

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002755.D
 Acq On : 20 Jun 2018 21:13
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 04:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205806	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	153407	42.63	ug/l	0.00
Spiked Amount			Recovery	=	85.26%	
35) Dibromofluoromethane	5.51	113	125745	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	8.72	98	448415	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	
62) 4-Bromofluorobenzene	11.14	95	173458	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	116539	46.36	ug/l	98
3) Chloromethane	1.32	50	120084	40.16	ug/l	100
4) Vinyl Chloride	1.41	62	133364	42.98	ug/l #	88
5) Bromomethane	1.64	94	37977	20.28	ug/l	99
6) Chloroethane	1.71	64	98795	48.30	ug/l	98
7) Trichlorofluoromethane	1.92	101	235059	46.62	ug/l	98
8) Diethyl Ether	2.19	74	82157	42.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129071	45.80	ug/l	100
10) Methyl Iodide	2.51	142	75675	23.02	ug/l	100
11) Tert butyl alcohol	3.09	59	175510	235.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118135	44.65	ug/l	96
13) Acrolein	2.30	56	90291	258.66	ug/l	99
14) Allyl chloride	2.73	41	229612	43.71	ug/l	99
15) Acrylonitrile	3.15	53	368885	227.24	ug/l	99
16) Acetone	2.45	43	346750	218.41	ug/l	100
17) Carbon Disulfide	2.57	76	346848	55.27	ug/l	99
18) Methyl Acetate	2.78	43	200774	47.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	433318	43.66	ug/l	98
20) Methylene Chloride	2.86	84	127598	39.20	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125113	43.59	ug/l	96
22) Diisopropyl ether	3.88	45	427054	44.93	ug/l	98
23) Vinyl Acetate	3.83	43	1875110	235.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243823	47.26	ug/l	99
25) 2-Butanone	4.71	43	517935	248.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146696	39.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	135551	46.41	ug/l	95
28) Bromochloromethane	5.03	49	104553	43.28	ug/l	94
29) Tetrahydrofuran	5.17	42	337345	246.88	ug/l	97
30) Chloroform	5.22	83	241435	48.53	ug/l	100
31) Cyclohexane	5.58	56	199299	46.92	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	216595	52.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	172097	48.97	ug/l	99
37) Ethyl Acetate	4.87	43	202215	50.84	ug/l	99
38) Carbon Tetrachloride	5.79	117	195272	55.80	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199208	48.49	ug/l	99
40) Benzene	6.15	78	510258	48.42	ug/l	100
41) Methacrylonitrile	5.07	41	114726	51.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200742	49.21	ug/l	100
43) Isopropyl Acetate	6.48	43	329227	49.96	ug/l	99
44) Trichloroethene	7.22	130	150853	49.60	ug/l	98
45) 1,2-Dichloropropane	7.52	63	134661	48.56	ug/l	97
46) Dibromomethane	7.66	93	94912	51.16	ug/l	98
47) Bromodichloromethane	7.90	83	183860	56.19	ug/l	98
48) Methyl methacrylate	7.79	41	169881	50.44	ug/l	97
49) 1,4-Dioxane	7.76	88	68597	1075.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1094015	258.55	ug/l	99
52) Toluene	8.79	92	332714	49.50	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	202579	46.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188862	45.99	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138682	51.06	ug/l	98
56) Ethyl methacrylate	9.19	69	216028	51.68	ug/l	97
57) 1,3-Dichloropropane	9.38	76	224672	48.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	434018	214.68	ug/l	99
59) 2-Hexanone	9.50	43	843967	264.69	ug/l	99
60) Dibromochloromethane	9.59	129	154736	50.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148020	52.62	ug/l	100
64) Tetrachloroethene	9.34	164	154373	43.30	ug/l	99
65) Chlorobenzene	10.14	112	385171	48.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146033	54.31	ug/l	99
67) Ethyl Benzene	10.26	91	656530	49.35	ug/l	99
68) m/p-Xylenes	10.37	106	510325	99.44	ug/l	100
69) o-Xylene	10.70	106	248572	49.30	ug/l	97
70) Styrene	10.72	104	417526	50.35	ug/l	99
71) Bromoform	10.86	173	122261	49.95	ug/l #	99
73) Isopropylbenzene	11.02	105	677237	49.20	ug/l	99
74) N-amyl acetate	6.48	43	329227	48.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221319	54.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227889	58.68	ug/l	80
77) Bromobenzene	11.26	156	187308	48.85	ug/l	97
78) n-propylbenzene	11.37	91	769124	48.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	459240	48.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576510	49.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44337	37.66	ug/l	98
82) 4-Chlorotoluene	11.51	91	545920	49.09	ug/l	100
83) tert-Butylbenzene	11.77	119	573529	51.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	595802	50.20	ug/l	100
85) sec-Butylbenzene	11.95	105	684273	49.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	620568	49.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	339831	48.32	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	345594	48.30	ug/l	99
89) n-Butylbenzene	12.39	91	527628	47.44	ug/l	100
90) Hexachloroethane	12.60	117	82647	42.47	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	347197	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50743	59.60	ug/l	96

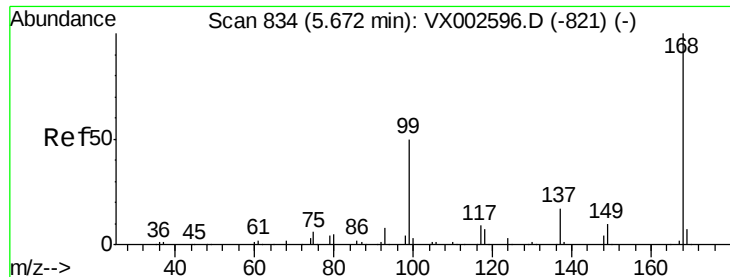
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255668	49.77	ug/l	100
94) Hexachlorobutadiene	13.79	225	127950	47.28	ug/l	99
95) Naphthalene	13.84	128	739763	53.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	263253	51.03	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

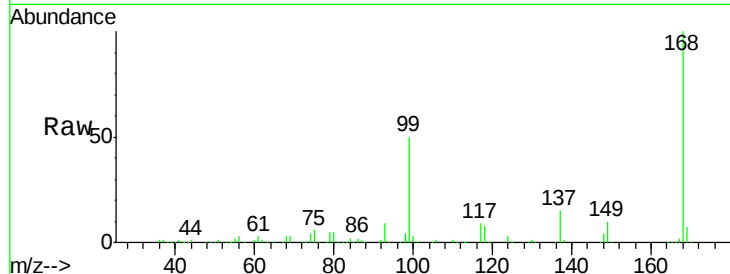
ClientSampled :

