

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003192.D
 Acq On : 06 Jul 2018 01:00
 Operator : JC/MD
 Sample : VX0705WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 06 03:28:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149030	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	
35) Dibromofluoromethane	5.51	113	125920	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
50) Toluene-d8	8.72	98	435179	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	
62) 4-Bromofluorobenzene	11.14	95	168049	40.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48861	20.00	ug/l	100
3) Chloromethane	1.32	50	52903	20.34	ug/l	99
4) Vinyl Chloride	1.40	62	58412	19.05	ug/l	99
5) Bromomethane	1.64	94	23151	14.23	ug/l	98
6) Chloroethane	1.72	64	37411	19.50	ug/l	95
7) Trichlorofluoromethane	1.93	101	90442	17.48	ug/l	100
8) Diethyl Ether	2.19	74	34004	18.08	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53433	17.83	ug/l	97
10) Methyl Iodide	2.51	142	47955	20.04	ug/l	97
11) Tert butyl alcohol	3.08	59	72175	96.67	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49533	18.52	ug/l	87
13) Acrolein	2.29	56	26080	66.17	ug/l	100
14) Allyl chloride	2.73	41	90735	17.21	ug/l	94
15) Acrylonitrile	3.15	53	150998	94.68	ug/l	99
16) Acetone	2.45	43	141487	91.16	ug/l	95
17) Carbon Disulfide	2.57	76	126110	17.70	ug/l	99
18) Methyl Acetate	2.78	43	78235	18.03	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	171924	17.88	ug/l	100
20) Methylene Chloride	2.86	84	56357	18.66	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52548	18.04	ug/l	91
22) Diisopropyl ether	3.88	45	187045	18.56	ug/l	97
23) Vinyl Acetate	3.83	43	769764	90.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	99495	18.17	ug/l	99
25) 2-Butanone	4.71	43	230580	100.10	ug/l	98
26) 2,2-Dichloropropane	4.59	77	46839	10.52	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	62824	19.24	ug/l	94
28) Bromochloromethane	5.03	49	49275	18.80	ug/l	89
29) Tetrahydrofuran	5.17	42	147864	100.10	ug/l	96
30) Chloroform	5.22	83	105844	18.83	ug/l	94
31) Cyclohexane	5.58	56	87129	18.54	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	92910	18.79	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75414	18.27	ug/l	98
37) Ethyl Acetate	4.87	43	86644	19.50	ug/l	98
38) Carbon Tetrachloride	5.78	117	83485	18.43	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 06 03:28:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84940	17.67	ug/l	96
40) Benzene	6.15	78	230353	19.21	ug/l	100
41) Methacrylonitrile	5.07	41	48550	18.97	ug/l	96
42) 1,2-Dichloroethane	6.20	62	87754	18.12	ug/l	98
43) Isopropyl Acetate	6.48	43	135333	18.16	ug/l	97
44) Trichloroethene	7.21	130	67134	18.78	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57786	18.17	ug/l	100
46) Dibromomethane	7.67	93	41627	18.86	ug/l	96
47) Bromodichloromethane	7.90	83	75884	18.59	ug/l	99
48) Methyl methacrylate	7.78	41	70516	18.36	ug/l	94
49) 1,4-Dioxane	7.76	88	30644	410.18	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	451554	96.84	ug/l	98
52) Toluene	8.79	92	147022	19.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	81057	17.54	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74300	16.71	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	61090	19.35	ug/l	97
56) Ethyl methacrylate	9.18	69	87402	18.95	ug/l	93
57) 1,3-Dichloropropane	9.38	76	99092	19.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	200515	90.09	ug/l	97
59) 2-Hexanone	9.50	43	347560	98.08	ug/l	96
60) Dibromochloromethane	9.59	129	62519	18.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64264	19.41	ug/l	99
64) Tetrachloroethene	9.34	164	81203	20.43	ug/l	98
65) Chlorobenzene	10.14	112	172467	19.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63708	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	281115	18.75	ug/l	98
68) m/p-Xylenes	10.36	106	218509	37.81	ug/l	98
69) o-Xylene	10.70	106	105039	18.66	ug/l	97
70) Styrene	10.71	104	174796	19.11	ug/l	98
71) Bromoform	10.86	173	47602	18.63	ug/l	# 100
73) Isopropylbenzene	11.02	105	285130	19.28	ug/l	99
74) N-amyl acetate	6.48	43	135333	18.70	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89151	19.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95198	23.91	ug/l	81
77) Bromobenzene	11.26	156	81401	19.33	ug/l	97
78) n-propylbenzene	11.37	91	315140	18.72	ug/l	98
79) 2-Chlorotoluene	11.43	91	191670	18.81	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	236701	19.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18088	15.66	ug/l	97
82) 4-Chlorotoluene	11.51	91	223626	18.53	ug/l	99
83) tert-Butylbenzene	11.77	119	230463	18.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	246899	19.13	ug/l	99
85) sec-Butylbenzene	11.95	105	279174	18.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	250016	18.67	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145252	18.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146493	18.51	ug/l	99
89) n-Butylbenzene	12.39	91	196827	16.89	ug/l	100
90) Hexachloroethane	12.60	117	34920	17.54	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	148665	19.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18946	18.50	ug/l	95

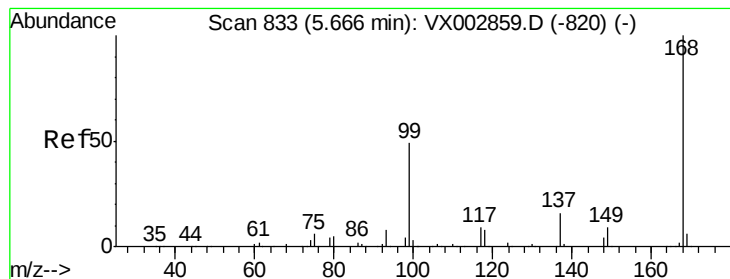
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104398	18.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	51047	18.11	ug/l	100
95) Naphthalene	13.84	128	299735	19.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108740	19.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

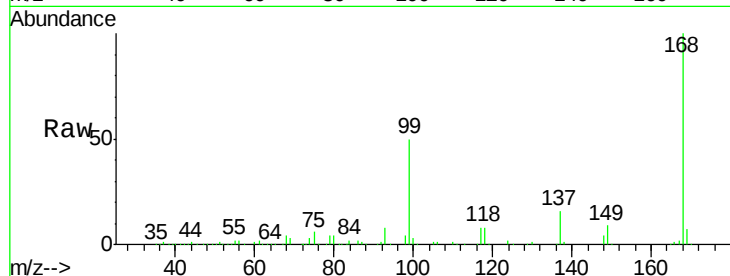
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 271162

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

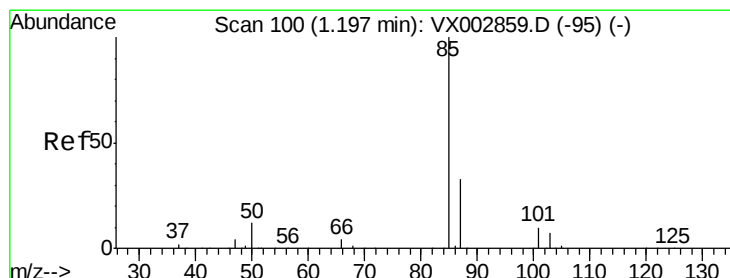
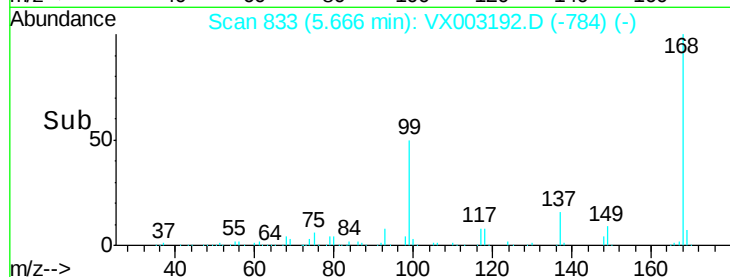
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003192.D

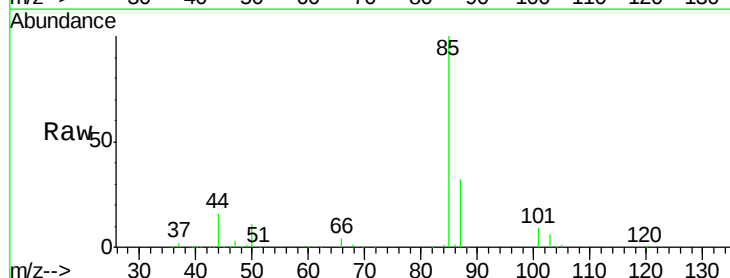
Acq: 06 Jul 2018 01:00

Tgt Ion: 85 Resp: 48861

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

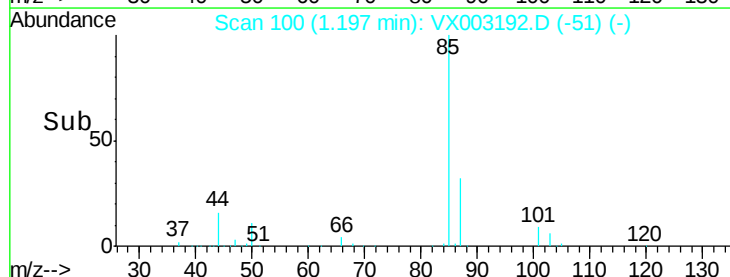
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

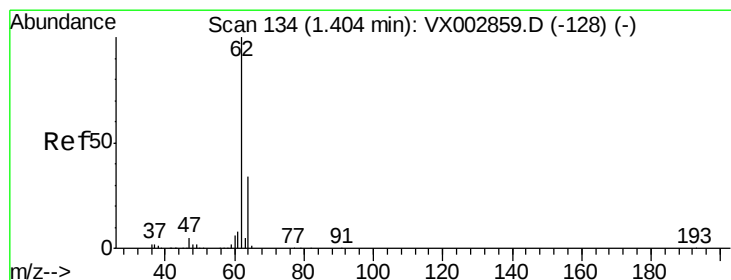
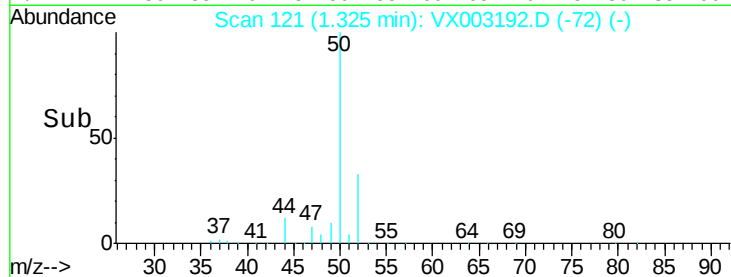
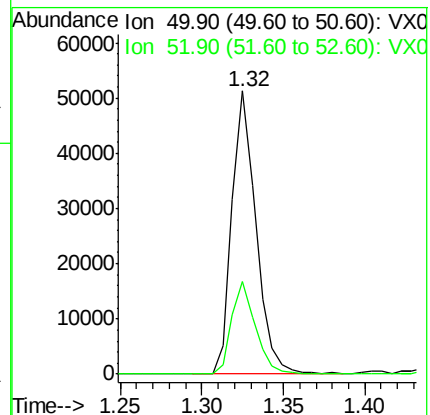
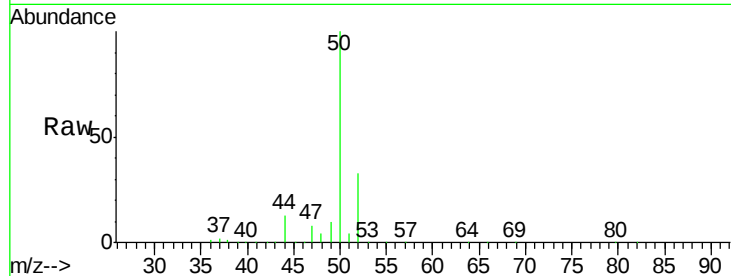
ClientSampled :

Tot Ion: 50 Resp: 52903

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 19.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003192.D

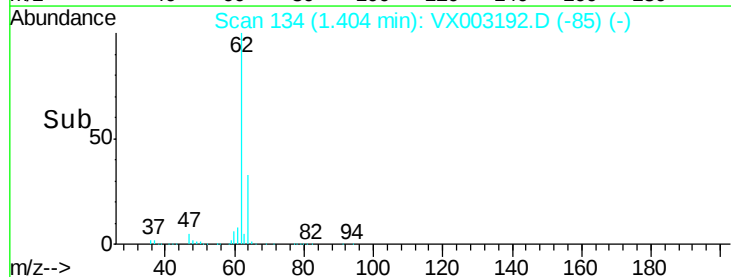
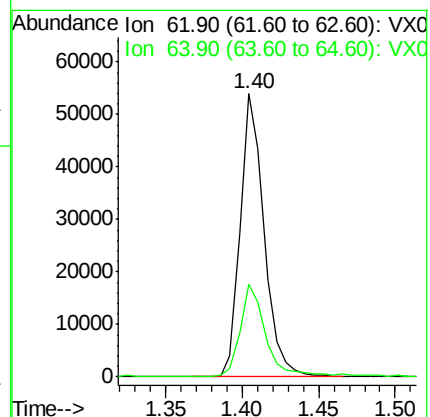
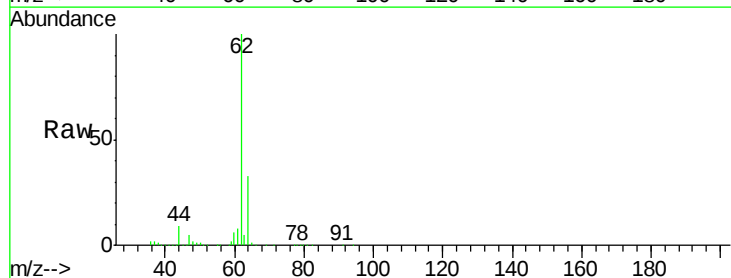
Acq: 06 Jul 2018 01:00

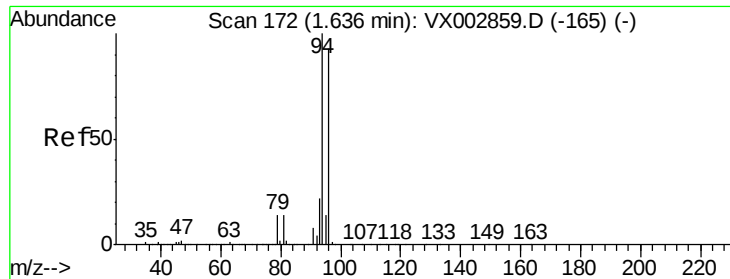
Tgt Ion: 62 Resp: 58412

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 14.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

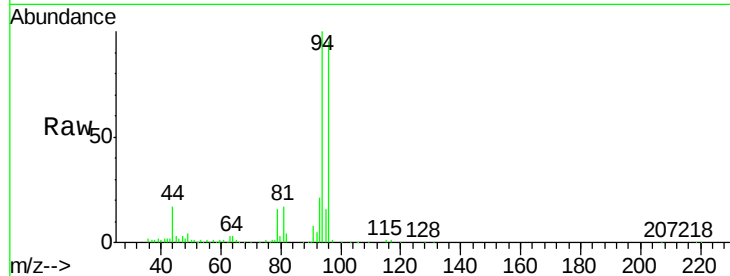
ClientSampleId :

Tot Ion: 94 Resp: 23151

Ion Ratio Lower Upper

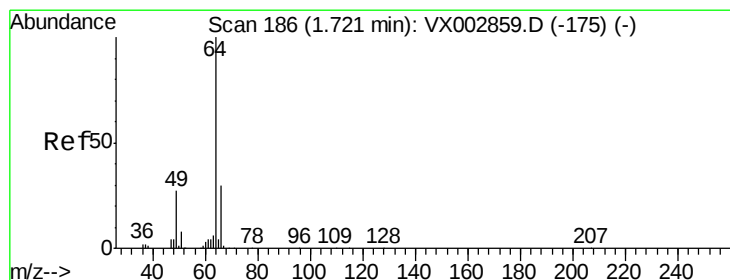
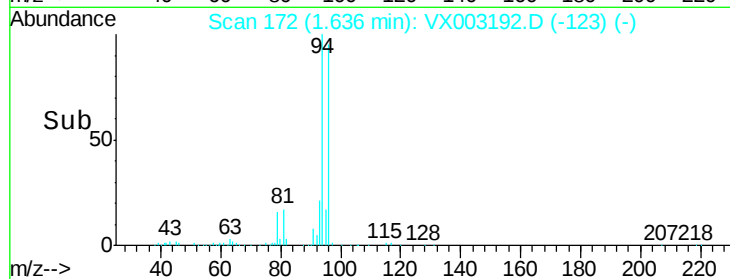
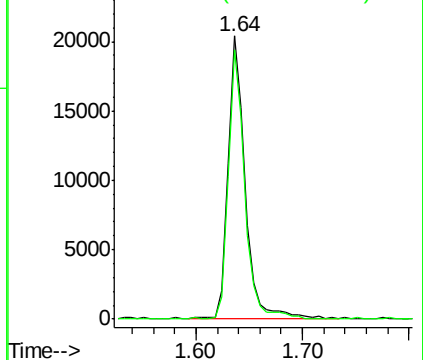
94 100

96 95.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.50 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003192.D

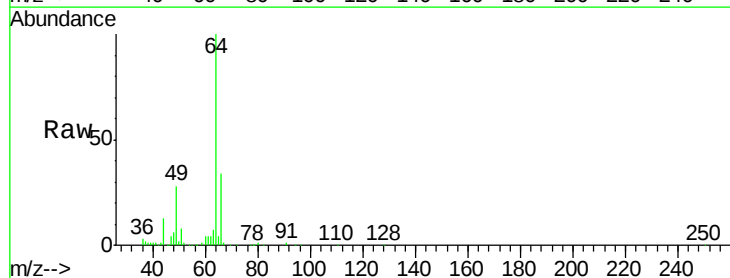
Acq: 06 Jul 2018 01:00

Tgt Ion: 64 Resp: 37411

Ion Ratio Lower Upper

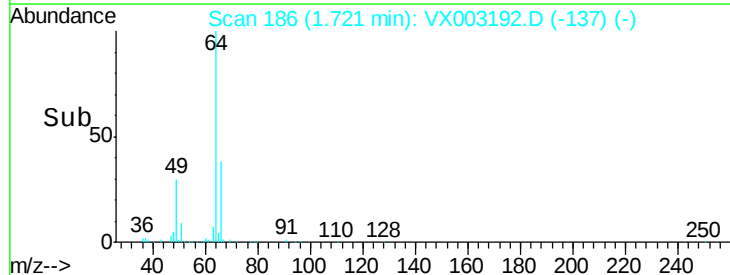
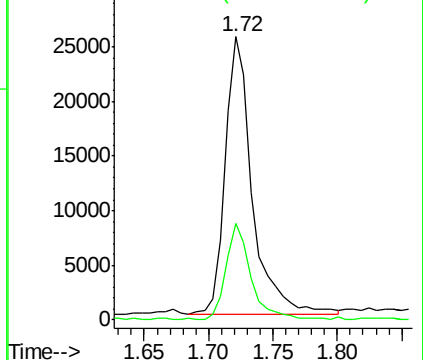
64 100

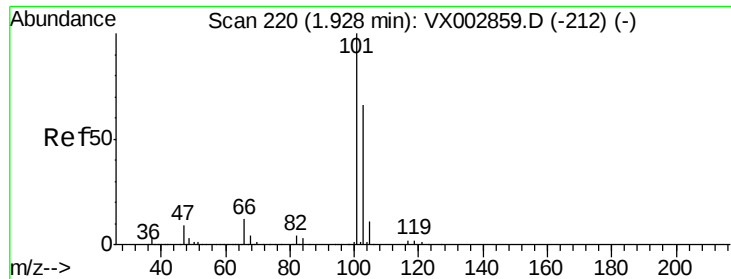
66 34.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



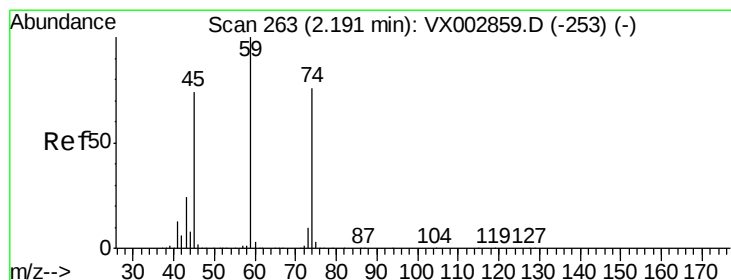
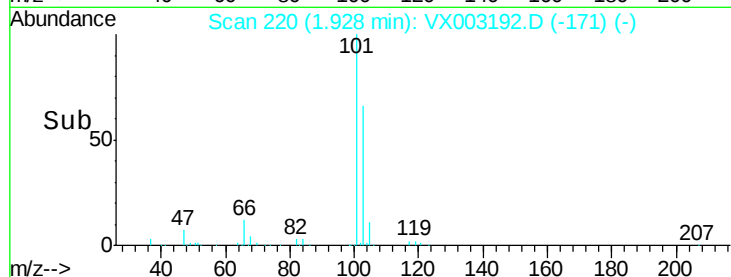
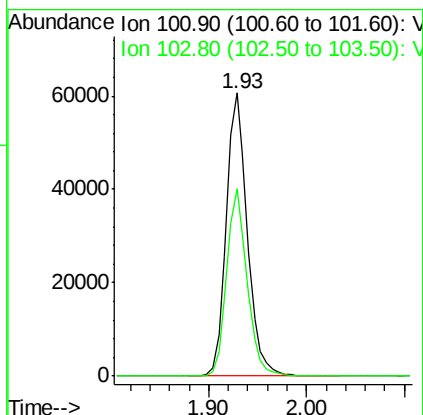
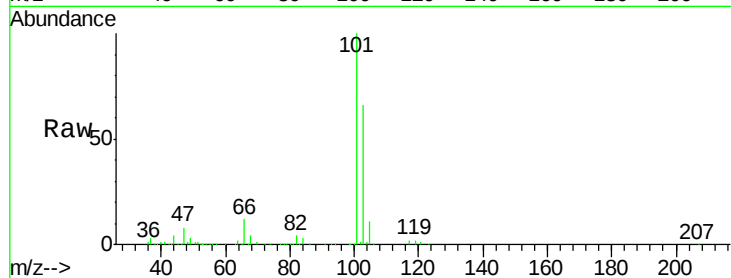


#7

Trichlorofluoromethane
 Concen: 17.48 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Instrument :
 MSVOA_X
 ClientSampleId :

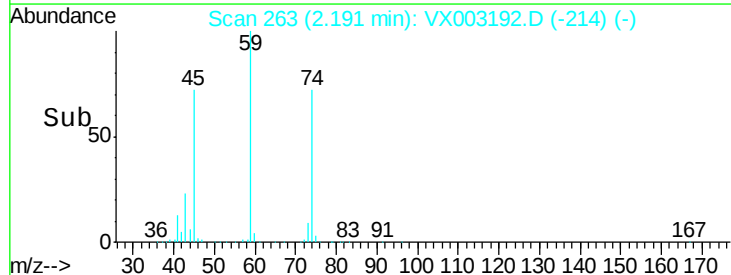
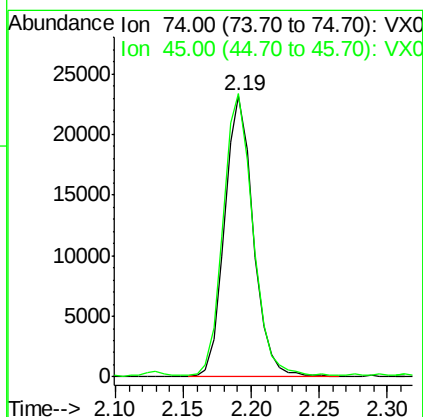
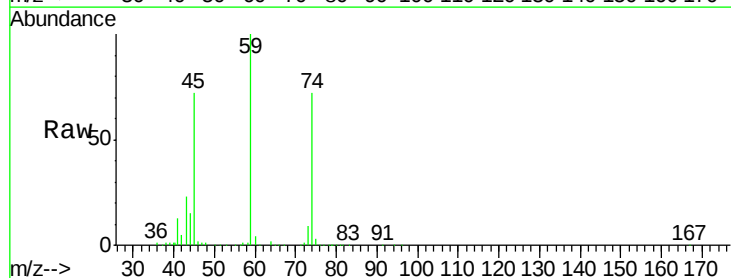
Tot Ion:101 Resp: 90442
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.8 79.2



#8

Diethyl Ether
 Concen: 18.08 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 74 Resp: 34004
 Ion Ratio Lower Upper
 74 100
 45 103.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.83 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

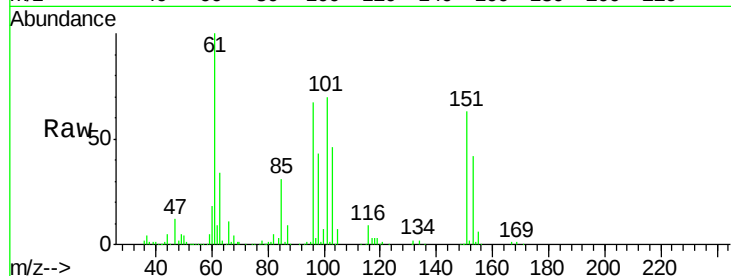
Tot Ion:101 Resp: 53433

Ion Ratio Lower Upper

101 100

85 42.5 36.0 54.0

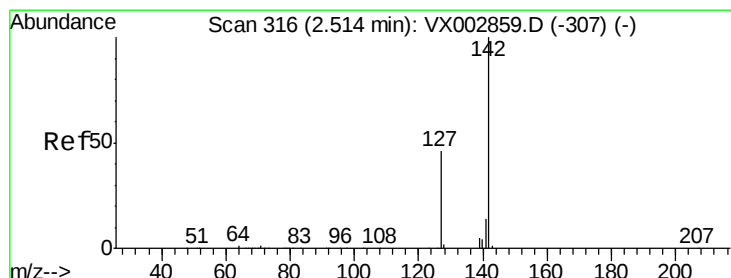
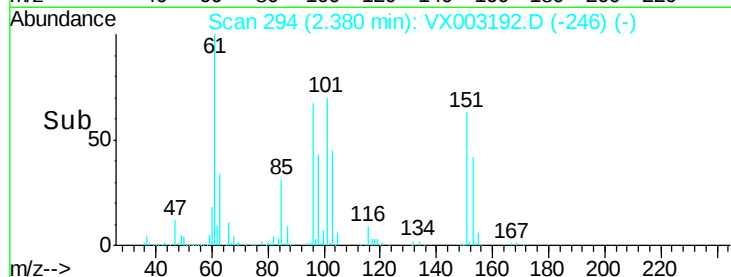
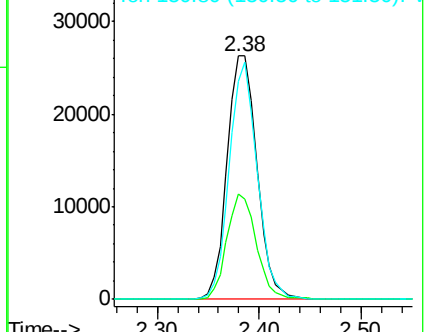
151 90.9 70.9 106.3



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: 20.04 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

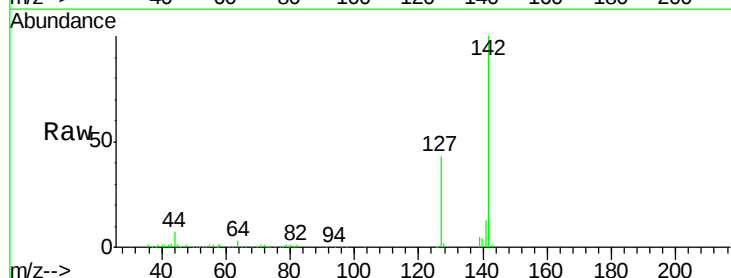
Tgt Ion:142 Resp: 47955

Ion Ratio Lower Upper

142 100

127 43.5 36.6 55.0

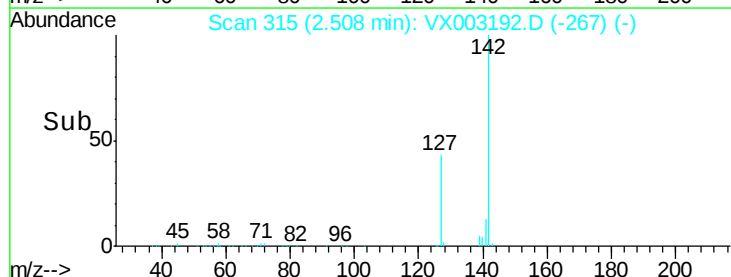
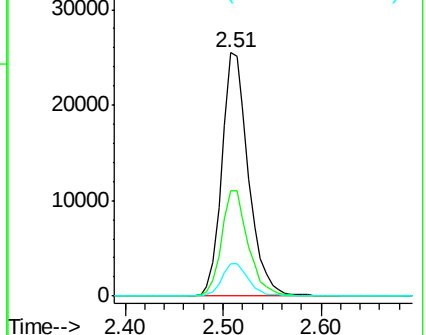
141 13.6 11.3 16.9

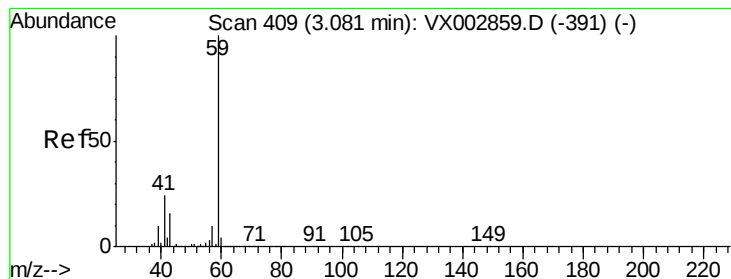


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.67 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

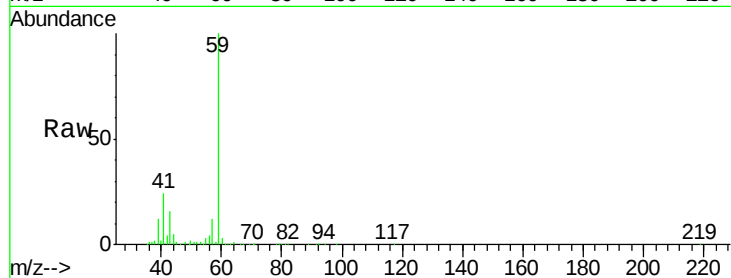
ClientSampleId :

