

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030218\
 Data File : VX000191.D
 Acq On : 02 Mar 2018 15:10
 Operator : JC/MD
 Sample : VX0302WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 04:40:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	89519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	82060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	66490	59.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.96%	
35) Dibromofluoromethane	5.51	113	49499	53.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	199203	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	11.15	95	79613	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24847	26.96	ug/l	99
3) Chloromethane	1.32	50	21500	23.78	ug/l	99
4) Vinyl Chloride	1.41	62	24062	23.89	ug/l	93
5) Bromomethane	1.65	94	19811	23.57	ug/l	99
6) Chloroethane	1.73	64	14704	21.74	ug/l	96
7) Trichlorofluoromethane	1.93	101	38908	21.61	ug/l	95
8) Diethyl Ether	2.19	74	12624	20.31	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20981	20.85	ug/l	94
10) Methyl Iodide	2.52	142	17992	16.32	ug/l	93
11) Tert butyl alcohol	3.06	59	42361	98.33	ug/l	99
12) 1,1-Dichloroethene	2.38	96	19327	20.62	ug/l	88
13) Acrolein	2.29	56	20901	101.57	ug/l	99
14) Allyl chloride	2.73	41	34262	21.83	ug/l	95
15) Acrylonitrile	3.15	53	78678	106.94	ug/l	100
16) Acetone	2.45	43	92056	126.97	ug/l	99
17) Carbon Disulfide	2.57	76	51406	18.63	ug/l	97
18) Methyl Acetate	2.78	43	36179	21.28	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	64517	20.05	ug/l	96
20) Methylene Chloride	2.87	84	20000	20.69	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	20621	20.29	ug/l	94
22) Diisopropyl ether	3.88	45	62505	22.79	ug/l	96
23) Vinyl Acetate	3.83	43	302088	118.55	ug/l	98
24) 1,1-Dichloroethane	3.71	63	36304	22.35	ug/l	99
25) 2-Butanone	4.71	43	109444	108.13	ug/l	99
26) 2,2-Dichloropropane	4.59	77	26206	18.56	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	18611	19.22	ug/l	94
28) Bromochloromethane	5.03	49	15793	21.68	ug/l	87
29) Tetrahydrofuran	5.17	42	67346	102.18	ug/l	97
30) Chloroform	5.22	83	33197	19.42	ug/l	93
31) Cyclohexane	5.59	56	28849	20.65	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	30344	19.28	ug/l	97
36) 1,1-Dichloropropene	5.81	75	26639	20.37	ug/l	97
37) Ethyl Acetate	4.87	43	36038	20.06	ug/l	98
38) Carbon Tetrachloride	5.79	117	24756	17.53	ug/l	97

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 ClientSampleId :

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32382	20.57	ug/l #	89
40) Benzene	6.15	78	76435	20.46	ug/l	96
41) Methacrylonitrile	5.07	41	18601	21.27	ug/l	96
42) 1,2-Dichloroethane	6.21	62	30431	22.20	ug/l	97
43) Isopropyl Acetate	6.47	43	52706	20.35	ug/l	98
44) Trichloroethene	7.22	130	21715	19.74	ug/l	93
45) 1,2-Dichloropropane	7.52	63	18928	20.67	ug/l	89
46) Dibromomethane	7.67	93	14993	20.99	ug/l	94
47) Bromodichloromethane	7.90	83	25812	19.56	ug/l	96
48) Methyl methacrylate	7.79	41	26227	20.65	ug/l	95
49) 1,4-Dioxane	7.77	88	11522	346.05	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	203392	107.41	ug/l	96
52) Toluene	8.79	92	51444	20.61	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	29423	18.96	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	28691	18.62	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	21150	20.49	ug/l	97
56) Ethyl methacrylate	9.19	69	30571	19.30	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	34158	20.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	59300	74.07	ug/l	95
59) 2-Hexanone	9.51	43	174794	109.02	ug/l	96
60) Dibromochloromethane	9.59	129	20570	17.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	22533	19.67	ug/l	99
64) Tetrachloroethene	9.34	164	20660	19.67	ug/l	98
65) Chlorobenzene	10.15	112	59312	19.48	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	18910	17.75	ug/l	97
67) Ethyl Benzene	10.26	91	104105	20.37	ug/l	96
68) m/p-Xylenes	10.37	106	79085	39.08	ug/l	96
69) o-Xylene	10.71	106	38071	19.50	ug/l	96
70) Styrene	10.72	104	63215	19.81	ug/l	98
71) Bromoform	10.87	173	14635	15.13	ug/l #	95
73) Isopropylbenzene	11.02	105	104561	20.10	ug/l	96
74) N-amyl acetate	6.47	43	52706	20.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	36585	20.20	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	41298	24.29	ug/l	84
77) Bromobenzene	11.26	156	26409	18.74	ug/l	91
78) n-propylbenzene	11.37	91	126213	20.58	ug/l	98
79) 2-Chlorotoluene	11.43	91	69175	19.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	87669	19.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	9835	16.48	ug/l #	85
82) 4-Chlorotoluene	11.52	91	84179	19.83	ug/l	96
83) tert-Butylbenzene	11.78	119	85555	19.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	90536	19.83	ug/l	100
85) sec-Butylbenzene	11.96	105	110534	20.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	100001	20.30	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	51772	19.15	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	53297	19.08	ug/l	98
89) n-Butylbenzene	12.40	91	95885	20.64	ug/l	96
90) Hexachloroethane	12.60	117	14550	18.14	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	49339	18.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9866	19.62	ug/l	82

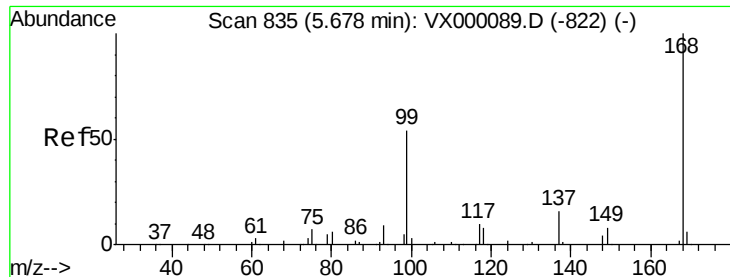
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	36050	18.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	14892	17.09	ug/l	97
95) Naphthalene	13.84	128	124780	18.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	35757	18.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

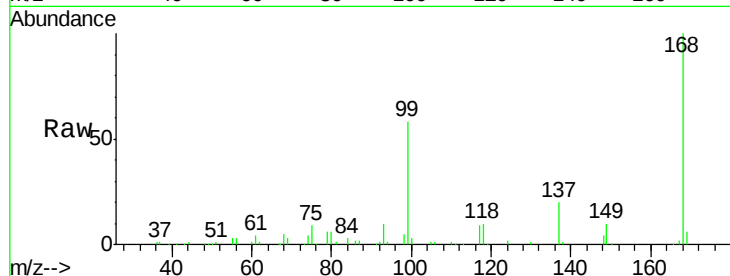
ClientSampleId :

Tot Ion:168 Resp: 89519

Ion Ratio Lower Upper

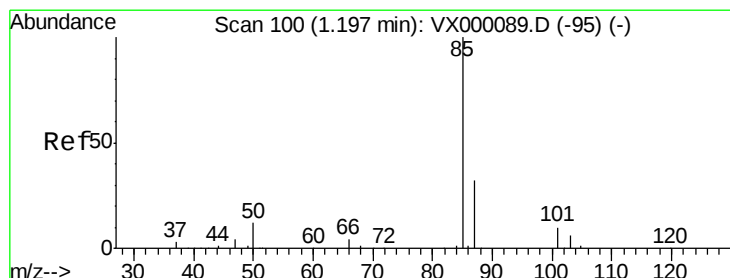
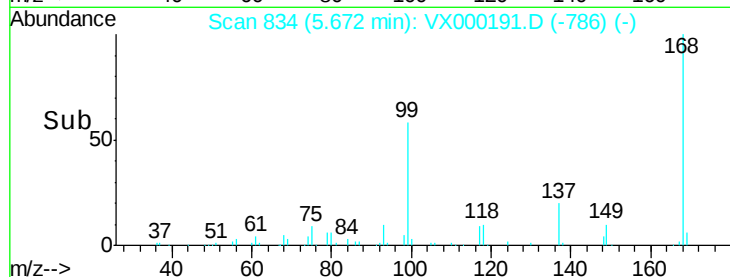
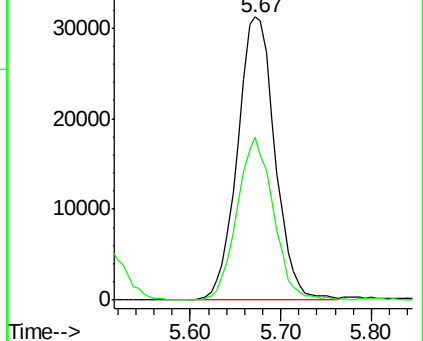
168 100

99 57.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 26.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000191.D

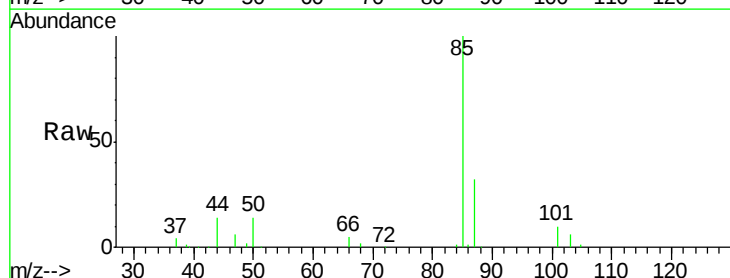
Acq: 02 Mar 2018 15:10

Tgt Ion: 85 Resp: 24847

Ion Ratio Lower Upper

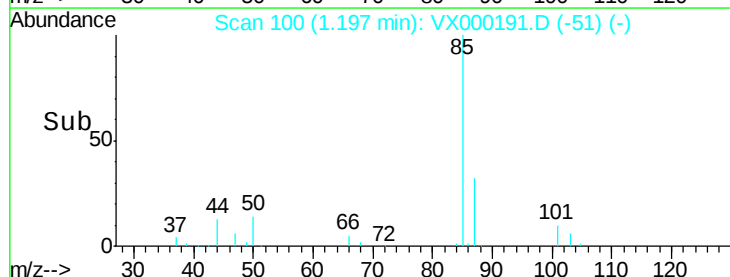
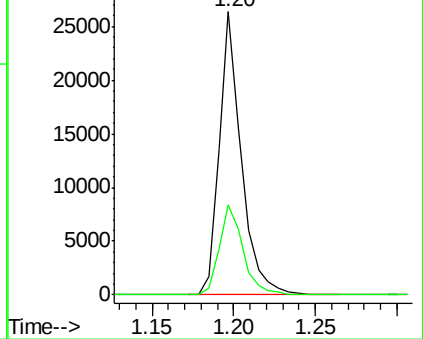
85 100

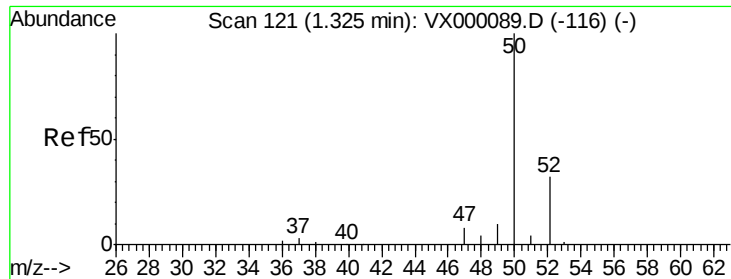
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

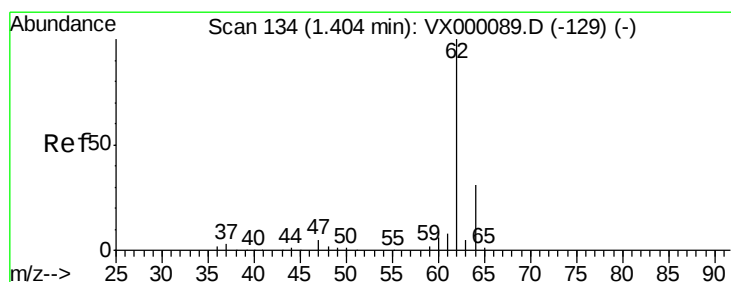
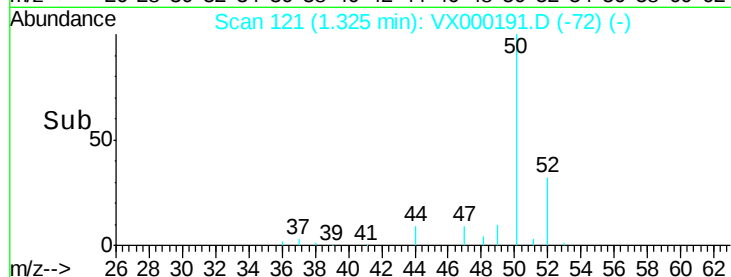
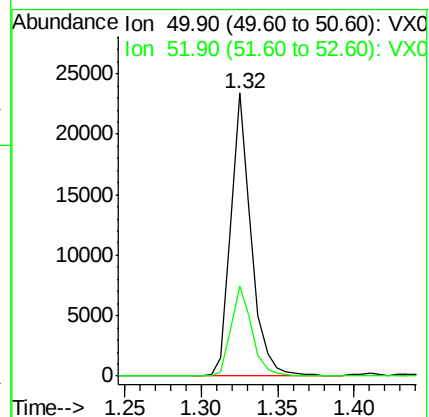
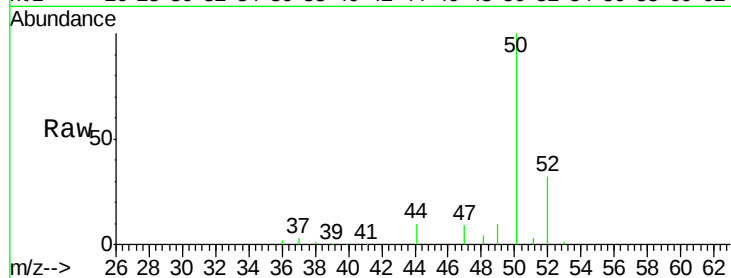
ClientSampled :

Tot Ion: 50 Resp: 21500

Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



#4

Vinyl Chloride

Concen: 23.89 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000191.D

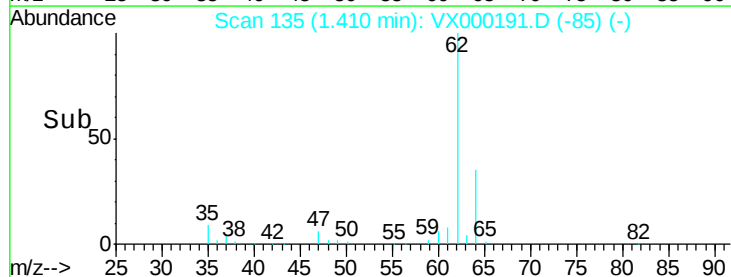
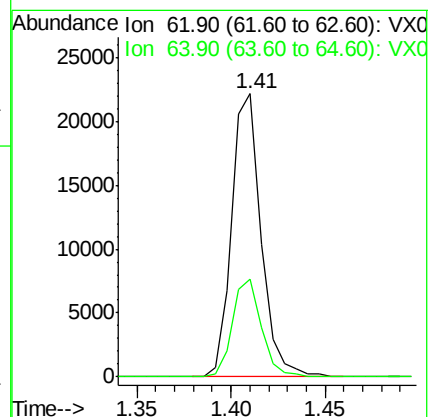
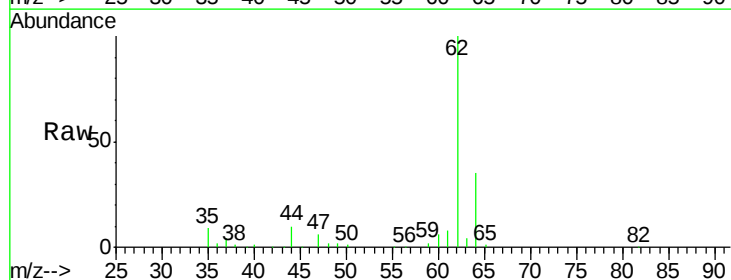
Acq: 02 Mar 2018 15:10

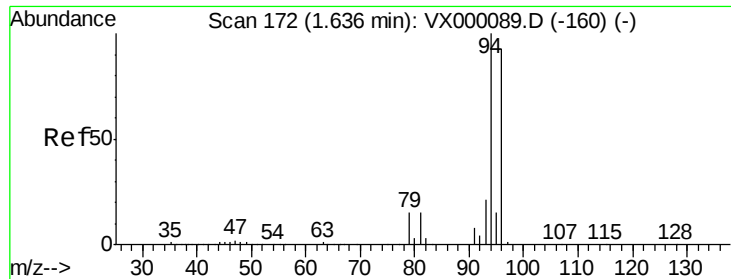
Tgt Ion: 62 Resp: 24062

Ion Ratio Lower Upper

62 100

64 34.6 24.6 37.0





#5

Bromomethane

Concen: 23.57 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

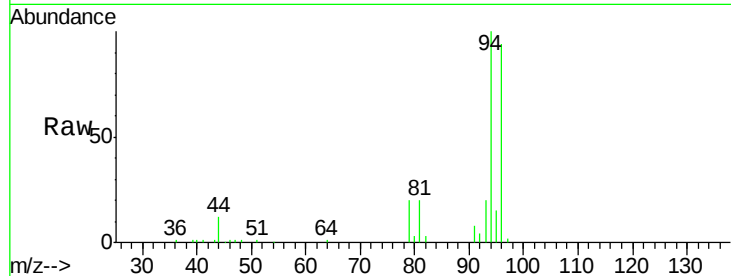
ClientSampleId :

Tot Ion: 94 Resp: 19811

Ion Ratio Lower Upper

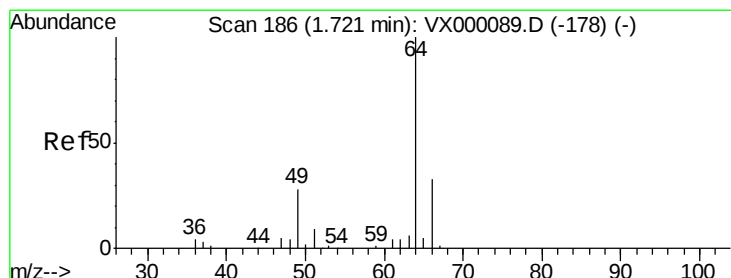
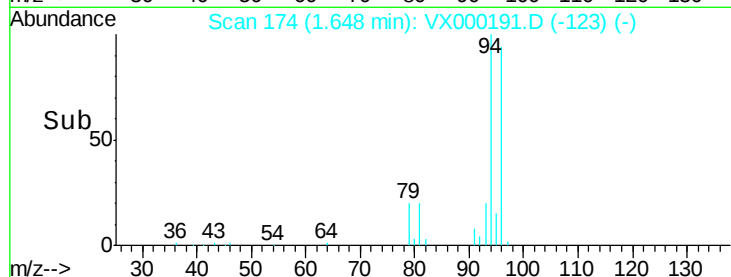
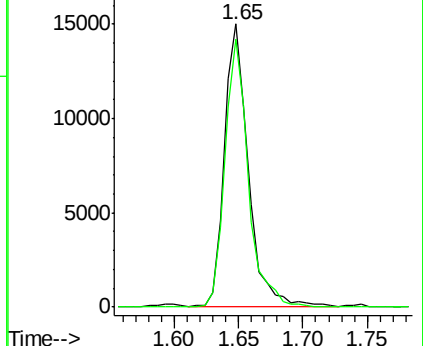
94 100

96 94.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.74 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000191.D

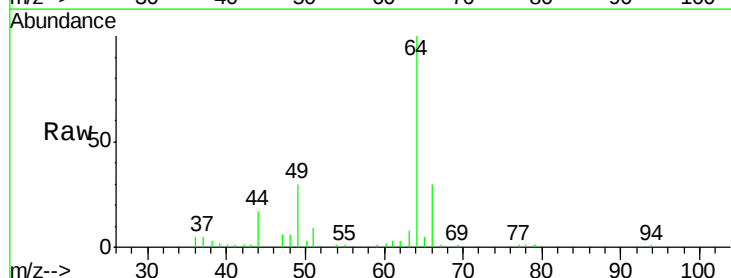
Acq: 02 Mar 2018 15:10

Tgt Ion: 64 Resp: 14704

Ion Ratio Lower Upper

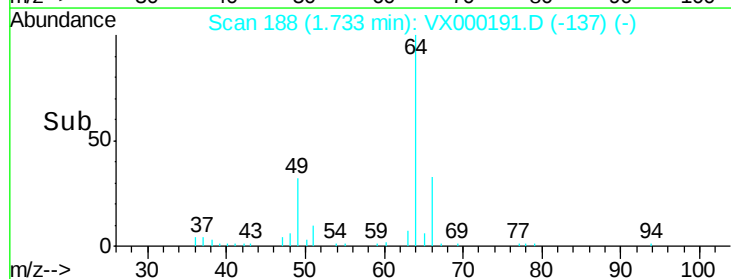
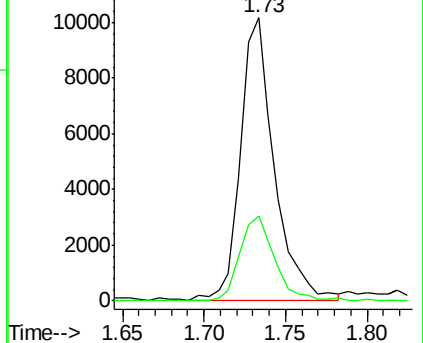
64 100

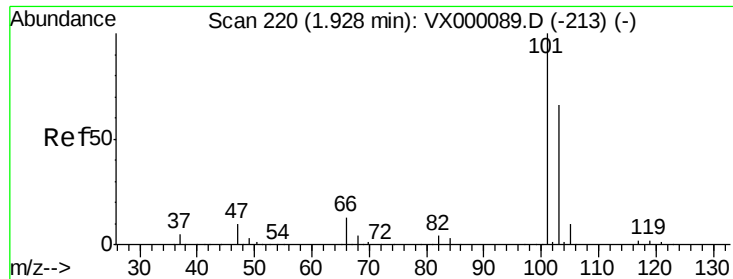
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



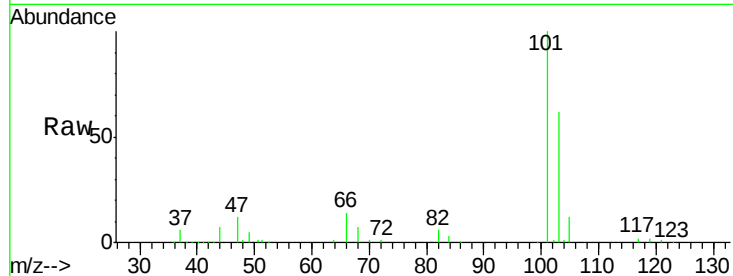


#7

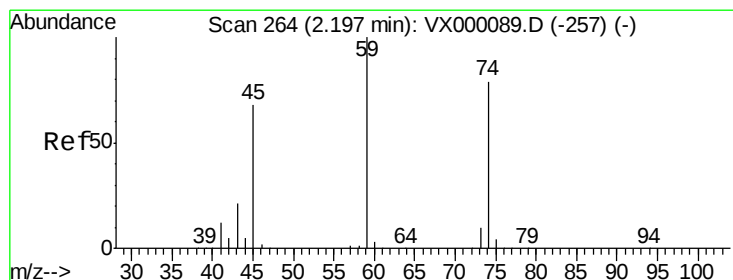
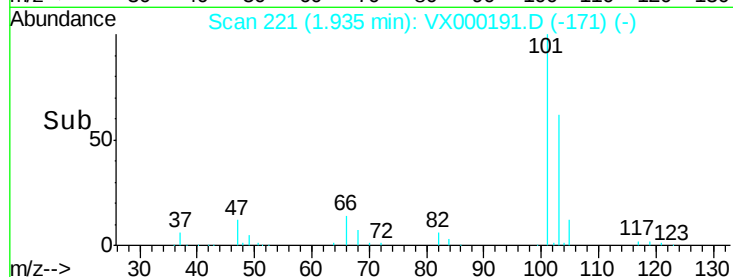
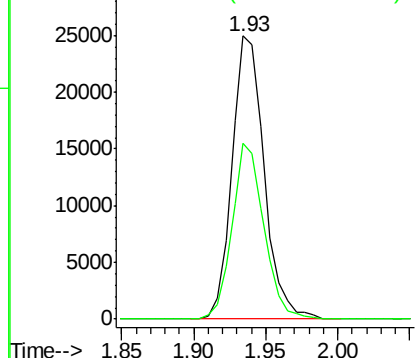
Trichlorofluoromethane
Concen: 21.61 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 38908
Ion Ratio Lower Upper
101 100
103 62.0 52.7 79.1



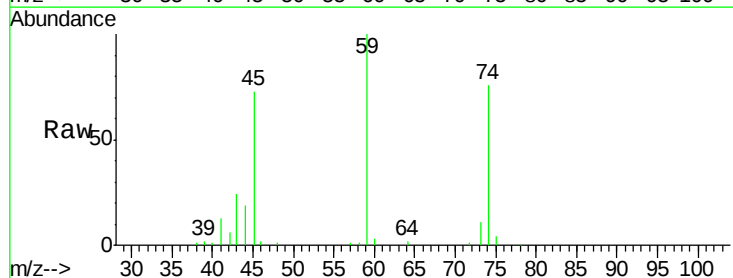
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



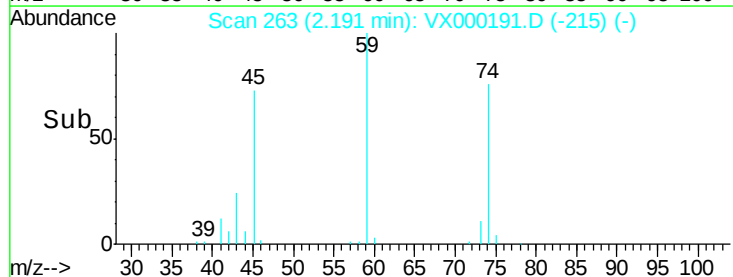
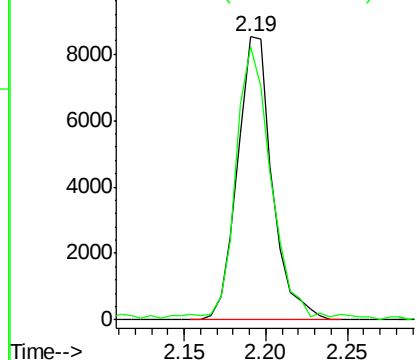
#8

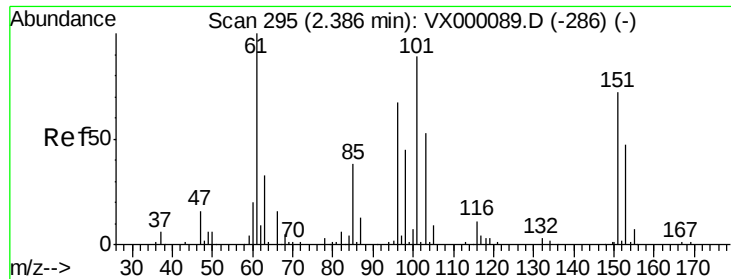
Diethyl Ether
Concen: 20.31 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 74 Resp: 12624
Ion Ratio Lower Upper
74 100
45 100.6 44.7 134.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.85 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

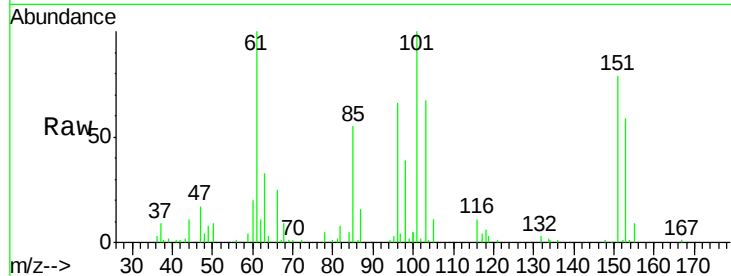
Tot Ion:101 Resp: 20981

Ion Ratio Lower Upper

101 100

85 48.6 36.7 55.1

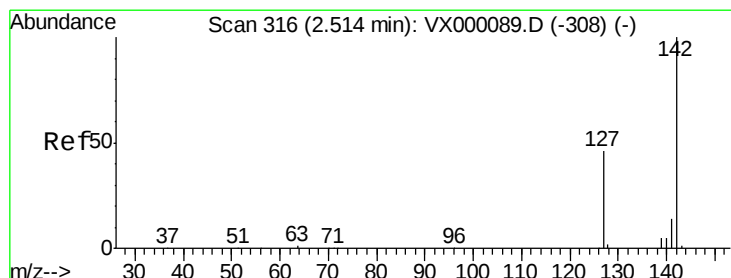
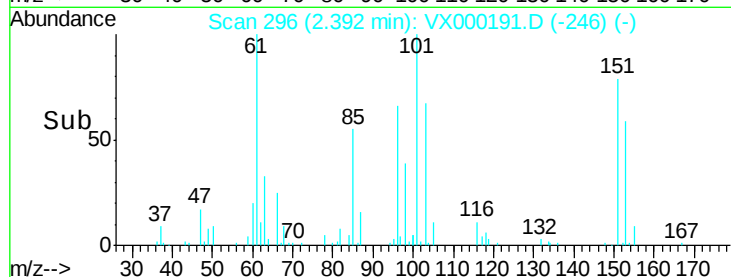
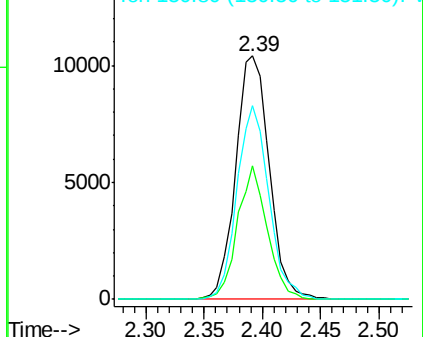
151 75.3 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.32 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

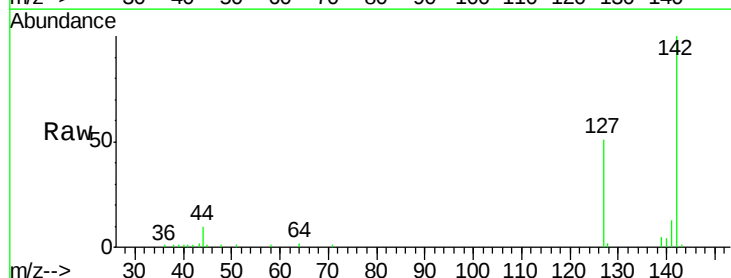
Tgt Ion:142 Resp: 17992

Ion Ratio Lower Upper

142 100

127 51.6 36.8 55.2

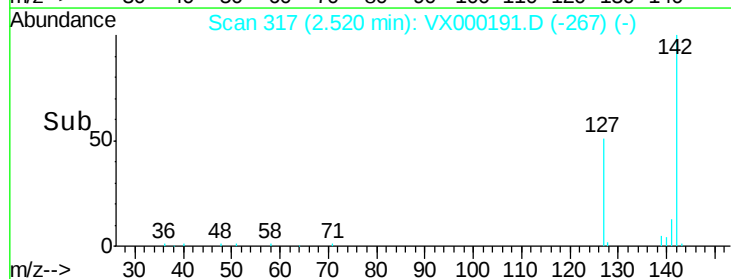
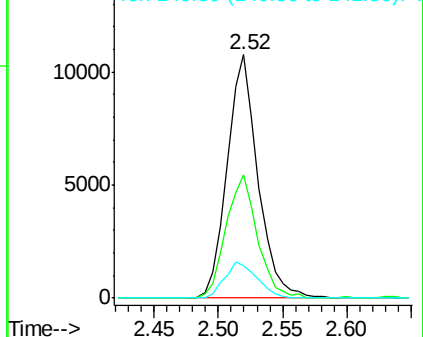
141 15.3 11.6 17.4

