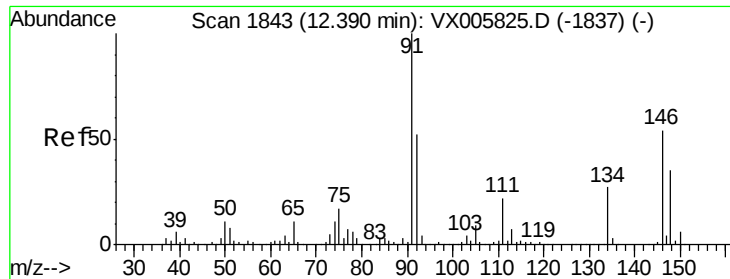
Tot Ion: 91 Resp: 195058
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 25.8 13.1 39.3



#90
Hexachloroethane
Concen: 53.113 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005941.D
Acq: 13 Nov 2018 11:27

Tgt Ion: 117 Resp: 34243
Ion Ratio Lower Upper
117 100
201 95.9 47.9 143.6

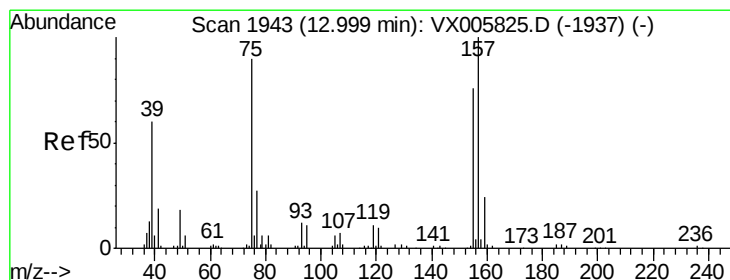
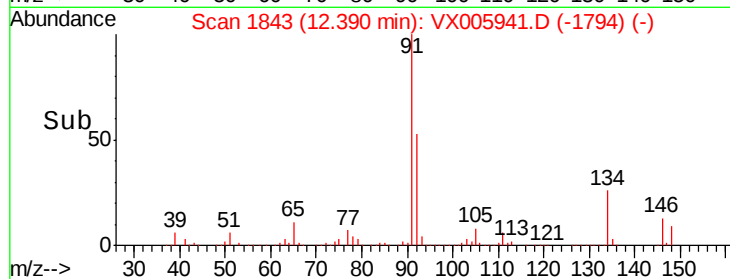
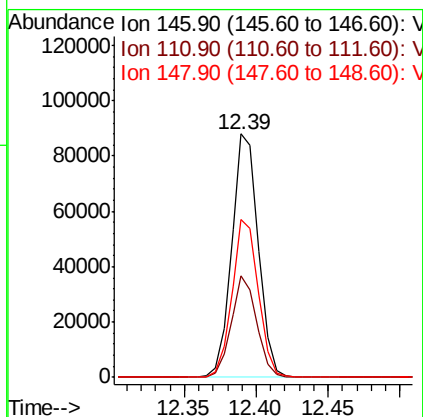
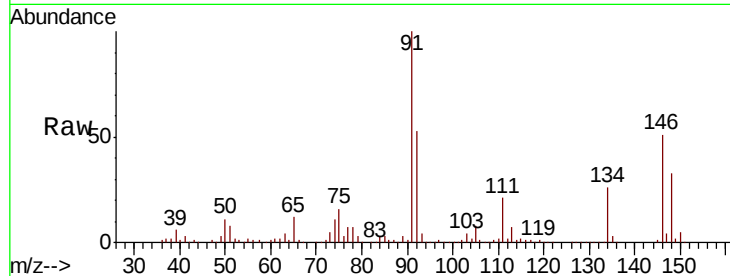




#91
 1,2-Dichlorobenzene
 Concen: 50.598 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

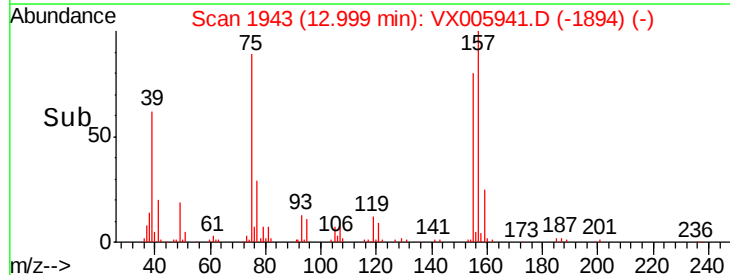
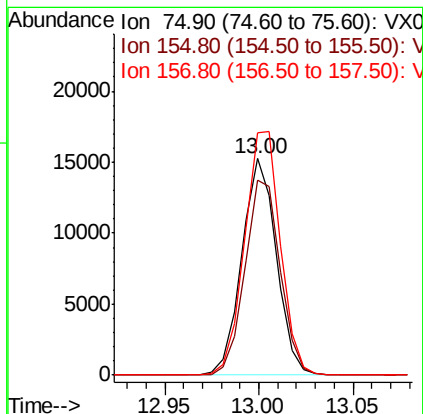
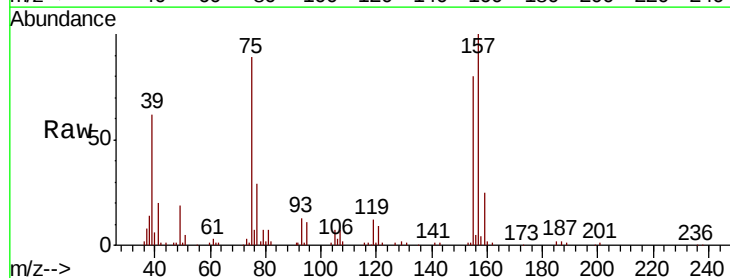
Instrument :
 MSVOA_X
 ClientSampled :