Tot Ion:168 Resp: 236802

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

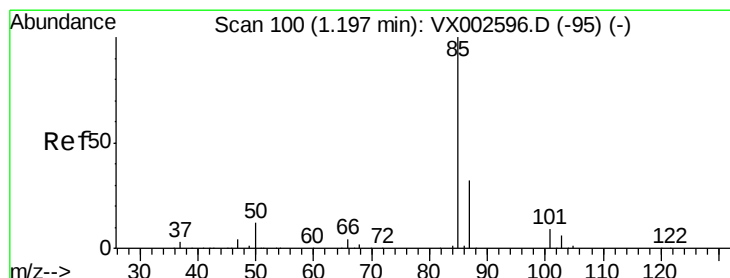
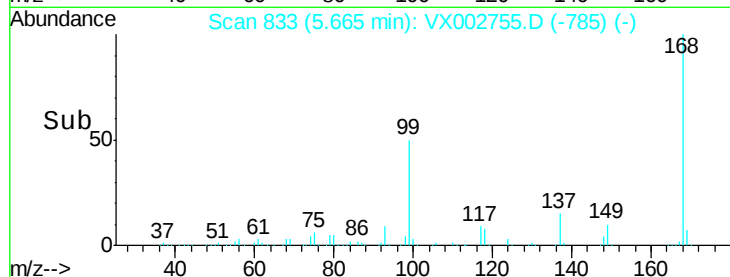
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002755.D

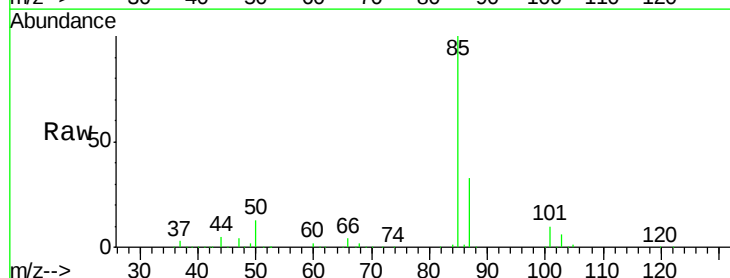
Acq: 20 Jun 2018 21:13

Tgt Ion: 85 Resp: 116539

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

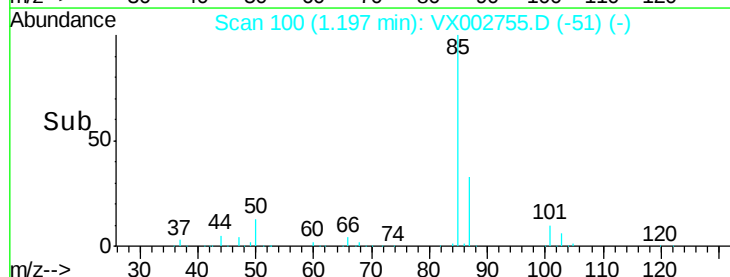
1.20

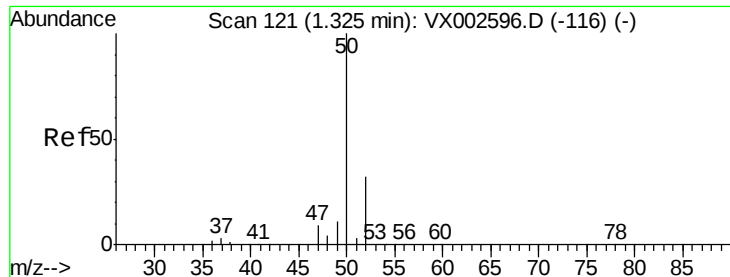
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 40.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

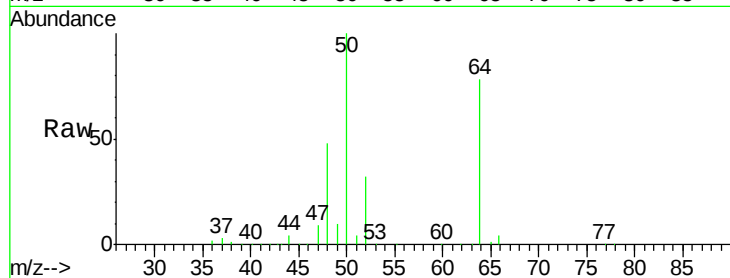
ClientSampleId :

Tot Ion: 50 Resp: 120084

Ion Ratio Lower Upper

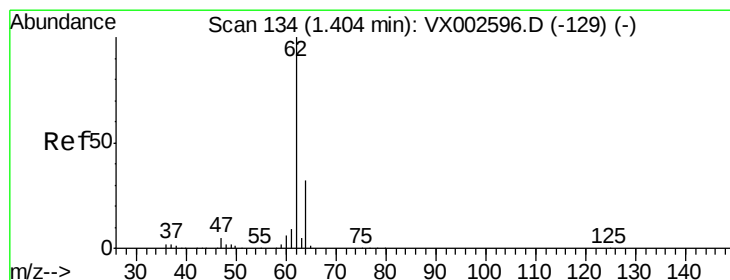
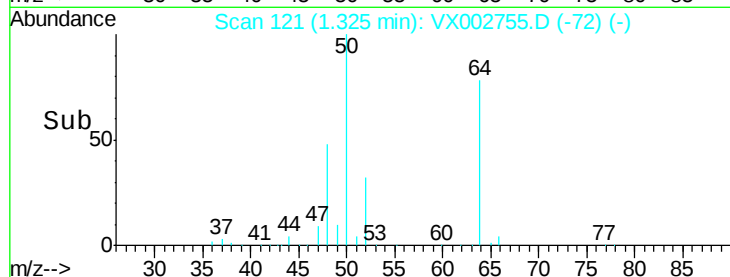
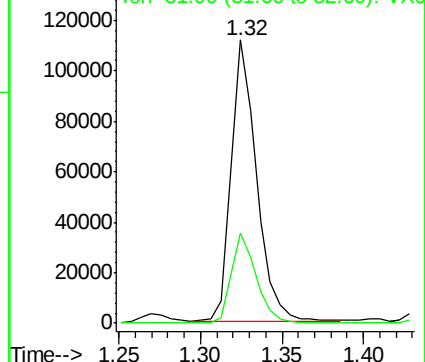
50 100

52 32.1 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: 42.98 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002755.D