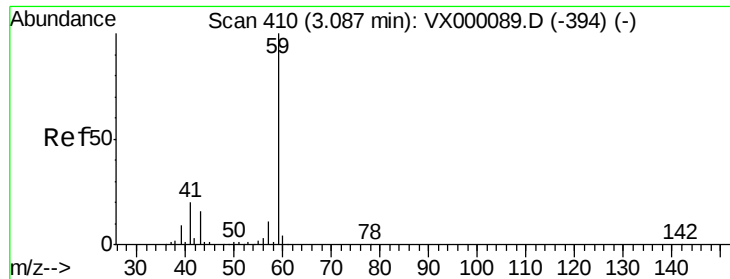


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

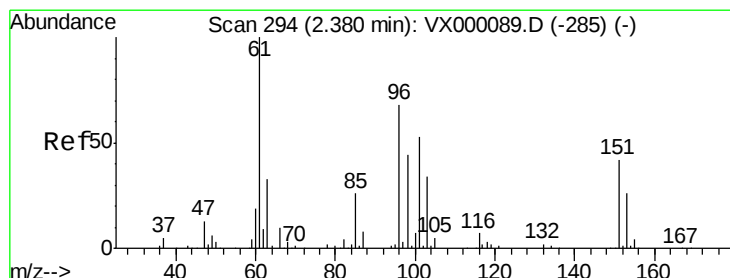
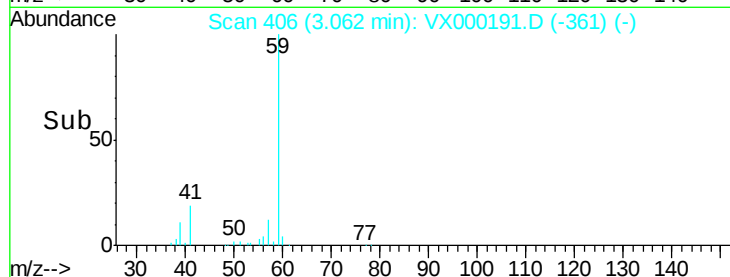
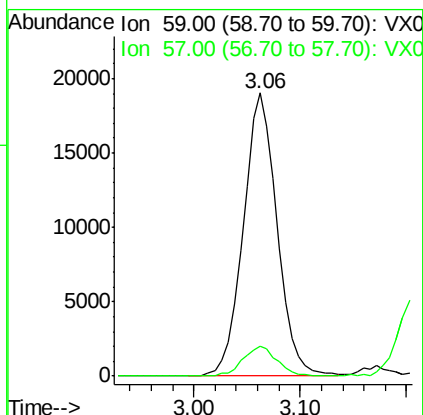
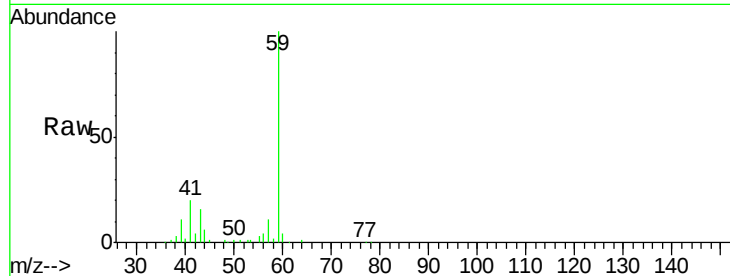




#11
Tert butyl alcohol
Concen: 98.33 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

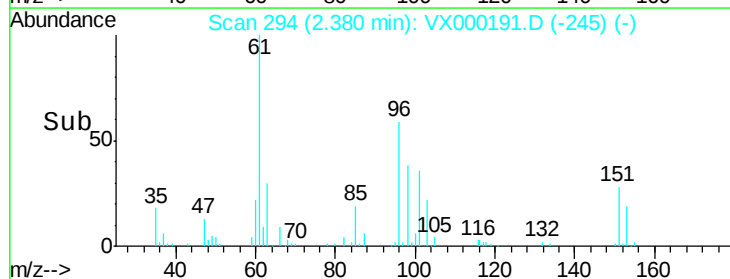
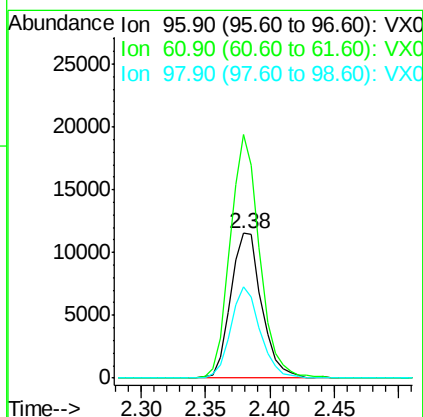
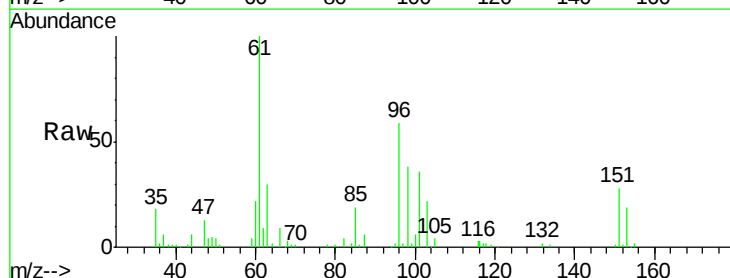
Instrument :
MSVOA_X
ClientSampleId :

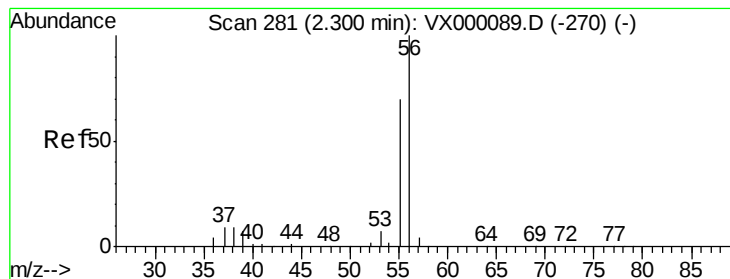
Tot Ion: 59 Resp: 42361
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.62 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 96 Resp: 19327
Ion Ratio Lower Upper
96 100
61 168.5 117.7 176.5
98 63.4 51.3 76.9





#13

Acrolein

Concen: 101.57 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

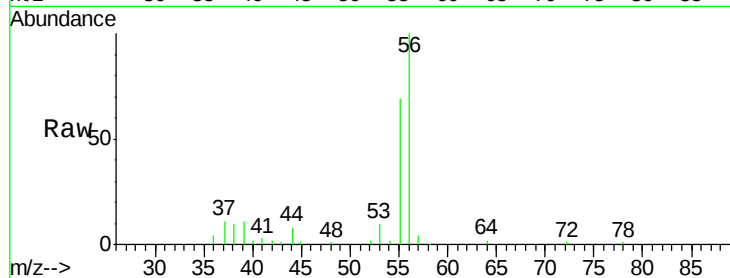
ClientSampled :

Tot Ion: 56 Resp: 20901

Ion Ratio Lower Upper

56 100

55 71.3 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

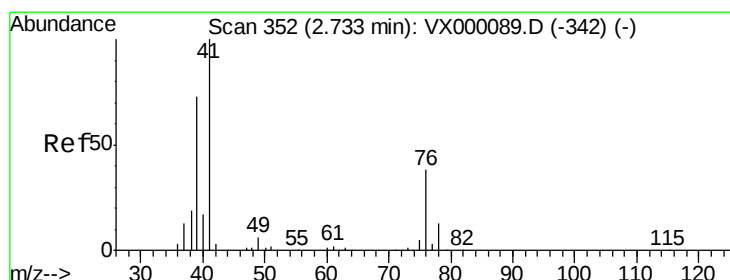
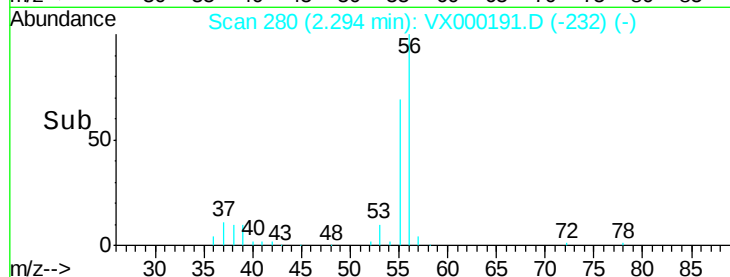
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 21.83 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

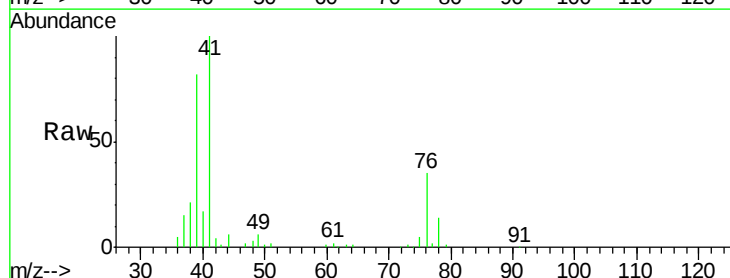
Tgt Ion: 41 Resp: 34262

Ion Ratio Lower Upper

41 100

39 72.3 55.1 82.7

76 32.1 28.5 42.7



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

2.73

20000

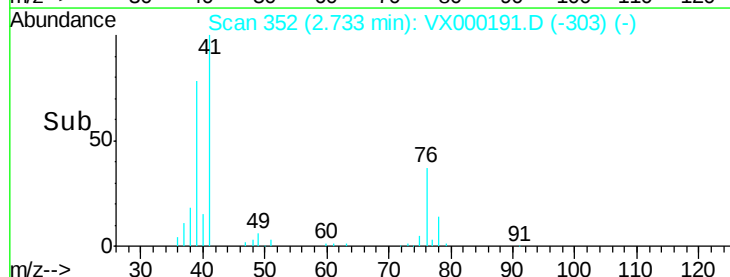
15000

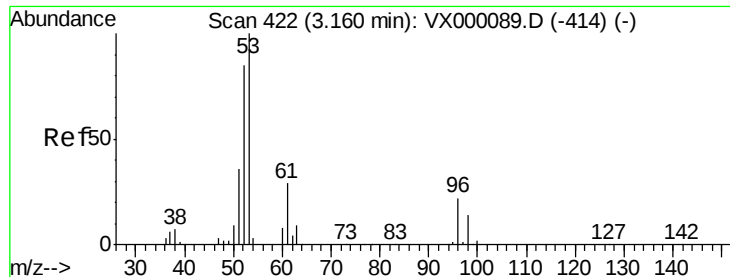
10000

5000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 106.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

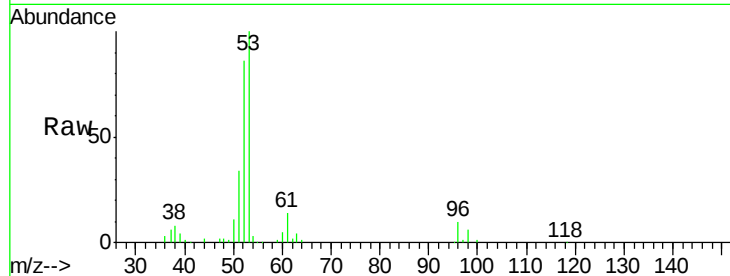
Tot Ion: 53 Resp: 78678

Ion Ratio Lower Upper

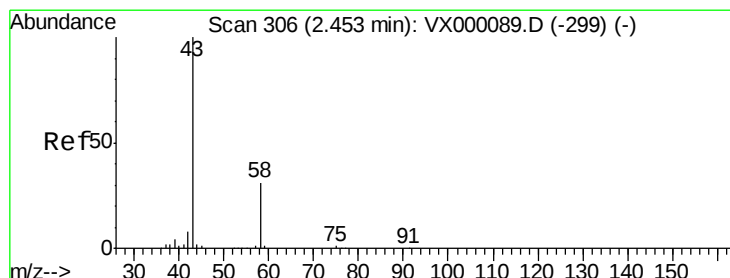
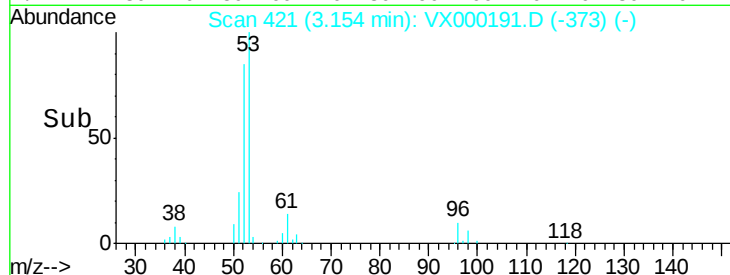
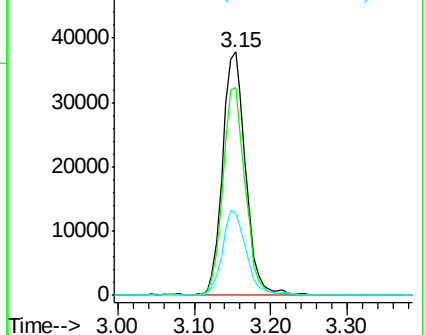
53 100

52 82.8 66.5 99.7

51 36.1 29.0 43.6



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: 126.97 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000191.D

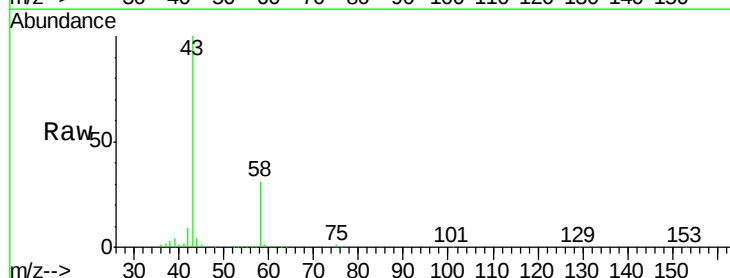
Acq: 02 Mar 2018 15:10

Tgt Ion: 43 Resp: 92056

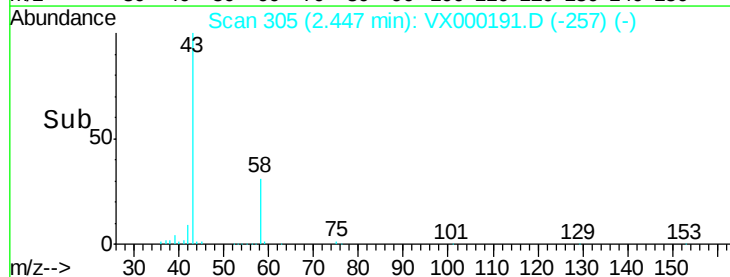
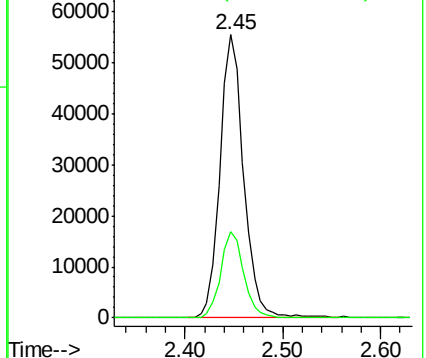
Ion Ratio Lower Upper

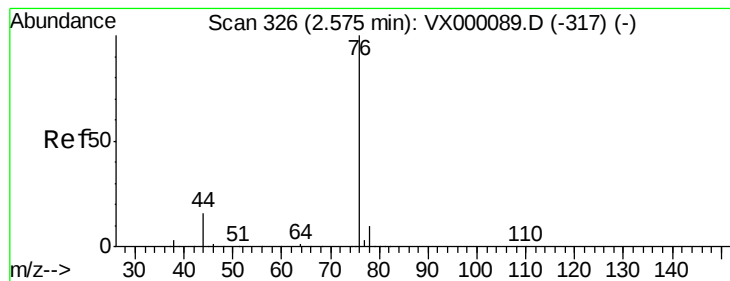
43 100

58 30.6 25.0 37.4



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





#17

Carbon Disulfide

Concen: 18.63 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

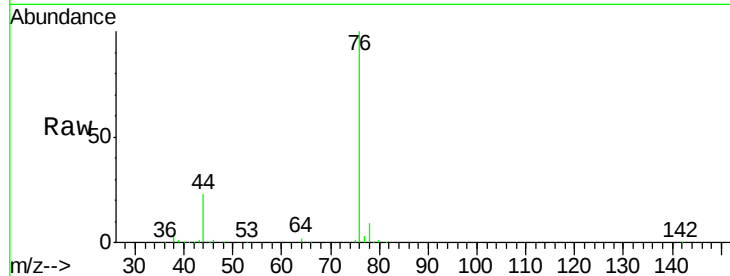
ClientSampleId :

Tot Ion: 76 Resp: 51406

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VX000089.D (-317) (-)

Ion 77.90 (77.60 to 78.60): VX000089.D (-317) (-)

2.57

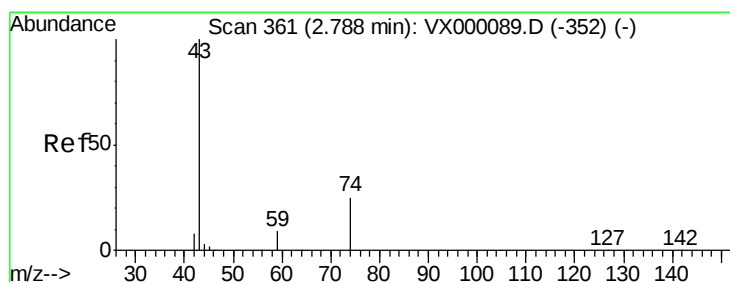
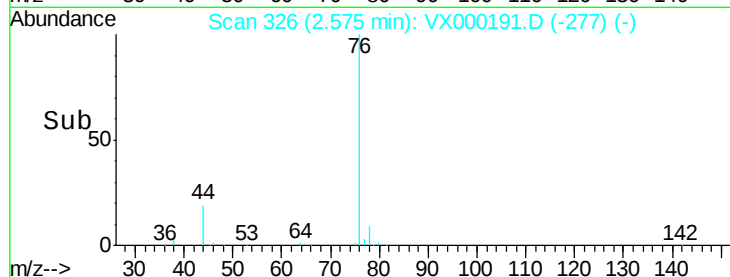
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 21.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000191.D

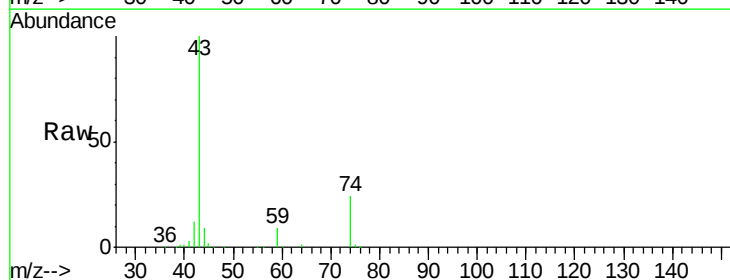
Acq: 02 Mar 2018 15:10

Tgt Ion: 43 Resp: 36179

Ion Ratio Lower Upper

43 100

74 23.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX000089.D (-352) (-)

Ion 74.00 (73.70 to 74.70): VX000089.D (-352) (-)

2.78

25000

20000

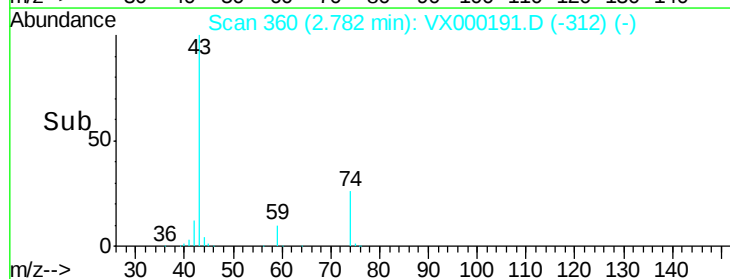
15000

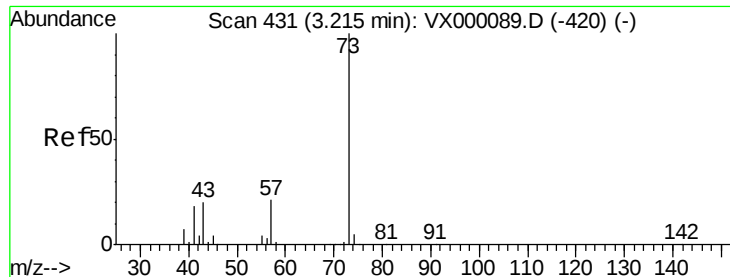
10000

5000

0

Time-->

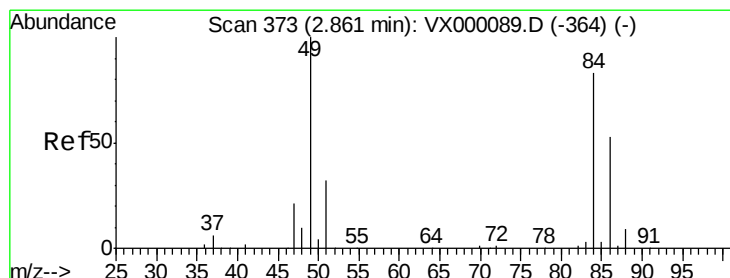
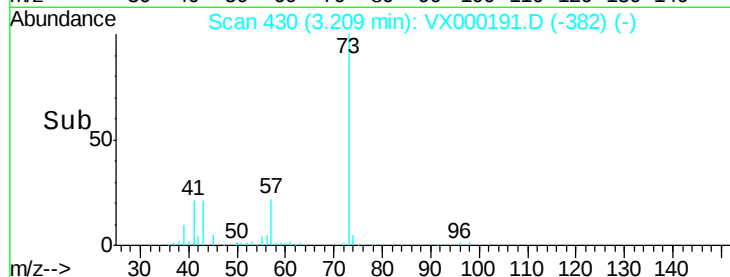
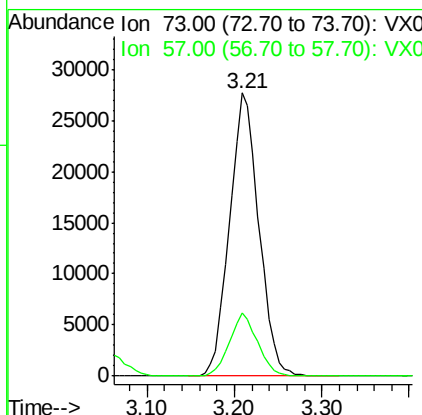
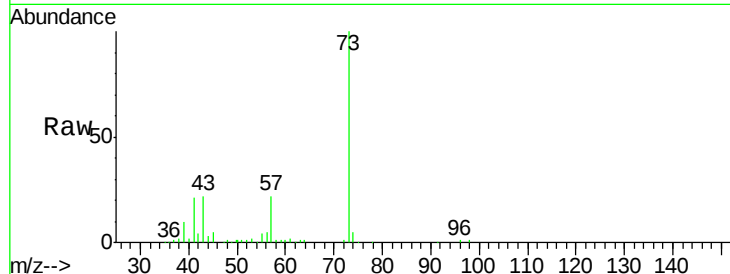




#19
Methvl tert-butvl Ether
Concen: 20.05 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

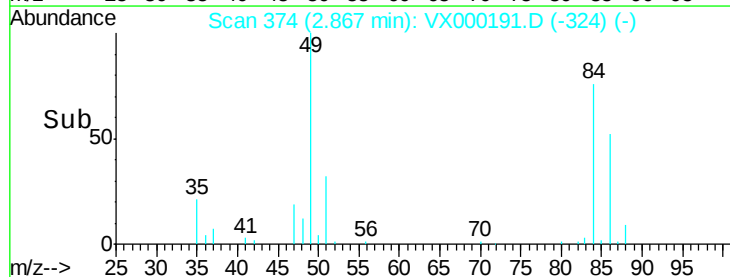
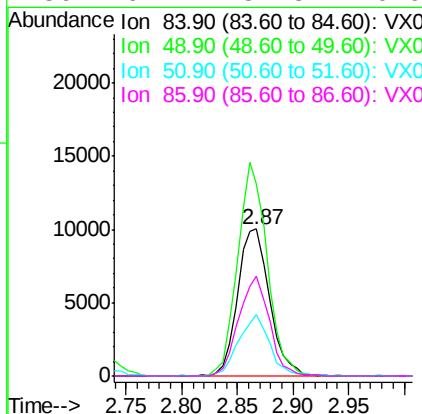
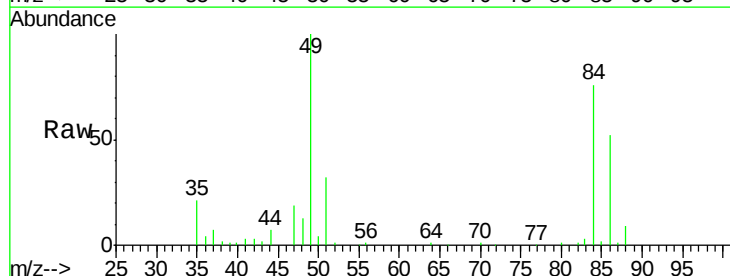
Instrument :
MSVOA_X
ClientSampleId :

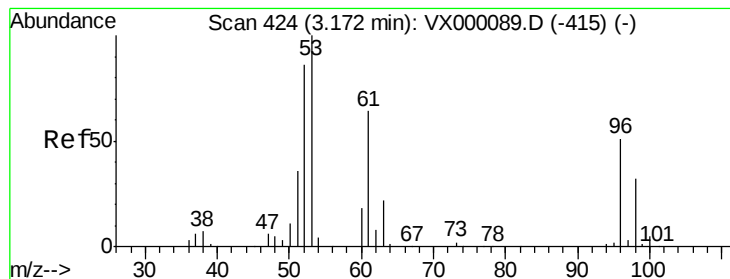
Tot Ion: 73 Resp: 64517
Ion Ratio Lower Upper
73 100
57 22.4 16.4 24.6



#20
Methylene Chloride
Concen: 20.69 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 84 Resp: 20000
Ion Ratio Lower Upper
84 100
49 130.8 96.1 144.1
51 42.3 30.5 45.7
86 67.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.29 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

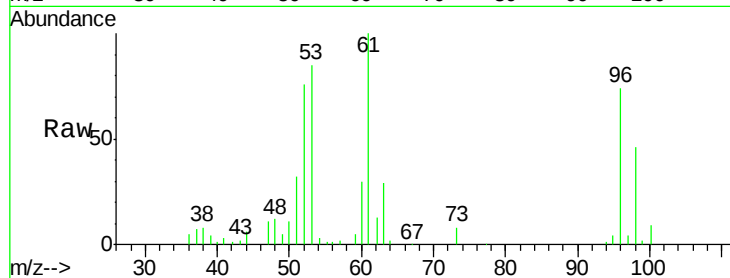
Tot Ion: 96 Resp: 20621

Ion Ratio Lower Upper

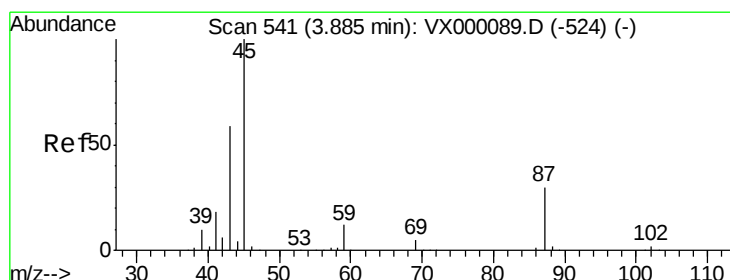
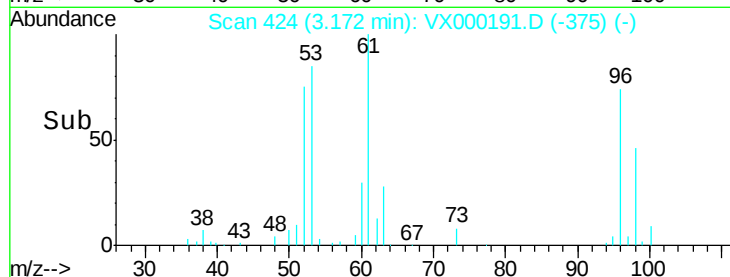
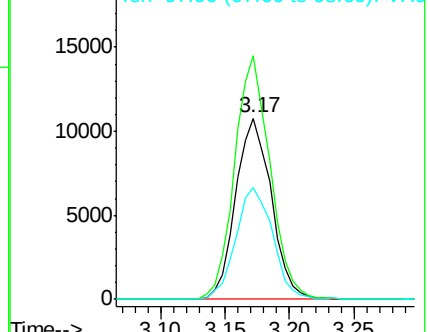
96 100

61 134.5 100.3 150.5

98 61.8 50.6 75.8



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



#22

Diisopropyl ether

Concen: 22.79 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Tgt Ion: 45 Resp: 62505

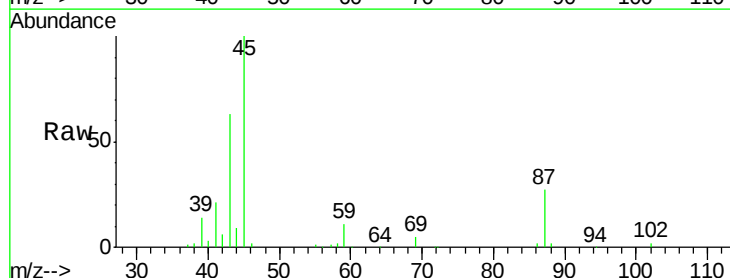
Ion Ratio Lower Upper

45 100

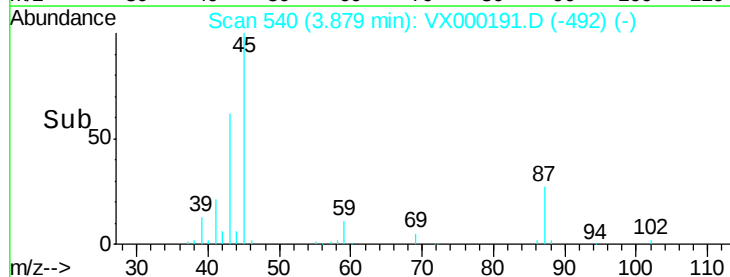
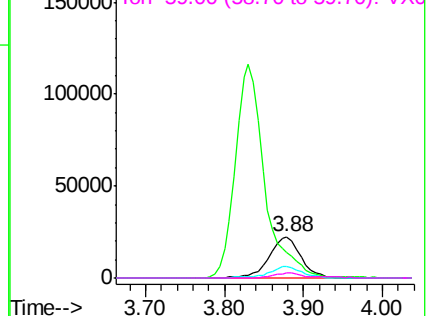
43 62.6 47.4 71.2

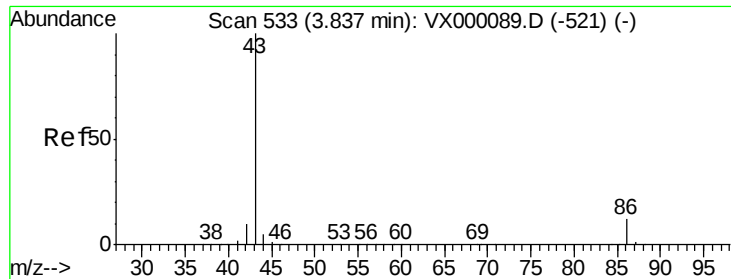
87 26.9 24.2 36.2

59 11.2 9.2 13.8



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: 118.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