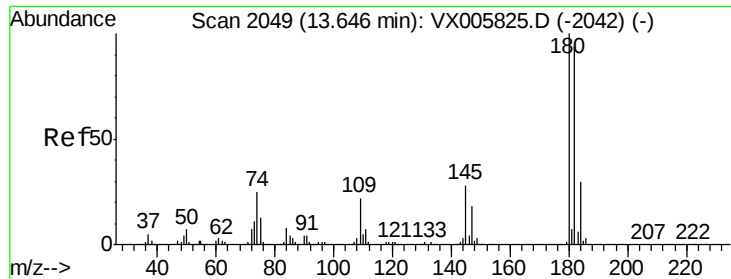
Tot Ion:146 Resp: 113701
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.113 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion: 75 Resp: 19356
 Ion Ratio Lower Upper
 75 100
 155 92.2 45.4 136.1
 157 116.7 57.4 172.0

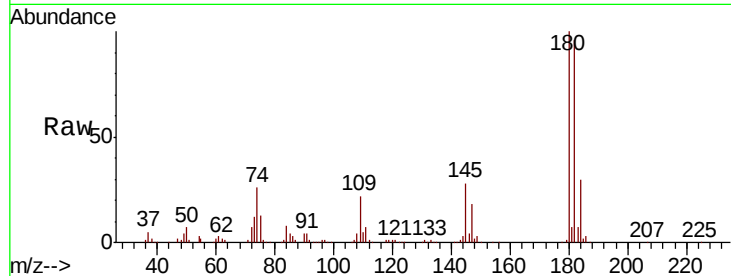




#93
 1,2,4-Trichlorobenzene
 Concen: 54.909 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.8
145	27.9	14.1	42.2

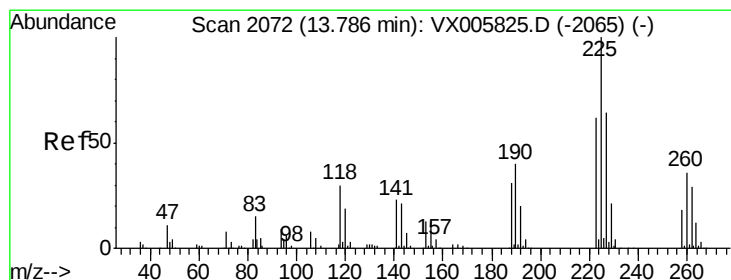
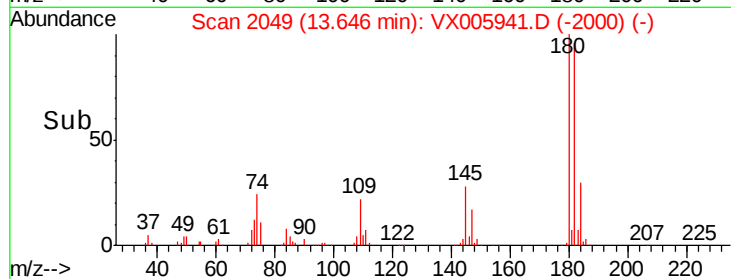
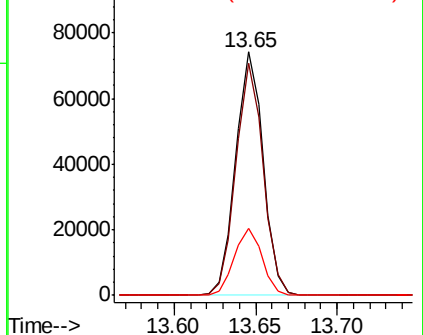


Abundance

Ion 179.80 (179.50 to 180.50): V

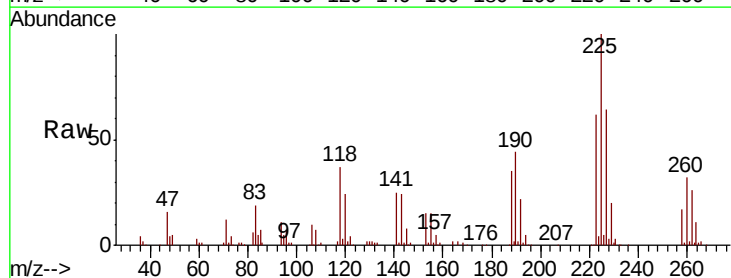
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.872 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005941.D
 Acq: 13 Nov 2018 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.7	95.1
227	64.6	32.3	96.9