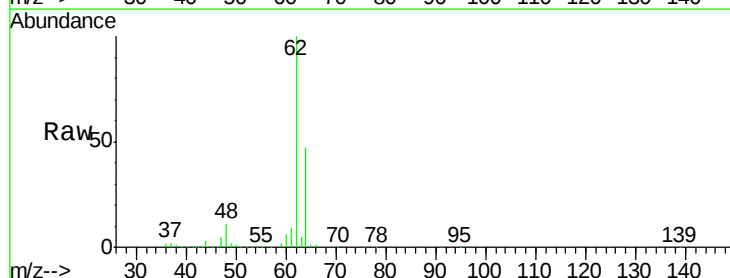
Acq: 20 Jun 2018 21:13

Tgt Ion: 62 Resp: 133364

Ion Ratio Lower Upper

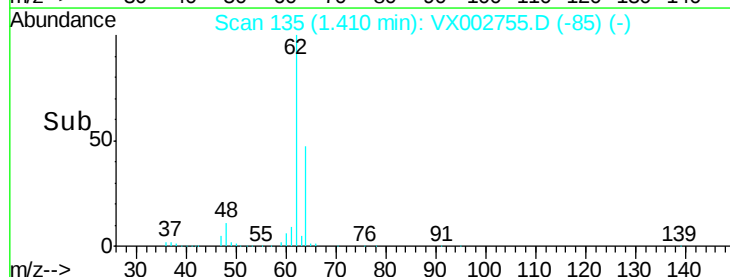
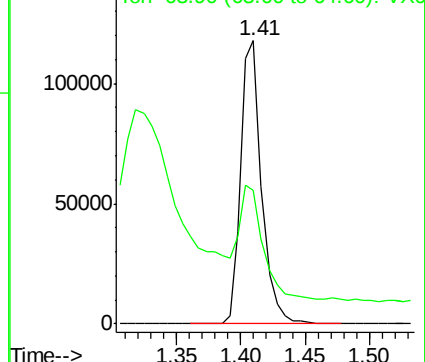
62 100

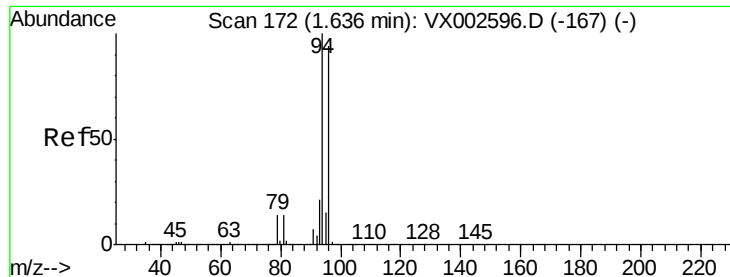
64 38.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.28 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

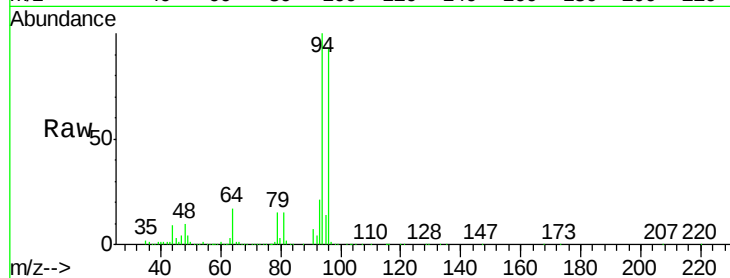
ClientSampled :

Tot Ion: 94 Resp: 37977

Ion Ratio Lower Upper

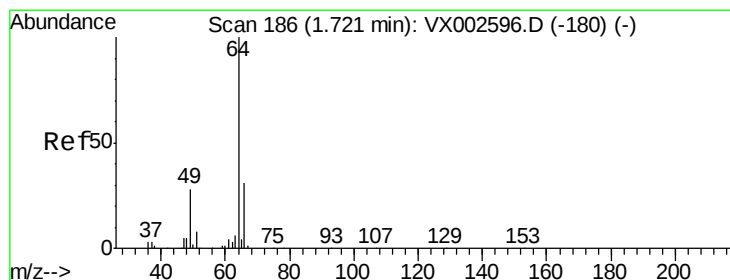
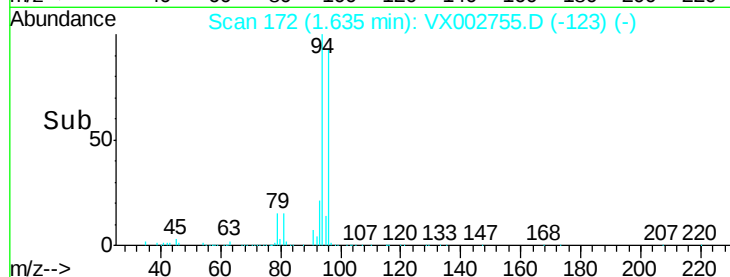
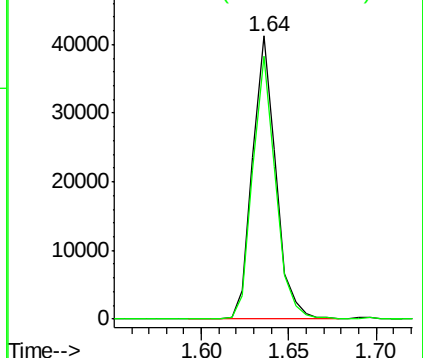
94 100

96 92.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.30 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002755.D

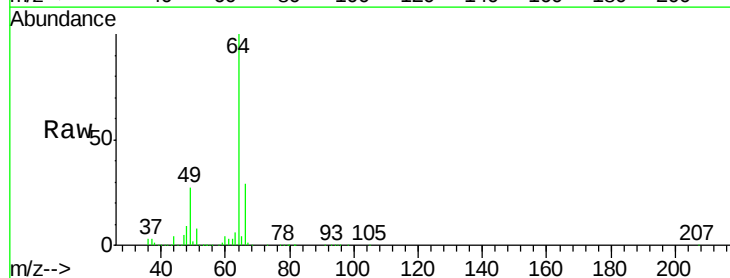
Acq: 20 Jun 2018 21:13

Tgt Ion: 64 Resp: 98795

Ion Ratio Lower Upper

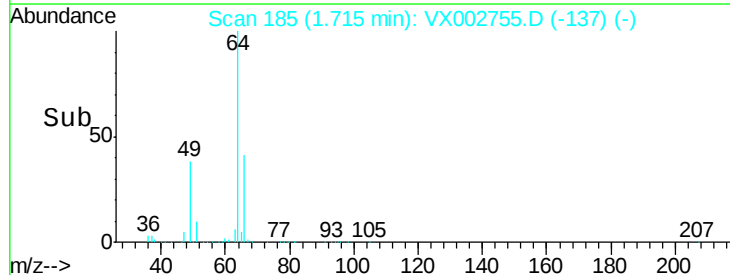
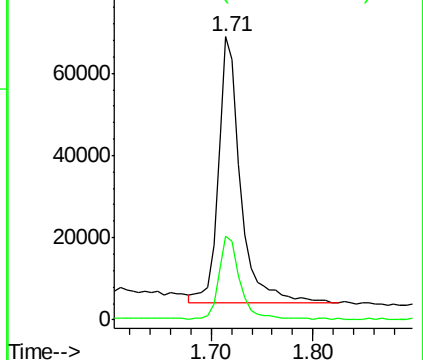
64 100