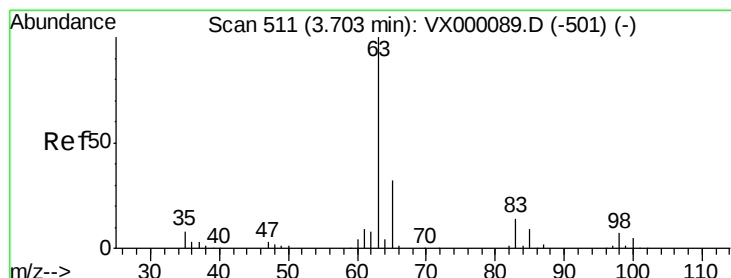
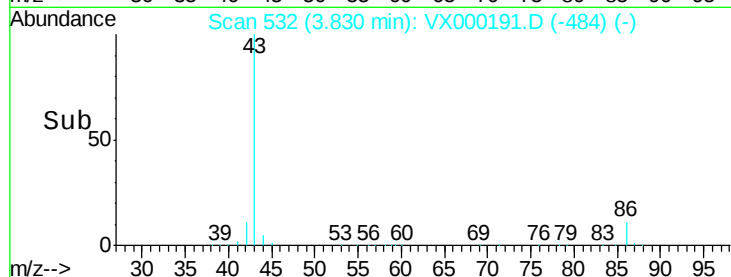
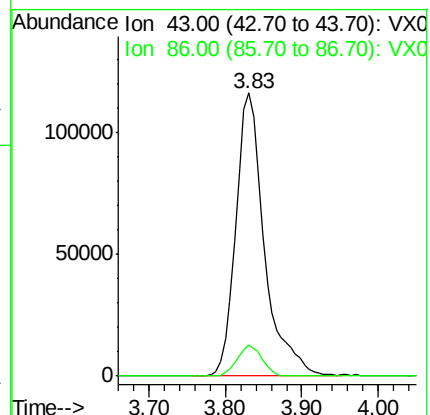
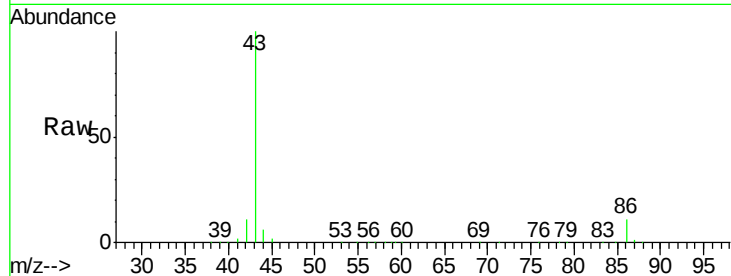
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 302088

Ion Ratio Lower Upper

43 100

86 10.9 9.4 14.0



#24

1,1-Dichloroethane

Concen: 22.35 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

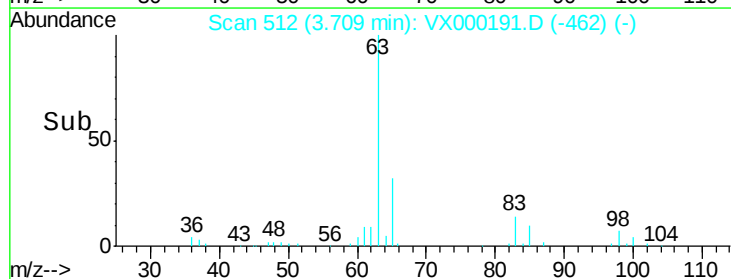
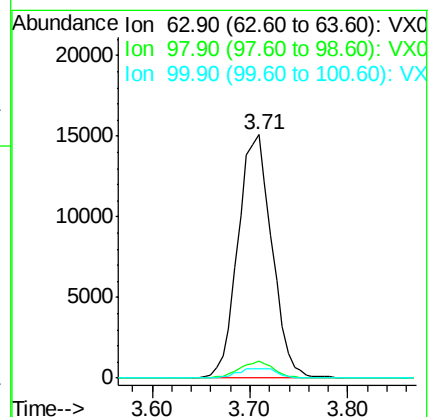
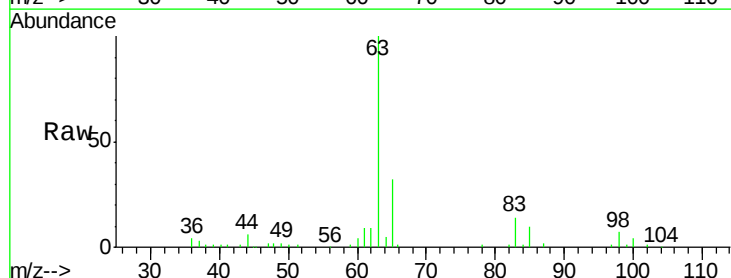
Tgt Ion: 63 Resp: 36304

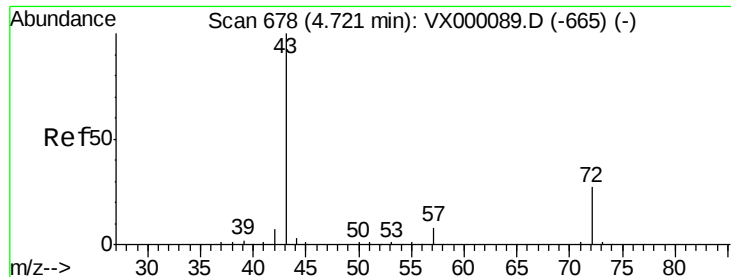
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 108.13 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

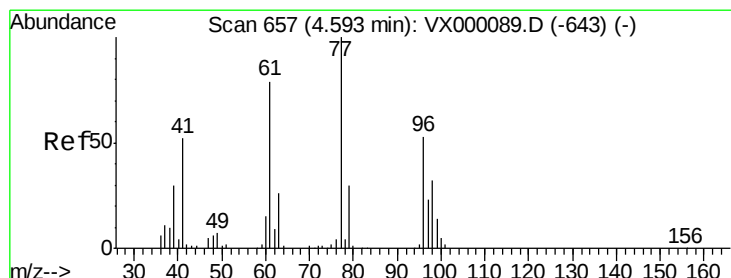
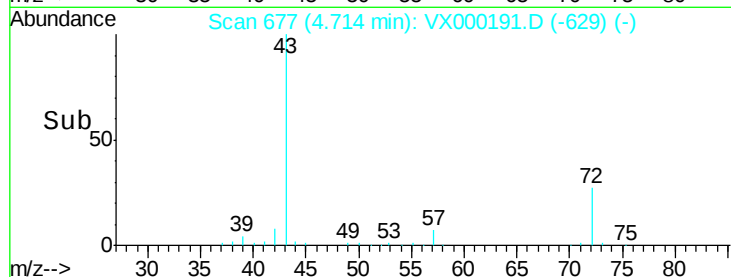
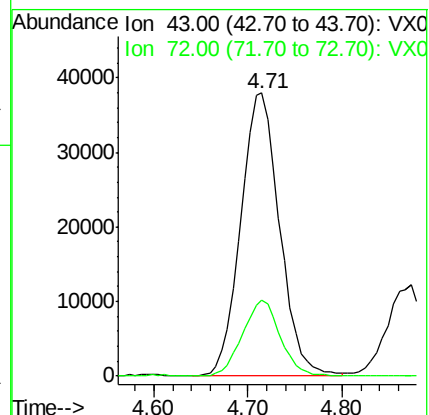
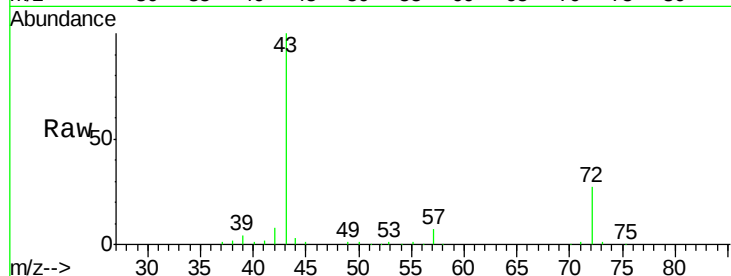
ClientSampled :

Tot Ion: 43 Resp: 109444

Ion Ratio Lower Upper

43 100

72 26.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 18.56 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000191.D

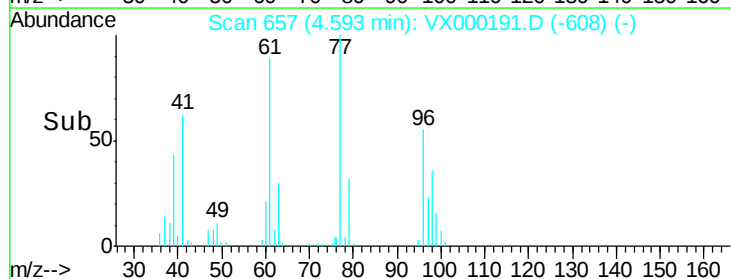
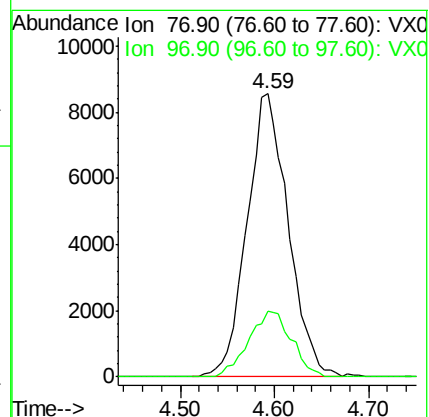
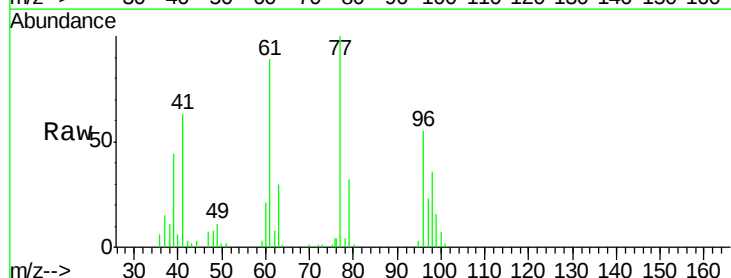
Acq: 02 Mar 2018 15:10

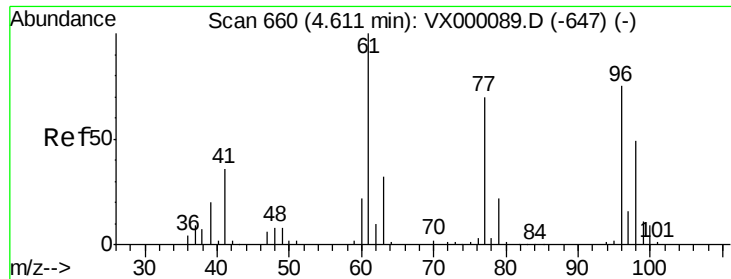
Tgt Ion: 77 Resp: 26206

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.22 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

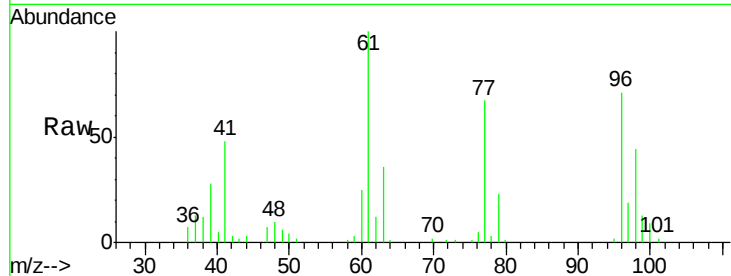
Tot Ion: 96 Resp: 18611

Ion Ratio Lower Upper

96 100

61 152.6 0.0 285.6

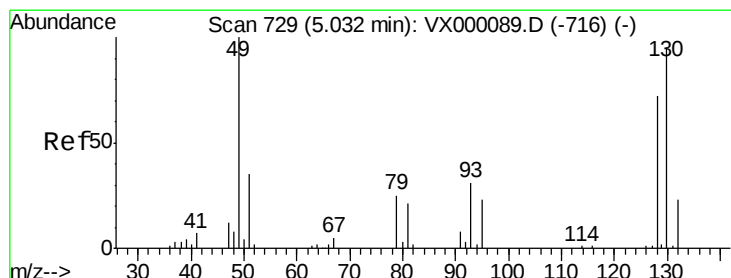
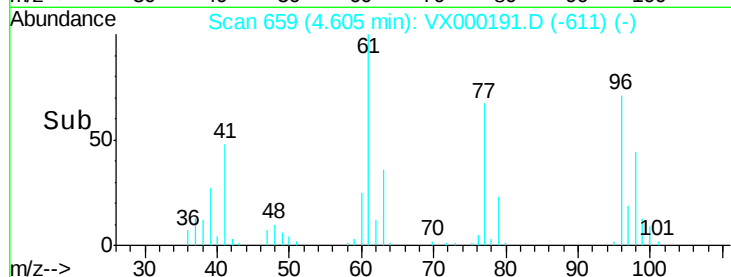
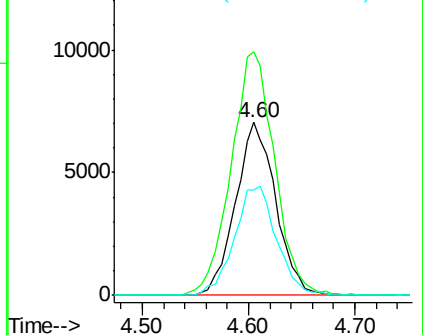
98 66.2 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.68 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

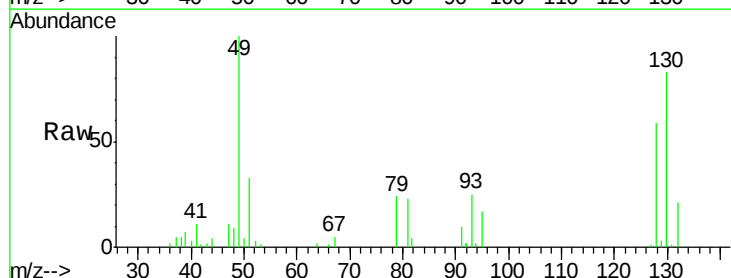
Tgt Ion: 49 Resp: 15793

Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.0

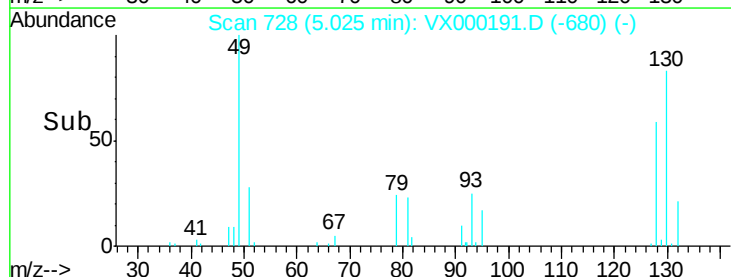
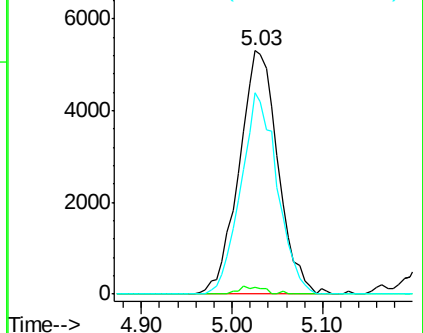
130 77.5 71.9 107.9

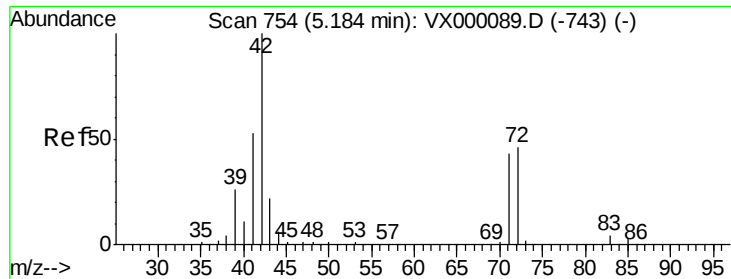


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

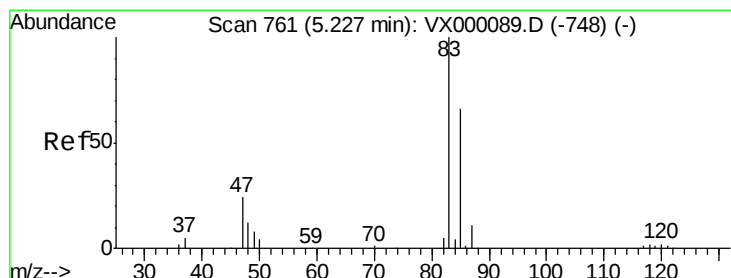
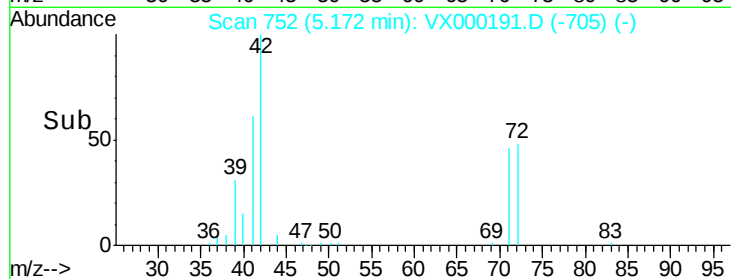
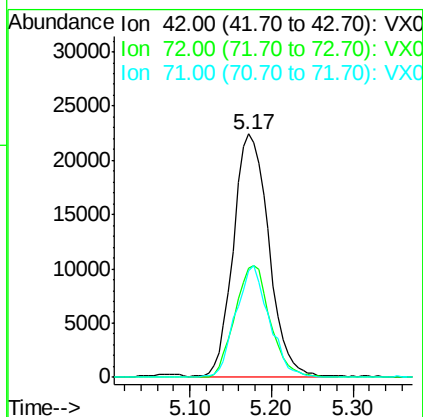
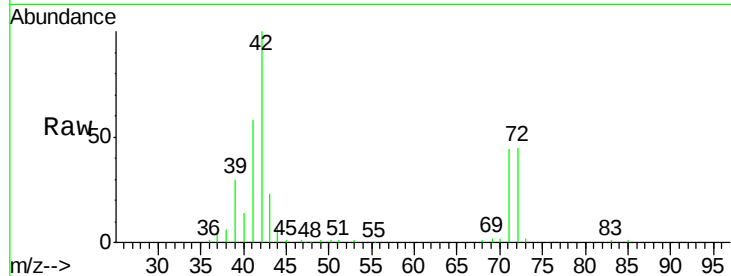




#29
Tetrahydrofuran
Concen: 102.18 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

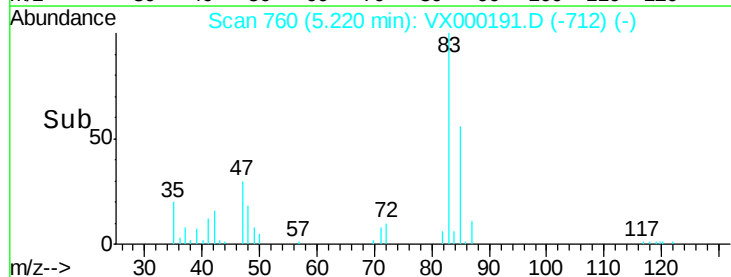
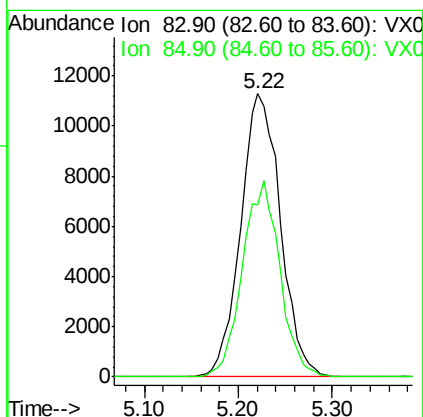
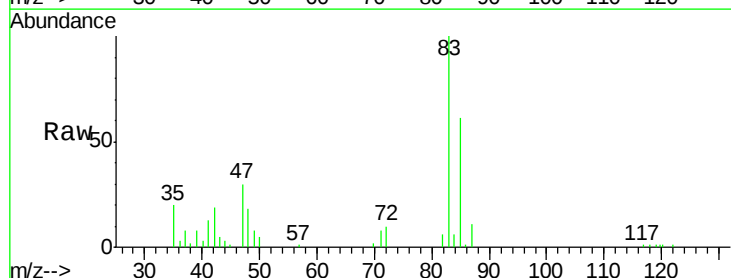
Instrument :
MSVOA_X
ClientSampleId :

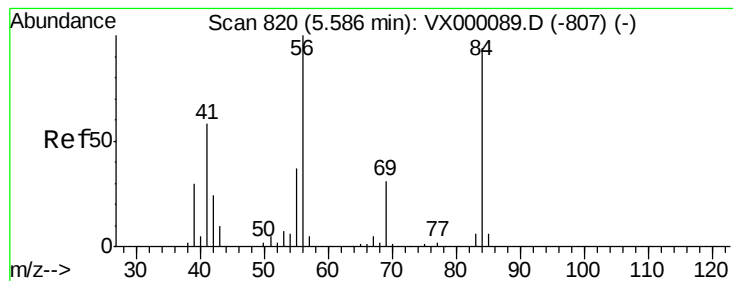
Tot Ion: 42 Resp: 67346
Ion Ratio Lower Upper
42 100
72 45.9 38.6 58.0
71 43.6 36.2 54.4



#30
Chloroform
Concen: 19.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 83 Resp: 33197
Ion Ratio Lower Upper
83 100
85 60.7 52.7 79.1





#31

Cyclohexane

Concen: 20.65 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

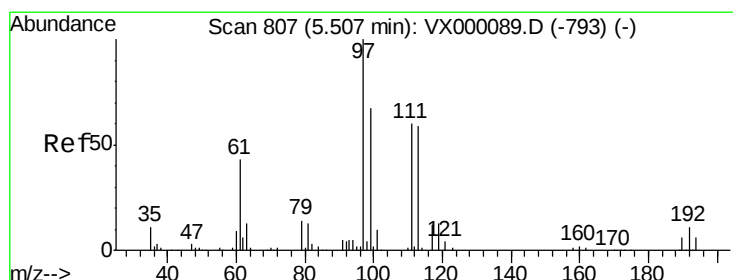
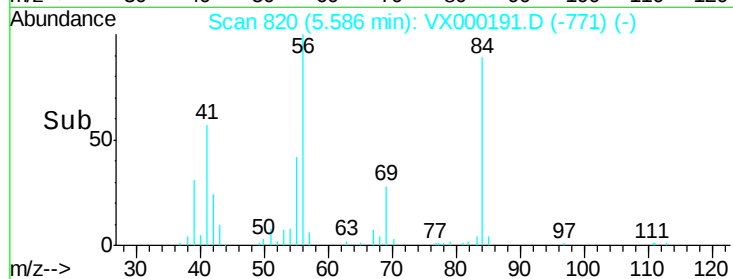
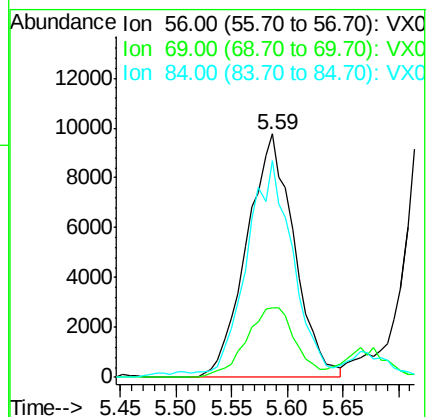
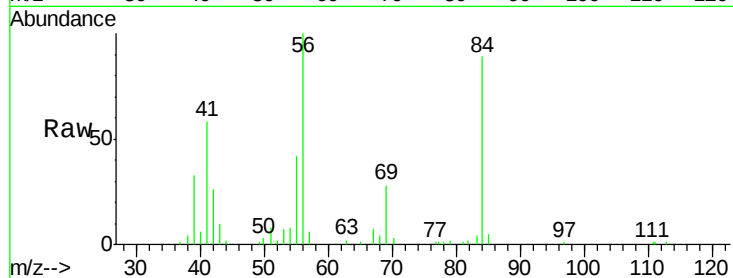
Tot Ion: 56 Resp: 28849

Ion Ratio Lower Upper

56 100

69 28.4 24.9 37.3

84 87.4 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 19.28 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

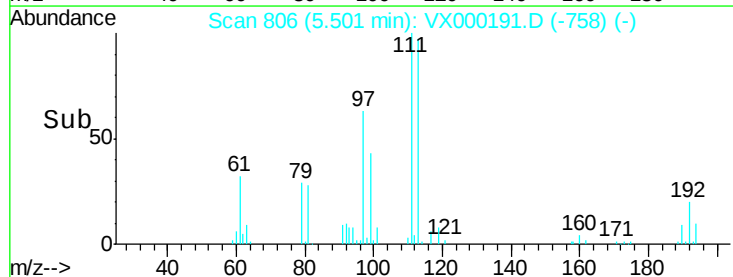
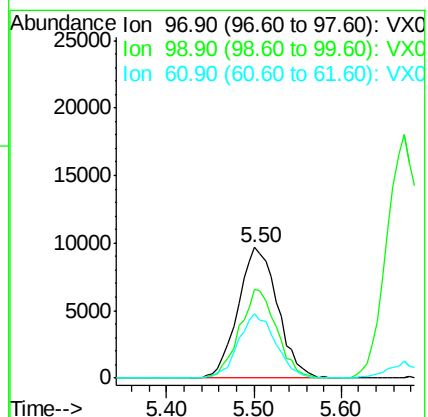
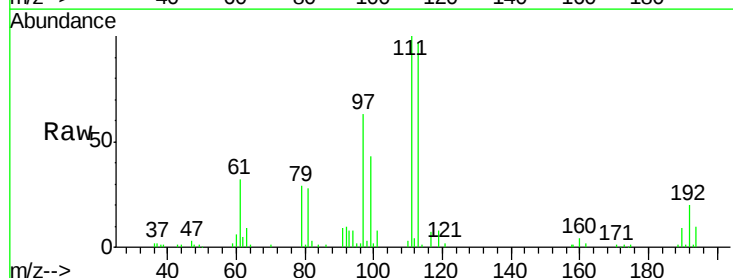
Tgt Ion: 97 Resp: 30344

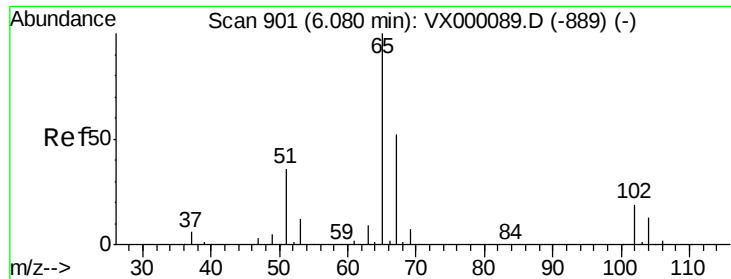
Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 46.5 33.4 50.0

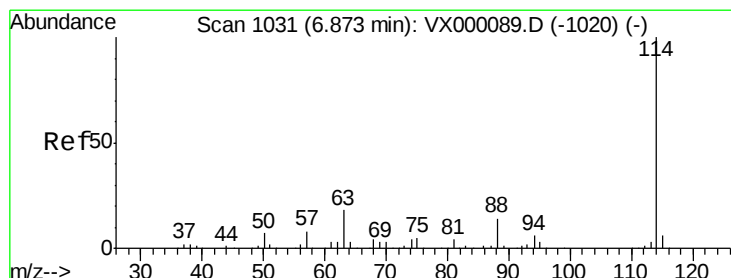
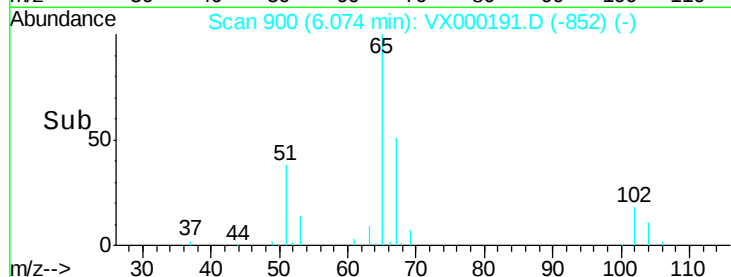
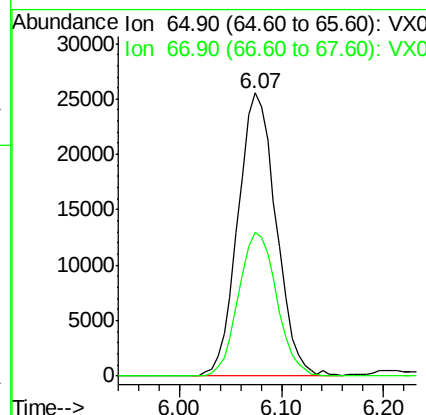
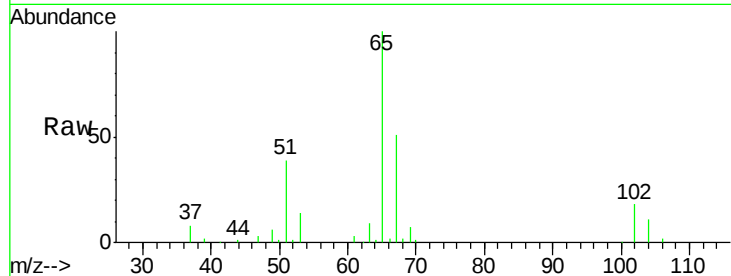




#33
 1,2-Dichloroethane-d4
 Concen: 59.48 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

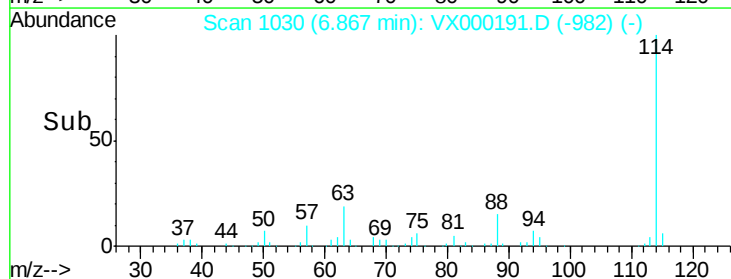
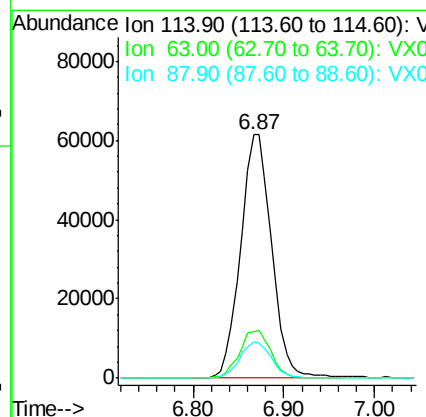
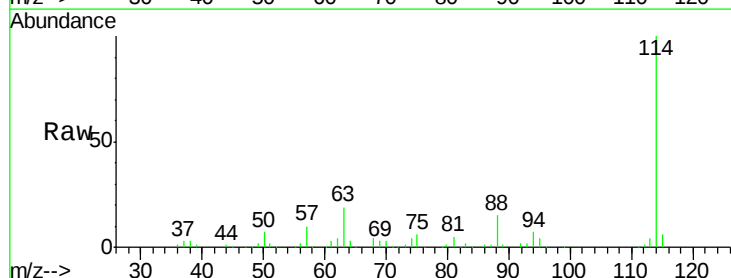
Instrument :
 MSVOA_X
 ClientSampled :

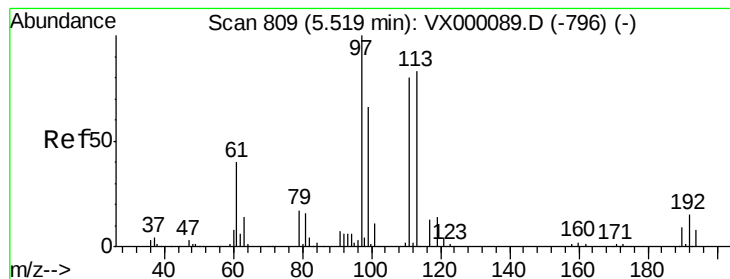
Tot Ion: 65 Resp: 66490
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion: 114 Resp: 145707
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.4
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