Tot Ion: 59 Resp: 72175

Ion Ratio Lower Upper

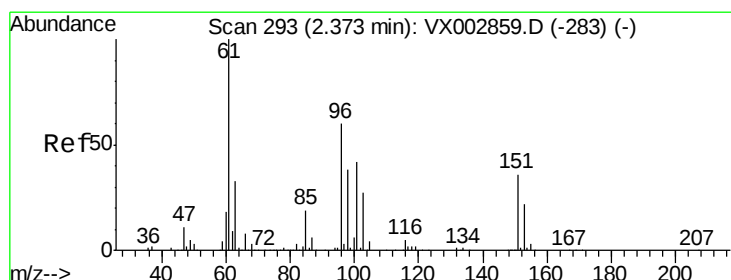
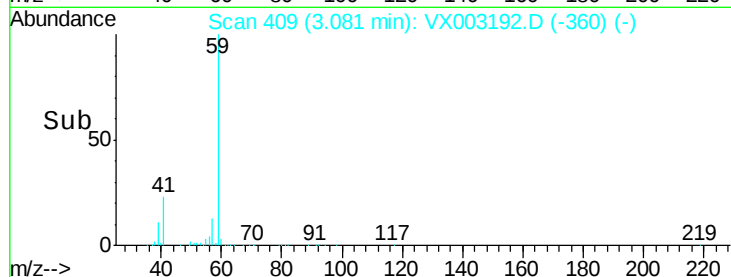
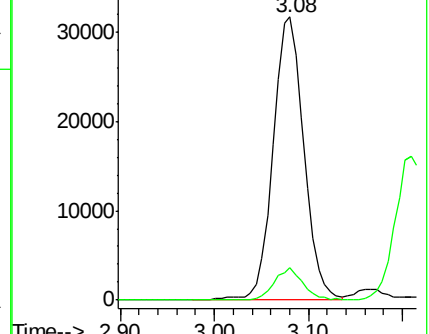
59 100

57 11.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.52 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

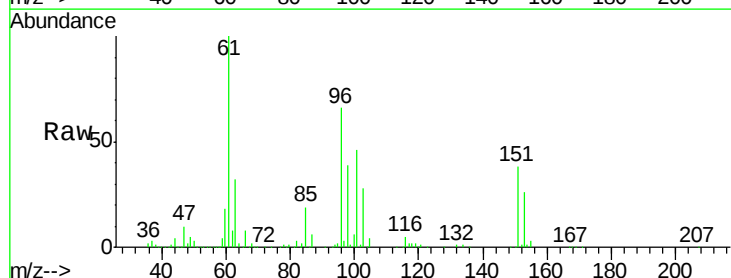
Tgt Ion: 96 Resp: 49533

Ion Ratio Lower Upper

96 100

61 152.0 137.9 206.9

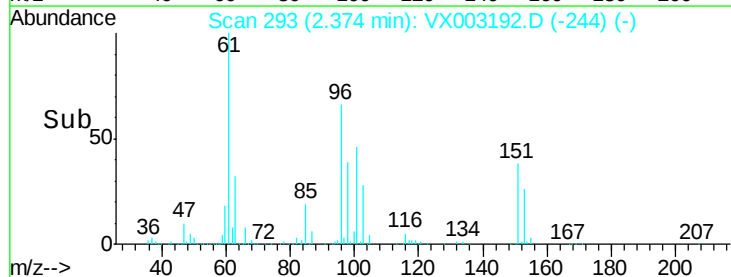
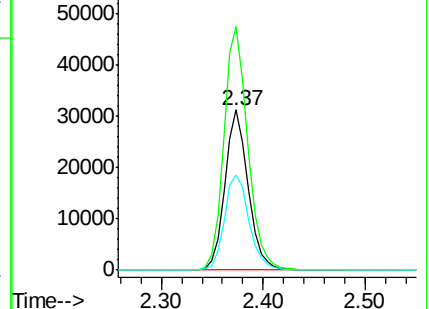
98 59.3 51.6 77.4

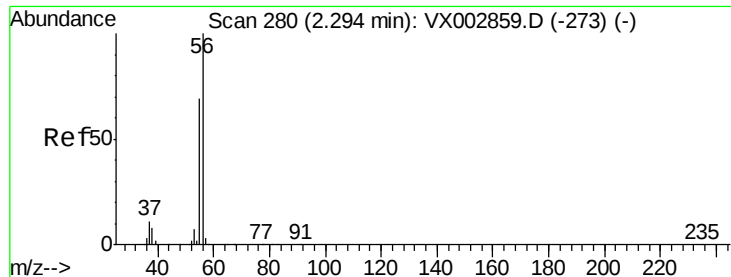


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 66.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

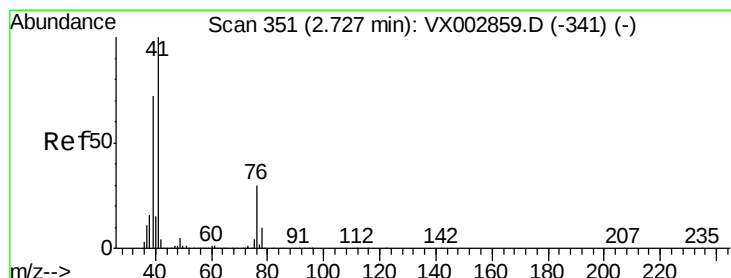
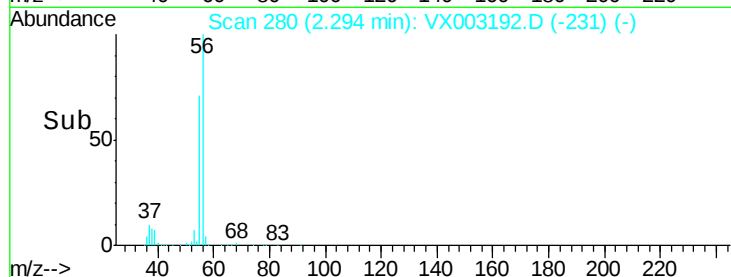
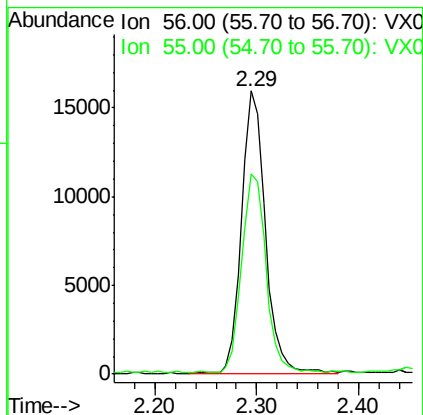
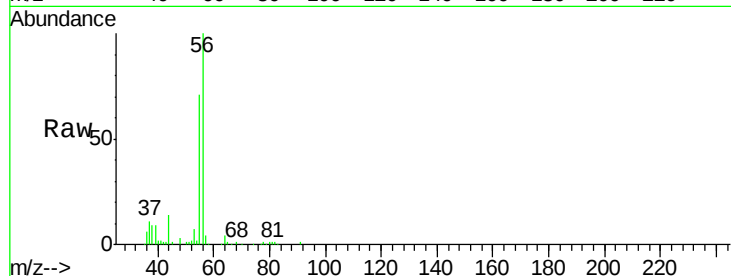
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 26080

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 17.21 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

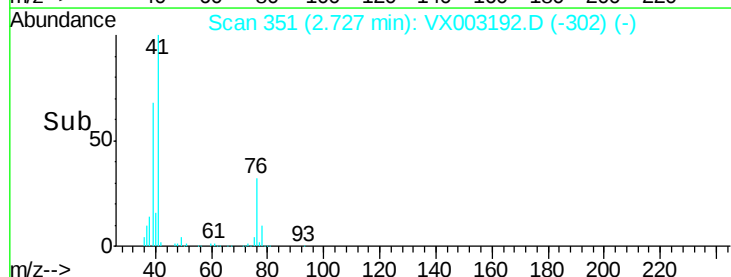
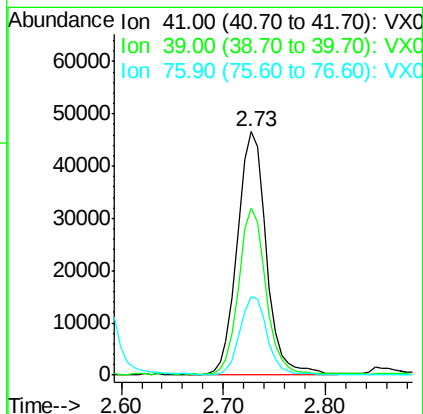
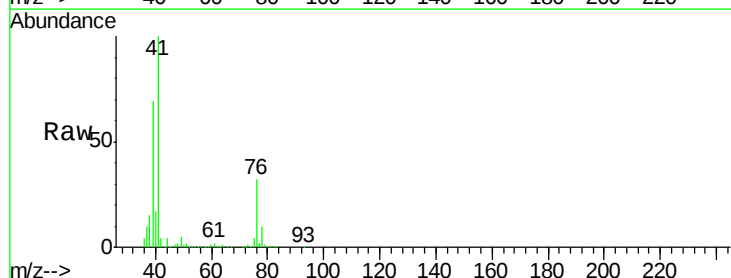
Tgt Ion: 41 Resp: 90735

Ion Ratio Lower Upper

41 100

39 64.1 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 94.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :
MSVOA_X
ClientSampled :

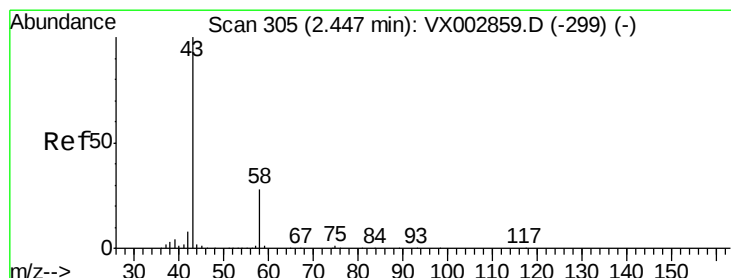
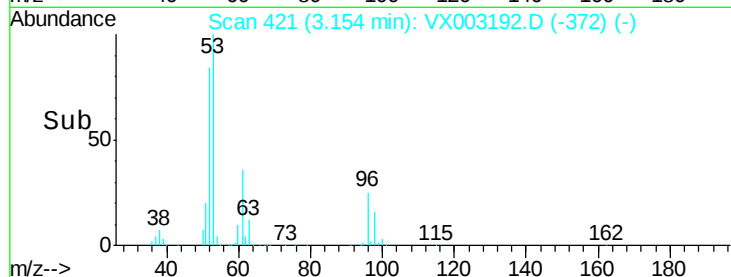
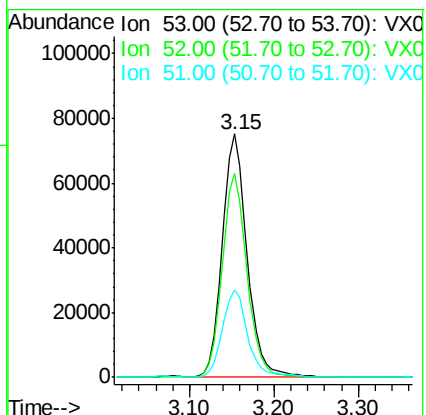
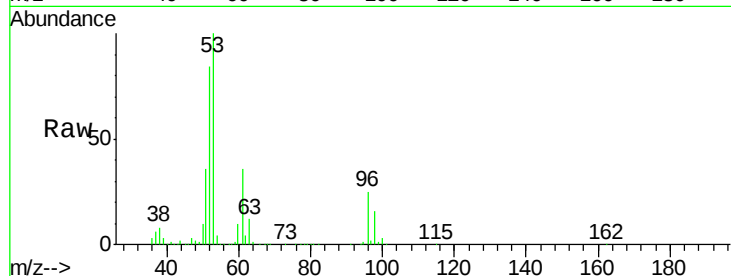
Tot Ion: 53 Resp: 150998

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 36.6 29.9 44.9



#16

Acetone

Concen: 91.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003192.D

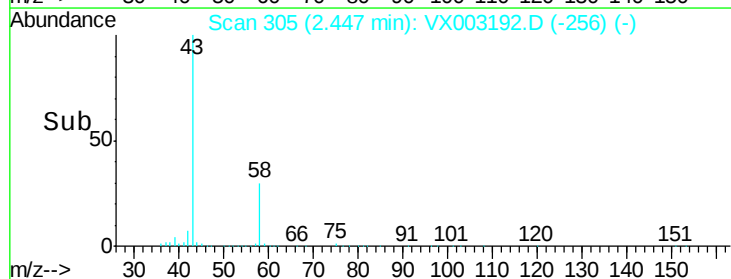
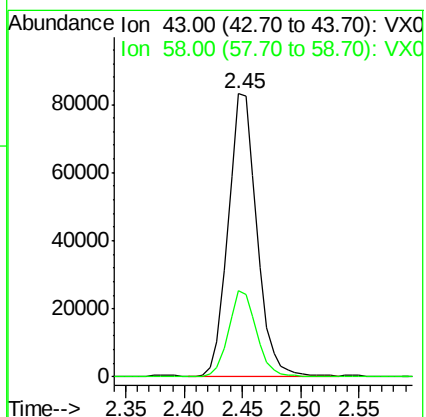
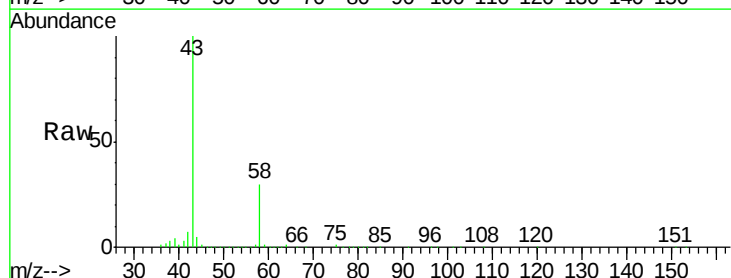
Acq: 06 Jul 2018 01:00

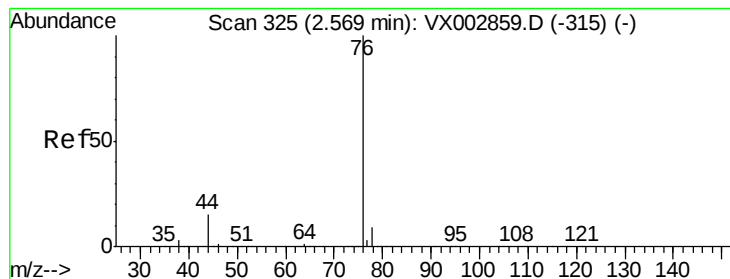
Tgt Ion: 43 Resp: 141487

Ion Ratio Lower Upper

43 100

58 30.3 22.1 33.1





#17

Carbon Disulfide

Concen: 17.70 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

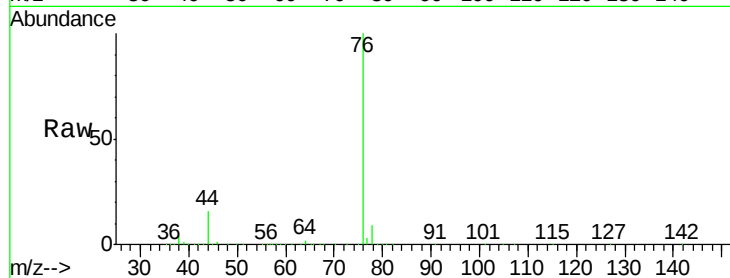
ClientSampleId :

Tot Ion: 76 Resp: 126110

Ion Ratio Lower Upper

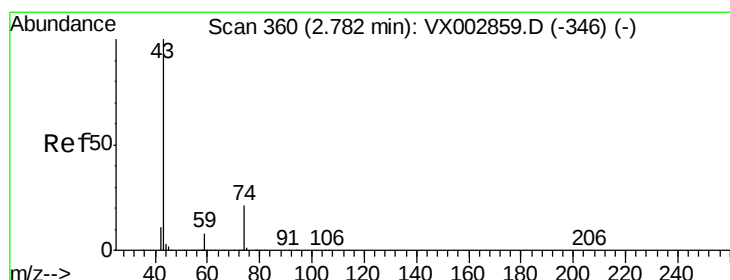
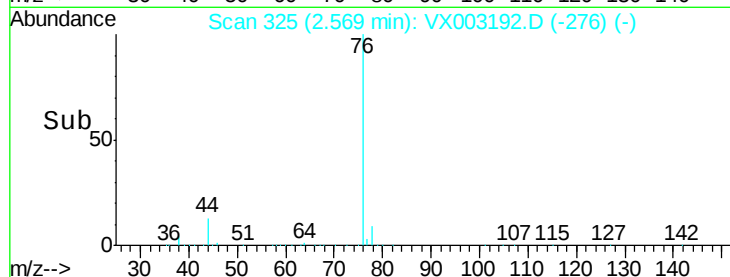
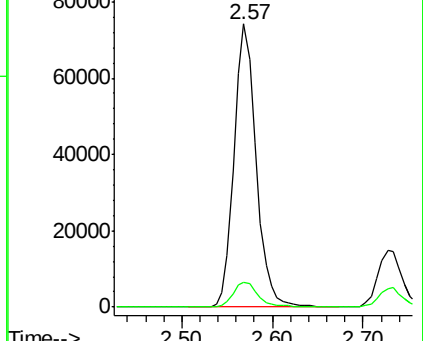
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.03 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003192.D

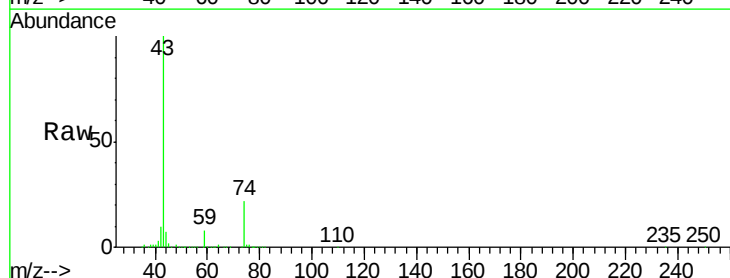
Acq: 06 Jul 2018 01:00

Tgt Ion: 43 Resp: 78235

Ion Ratio Lower Upper

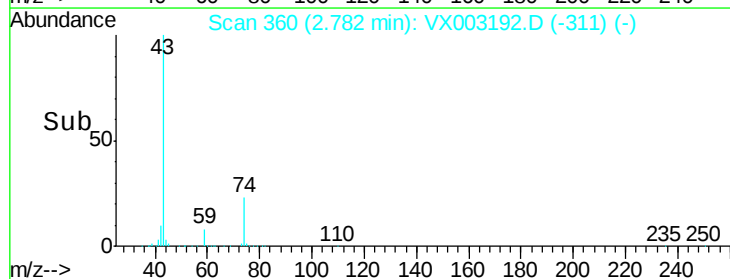
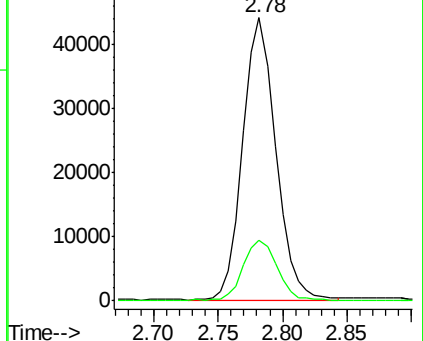
43 100

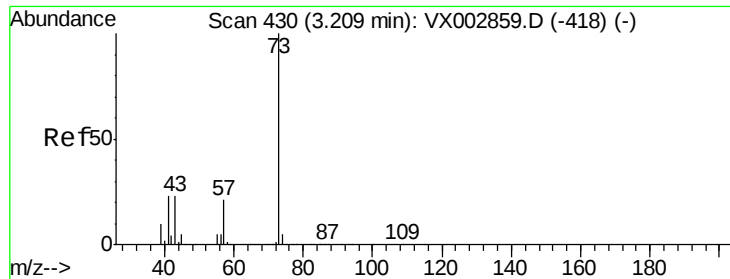
74 22.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

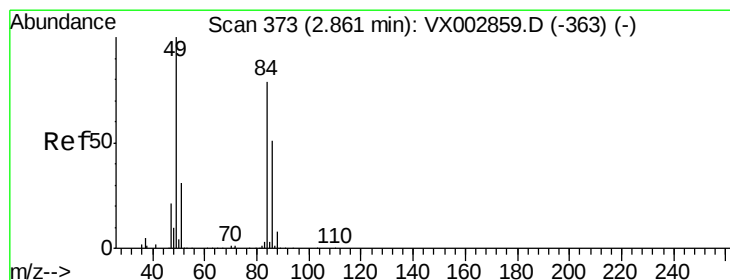
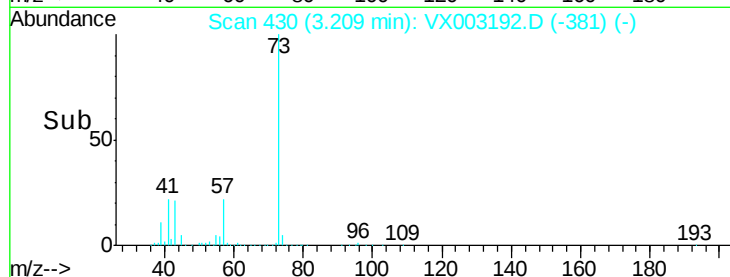
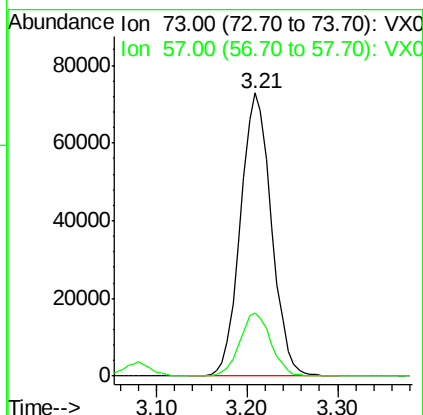
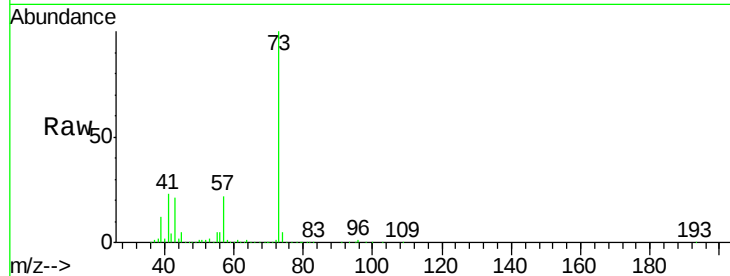




#19
Methvl tert-butvl Ether
Concen: 17.88 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

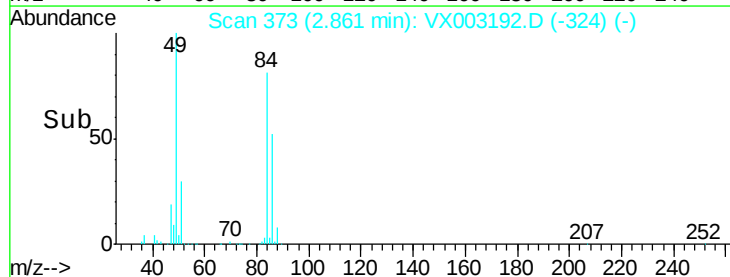
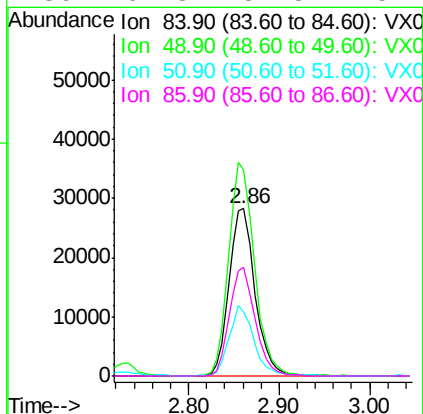
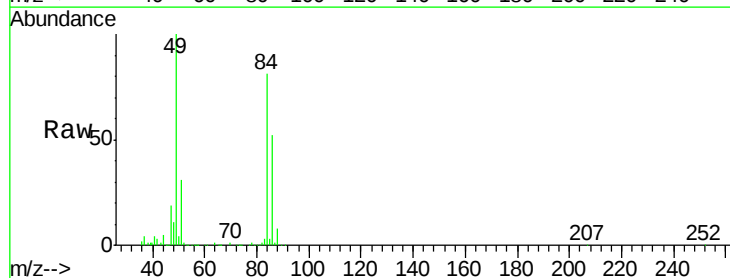
Instrument :
MSVOA_X
ClientSampleId :

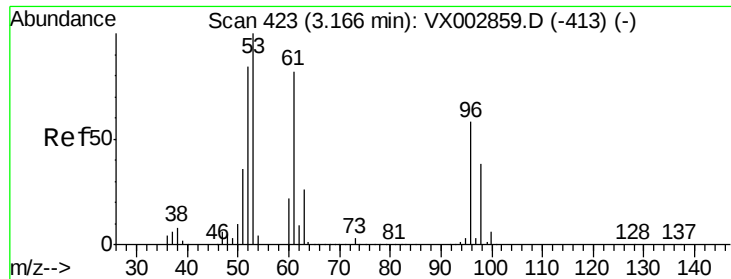
Tot Ion: 73 Resp: 171924
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 18.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 84 Resp: 56357
Ion Ratio Lower Upper
84 100
49 123.5 107.8 161.6
51 37.8 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

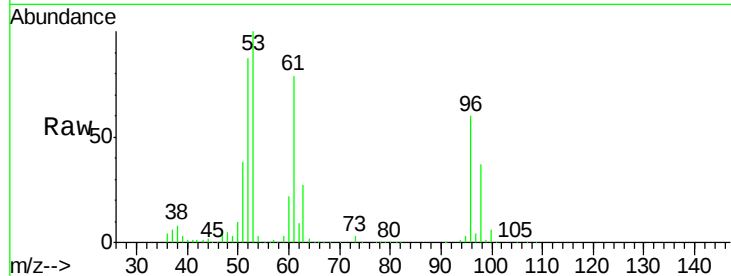
Tot Ion: 96 Resp: 52548

Ion Ratio Lower Upper

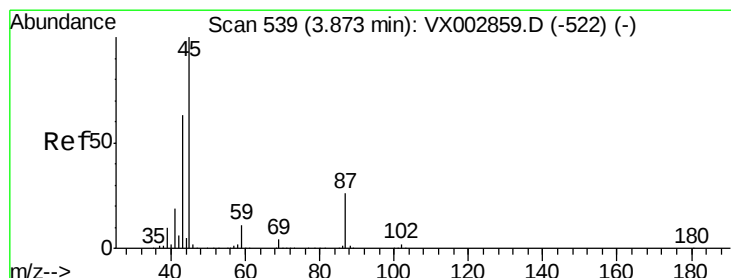
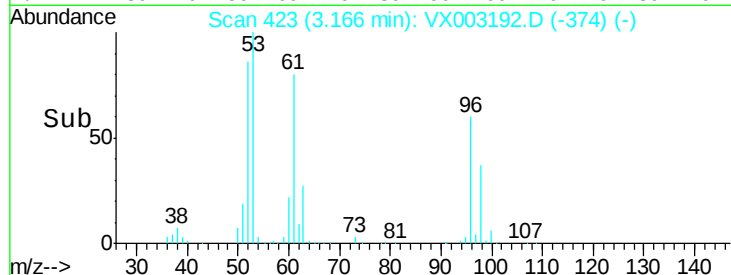
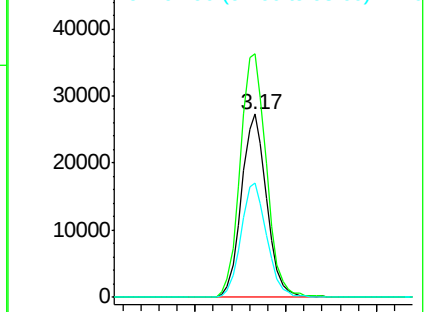
96 100

61 132.8 117.0 175.4

98 62.5 52.4 78.6



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: 18.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Tgt Ion: 45 Resp: 187045

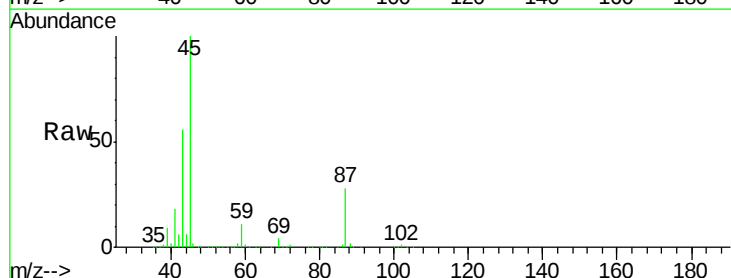
Ion Ratio Lower Upper

45 100

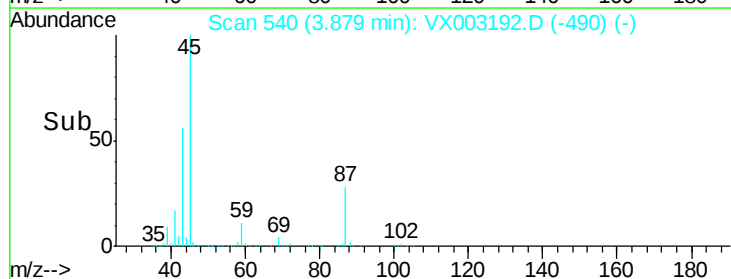
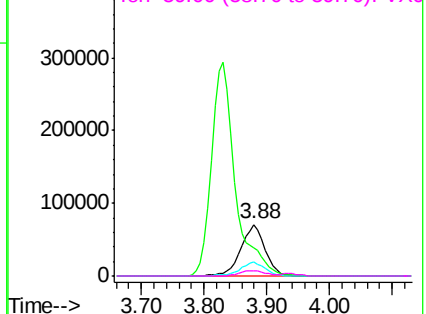
43 56.1 46.8 70.2

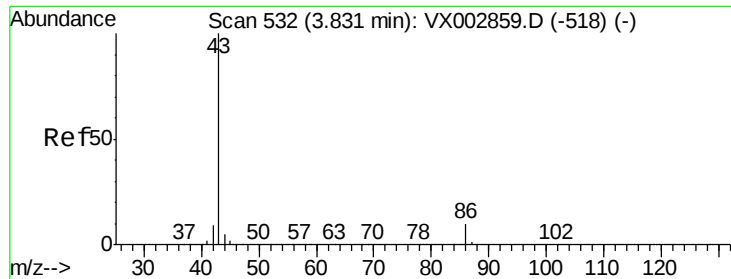
87 27.7 20.2 30.4

59 11.0 8.7 13.1



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: 90.21 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

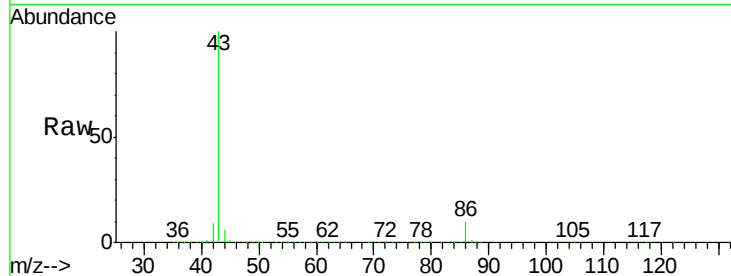
ClientSampleId :

