

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002895.D
 Acq On : 26 Jun 2018 13:42
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:37:12 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	266518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215217	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183650	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
35) Dibromofluoromethane	5.51	113	145274	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	8.72	98	533528	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	198791	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45398	18.89	ug/l	98
3) Chloromethane	1.32	50	48424	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	54872	18.21	ug/l	# 89
5) Bromomethane	1.64	94	25610	16.37	ug/l	97
6) Chloroethane	1.73	64	36248	19.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	98885	19.45	ug/l	97
8) Diethyl Ether	2.19	74	34846	18.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55707	18.91	ug/l	100
10) Methyl Iodide	2.51	142	36960	17.06	ug/l	99
11) Tert butyl alcohol	3.07	59	76145	103.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50082	19.05	ug/l	94
13) Acrolein	2.29	56	37660	95.23	ug/l	99
14) Allyl chloride	2.73	41	100713	19.44	ug/l	99
15) Acrylonitrile	3.15	53	154296	98.44	ug/l	100
16) Acetone	2.45	43	167701	109.93	ug/l	98
17) Carbon Disulfide	2.57	76	131865	18.83	ug/l	98
18) Methyl Acetate	2.78	43	91243	21.39	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	184011	19.47	ug/l	96
20) Methylene Chloride	2.86	84	55883	18.82	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52687	18.40	ug/l	97
22) Diisopropyl ether	3.87	45	191286	19.31	ug/l	95
23) Vinyl Acetate	3.82	43	806696	96.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104760	19.46	ug/l	99
25) 2-Butanone	4.71	43	232536	102.71	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85294	19.49	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61430	19.14	ug/l	100
28) Bromochloromethane	5.03	49	50857	19.74	ug/l	96
29) Tetrahydrofuran	5.17	42	141914	97.74	ug/l	97
30) Chloroform	5.22	83	107457	19.45	ug/l	99
31) Cyclohexane	5.57	56	86756	18.78	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	94591	19.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75267	18.93	ug/l	99
37) Ethyl Acetate	4.87	43	85351	19.94	ug/l	98
38) Carbon Tetrachloride	5.79	117	84407	19.35	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:37:12 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	88677	19.15	ug/l	97
40) Benzene	6.15	78	224452	19.43	ug/l	97
41) Methacrylonitrile	5.07	41	48046	19.49	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91392	19.59	ug/l	100
43) Isopropyl Acetate	6.47	43	136979	19.08	ug/l	99
44) Trichloroethene	7.22	130	65803	19.11	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60143	19.63	ug/l	99
46) Dibromomethane	7.67	93	40807	19.19	ug/l	97
47) Bromodichloromethane	7.90	83	77927	19.82	ug/l	100
48) Methyl methacrylate	7.78	41	72390	19.57	ug/l	97
49) 1,4-Dioxane	7.76	88	28866	401.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	451890	100.61	ug/l	99
52) Toluene	8.79	92	145672	19.69	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88407	19.86	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80496	18.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	61276	20.15	ug/l	97
56) Ethyl methacrylate	9.18	69	86346	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	97710	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229341	106.97	ug/l	98
59) 2-Hexanone	9.50	43	354528	103.85	ug/l	99
60) Dibromochloromethane	9.59	129	62870	19.64	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62445	19.58	ug/l	100
64) Tetrachloroethene	9.34	164	72992	18.84	ug/l	98
65) Chlorobenzene	10.14	112	167712	18.95	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	62810	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	284550	19.46	ug/l	98
68) m/p-Xylenes	10.36	106	218956	38.86	ug/l	100
69) o-Xylene	10.70	106	107136	19.53	ug/l	98
70) Styrene	10.71	104	174164	19.54	ug/l	99
71) Bromoform	10.86	173	48754	19.38	ug/l	100
73) Isopropylbenzene	11.02	105	290935	20.09	ug/l	100
74) N-amyl acetate	6.47	43	136979	19.34	ug/l #	98
75) 1,1,1,2-Tetrachloroethane	11.27	83	90283	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	98503	25.27	ug/l	80
77) Bromobenzene	11.26	156	80399	19.50	ug/l	97
78) n-propylbenzene	11.37	91	332816	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	199835	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	245434	20.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21648	18.39	ug/l	96
82) 4-Chlorotoluene	11.51	91	231531	19.60	ug/l	99
83) tert-Butylbenzene	11.77	119	242879	20.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254916	20.18	ug/l	99
85) sec-Butylbenzene	11.95	105	293257	20.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	264464	20.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148063	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148248	19.13	ug/l	99
89) n-Butylbenzene	12.39	91	224438	19.67	ug/l	100
90) Hexachloroethane	12.60	117	36396	18.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145679	19.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19070	19.02	ug/l	97

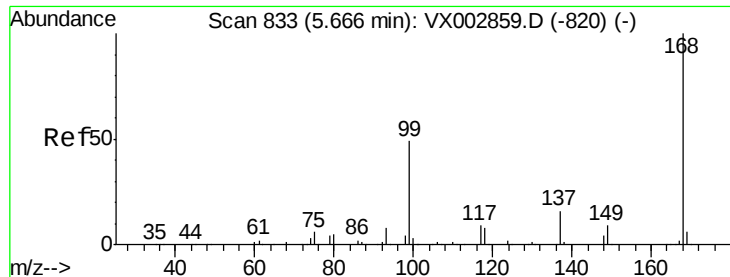
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
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ClientSampleId :

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Quant Method : Z:\V0ASRV\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	107017	19.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	52527	19.04	ug/l	99
95) Naphthalene	13.84	128	295516	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109159	19.76	ug/l	100

(#) = 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: VX002895.D

Acq: 26 Jun 2018 13:42

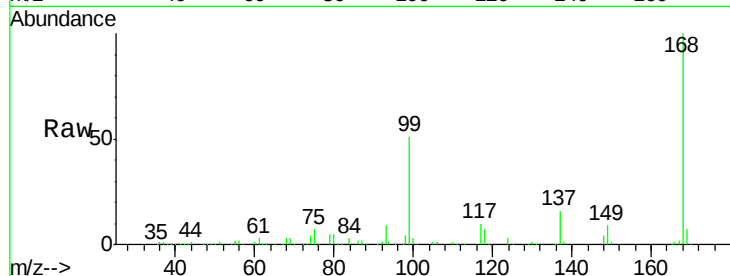
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 266518

Ion Ratio Lower Upper

168 100

99 50.6 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

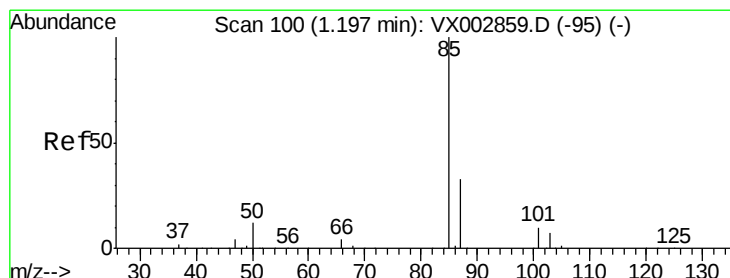
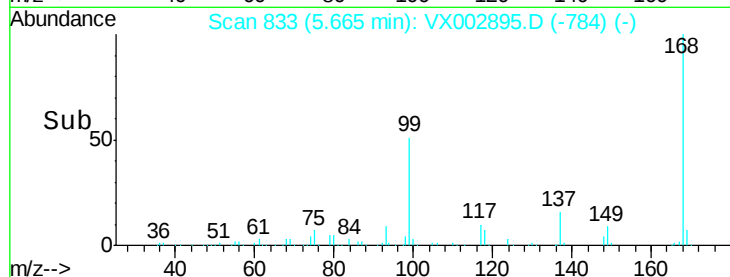
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002895.D

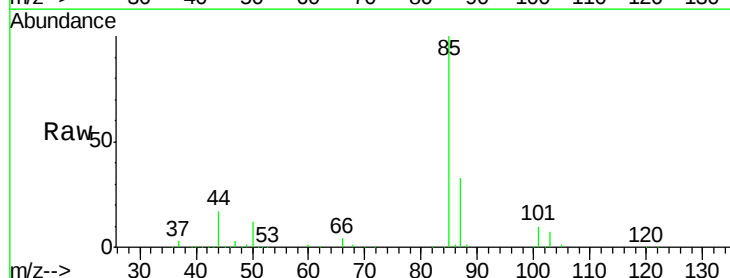
Acq: 26 Jun 2018 13:42

Tgt Ion: 85 Resp: 45398

Ion Ratio Lower Upper

85 100

87 33.3 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

50000

40000

30000

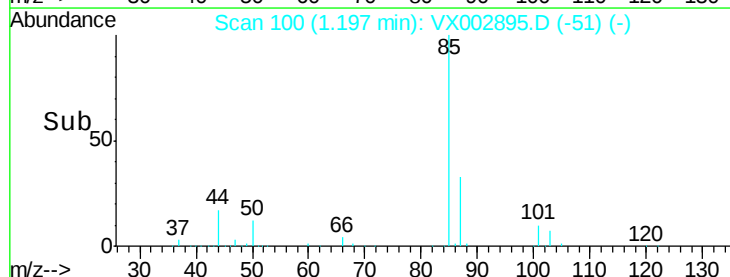
20000

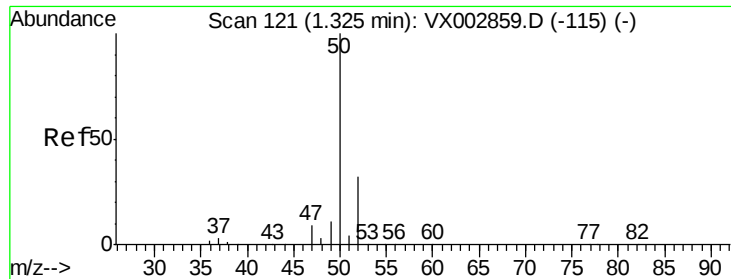
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

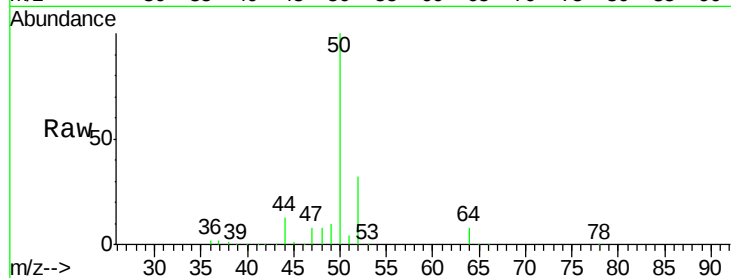
ClientSampled :

Tot Ion: 50 Resp: 48424

Ion Ratio Lower Upper

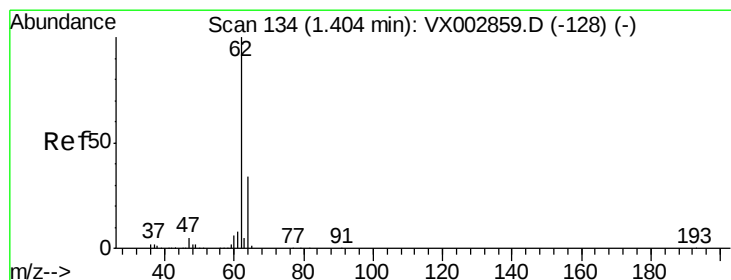
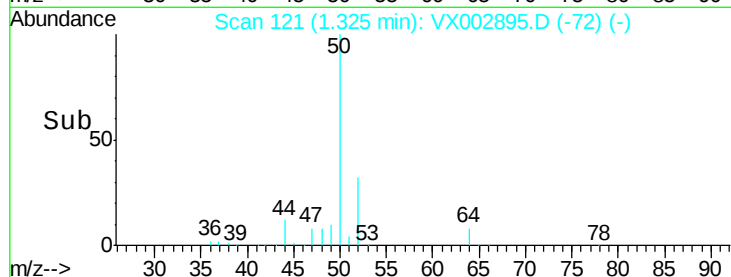
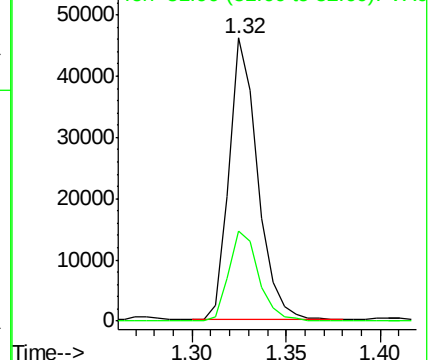
50 100

52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002895.D

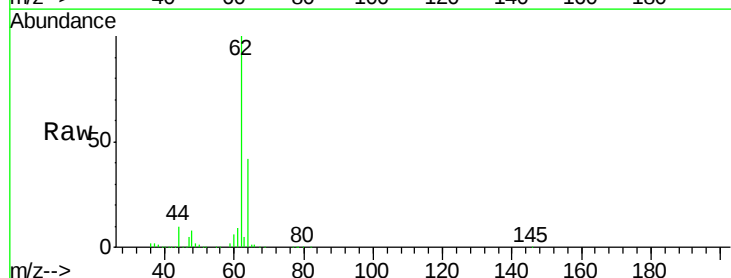
Acq: 26 Jun 2018 13:42

Tgt Ion: 62 Resp: 54872

Ion Ratio Lower Upper

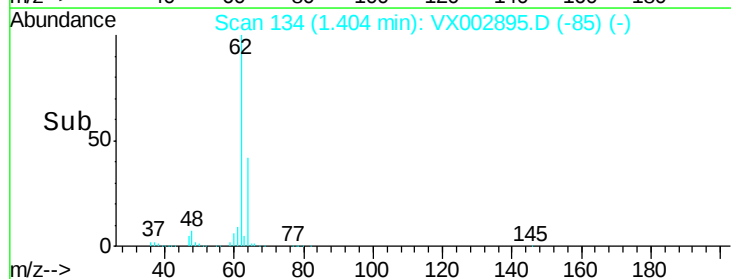
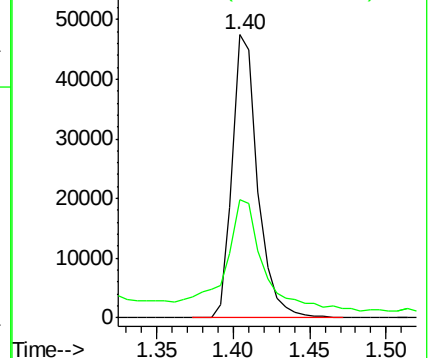
62 100

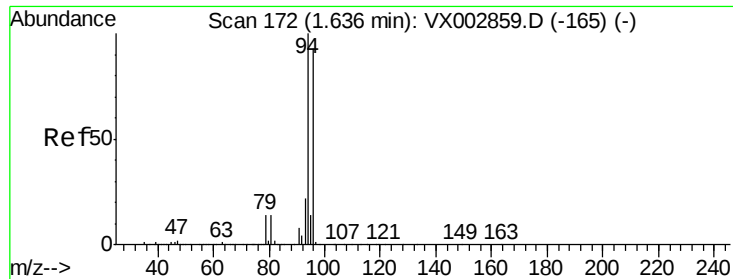
64 38.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

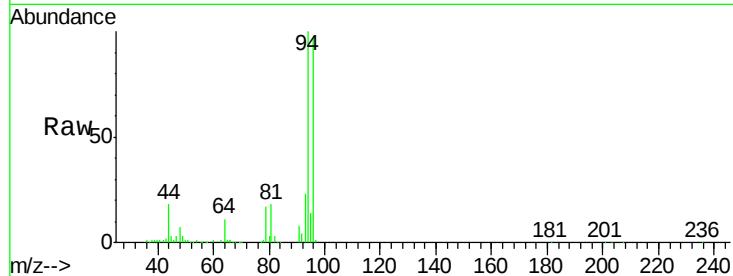
ClientSampleId :

Tot Ion: 94 Resp: 25610

Ion Ratio Lower Upper

94 100

96 96.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

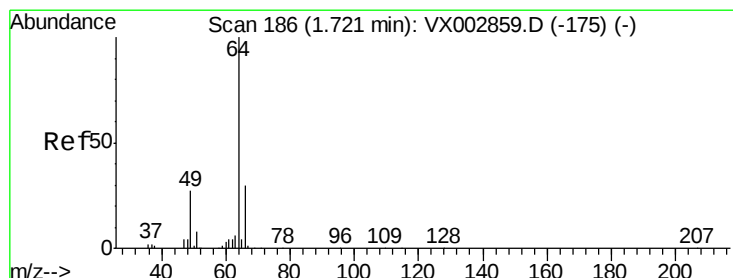
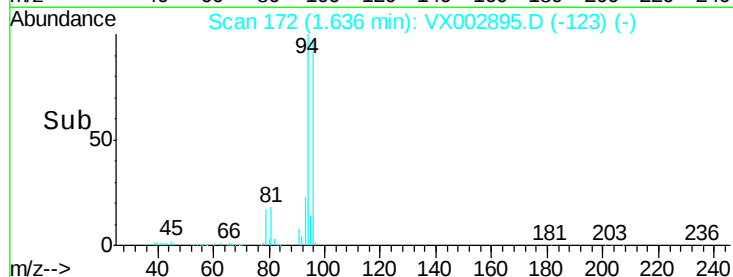
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002895.D

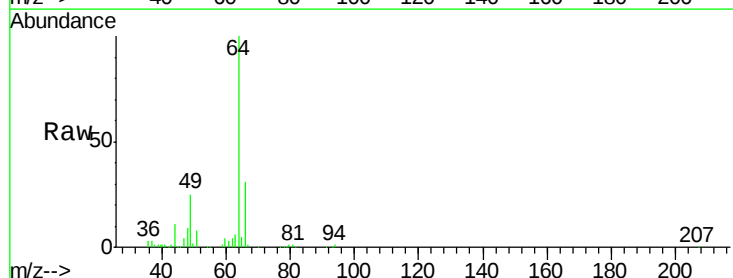
Acq: 26 Jun 2018 13:42

Tgt Ion: 64 Resp: 36248

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

30000

25000

20000

15000

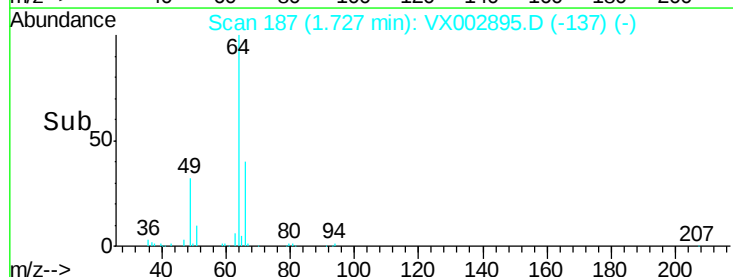
10000

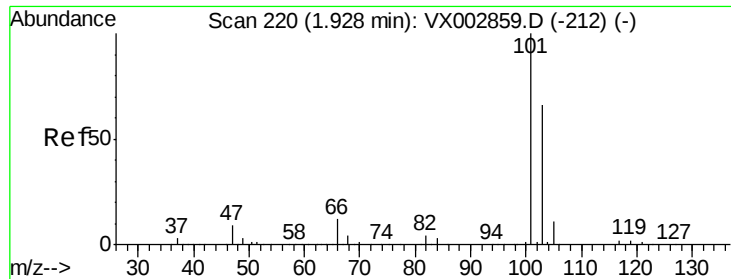
5000

0

Time-->

1.65 1.70 1.75 1.80



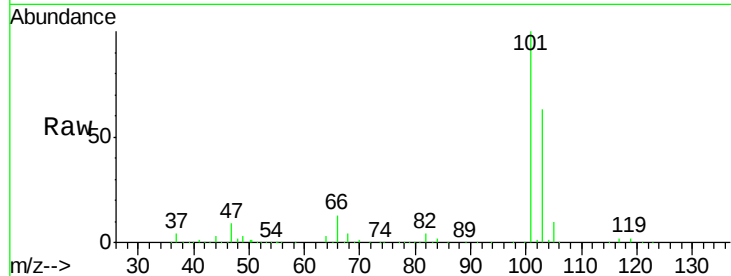


#7

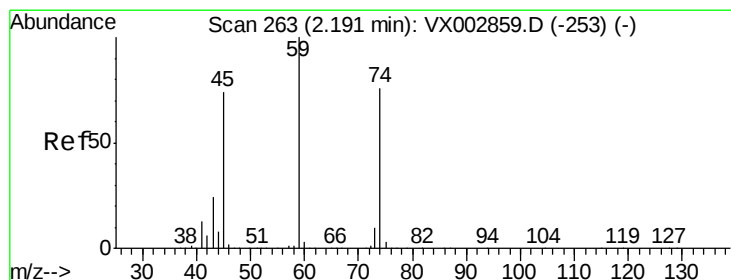
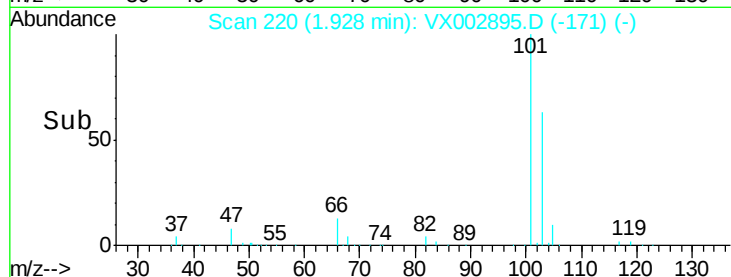
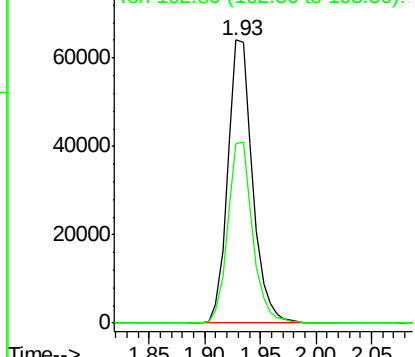
Trichlorofluoromethane
 Concen: 19.45 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 98885
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.8 79.2



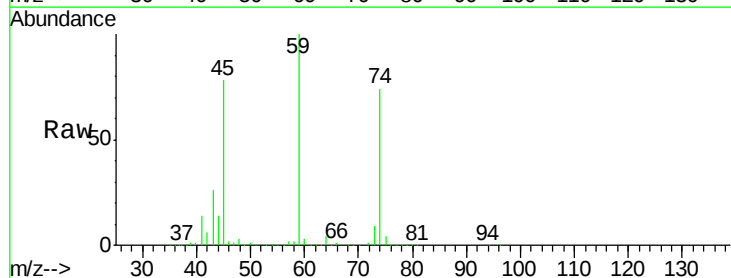
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



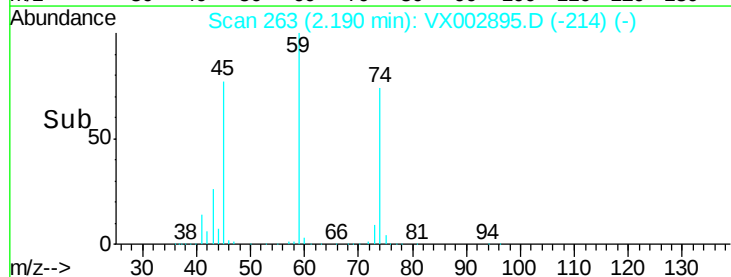
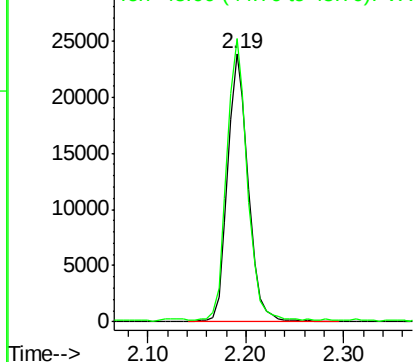
#8

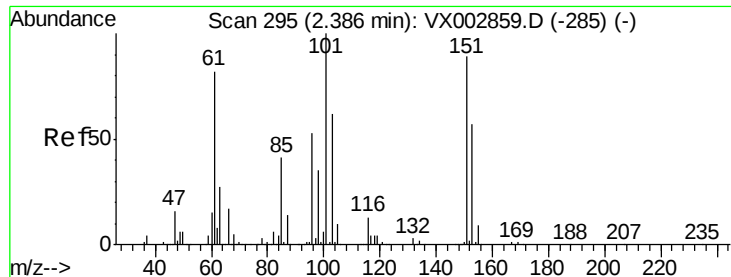
Diethyl Ether
 Concen: 18.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion: 74 Resp: 34846
 Ion Ratio Lower Upper
 74 100
 45 103.7 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

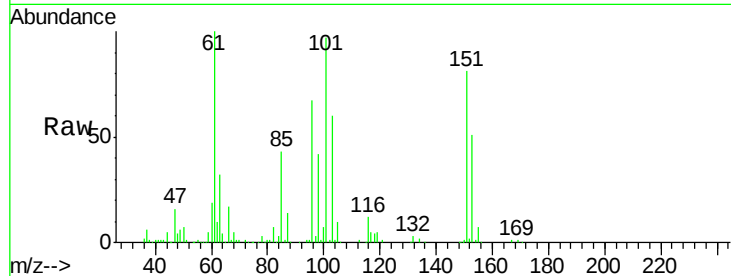
Tot Ion:101 Resp: 55707

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

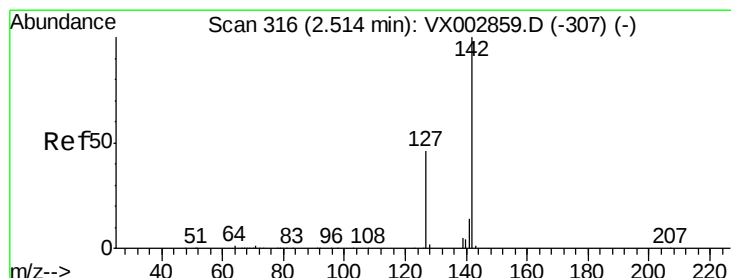
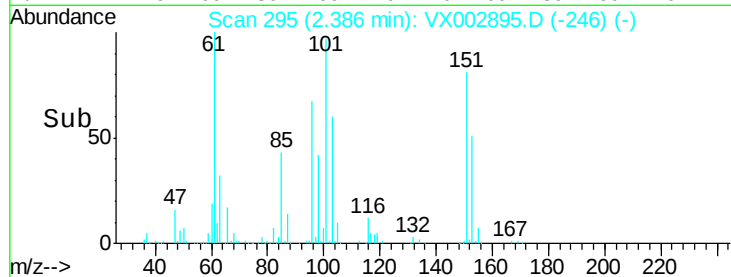
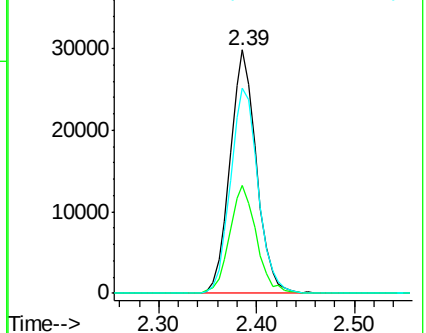
151 88.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.06 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

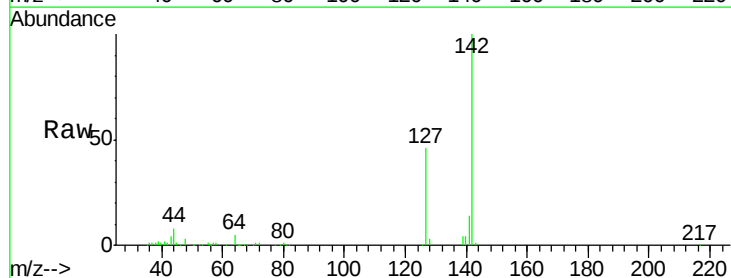
Tgt Ion:142 Resp: 36960

Ion Ratio Lower Upper

142 100

127 45.0 36.6 55.0

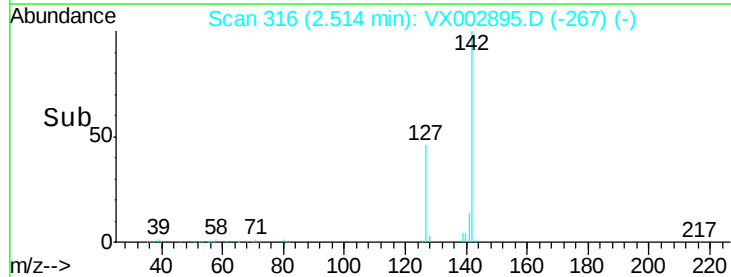
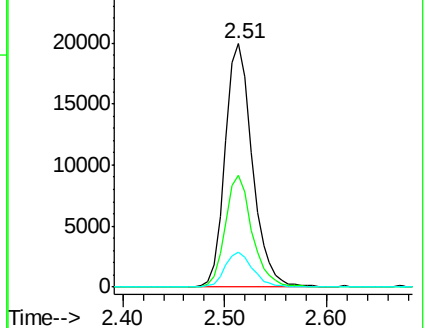
141 14.4 11.3 16.9

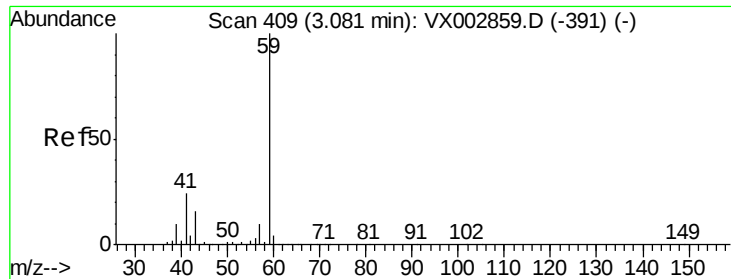


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



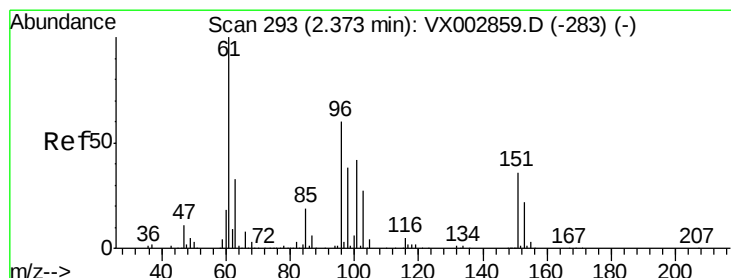
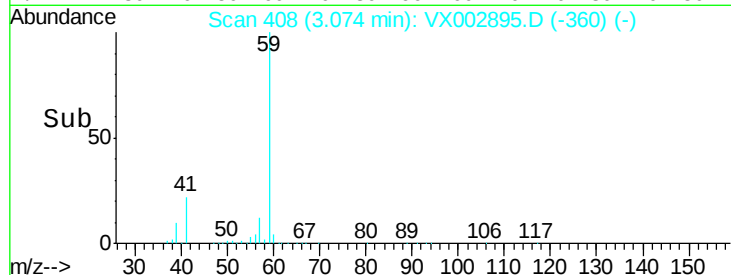
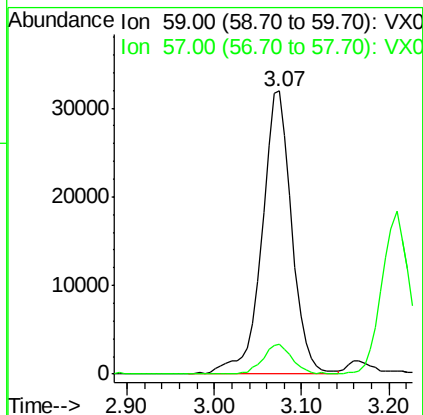
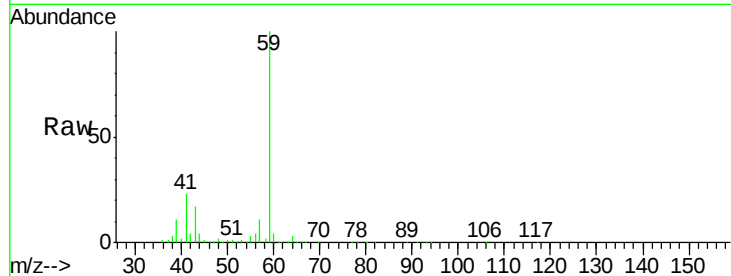