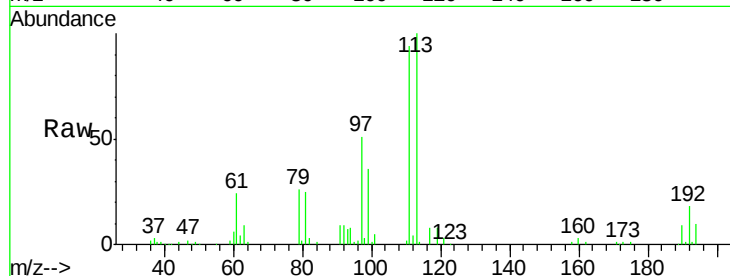
Tot Ion:113 Resp: 49499

Ion Ratio Lower Upper

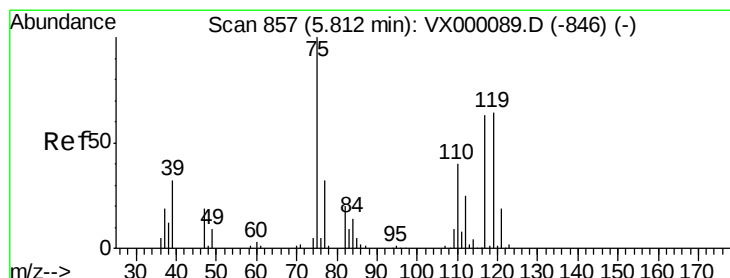
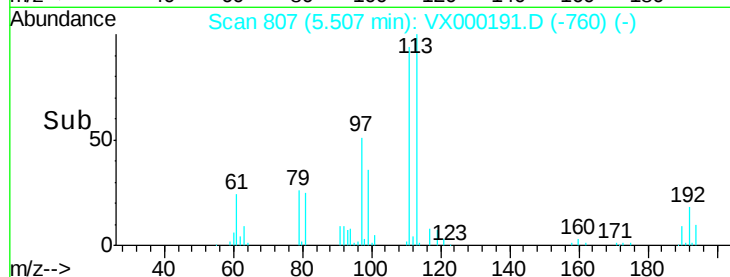
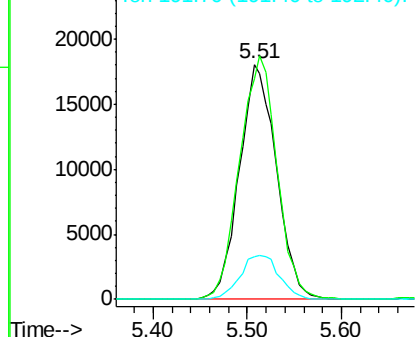
113 100

111 105.1 81.0 121.6

192 19.8 15.7 23.5



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: 20.37 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

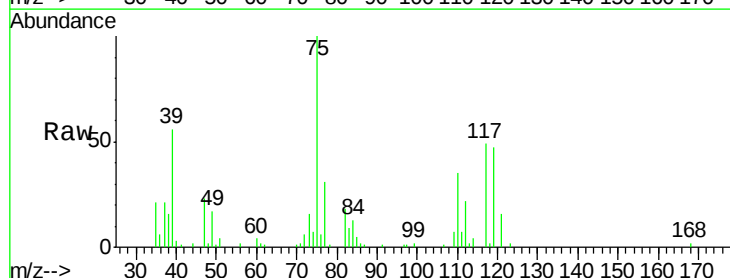
Tgt Ion: 75 Resp: 26639

Ion Ratio Lower Upper

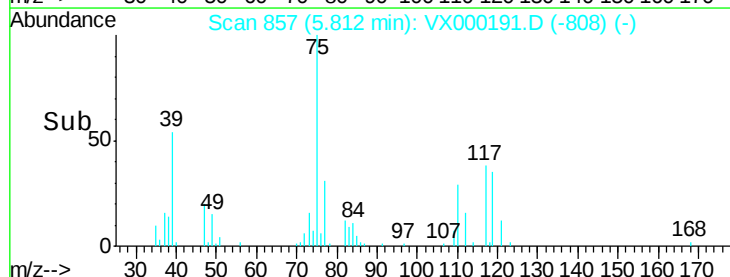
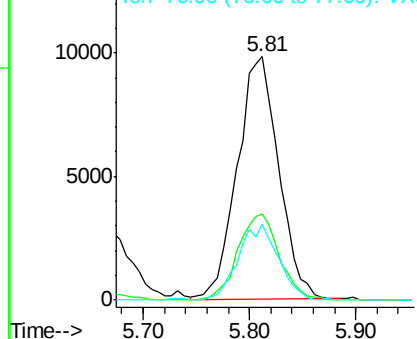
75 100

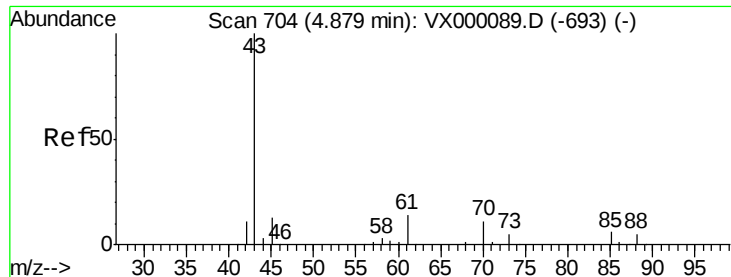
110 35.7 19.5 58.5

77 30.3 24.7 37.1



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

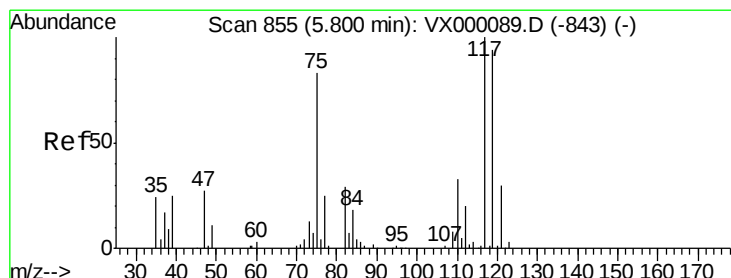
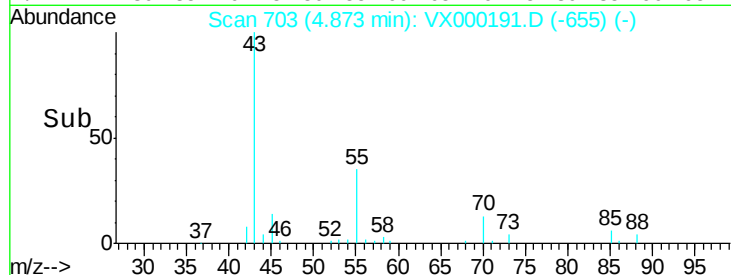
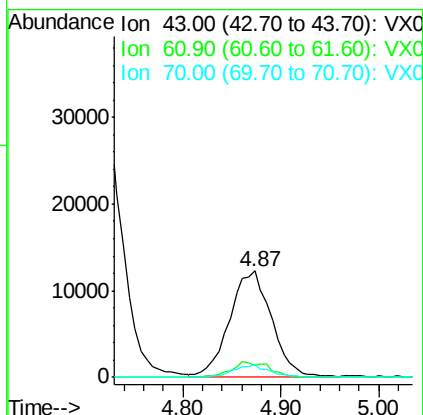
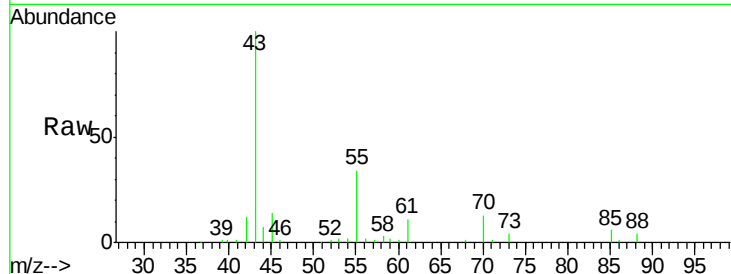




#37
Ethyl Acetate
Concen: 20.06 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

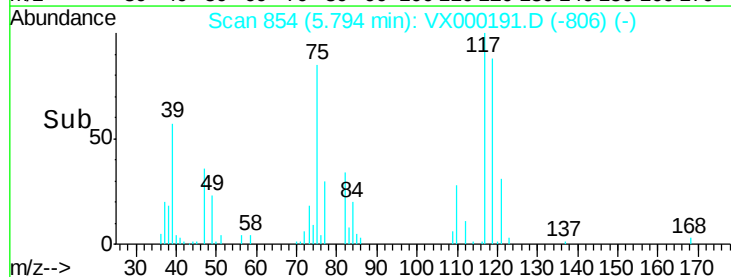
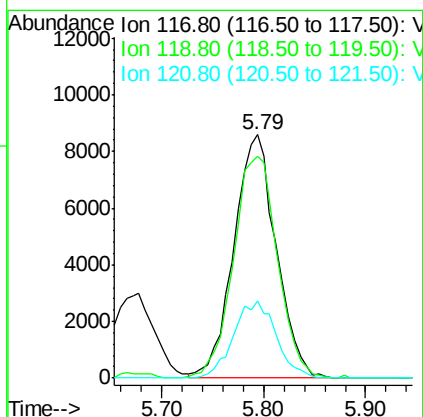
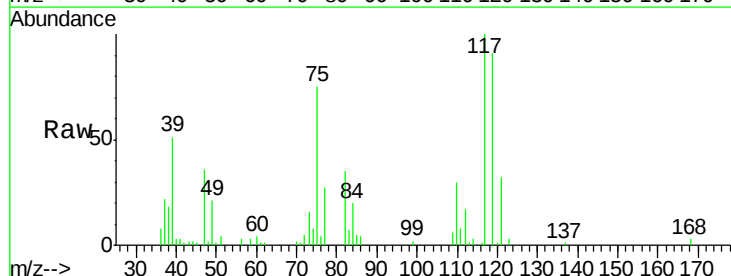
Instrument :
MSVOA_X
ClientSampleID :

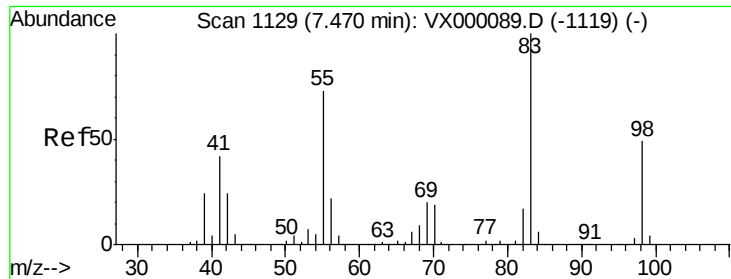
Tot Ion: 43 Resp: 36038
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 17.53 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 117 Resp: 24756
Ion Ratio Lower Upper
117 100
119 91.3 75.3 112.9
121 31.8 23.7 35.5

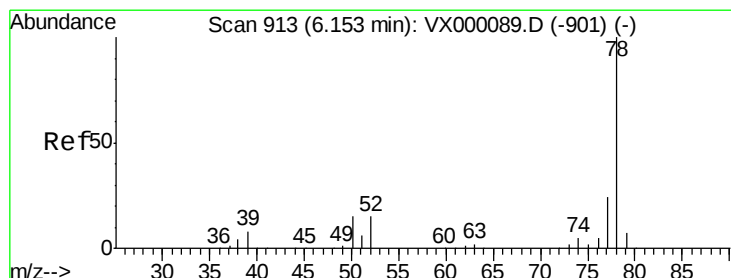
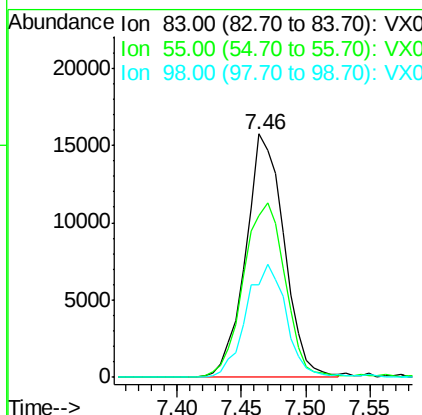
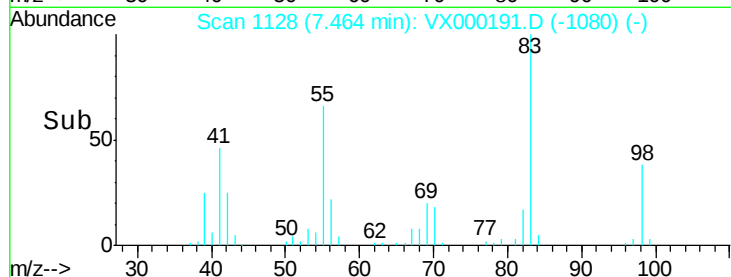
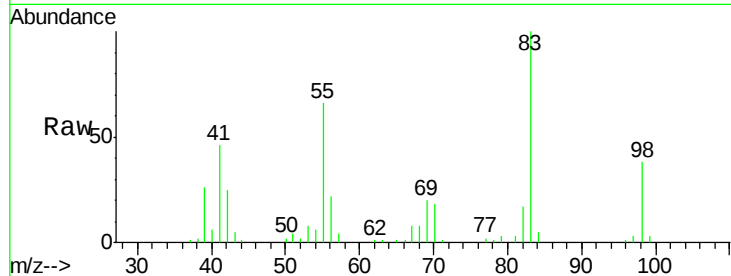




#39
Methvlcvclohexane
Concen: 20.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

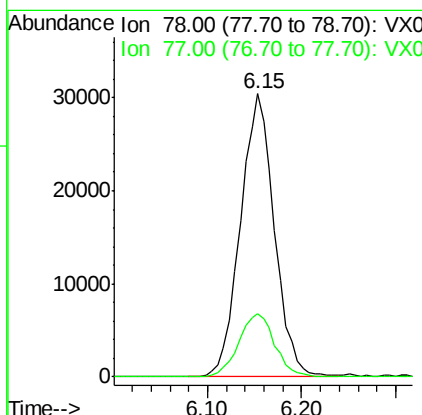
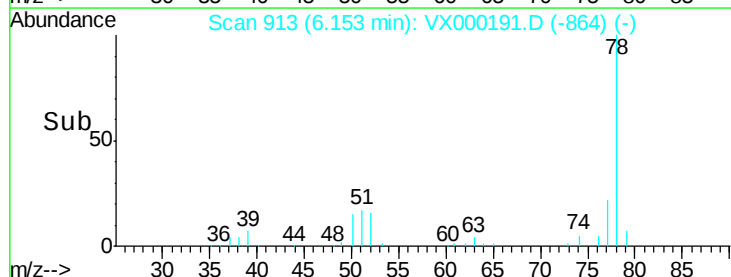
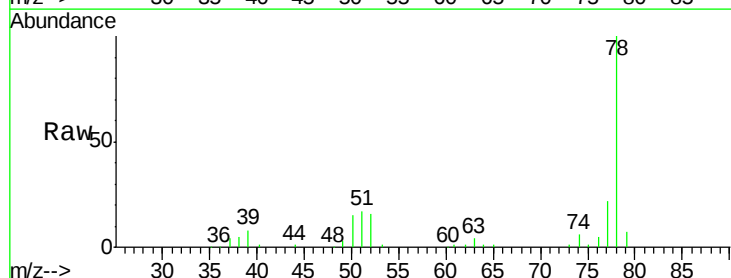
Instrument :
MSVOA_X
ClientSampleId :

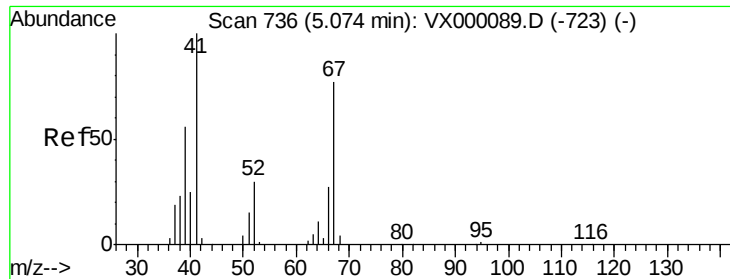
Tot Ion: 83 Resp: 32382
Ion Ratio Lower Upper
83 100
55 66.4 58.2 87.2
98 37.9 39.0 58.6#



#40
Benzene
Concen: 20.46 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 78 Resp: 76435
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.0

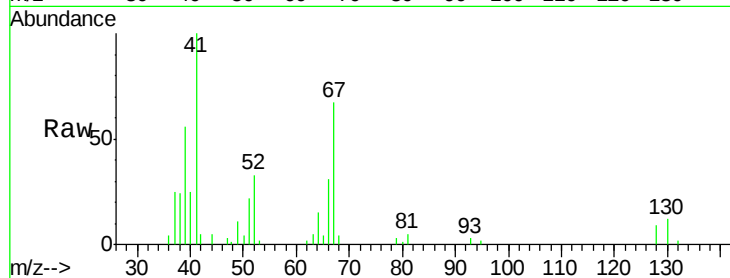




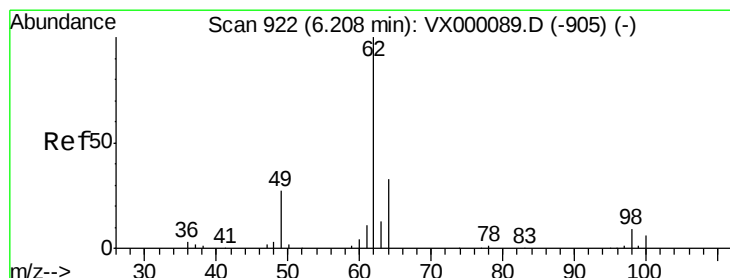
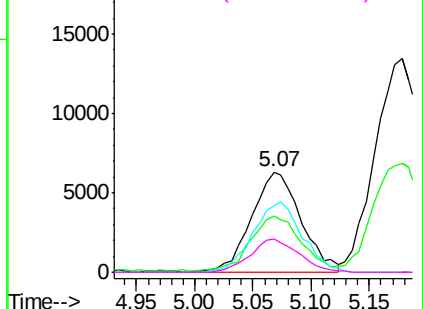
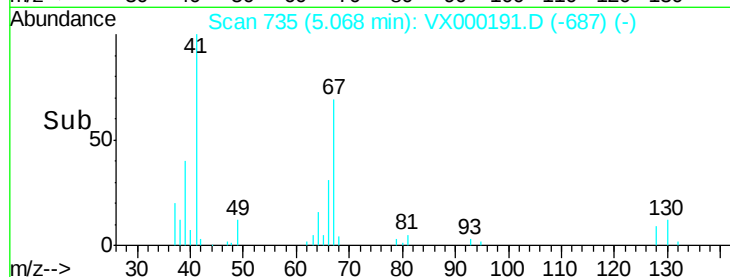
#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 18601
Ion Ratio Lower Upper
41 100
39 55.2 45.1 67.7
67 69.6 61.0 91.4
52 32.9 25.8 38.6

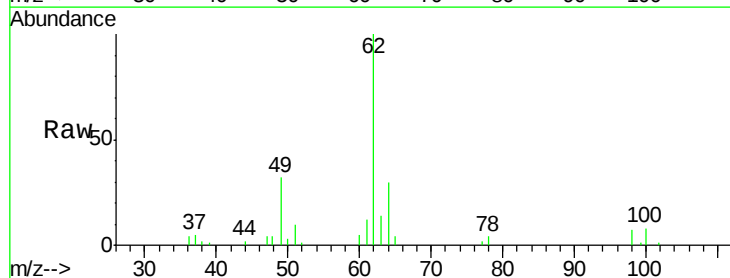


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

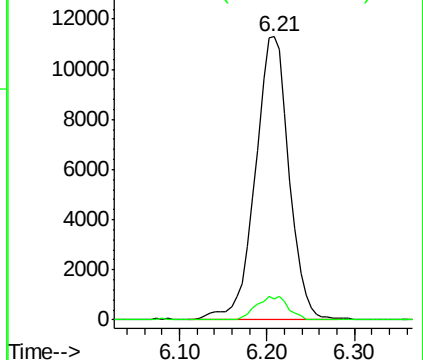
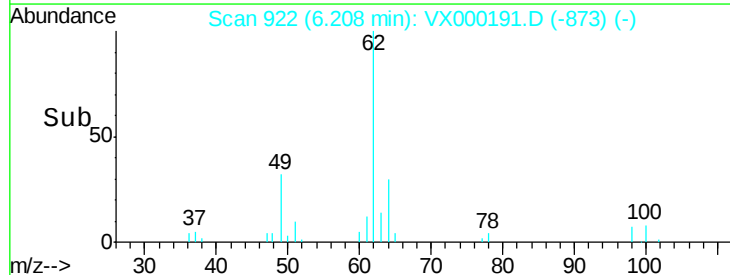


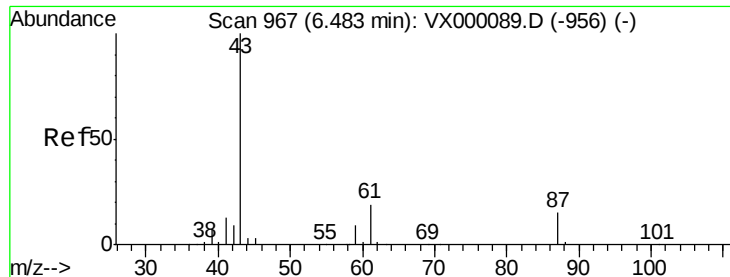
#42
1,2-Dichloroethane
Concen: 22.20 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 62 Resp: 30431
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.8



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



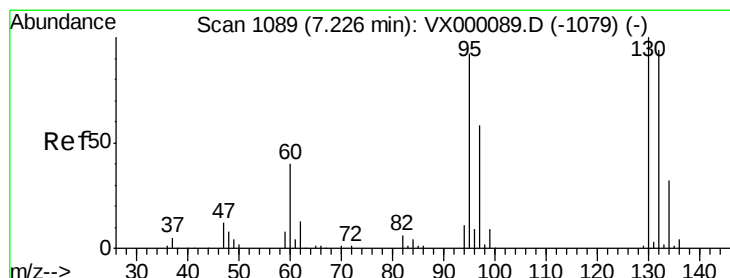
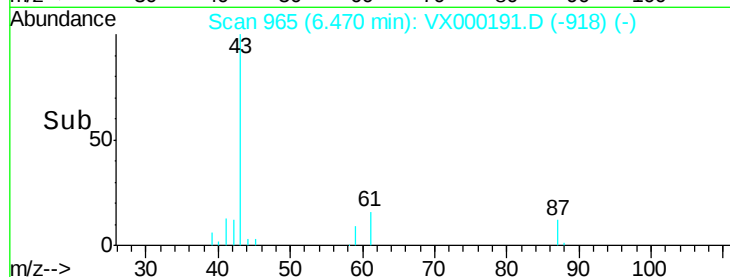
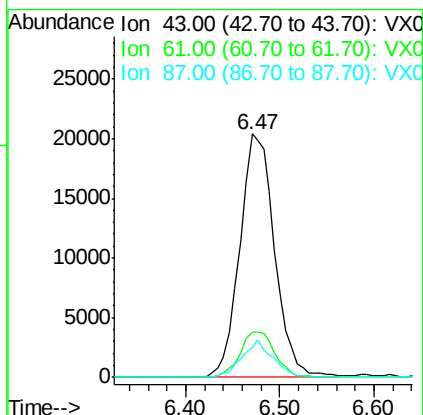
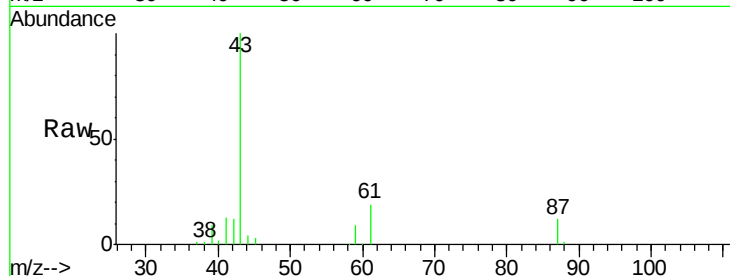


#43

Isopropyl Acetate
 Concen: 20.35 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Instrument :
 MSVOA_X
 ClientSampleId :

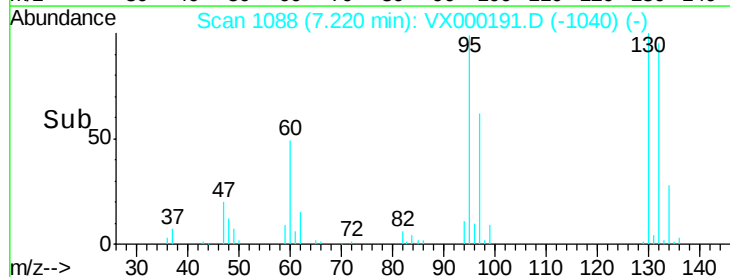
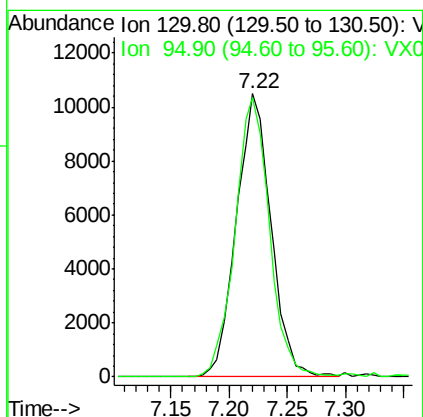
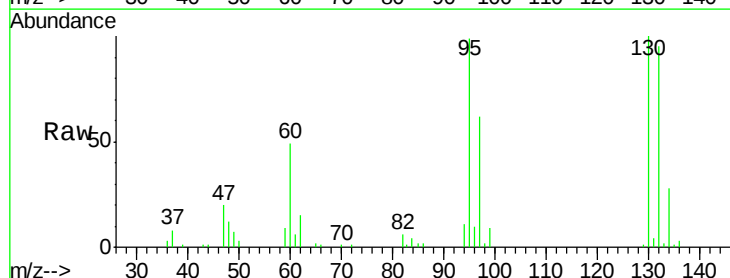
Tot Ion: 43 Resp: 52706
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.6 23.4
 87 13.5 11.7 17.5

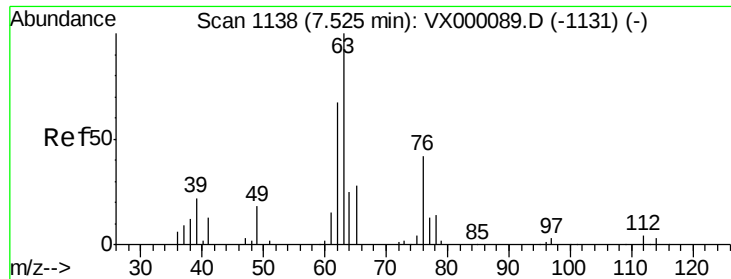


#44

Trichloroethene
 Concen: 19.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion:130 Resp: 21715
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 183.4





#45

1,2-Dichloropropane

Concen: 20.67 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

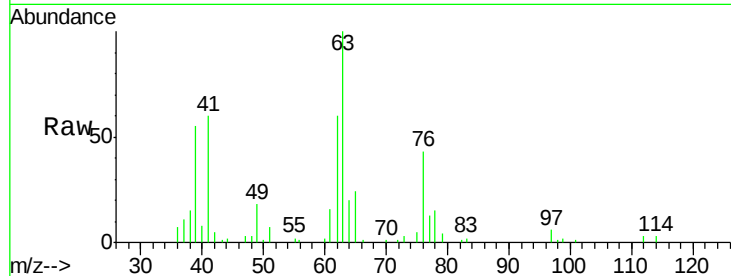
ClientSampled :

Tot Ion: 63 Resp: 18928

Ion Ratio Lower Upper

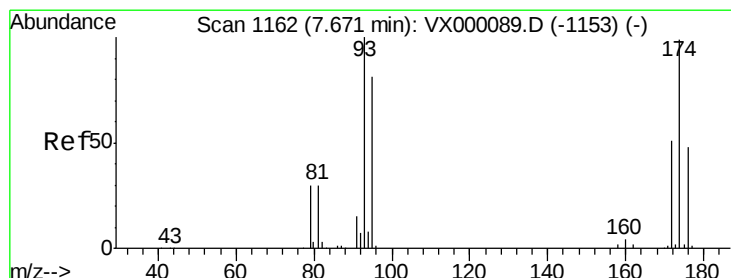
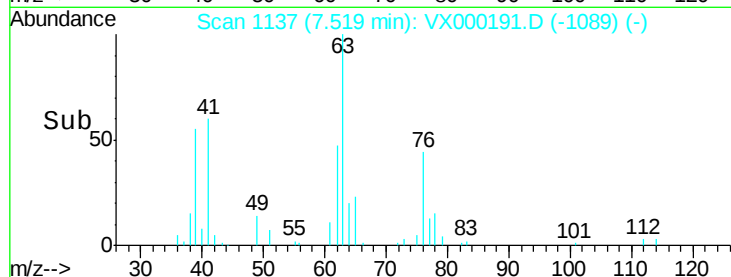
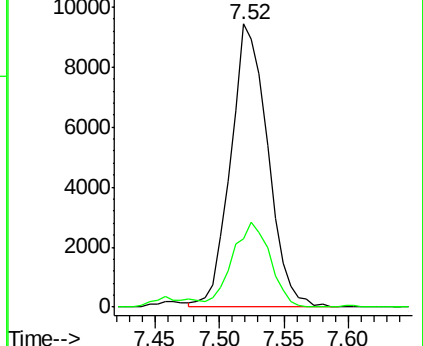
63 100

65 23.9 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.99 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

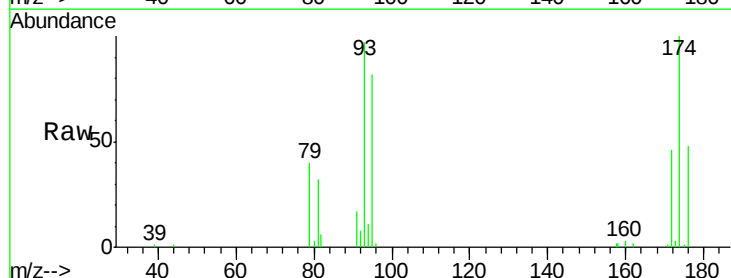
Tgt Ion: 93 Resp: 14993

Ion Ratio Lower Upper

93 100

95 83.5 65.0 97.6

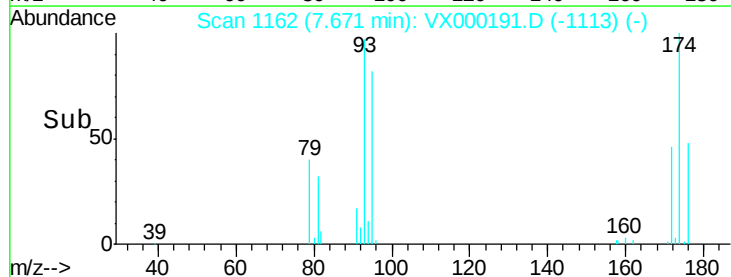
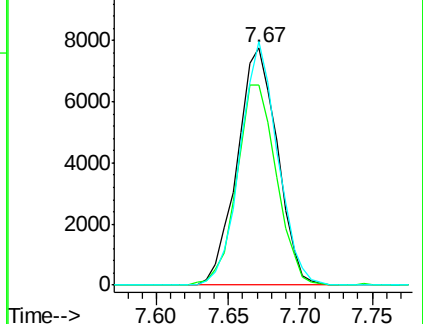
174 95.4 83.1 124.7