Tot Ion: 43 Resp: 769764

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

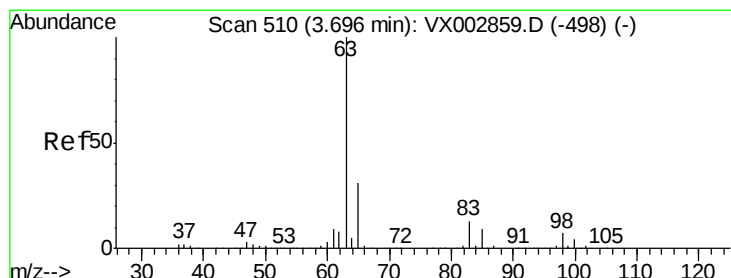
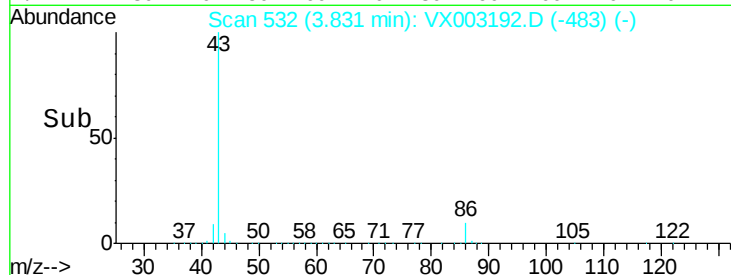
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.17 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

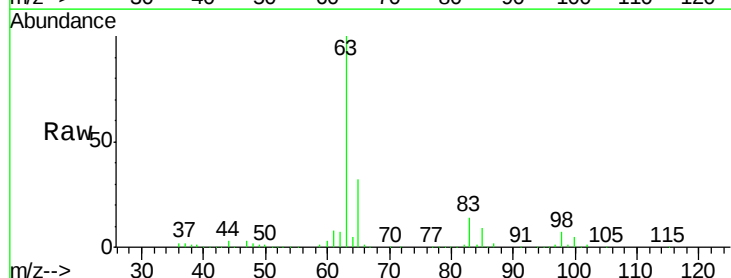
Tgt Ion: 63 Resp: 99495

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

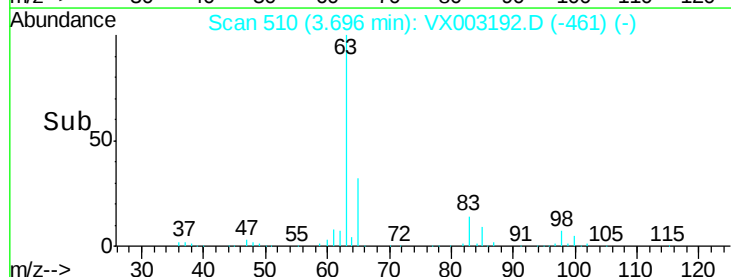
30000

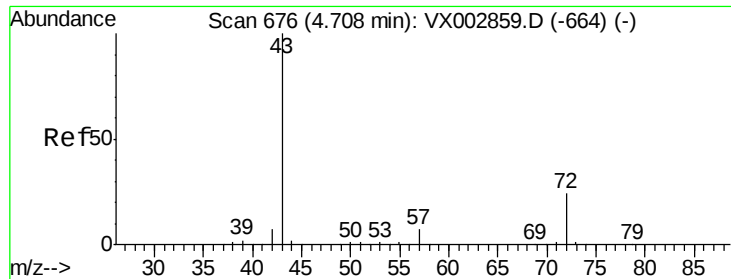
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.10 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

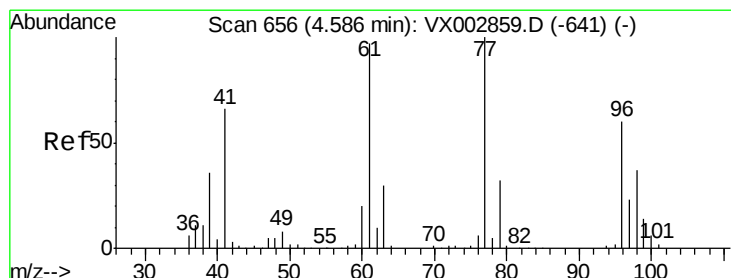
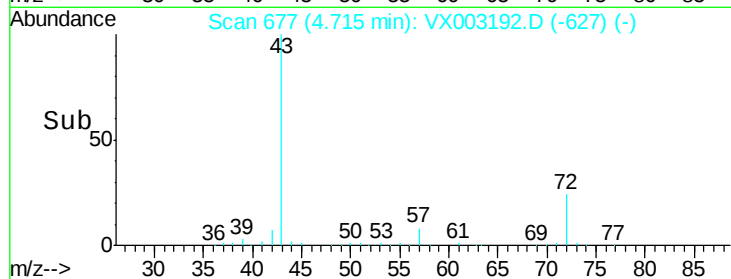
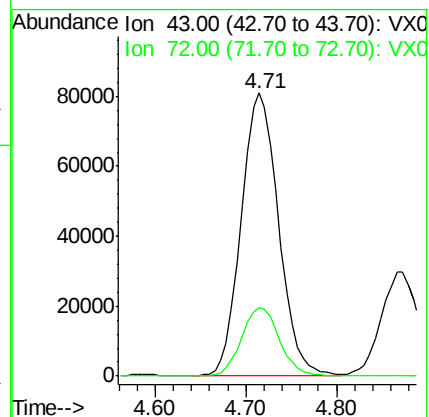
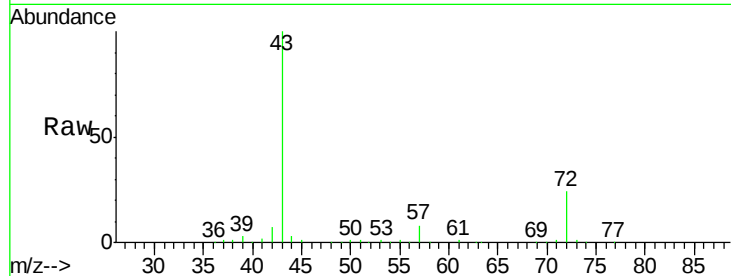
ClientSampled :

Tot Ion: 43 Resp: 230580

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 10.52 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003192.D

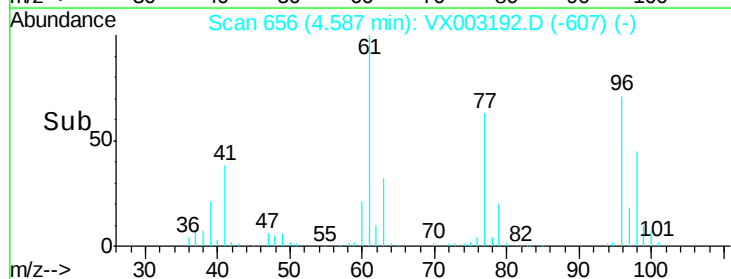
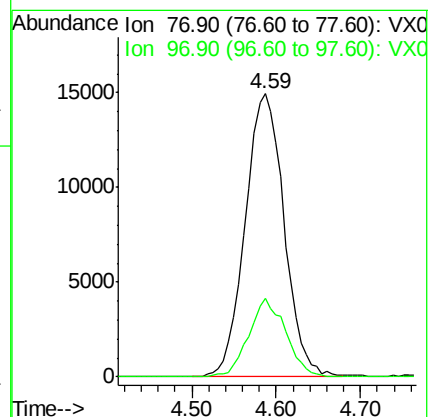
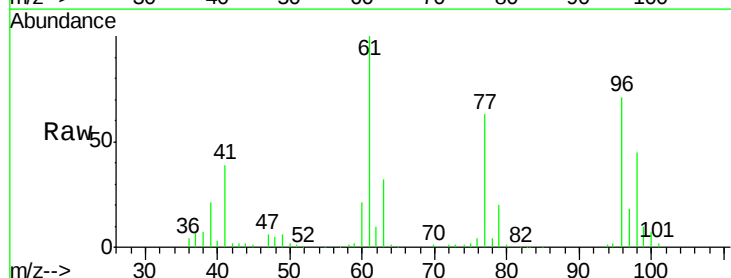
Acq: 06 Jul 2018 01:00

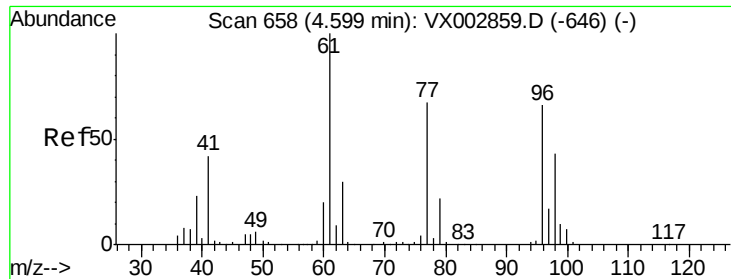
Tgt Ion: 77 Resp: 46839

Ion Ratio Lower Upper

77 100

97 26.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

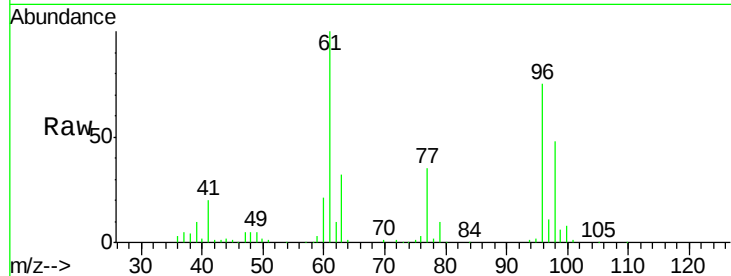
Tot Ion: 96 Resp: 62824

Ion Ratio Lower Upper

96 100

61 155.4 0.0 330.2

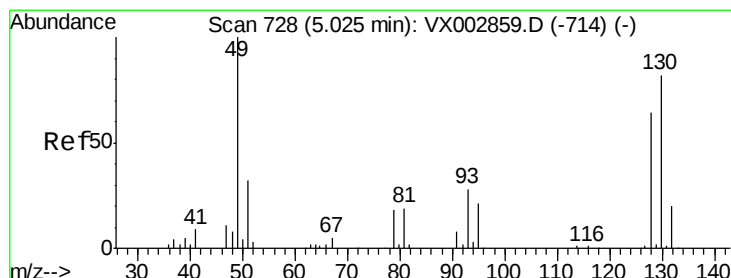
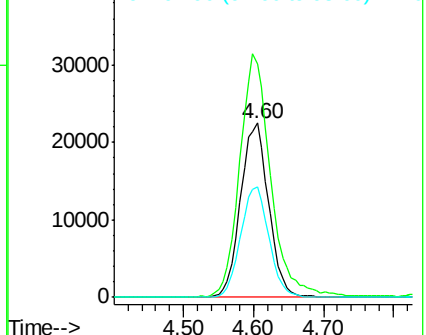
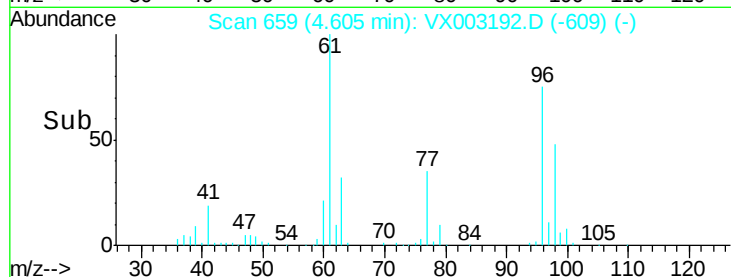
98 63.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.80 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

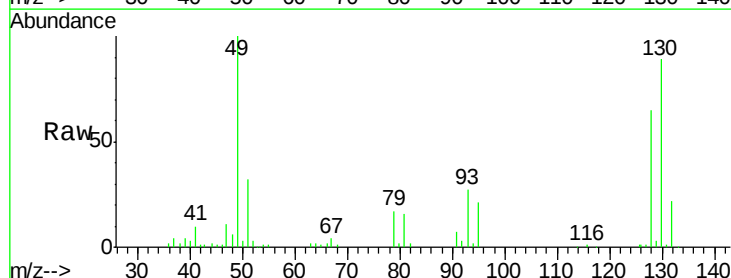
Tgt Ion: 49 Resp: 49275

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

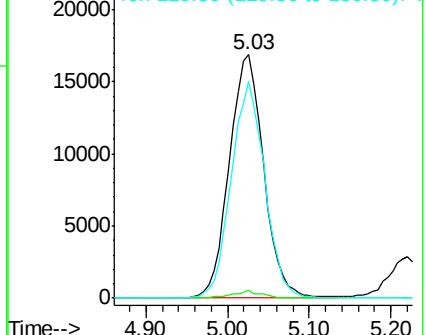
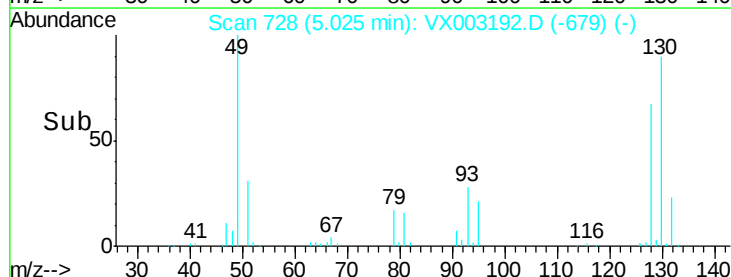
130 86.5 61.2 91.8

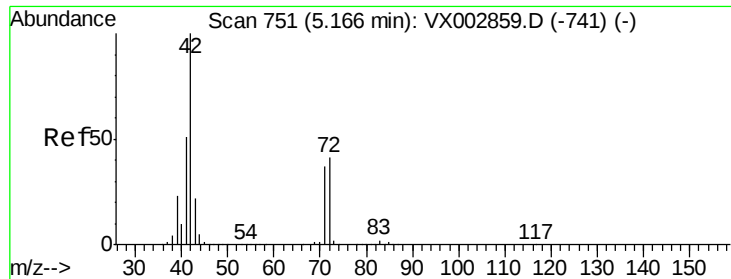


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

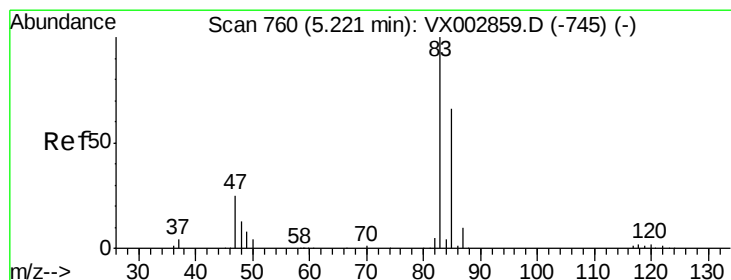
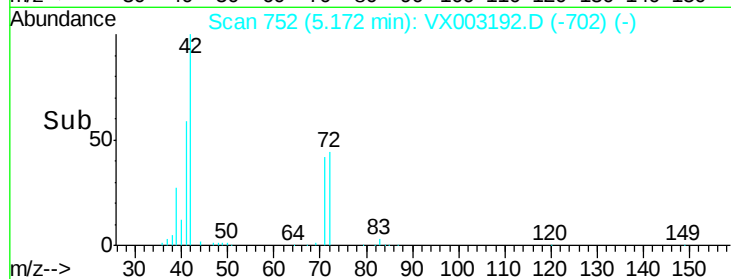
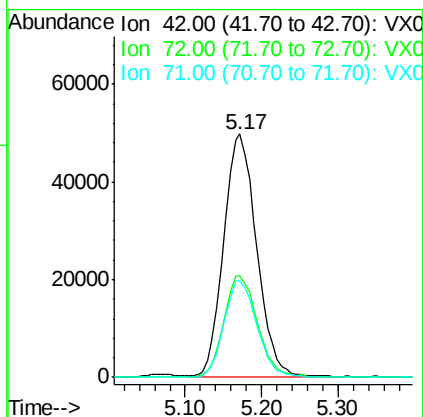
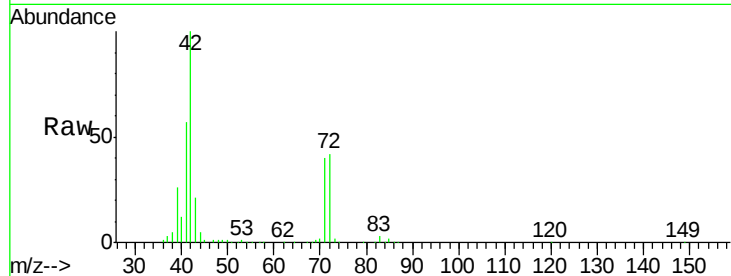




#29
Tetrahydrofuran
Concen: 100.10 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

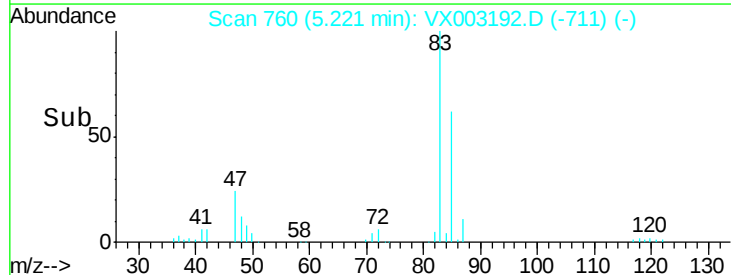
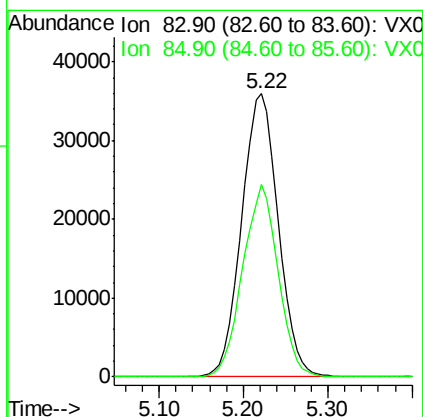
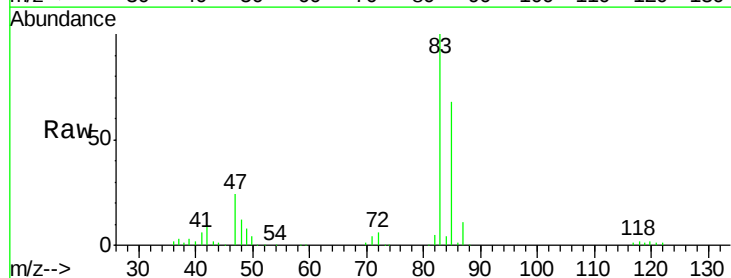
Instrument :
MSVOA_X
ClientSampleId :

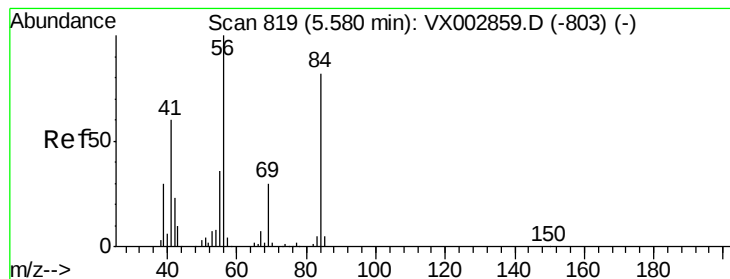
Tot Ion: 42 Resp: 147864
Ion Ratio Lower Upper
42 100
72 43.0 32.0 48.0
71 40.1 30.1 45.1



#30
Chloroform
Concen: 18.83 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 83 Resp: 105844
Ion Ratio Lower Upper
83 100
85 68.0 50.4 75.6





#31

Cyclohexane

Concen: 18.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :
MSVOA_X
ClientSampled :

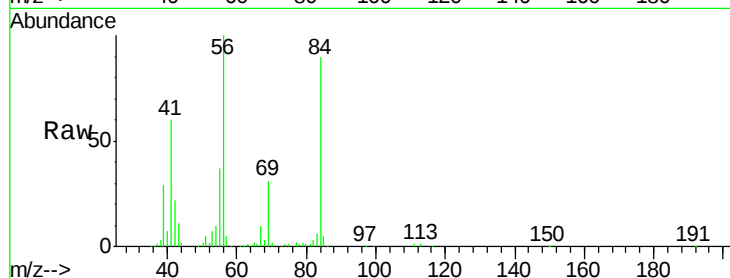
Tot Ion: 56 Resp: 87129

Ion Ratio Lower Upper

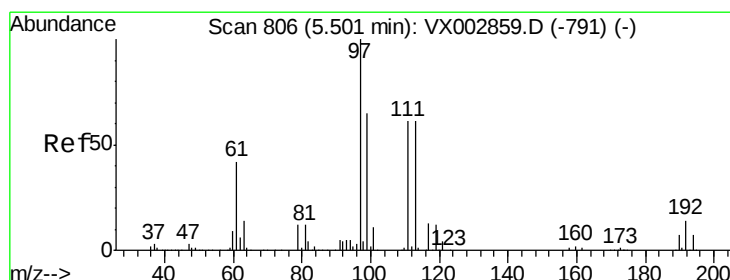
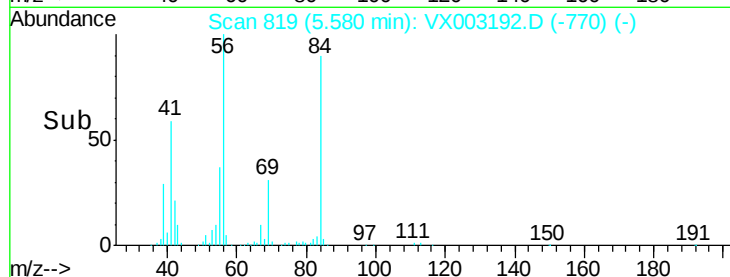
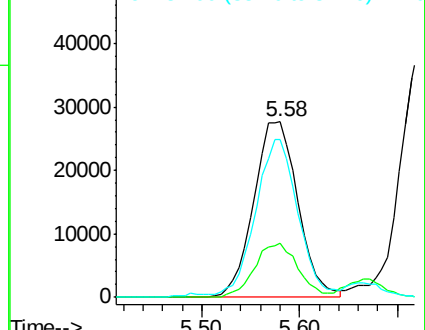
56 100

69 30.6 23.7 35.5

84 87.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 18.79 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

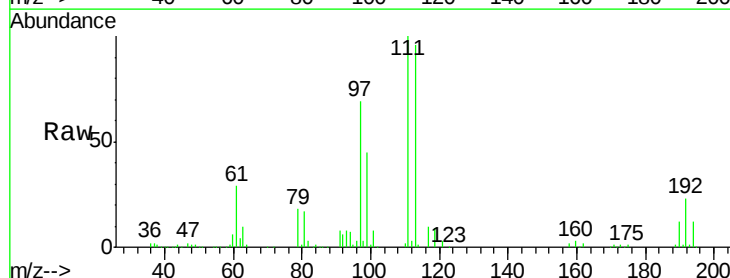
Tgt Ion: 97 Resp: 92910

Ion Ratio Lower Upper

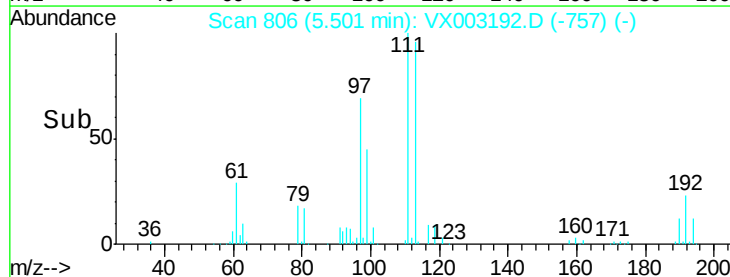
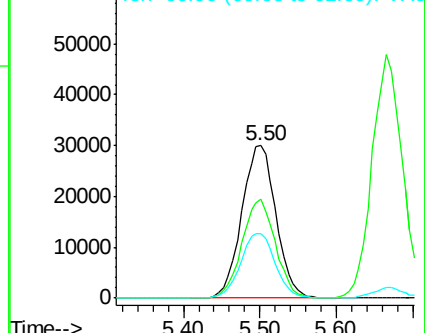
97 100

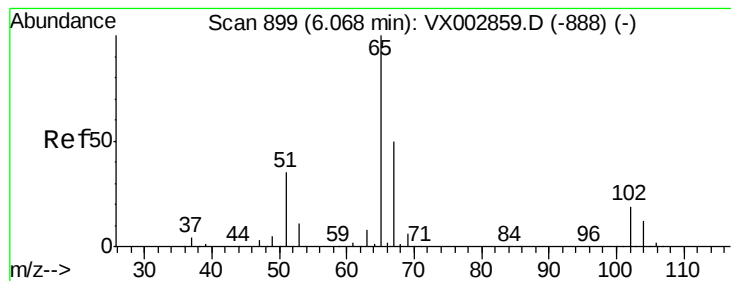
99 63.4 51.6 77.4

61 43.1 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 39.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

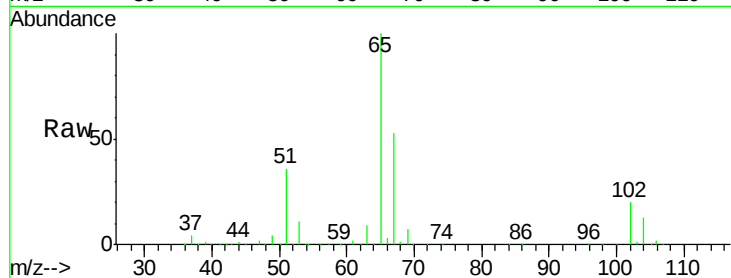
ClientSampleId :

Tot Ion: 65 Resp: 149030

Ion Ratio Lower Upper

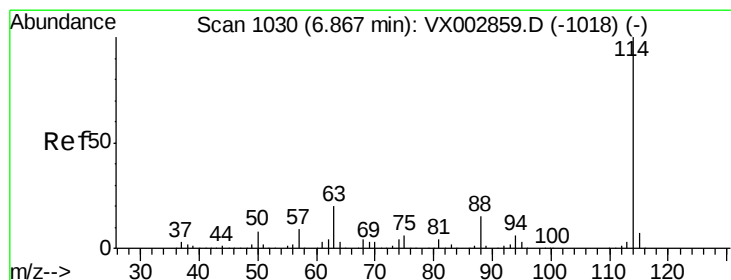
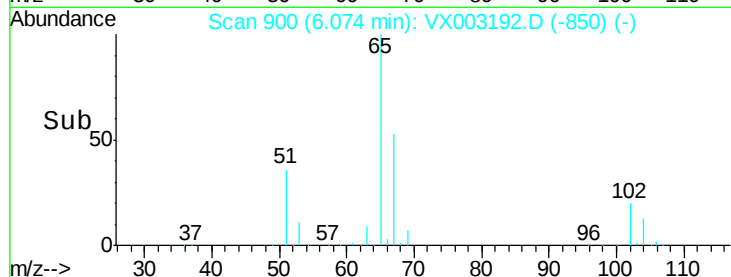
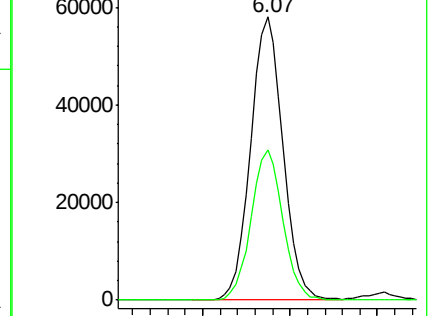
65 100

67 52.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

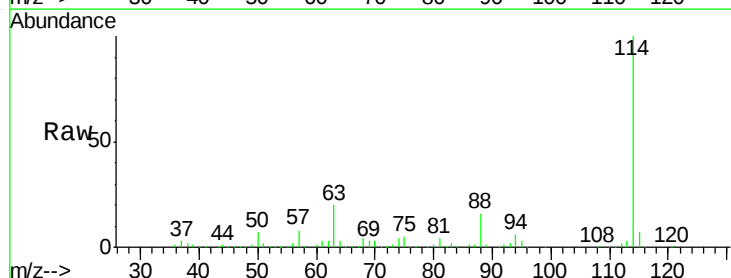
Tgt Ion: 114 Resp: 376341

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

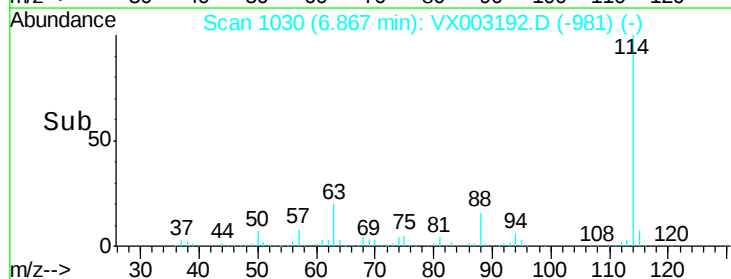
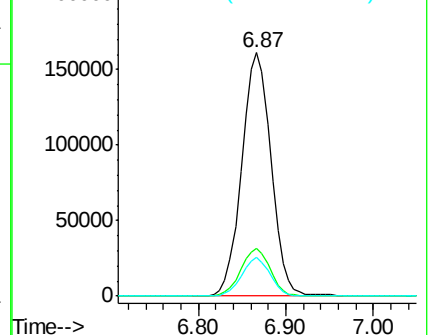
88 15.7 0.0 30.0