#11

Tert butyl alcohol
 Concen: 103.76 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampled :

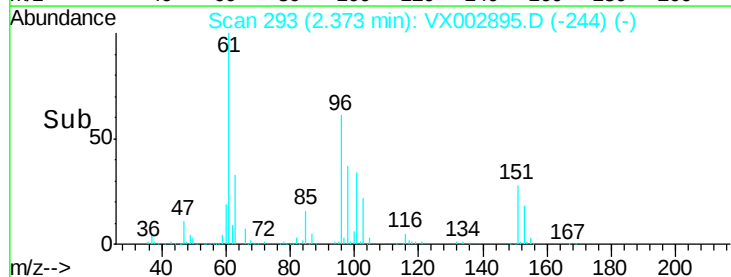
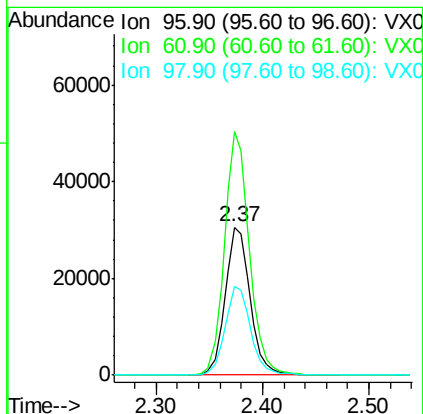
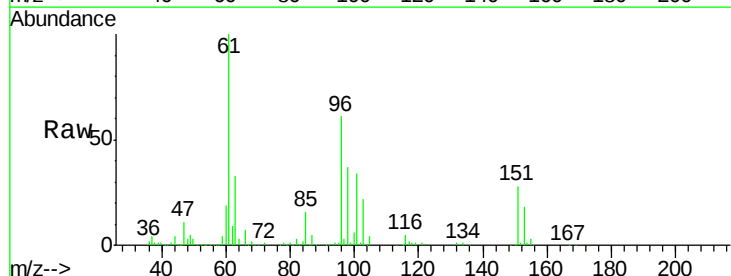
Tot Ion: 59 Resp: 76145
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

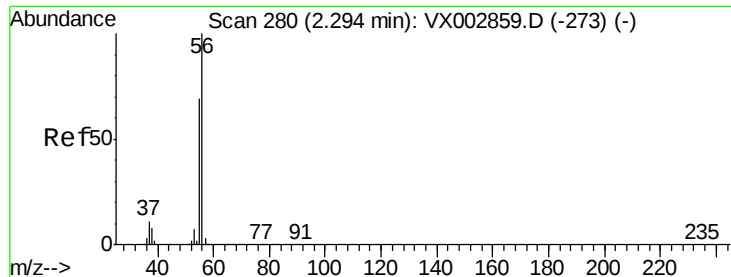


#12

1,1-Dichloroethene
 Concen: 19.05 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion: 96 Resp: 50082
 Ion Ratio Lower Upper
 96 100
 61 164.5 137.9 206.9
 98 60.3 51.6 77.4





#13

Acrolein

Concen: 95.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

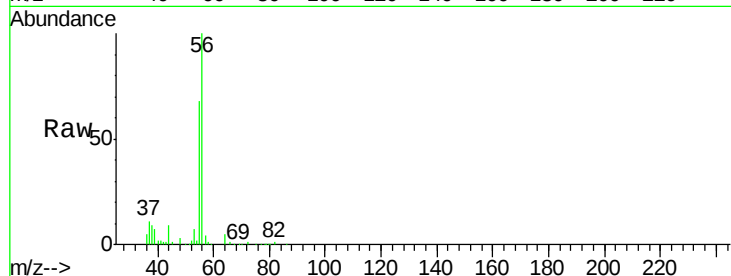
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 37660

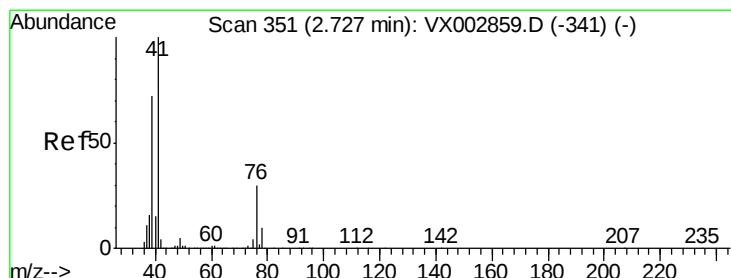
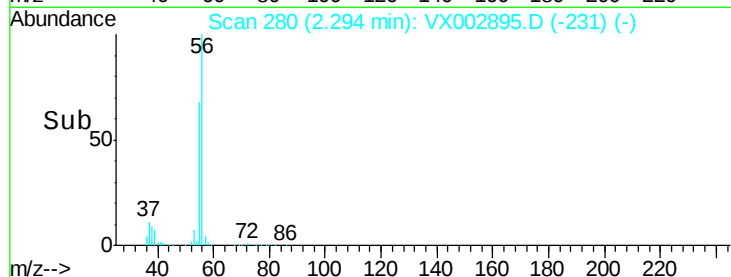
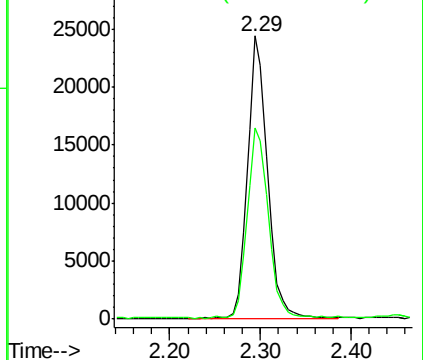
Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

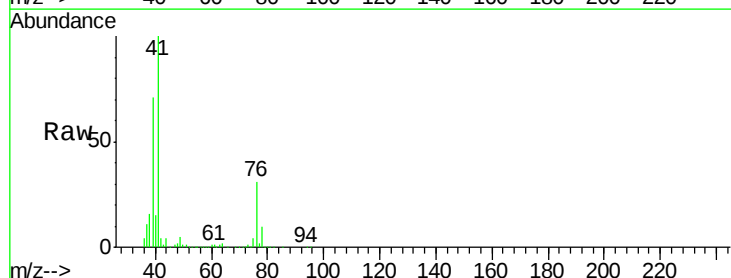
Tgt Ion: 41 Resp: 100713

Ion Ratio Lower Upper

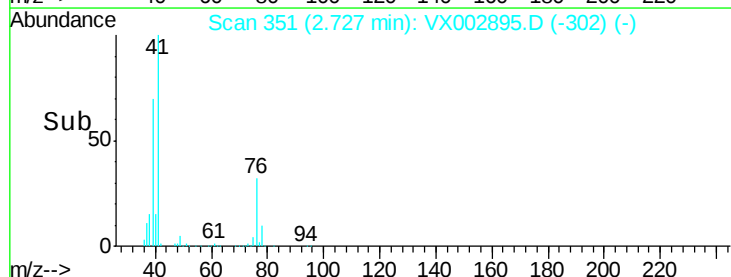
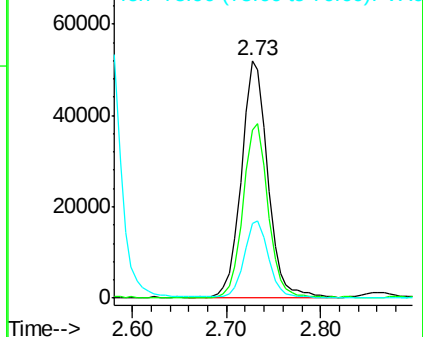
41 100

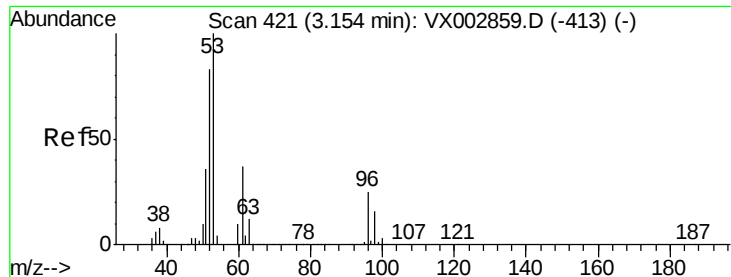
39 69.7 56.8 85.2

76 30.1 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

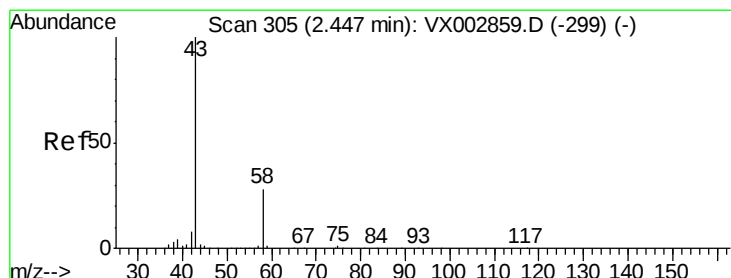
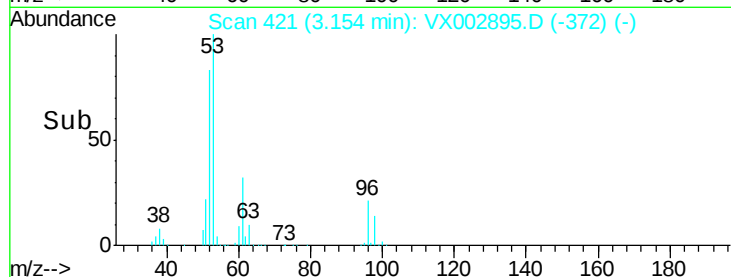
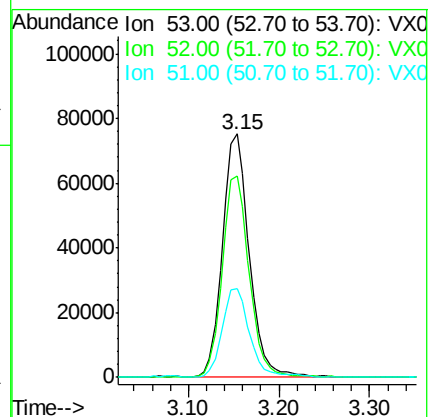
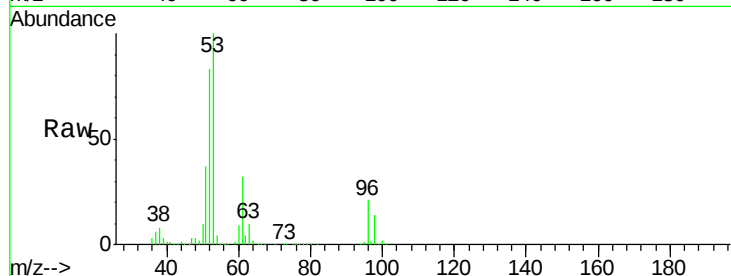
Tot Ion: 53 Resp: 154296

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 37.7 29.9 44.9



#16

Acetone

Concen: 109.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002895.D

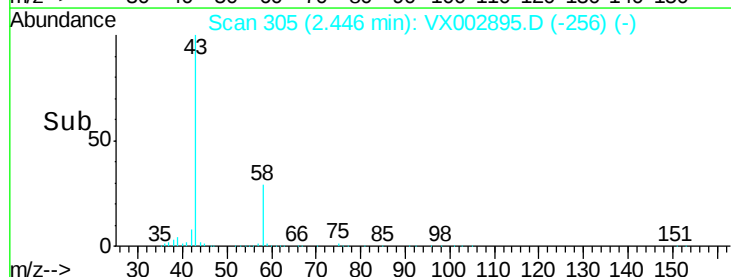
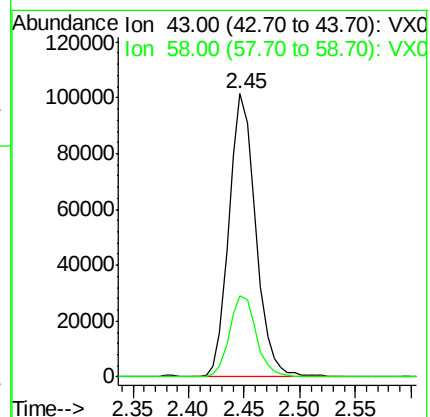
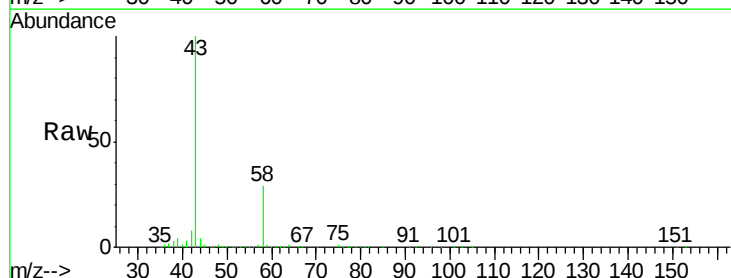
Acq: 26 Jun 2018 13:42

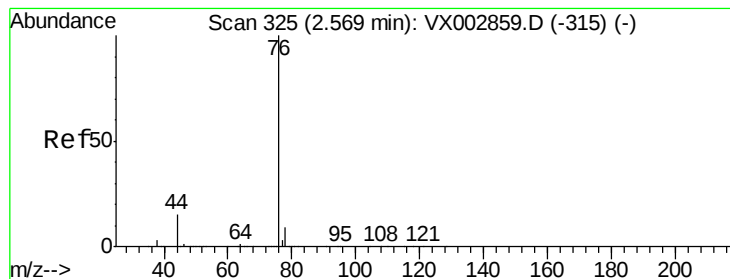
Tgt Ion: 43 Resp: 167701

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1





#17

Carbon Disulfide

Concen: 18.83 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

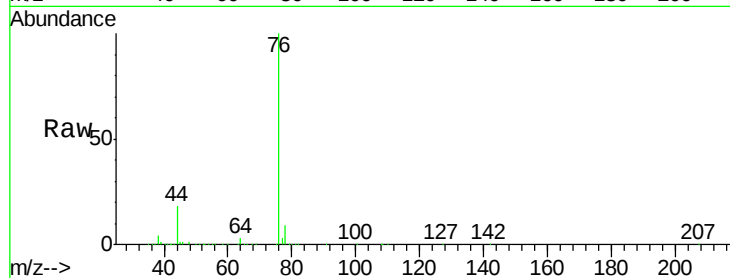
ClientSampleId :

Tot Ion: 76 Resp: 131865

Ion Ratio Lower Upper

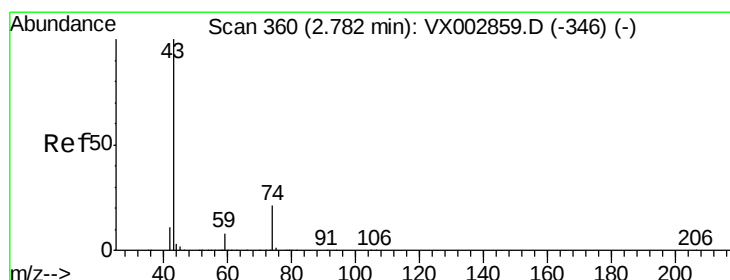
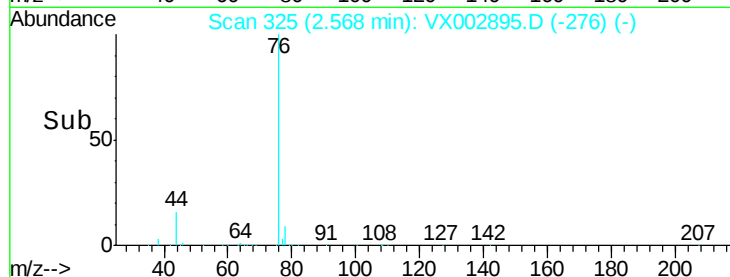
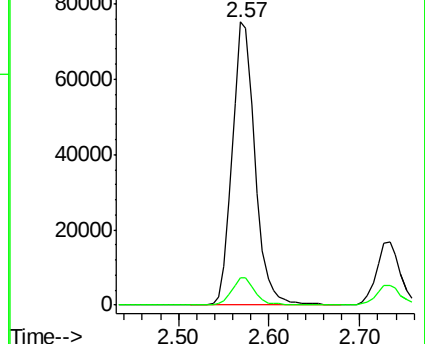
76 100

78 9.5 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: 21.39 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002895.D

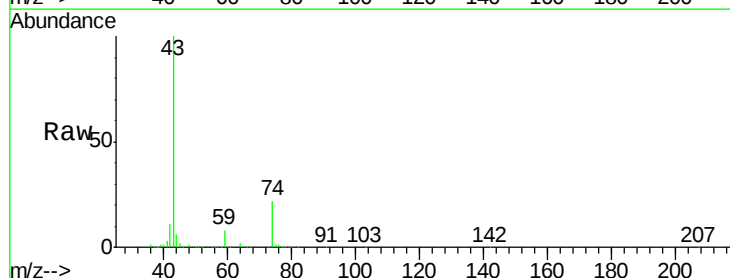
Acq: 26 Jun 2018 13:42

Tgt Ion: 43 Resp: 91243

Ion Ratio Lower Upper

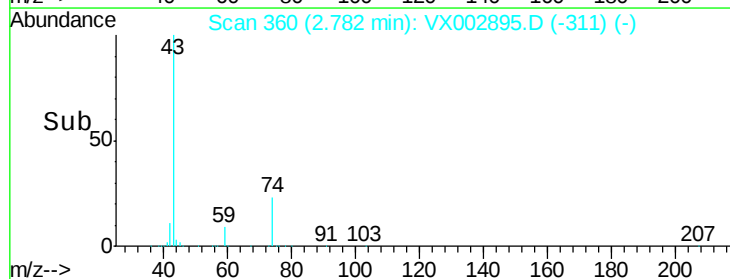
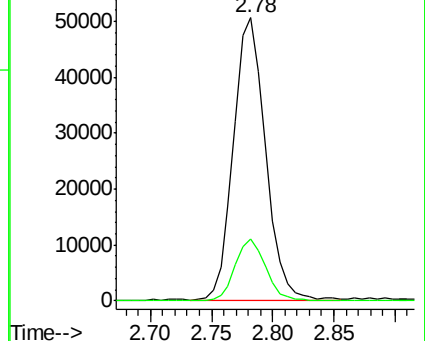
43 100

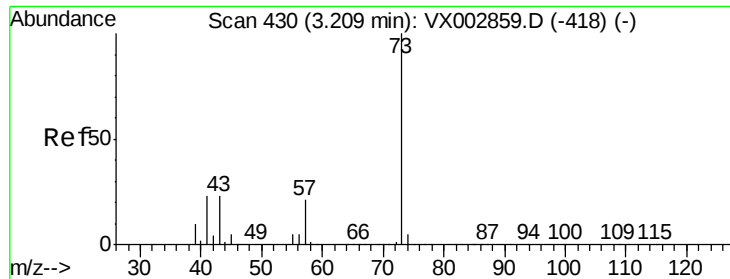
74 21.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

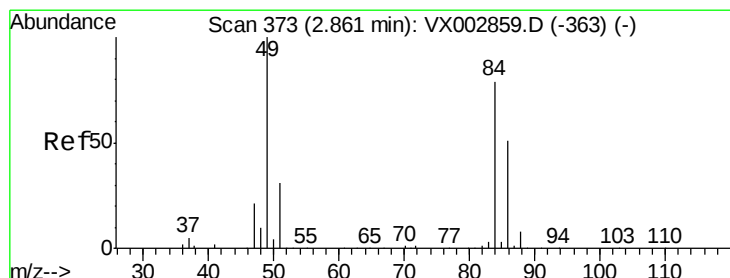
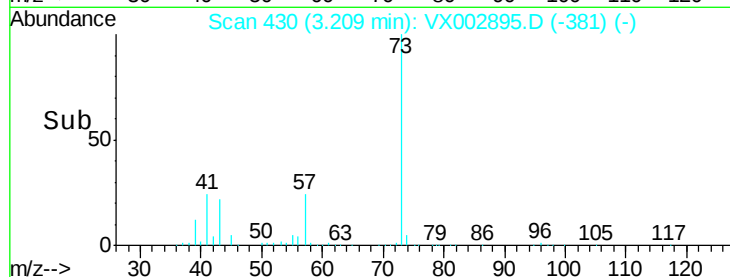
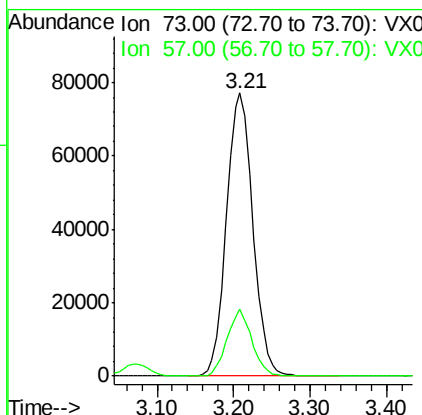
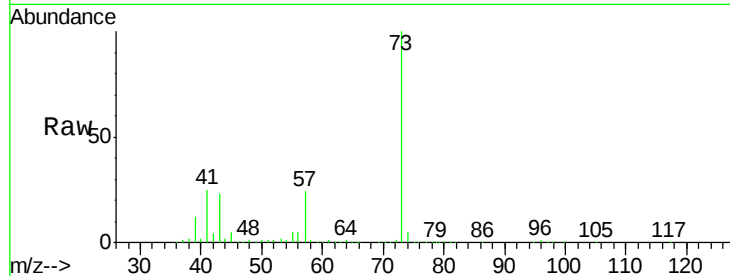




#19
Methvl tert-butvl Ether
Concen: 19.47 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

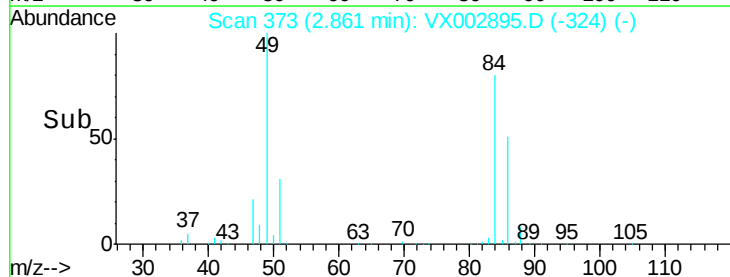
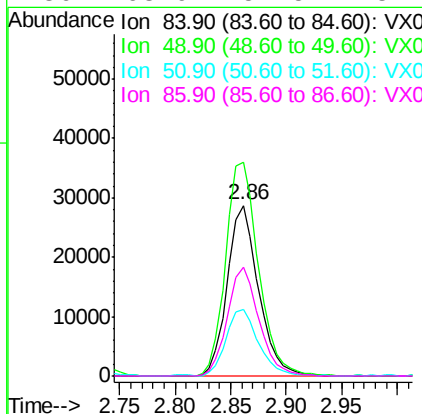
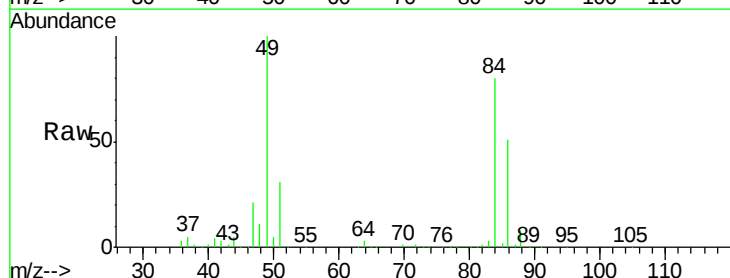
Instrument :
MSVOA_X
ClientSampleId :

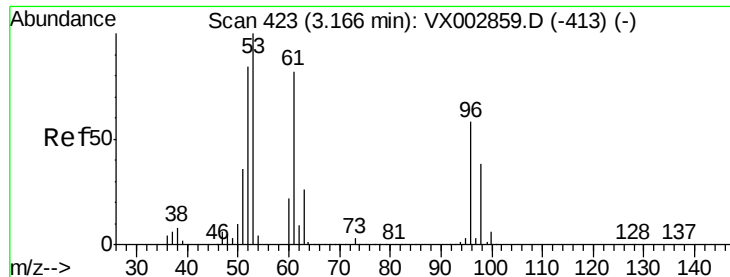
Tot Ion: 73 Resp: 184011
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5



#20
Methylene Chloride
Concen: 18.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 84 Resp: 55883
Ion Ratio Lower Upper
84 100
49 124.9 107.8 161.6
51 38.7 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.40 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

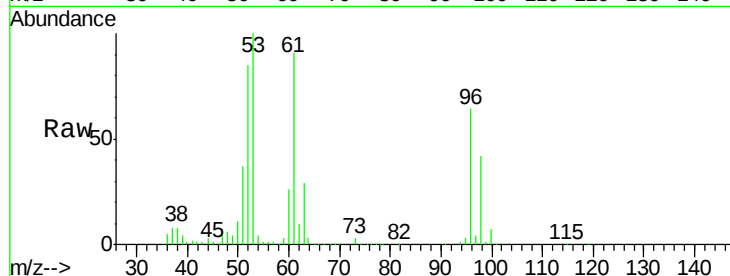
Tot Ion: 96 Resp: 52687

Ion Ratio Lower Upper

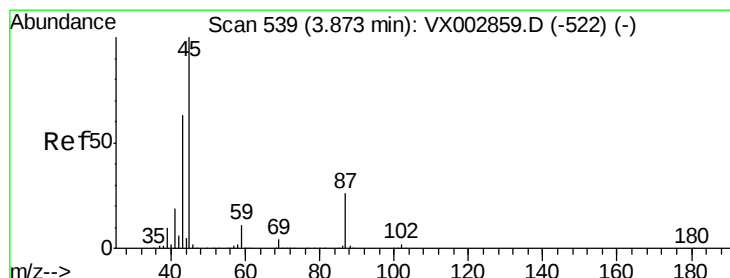
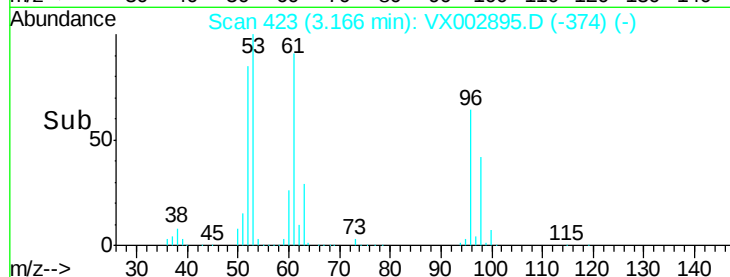
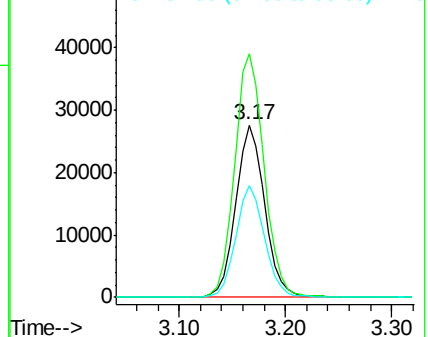
96 100

61 141.6 117.0 175.4

98 65.1 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: 19.31 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion: 45 Resp: 191286

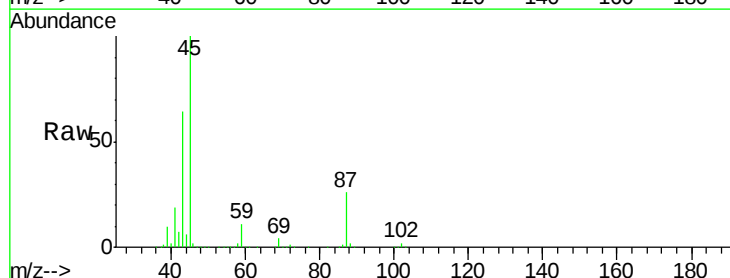
Ion Ratio Lower Upper

45 100

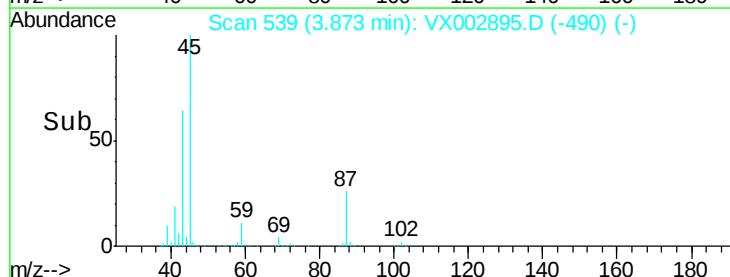
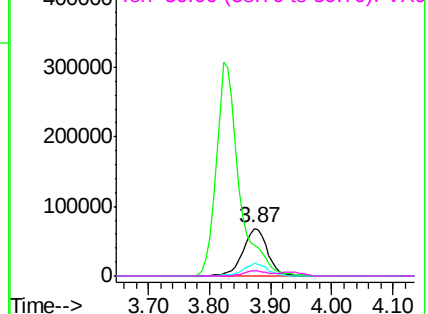
43 63.7 46.8 70.2

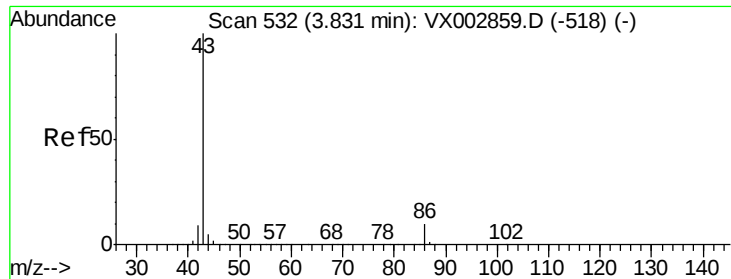
87 26.0 20.2 30.4

59 10.9 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: 96.19 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