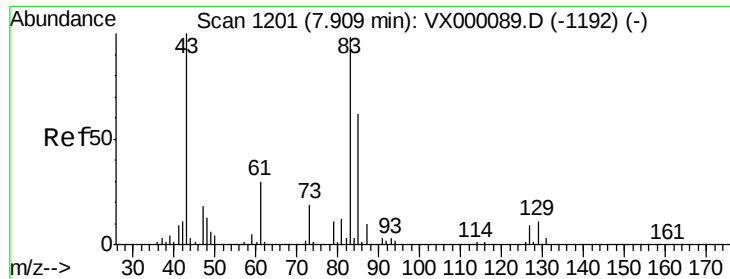


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

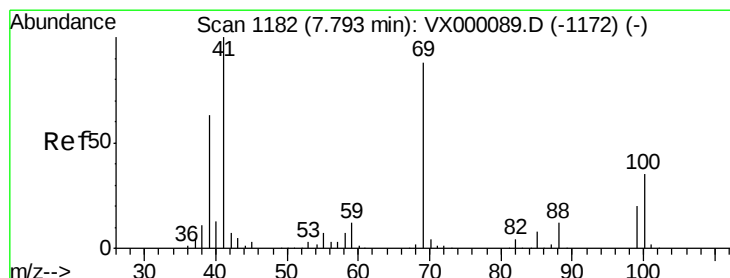
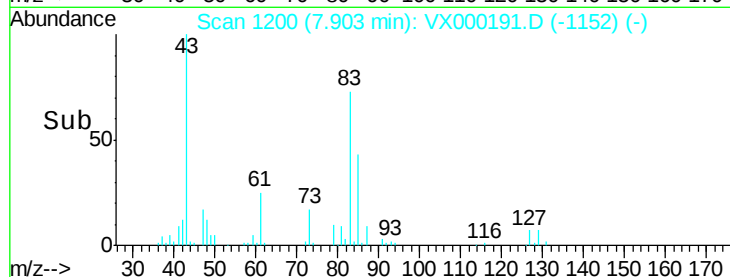
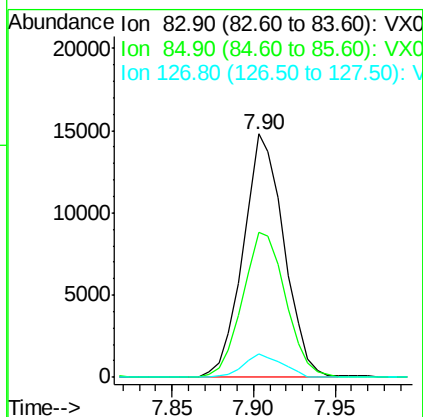
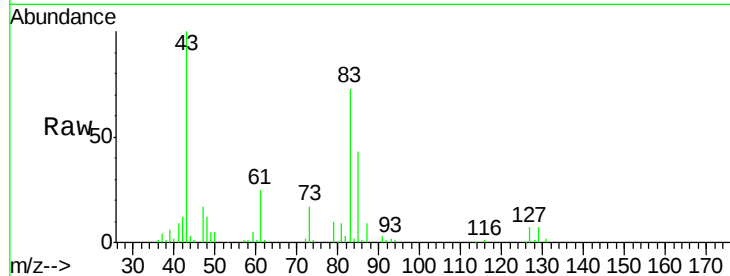
Tot Ion: 83 Resp: 25812

Ion Ratio Lower Upper

83 100

85 59.4 50.4 75.6

127 9.6 7.2 10.8



#48

Methyl methacrylate

Concen: 20.65 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

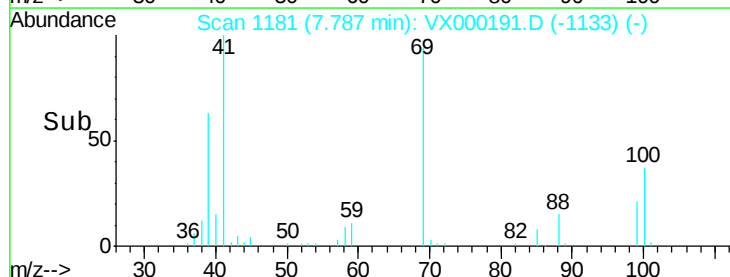
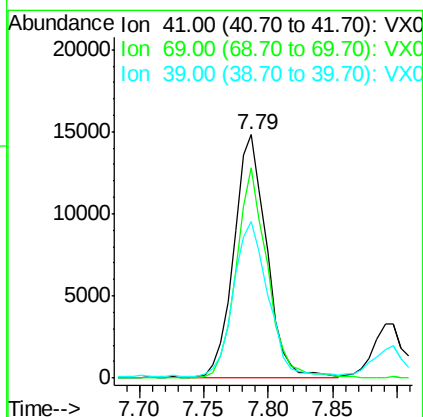
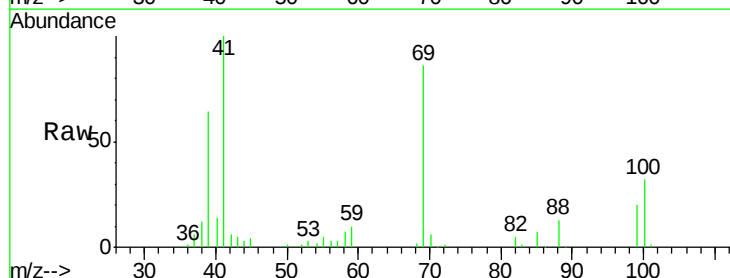
Tgt Ion: 41 Resp: 26227

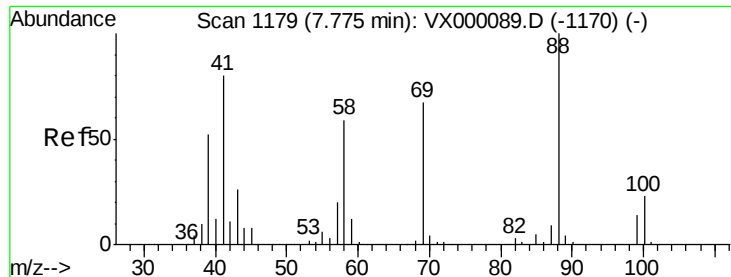
Ion Ratio Lower Upper

41 100

69 82.1 70.2 105.4

39 66.9 51.0 76.6

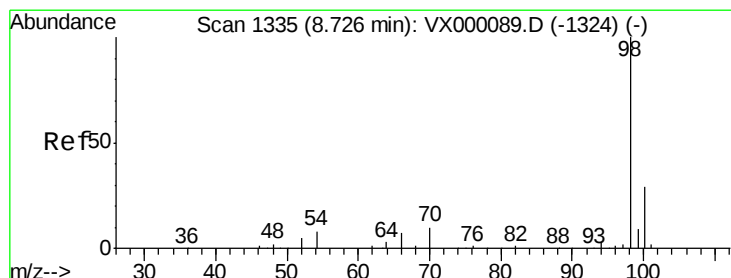
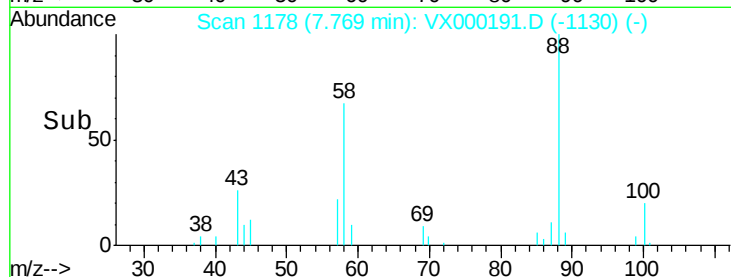
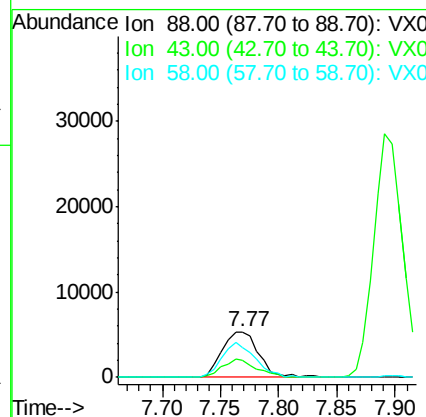
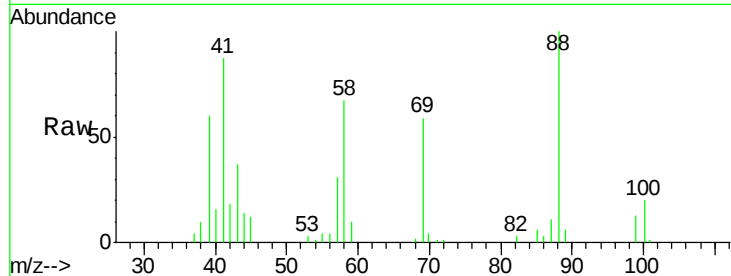




#49
1,4-Dioxane
Concen: 346.05 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

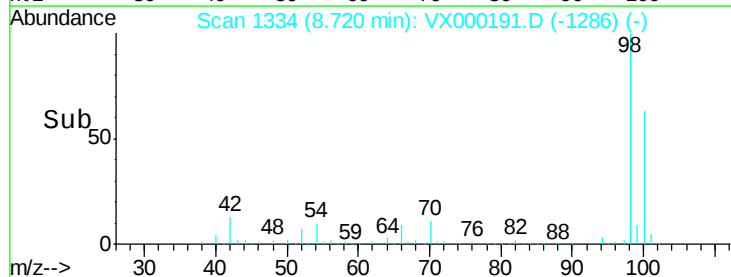
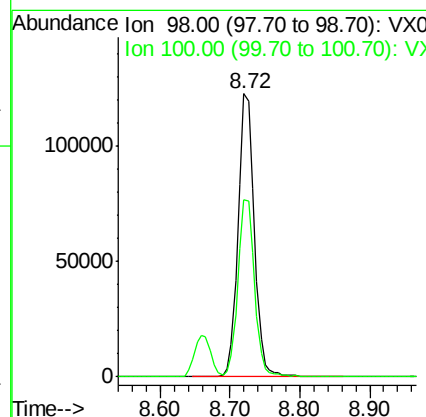
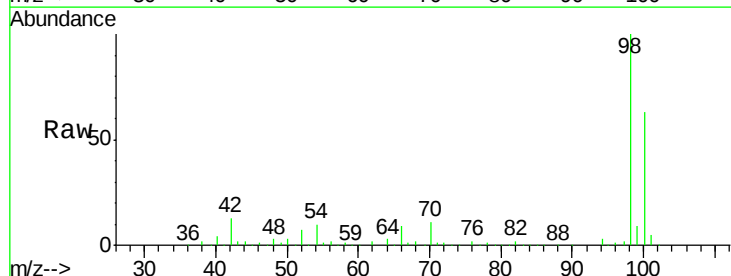
Instrument :
MSVOA_X
ClientSampled :

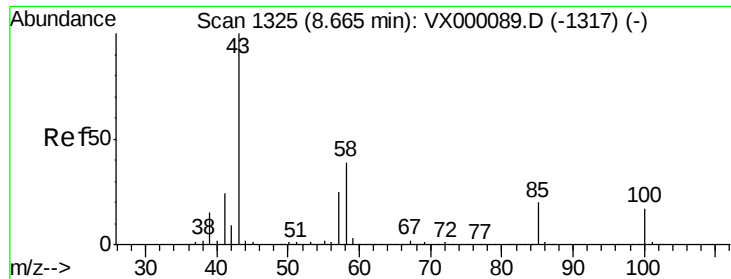
Tot Ion: 88 Resp: 11522
Ion Ratio Lower Upper
88 100
43 37.9 24.1 36.1#
58 69.6 49.0 73.6



#50
Toluene-d8
Concen: 54.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 98 Resp: 199203
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 107.41 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

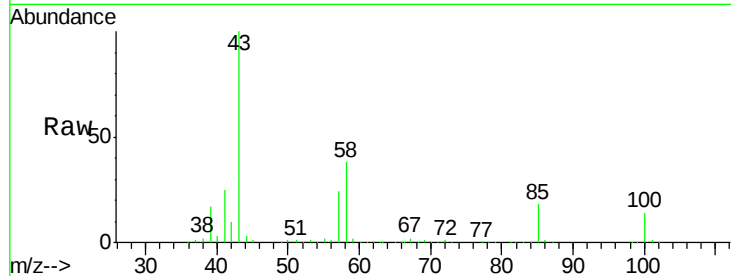
ClientSampled :

Tot Ion: 43 Resp: 203392

Ion Ratio Lower Upper

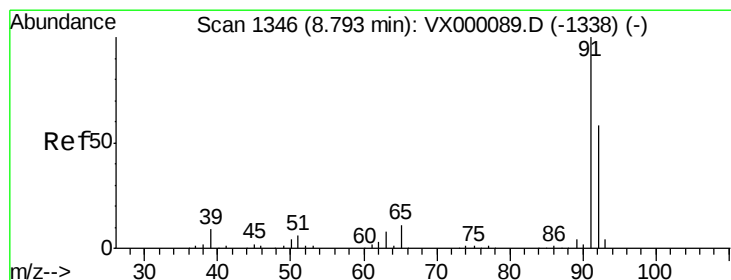
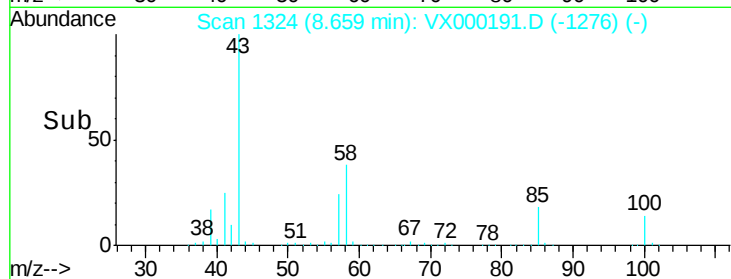
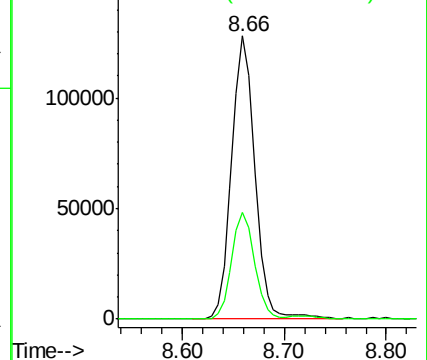
43 100

58 36.8 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000191.D

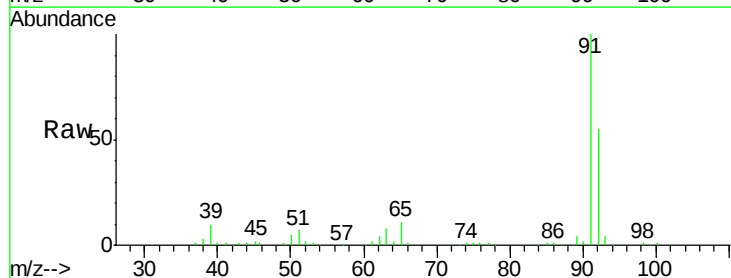
Acq: 02 Mar 2018 15:10

Tgt Ion: 92 Resp: 51444

Ion Ratio Lower Upper

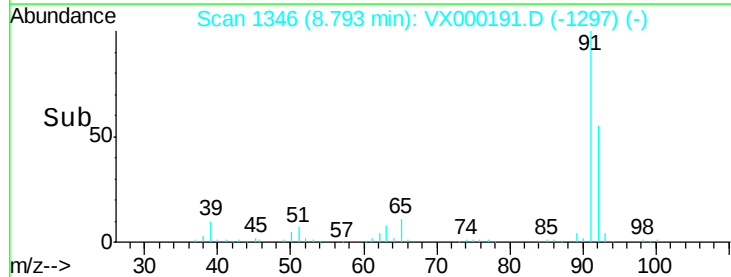
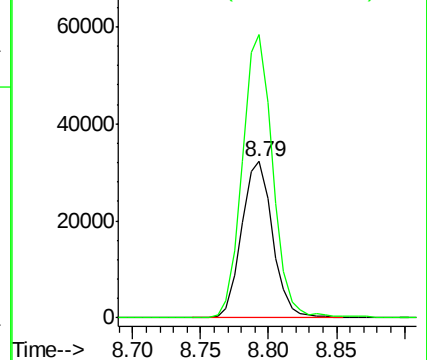
92 100

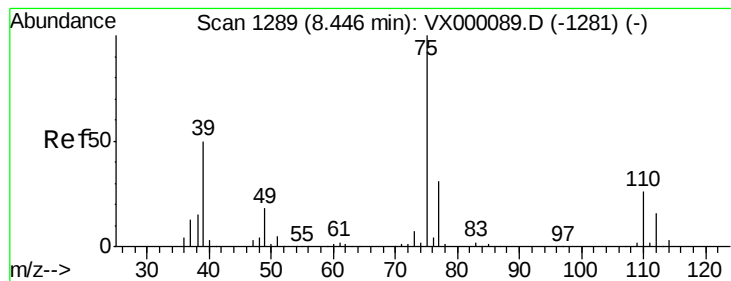
91 178.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.96 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

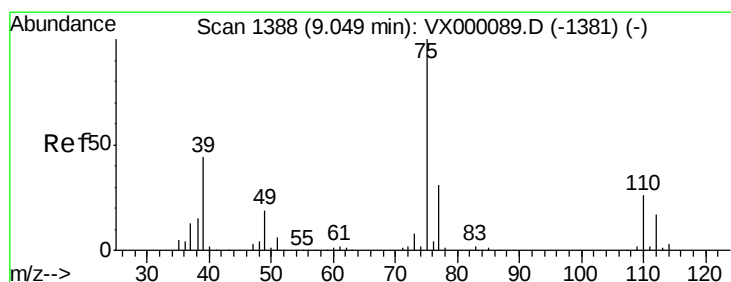
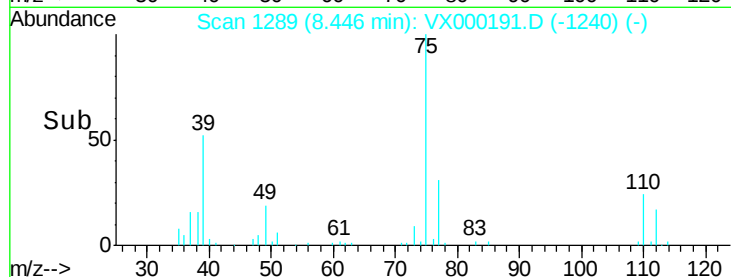
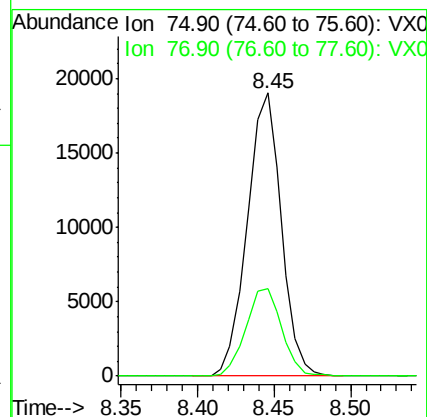
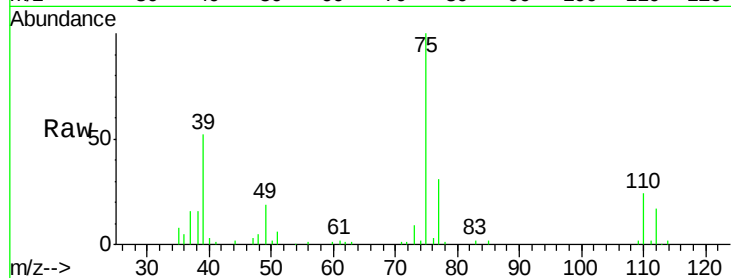
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 29423

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.62 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

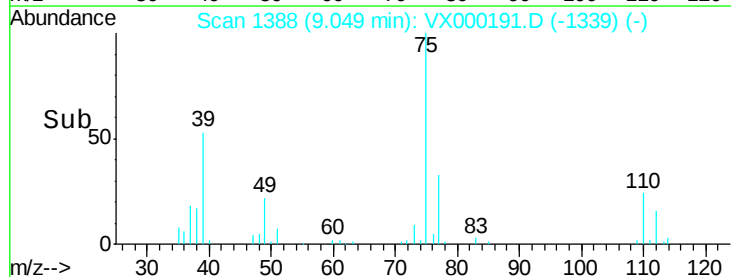
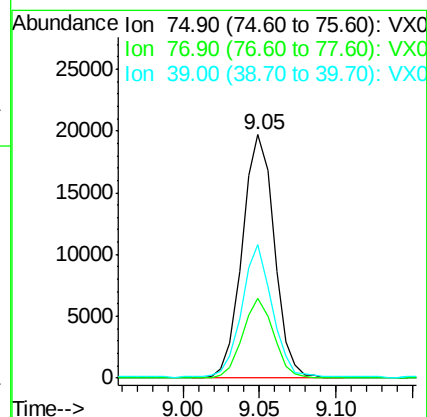
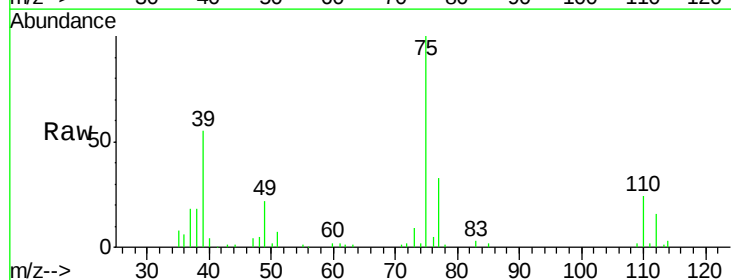
Tgt Ion: 75 Resp: 28691

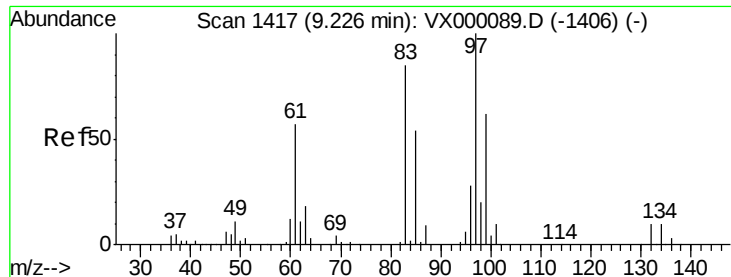
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

39 54.1 35.4 53.0#

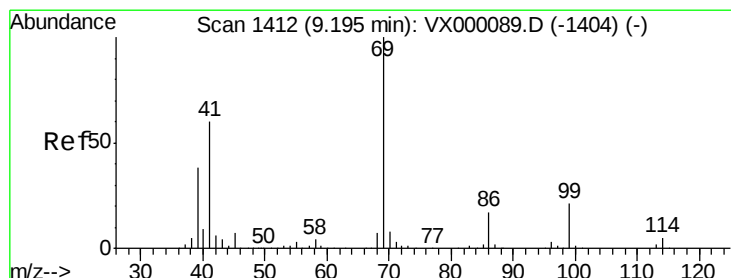
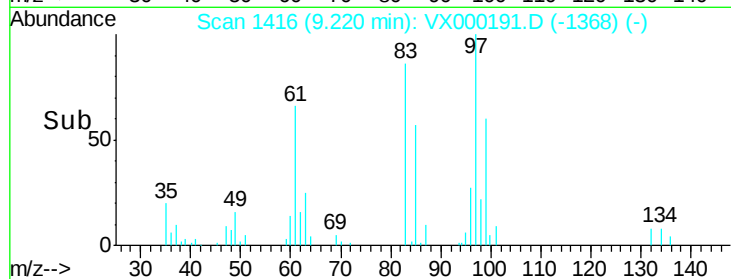
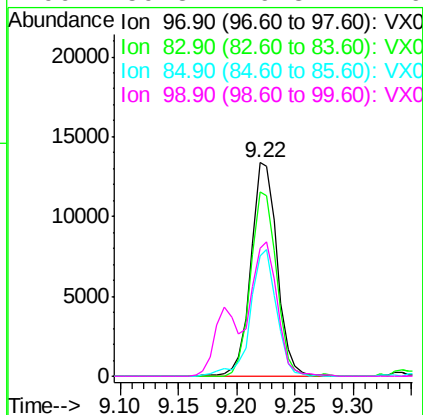
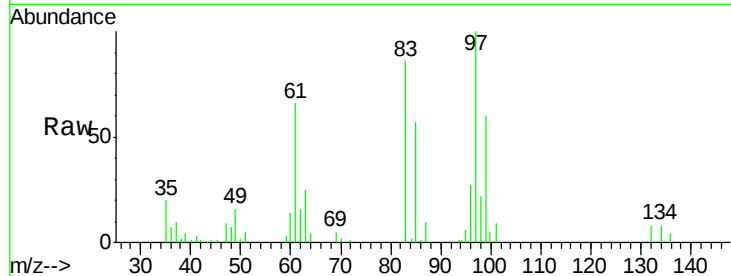




#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

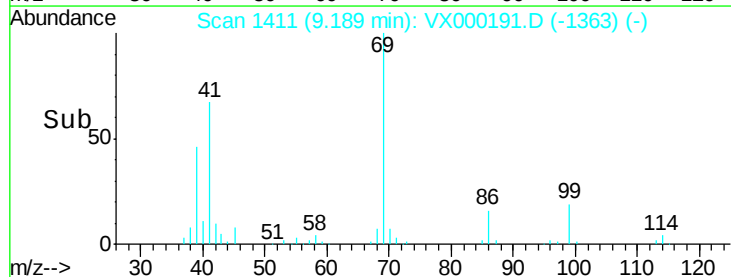
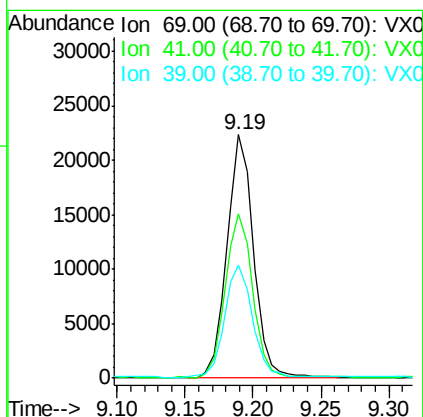
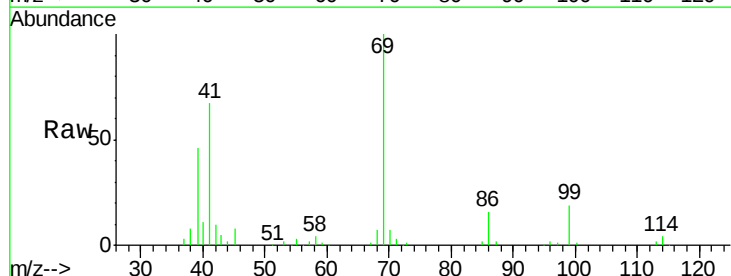
Instrument :
 MSVOA_X
 ClientSampleId :

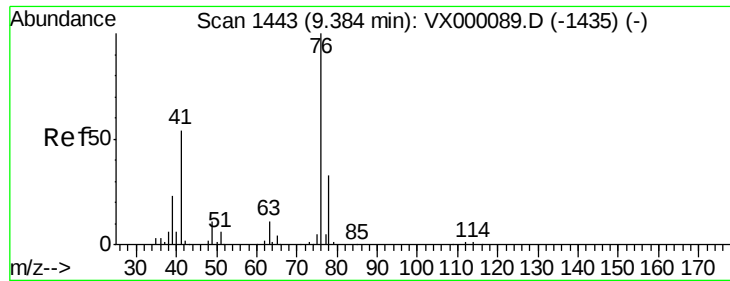
Tot Ion:	97	Resp:	21150
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.6	101.4
85	56.6	42.9	64.3
99	59.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.30 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion:	69	Resp:	30571
Ion	Ratio	Lower	Upper
69	100		
41	69.0	49.4	74.0
39	47.5	31.3	46.9#





#57

1,3-Dichloropropane

Concen: 20.84 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

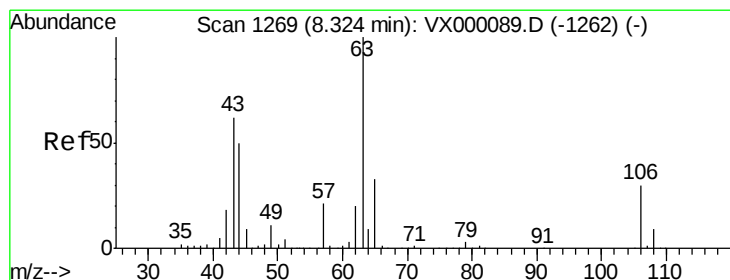
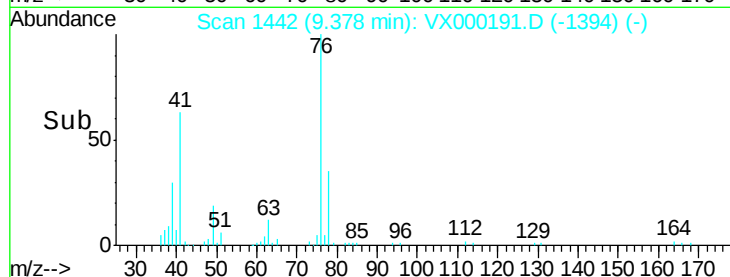
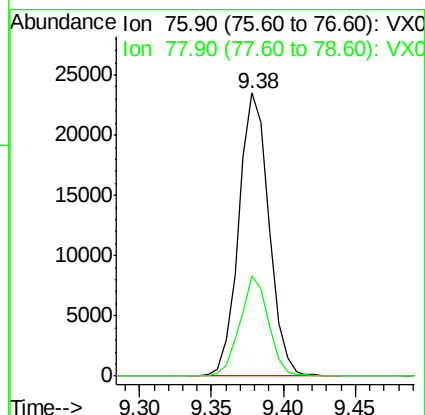
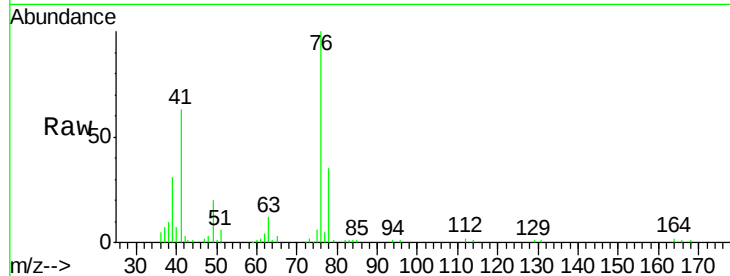
ClientSampleId :

Tot Ion: 76 Resp: 34158

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 74.07 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000191.D

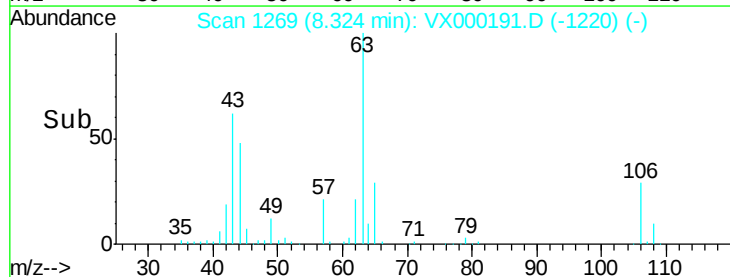
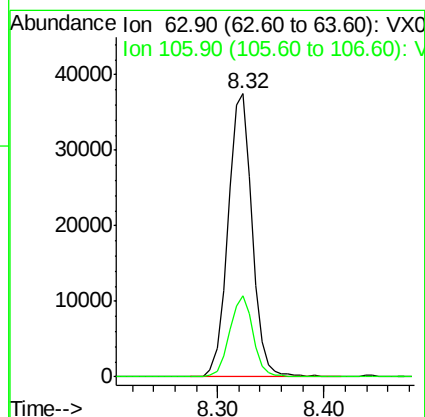
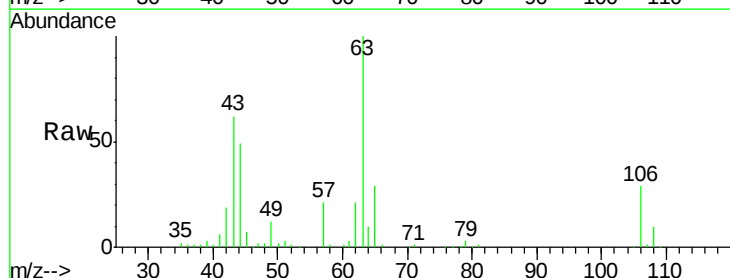
Acq: 02 Mar 2018 15:10