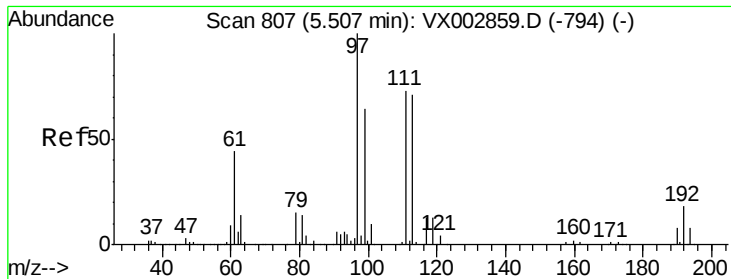


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

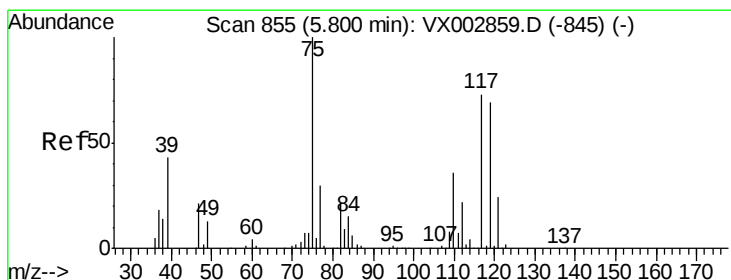
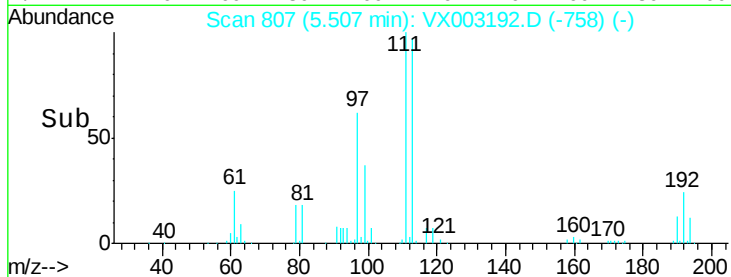
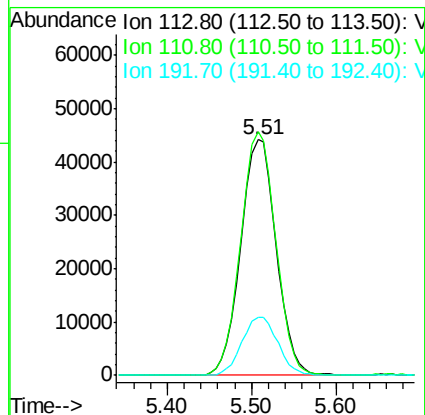
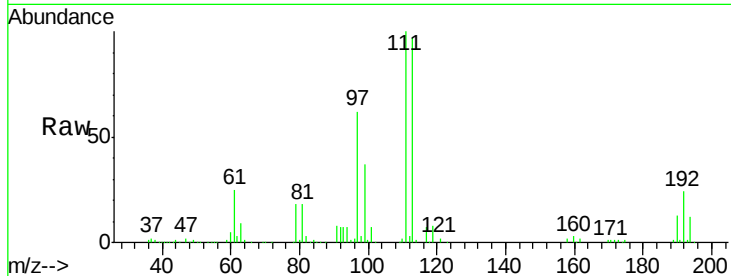




#35
 Dibromofluoromethane
 Concen: 42.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

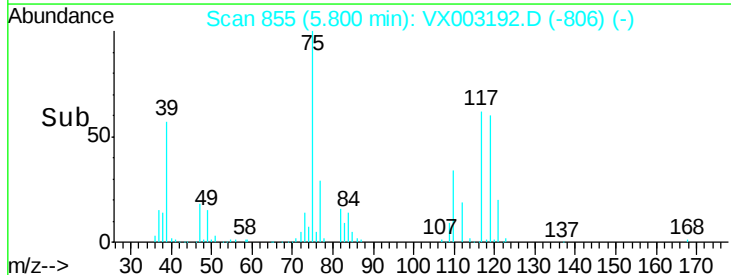
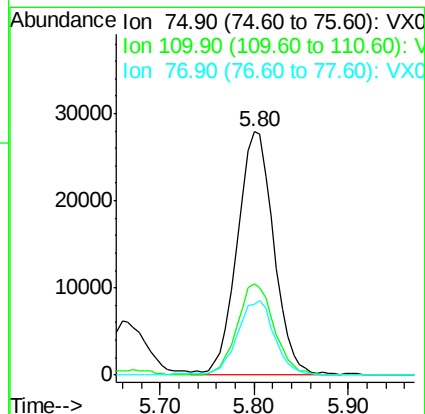
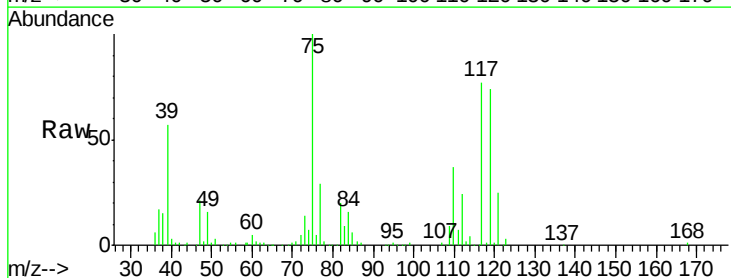
Instrument :
 MSVOA_X
 ClientSampled :

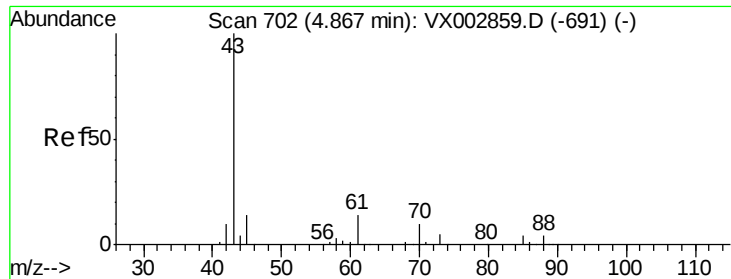
Tot Ion:113 Resp: 125920
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 25.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.27 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 75 Resp: 75414
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.1 54.4
 77 31.2 24.3 36.5

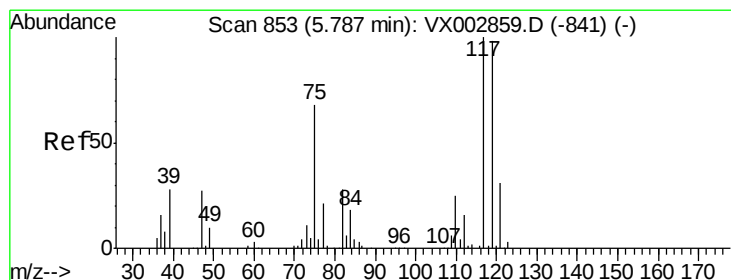
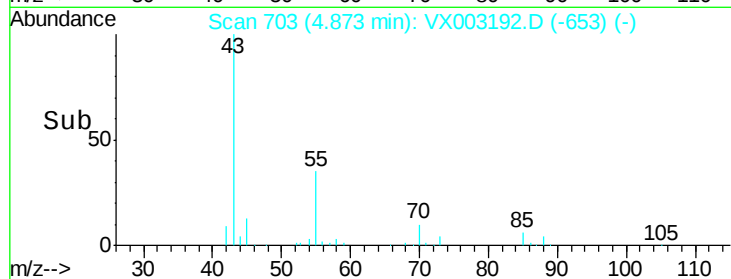
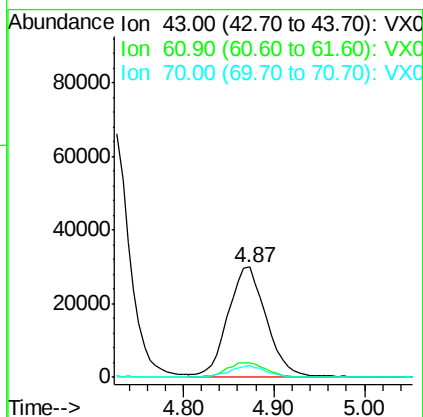
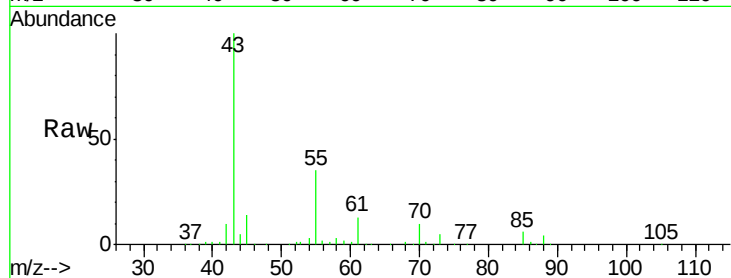




#37
Ethyl Acetate
Concen: 19.50 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

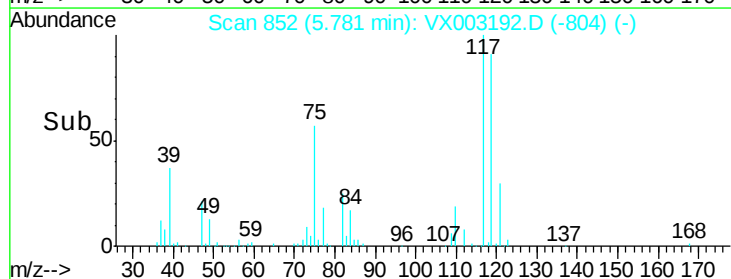
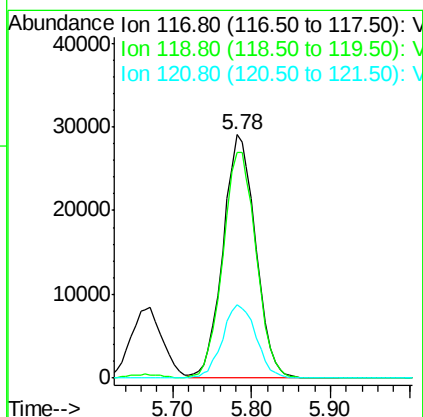
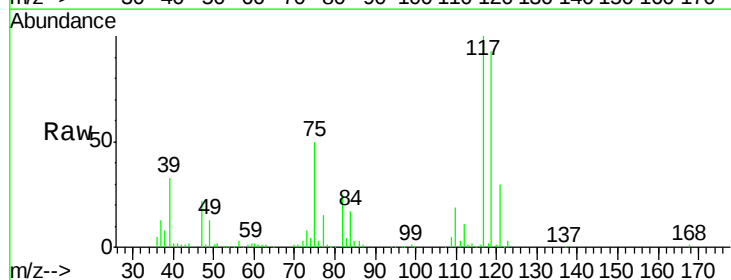
Instrument :
MSVOA_X
ClientSampled :

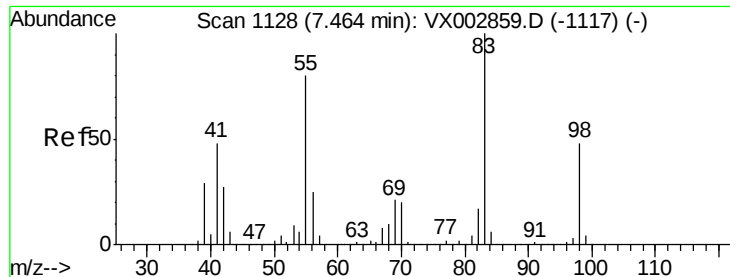
Tot Ion: 43 Resp: 86644
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.43 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 117 Resp: 83485
Ion Ratio Lower Upper
117 100
119 92.5 77.4 116.0
121 30.0 24.4 36.6

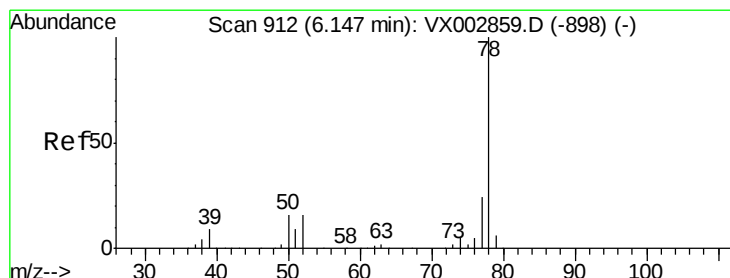
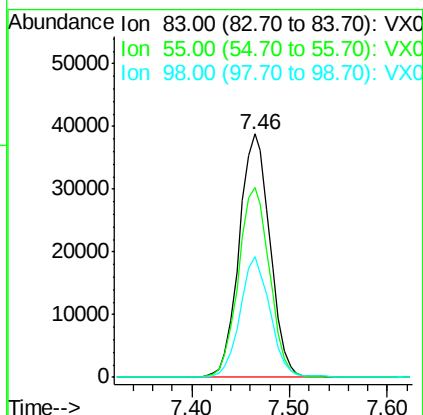
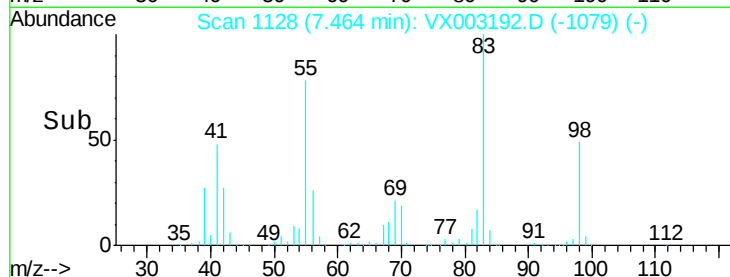
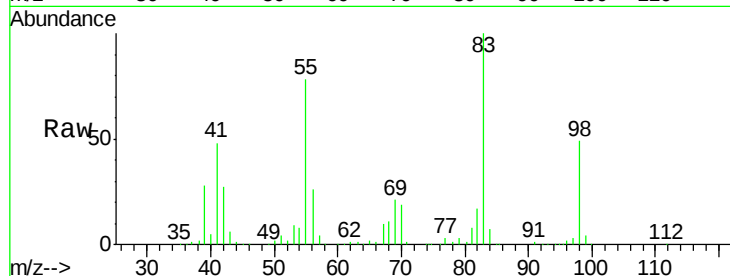




#39
Methvlcvclohexane
Concen: 17.67 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

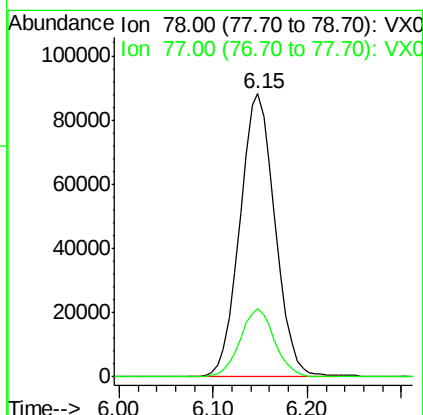
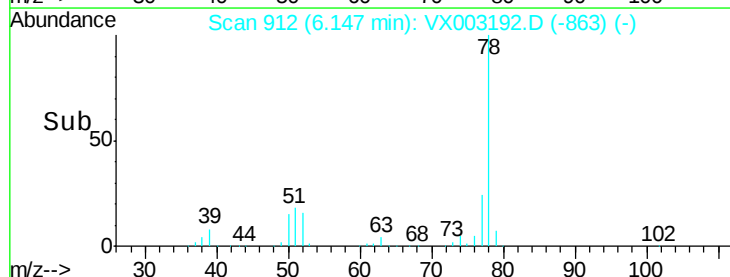
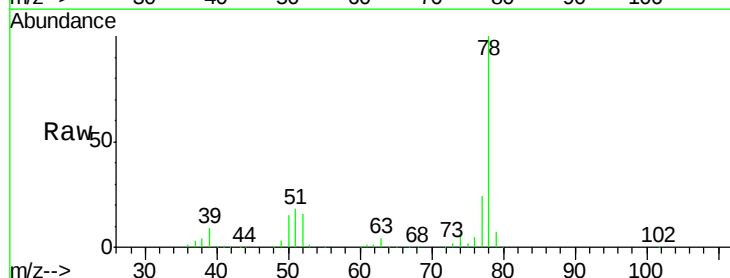
Instrument :
MSVOA_X
ClientSampleId :

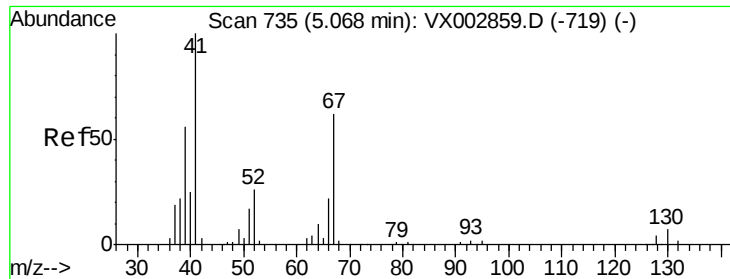
Tot Ion: 83 Resp: 84940
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 49.5 37.4 56.0



#40
Benzene
Concen: 19.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 78 Resp: 230353
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

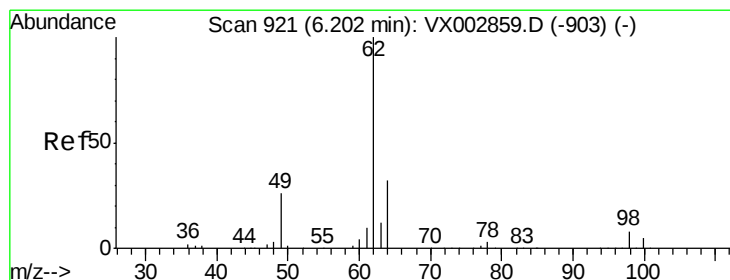
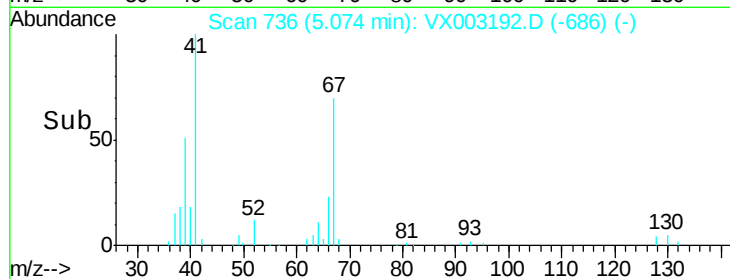
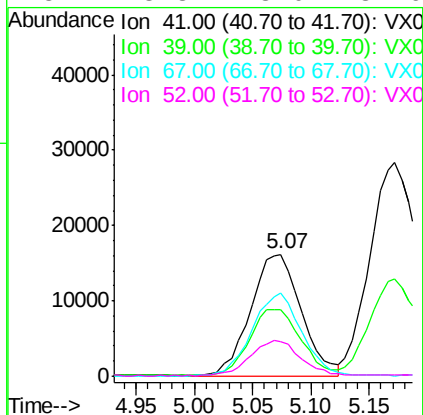
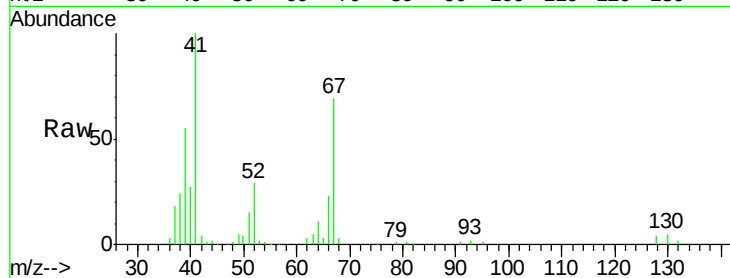




#41
Methacrylonitrile
Concen: 18.97 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

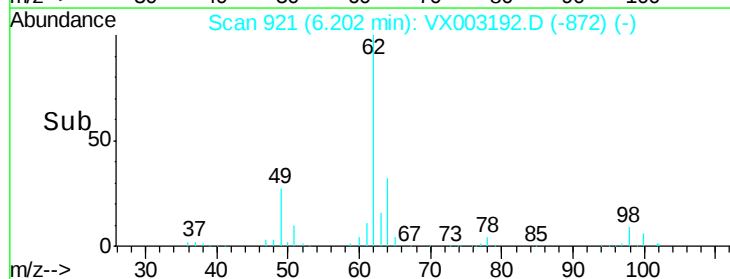
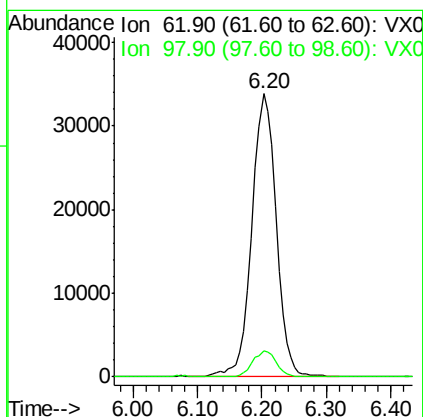
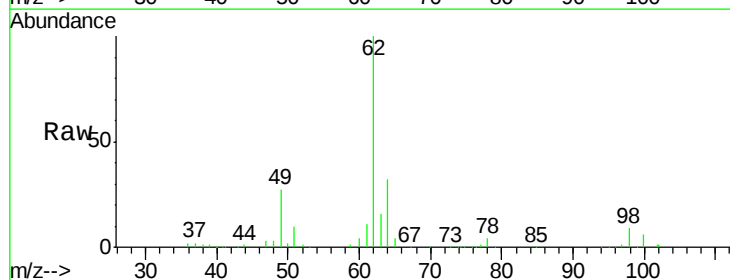
Instrument :
MSVOA_X
ClientSampled :

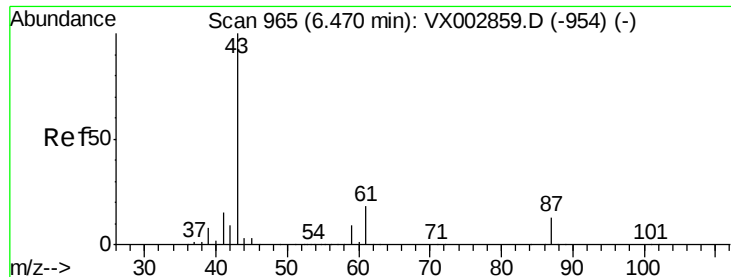
Tot Ion:	41	Resp:	48550
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.8	68.6
67	68.1	51.3	76.9
52	28.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.12 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion:	62	Resp:	87754
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6



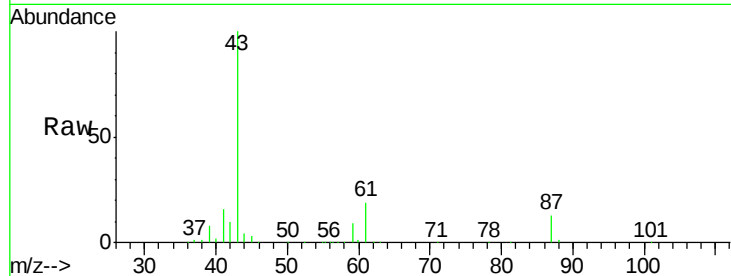


#43

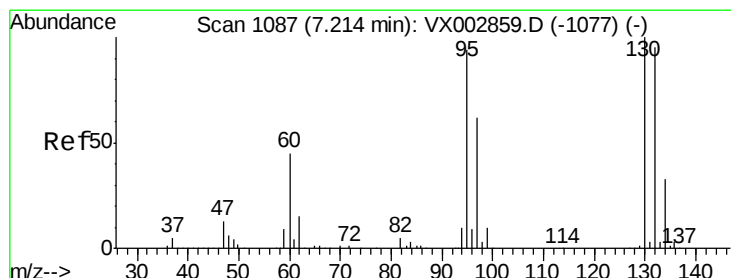
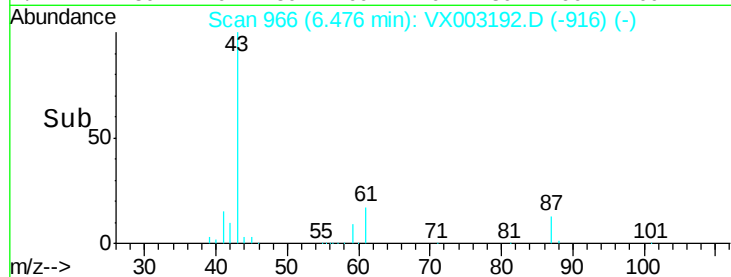
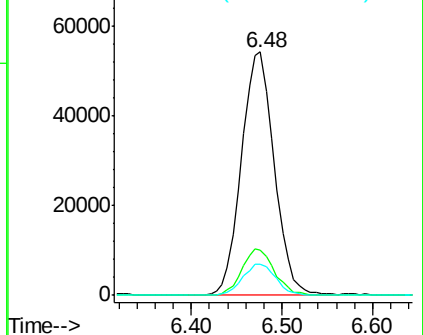
Isopropyl Acetate
 Concen: 18.16 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	135333
Ion Ratio	Lower	Upper	
43	100		
61	19.0	14.4	21.6
87	13.0	9.5	14.3



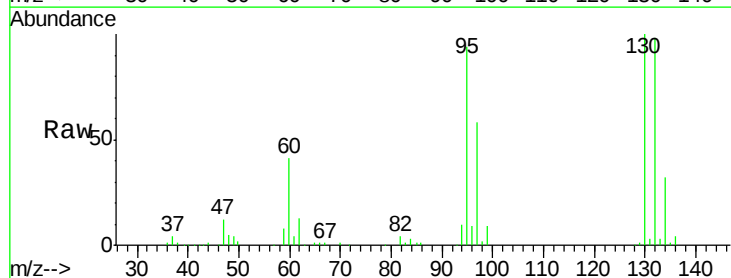
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



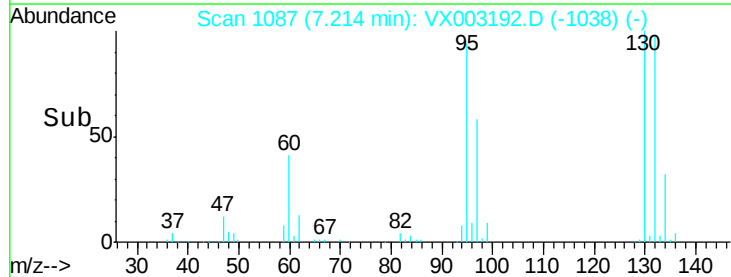
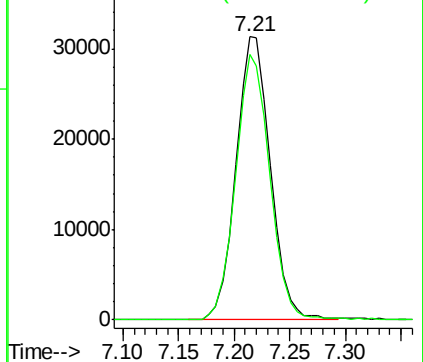
#44

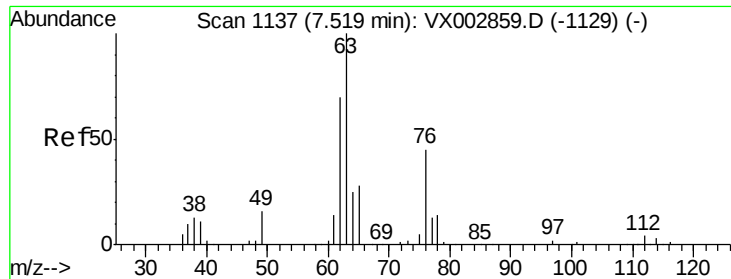
Trichloroethene
 Concen: 18.78 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion	130	Resp	67134
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	185.4



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

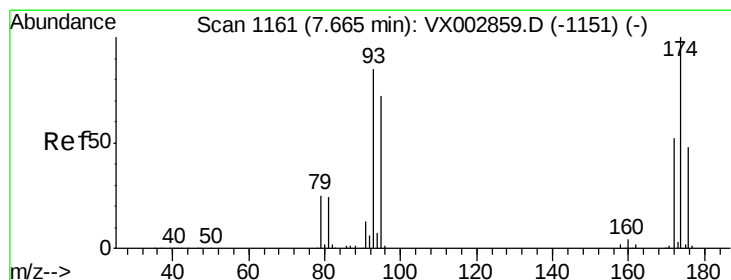
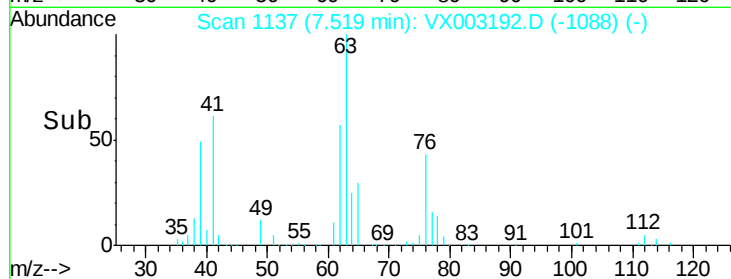
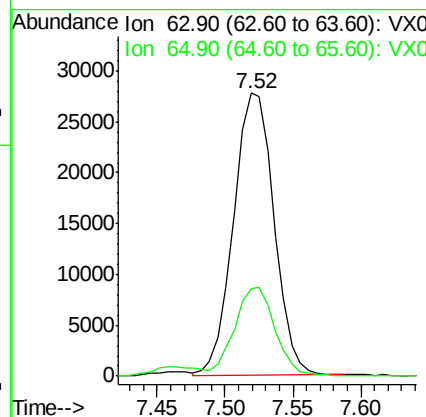
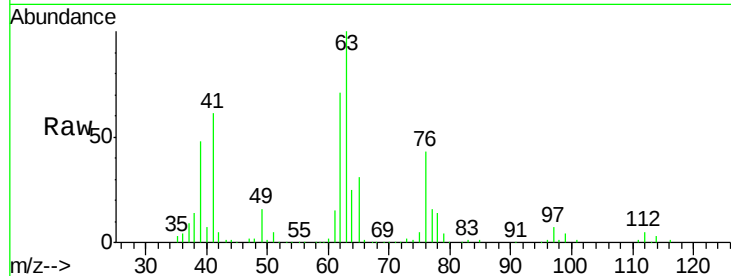




#45
 1,2-Dichloropropane
 Concen: 18.17 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

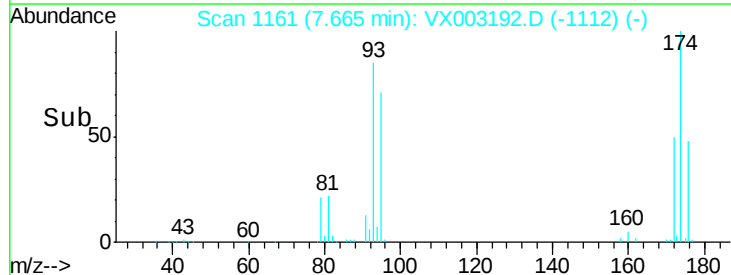
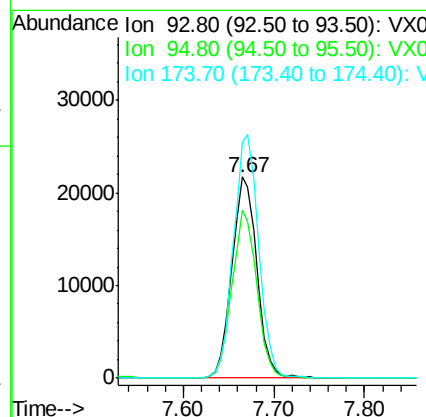
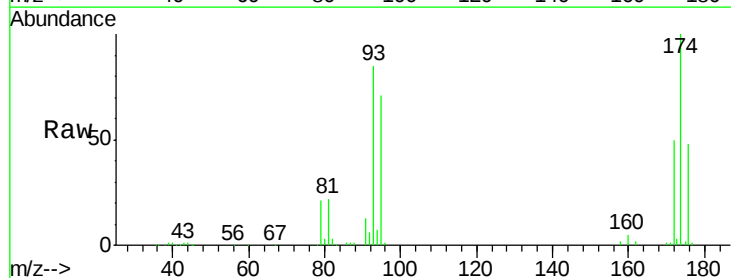
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 57786
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 18.86 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 93 Resp: 41627
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 122.3 92.4 138.6





#47

Bromodichloromethane

Concen: 18.59 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :
MSVOA_X
ClientSampleId :