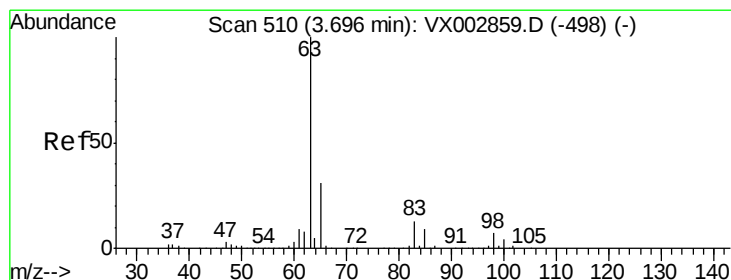
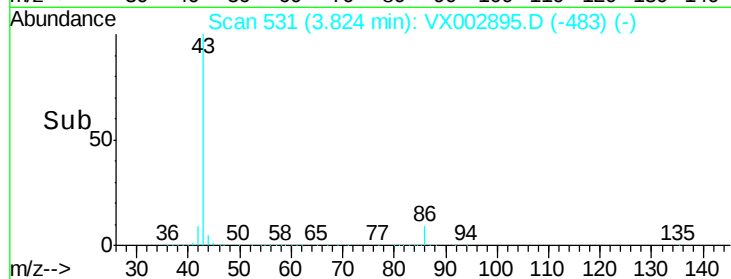
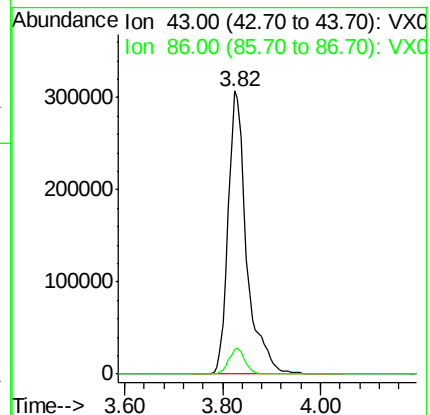
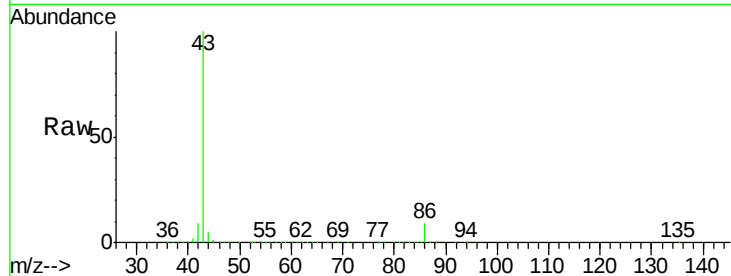
ClientSampleId :

Tot Ion: 43 Resp: 806696

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.46 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

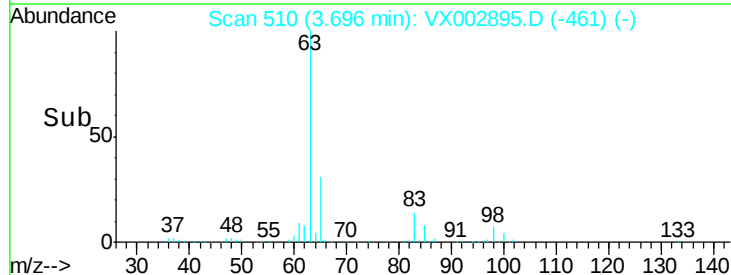
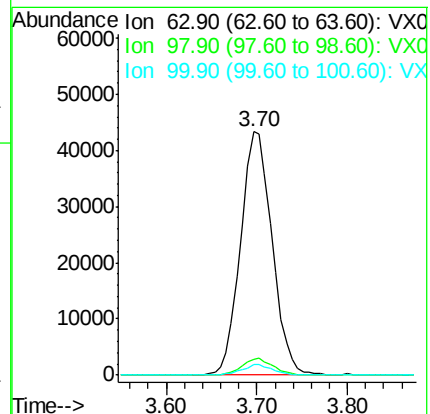
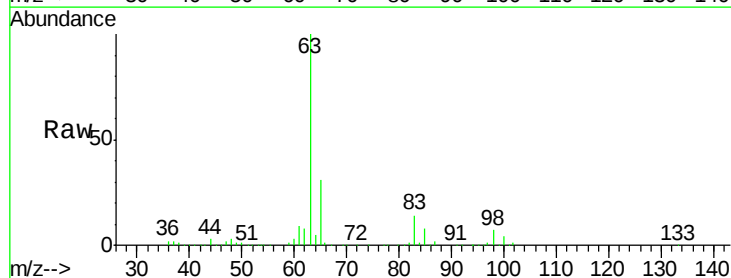
Tgt Ion: 63 Resp: 104760

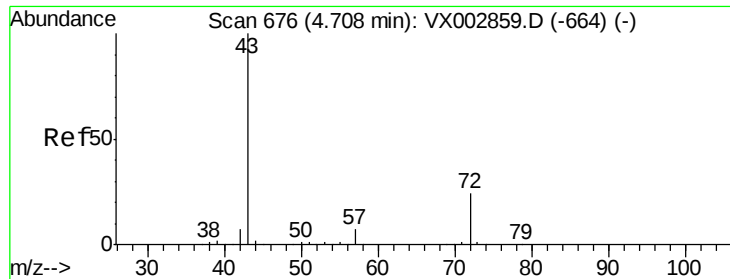
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 102.71 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

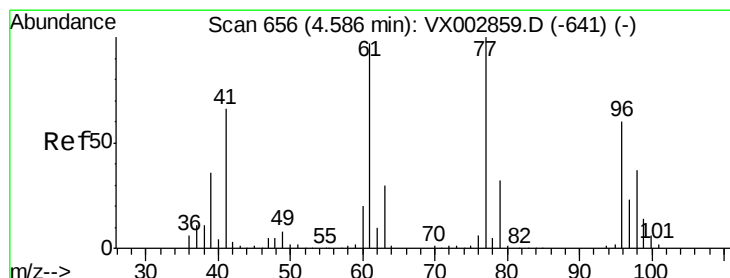
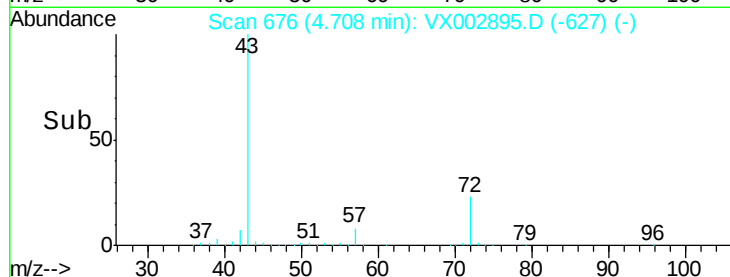
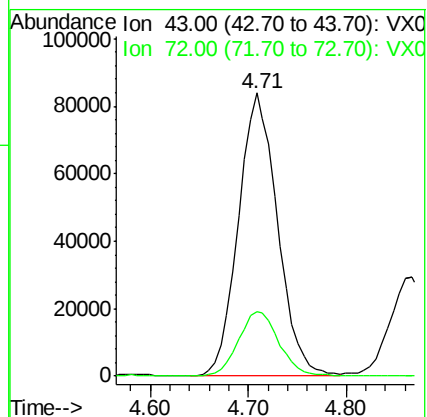
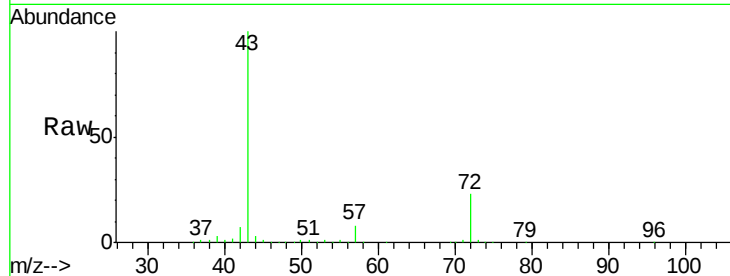
ClientSampleId :

Tot Ion: 43 Resp: 232536

Ion Ratio Lower Upper

43 100

72 22.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002895.D

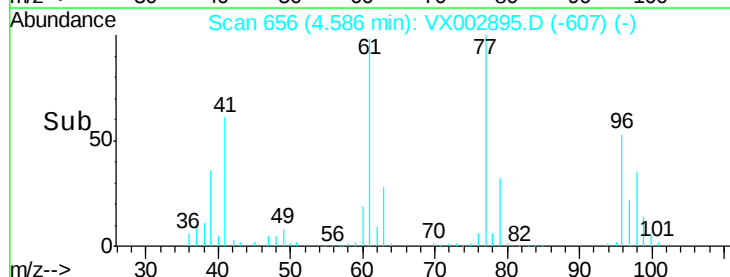
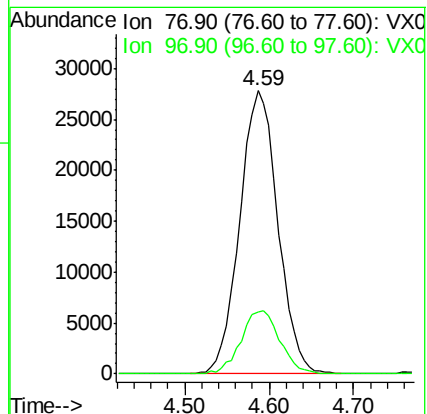
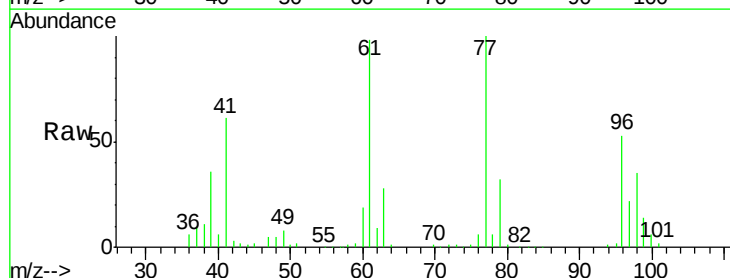
Acq: 26 Jun 2018 13:42

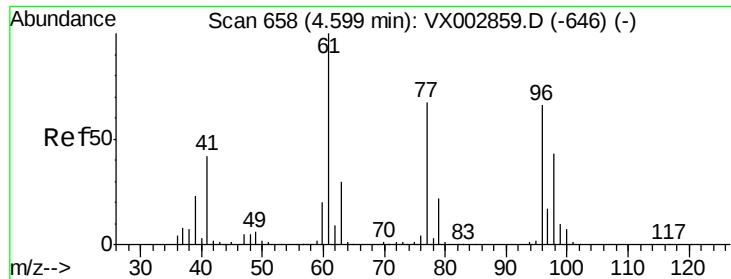
Tgt Ion: 77 Resp: 85294

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

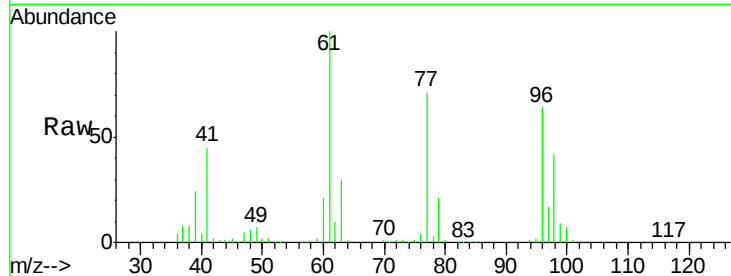
Tot Ion: 96 Resp: 61430

Ion Ratio Lower Upper

96 100

61 165.5 0.0 330.2

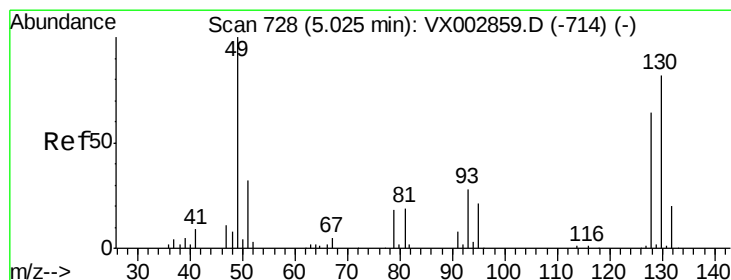
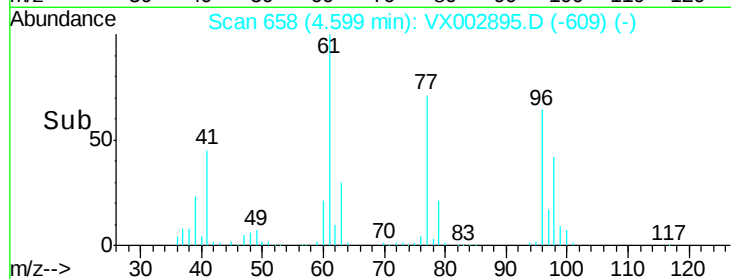
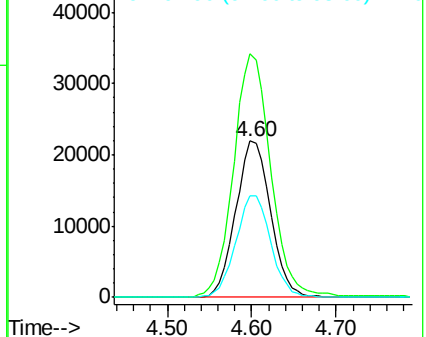
98 65.4 0.0 130.2



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: 19.74 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

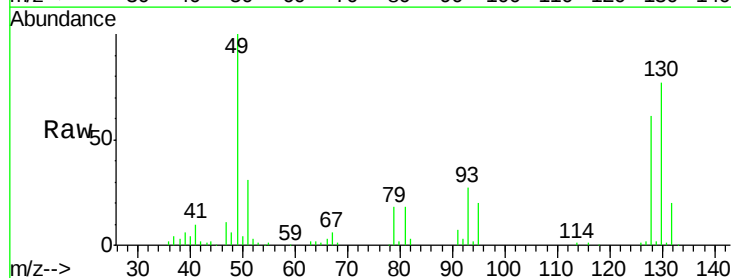
Tgt Ion: 49 Resp: 50857

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

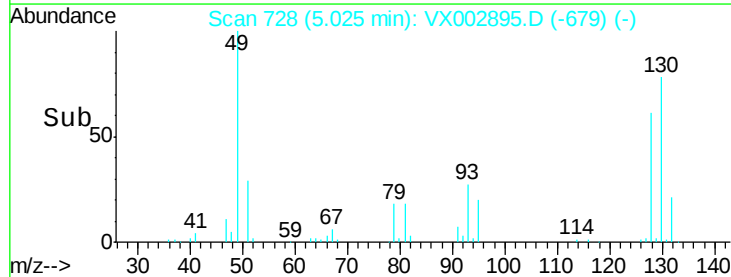
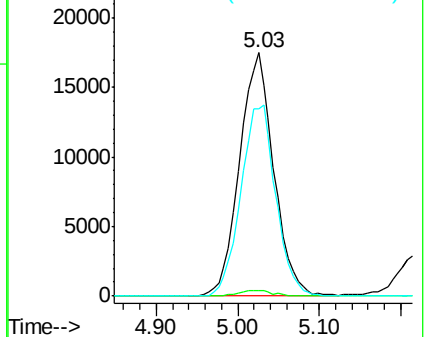
130 80.2 61.2 91.8

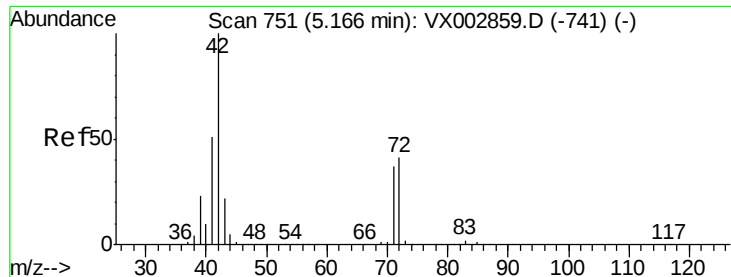


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

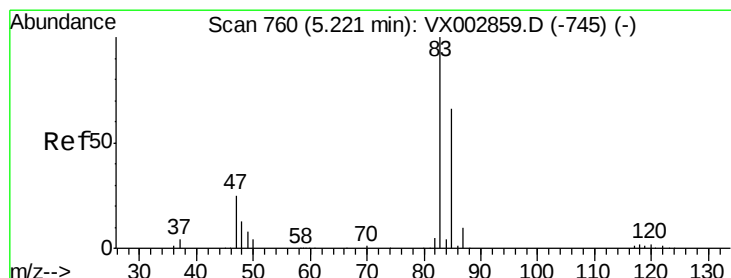
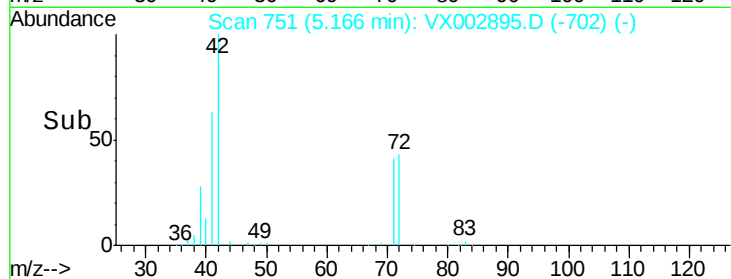
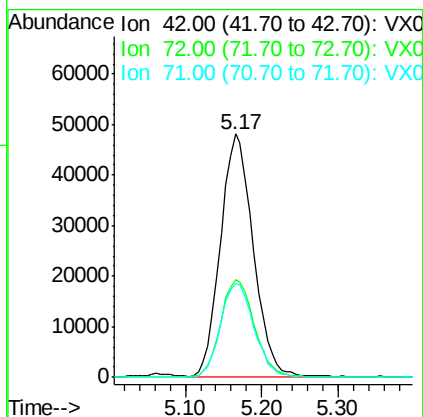
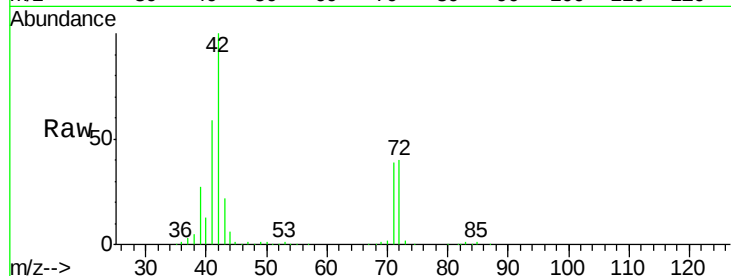




#29
Tetrahydrofuran
Concen: 97.74 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

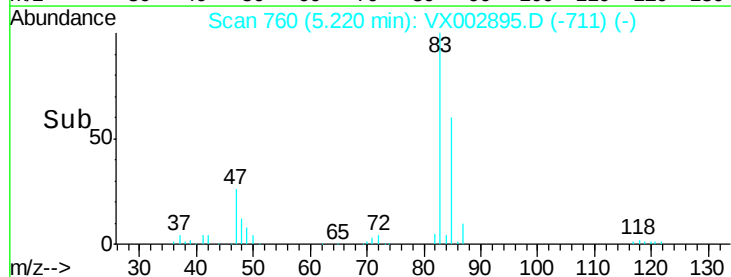
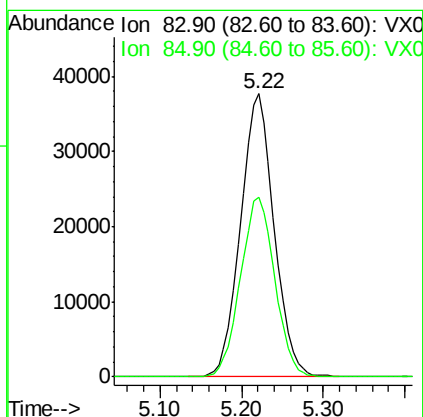
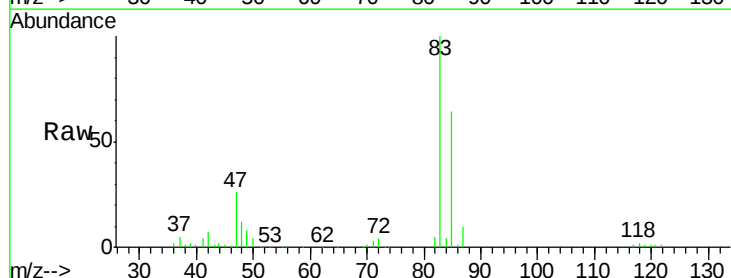
Instrument :
MSVOA_X
ClientSampleId :

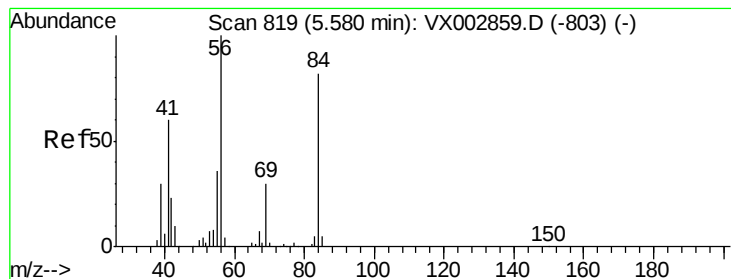
Tot Ion: 42 Resp: 141914
Ion Ratio Lower Upper
42 100
72 41.7 32.0 48.0
71 39.6 30.1 45.1



#30
Chloroform
Concen: 19.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 83 Resp: 107457
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 18.78 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

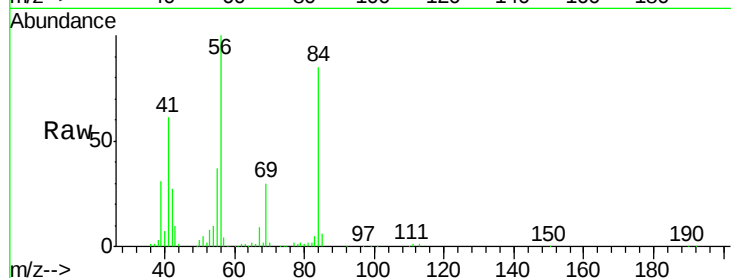
Tot Ion: 56 Resp: 86756

Ion Ratio Lower Upper

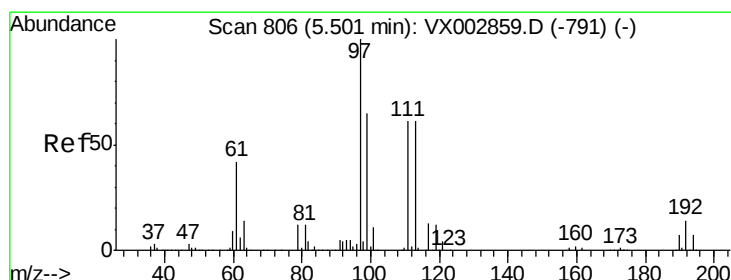
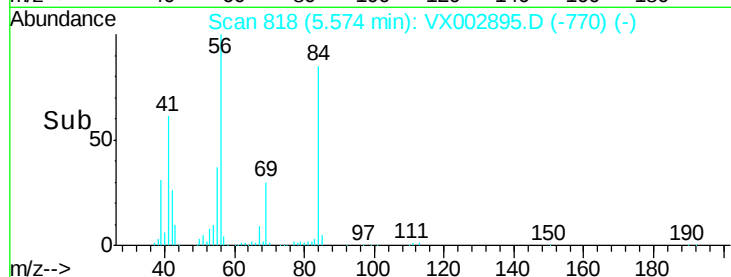
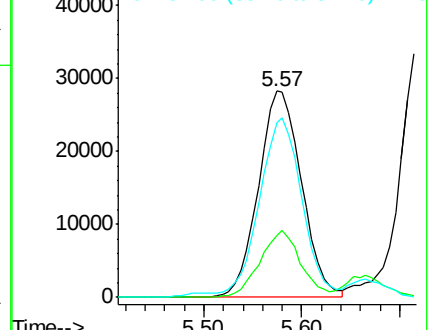
56 100

69 30.2 23.7 35.5

84 82.8 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: 19.46 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

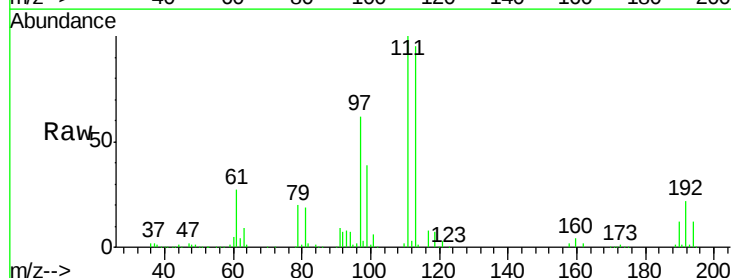
Tgt Ion: 97 Resp: 94591

Ion Ratio Lower Upper

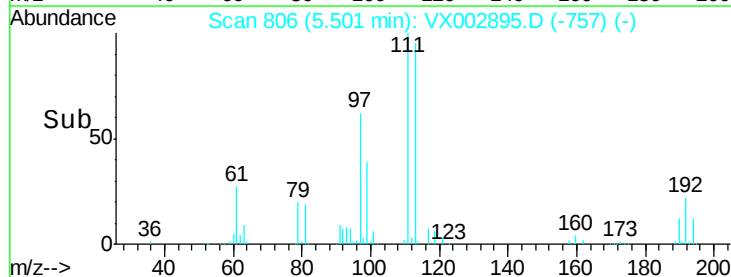
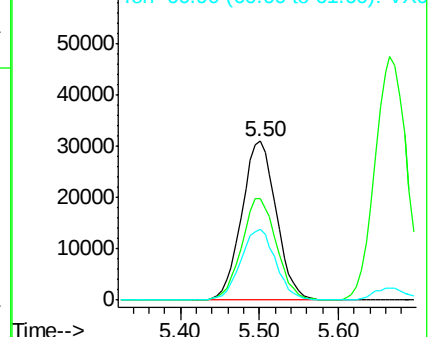
97 100

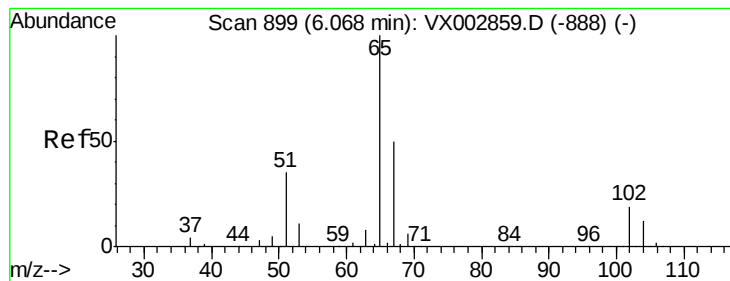
99 64.1 51.6 77.4

61 45.1 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: 49.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

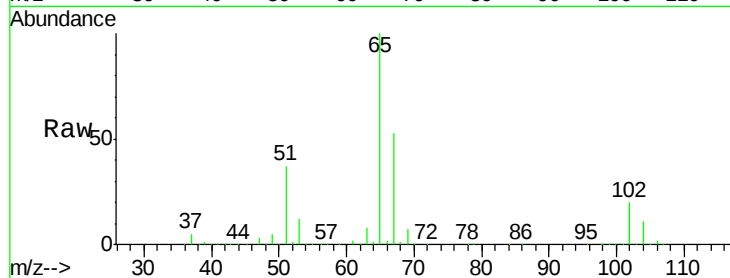
ClientSampleId :

Tot Ion: 65 Resp: 183650

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

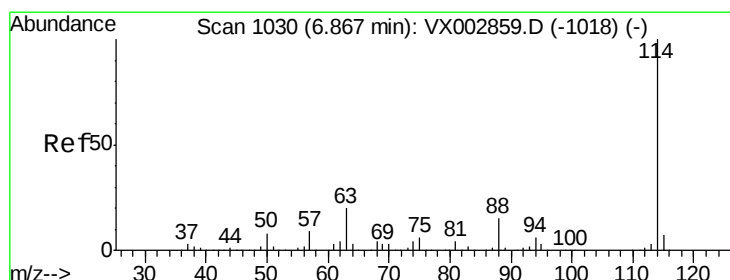
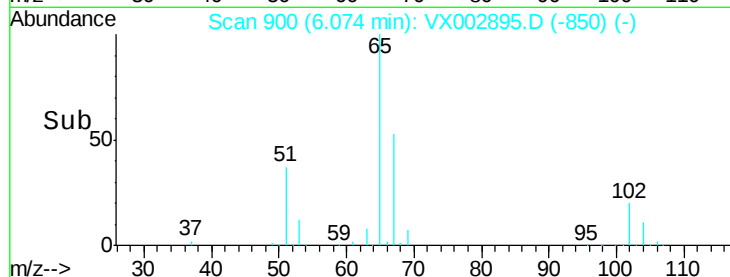
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

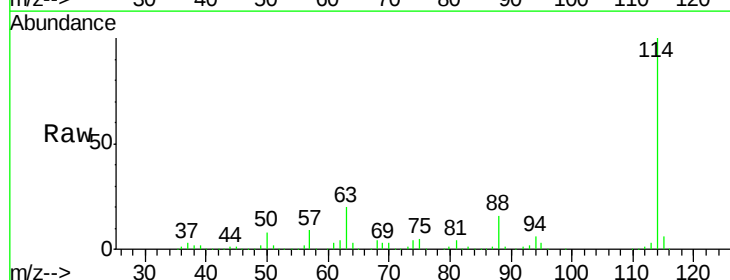
Tgt Ion: 114 Resp: 362536

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.6 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

200000

150000

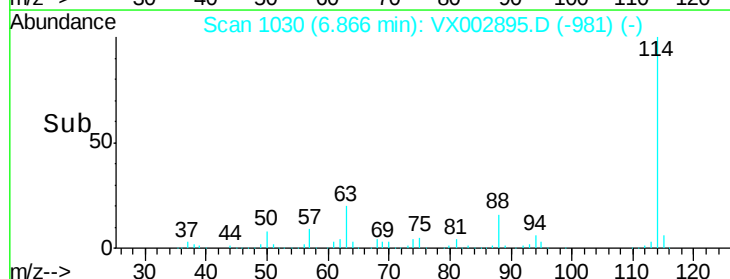
100000

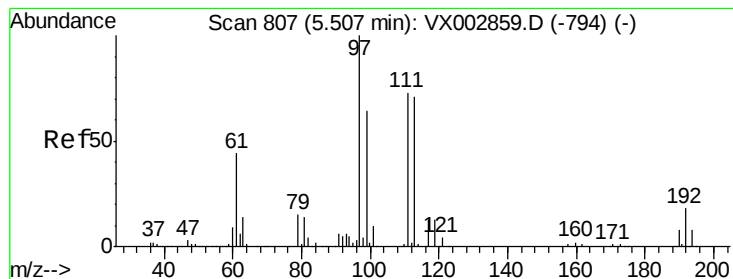
50000

0

Time-->

6.75 6.80 6.85 6.90 6.95





#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

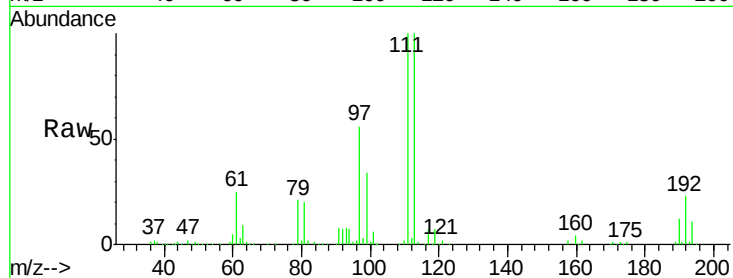
Tot Ion:113 Resp: 145274

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

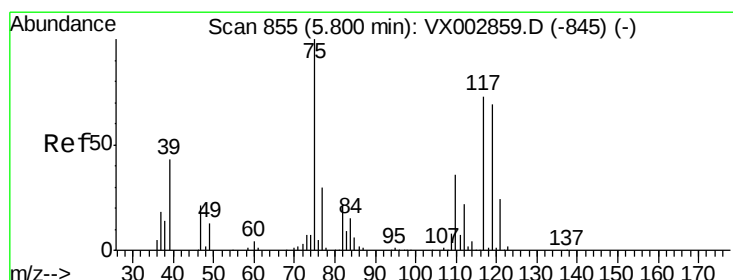
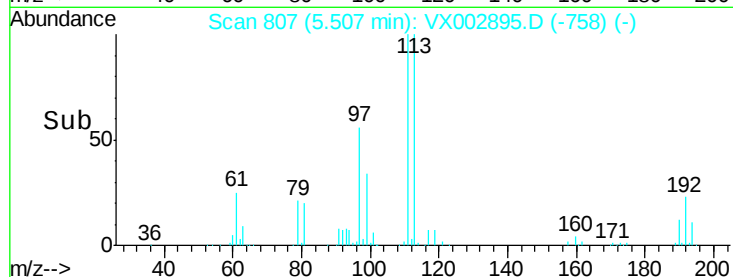
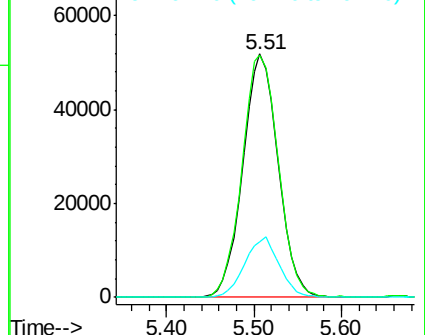
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.93 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