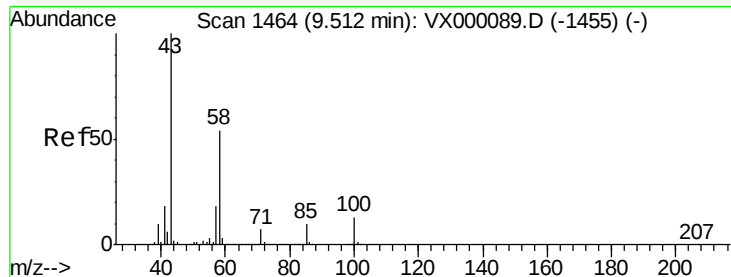
Tgt Ion: 63 Resp: 59300

Ion Ratio Lower Upper

63 100

106 28.0 24.6 37.0

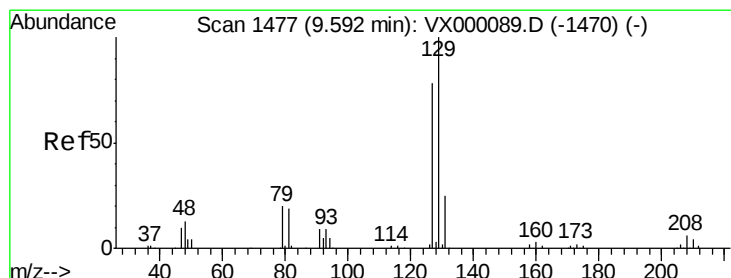
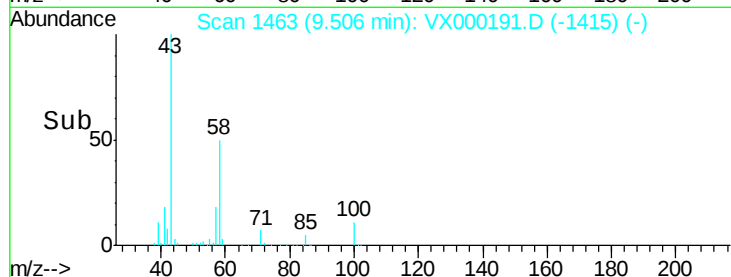
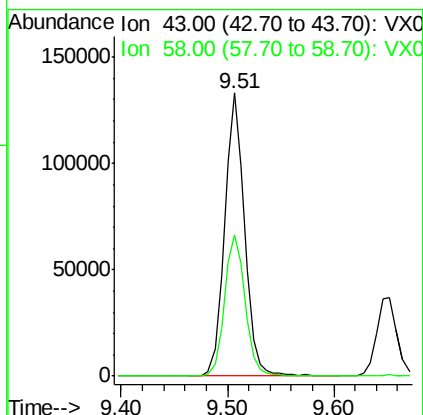
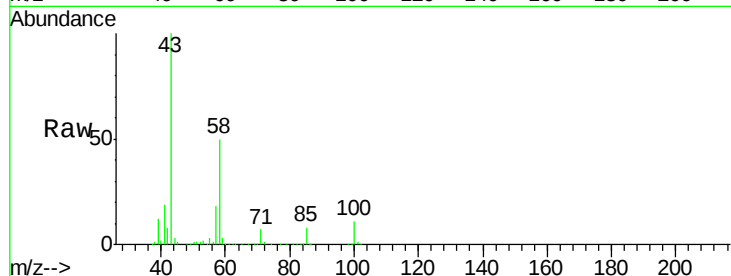




#59
2-Hexanone
Concen: 109.02 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

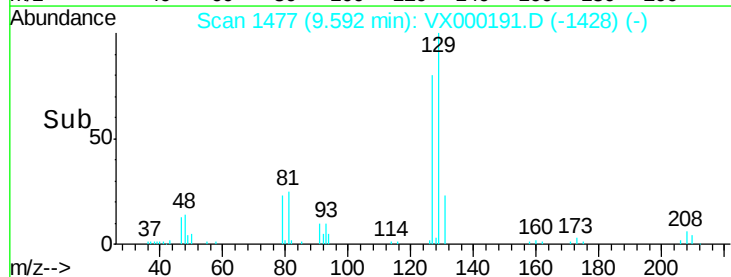
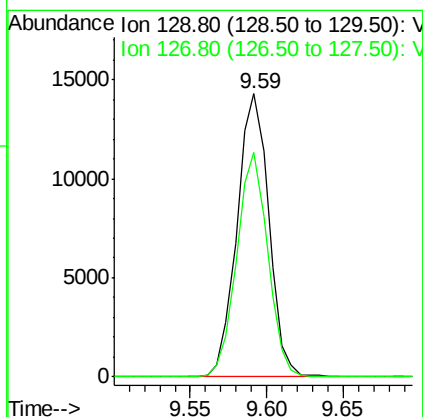
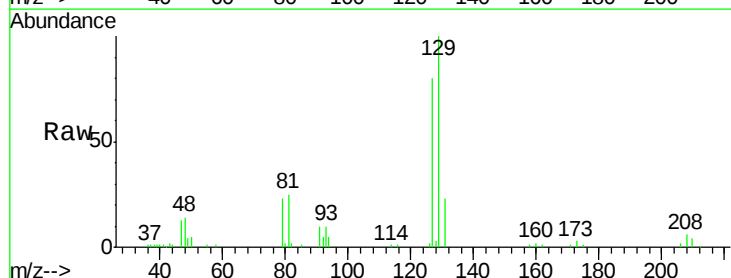
Instrument :
MSVOA_X
ClientSampled :

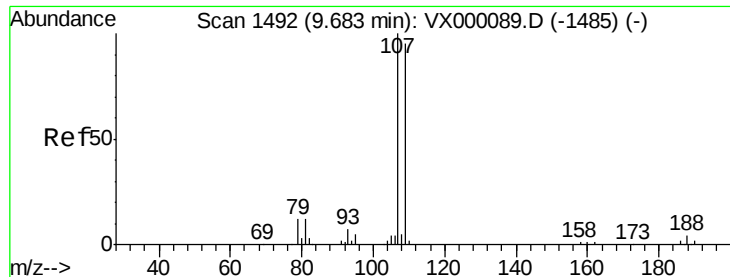
Tot Ion: 43 Resp: 174794
Ion Ratio Lower Upper
43 100
58 51.4 27.1 81.3



#60
Dibromochloromethane
Concen: 17.59 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 129 Resp: 20570
Ion Ratio Lower Upper
129 100
127 77.3 37.6 112.9

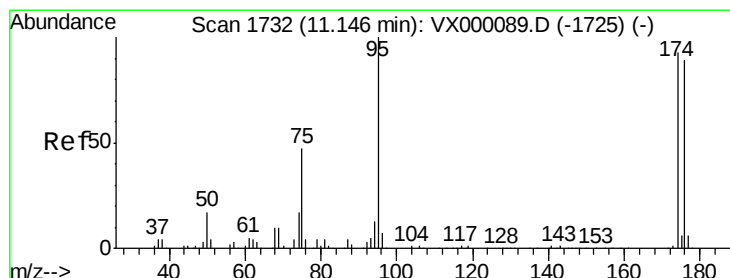
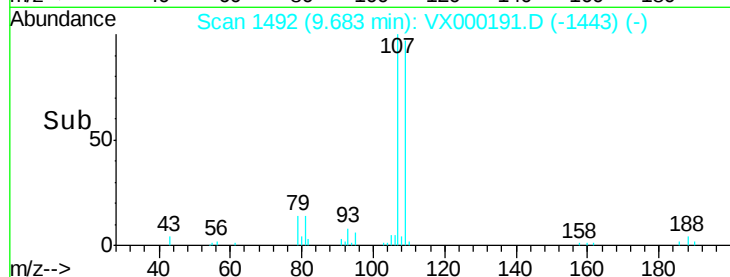
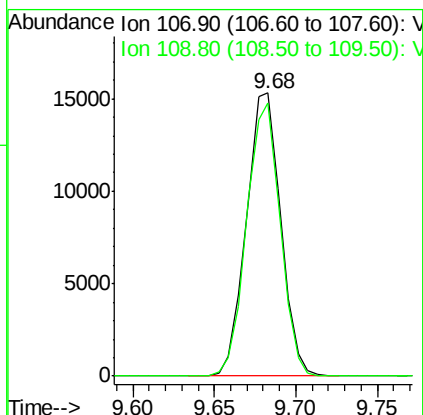
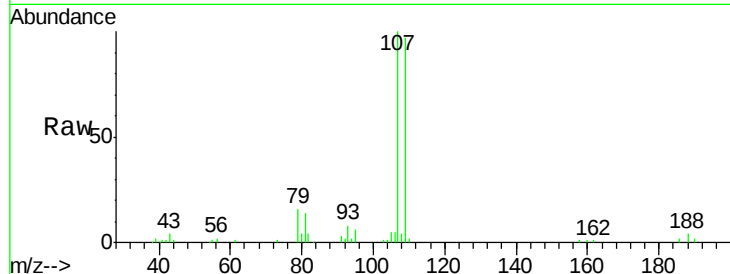




#61
 1,2-Dibromoethane
 Concen: 19.67 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

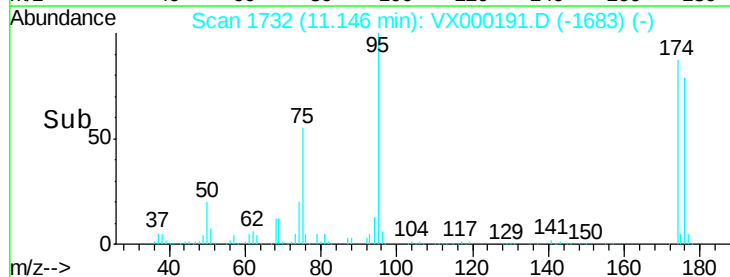
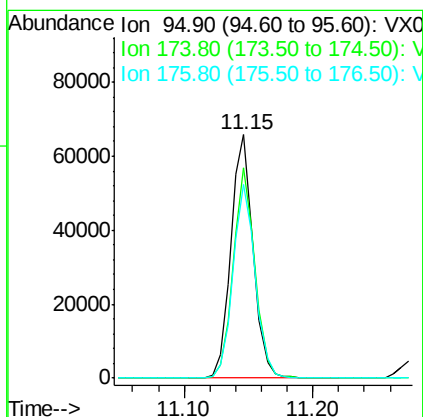
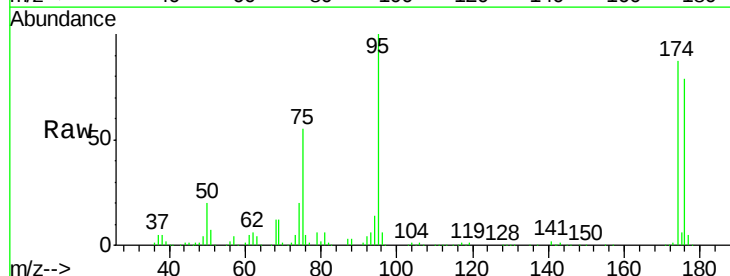
Instrument :
 MSVOA_X
 ClientSampleId :

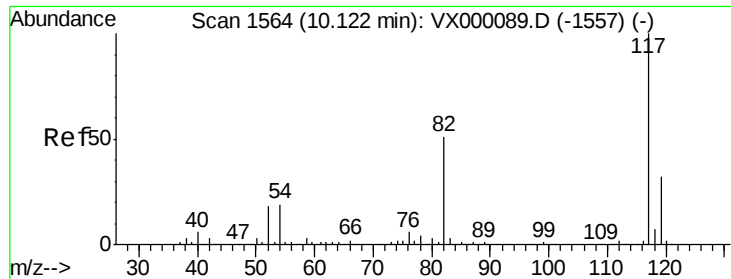
Tot Ion:107 Resp: 22533
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 55.97 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion: 95 Resp: 79613
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 187.8
 176 79.7 0.0 181.2

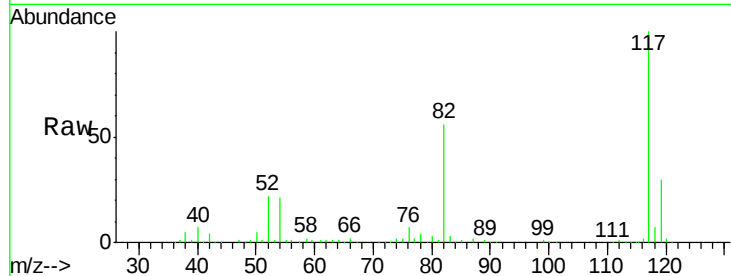




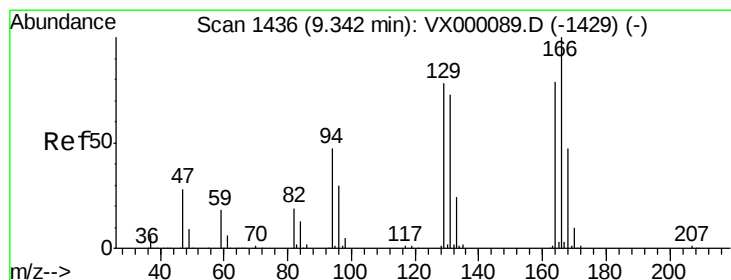
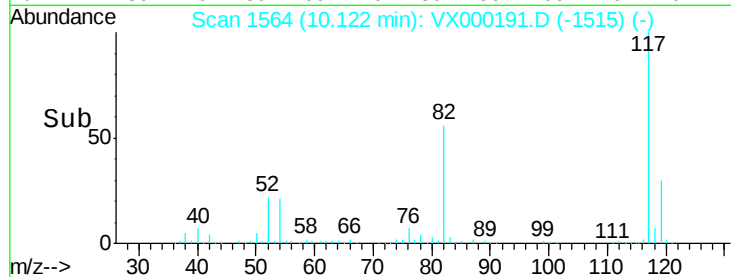
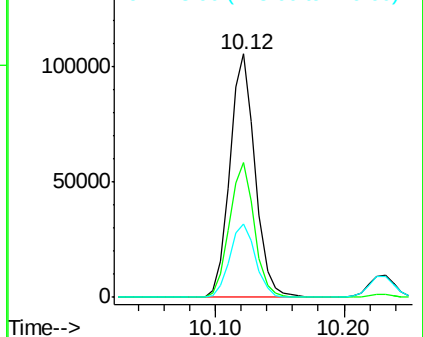
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 144213
Ion Ratio Lower Upper
117 100
82 55.5 41.0 61.6
119 30.3 25.5 38.3



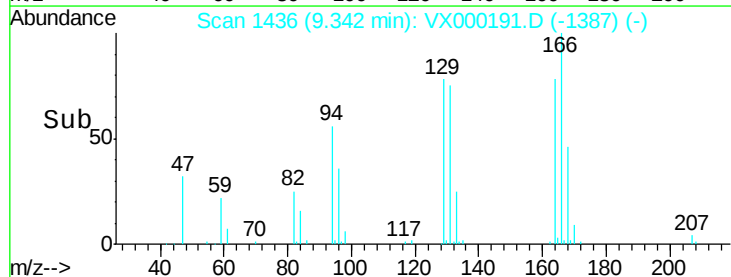
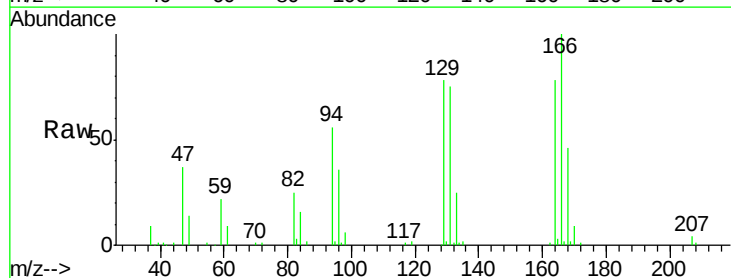
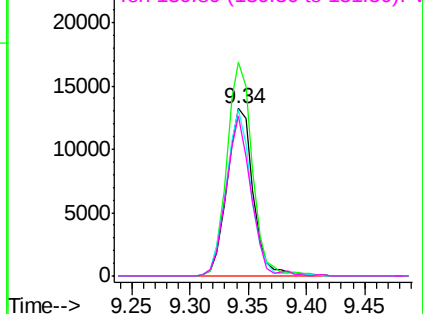
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

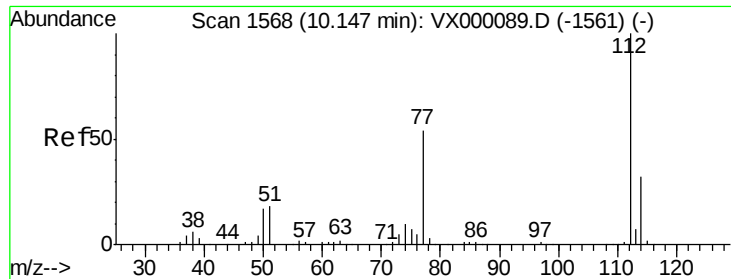


#64
Tetrachloroethene
Concen: 19.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion:164 Resp: 20660
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.2
129 100.0 78.6 118.0
131 96.0 73.8 110.6

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

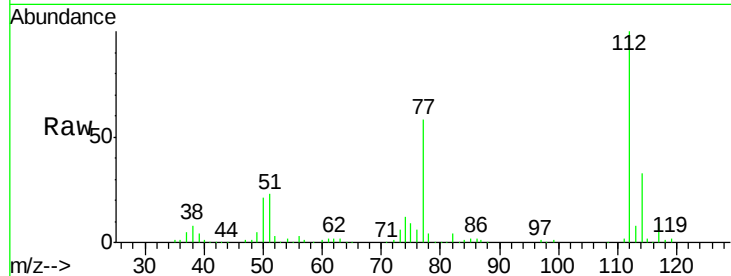




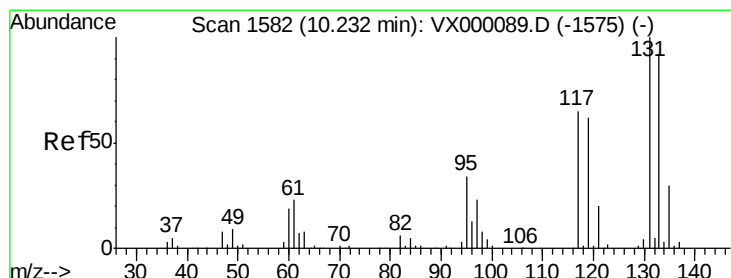
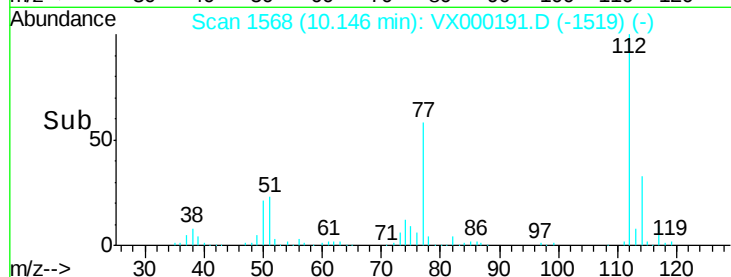
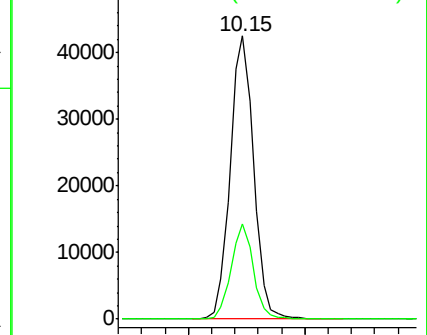
#65
Chlorobenzene
Concen: 19.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 59312
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4

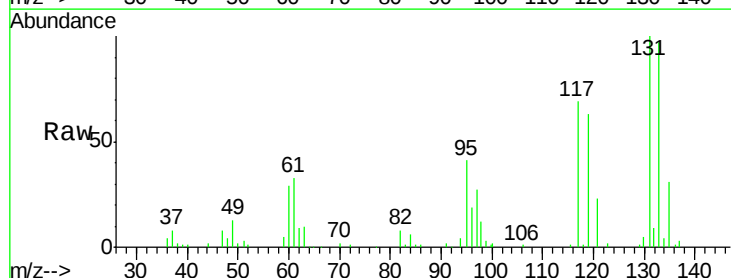


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

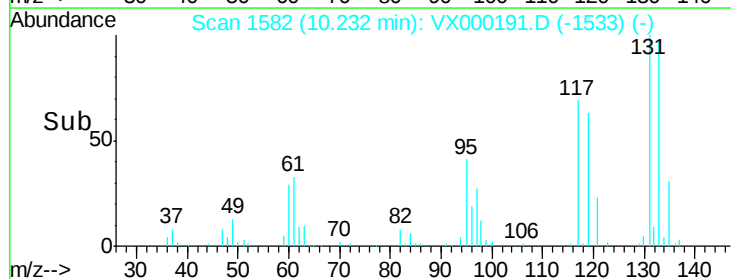
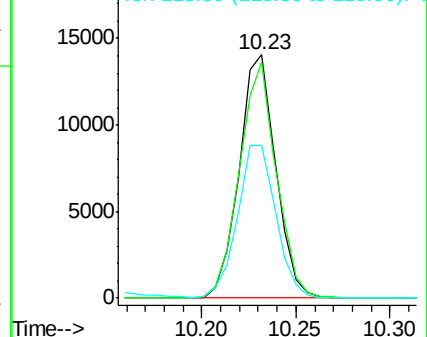


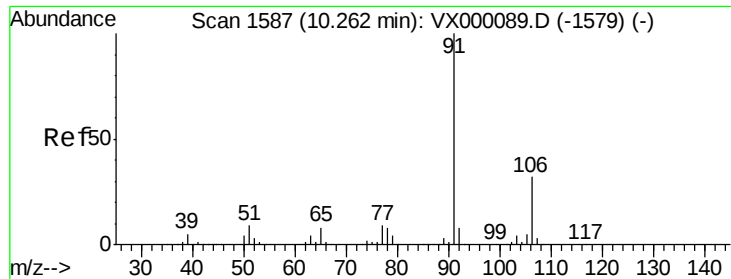
#66
1,1,1,2-Tetrachloroethane
Concen: 17.75 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion:131 Resp: 18910
Ion Ratio Lower Upper
131 100
133 97.5 47.4 142.3
119 66.5 31.7 95.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

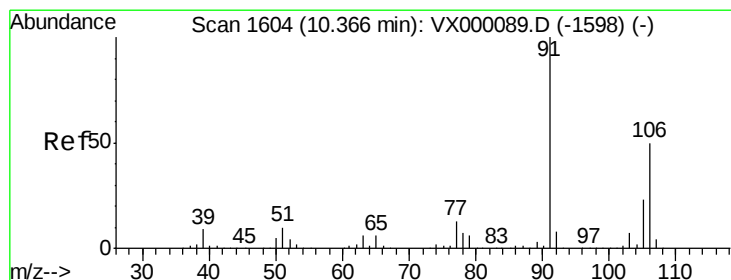
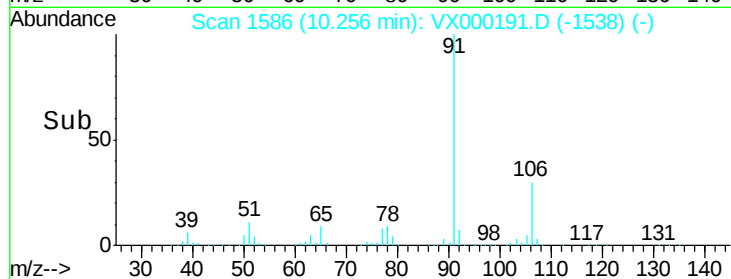
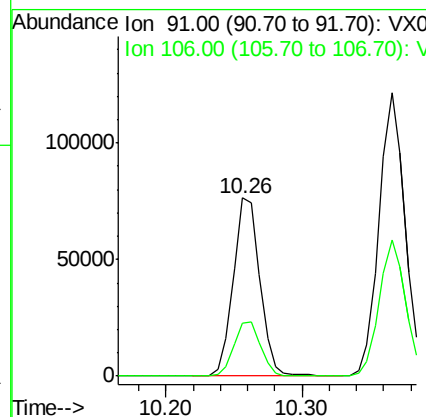
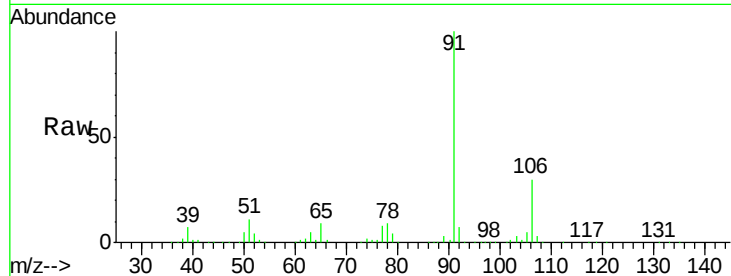




#67
Ethyl Benzene
Concen: 20.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

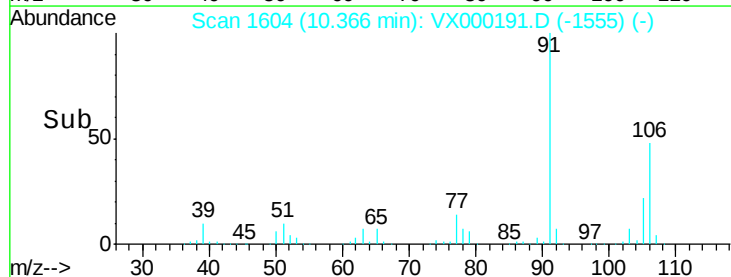
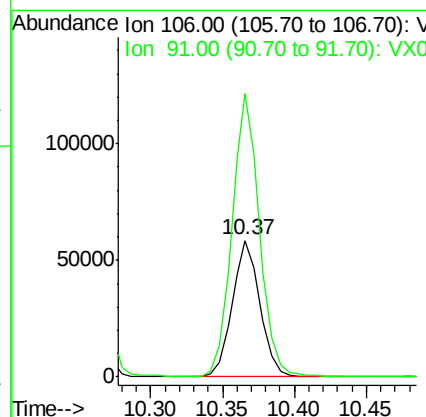
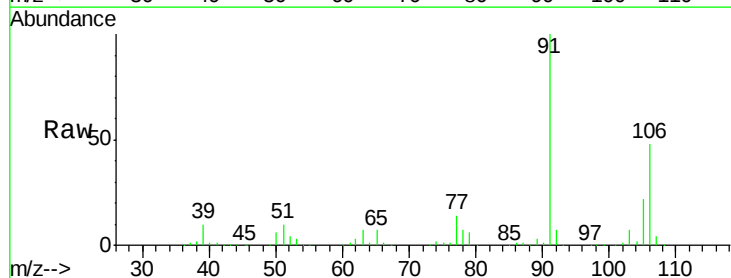
Instrument :
MSVOA_X
ClientSampleId :

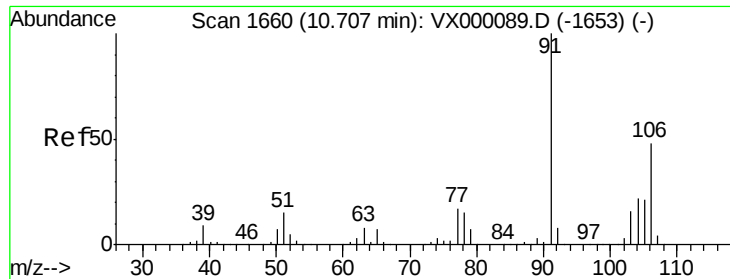
Tot Ion: 91 Resp: 104105
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.6



#68
m/p-Xylenes
Concen: 39.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 106 Resp: 79085
Ion Ratio Lower Upper
106 100
91 205.5 159.1 238.7

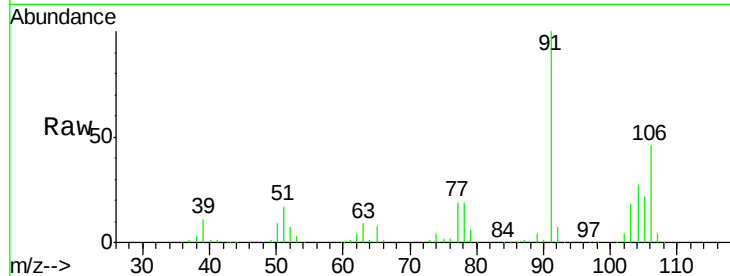




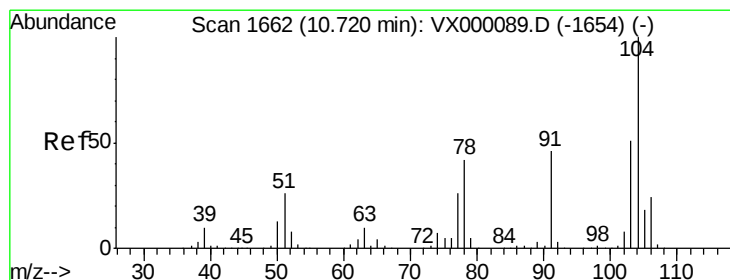
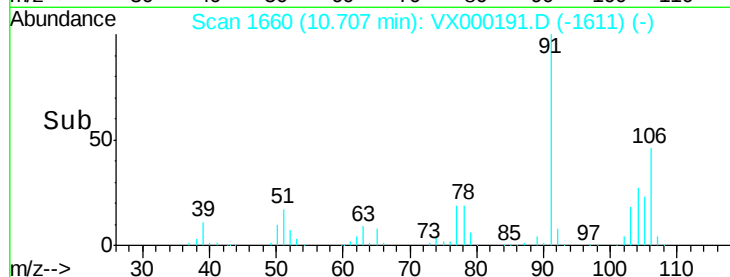
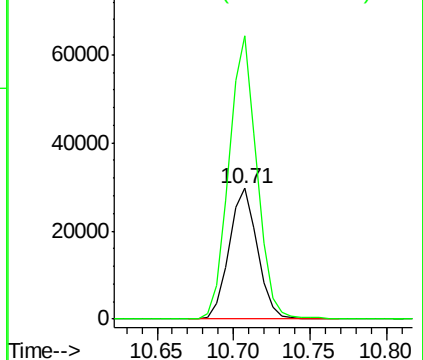
#69
o-Xylene
Concen: 19.50 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 38071
Ion Ratio Lower Upper
106 100
91 213.8 103.8 311.6

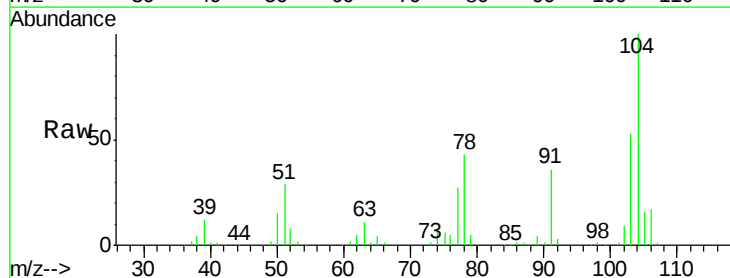


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

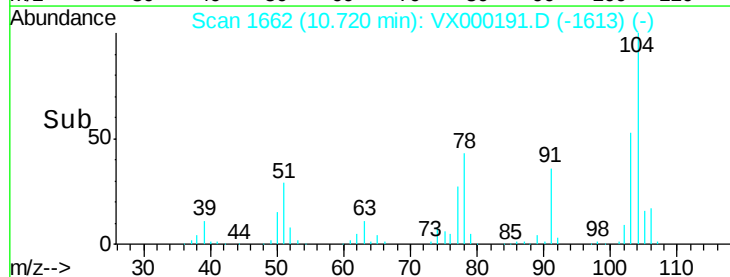
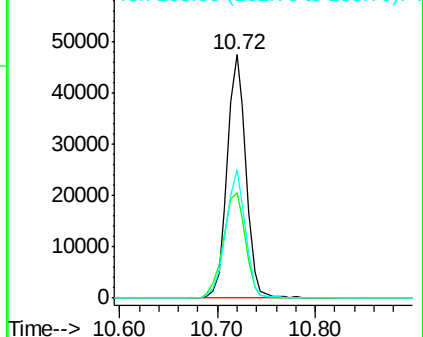


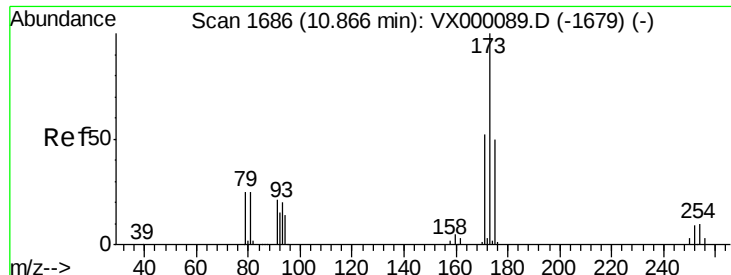
#70
Styrene
Concen: 19.81 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion:104 Resp: 63215
Ion Ratio Lower Upper
104 100
78 51.0 38.2 57.4
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 15.13 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