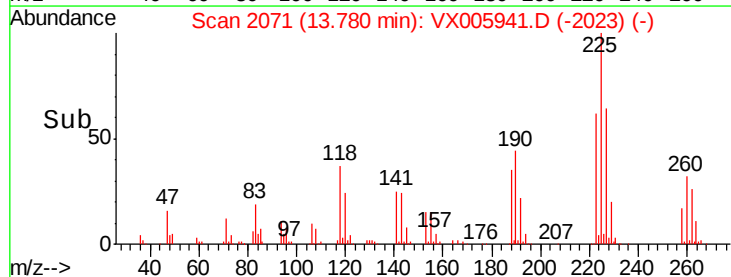
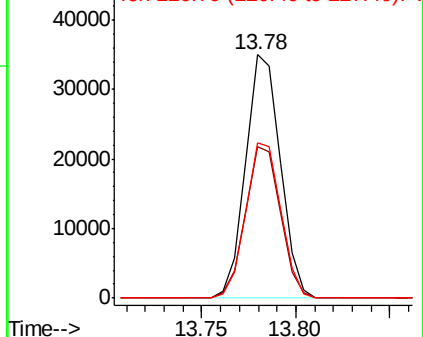


Abundance

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: 49.951 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

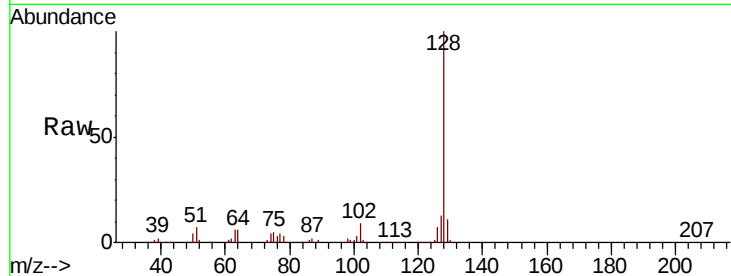
Tot Ion:128 Resp: 257695

Ion Ratio Lower Upper

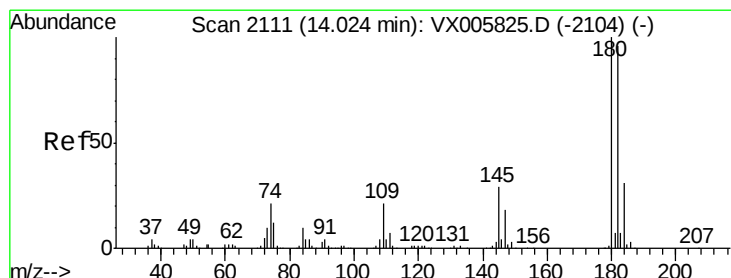
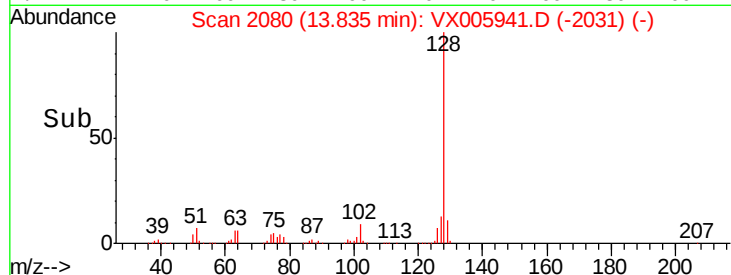
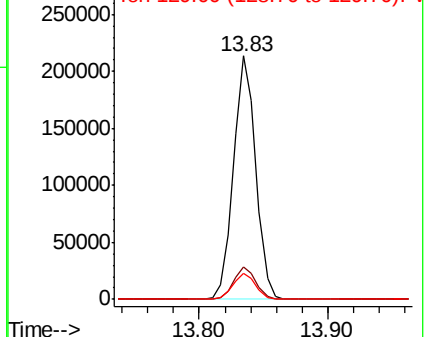
128 100

127 13.1 10.4 15.6

129 10.9 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: 54.292 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005941.D

Acq: 13 Nov 2018 11:27

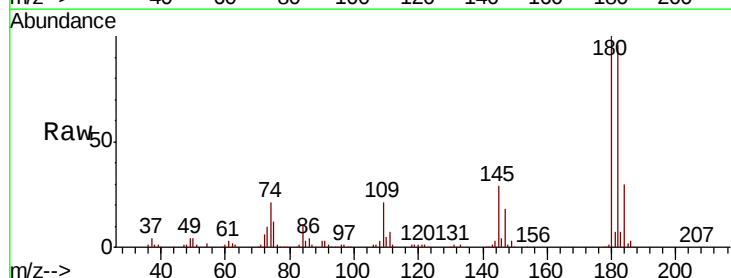
Tgt Ion:180 Resp: 87499

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 29.7 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