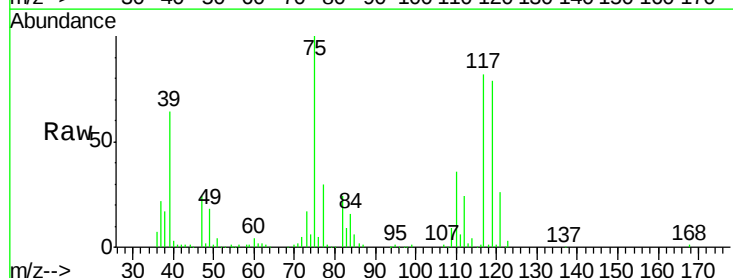
Tgt Ion: 75 Resp: 75267

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

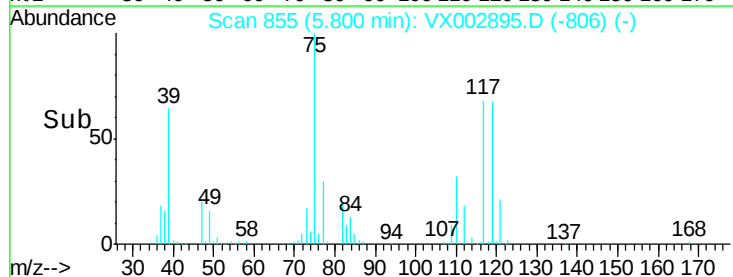
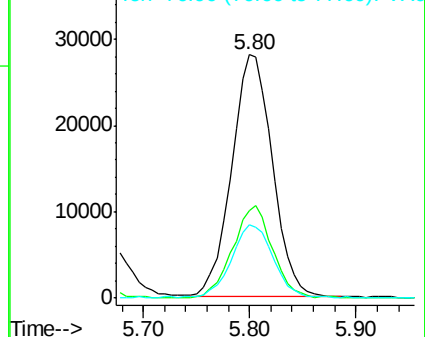
77 30.7 24.3 36.5

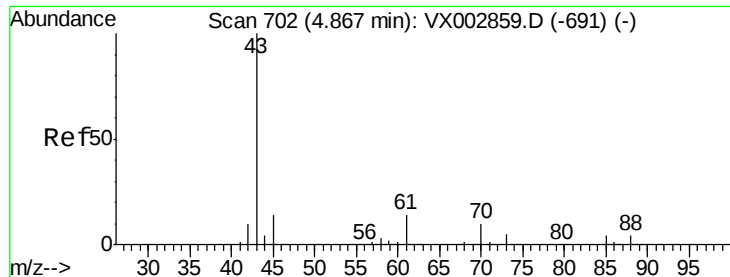


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

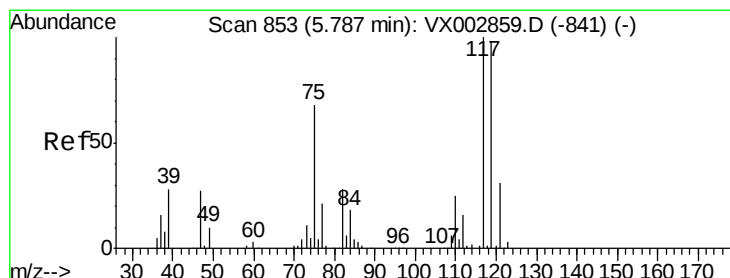
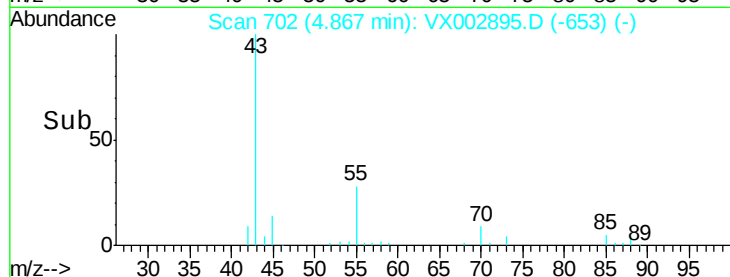
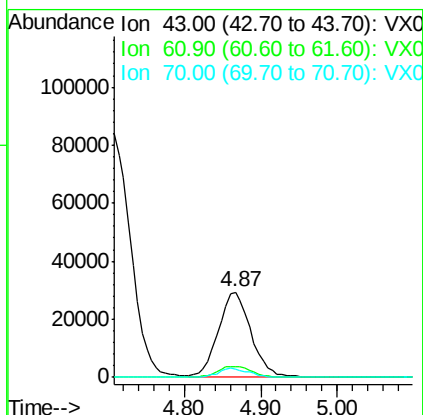
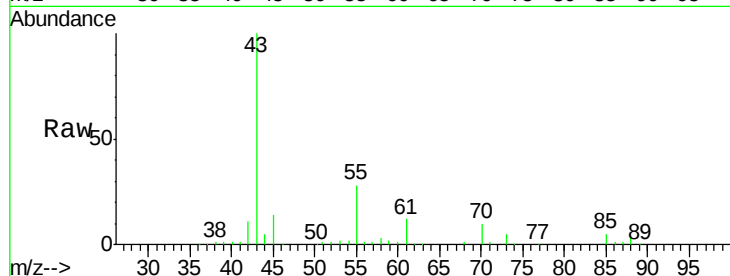




#37
Ethyl Acetate
Concen: 19.94 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

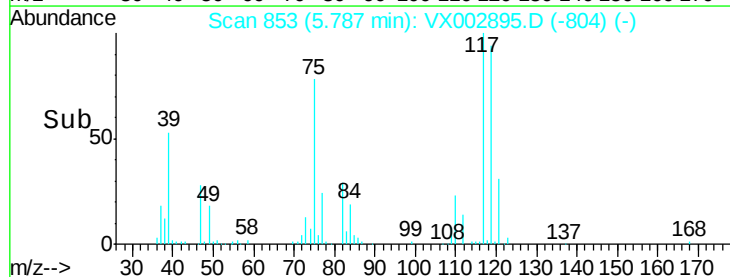
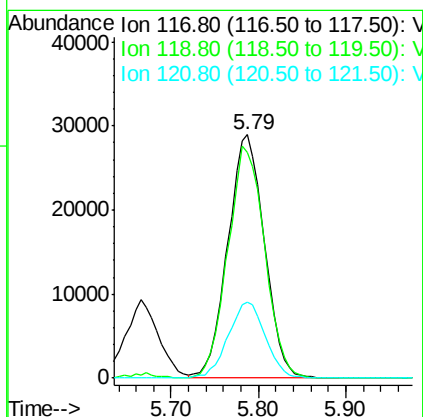
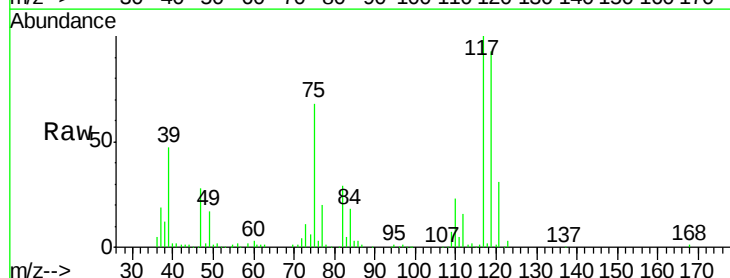
Instrument :
MSVOA_X
ClientSampled :

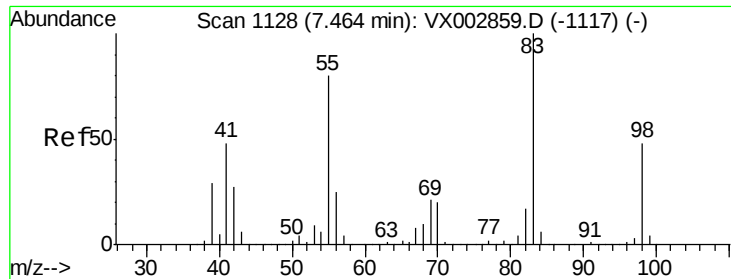
Tot Ion: 43 Resp: 85351
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 117 Resp: 84407
Ion Ratio Lower Upper
117 100
119 92.6 77.4 116.0
121 31.1 24.4 36.6

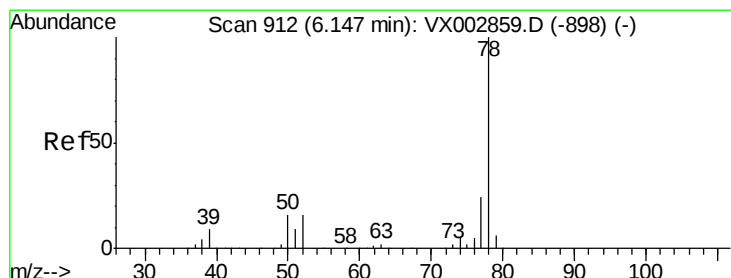
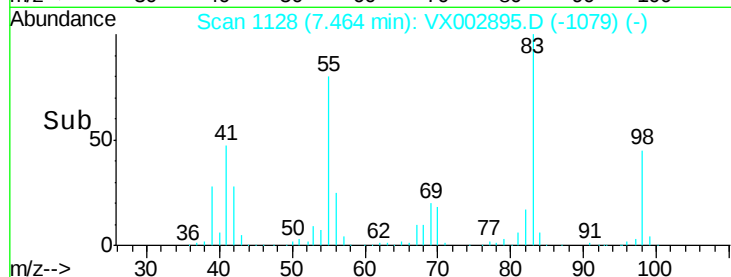
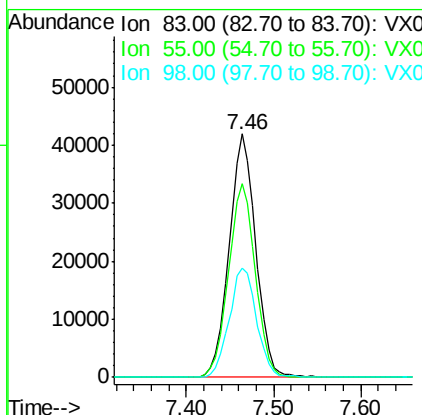
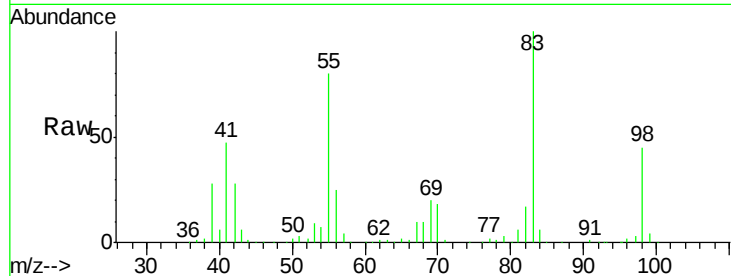




#39
Methvlcvclohexane
Concen: 19.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

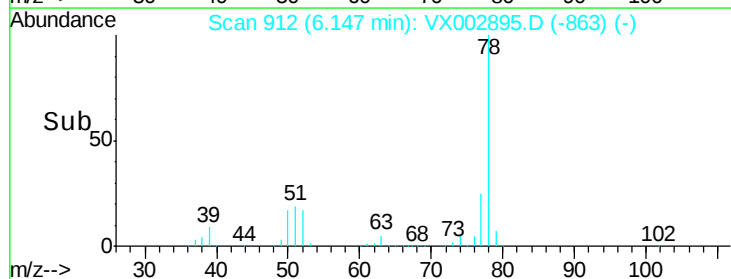
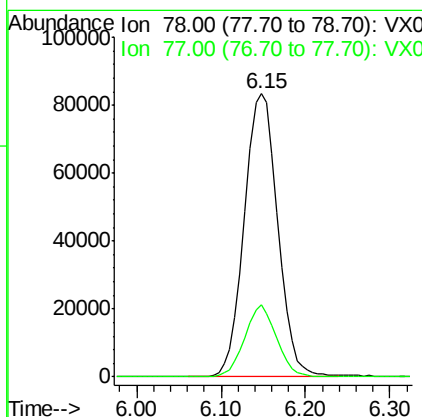
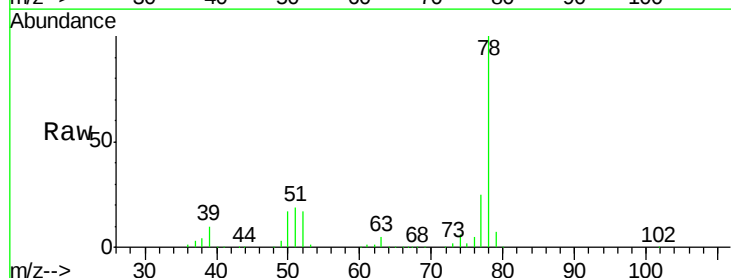
Instrument :
MSVOA_X
ClientSampled :

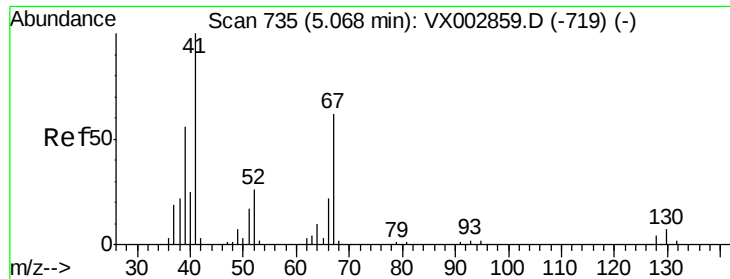
Tot Ion: 83 Resp: 88677
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 44.7 37.4 56.0



#40
Benzene
Concen: 19.43 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 78 Resp: 224452
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7

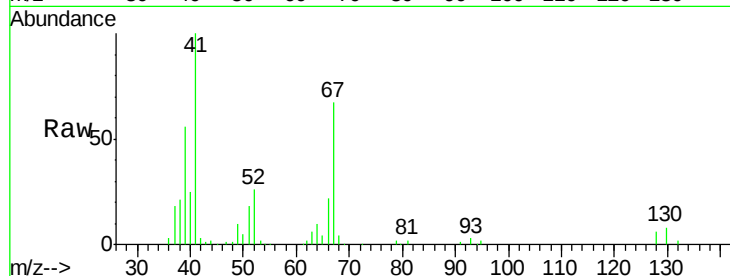




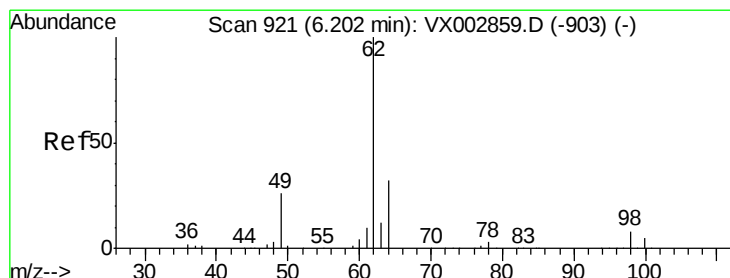
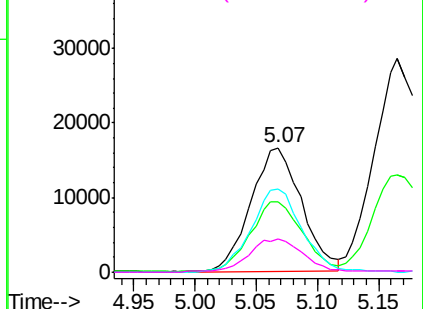
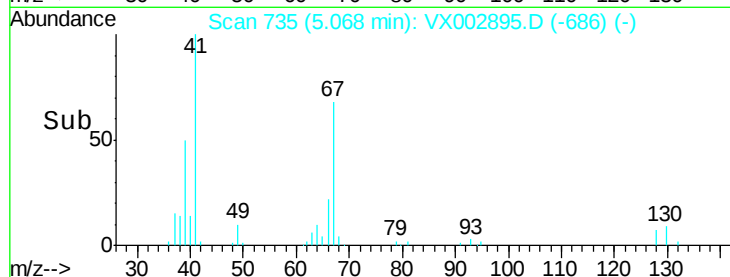
#41
Methacrylonitrile
Concen: 19.49 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	48046
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.8	68.6
67	67.8	51.3	76.9
52	29.4	23.0	34.6

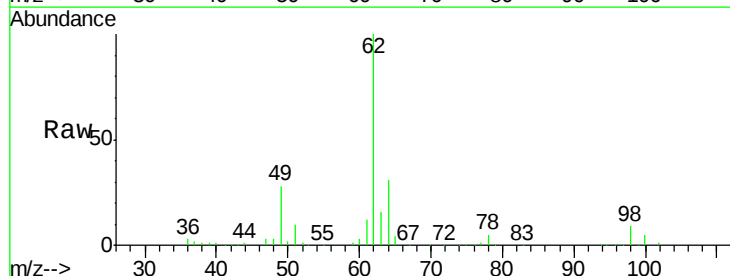


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

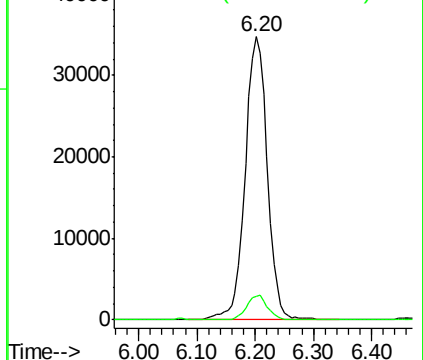
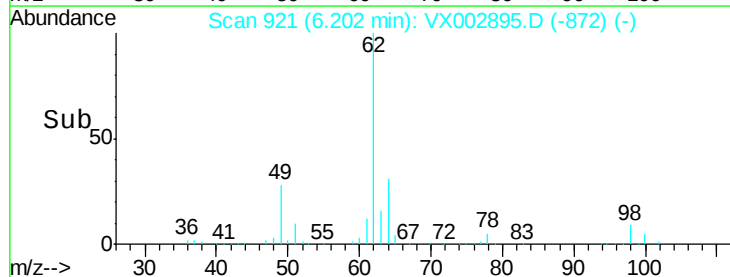


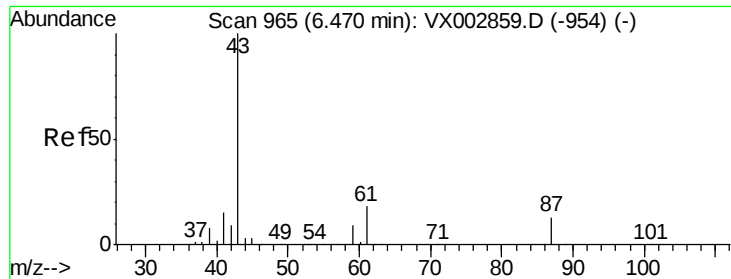
#42
1,2-Dichloroethane
Concen: 19.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion:	62	Resp:	91392
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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



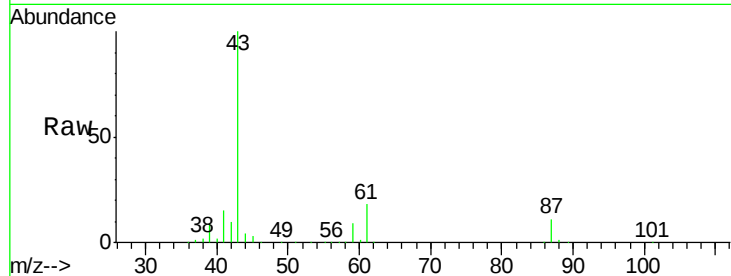


#43

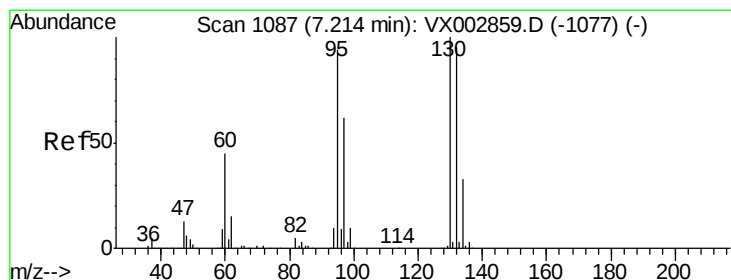
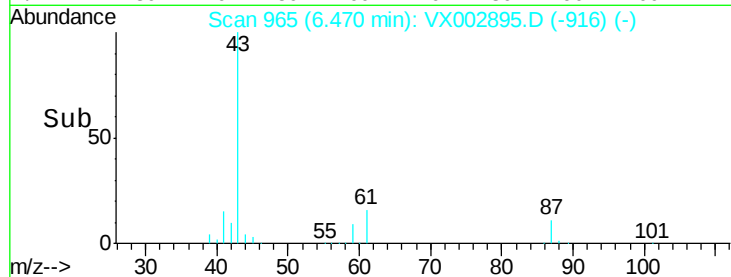
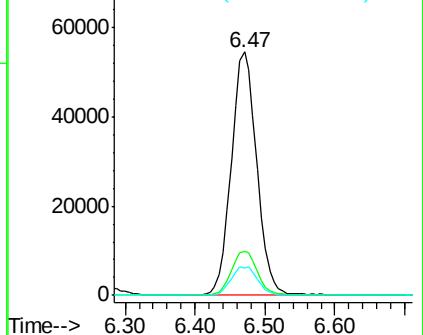
Isopropyl Acetate
 Concen: 19.08 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 136979
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.4 21.6
 87 12.4 9.5 14.3



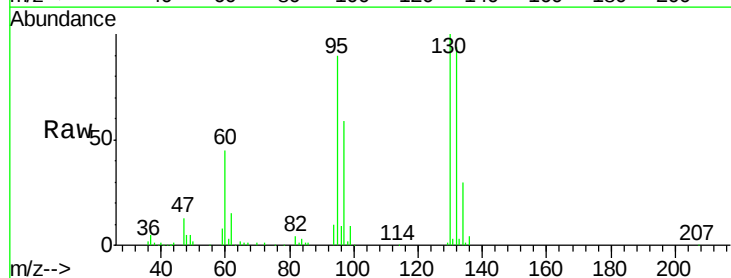
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



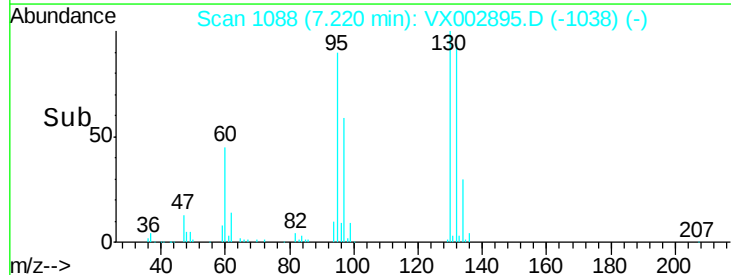
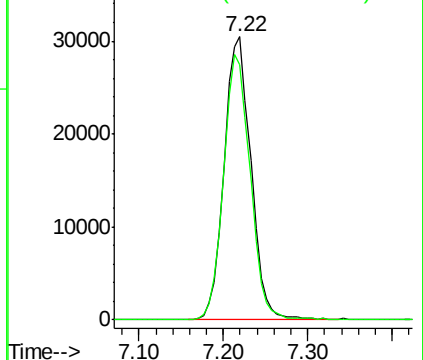
#44

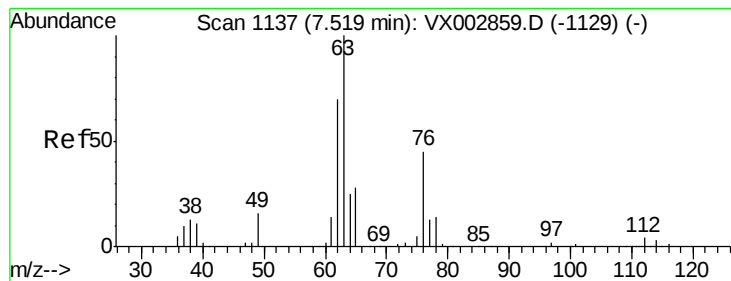
Trichloroethene
 Concen: 19.11 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion:130 Resp: 65803
 Ion Ratio Lower Upper
 130 100
 95 90.3 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: 19.63 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

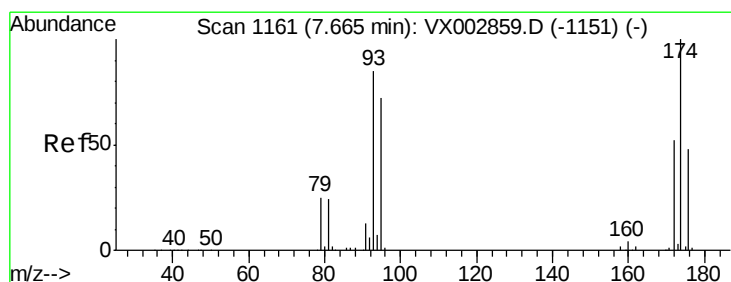
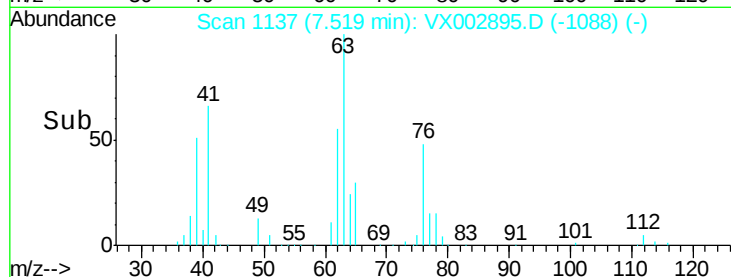
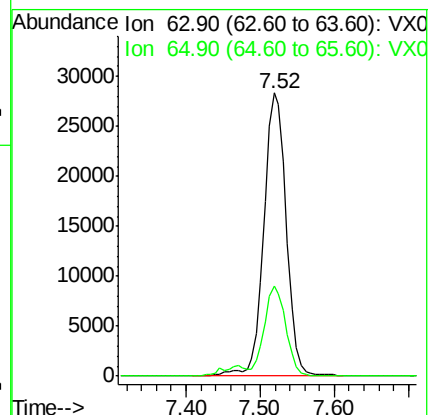
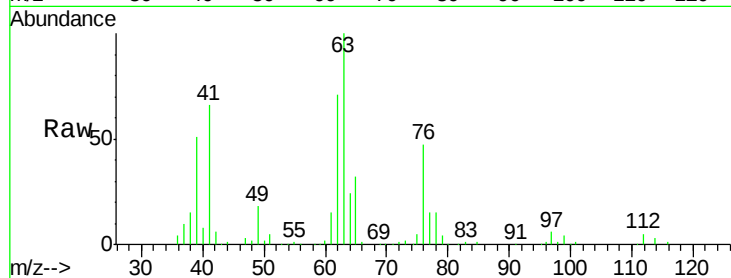
ClientSampleId :

Tot Ion: 63 Resp: 60143

Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



#46

Dibromomethane

Concen: 19.19 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

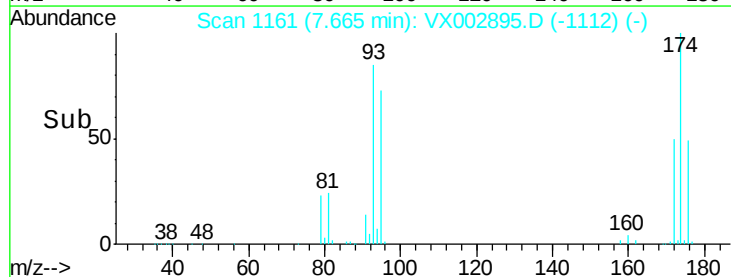
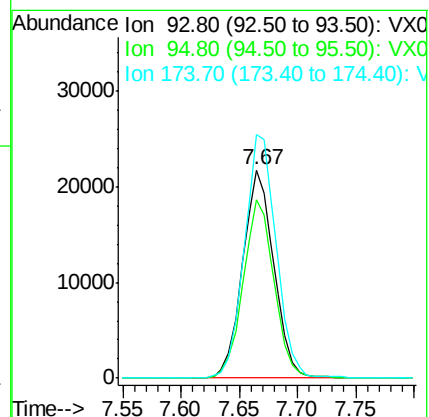
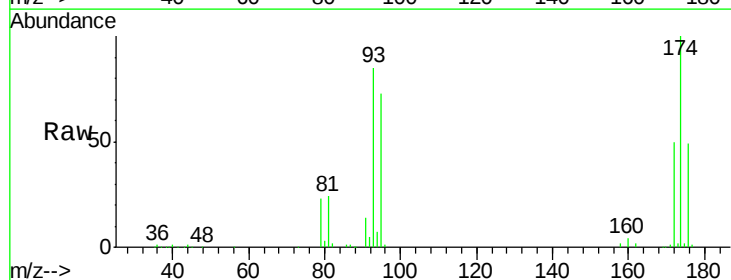
Tgt Ion: 93 Resp: 40807

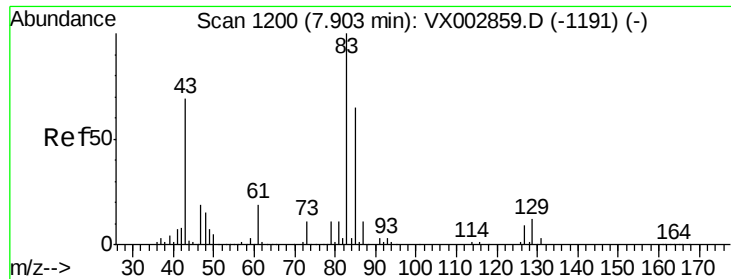
Ion Ratio Lower Upper

93 100

95 84.9 65.9 98.9

174 119.2 92.4 138.6





#47

Bromodichloromethane

Concen: 19.82 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

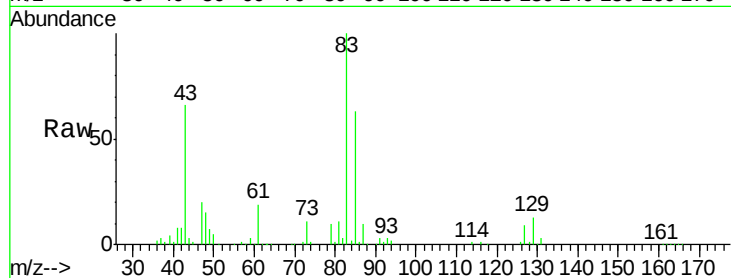
Tot Ion: 83 Resp: 77927

Ion Ratio Lower Upper

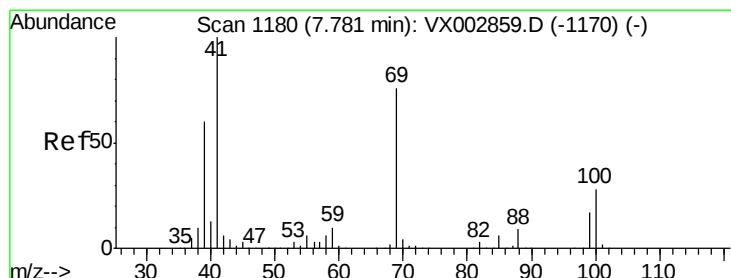
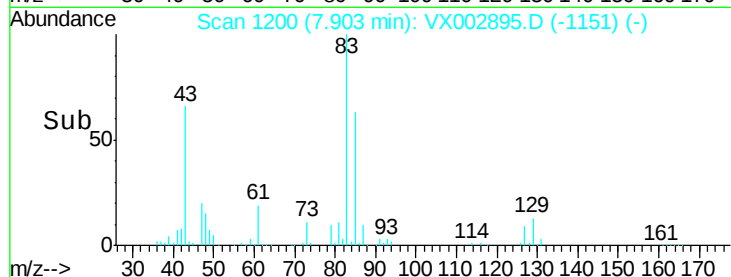
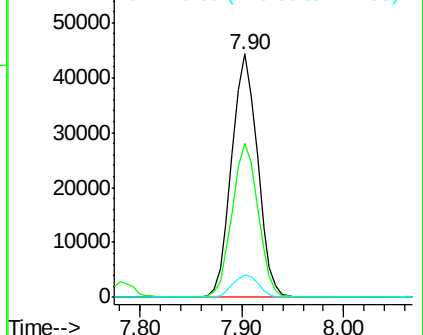
83 100