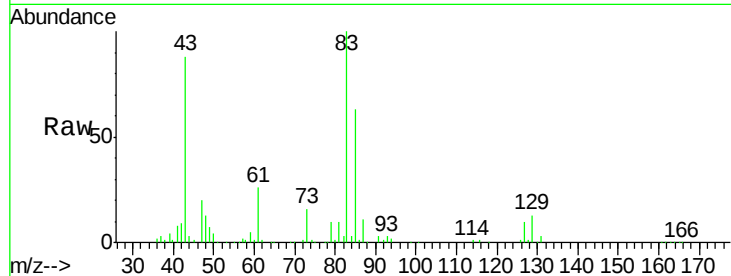
Tot Ion: 83 Resp: 75884

Ion Ratio Lower Upper

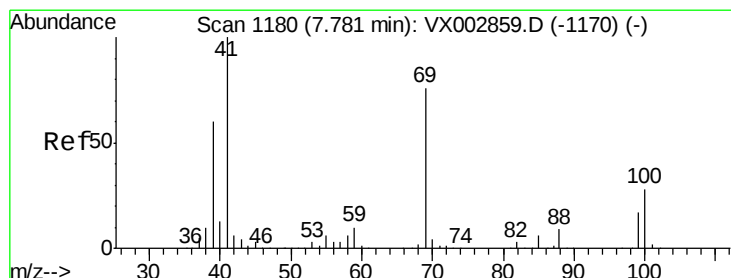
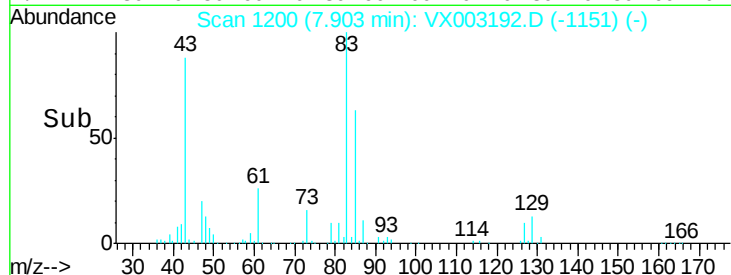
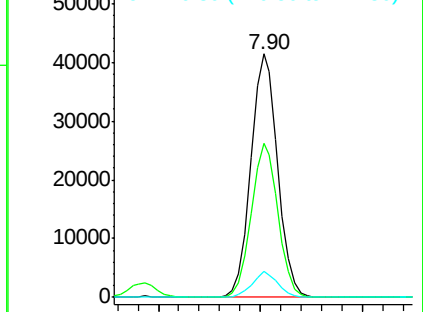
83 100

85 63.2 50.3 75.5

127 10.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 18.36 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

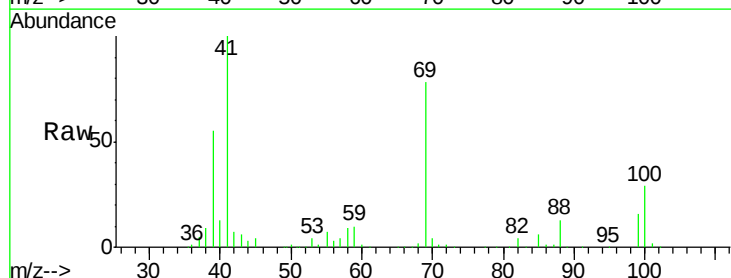
Tgt Ion: 41 Resp: 70516

Ion Ratio Lower Upper

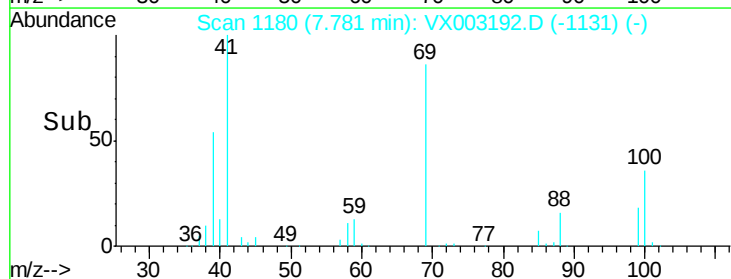
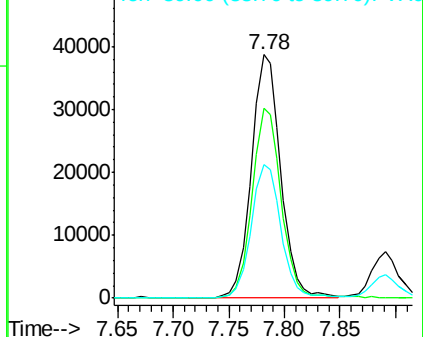
41 100

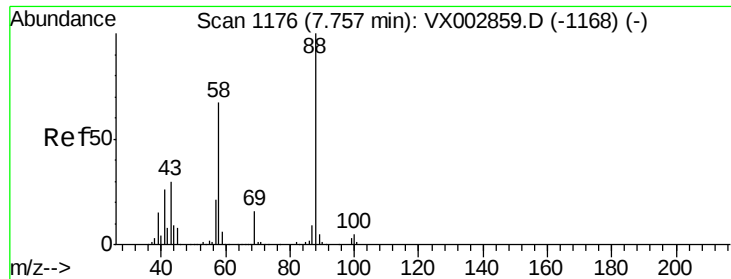
69 78.6 59.1 88.7

39 55.5 48.9 73.3



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

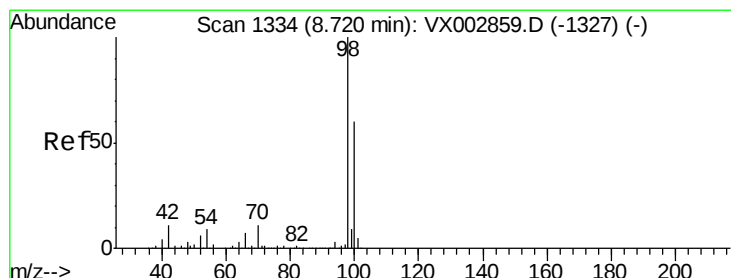
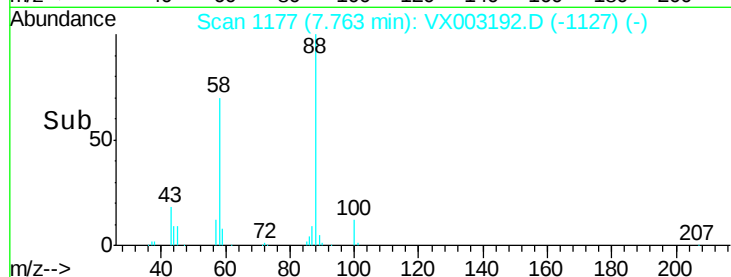
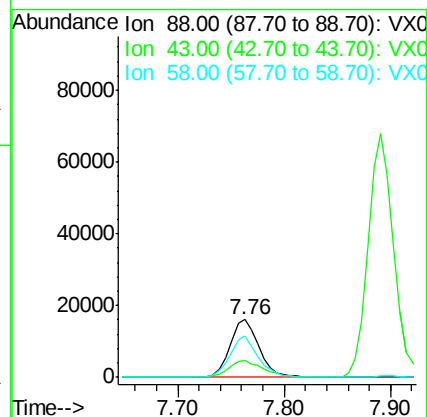
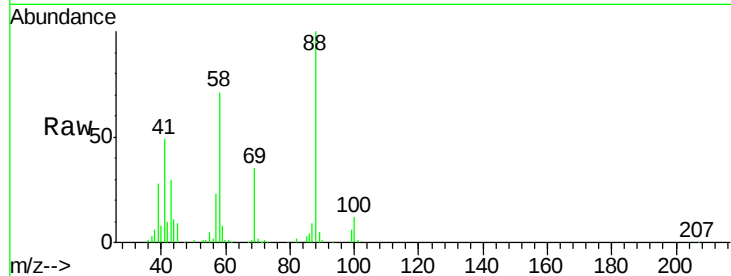




#49
1,4-Dioxane
Concen: 410.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

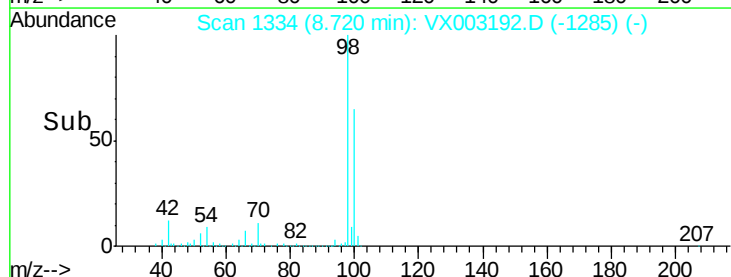
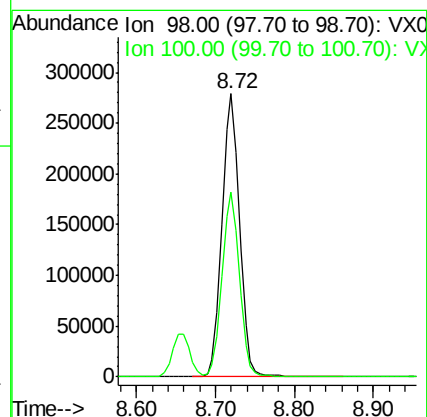
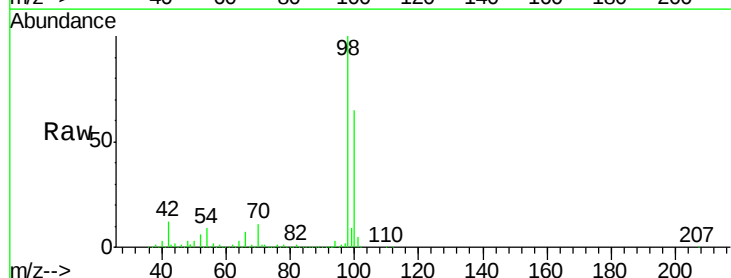
Instrument :
MSVOA_X
ClientSampleId :

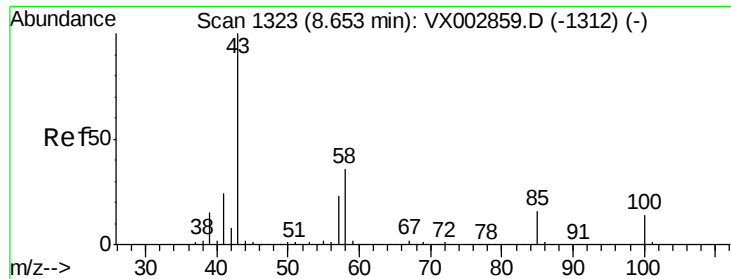
Tot Ion: 88 Resp: 30644
Ion Ratio Lower Upper
88 100
43 34.2 29.8 44.6
58 69.5 57.1 85.7



#50
Toluene-d8
Concen: 39.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 98 Resp: 435179
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.84 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

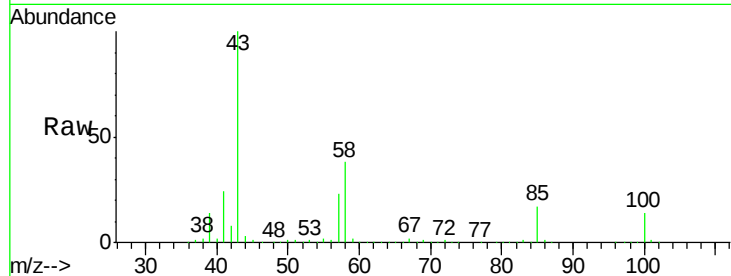
ClientSampleId :

Tot Ion: 43 Resp: 451554

Ion Ratio Lower Upper

43 100

58 37.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-1312) (-)

Ion 58.00 (57.70 to 58.70): VX002859.D (-1312) (-)

8.65

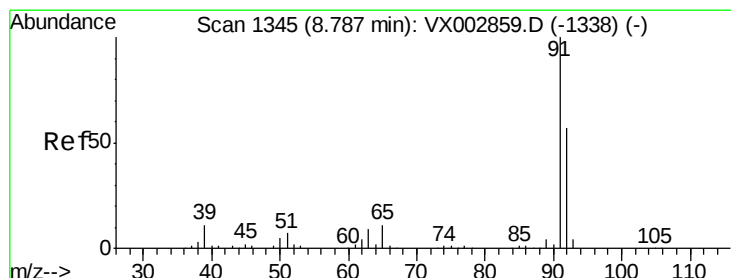
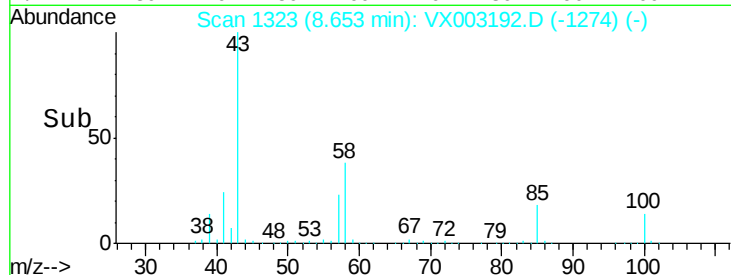
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003192.D

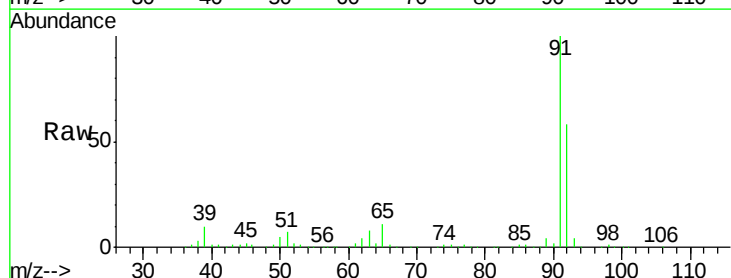
Acq: 06 Jul 2018 01:00

Tgt Ion: 92 Resp: 147022

Ion Ratio Lower Upper

92 100

91 173.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX002859.D (-1338) (-)

Ion 91.00 (90.70 to 91.70): VX002859.D (-1338) (-)

8.79

200000

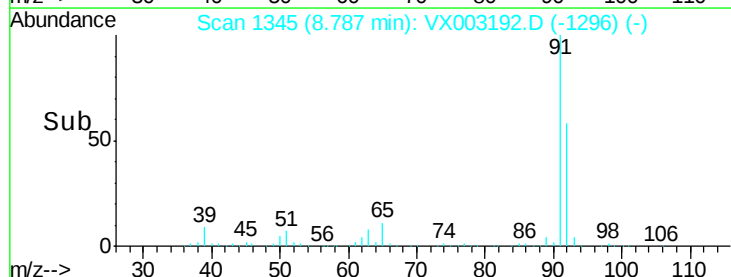
150000

100000

50000

0

Time-->

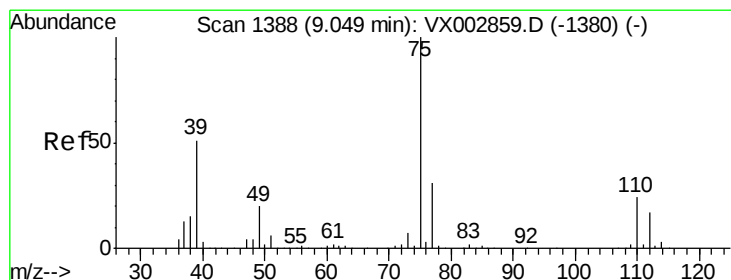
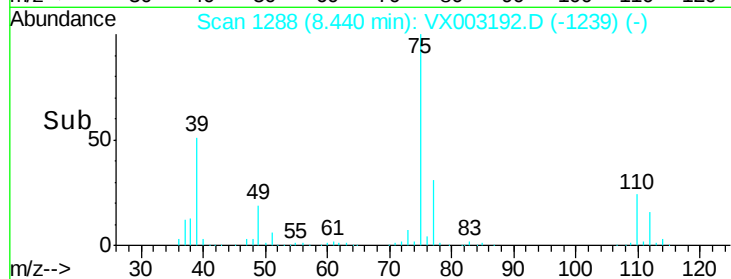
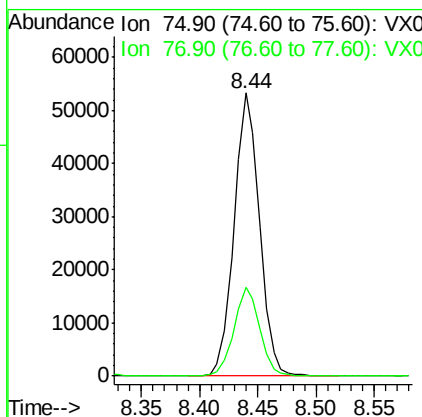
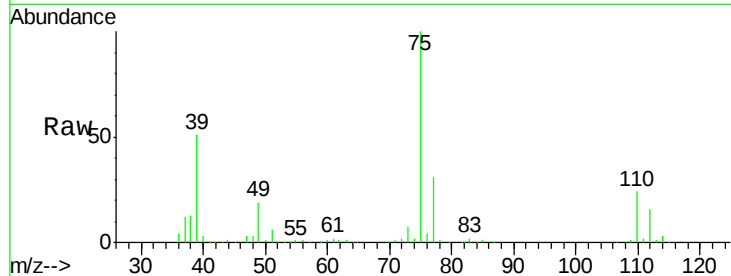




#53
 t-1,3-Dichloropropene
 Concen: 17.54 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

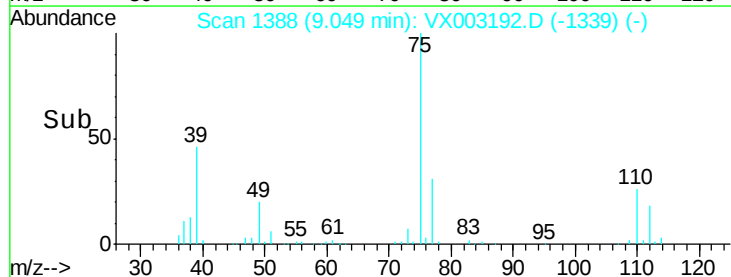
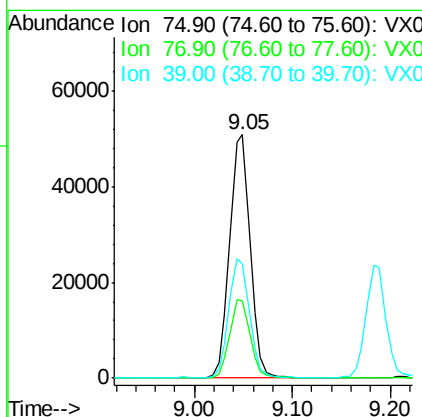
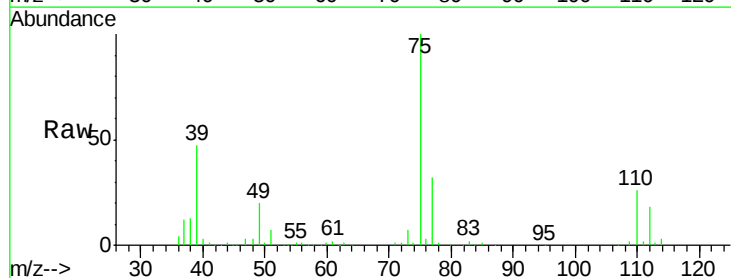
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 81057
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 16.71 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 75 Resp: 74300
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 46.8 42.4 63.6

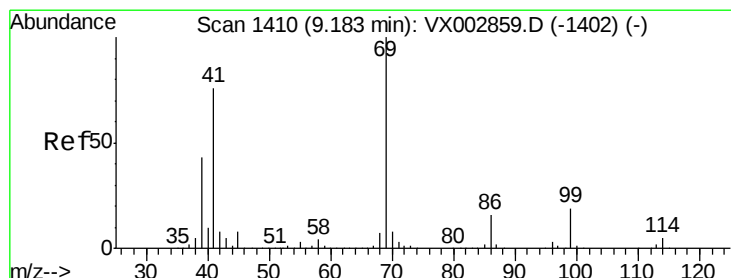
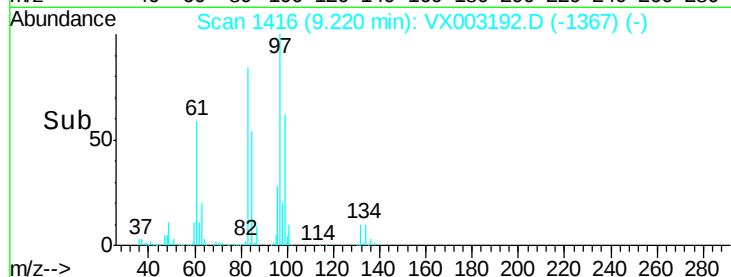
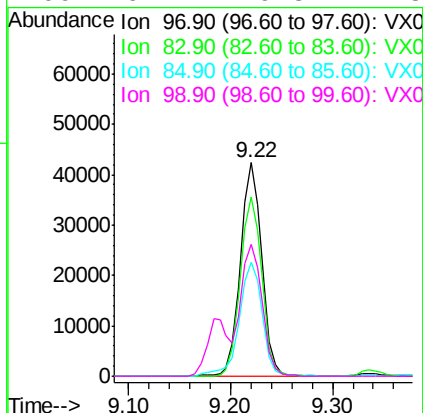
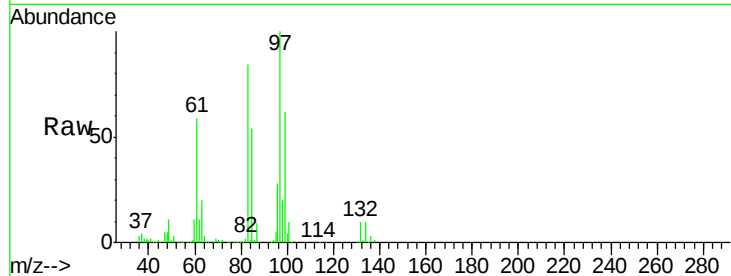




#55
 1,1,2-Trichloroethane
 Concen: 19.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

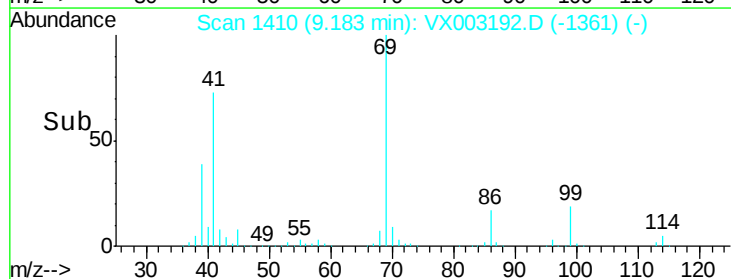
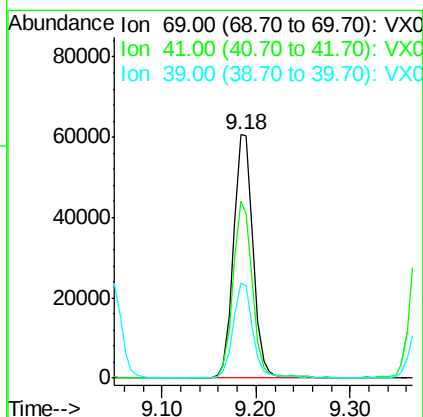
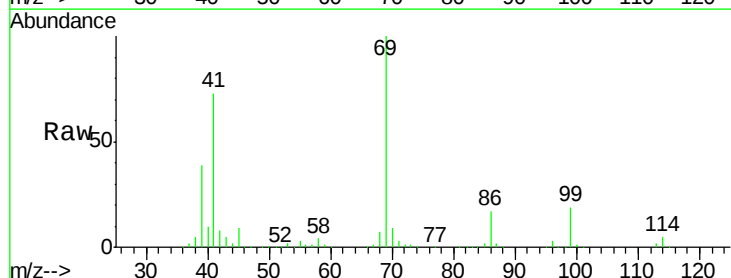
Instrument :
 MSVOA_X
 ClientSampleId :

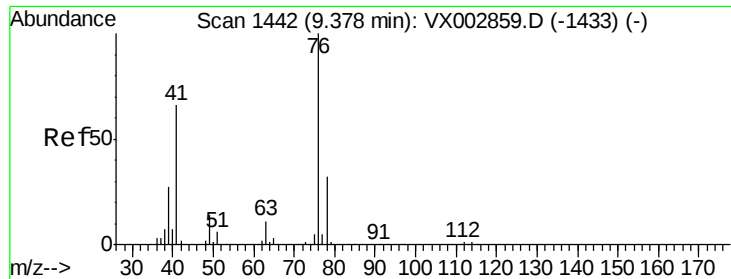
Tot Ion: 97 Resp: 61090
 Ion Ratio Lower Upper
 97 100
 83 84.2 70.2 105.2
 85 53.6 44.9 67.3
 99 61.7 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 18.95 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 69 Resp: 87402
 Ion Ratio Lower Upper
 69 100
 41 70.8 60.3 90.5
 39 38.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.11 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

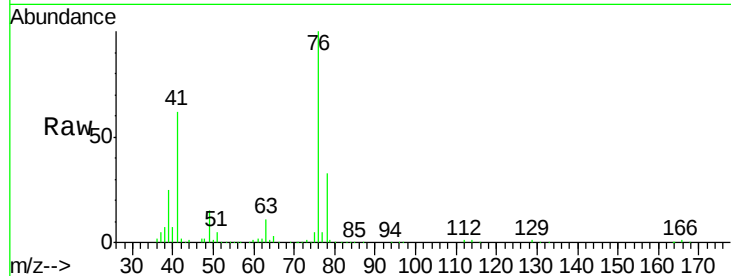
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 99092

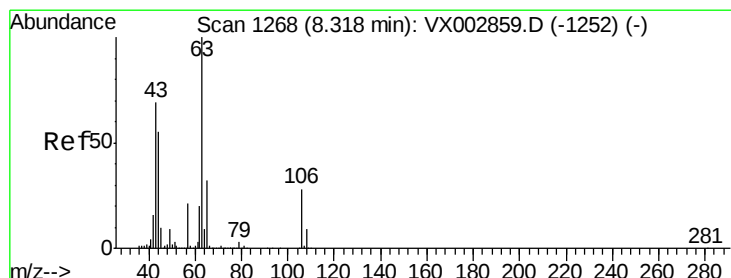
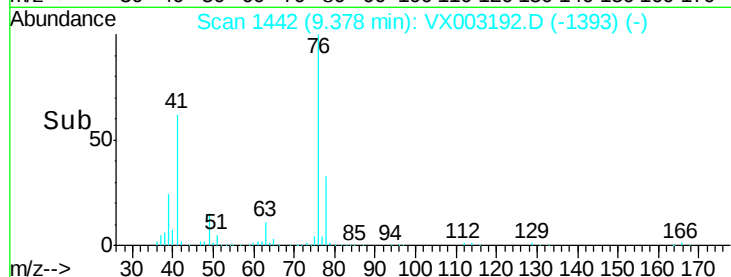
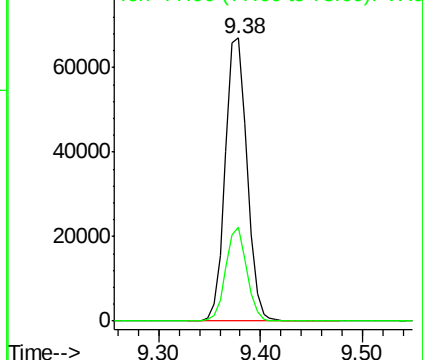
Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



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



#58

2-Chloroethyl Vinyl ether

Concen: 90.09 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003192.D

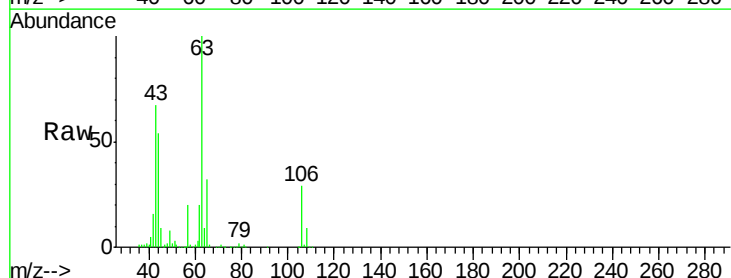
Acq: 06 Jul 2018 01:00

Tgt Ion: 63 Resp: 200515

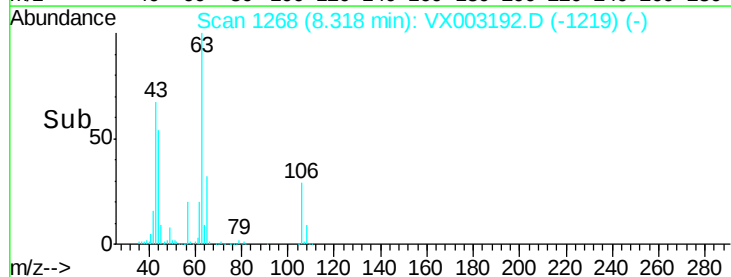
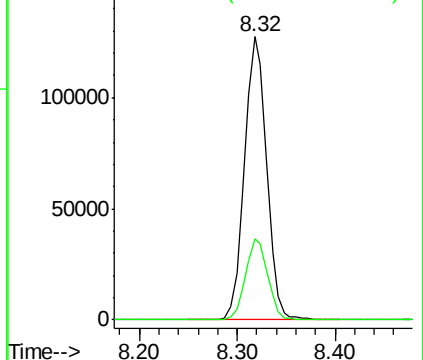
Ion Ratio Lower Upper