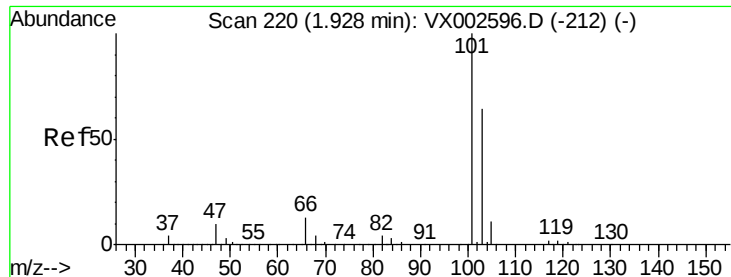
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



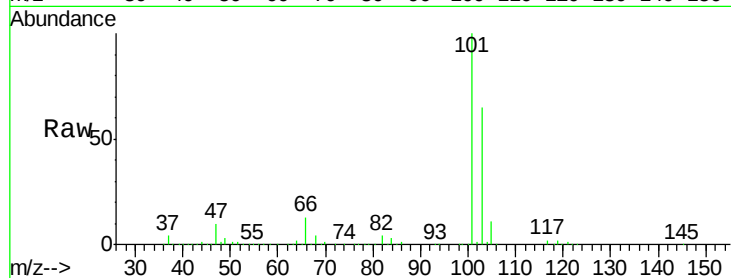


#7

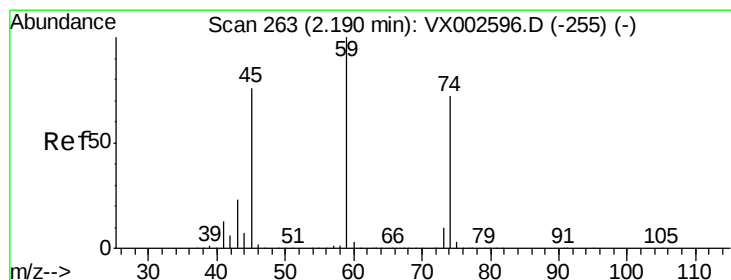
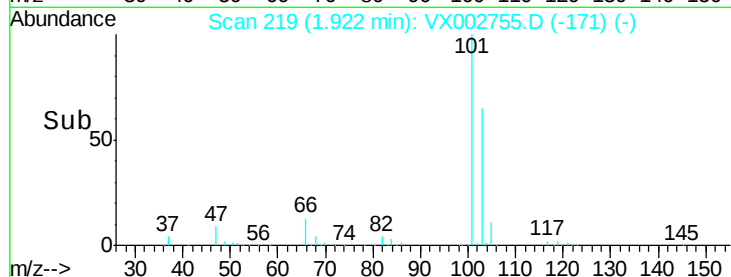
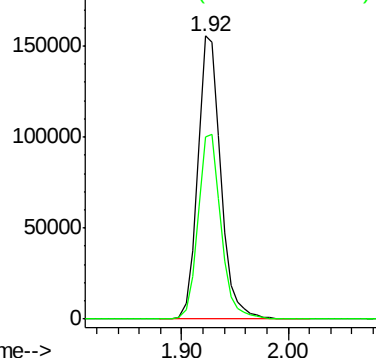
Trichlorofluoromethane
Concen: 46.62 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 235059
Ion Ratio Lower Upper
101 100
103 64.5 52.8 79.2



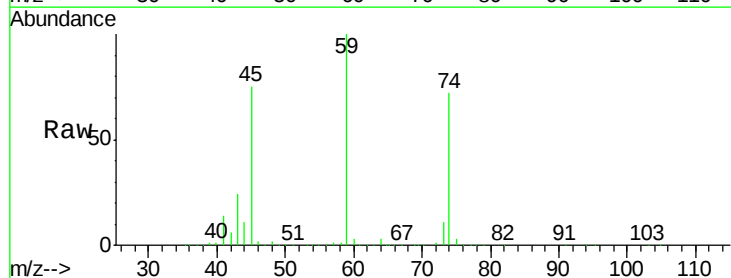
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



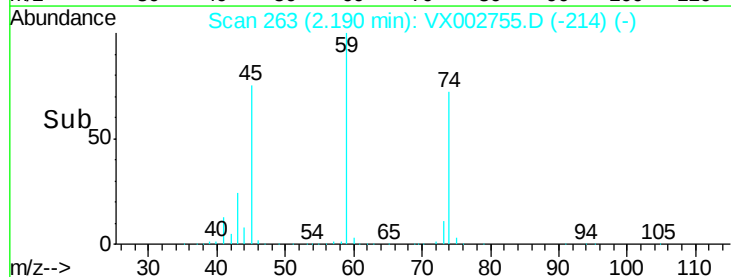
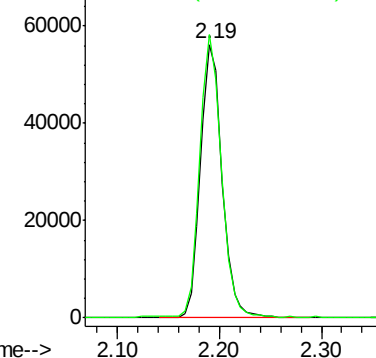
#8

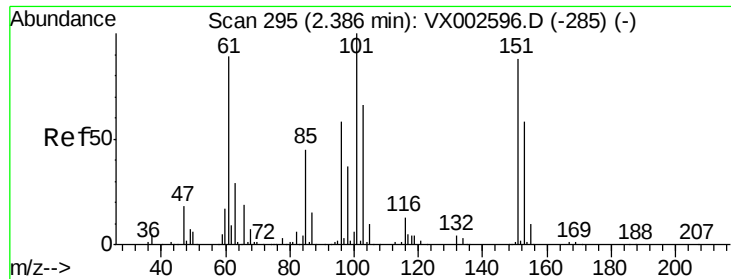
Diethyl Ether
Concen: 42.84 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 74 Resp: 82157
Ion Ratio Lower Upper
74 100
45 102.6 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: 45.80 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