85 63.1 50.3 75.5

127 9.2 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: 19.57 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

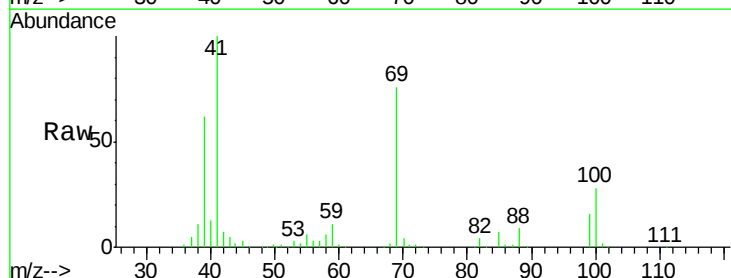
Tgt Ion: 41 Resp: 72390

Ion Ratio Lower Upper

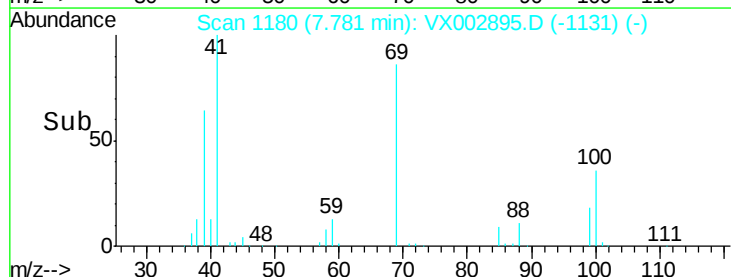
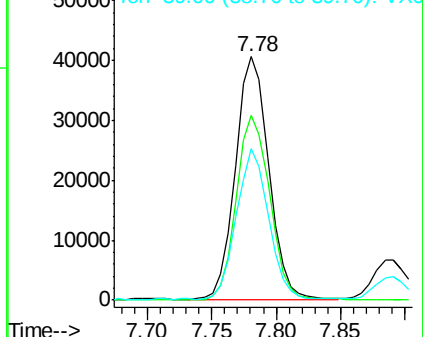
41 100

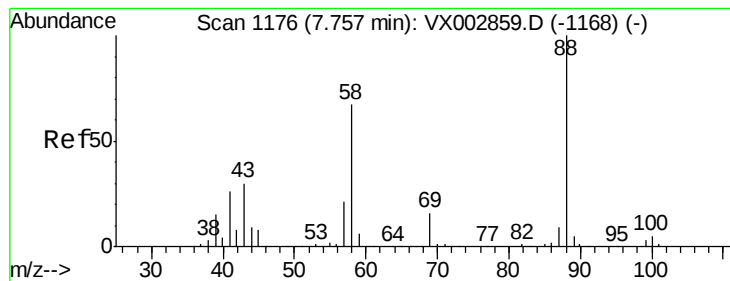
69 77.6 59.1 88.7

39 60.6 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: 401.09 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

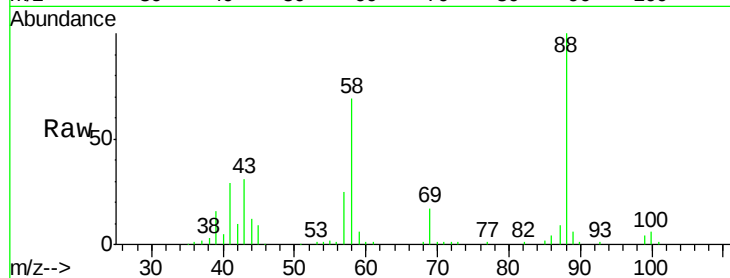
Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28866

Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	71.5	57.1	85.7

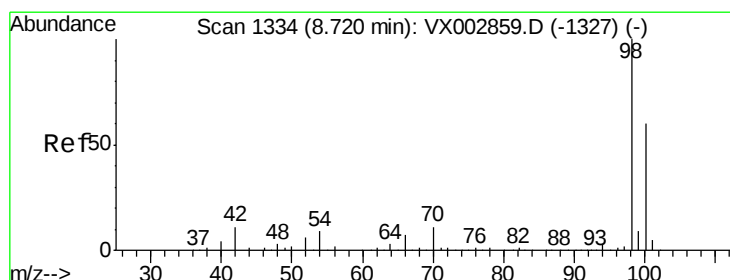
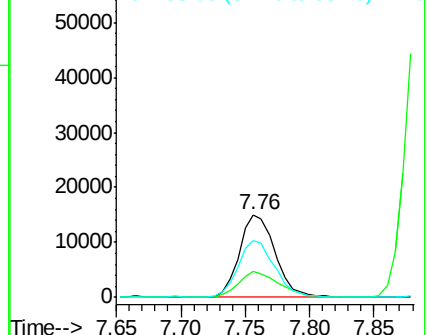
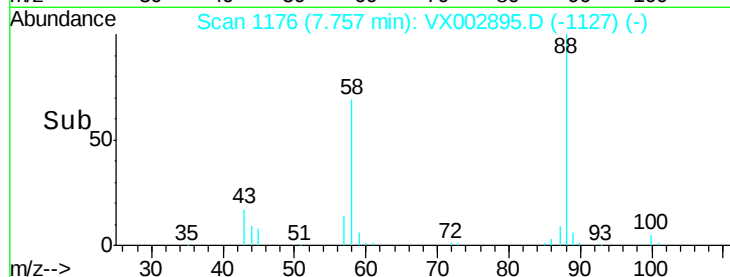


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.89 ug/l

RT: 8.72 min Scan# 1334

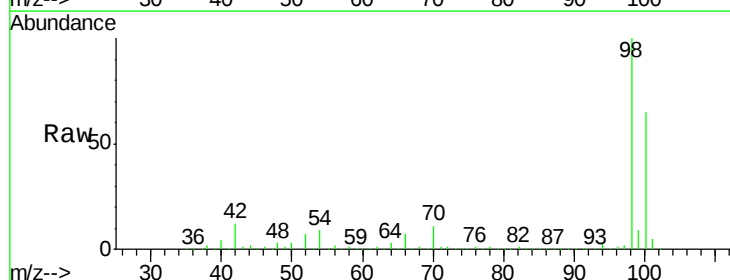
Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion: 98 Resp: 533528

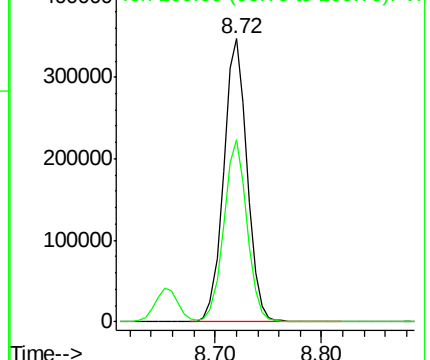
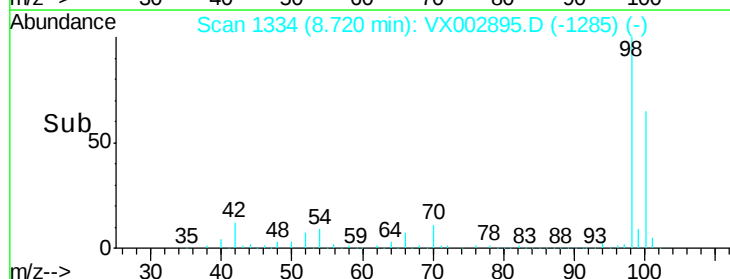
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

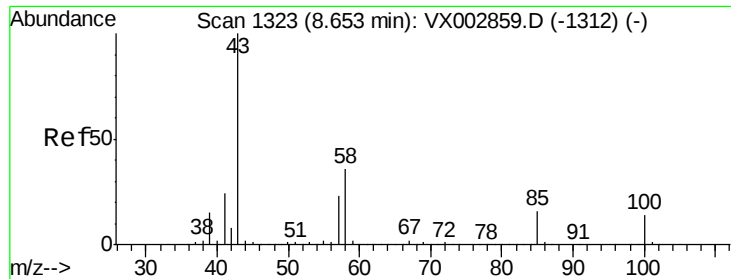


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.61 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

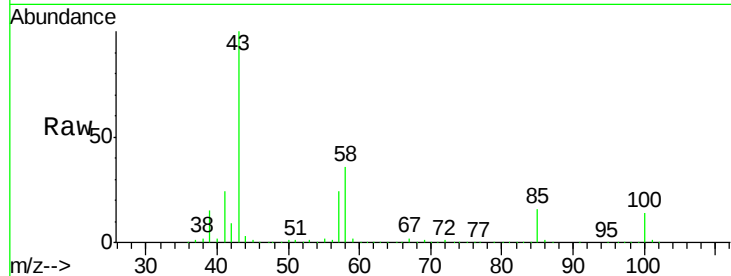
ClientSampled :

Tot Ion: 43 Resp: 451890

Ion Ratio Lower Upper

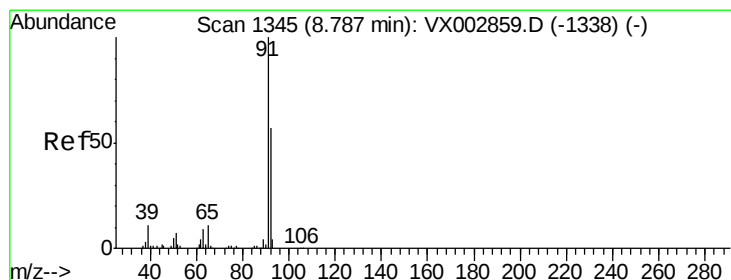
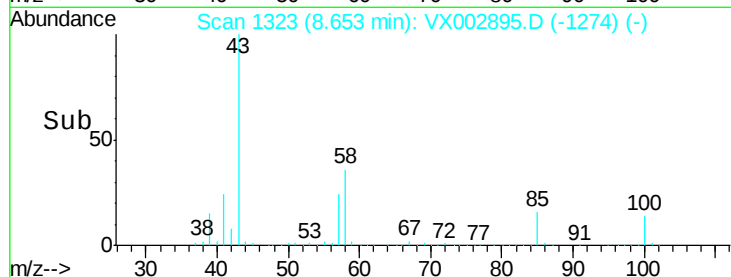
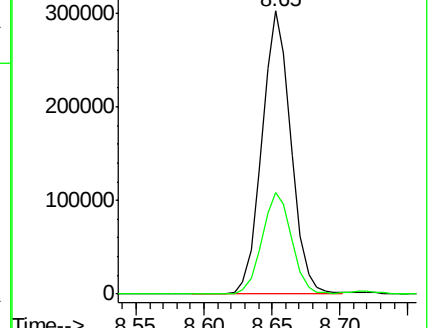
43 100

58 36.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002895.D

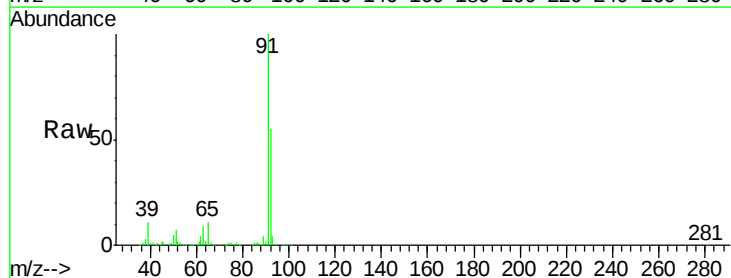
Acq: 26 Jun 2018 13:42

Tgt Ion: 92 Resp: 145672

Ion Ratio Lower Upper

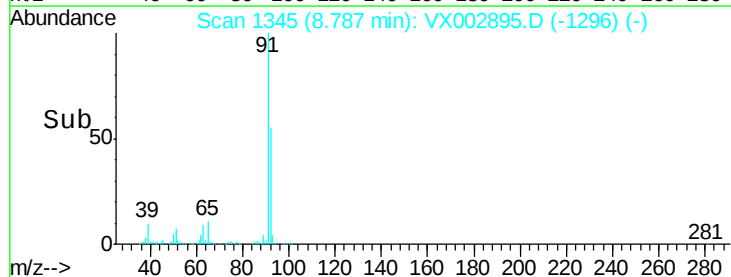
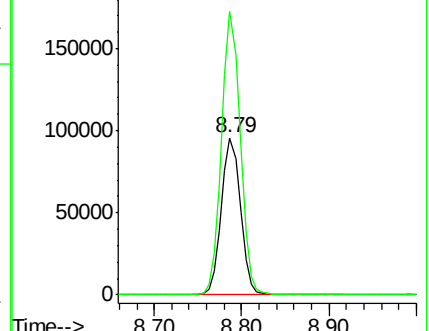
92 100

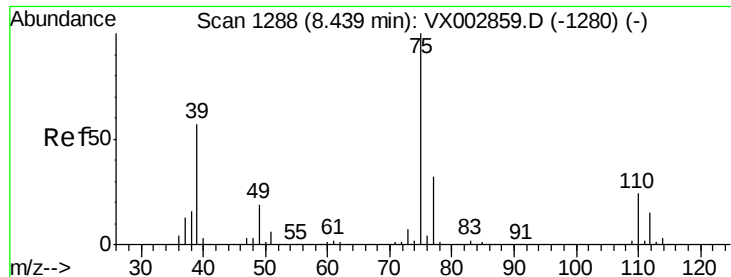
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

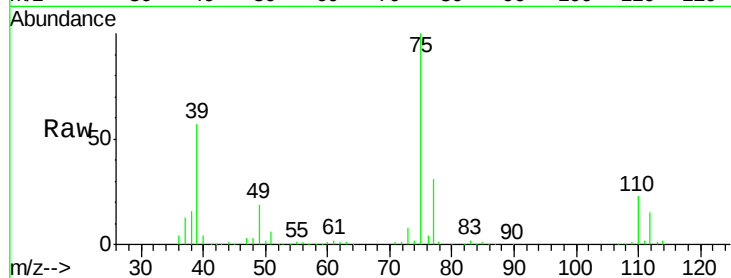
ClientSampleId :

Tot Ion: 75 Resp: 88407

Ion Ratio Lower Upper

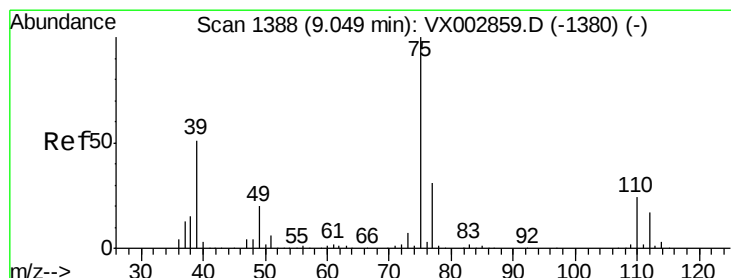
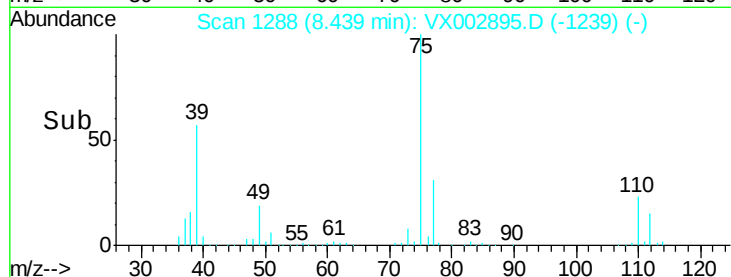
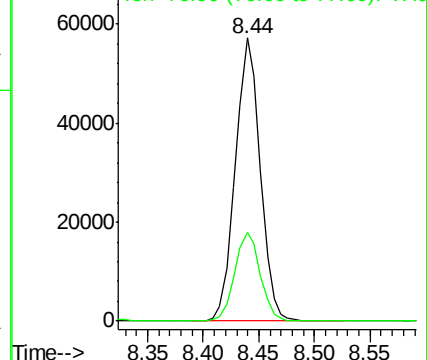
75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.79 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

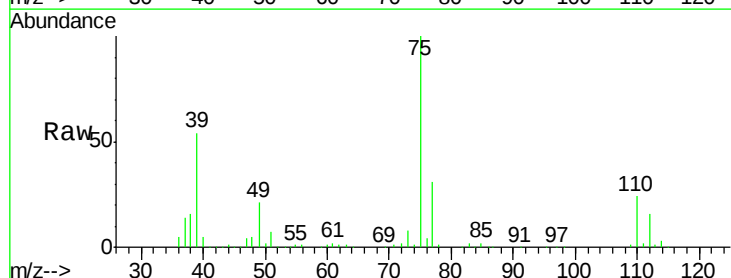
Tgt Ion: 75 Resp: 80496

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

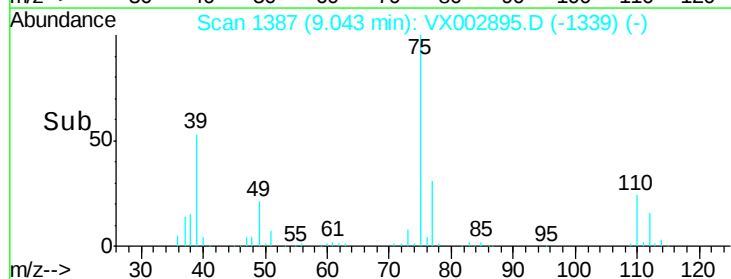
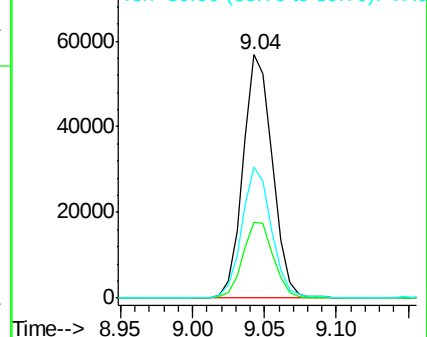
39 53.3 42.4 63.6

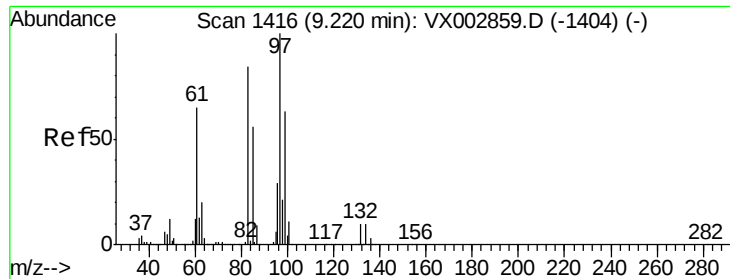


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.15 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 61276

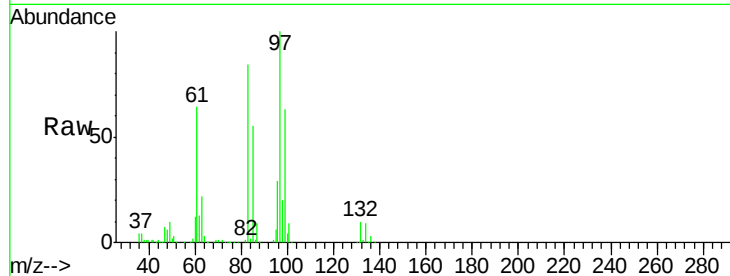
Ion Ratio Lower Upper

97 100

83 84.0 70.2 105.2

85 54.8 44.9 67.3

99 63.1 49.8 74.8

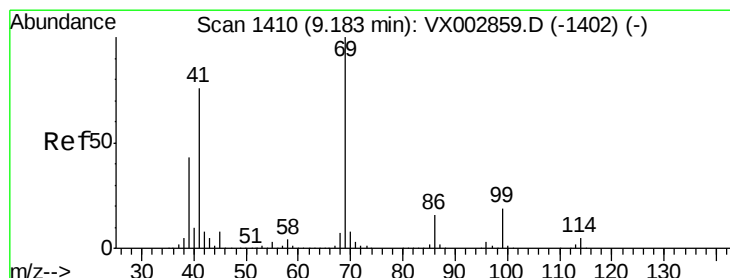
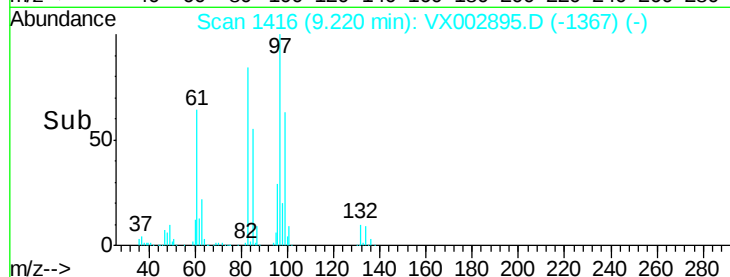
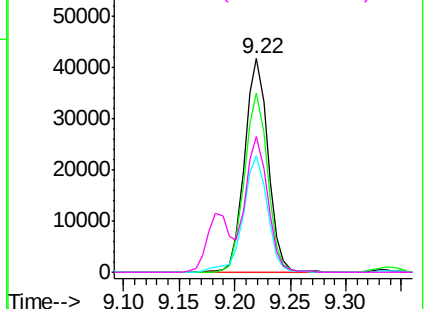


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.43 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

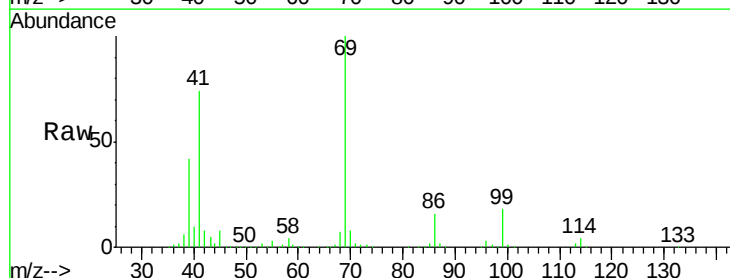
Tgt Ion: 69 Resp: 86346

Ion Ratio Lower Upper

69 100

41 72.9 60.3 90.5

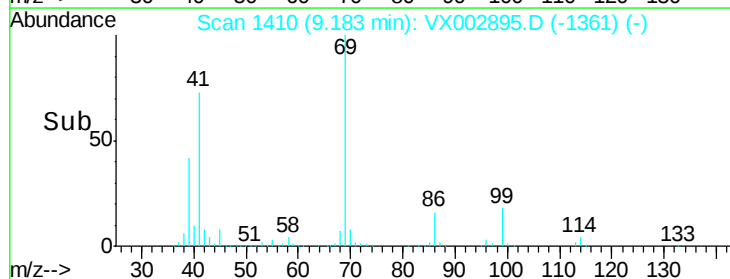
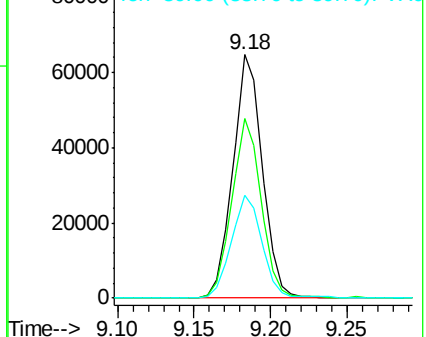
39 43.7 35.8 53.8

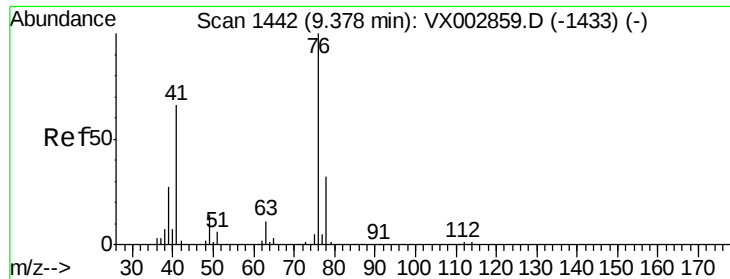


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.56 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

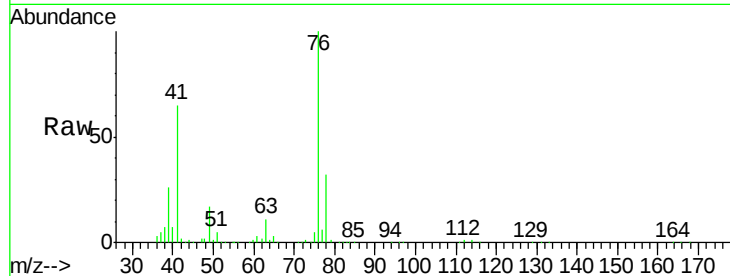
ClientSampleId :

Tot Ion: 76 Resp: 97710

Ion Ratio Lower Upper

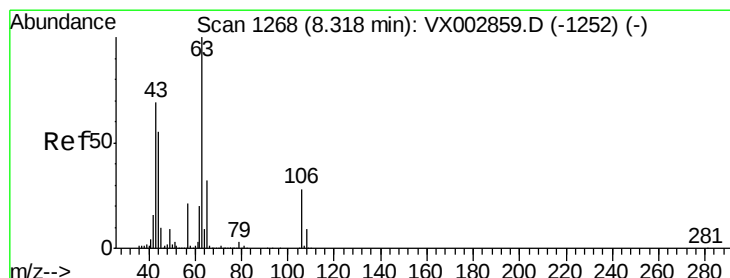
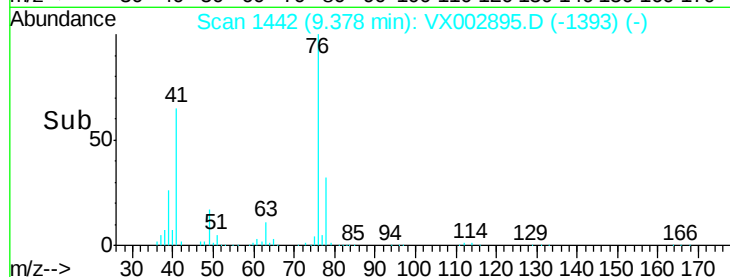
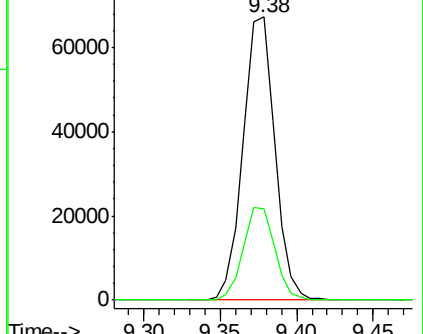
76 100

78 33.0 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: 106.97 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002895.D

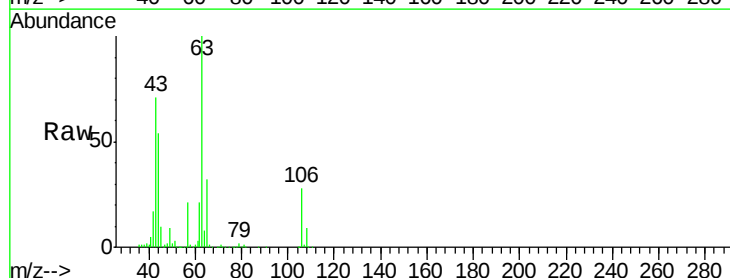
Acq: 26 Jun 2018 13:42

Tgt Ion: 63 Resp: 229341

Ion Ratio Lower Upper

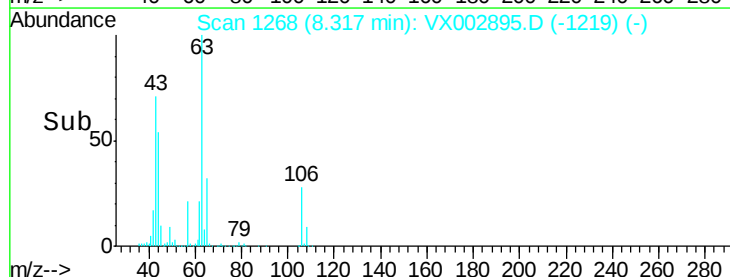
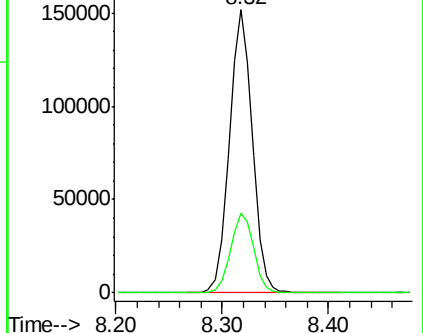
63 100

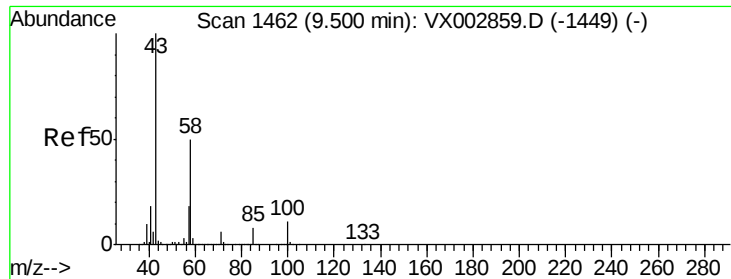
106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

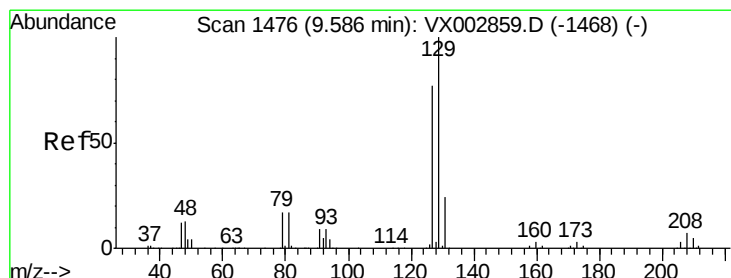
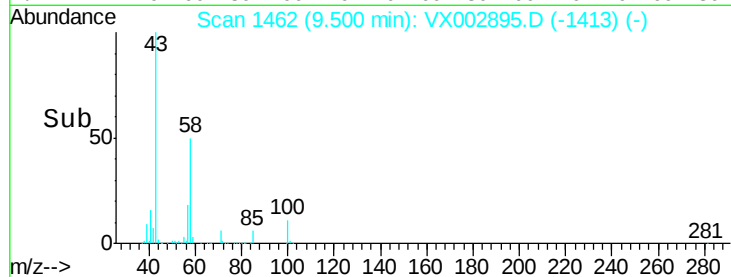
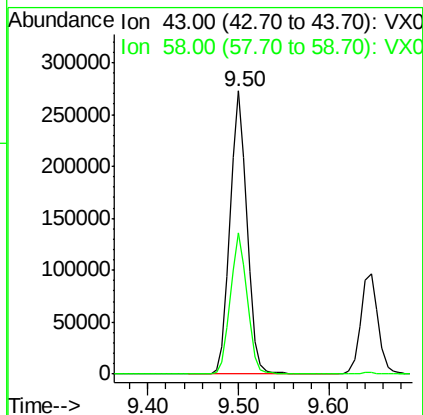
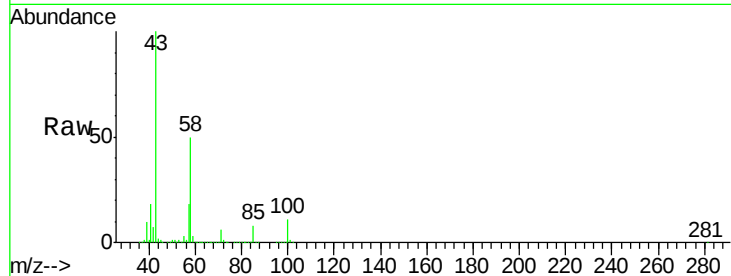