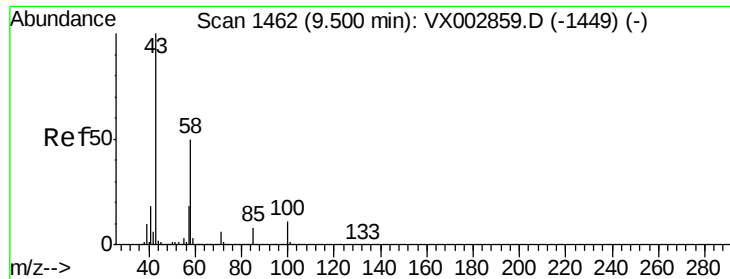
63 100

106 28.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

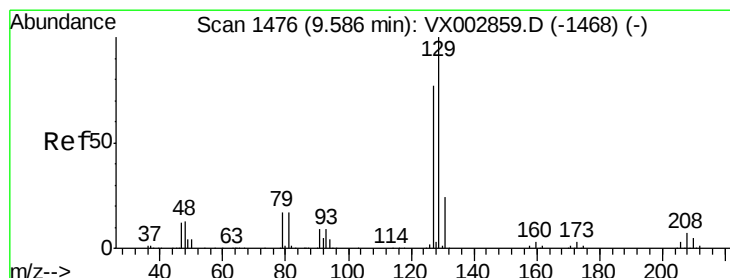
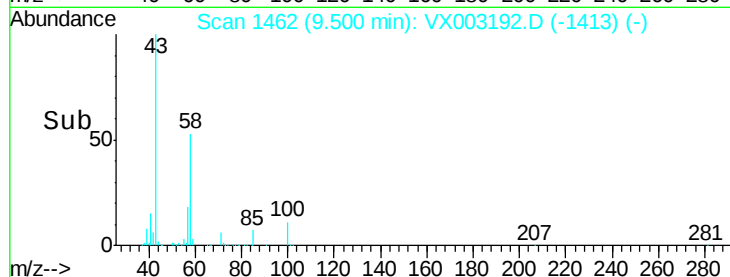
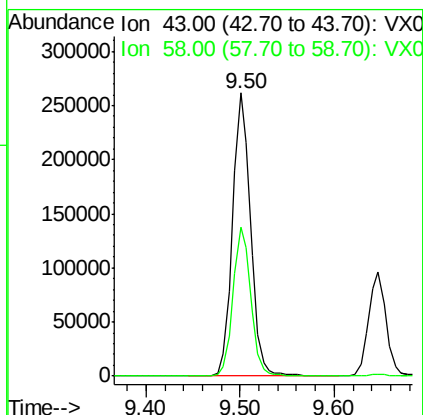
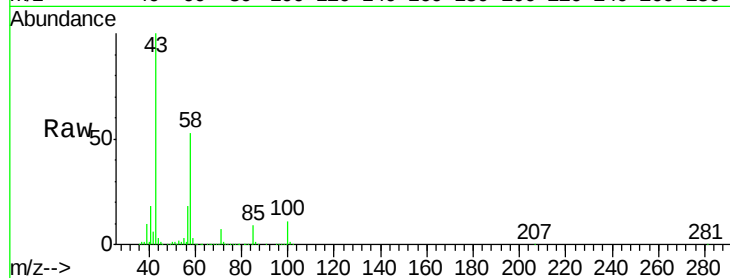




#59
2-Hexanone
Concen: 98.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

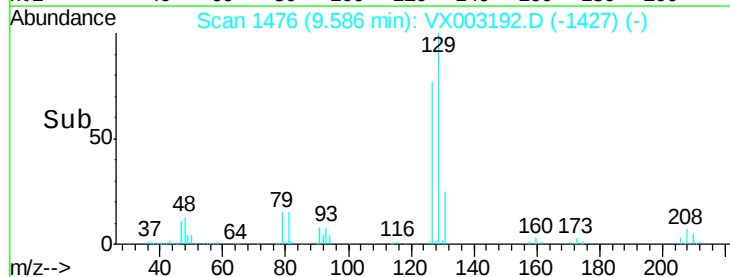
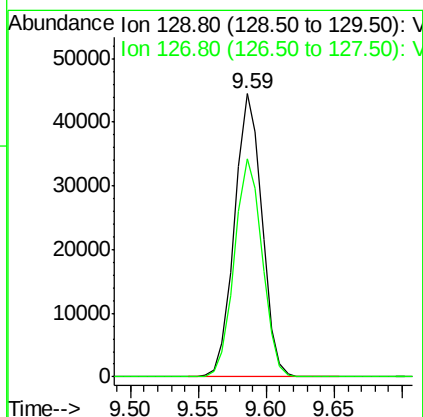
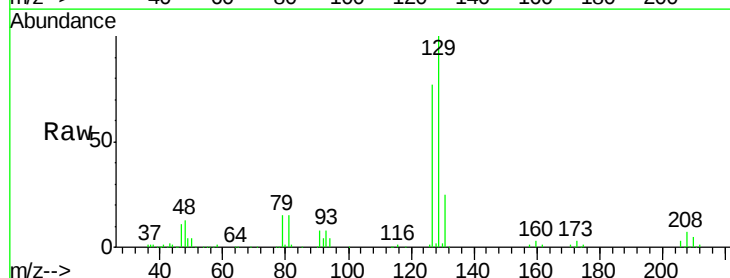
Instrument :
MSVOA_X
ClientSampleId :

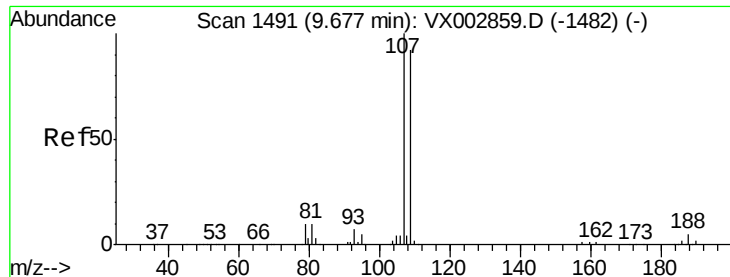
Tot Ion: 43 Resp: 347560
Ion Ratio Lower Upper
43 100
58 52.1 24.6 73.6



#60
Dibromochloromethane
Concen: 18.81 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion: 129 Resp: 62519
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.41 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

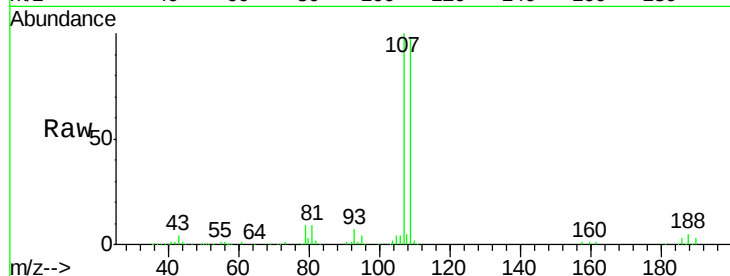
ClientSampleId :

Tot Ion:107 Resp: 64264

Ion Ratio Lower Upper

107 100

109 95.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

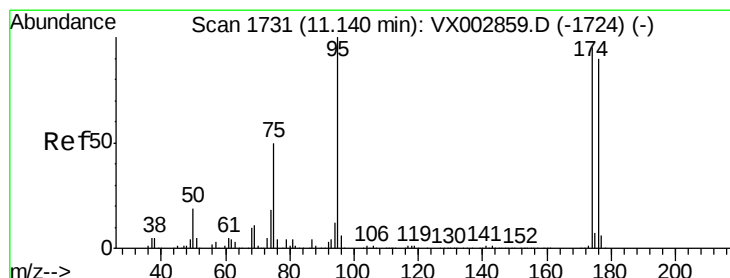
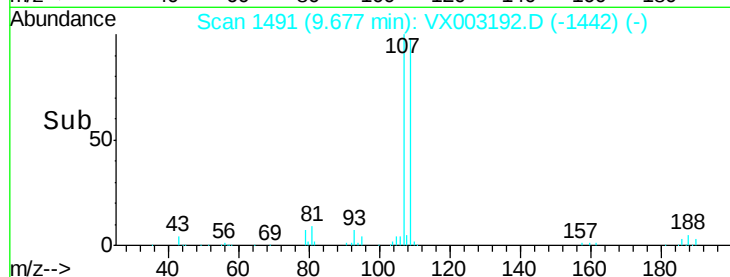
20000

10000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 40.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

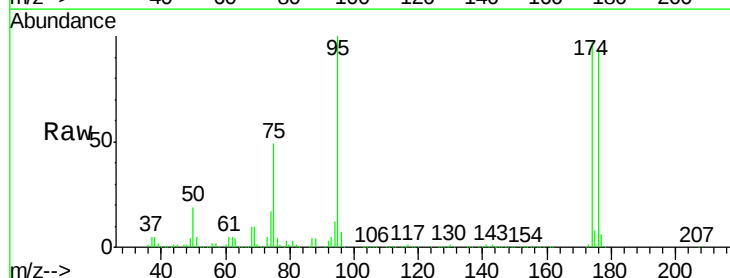
Tgt Ion: 95 Resp: 168049

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

176 95.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

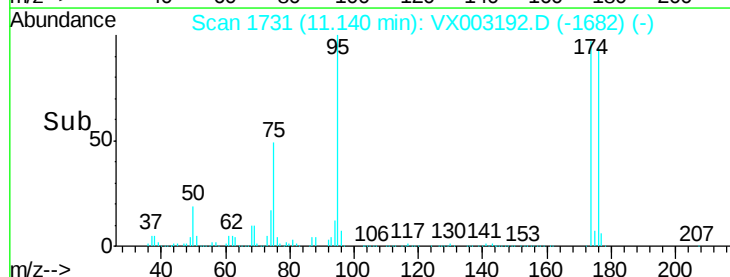
100000

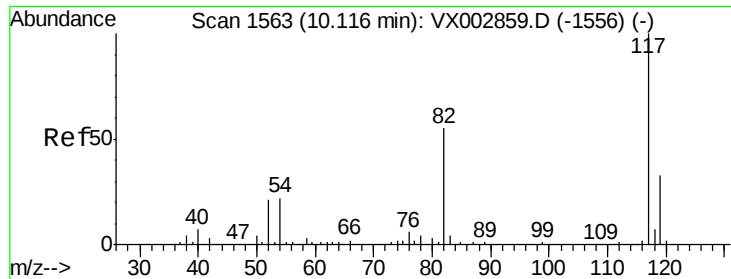
50000

0

Time-->

11.10 11.20

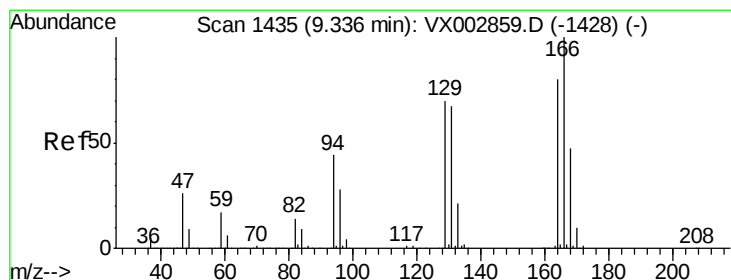
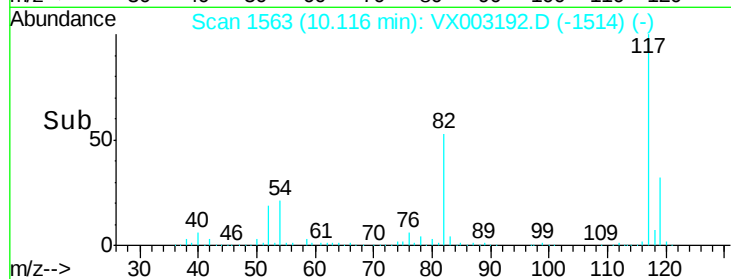
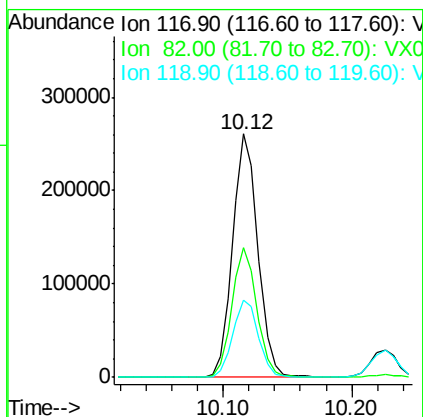
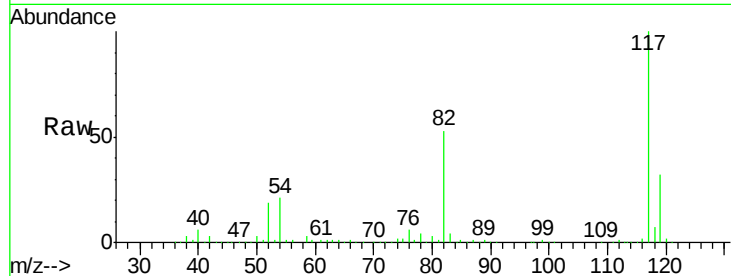




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

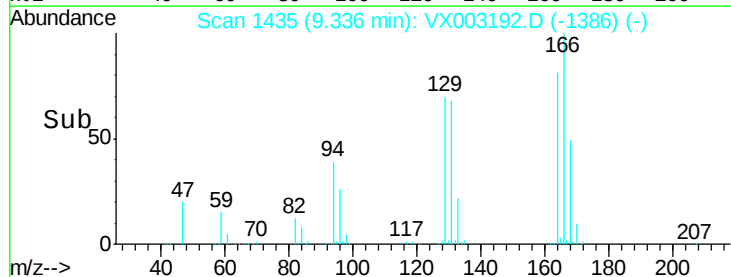
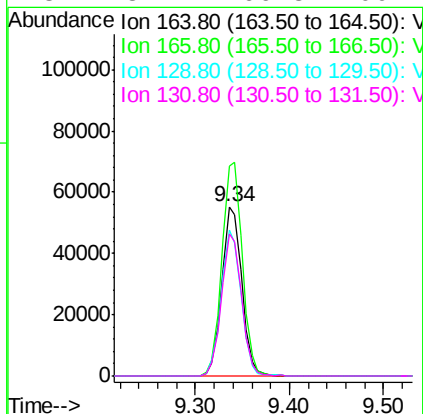
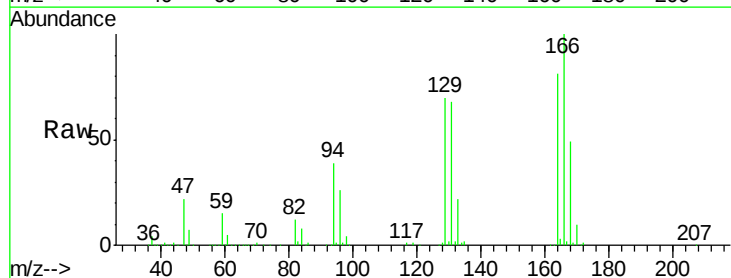
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 357410
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 20.43 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion:164 Resp: 81203
Ion Ratio Lower Upper
164 100
166 123.8 102.9 154.3
129 86.6 68.6 102.8
131 84.2 66.8 100.2





#65

Chlorobenzene

Concen: 19.00 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

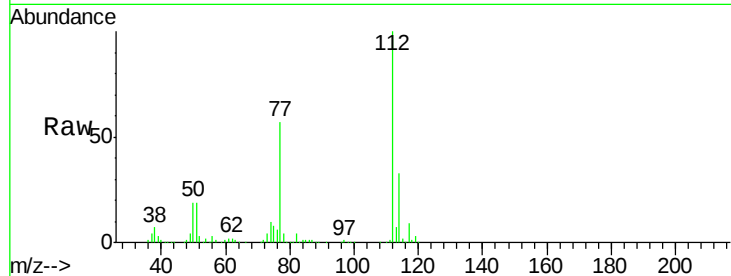
ClientSampled :

Tot Ion:112 Resp: 172467

Ion Ratio Lower Upper

112 100

114 33.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

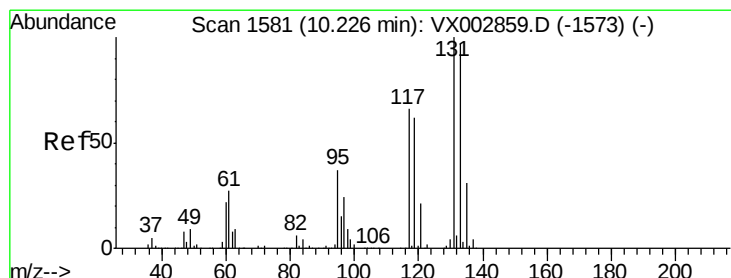
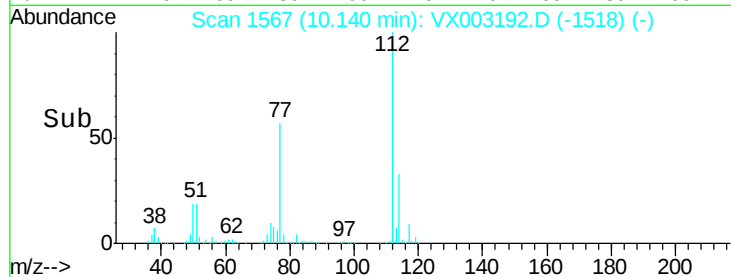
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.32 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

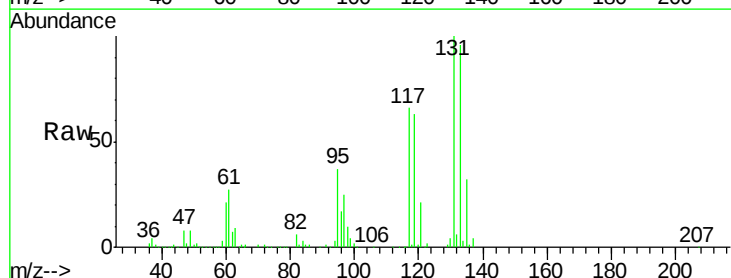
Tgt Ion:131 Resp: 63708

Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.6

119 63.7 31.8 95.3



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

10.23

60000

50000

40000

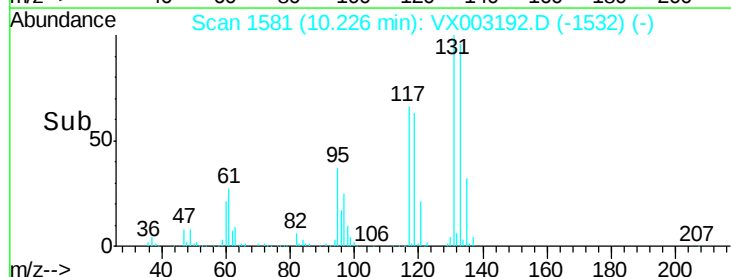
30000

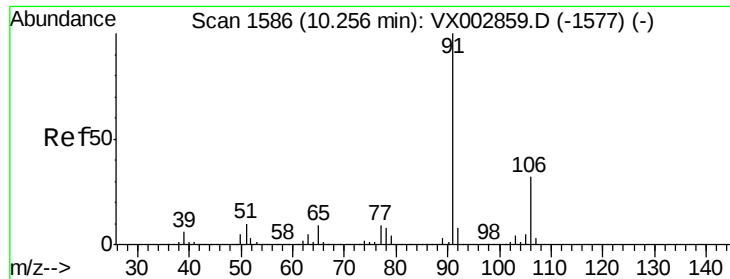
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 18.75 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

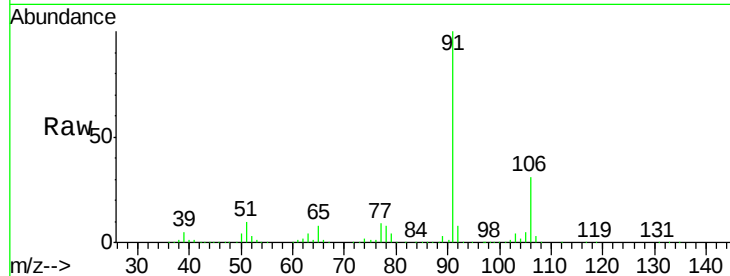
ClientSampled :

Tot Ion: 91 Resp: 281115

Ion Ratio Lower Upper

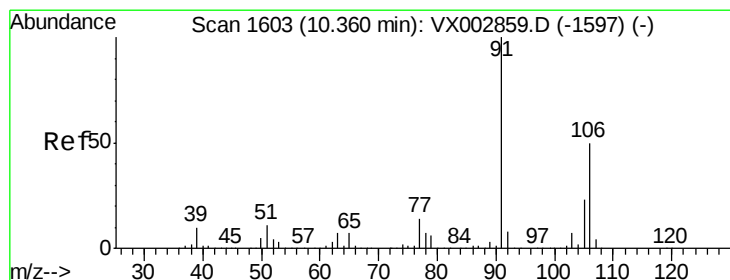
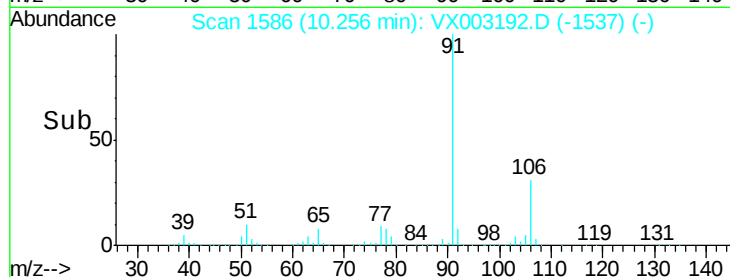
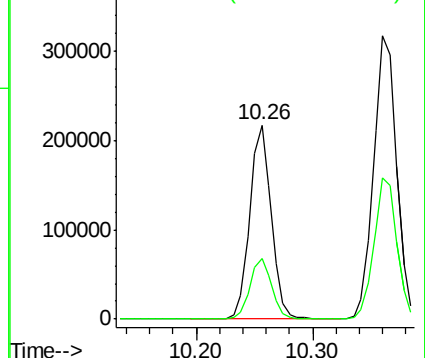
91 100

106 31.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.81 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003192.D

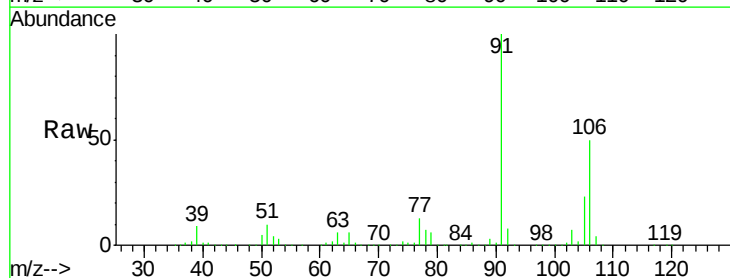
Acq: 06 Jul 2018 01:00

Tgt Ion: 106 Resp: 218509

Ion Ratio Lower Upper

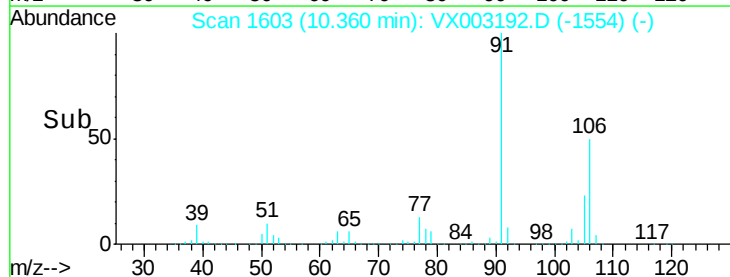
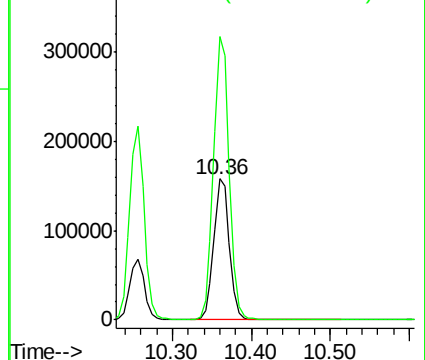
106 100

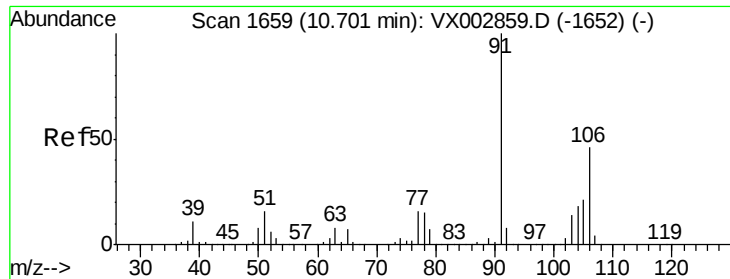
91 201.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

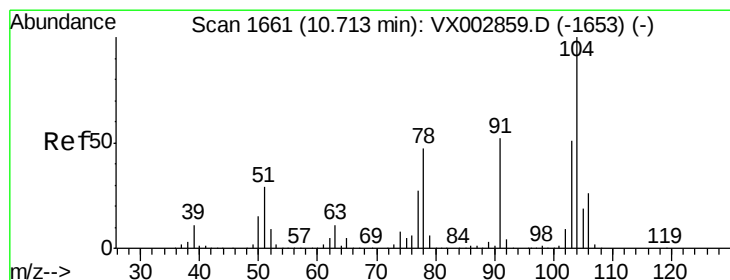
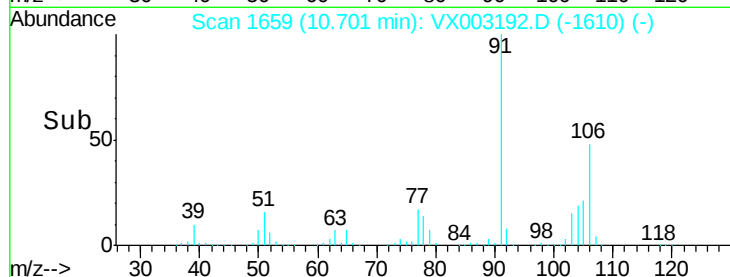
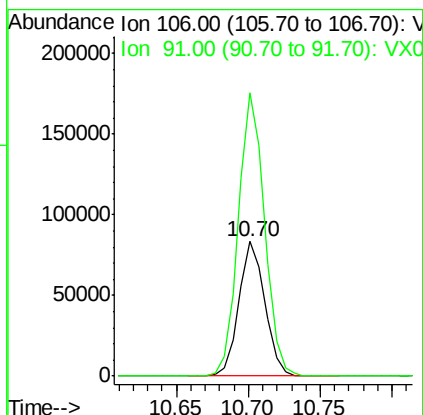
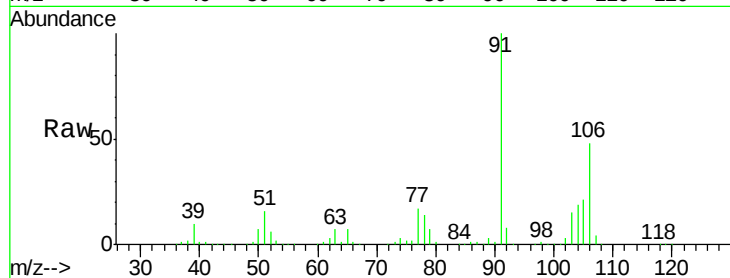




#69
o-Xylene
Concen: 18.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

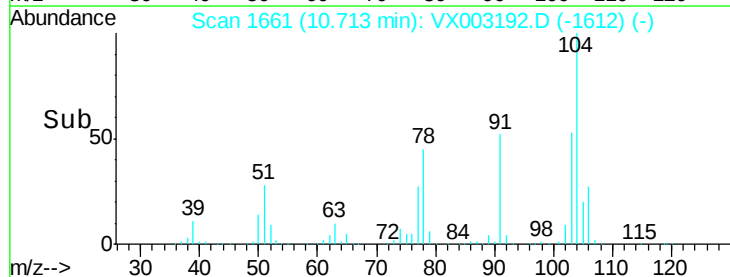
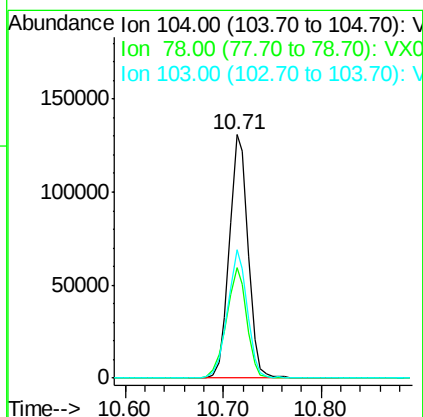
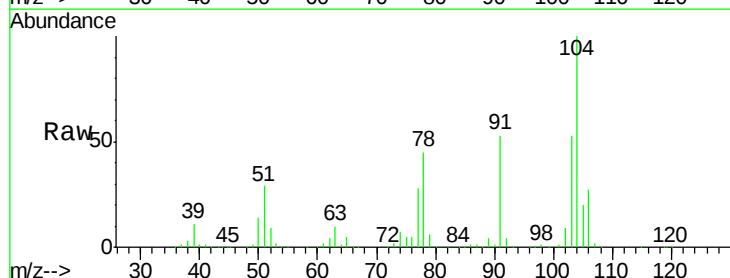
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 105039
Ion Ratio Lower Upper
106 100
91 211.5 108.2 324.6



#70
Styrene
Concen: 19.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003192.D
Acq: 06 Jul 2018 01:00

Tgt Ion:104 Resp: 174796
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 18.63 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampled :

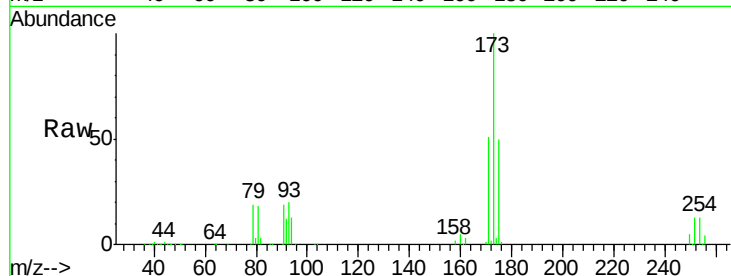
Tot Ion:173 Resp: 47602

Ion Ratio Lower Upper

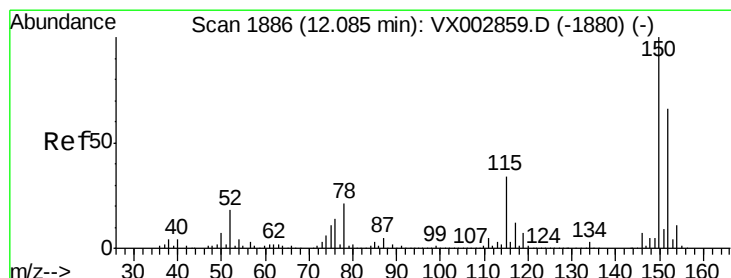
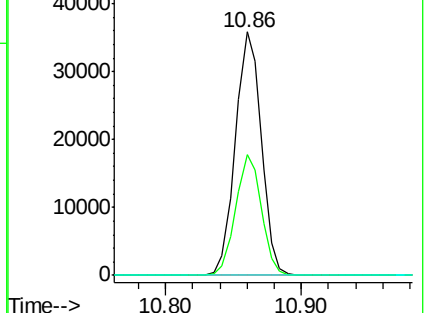
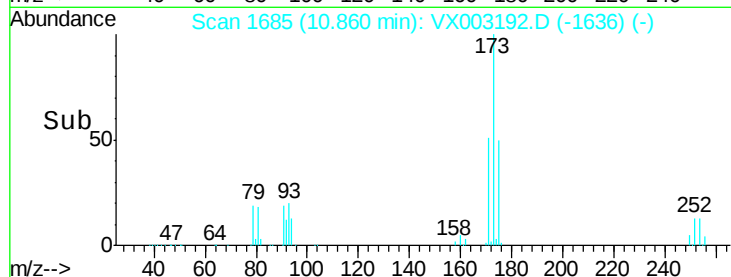
173 100