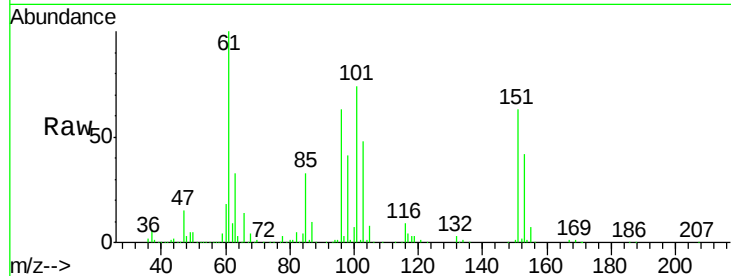
Tot Ion:101 Resp: 129071

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

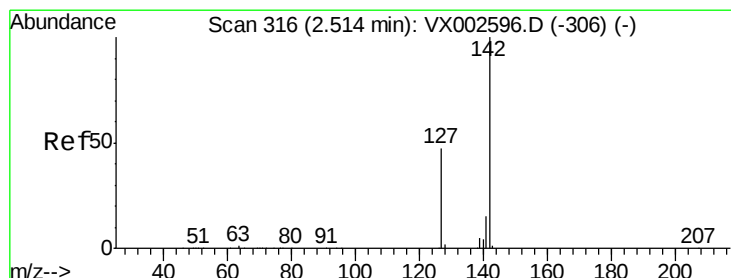
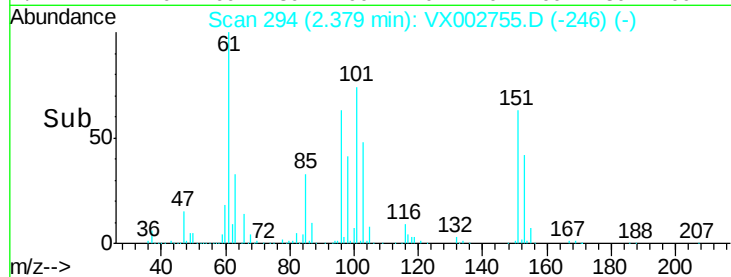
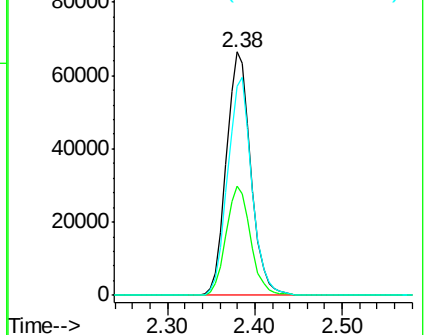
151 88.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.02 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

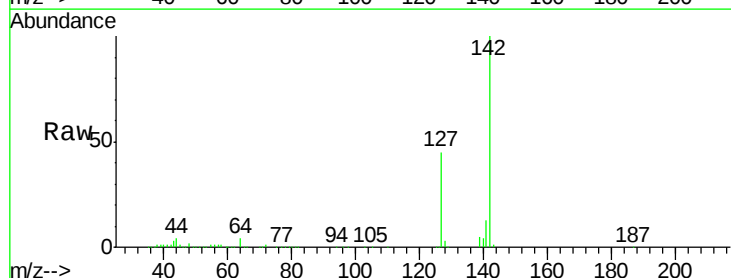
Tgt Ion:142 Resp: 75675

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

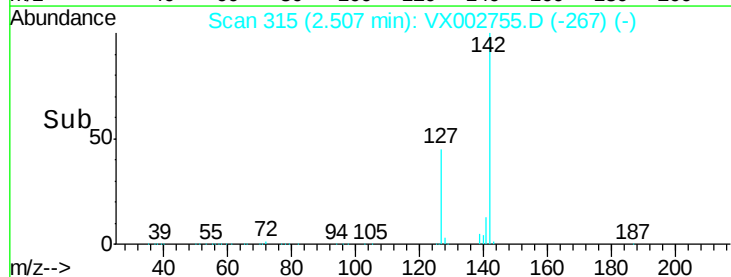
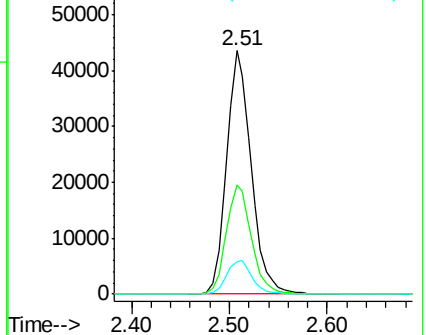
141 14.4 11.3 16.9

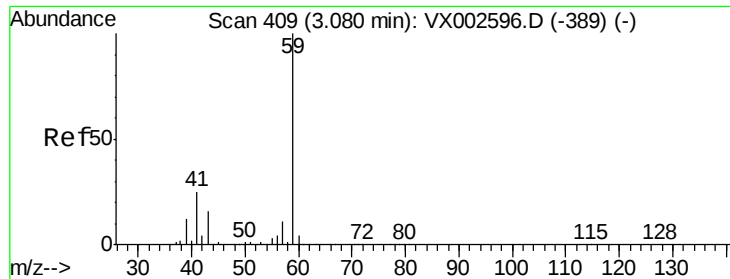


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

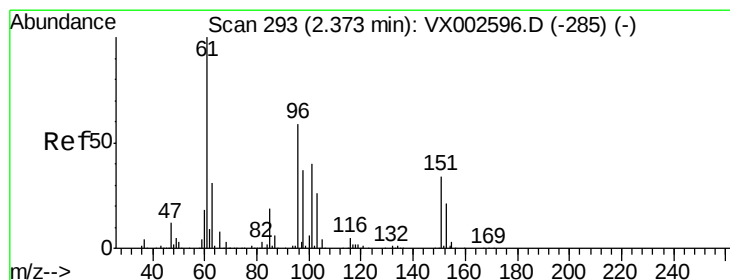
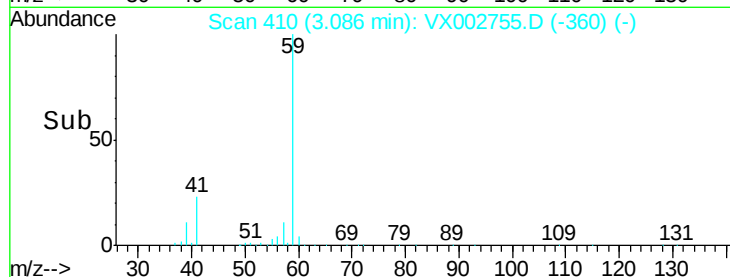
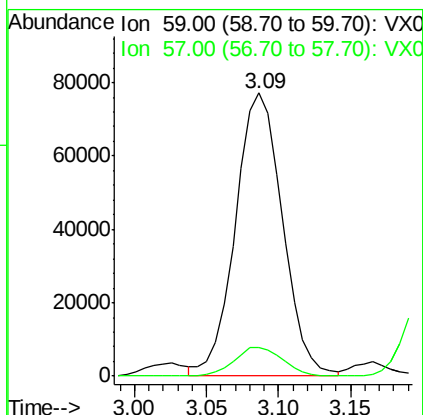
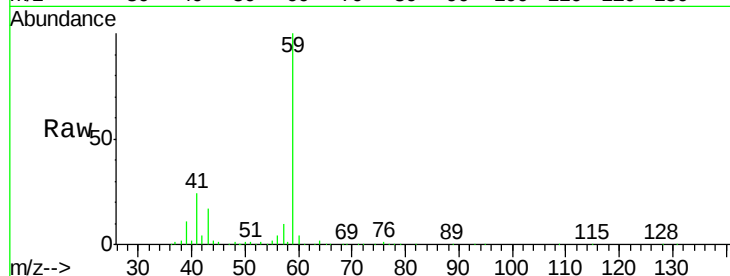