#59
2-Hexanone
Concen: 103.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

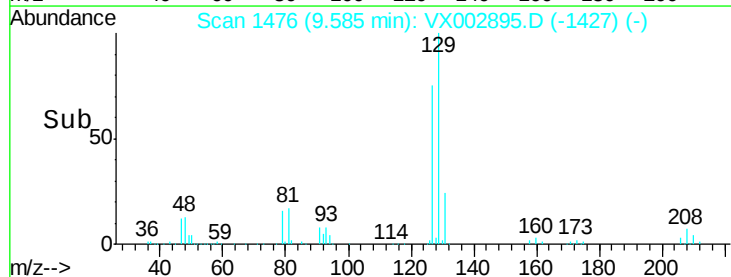
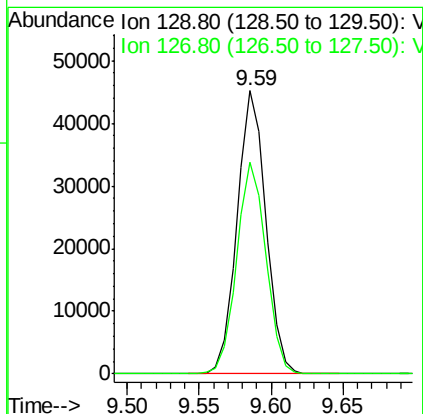
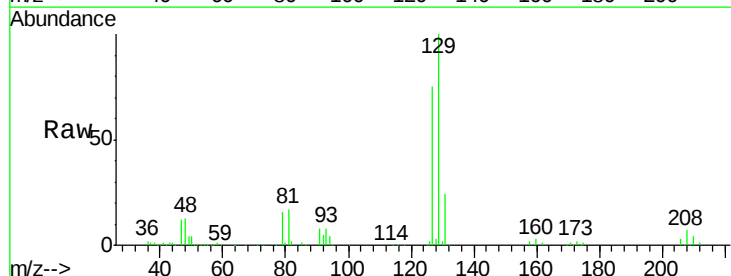
Instrument :
MSVOA_X
ClientSampleId :

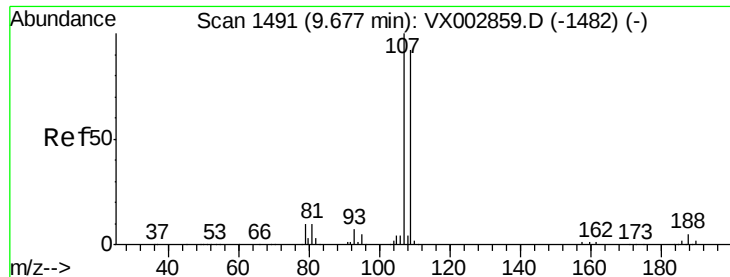
Tot Ion: 43 Resp: 354528
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 19.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 129 Resp: 62870
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.58 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

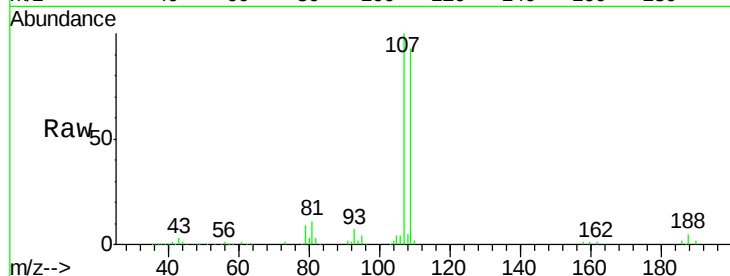
ClientSampleId :

Tot Ion:107 Resp: 62445

Ion Ratio Lower Upper

107 100

109 94.4 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

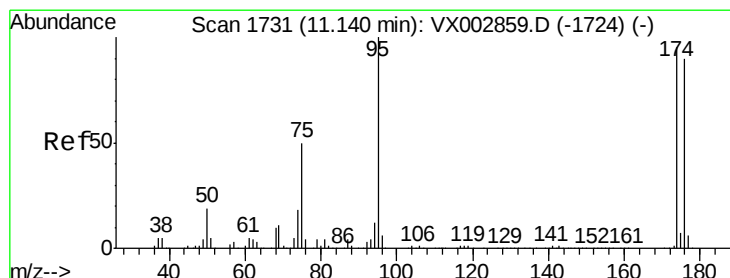
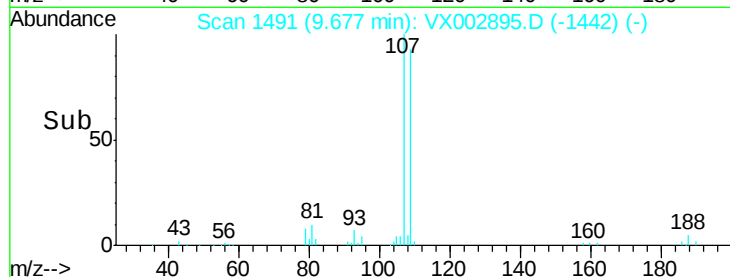
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

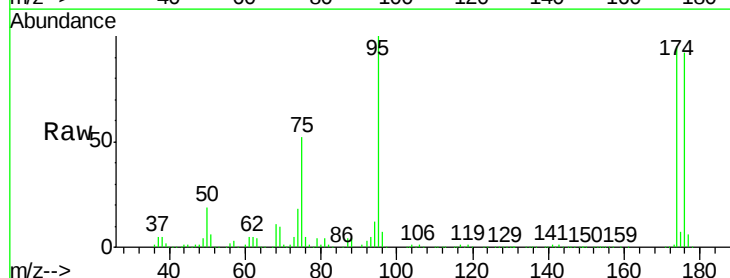
Tgt Ion: 95 Resp: 198791

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

176 94.0 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

200000

150000

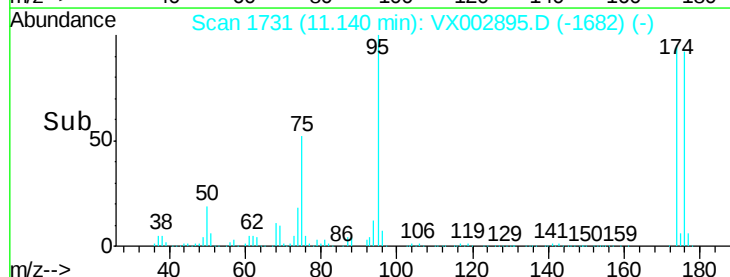
100000

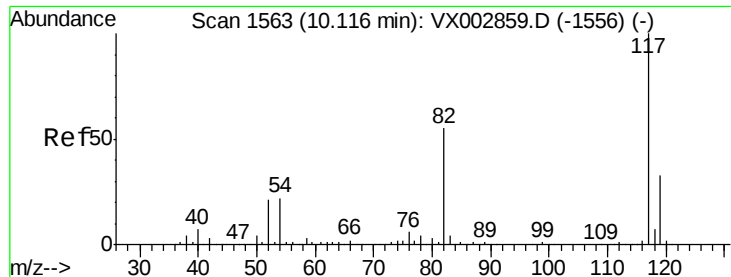
50000

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: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

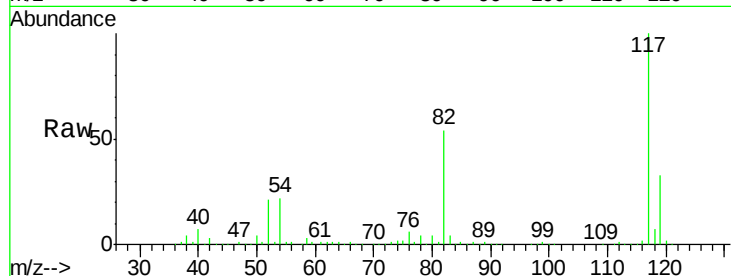
Tot Ion:117 Resp: 348456

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

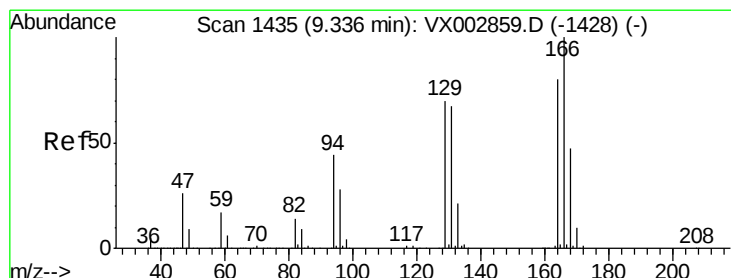
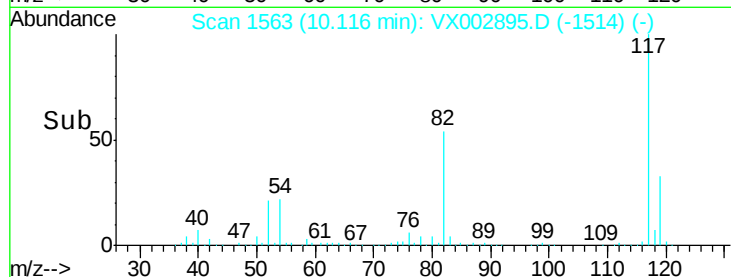
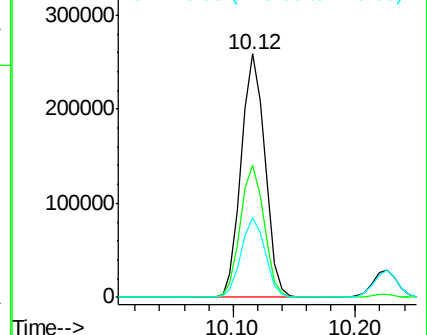
119 32.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.84 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:164 Resp: 72992

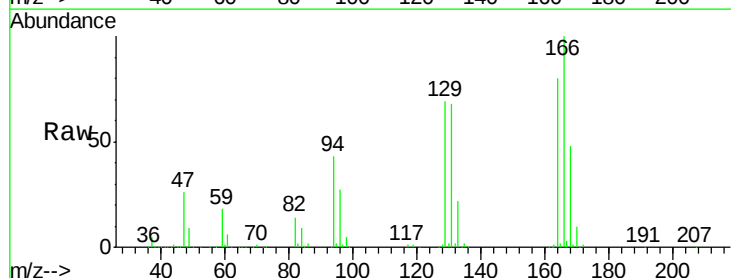
Ion Ratio Lower Upper

164 100

166 125.3 102.9 154.3

129 85.9 68.6 102.8

131 85.7 66.8 100.2

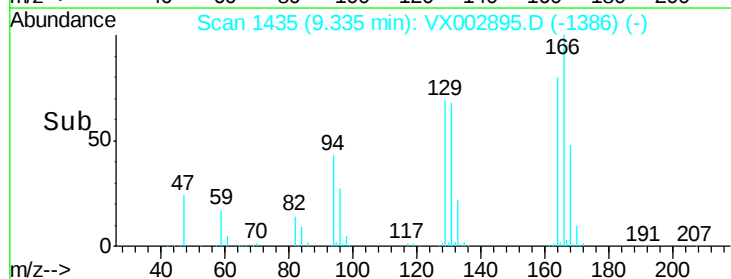
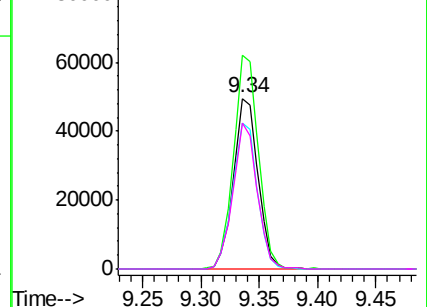


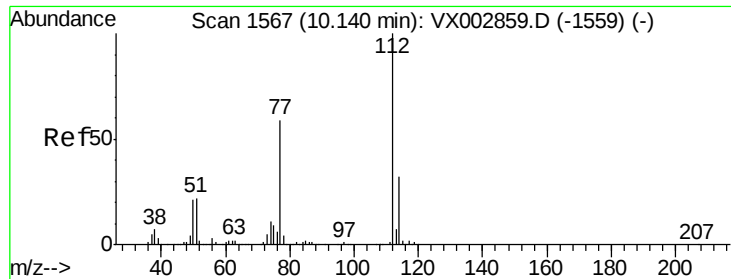
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.95 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

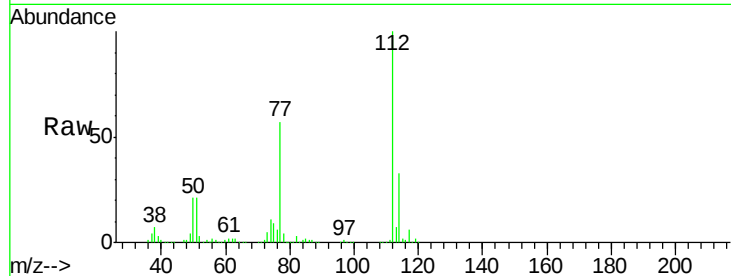
ClientSampled :

Tot Ion:112 Resp: 167712

Ion Ratio Lower Upper

112 100

114 33.1 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

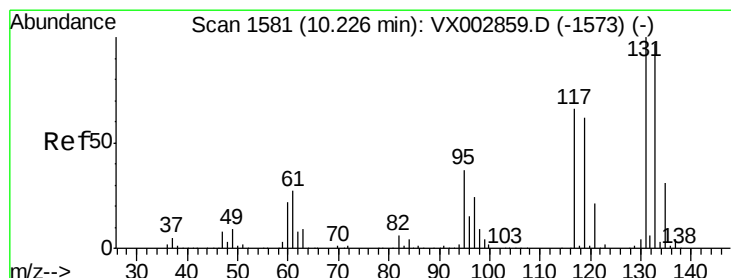
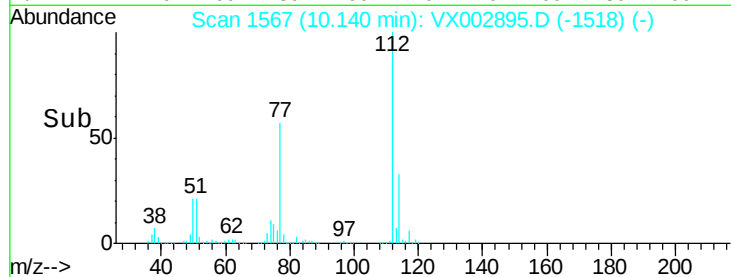
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.54 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

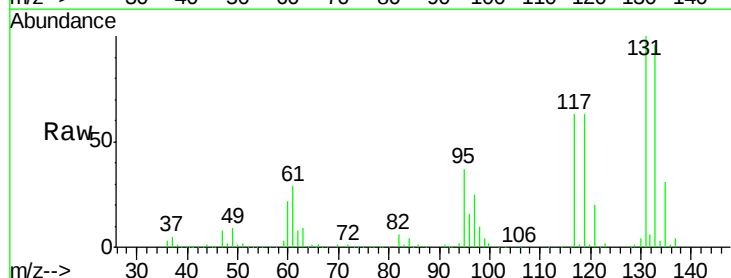
Tgt Ion:131 Resp: 62810

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

119 62.2 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

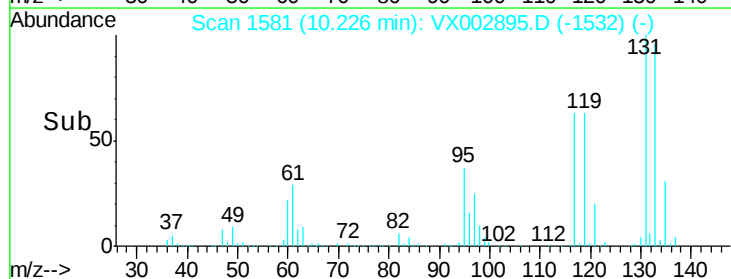
30000

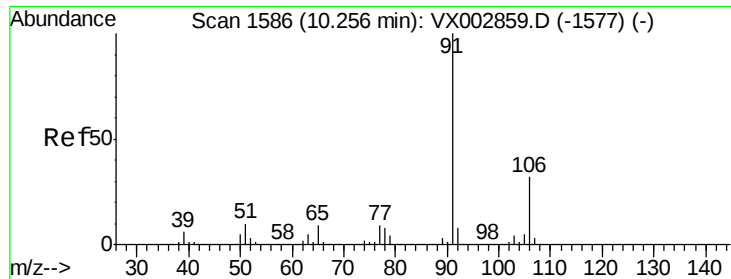
20000

10000

0

Time-->

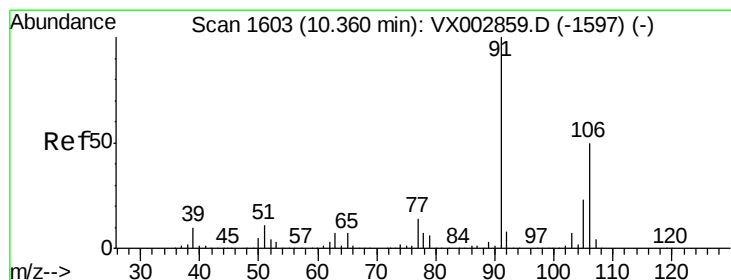
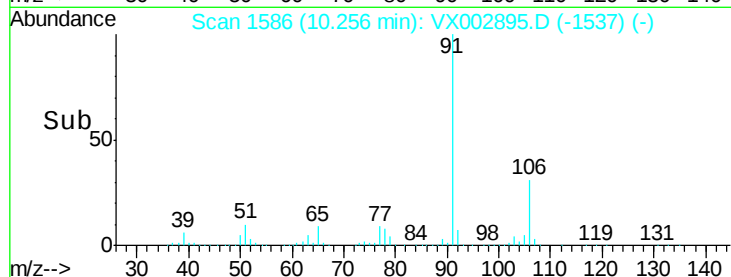
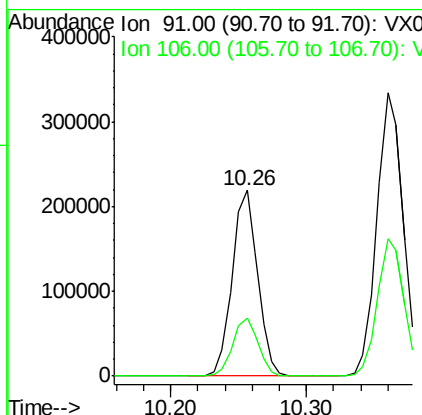
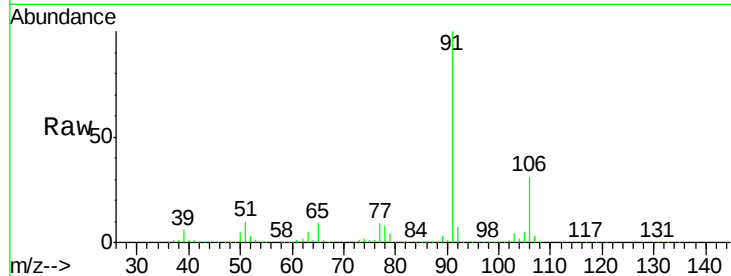




#67
Ethyl Benzene
Concen: 19.46 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

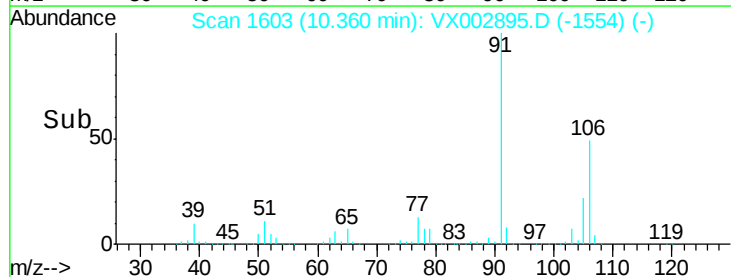
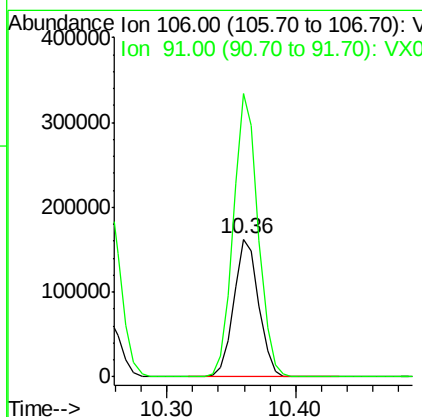
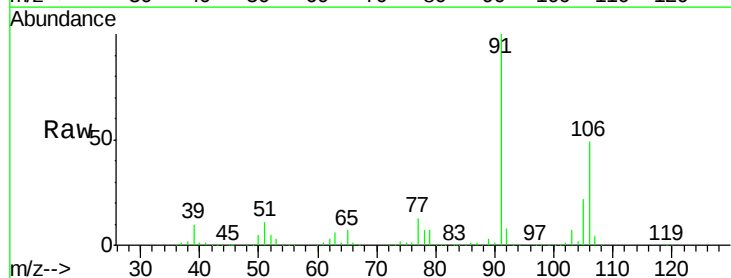
Instrument :
MSVOA_X
ClientSampleId :

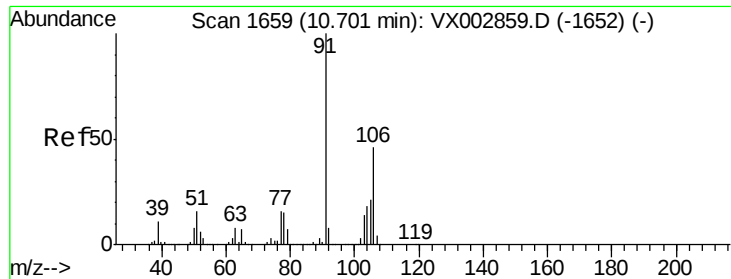
Tot Ion: 91 Resp: 284550
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 38.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 106 Resp: 218956
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2

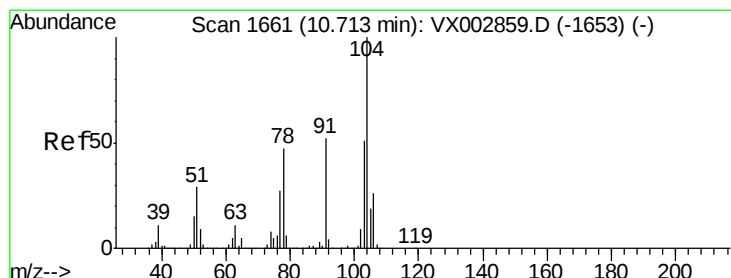
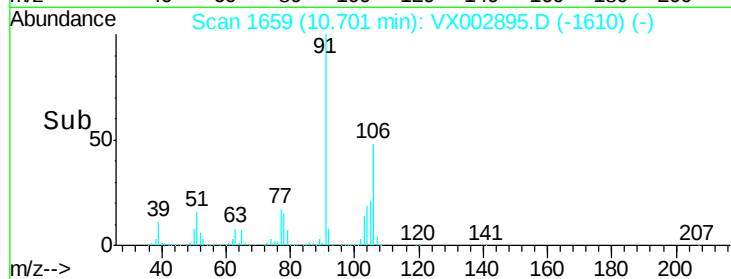
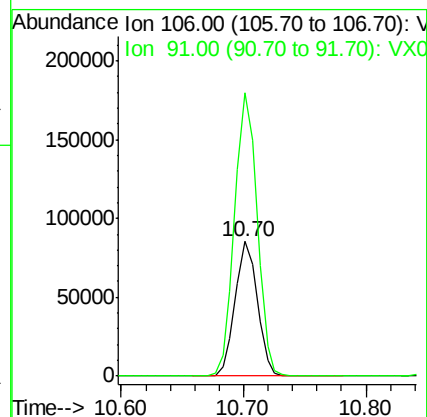
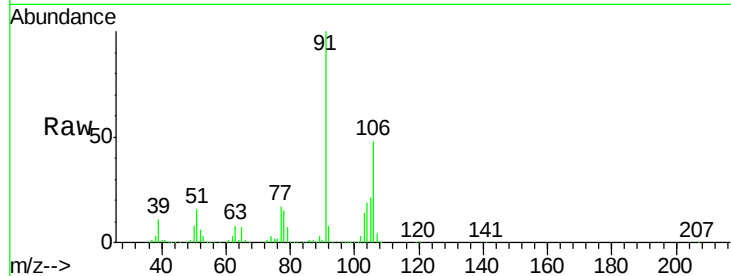




#69
o-Xylene
Concen: 19.53 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

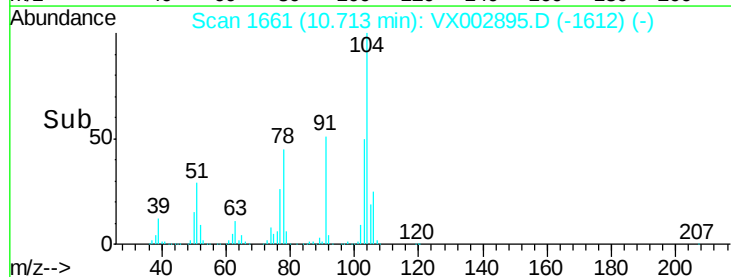
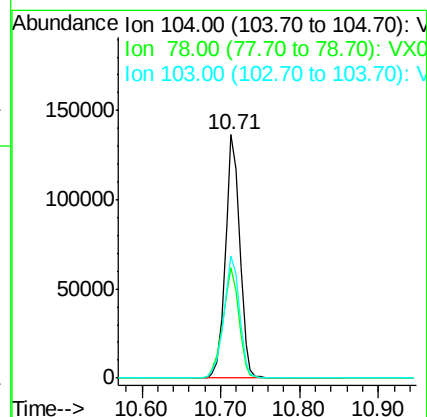
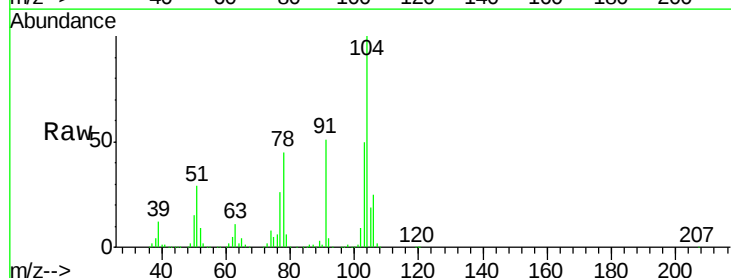
Instrument :
MSVOA_X
ClientSampled :

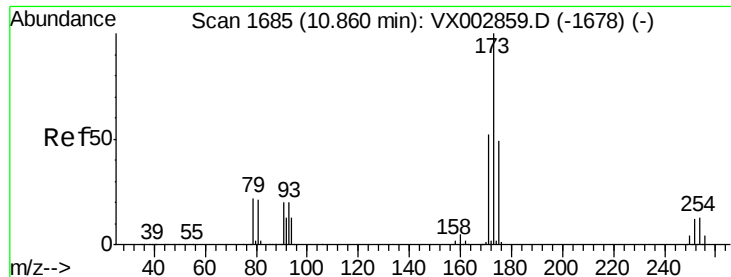
Tot Ion:106 Resp: 107136
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6



#70
Styrene
Concen: 19.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion:104 Resp: 174164
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 54.9 44.2 66.4

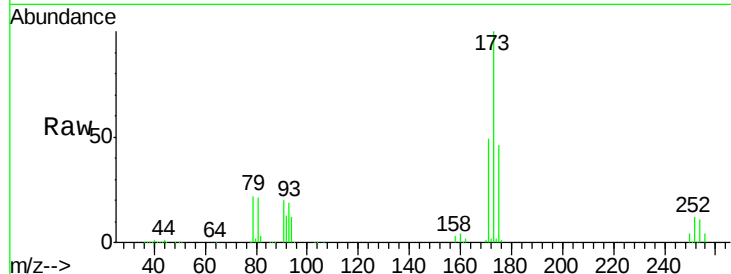




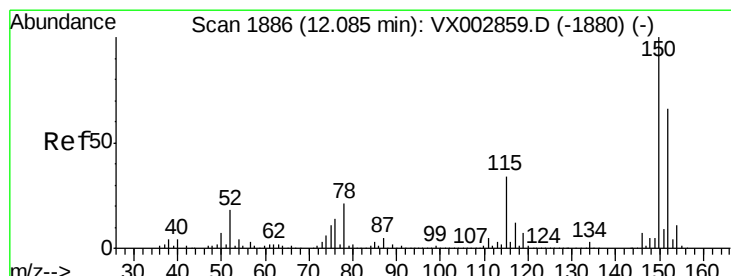
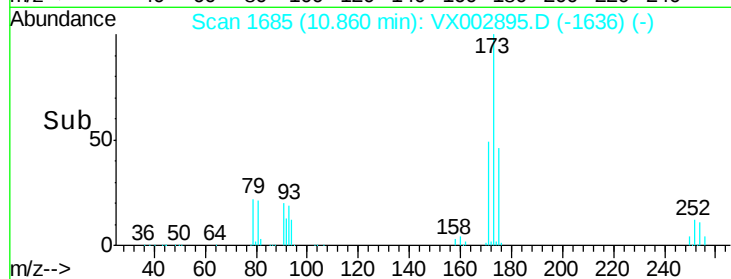
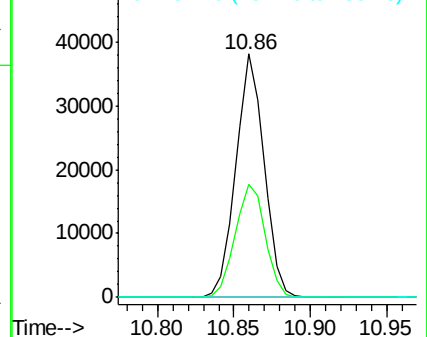
#71
Bromoform
Concen: 19.38 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 48754
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.2 0.2 0.2