175 49.3 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

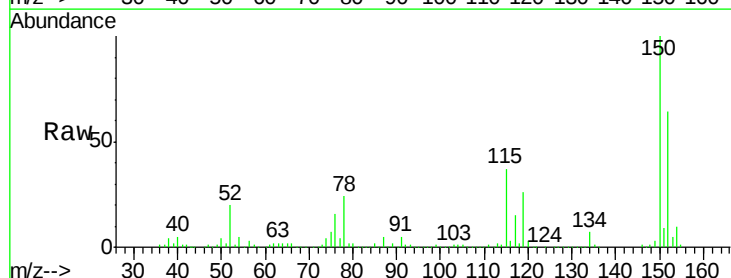
Tgt Ion:152 Resp: 219834

Ion Ratio Lower Upper

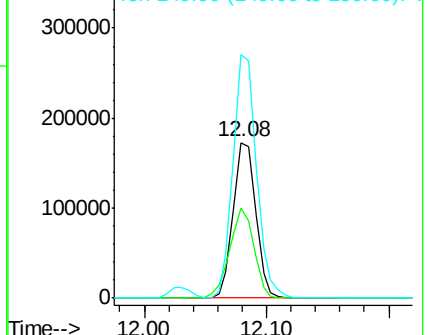
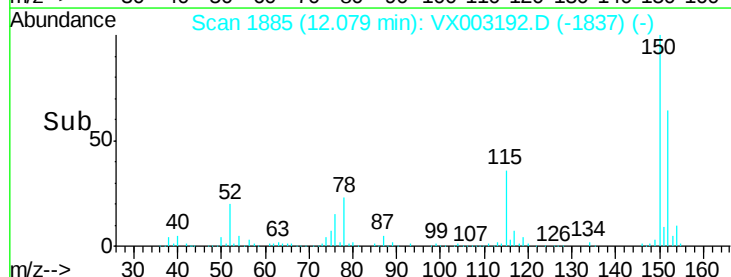
152 100

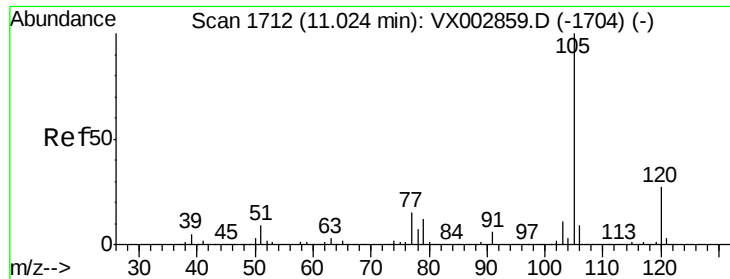
115 62.2 40.1 120.2

150 162.6 0.0 347.2



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: 19.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

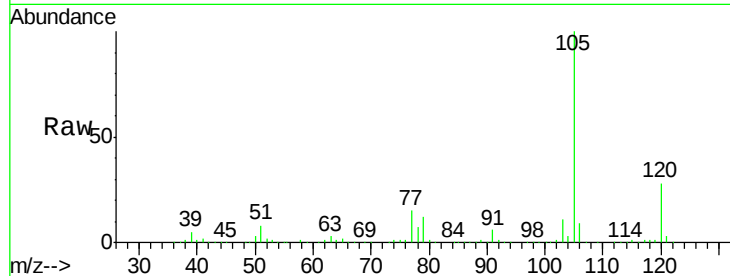
ClientSampleId :

Tot Ion:105 Resp: 285130

Ion Ratio Lower Upper

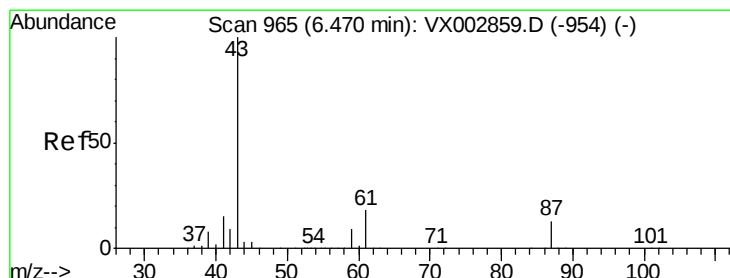
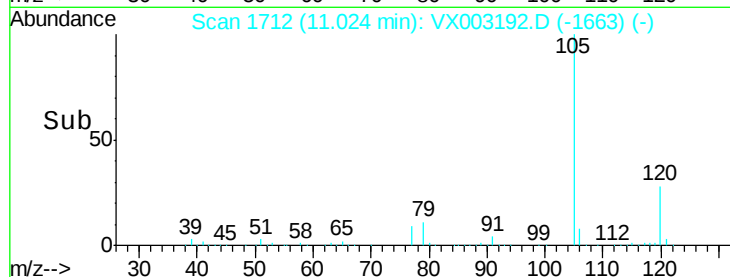
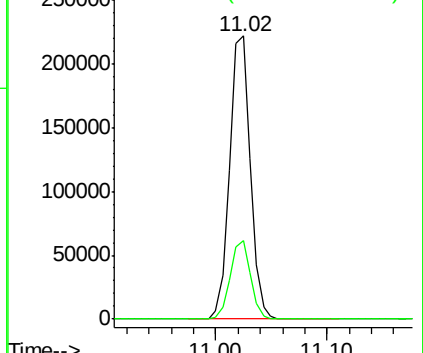
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Tgt Ion: 43 Resp: 135333

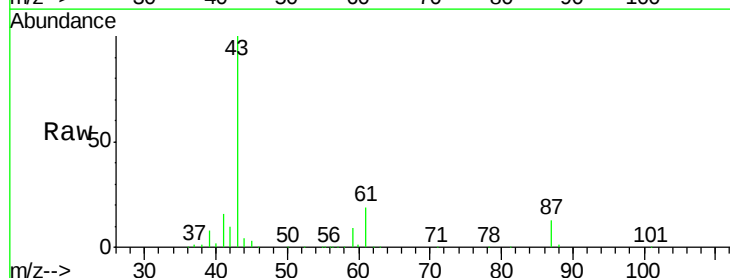
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.0 14.4 21.6

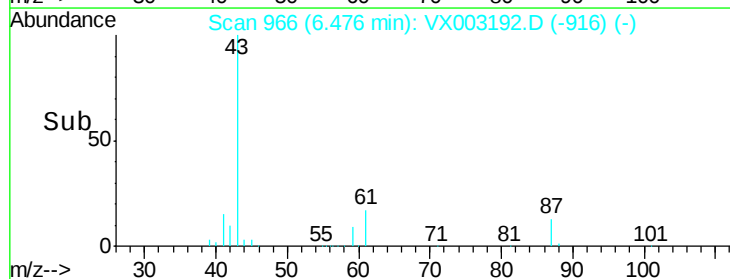
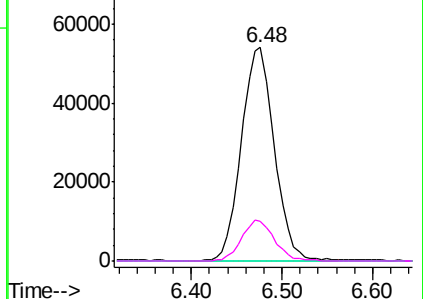


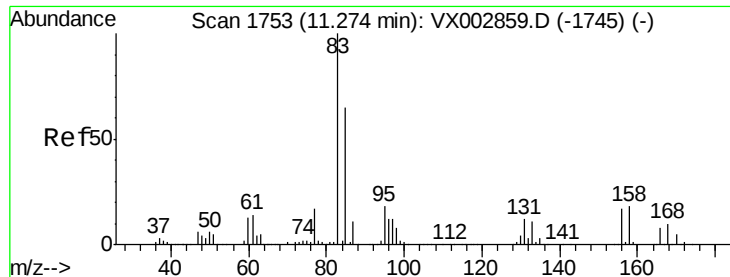
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.57 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampled :

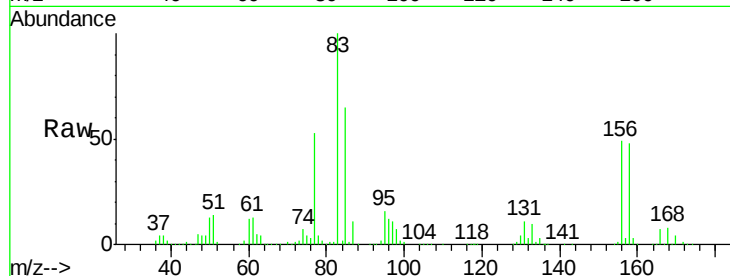
Tot Ion: 83 Resp: 89151

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

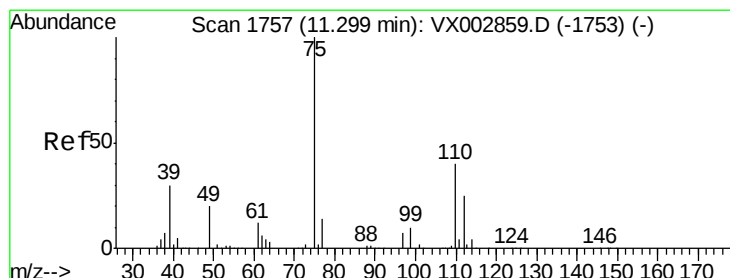
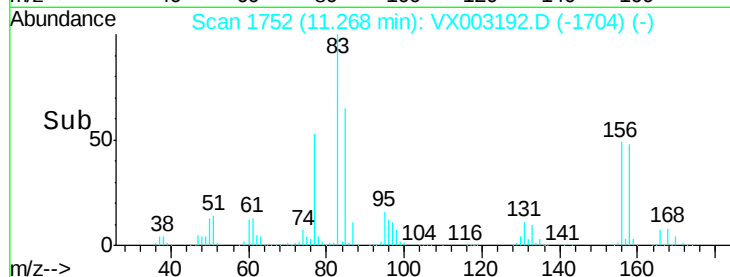
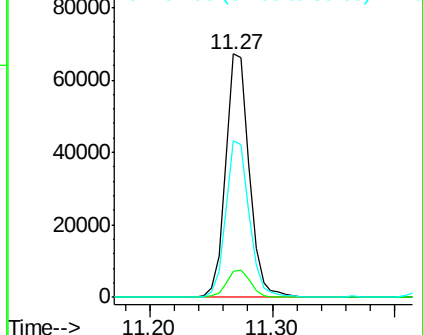
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.91 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003192.D

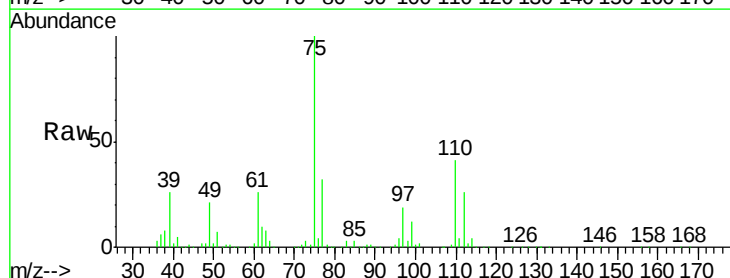
Acq: 06 Jul 2018 01:00

Tgt Ion: 75 Resp: 95198

Ion Ratio Lower Upper

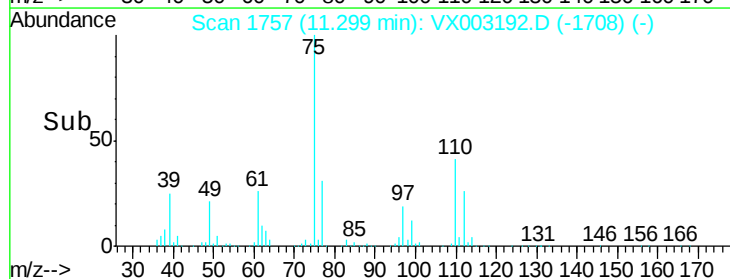
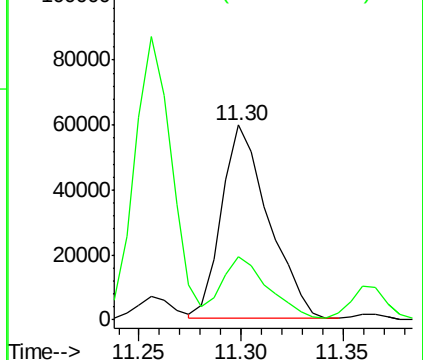
75 100

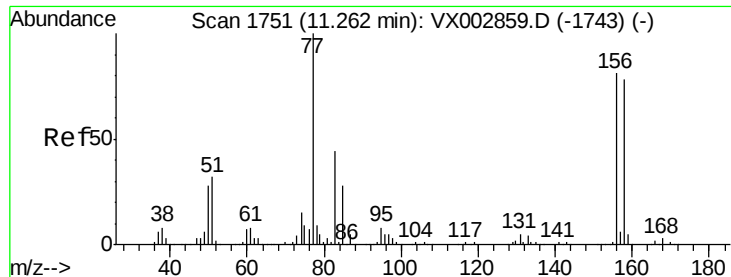
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.33 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

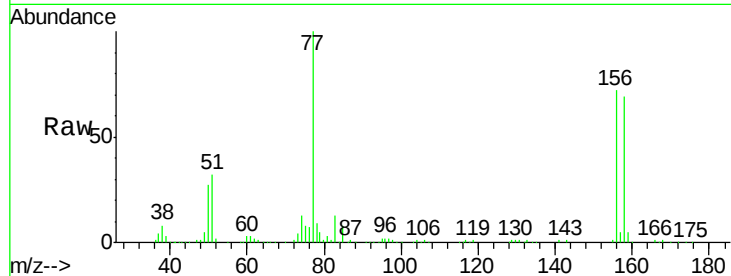
Tot Ion:156 Resp: 81401

Ion Ratio Lower Upper

156 100

77 136.2 71.4 214.2

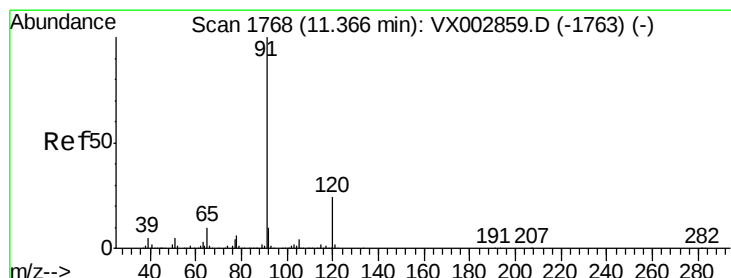
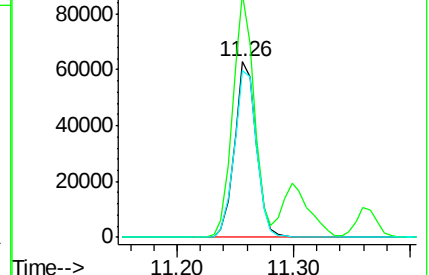
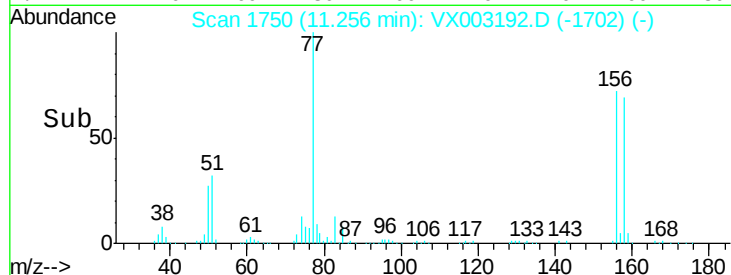
158 97.5 48.9 146.6



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: 18.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003192.D

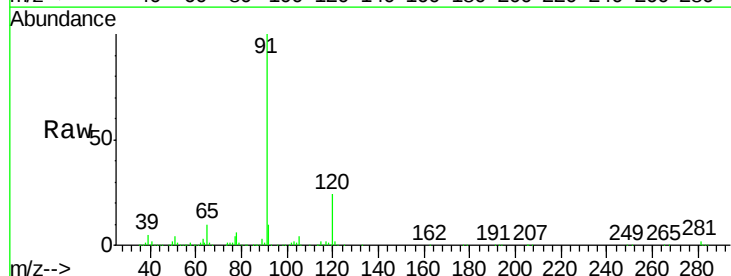
Acq: 06 Jul 2018 01:00

Tgt Ion: 91 Resp: 315140

Ion Ratio Lower Upper

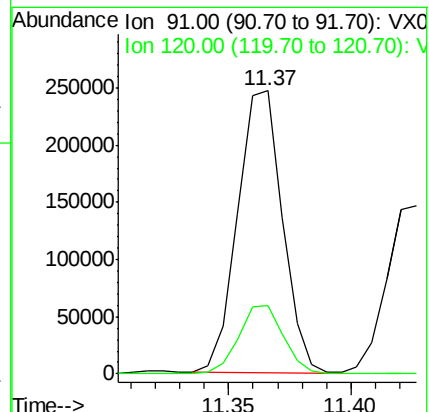
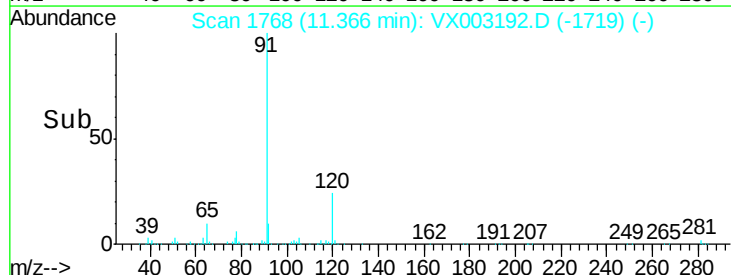
91 100

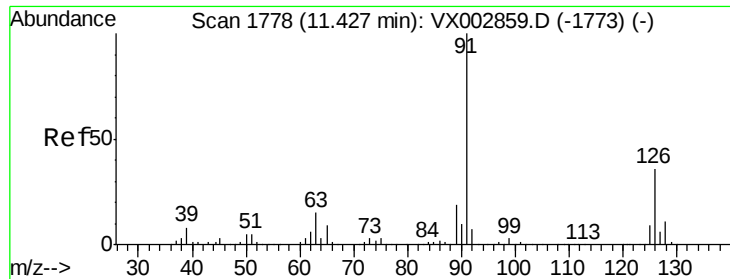
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

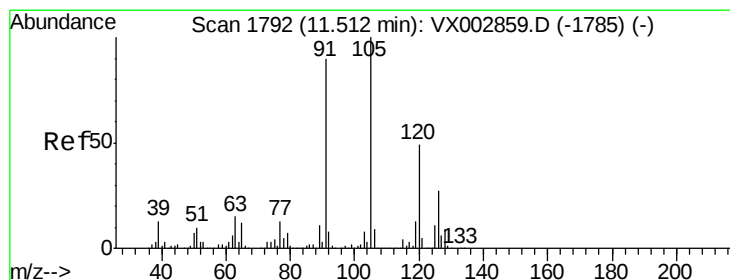
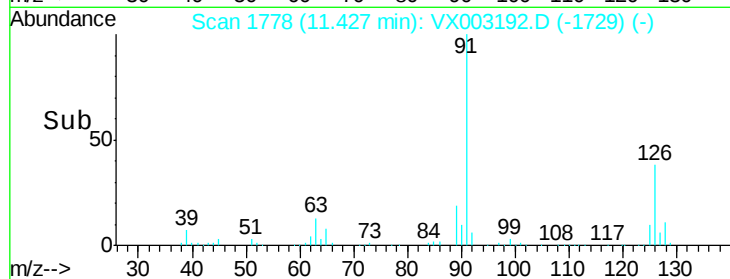
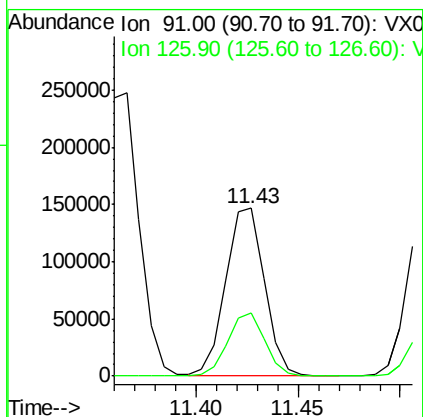
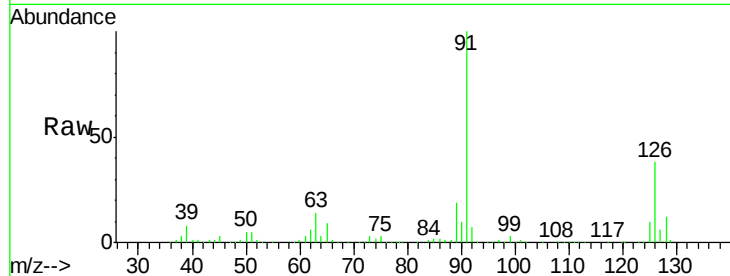




#79
 2-Chlorotoluene
 Concen: 18.81 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

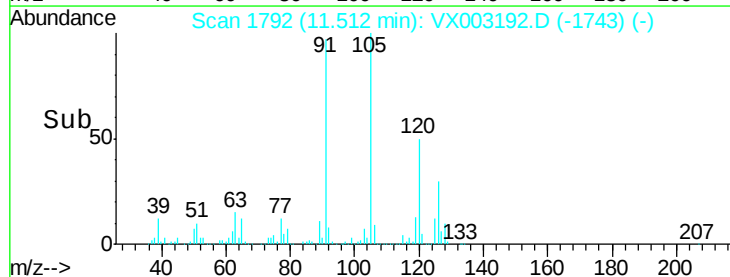
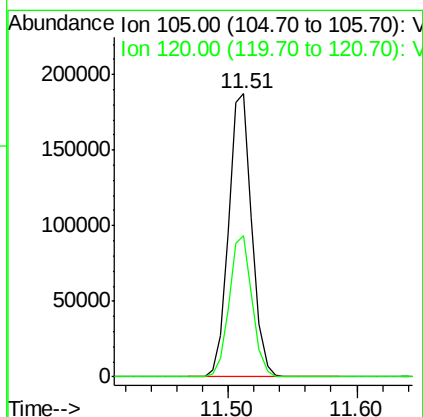
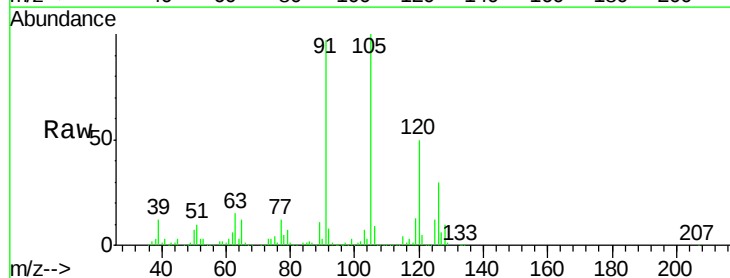
Instrument :
 MSVOA_X
 ClientSampleId :

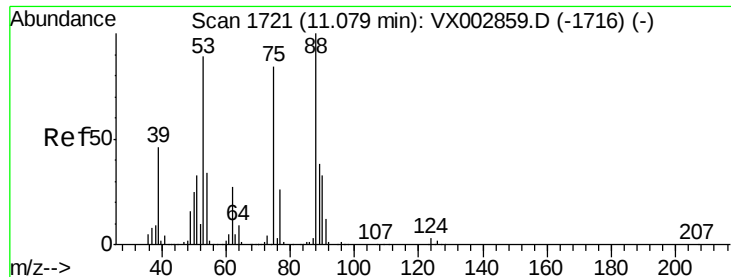
Tot Ion: 91 Resp: 191670
 Ion Ratio Lower Upper
 91 100
 126 36.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.00 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 105 Resp: 236701
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.66 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampled :

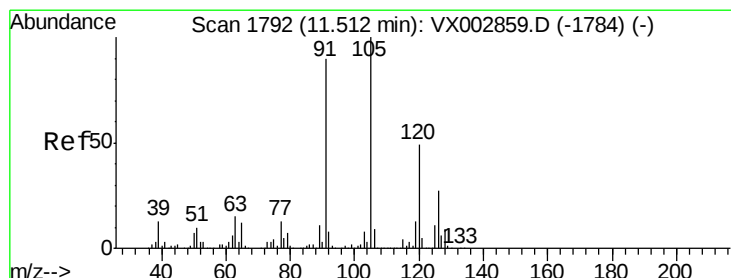
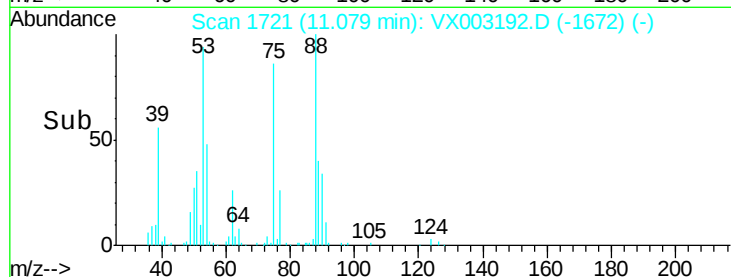
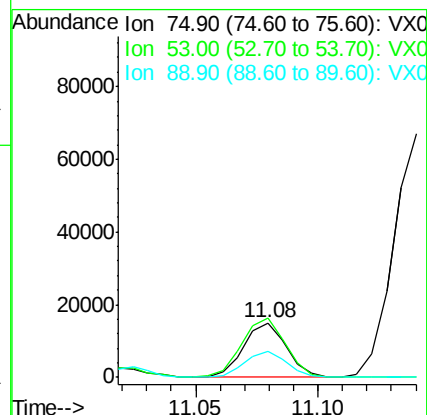
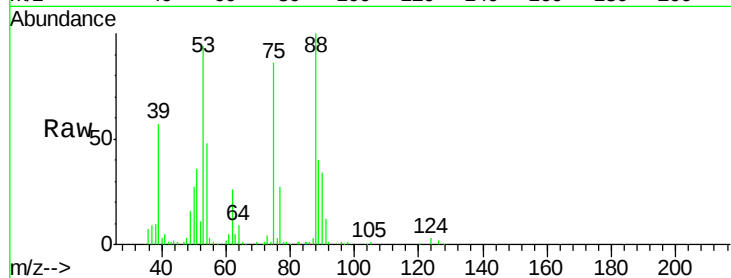
Tot Ion: 75 Resp: 18088

Ion Ratio Lower Upper

75 100

53 112.5 86.8 130.2

89 48.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003192.D

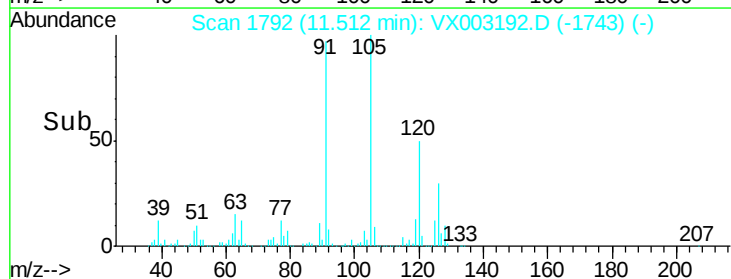
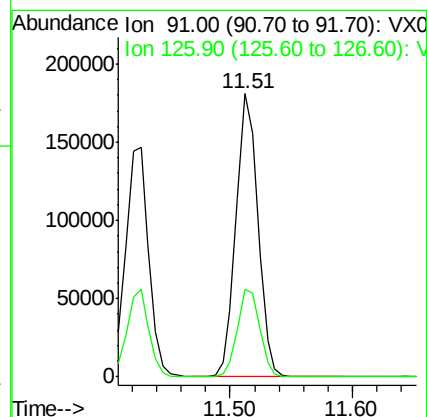
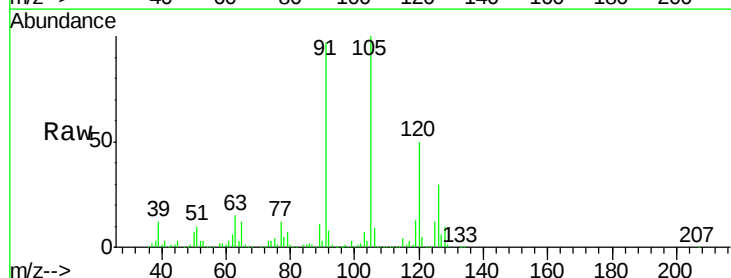
Acq: 06 Jul 2018 01:00

Tgt Ion: 91 Resp: 223626

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

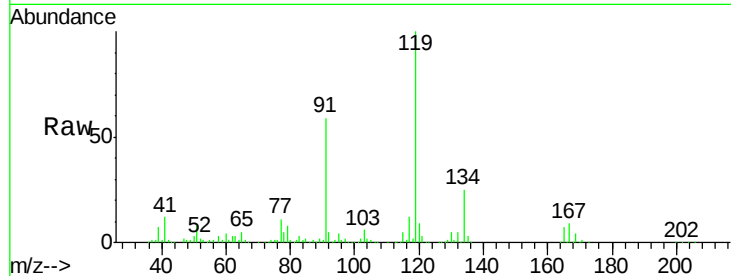




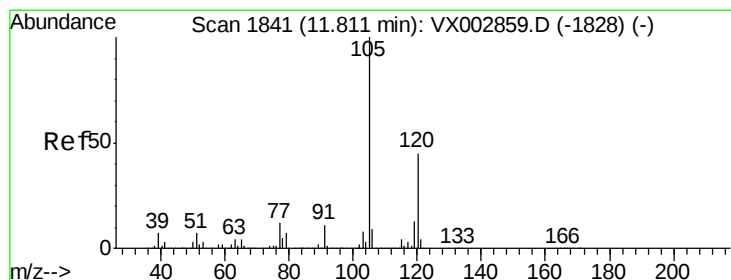
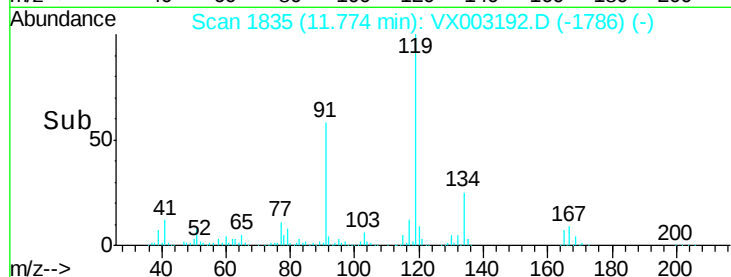
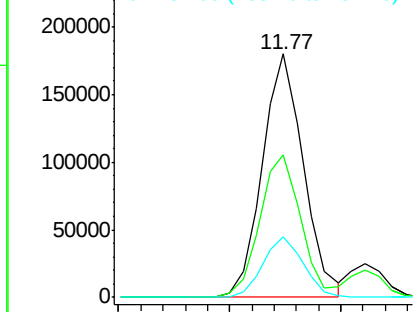
#83
 tert-Butylbenzene
 Concen: 18.77 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 230463
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.3 90.9
 134 24.2 11.7 35.1