#11
Tert butyl alcohol
Concen: 235.93 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

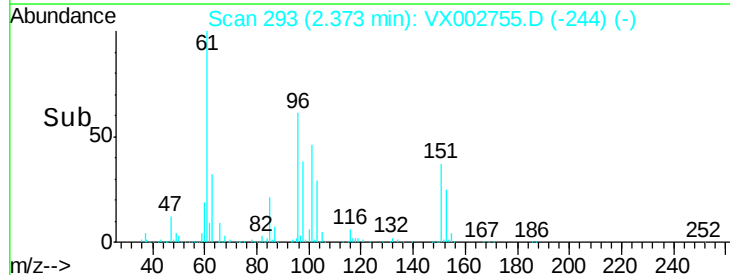
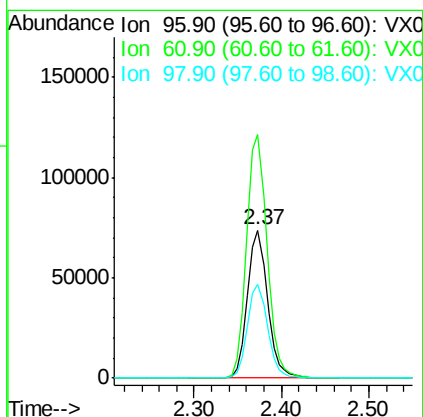
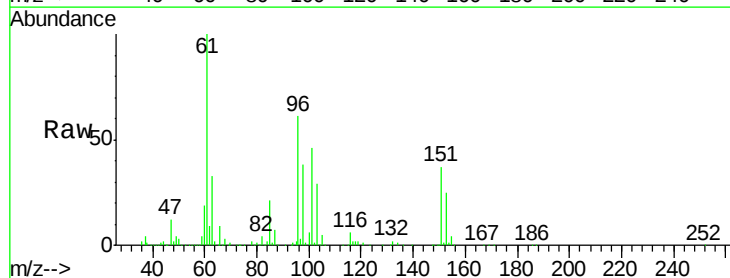
Instrument :
MSVOA_X
ClientSampled :

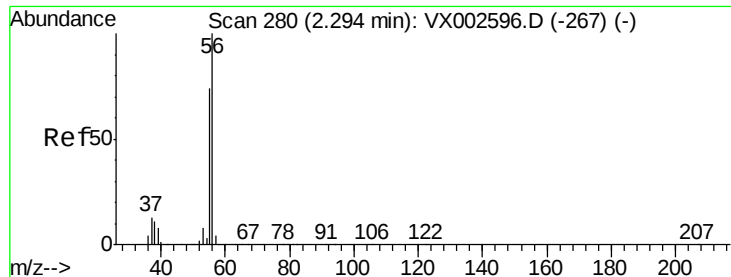
Tot Ion: 59 Resp: 175510
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 96 Resp: 118135
Ion Ratio Lower Upper
96 100
61 164.8 137.9 206.9
98 63.4 51.6 77.4





#13

Acrolein

Concen: 258.66 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

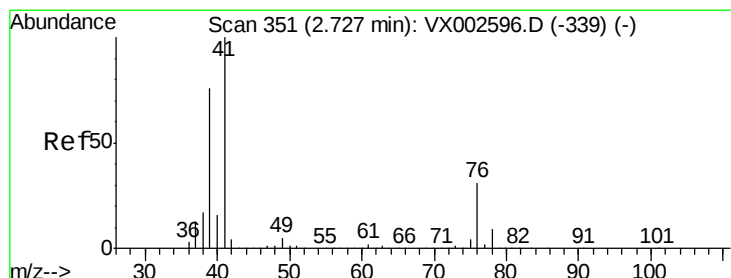
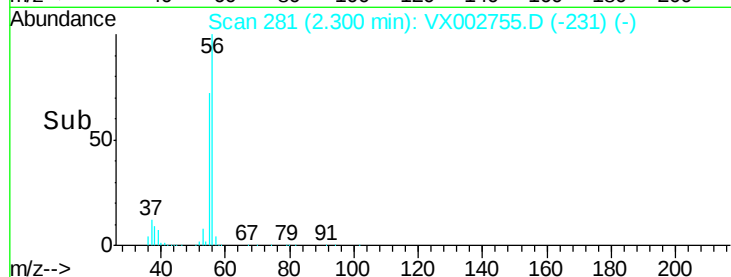
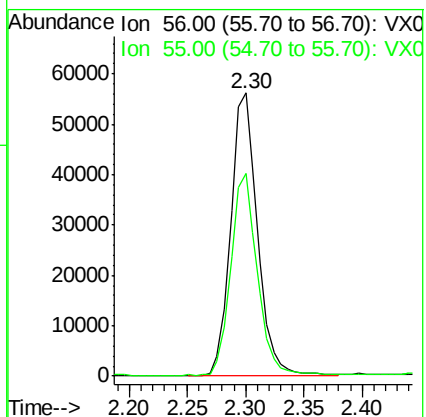
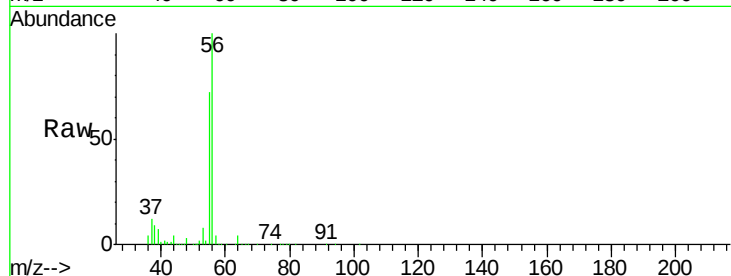
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 90291

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 43.71 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

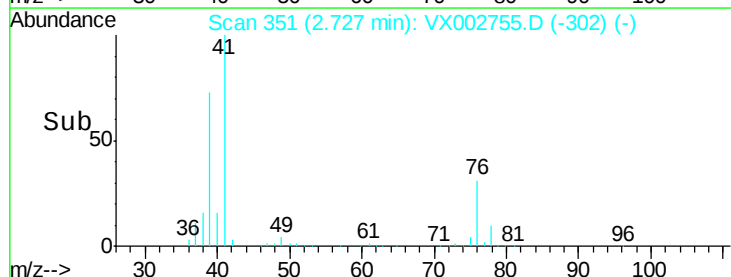
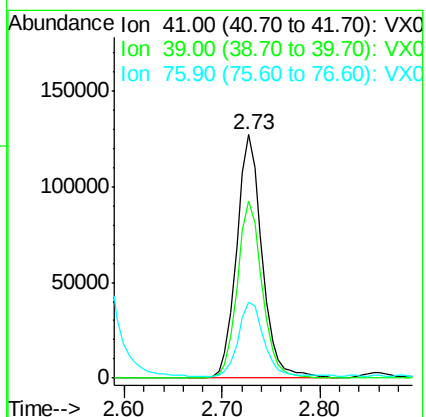
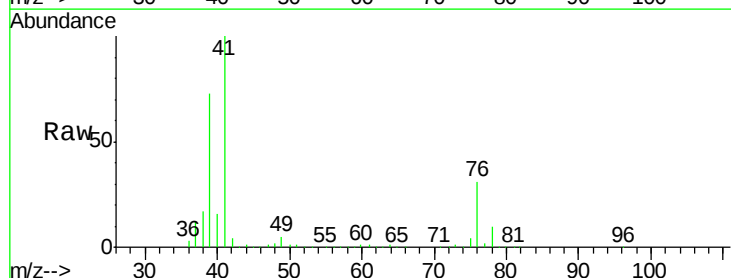
Tgt Ion: 41 Resp: 229612