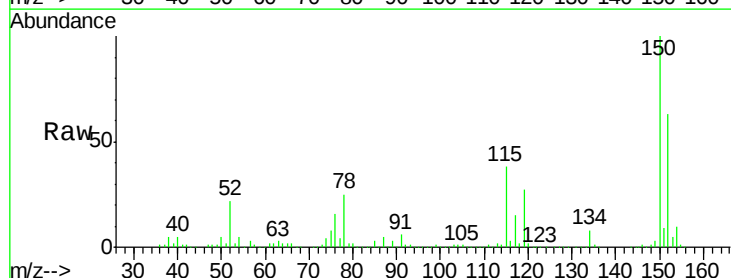


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

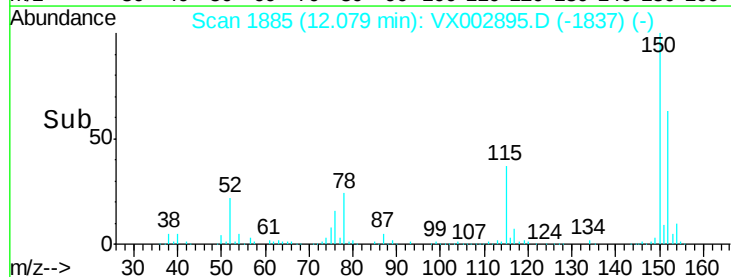
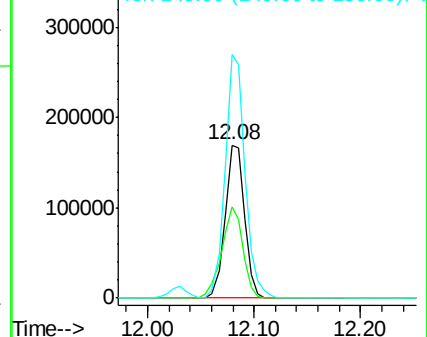


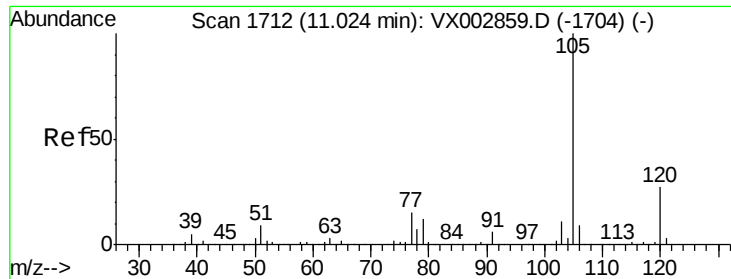
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion:152 Resp: 215217
Ion Ratio Lower Upper
152 100
115 64.6 40.1 120.2
150 163.4 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: 20.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

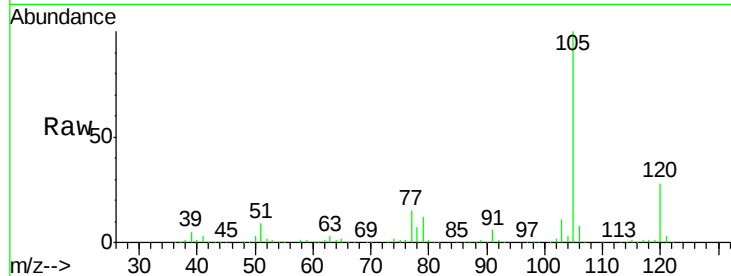
ClientSampled :

Tot Ion:105 Resp: 290935

Ion Ratio Lower Upper

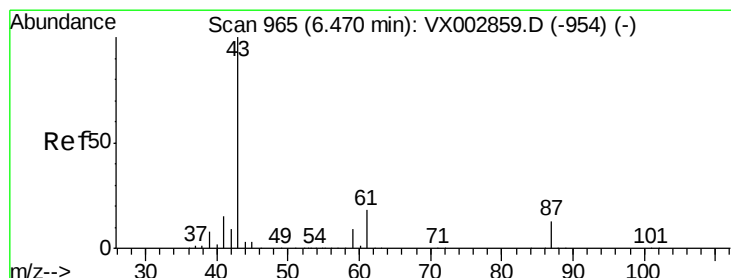
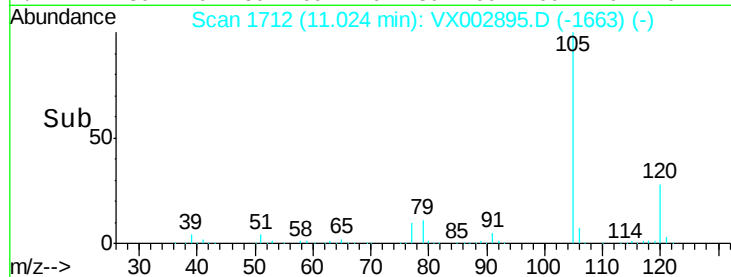
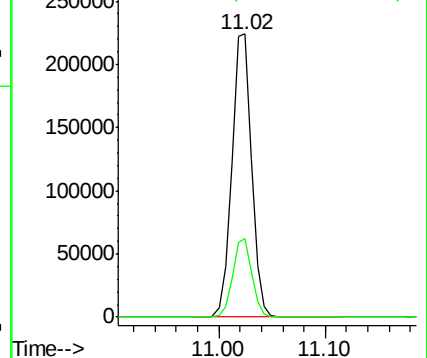
105 100

120 27.0 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: 19.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion: 43 Resp: 136979

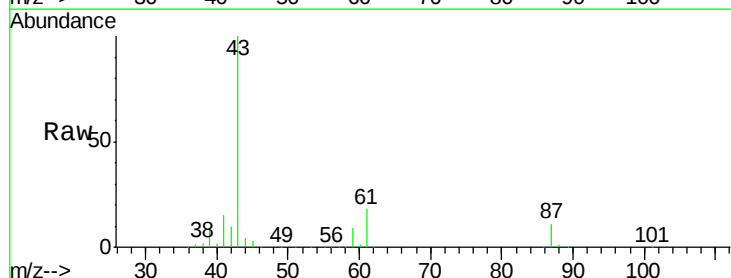
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.7 14.4 21.6

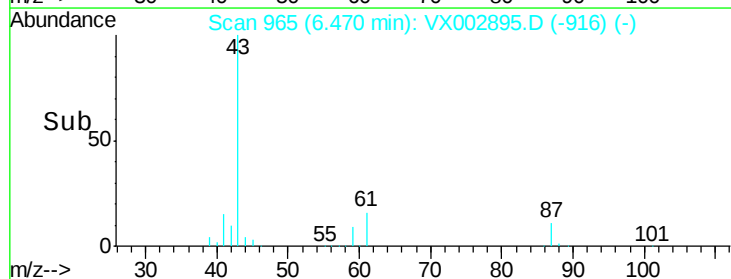
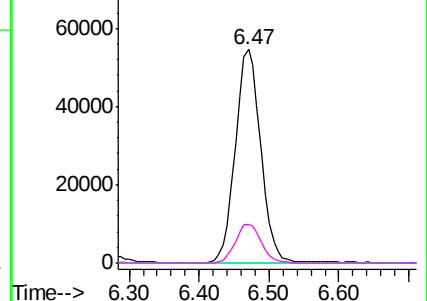


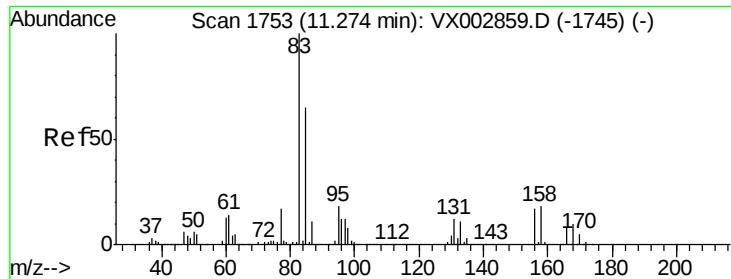
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

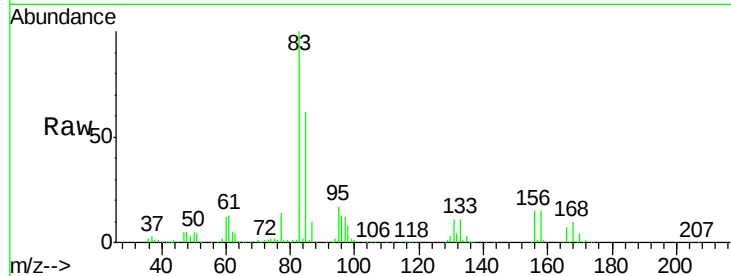
Tot Ion: 83 Resp: 90283

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

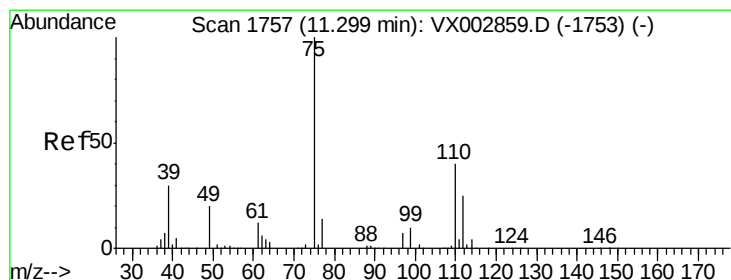
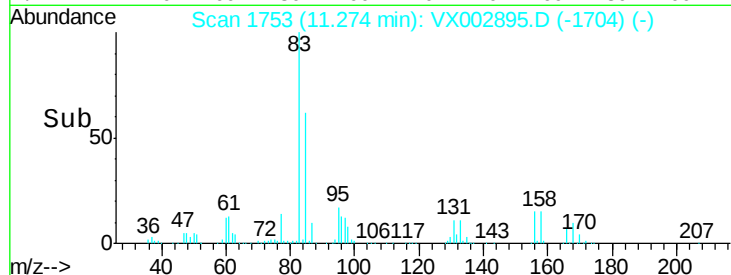
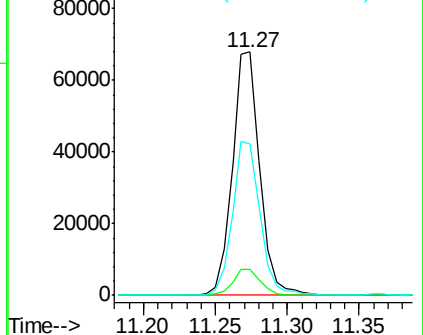
85 64.2 32.4 97.2



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: 25.27 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002895.D

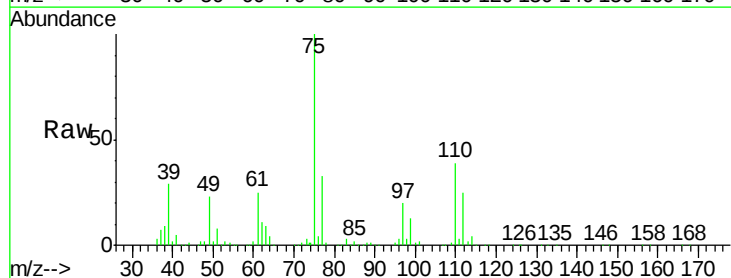
Acq: 26 Jun 2018 13:42

Tgt Ion: 75 Resp: 98503

Ion Ratio Lower Upper

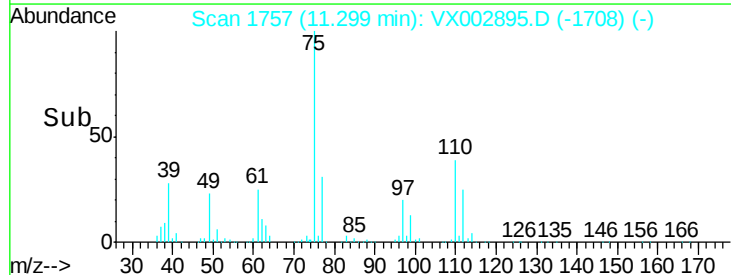
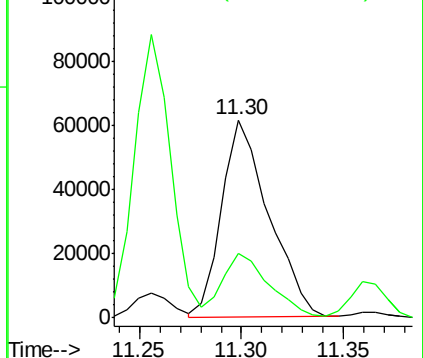
75 100

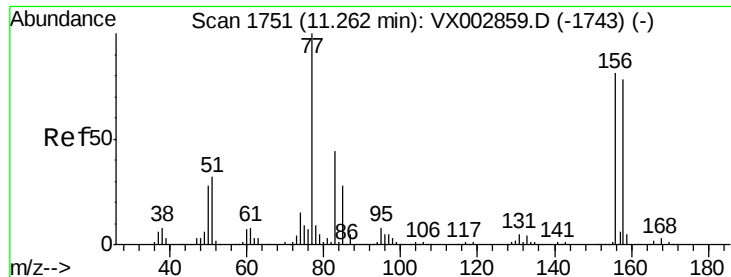
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.50 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

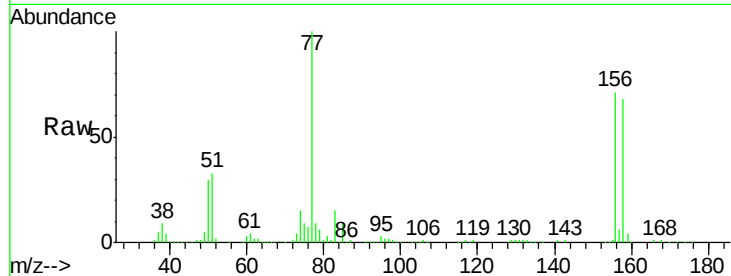
Tot Ion:156 Resp: 80399

Ion Ratio Lower Upper

156 100

77 136.7 71.4 214.2

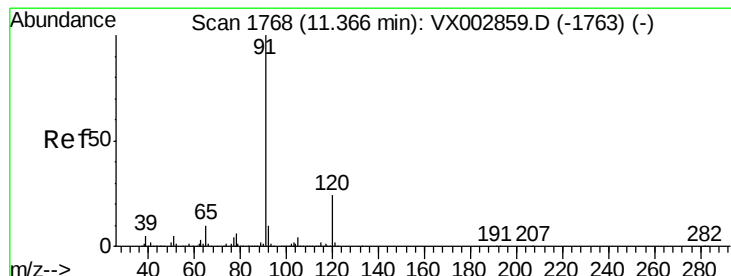
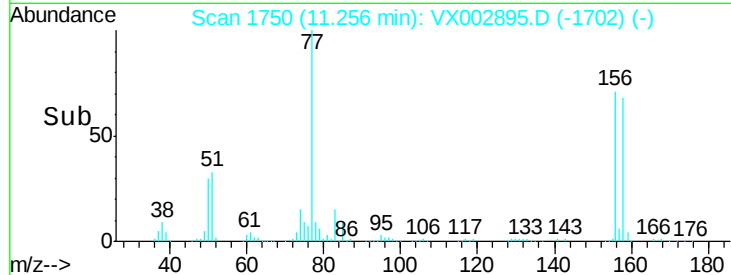
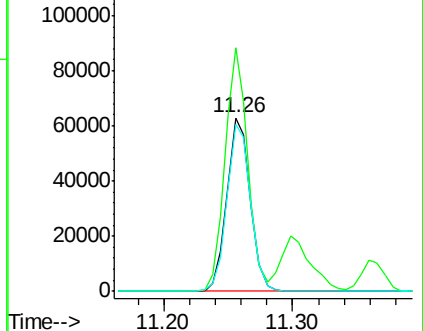
158 97.0 48.9 146.6



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: 20.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002895.D

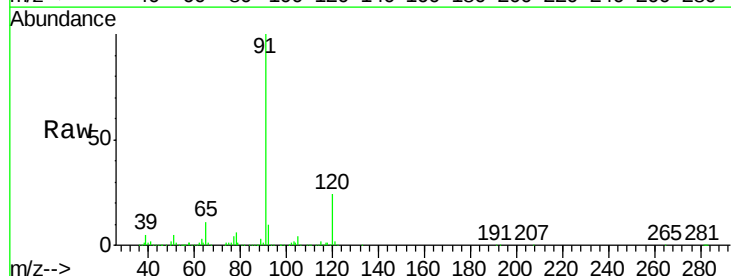
Acq: 26 Jun 2018 13:42

Tgt Ion: 91 Resp: 332816

Ion Ratio Lower Upper

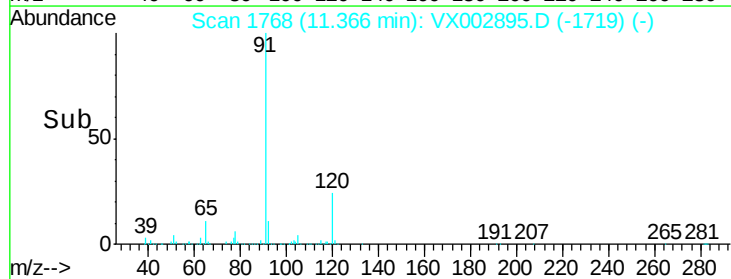
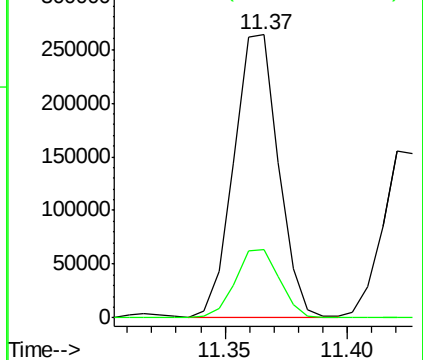
91 100

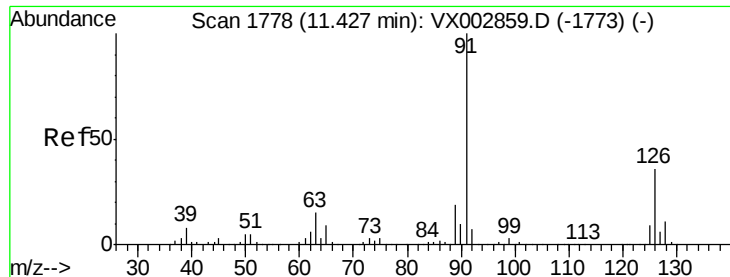
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

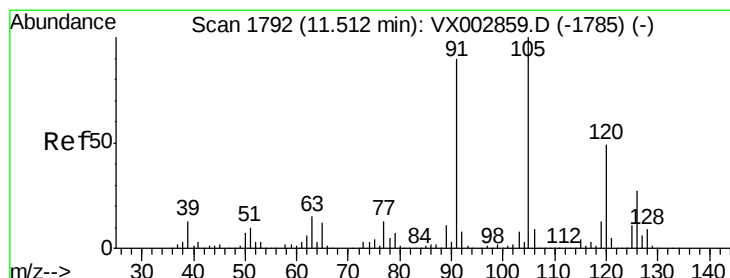
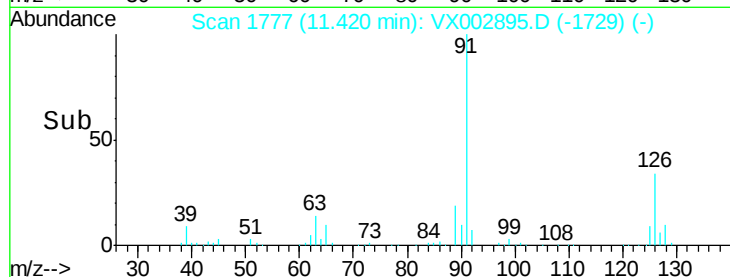
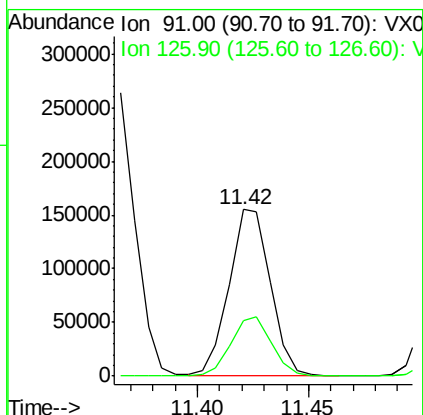
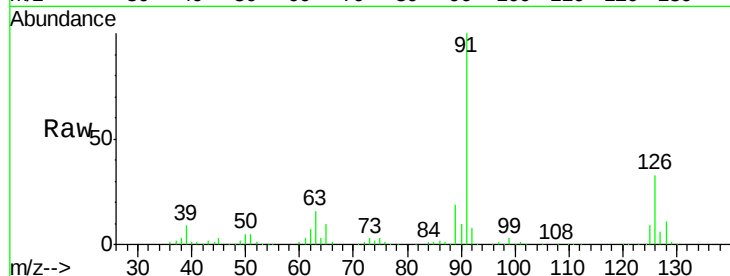




#79
 2-Chlorotoluene
 Concen: 20.03 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

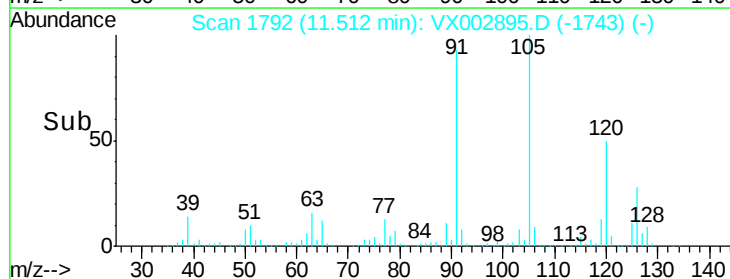
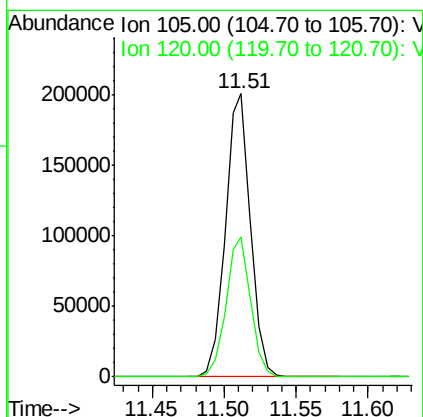
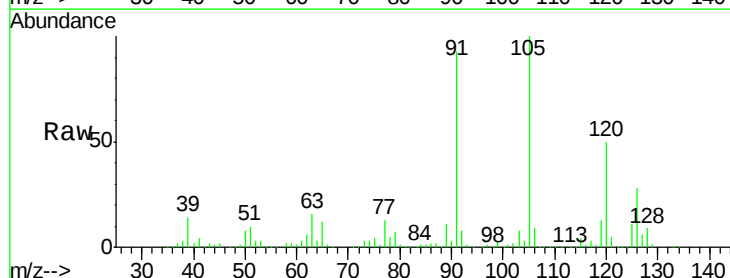
Instrument :
 MSVOA_X
 ClientSampled :

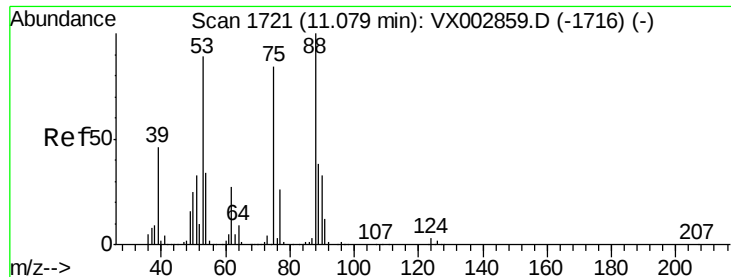
Tot Ion: 91 Resp: 199835
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.13 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion: 105 Resp: 245434
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampled :

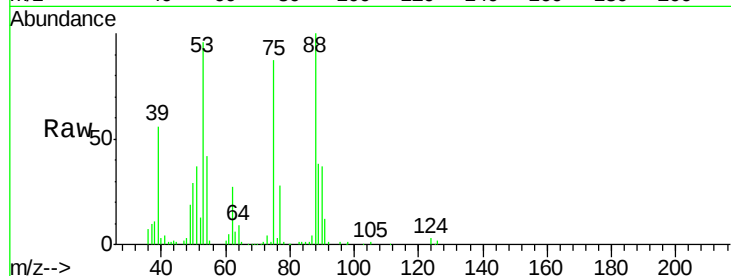
Tot Ion: 75 Resp: 21648

Ion Ratio Lower Upper

75 100

53 113.4 86.8 130.2

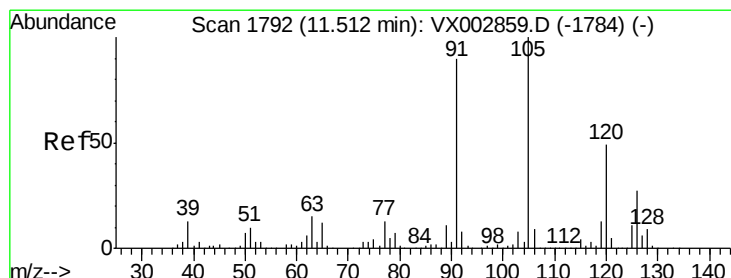
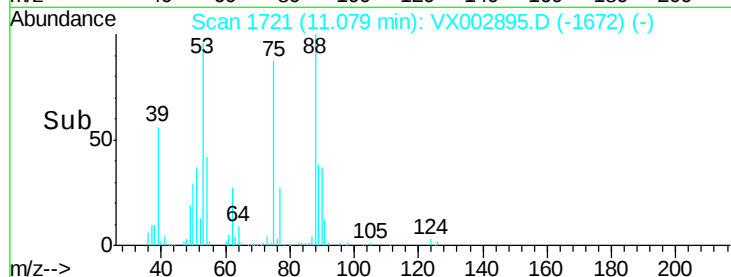
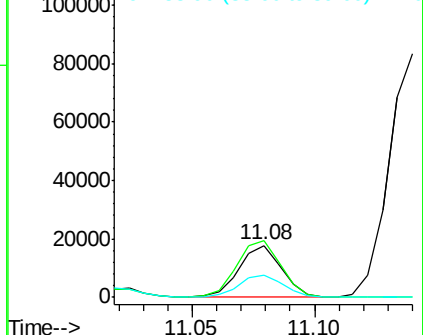
89 45.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002895.D

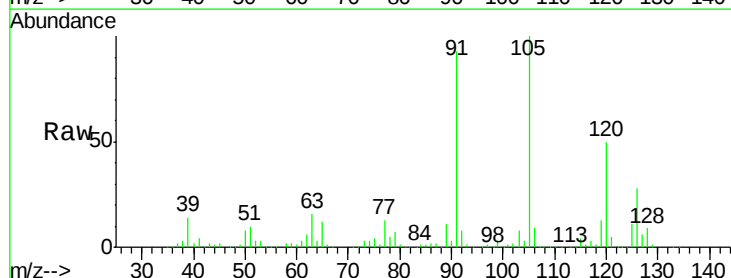
Acq: 26 Jun 2018 13:42

Tgt Ion: 91 Resp: 231531

Ion Ratio Lower Upper

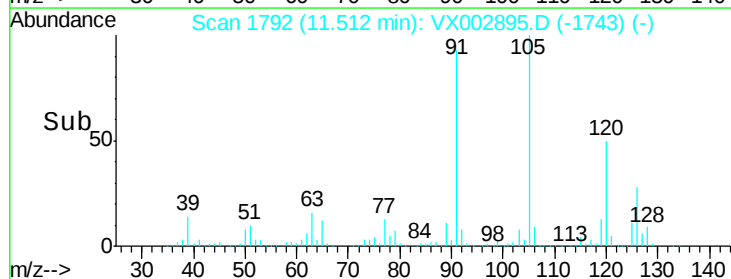
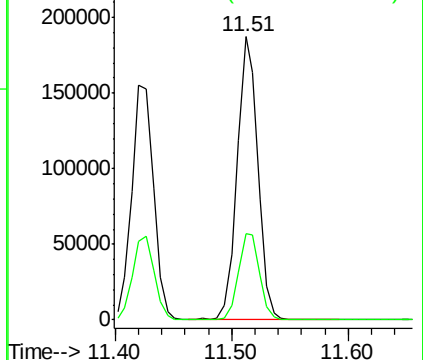
91 100

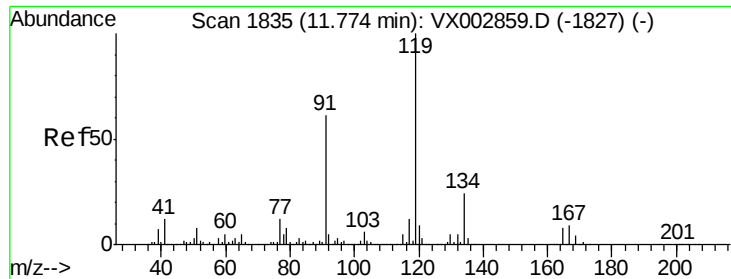
126 31.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

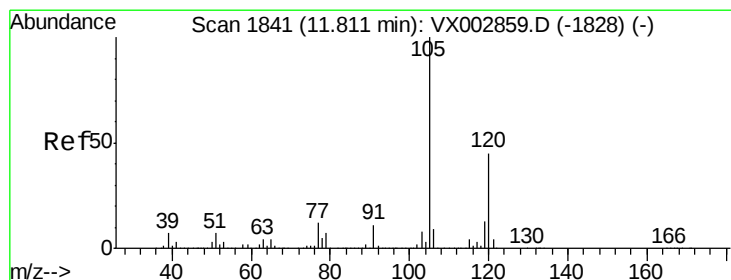
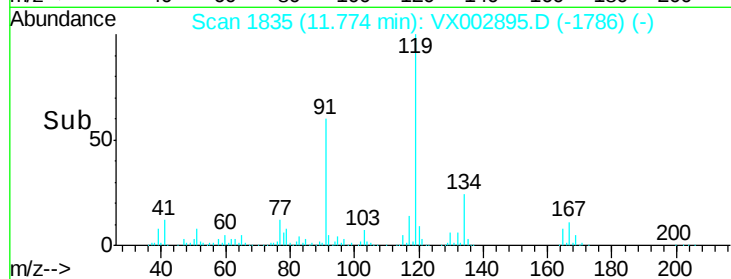
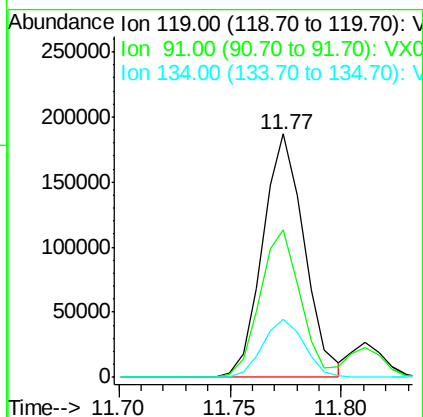
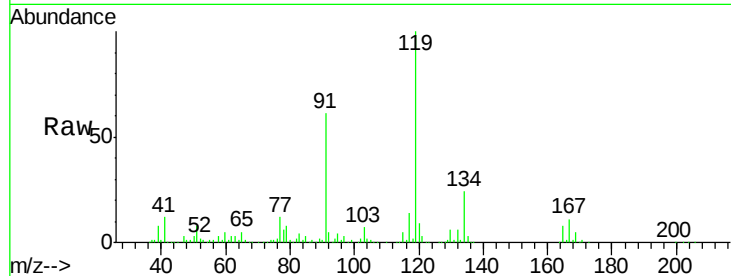




#83
tert-Butylbenzene
Concen: 20.21 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