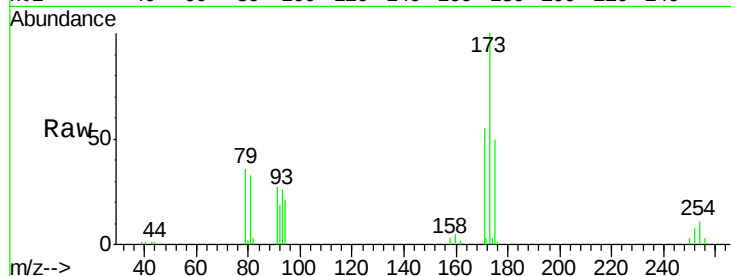
Tot Ion:173 Resp: 14635

Ion Ratio Lower Upper

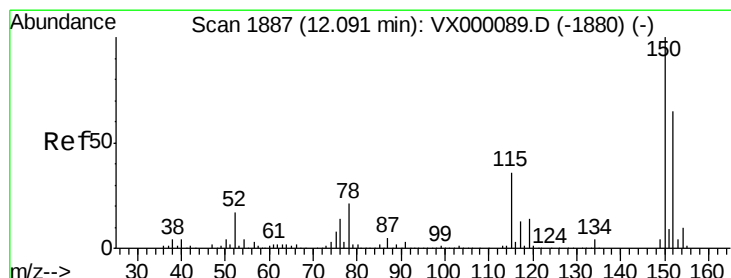
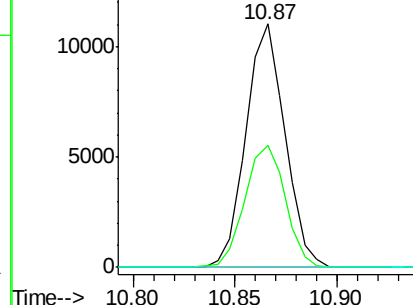
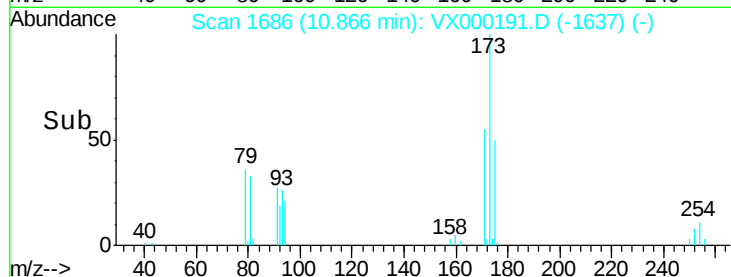
173 100

175 52.2 24.3 73.0

254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

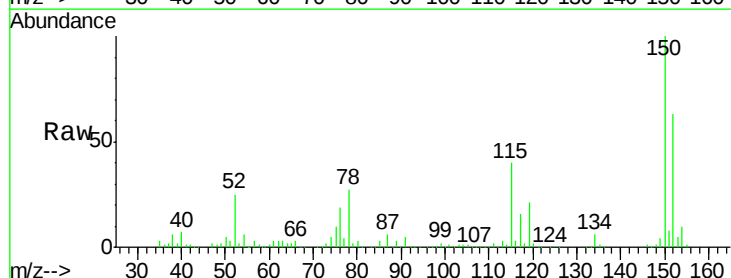
Tgt Ion:152 Resp: 82060

Ion Ratio Lower Upper

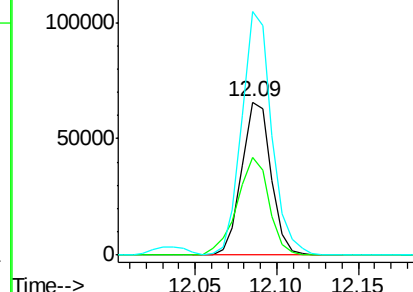
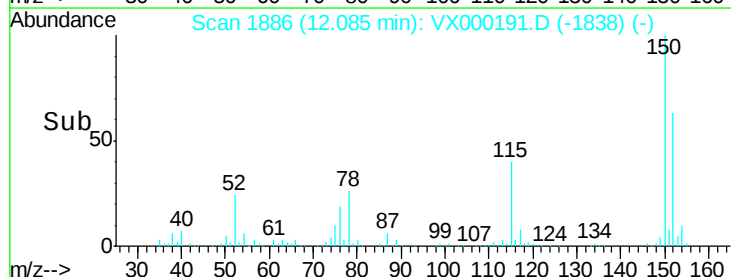
152 100

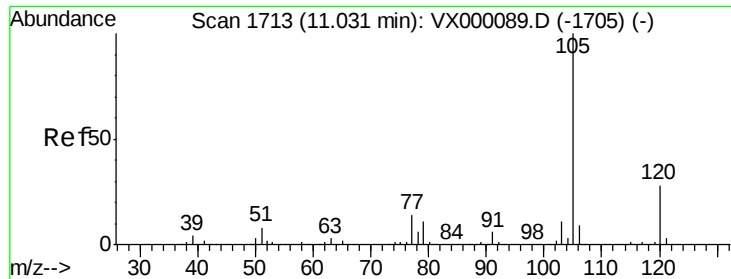
115 70.0 39.1 117.2

150 163.5 0.0 348.2



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: 20.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

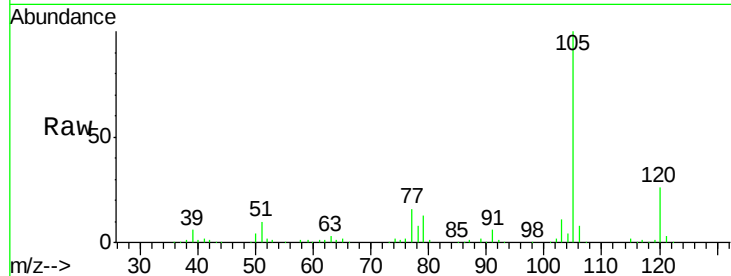
ClientSampleId :

Tot Ion:105 Resp: 104561

Ion Ratio Lower Upper

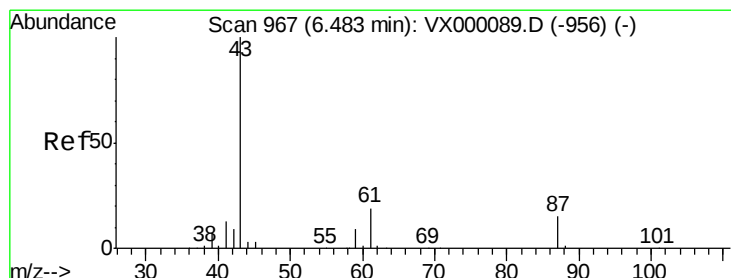
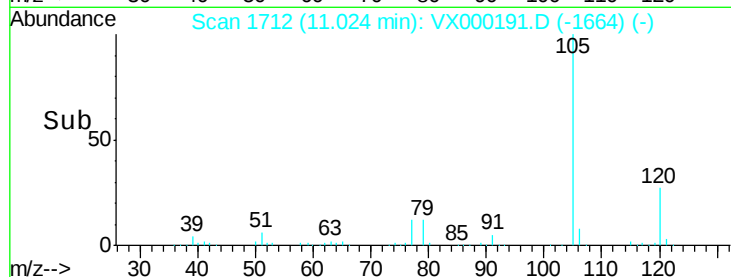
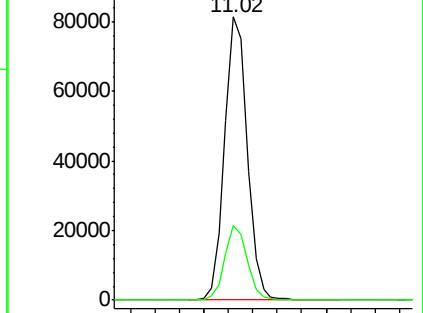
105 100

120 26.0 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.06 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Tgt Ion: 43 Resp: 52706

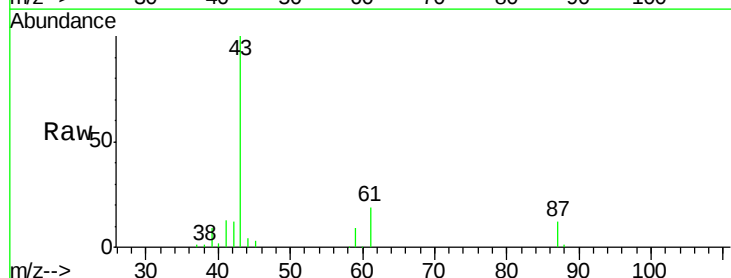
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.0 15.6 23.4

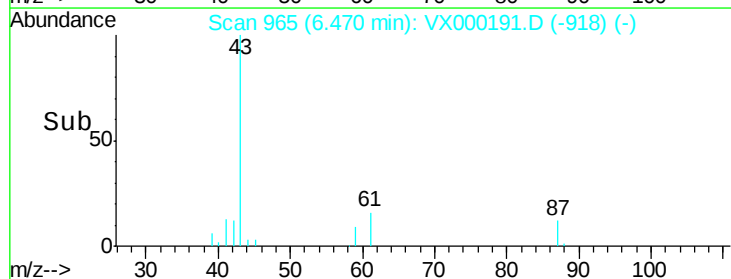
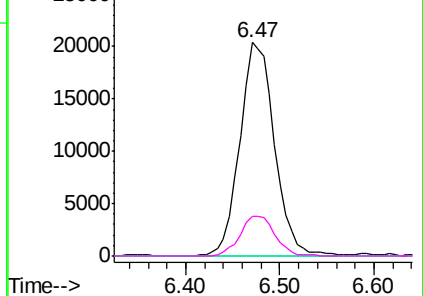


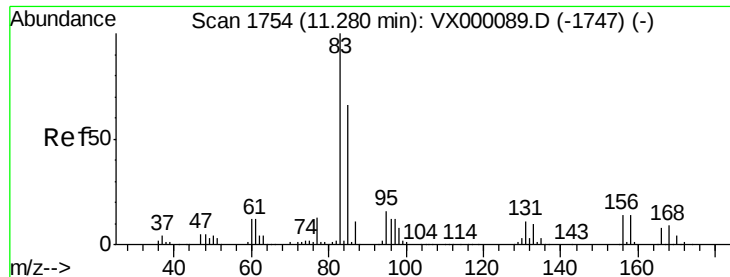
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

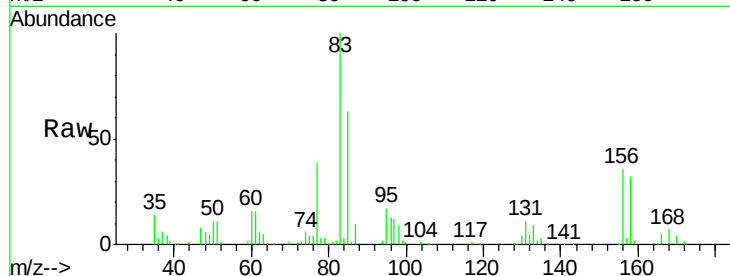
Tot Ion: 83 Resp: 36585

Ion Ratio Lower Upper

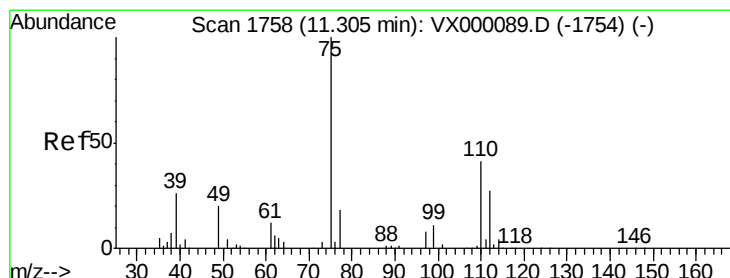
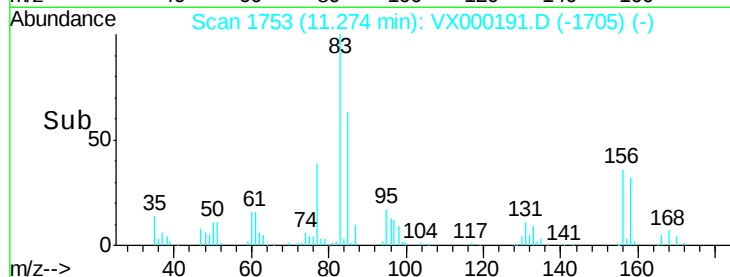
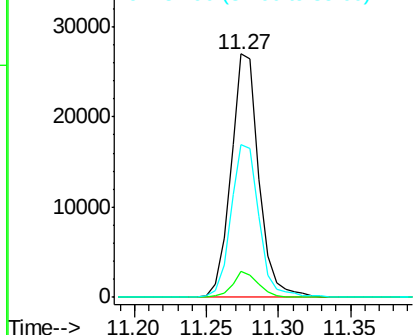
83 100

131 9.8 5.6 16.8

85 63.4 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 24.29 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000191.D

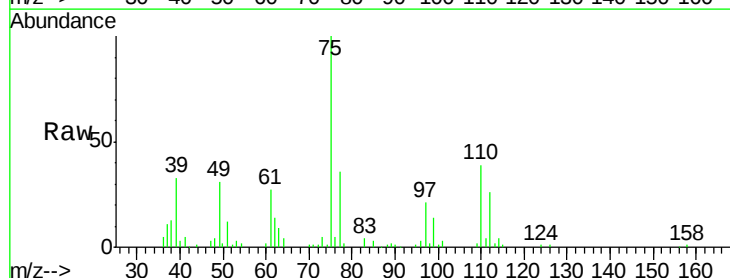
Acq: 02 Mar 2018 15:10

Tgt Ion: 75 Resp: 41298

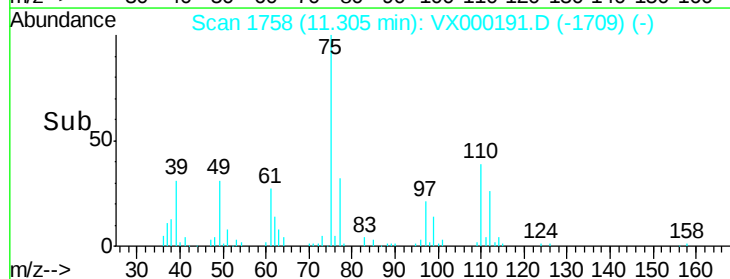
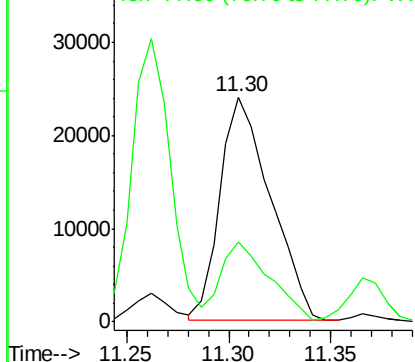
Ion Ratio Lower Upper

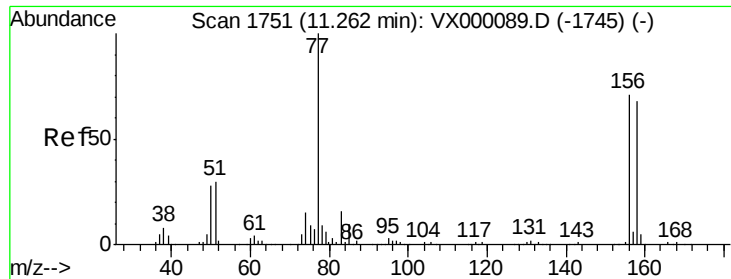
75 100

77 34.7 22.8 68.3



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





#77

Bromobenzene

Concen: 18.74 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

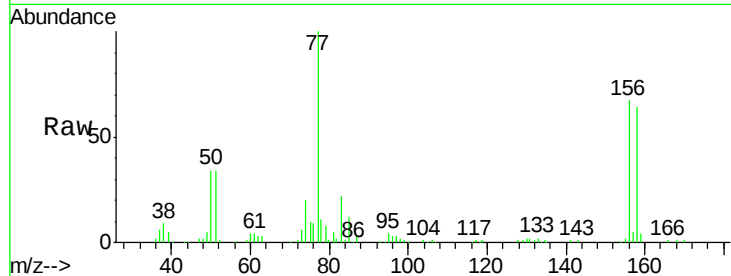
Tot Ion:156 Resp: 26409

Ion Ratio Lower Upper

156 100

77 151.5 67.0 201.0

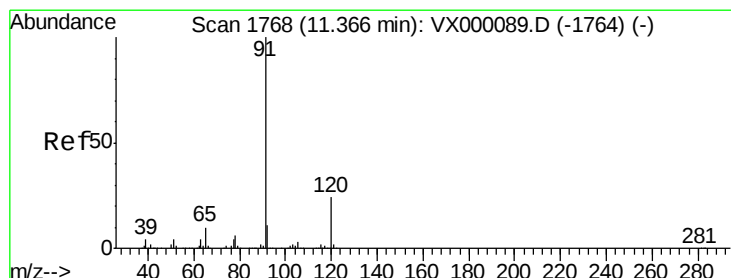
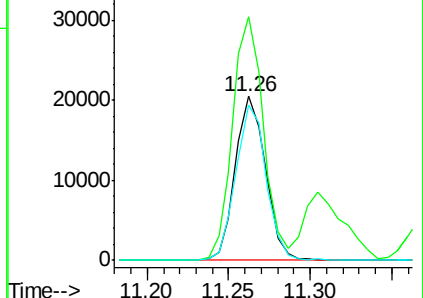
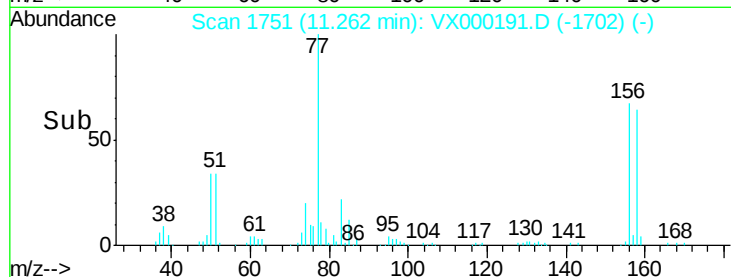
158 95.4 48.3 144.9



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: 20.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000191.D

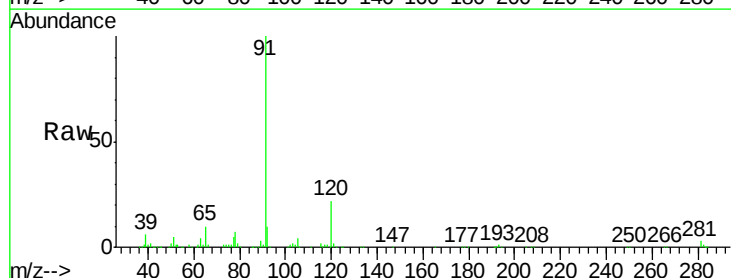
Acq: 02 Mar 2018 15:10

Tgt Ion: 91 Resp: 126213

Ion Ratio Lower Upper

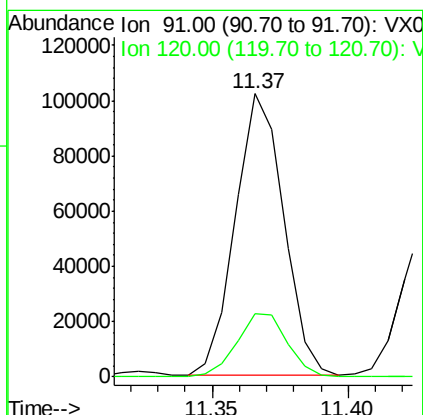
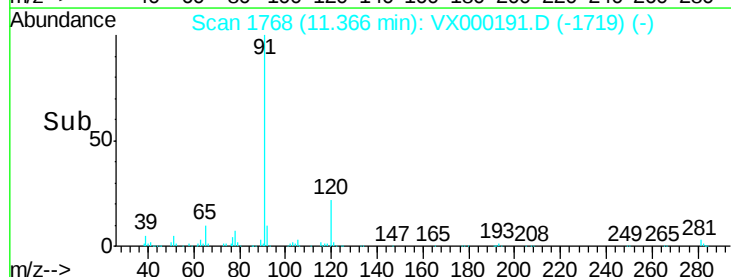
91 100

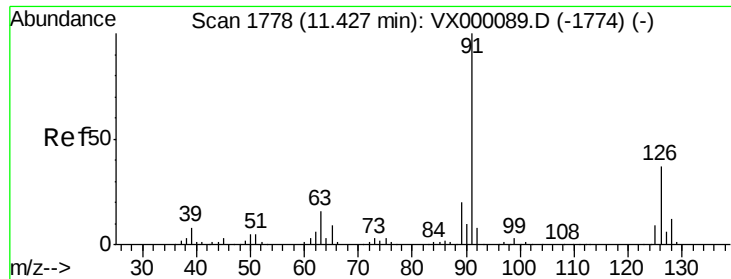
120 23.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

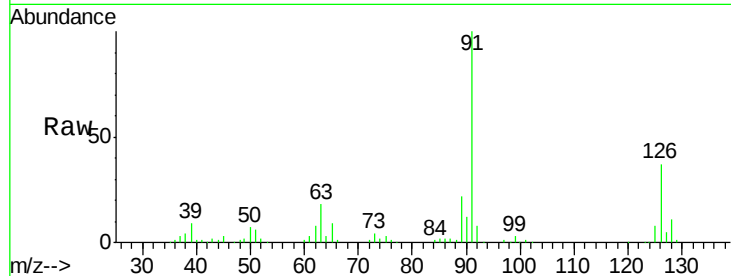
ClientSampleId :

Tot Ion: 91 Resp: 69175

Ion Ratio Lower Upper

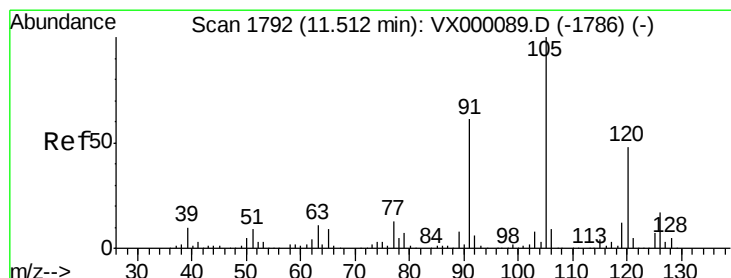
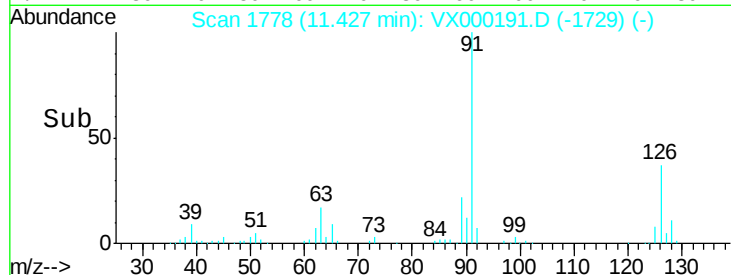
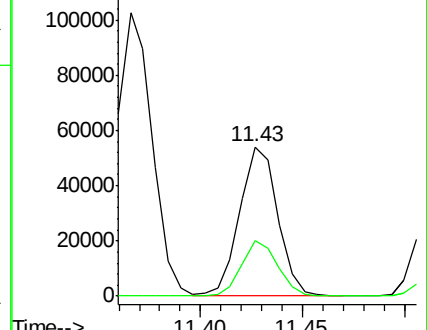
91 100

126 35.9 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000191.D

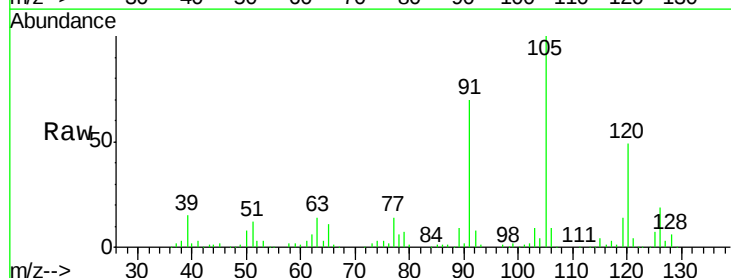
Acq: 02 Mar 2018 15:10

Tgt Ion: 105 Resp: 87669

Ion Ratio Lower Upper

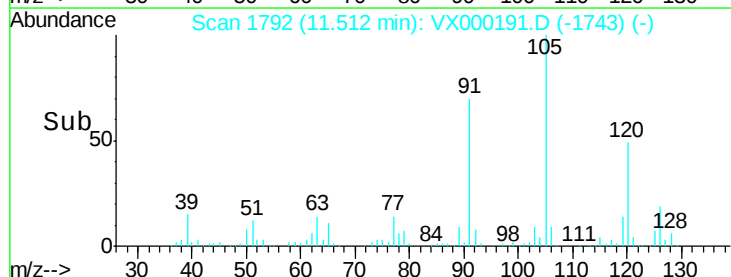
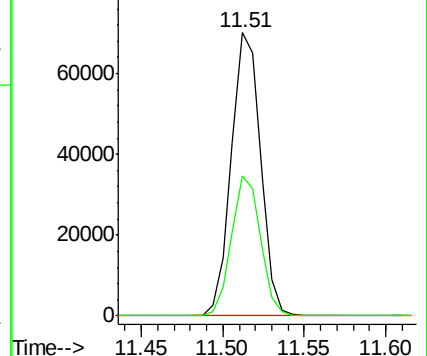
105 100

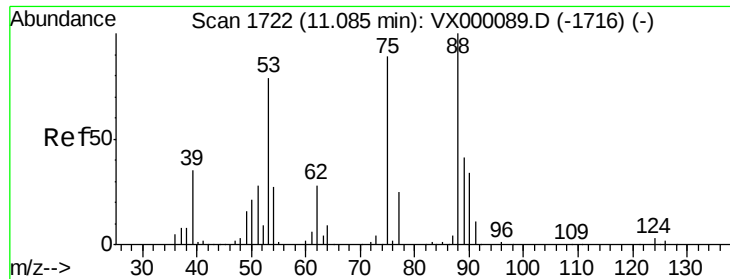
120 49.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.48 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

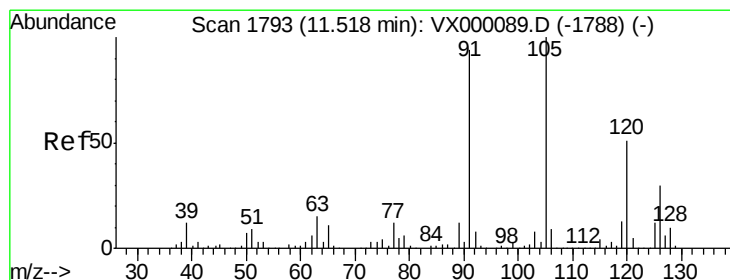
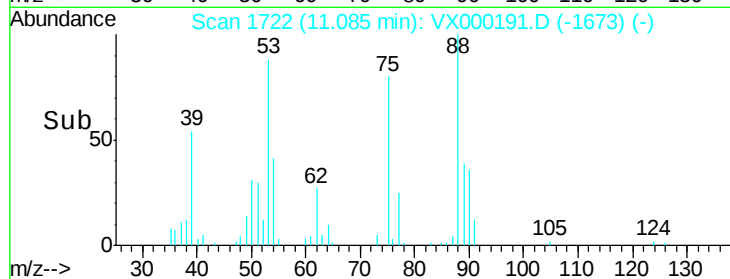
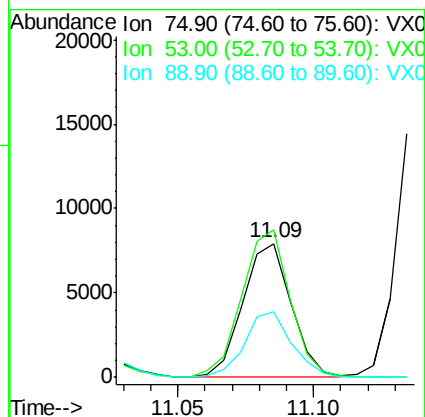
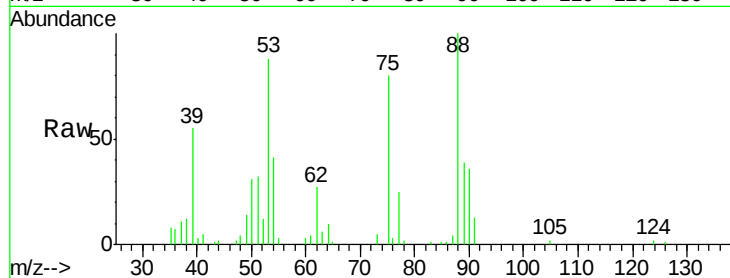
Tot Ion: 75 Resp: 9835

Ion Ratio Lower Upper

75 100

53 109.5 72.3 108.5#

89 47.2 40.6 60.8



#82

4-Chlorotoluene

Concen: 19.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000191.D

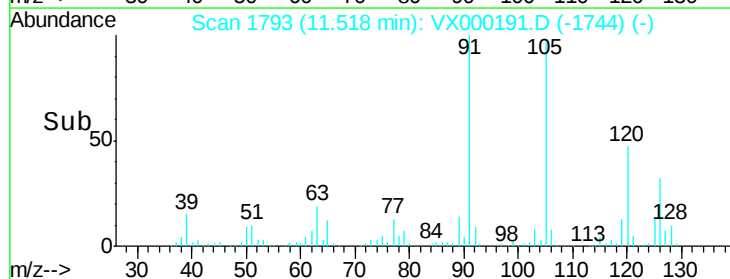
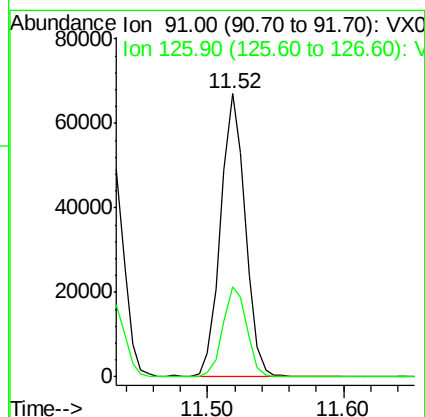
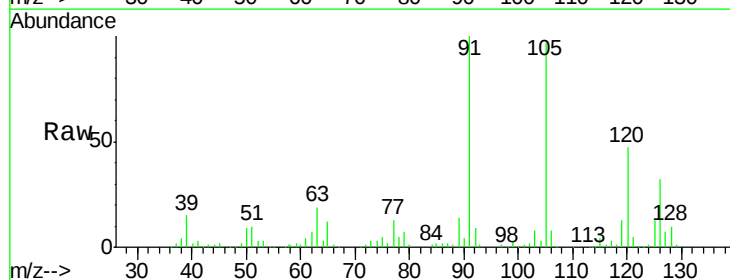
Acq: 02 Mar 2018 15:10

Tgt Ion: 91 Resp: 84179

Ion Ratio Lower Upper

91 100

126 31.0 16.7 50.0

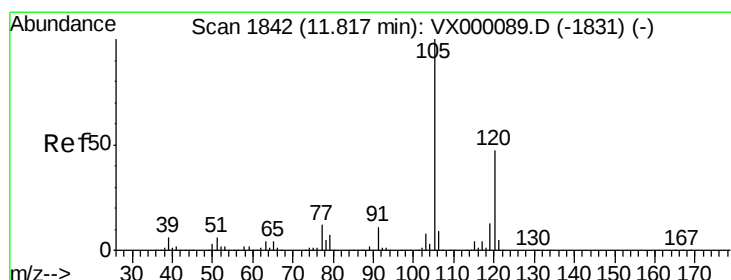
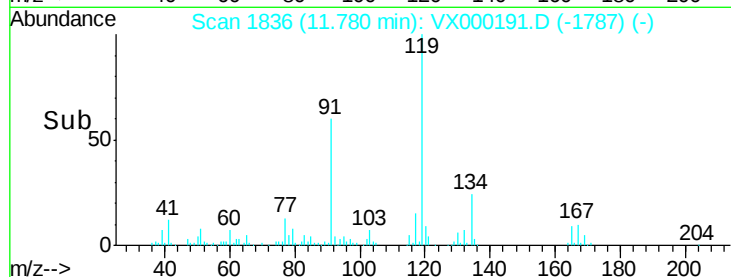
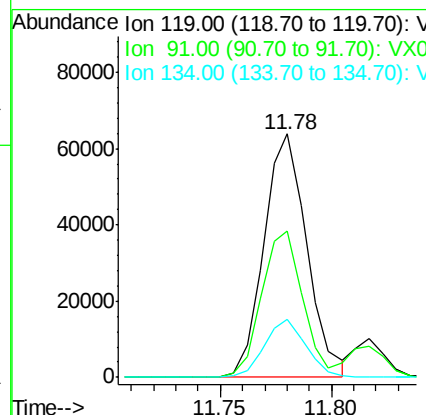
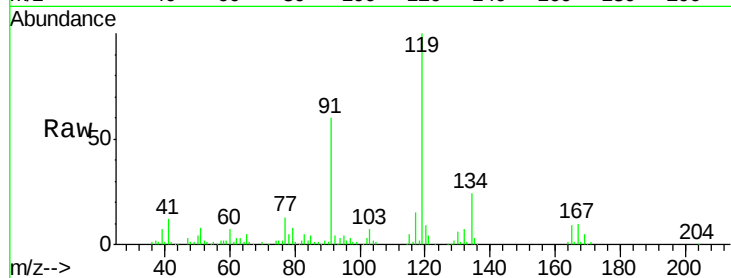