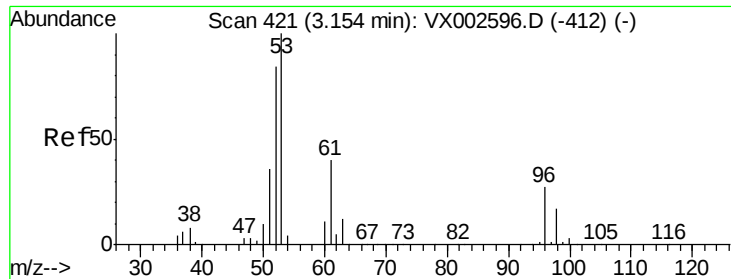
Ion Ratio Lower Upper

41 100

39 70.7 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 227.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampled :

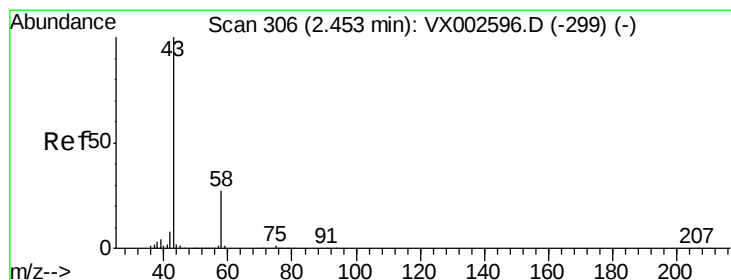
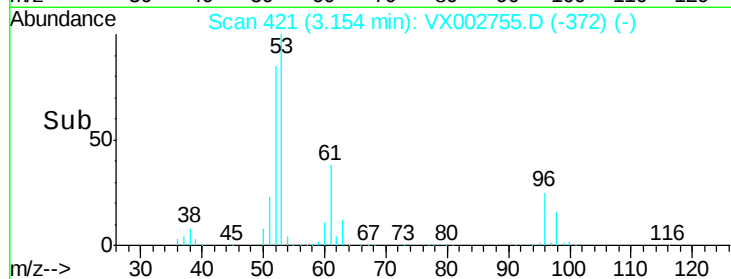
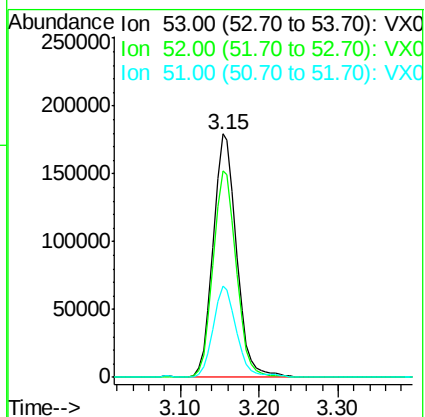
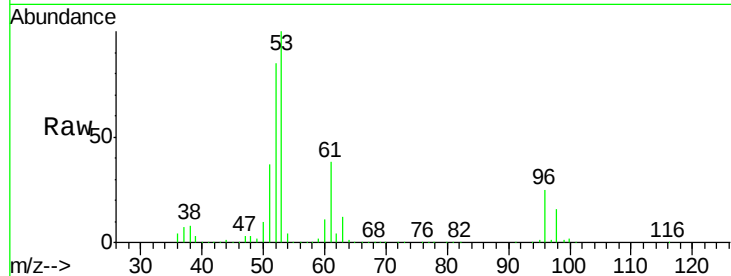
Tot Ion: 53 Resp: 368885

Ion Ratio Lower Upper

53 100

52 84.4 66.7 100.1

51 37.7 29.9 44.9



#16

Acetone

Concen: 218.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002755.D

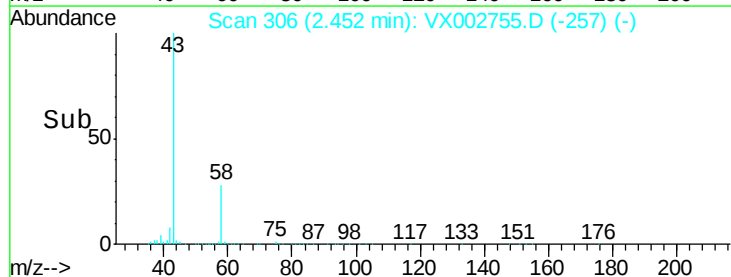
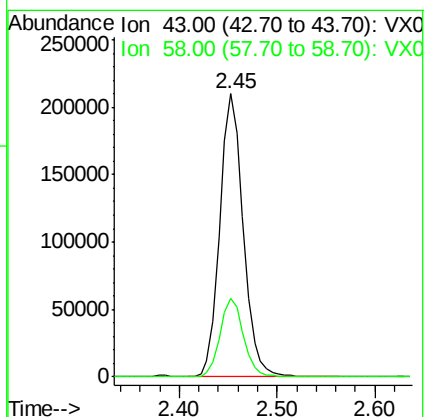
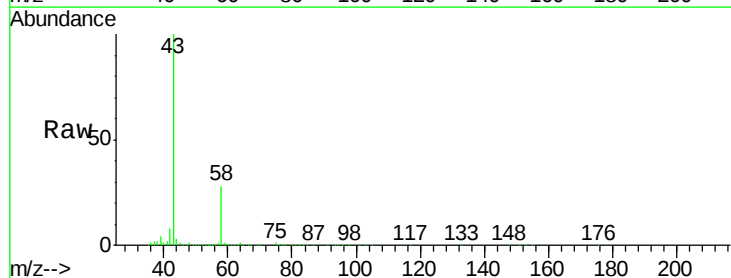
Acq: 20 Jun 2018 21:13