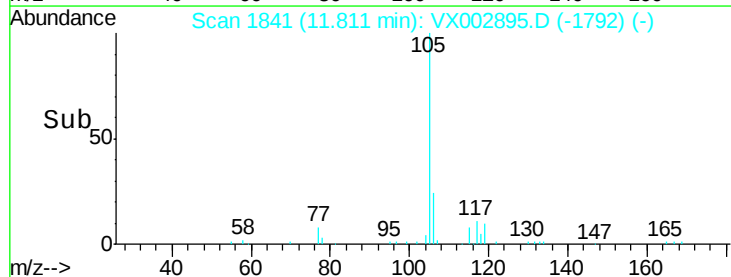
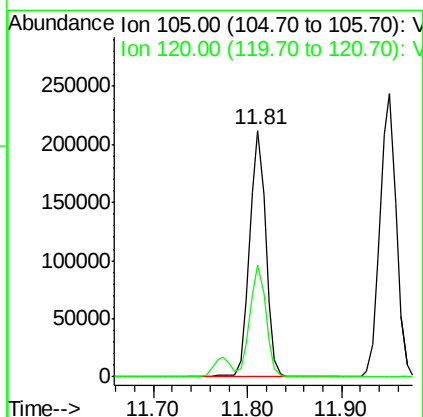
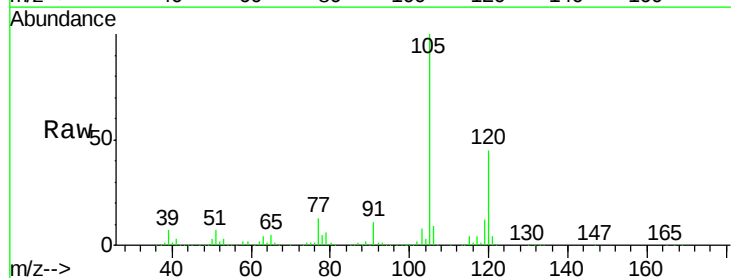
Instrument :
MSVOA_X
ClientSampleId :

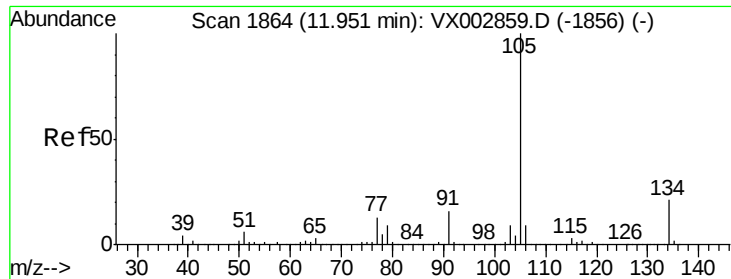
Tot Ion:119 Resp: 242879
Ion Ratio Lower Upper
119 100
91 59.5 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.18 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion:105 Resp: 254916
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

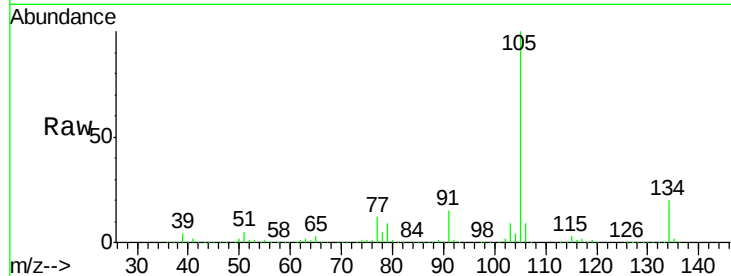
ClientSampled :

Tot Ion:105 Resp: 293257

Ion Ratio Lower Upper

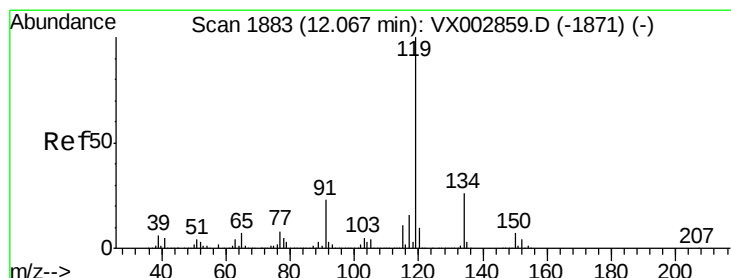
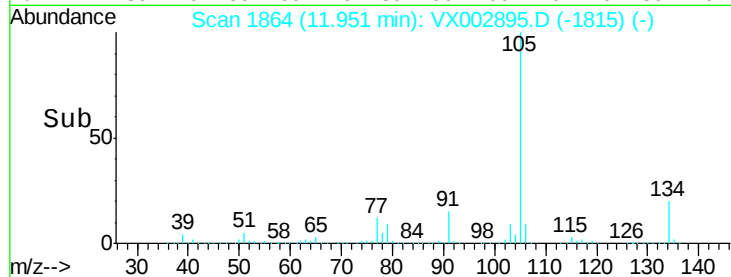
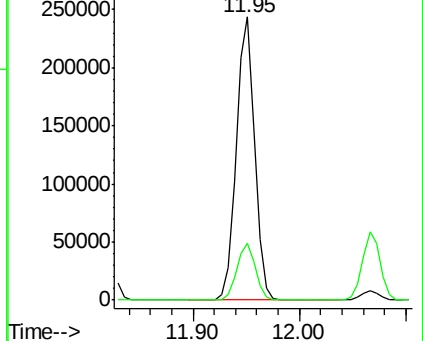
105 100

134 20.6 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: 20.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

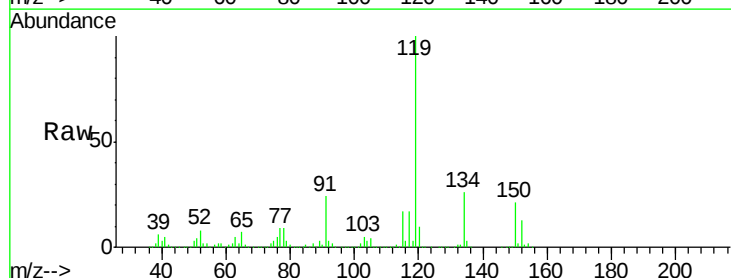
Tgt Ion:119 Resp: 264464

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

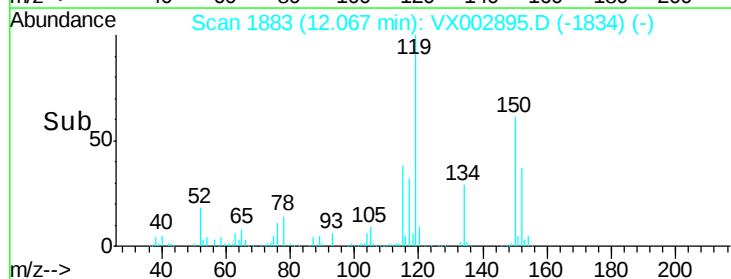
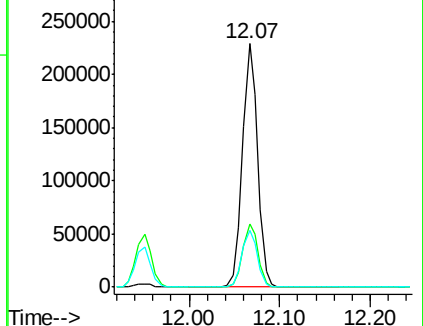
91 23.8 11.9 35.7

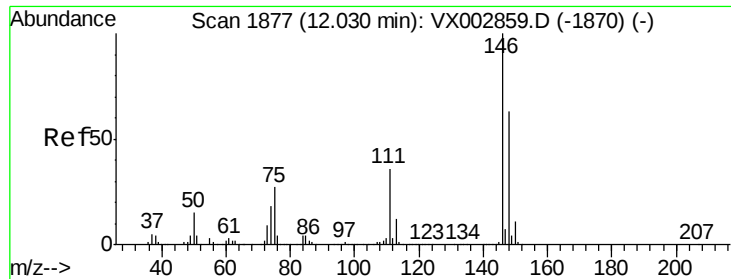


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.66 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

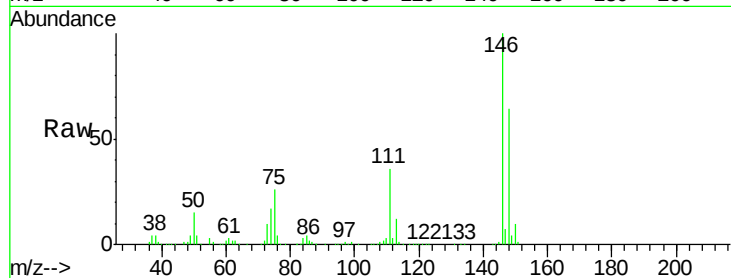
Tot Ion:146 Resp: 148063

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

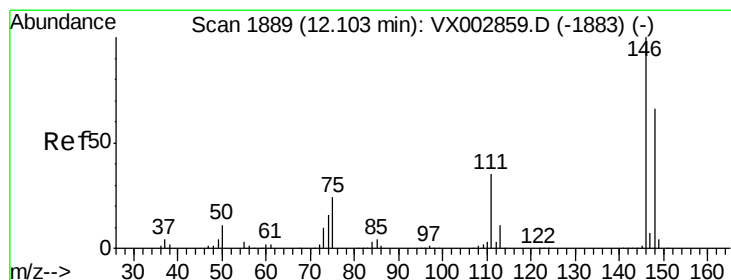
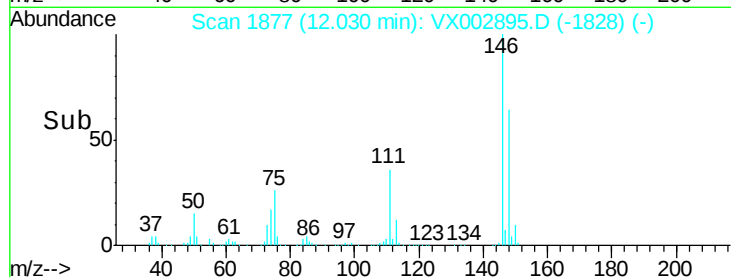
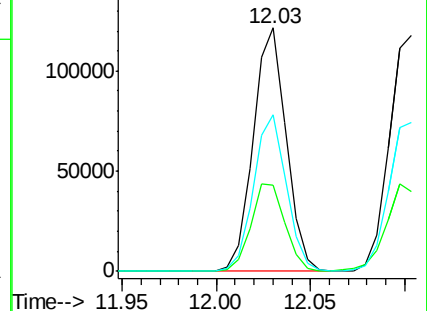
148 63.9 32.1 96.3



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: 19.13 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

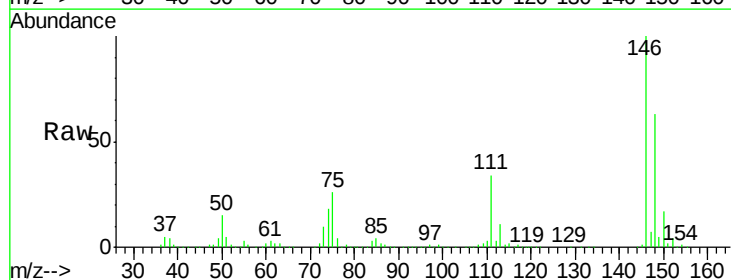
Tgt Ion:146 Resp: 148248

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

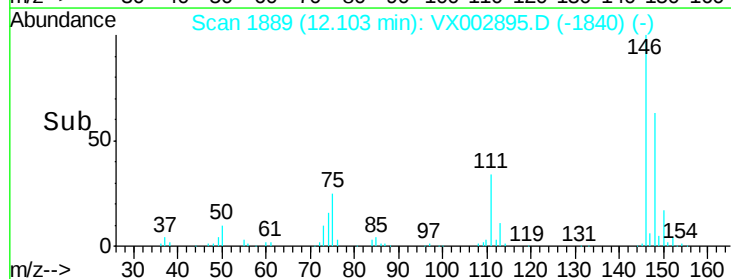
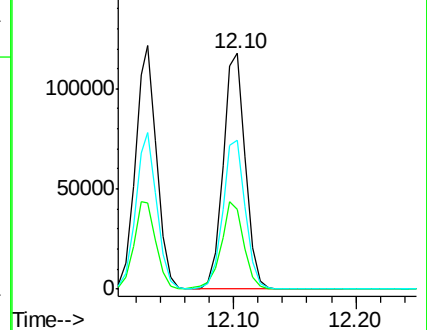
148 64.4 32.4 97.0

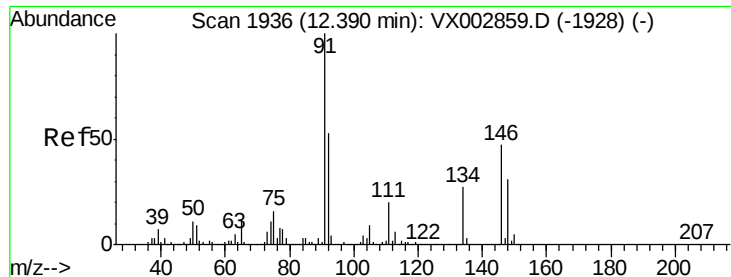


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.67 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampled :

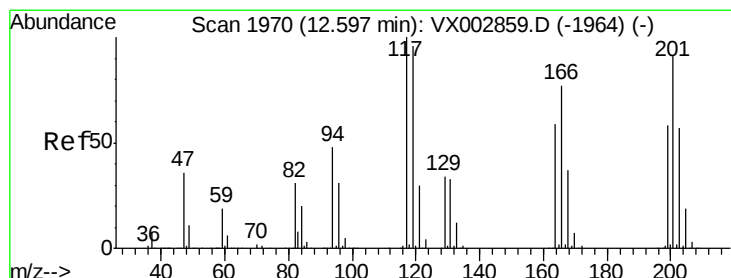
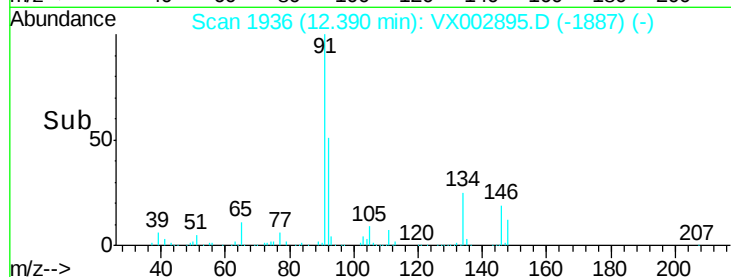
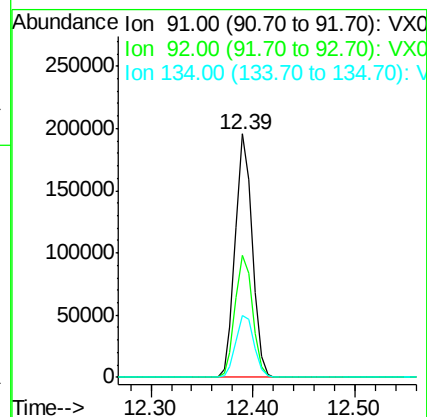
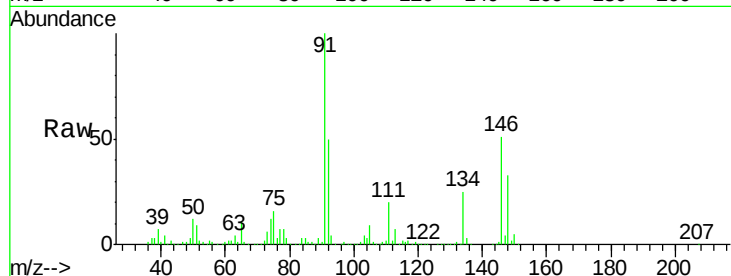
Tot Ion: 91 Resp: 224438

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 26.9 13.5 40.5



#90

Hexachloroethane

Concen: 18.67 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002895.D

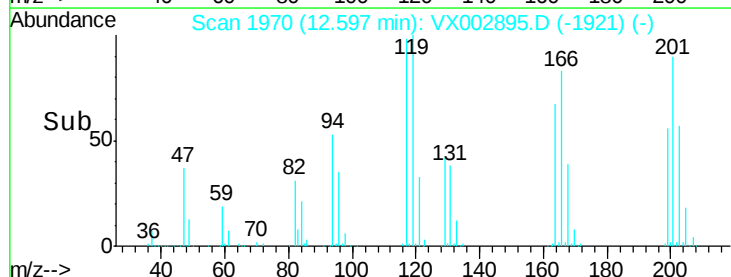
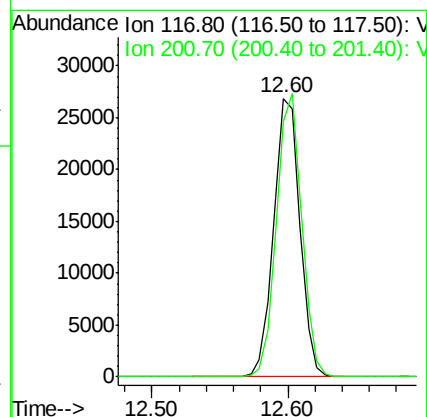
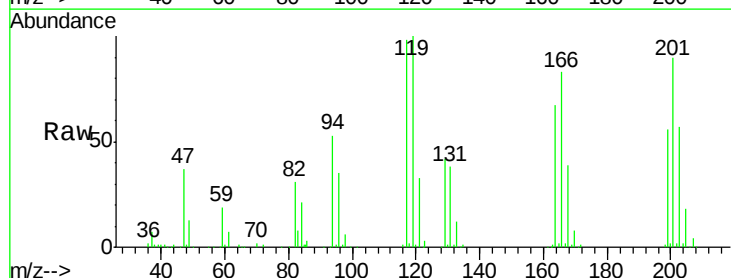
Acq: 26 Jun 2018 13:42

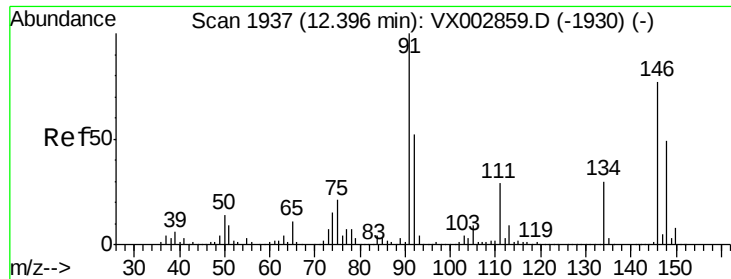
Tgt Ion: 117 Resp: 36396

Ion Ratio Lower Upper

117 100

201 97.8 49.0 147.0

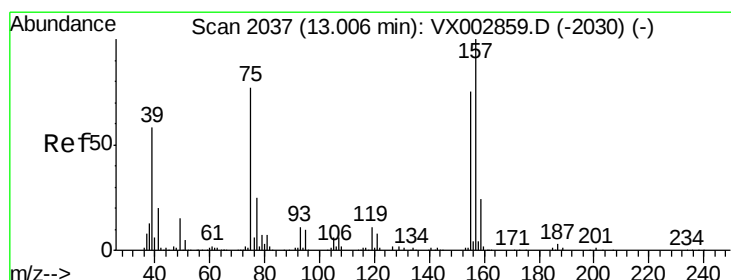
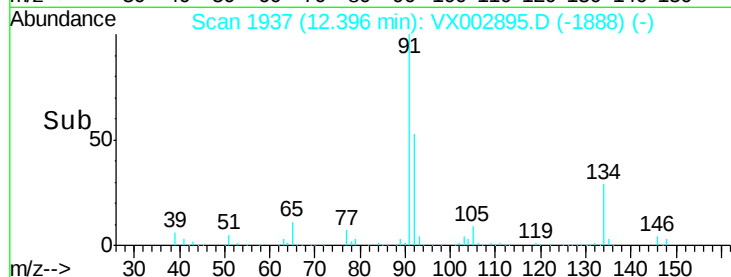
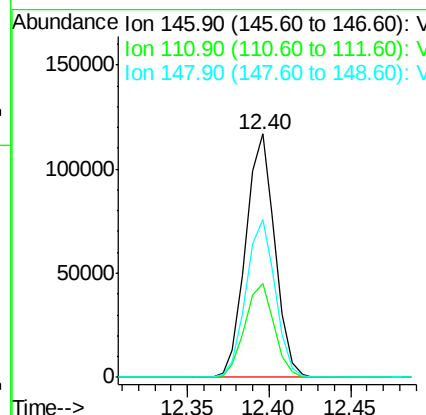
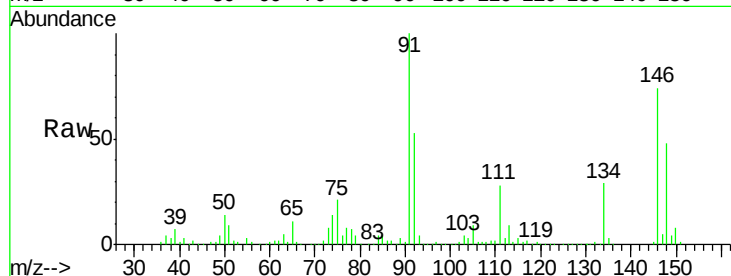




#91
1,2-Dichlorobenzene
Concen: 19.17 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

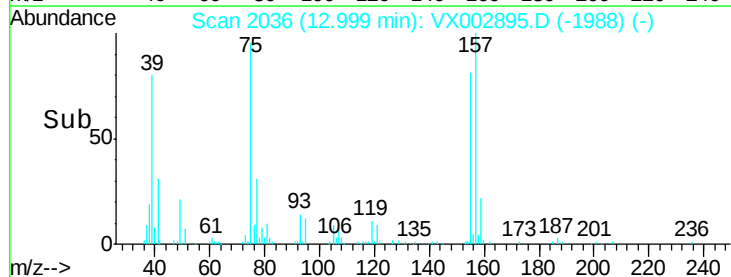
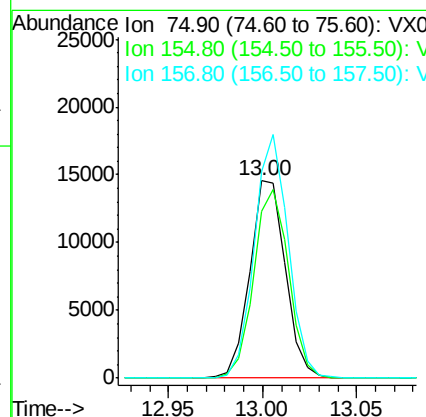
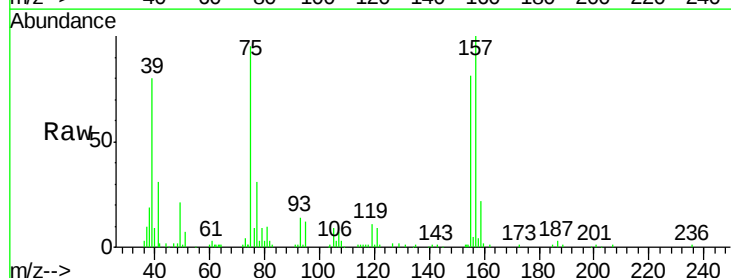
Instrument :
MSVOA_X
ClientSampleId :

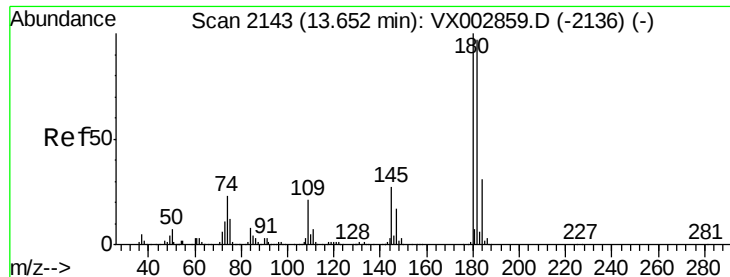
Tot Ion:146 Resp: 145679
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.1
148 65.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.02 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. -0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 75 Resp: 19070
Ion Ratio Lower Upper
75 100
155 93.5 45.8 137.4
157 117.0 60.1 180.3

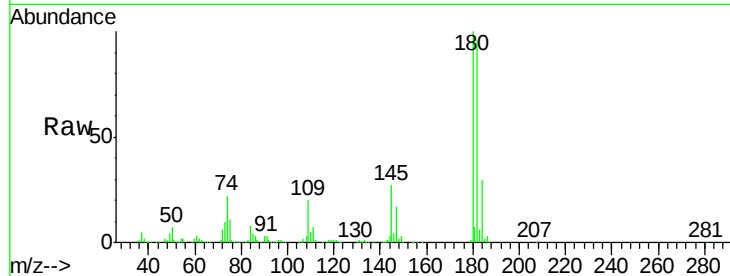




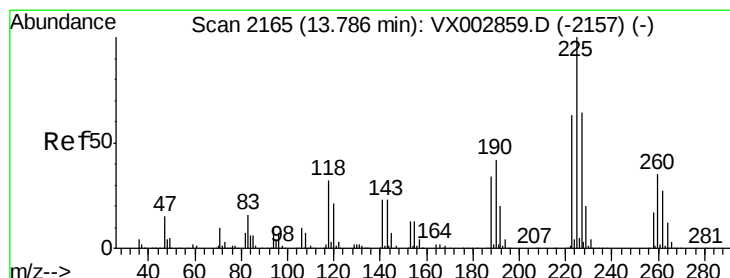
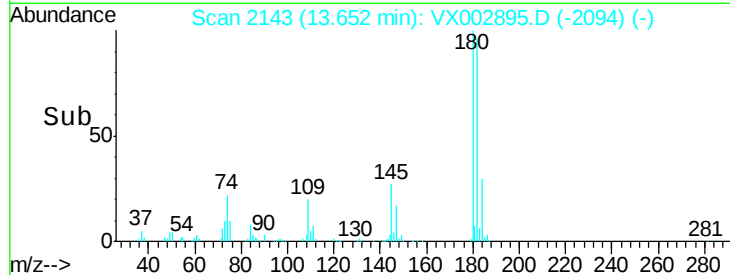
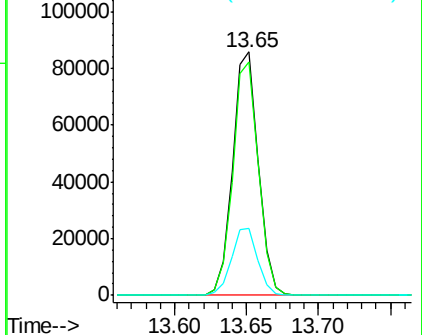
#93
 1,2,4-Trichlorobenzene
 Concen: 19.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 107017
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.1 14.1 42.4

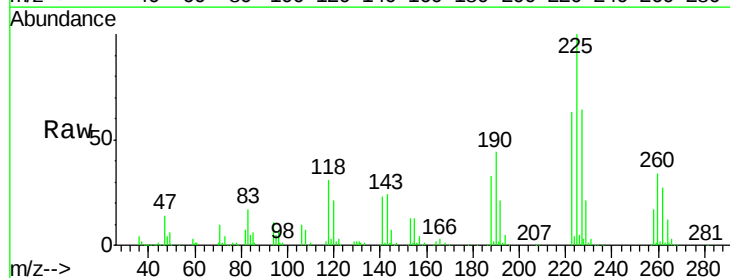


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

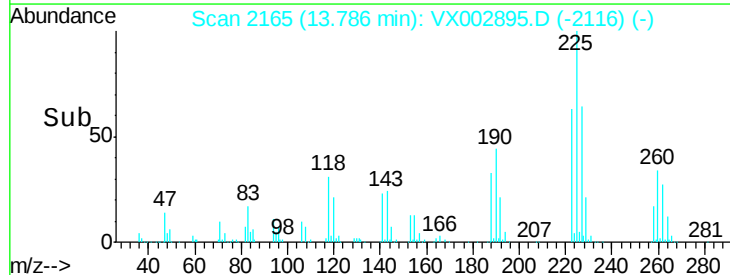
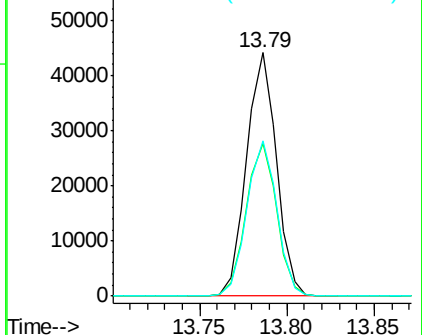


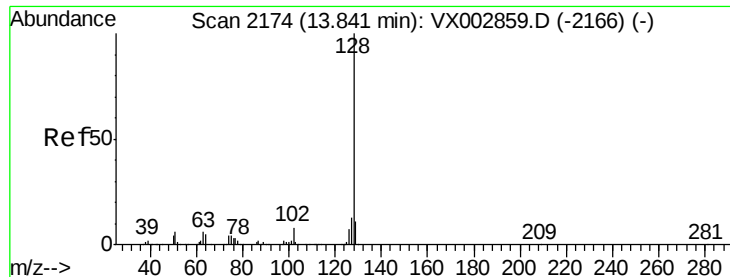
#94
 Hexachlorobutadiene
 Concen: 19.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion:225 Resp: 52527
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 95.0
 227 63.8 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

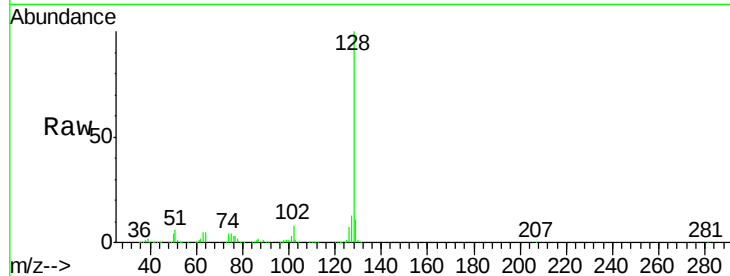
Tot Ion:128 Resp: 295516

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

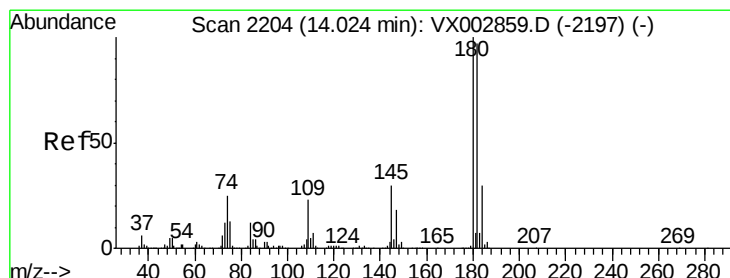
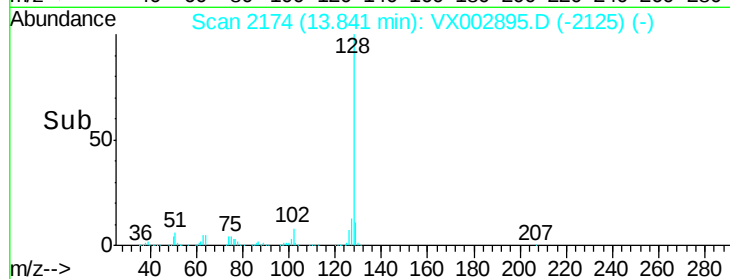
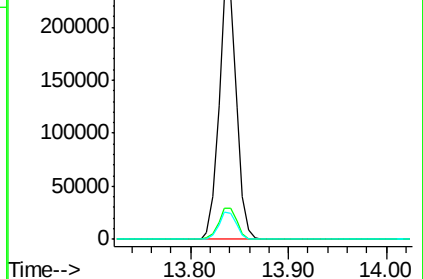
129 10.9 8.6 13.0



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: 19.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

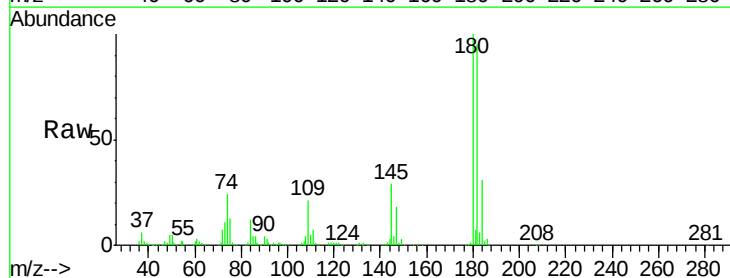
Tgt Ion:180 Resp: 109159

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 30.0 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