#83
tert-Butylbenzene
Concen: 19.27 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

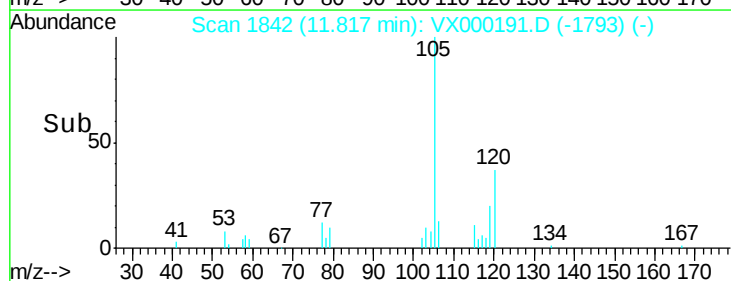
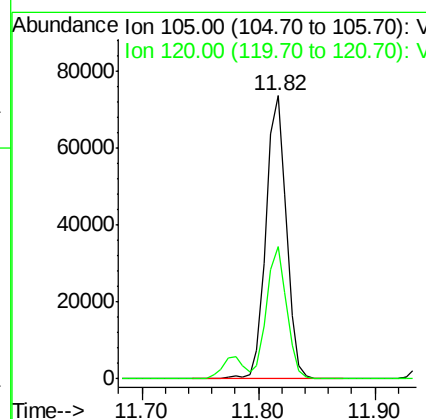
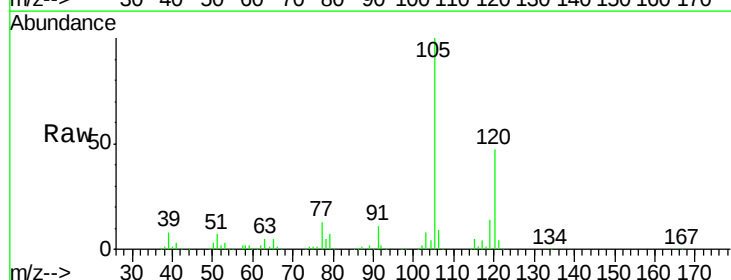
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 85555
Ion Ratio Lower Upper
119 100
91 57.4 28.4 85.2
134 23.0 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 19.83 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion:105 Resp: 90536
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.05 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

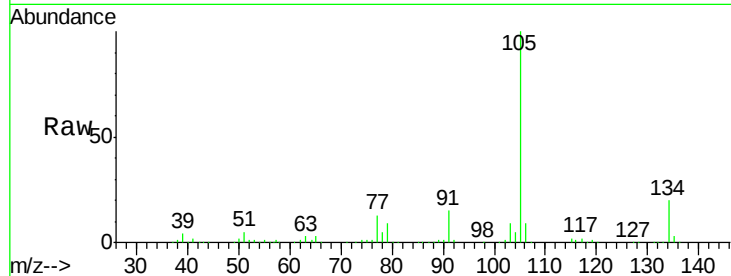
ClientSampleId :

Tot Ion:105 Resp: 110534

Ion Ratio Lower Upper

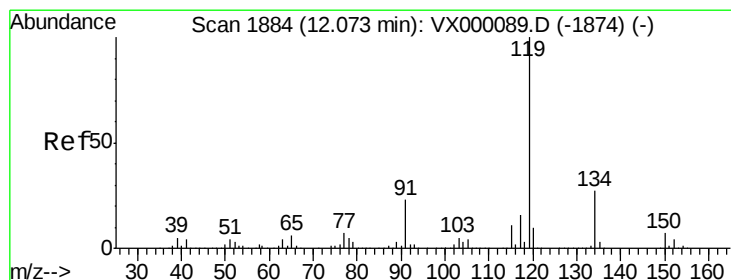
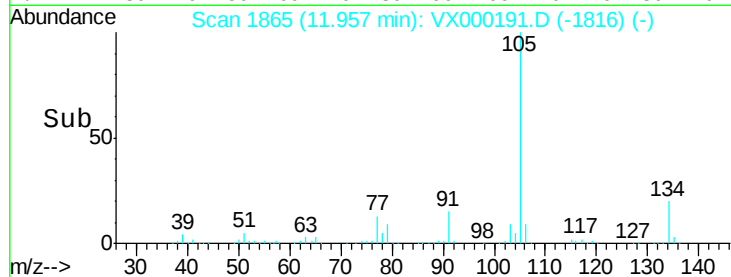
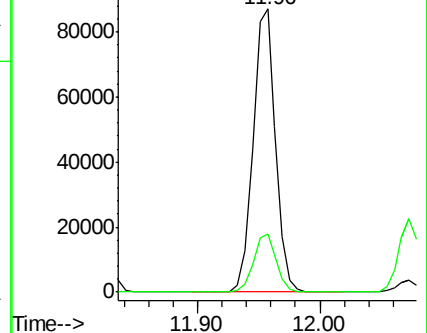
105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.30 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

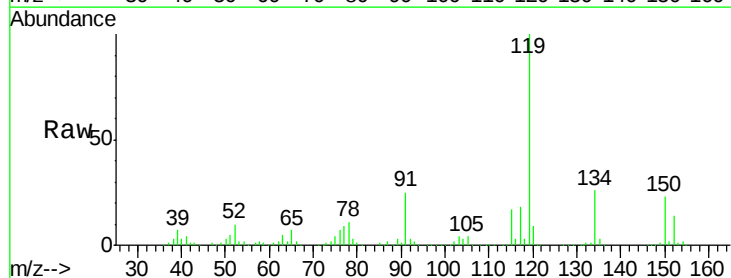
Tgt Ion:119 Resp: 100001

Ion Ratio Lower Upper

119 100

134 26.2 13.7 41.0

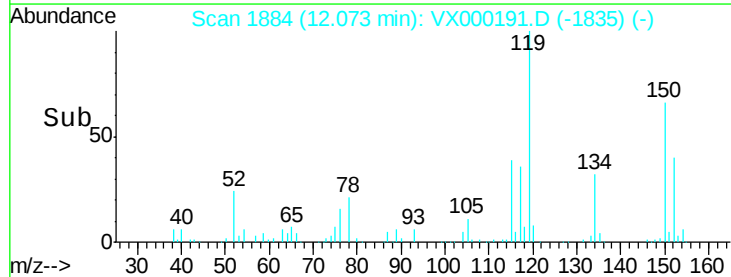
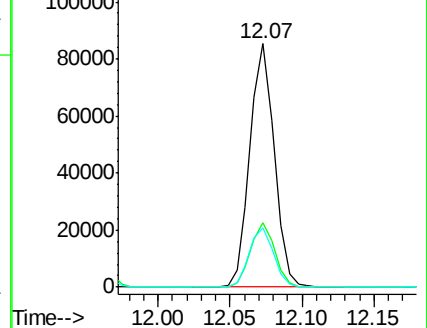
91 24.6 11.7 35.0

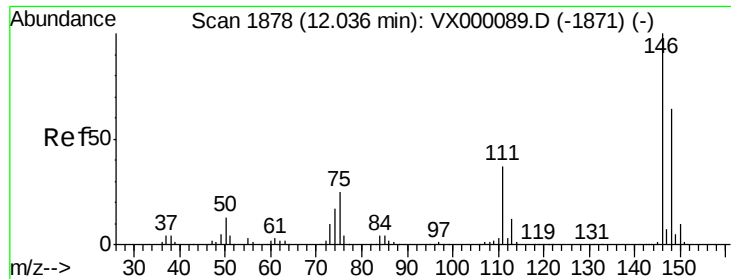


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

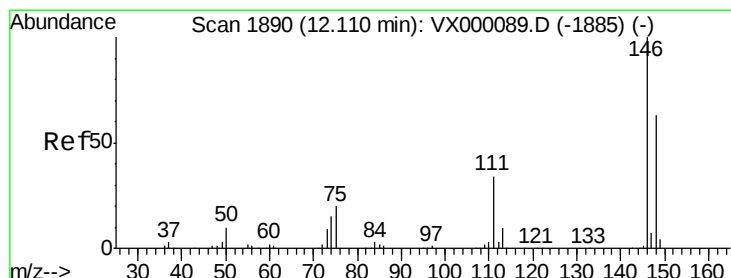
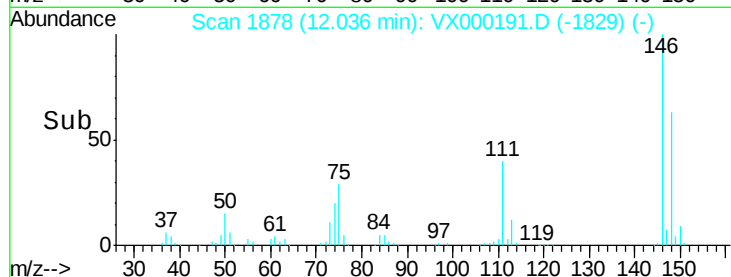
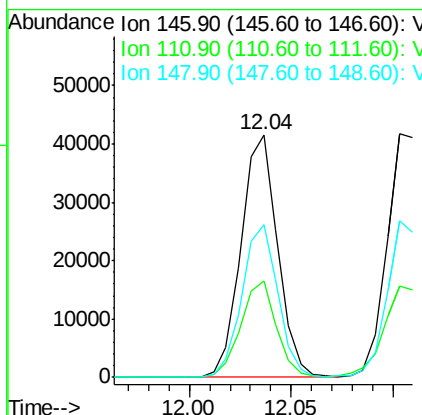
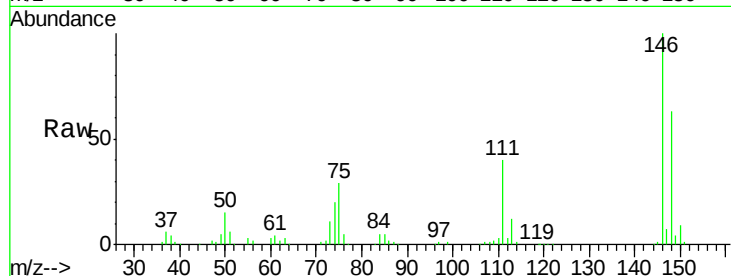




#87
 1,3-Dichlorobenzene
 Concen: 19.15 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

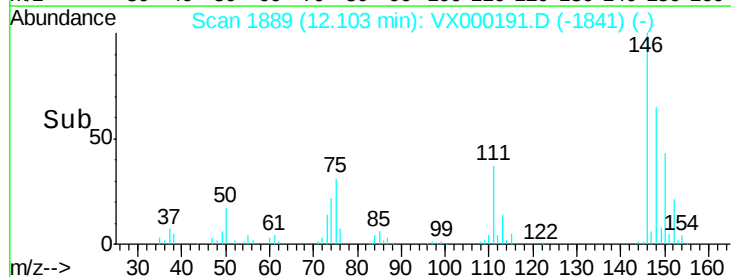
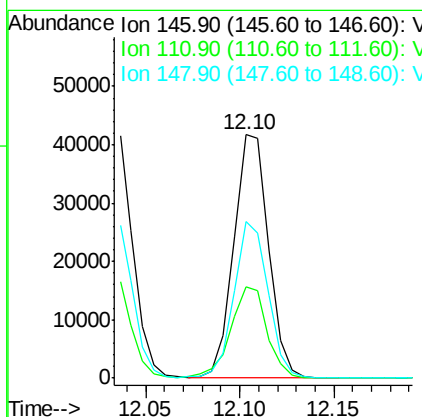
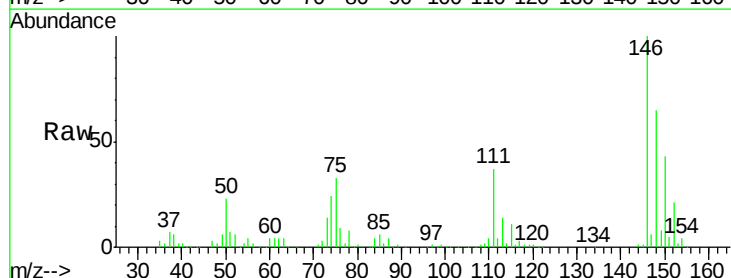
Instrument :
 MSVOA_X
 ClientSampleId :

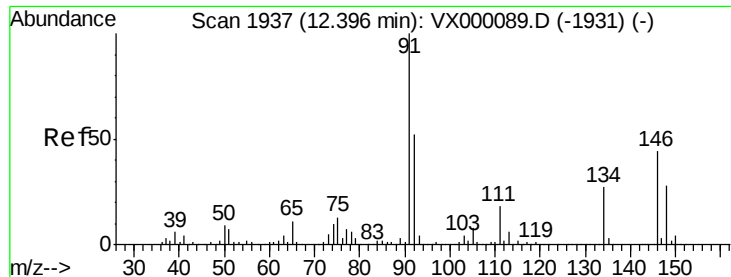
Tot Ion:146 Resp: 51772
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.3
 148 62.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.08 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion:146 Resp: 53297
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.4 55.0
 148 63.1 31.9 95.9

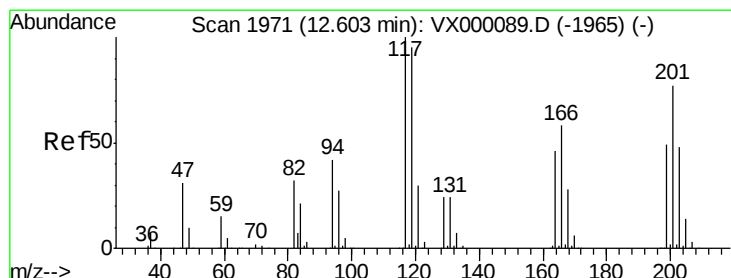
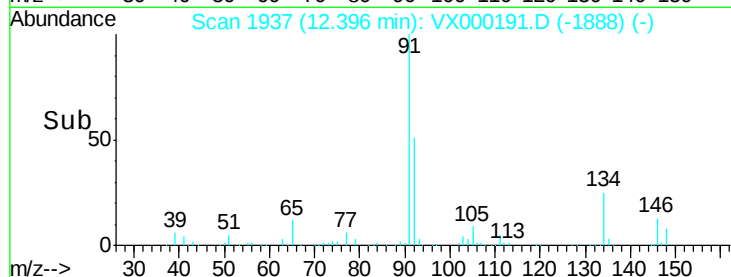
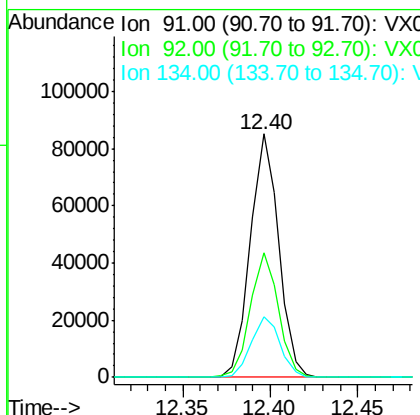
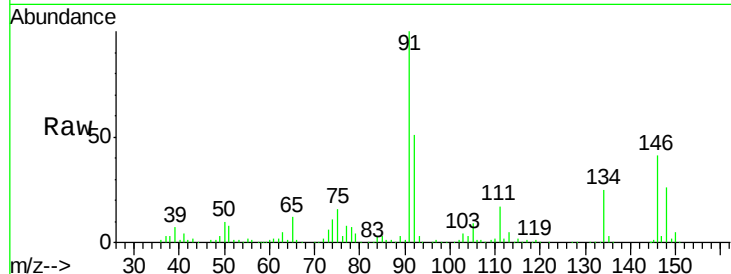




#89
n-Butylbenzene
Concen: 20.64 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

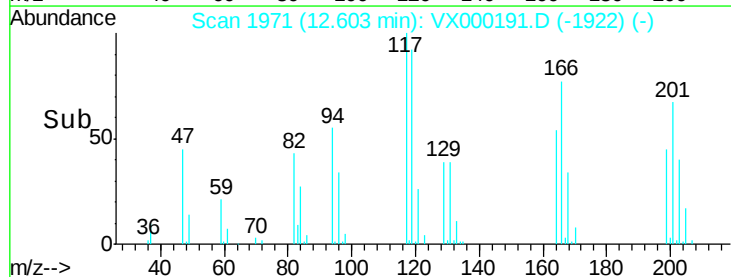
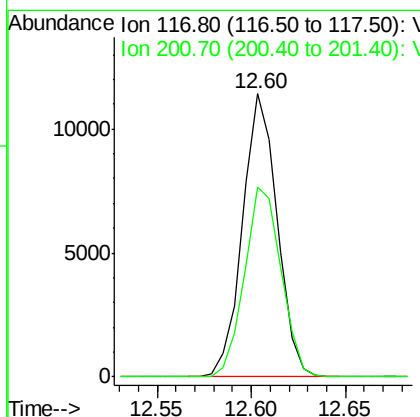
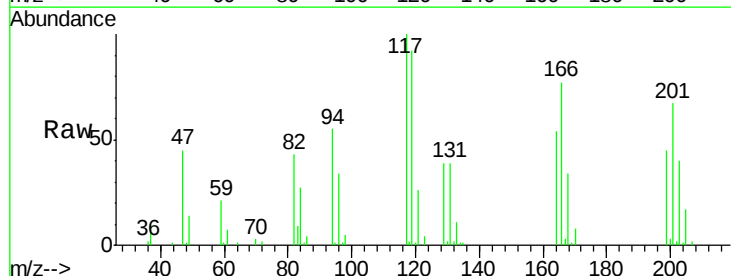
Instrument :
MSVOA_X
ClientSampleId :

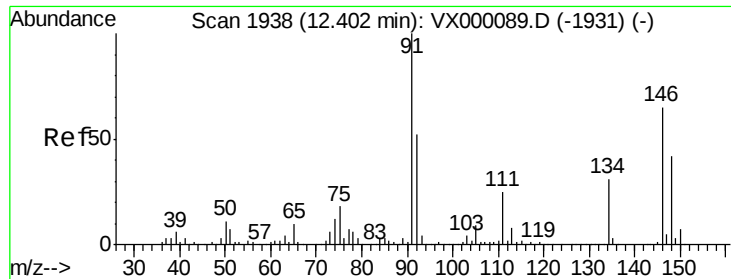
Tot Ion: 91 Resp: 95885
Ion Ratio Lower Upper
91 100
92 50.7 26.2 78.6
134 25.5 14.3 42.9



#90
Hexachloroethane
Concen: 18.14 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion: 117 Resp: 14550
Ion Ratio Lower Upper
117 100
201 70.7 41.1 123.4





#91

1,2-Dichlorobenzene

Concen: 18.54 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

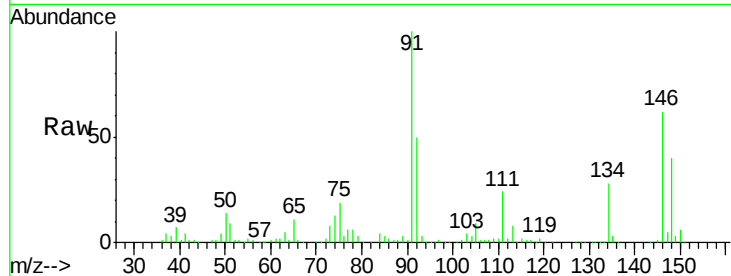
Tot Ion:146 Resp: 49339

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.8

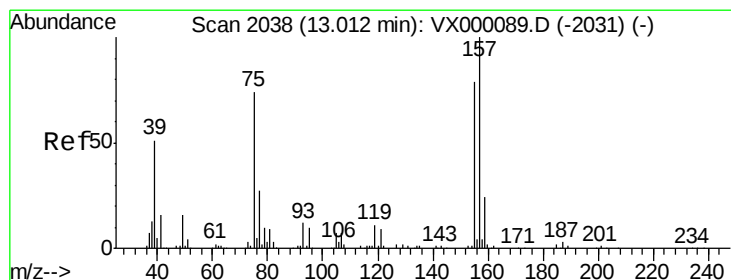
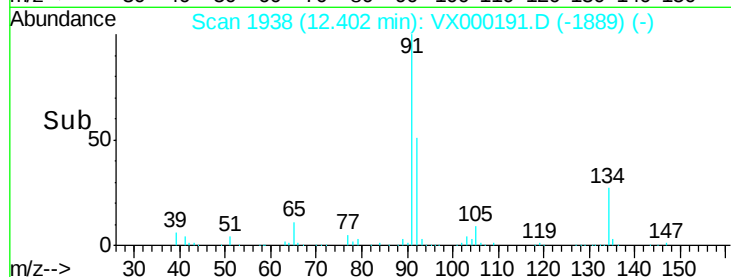
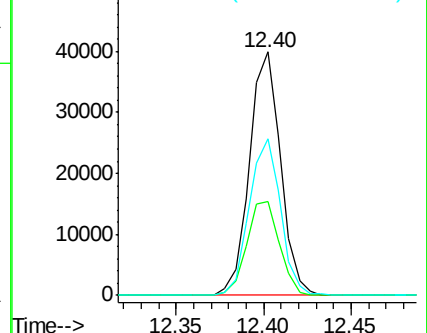
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.62 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000191.D

Acq: 02 Mar 2018 15:10

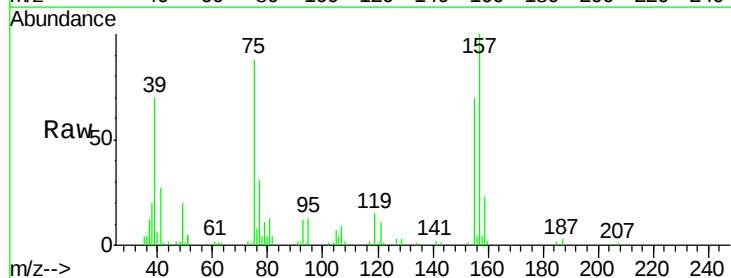
Tgt Ion: 75 Resp: 9866

Ion Ratio Lower Upper

75 100

155 82.3 49.3 147.9

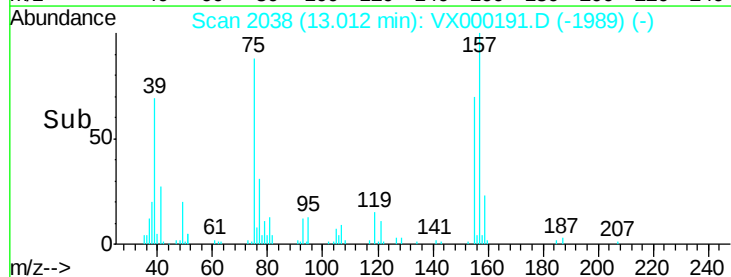
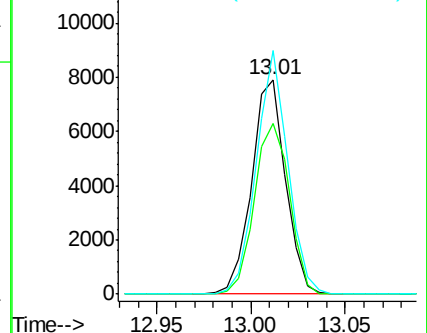
157 105.4 63.7 191.1

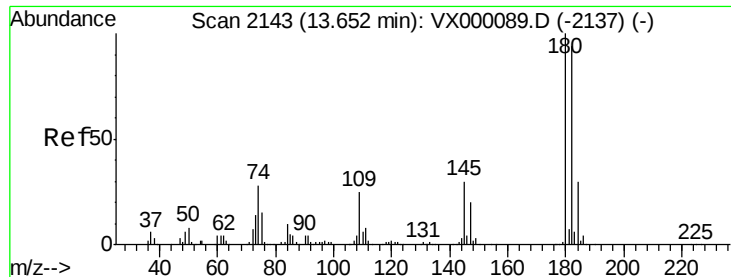


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

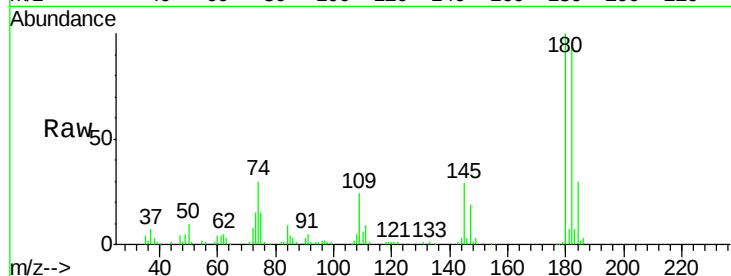




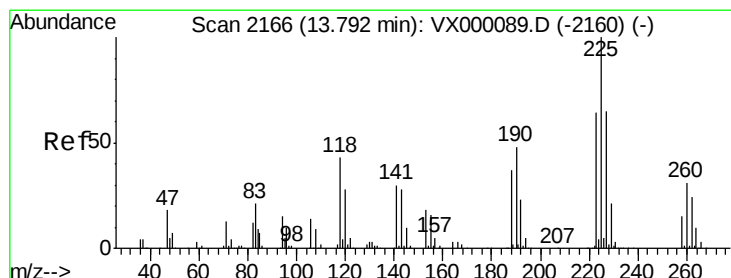
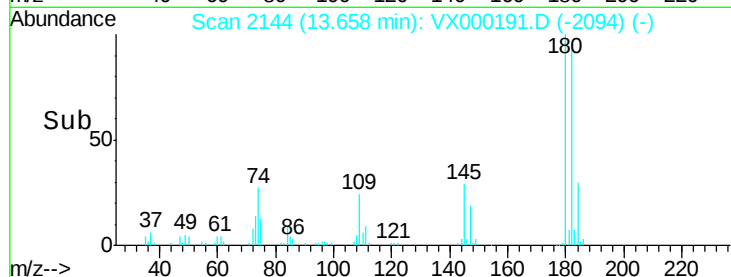
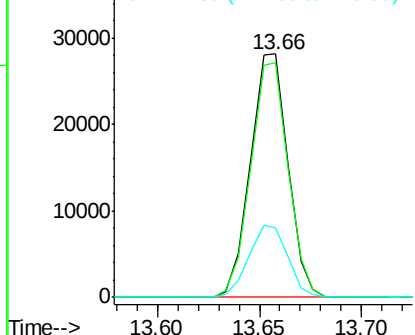
#93
 1,2,4-Trichlorobenzene
 Concen: 18.06 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 36050
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.4
 145 30.9 14.7 44.1

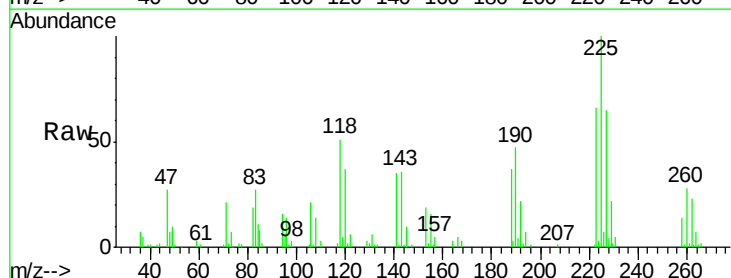


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

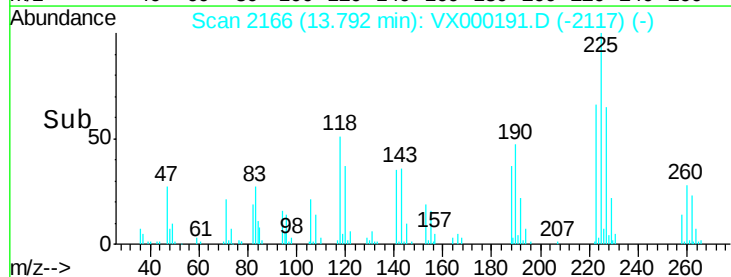
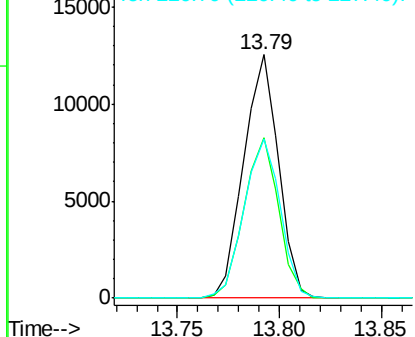


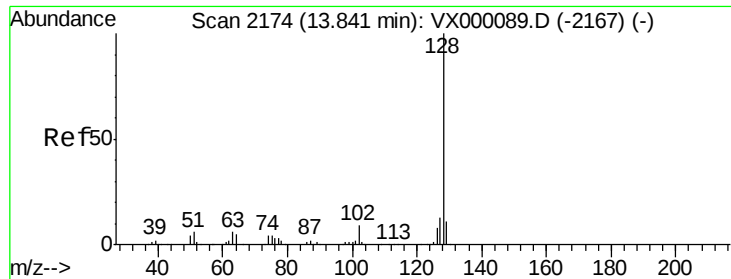
#94
 Hexachlorobutadiene
 Concen: 17.09 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000191.D
 Acq: 02 Mar 2018 15:10

Tgt Ion:225 Resp: 14892
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.9 95.7
 227 68.0 32.8 98.4



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

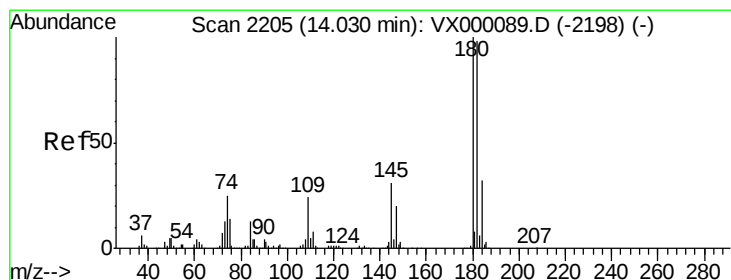
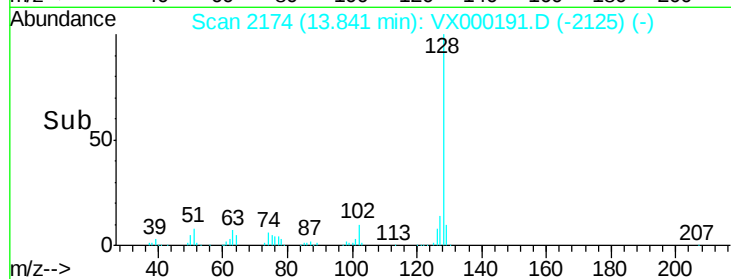
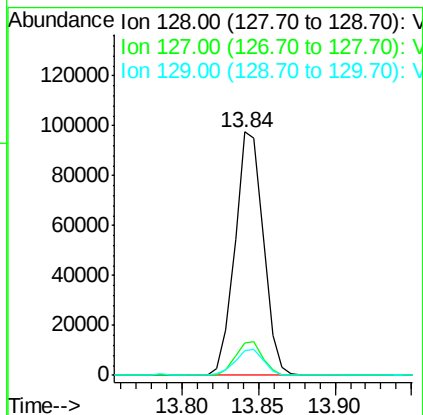
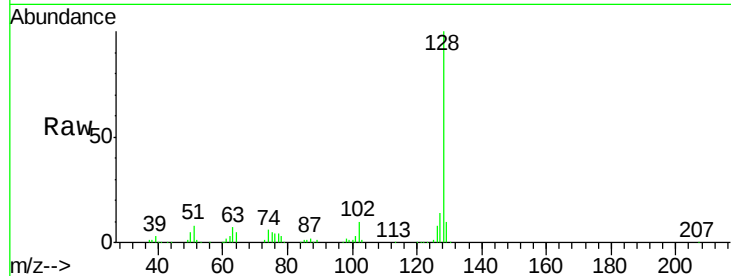




#95
Naphthalene
Concen: 18.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 124780
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.14 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000191.D
Acq: 02 Mar 2018 15:10

Tgt Ion:180 Resp: 35757
Ion Ratio Lower Upper
180 100
182 98.0 48.2 144.6
145 31.9 15.3 45.9