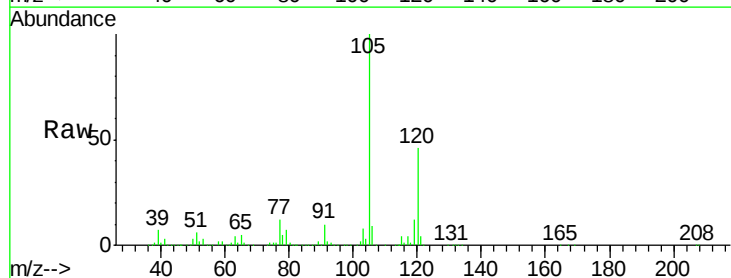


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

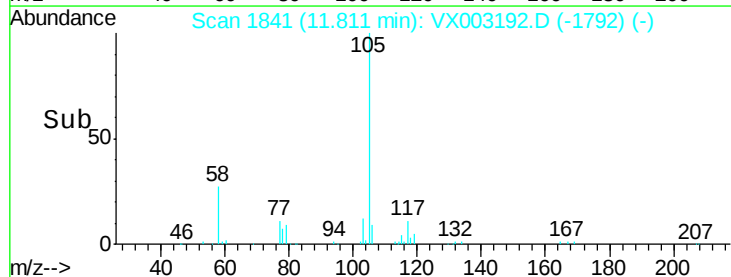
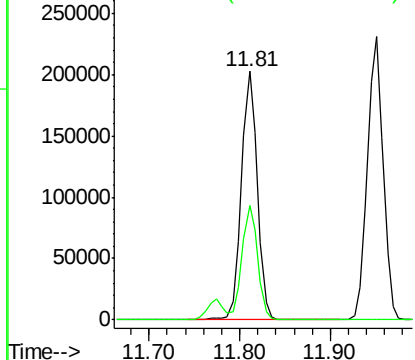


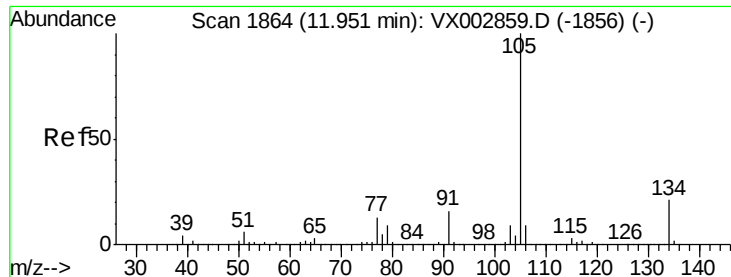
#84
 1,2,4-Trimethylbenzene
 Concen: 19.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion:105 Resp: 246899
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 18.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

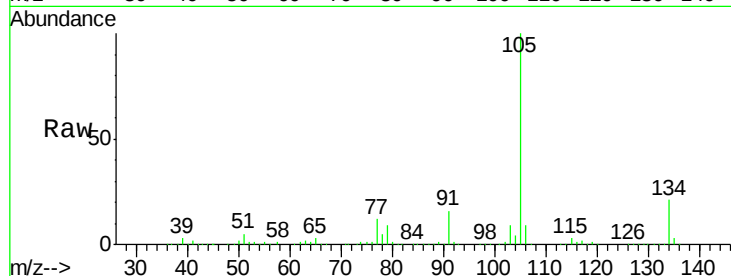
ClientSampleId :

Tot Ion:105 Resp: 279174

Ion Ratio Lower Upper

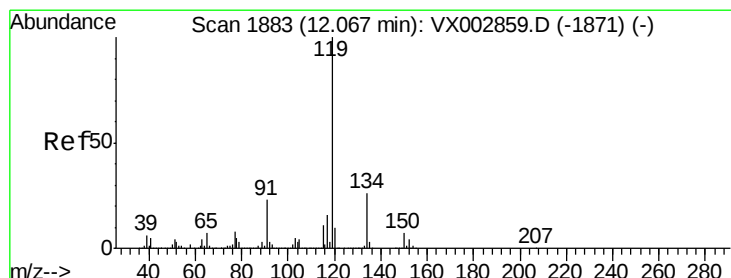
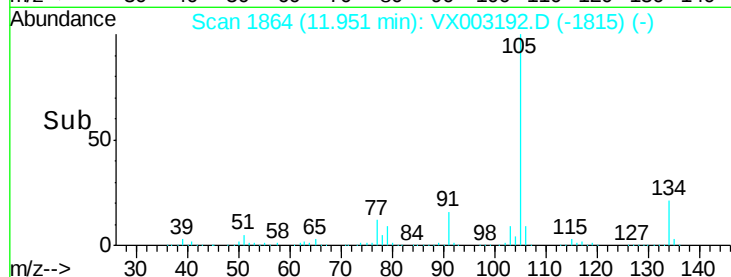
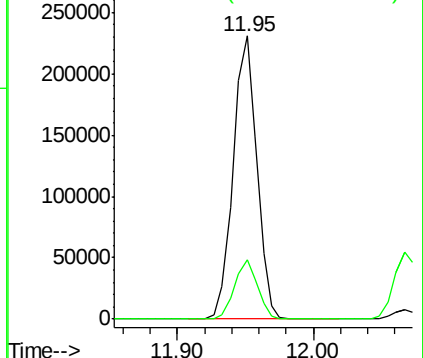
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

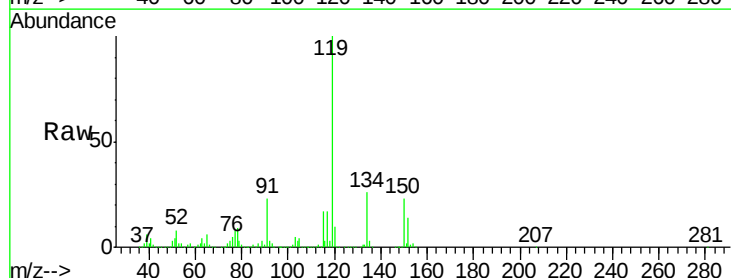
Tgt Ion:119 Resp: 250016

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

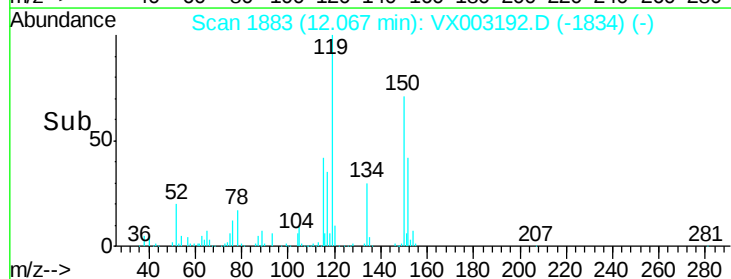
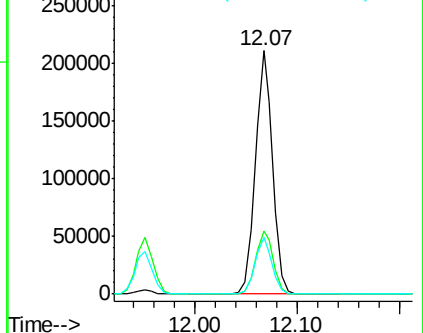
91 23.1 11.9 35.7

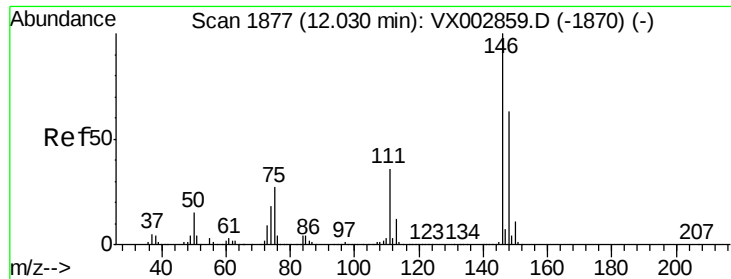


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.88 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

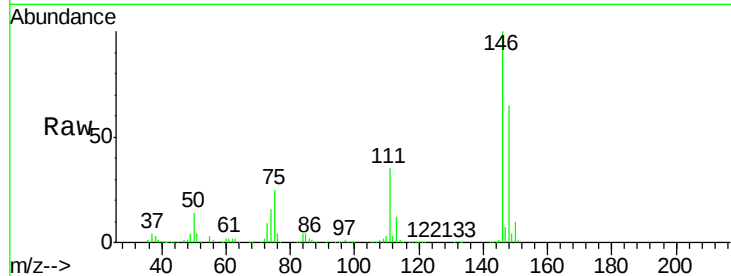
Tot Ion:146 Resp: 145252

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

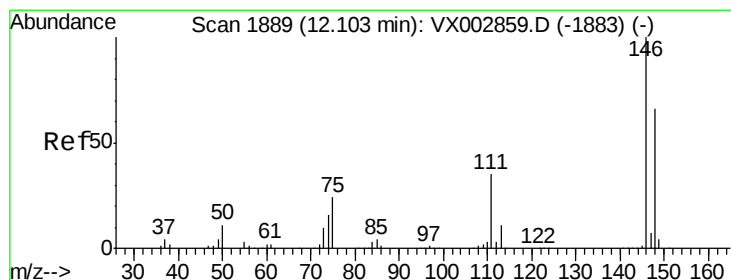
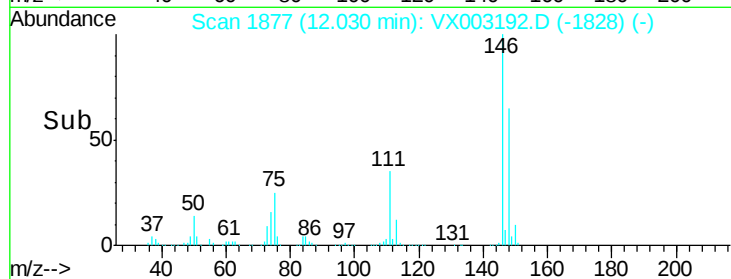
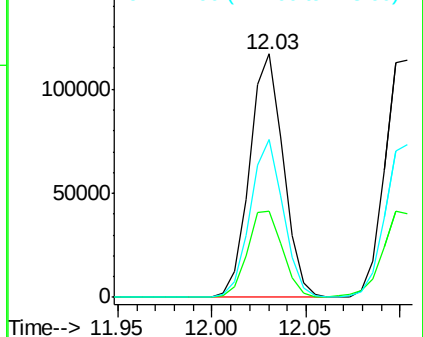
148 63.6 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.51 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

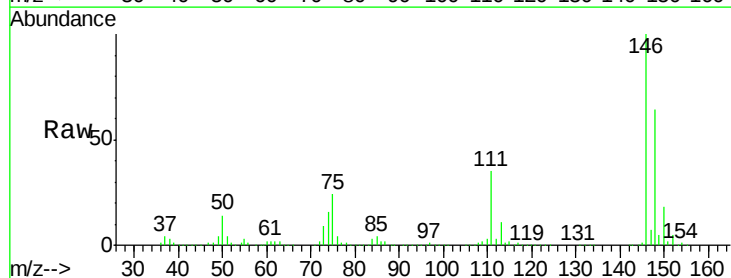
Tgt Ion:146 Resp: 146493

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

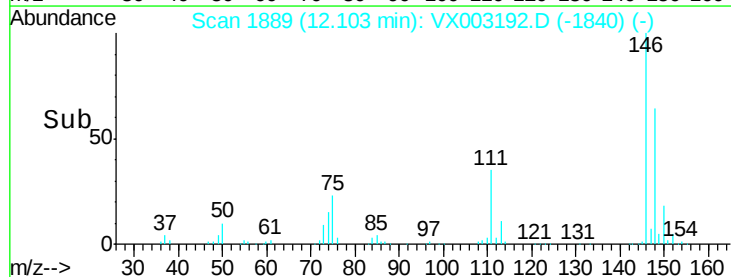
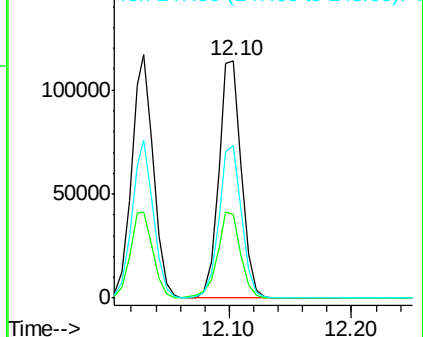
148 64.4 32.4 97.0



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





#89

n-Butylbenzene

Concen: 16.89 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampled :

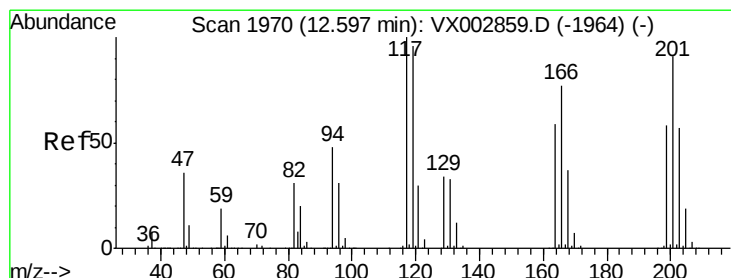
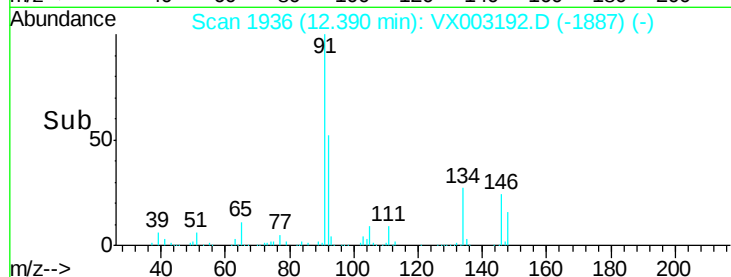
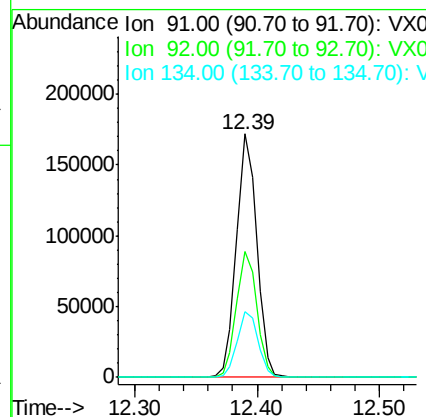
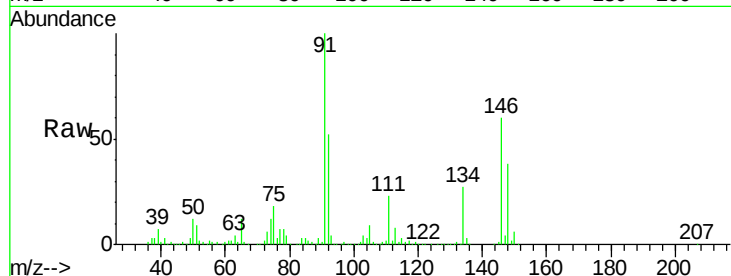
Tot Ion: 91 Resp: 196827

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 27.6 13.5 40.5



#90

Hexachloroethane

Concen: 17.54 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003192.D

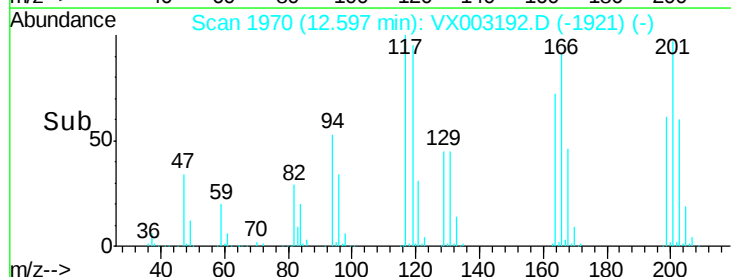
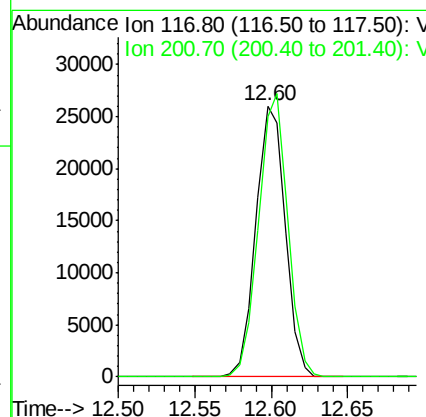
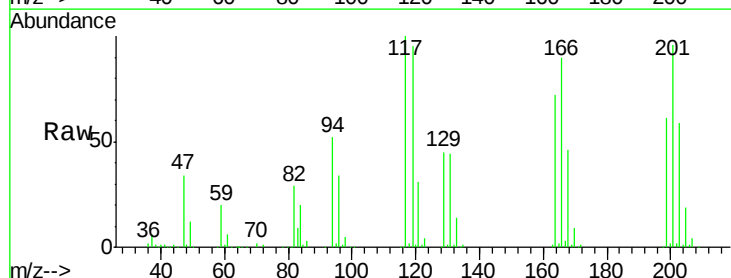
Acq: 06 Jul 2018 01:00

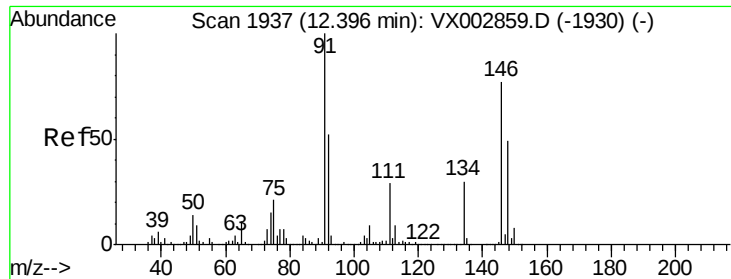
Tgt Ion: 117 Resp: 34920

Ion Ratio Lower Upper

117 100

201 103.3 49.0 147.0

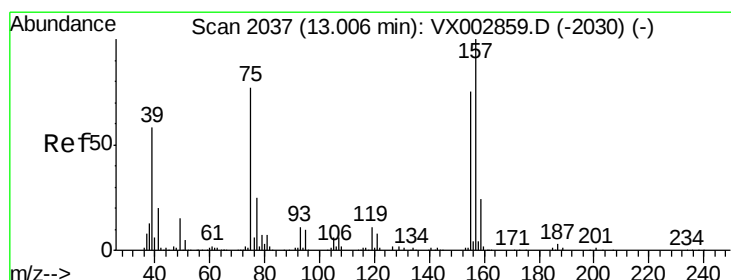
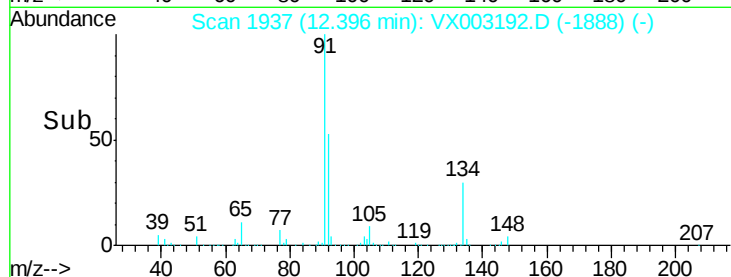
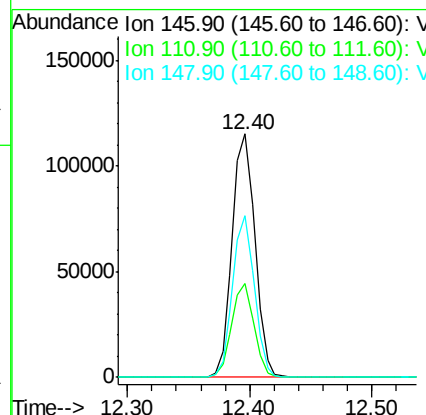
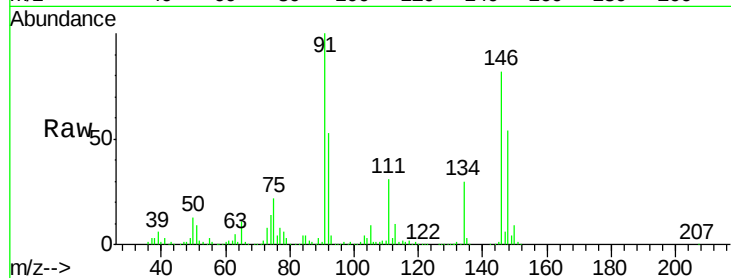




#91
 1,2-Dichlorobenzene
 Concen: 19.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

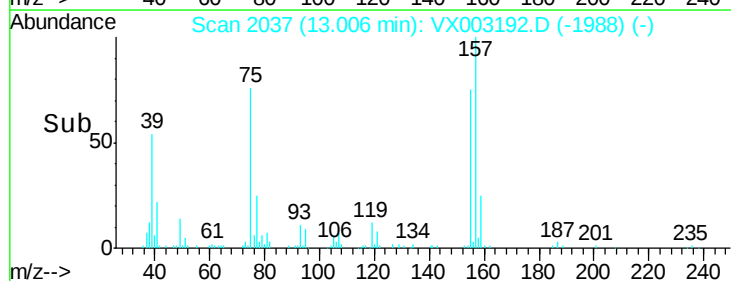
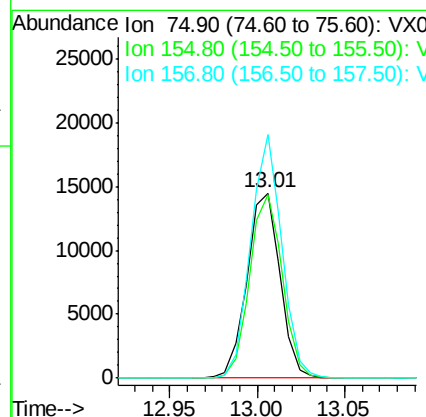
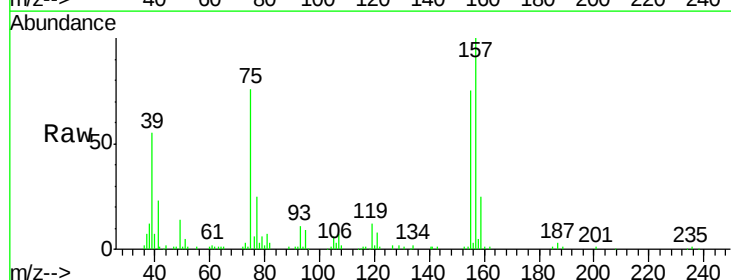
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 148665
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.1
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.50 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion: 75 Resp: 18946
 Ion Ratio Lower Upper
 75 100
 155 98.3 45.8 137.4
 157 124.1 60.1 180.3

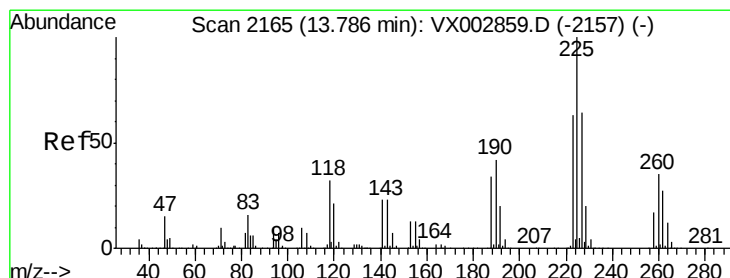
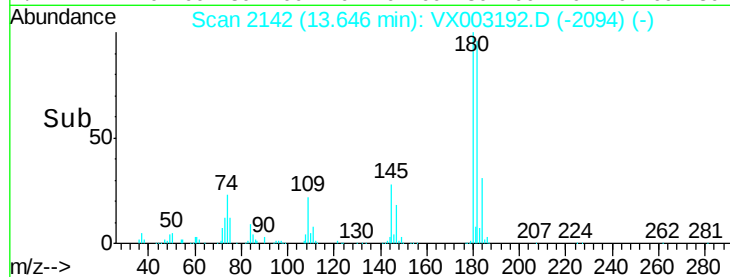
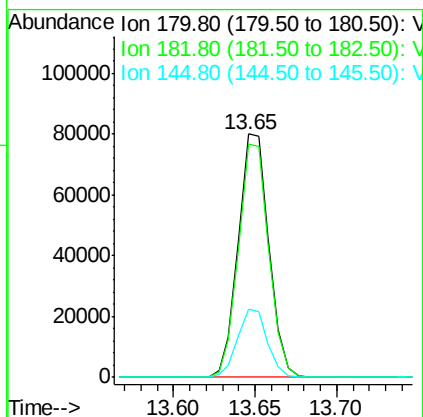
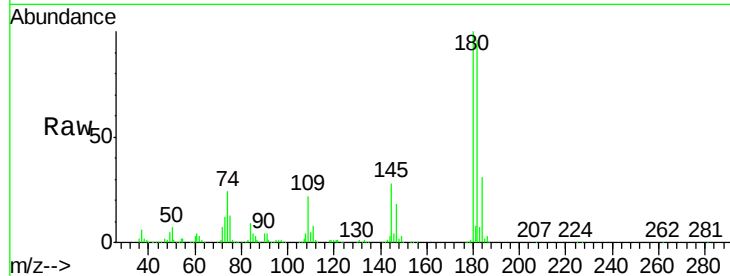




#93
 1,2,4-Trichlorobenzene
 Concen: 18.48 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

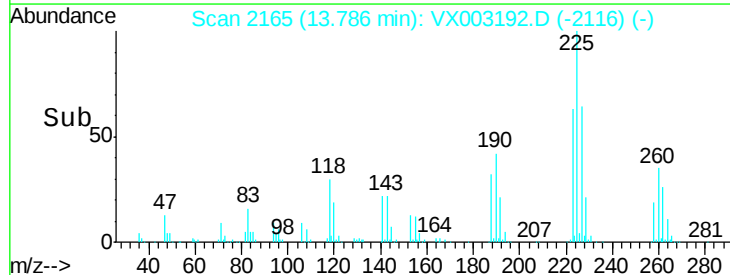
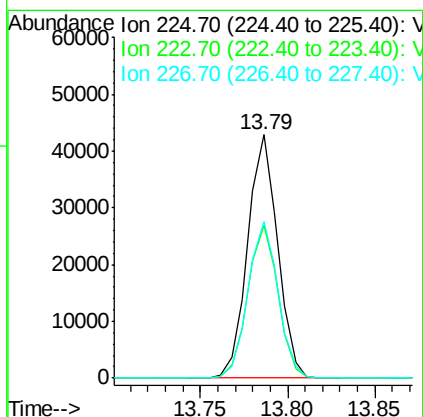
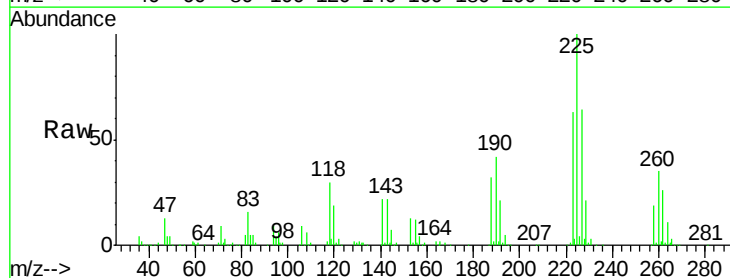
Instrument :
 MSVOA_X
 ClientSampleId :

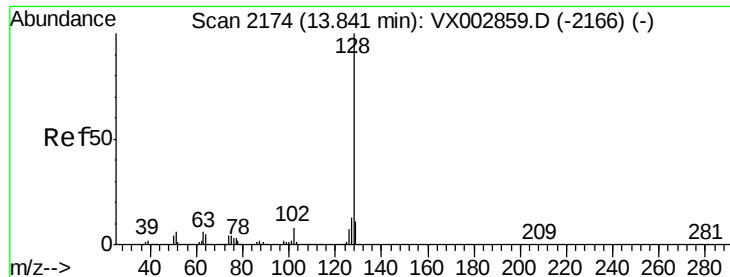
Tot Ion:180 Resp: 104398
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003192.D
 Acq: 06 Jul 2018 01:00

Tgt Ion:225 Resp: 51047
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 64.3 32.4 97.2





#95

Naphthalene

Concen: 19.92 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

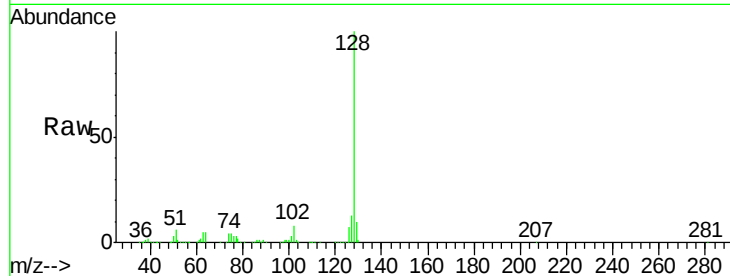
Tot Ion:128 Resp: 299735

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

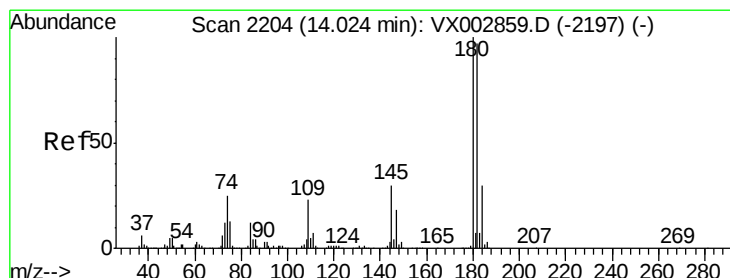
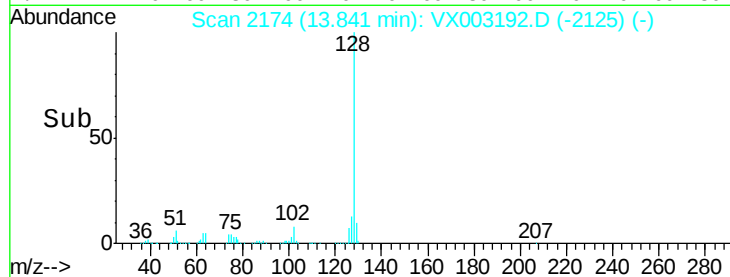
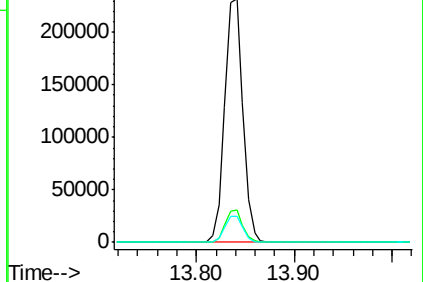
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.27 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003192.D

Acq: 06 Jul 2018 01:00

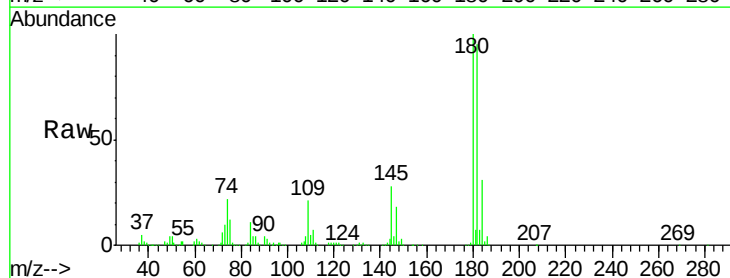
Tgt Ion:180 Resp: 108740

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

145 28.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