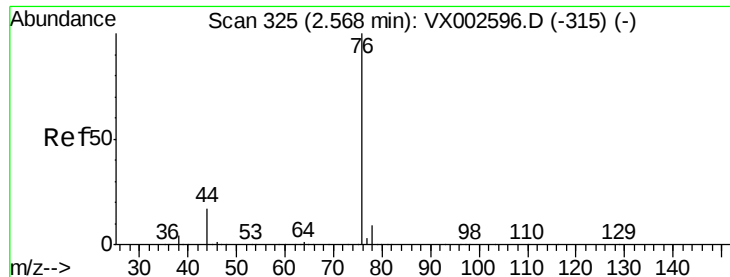
Tgt Ion: 43 Resp: 346750

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1

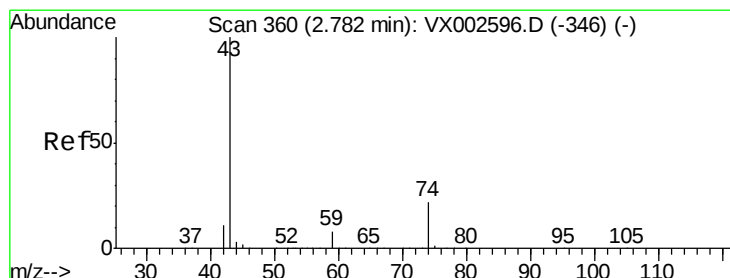
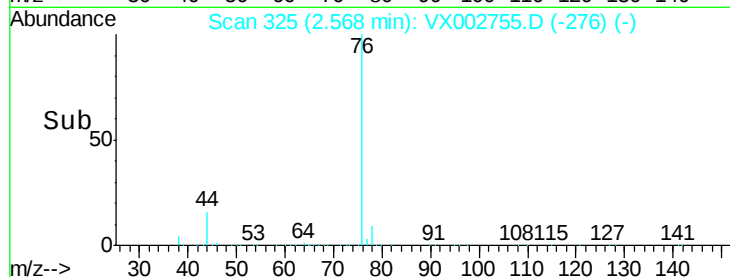
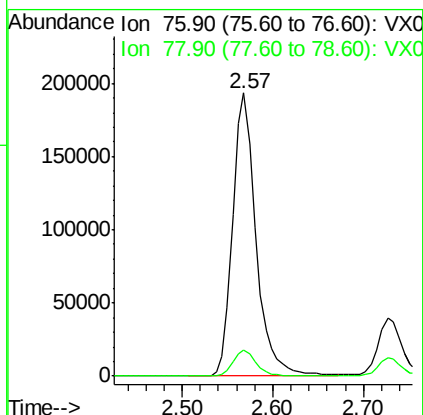
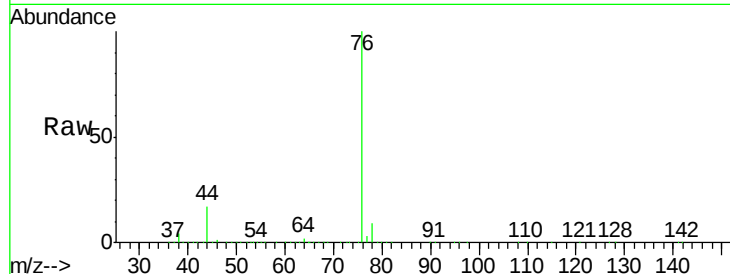




#17
Carbon Disulfide
Concen: 55.27 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

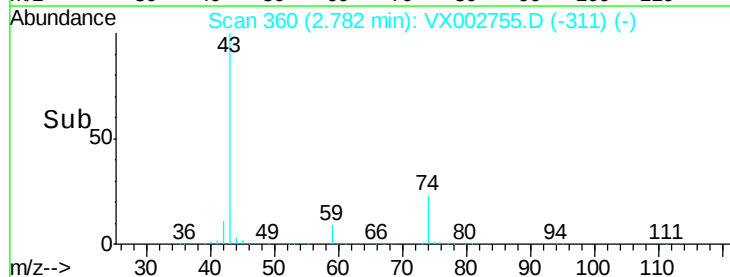
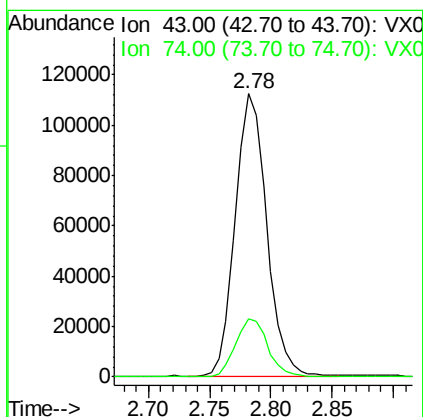
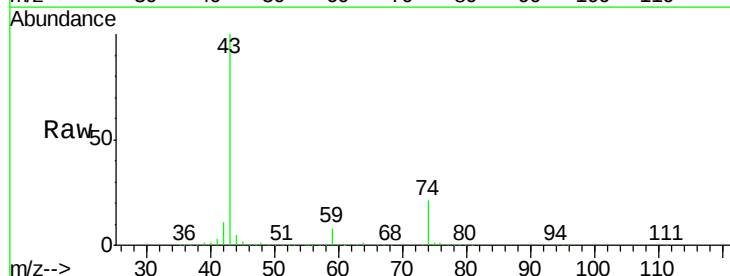
Instrument :
MSVOA_X
ClientSampled :

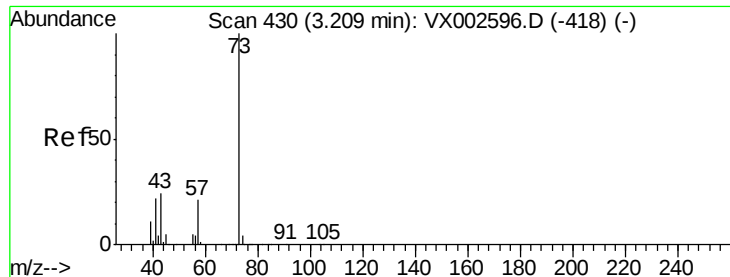
Tot Ion: 76 Resp: 346848
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 47.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 43 Resp: 200774
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 43.66 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

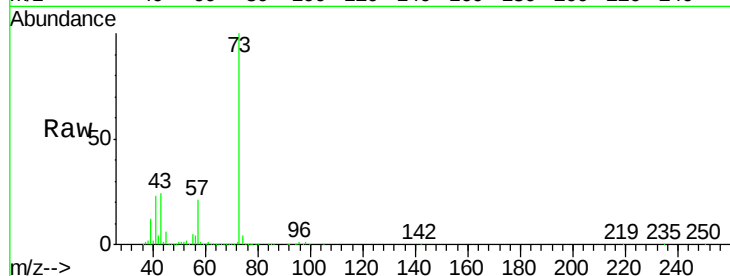
ClientSampleId :

Tot Ion: 73 Resp: 433318

Ion Ratio Lower Upper

73 100

57 20.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

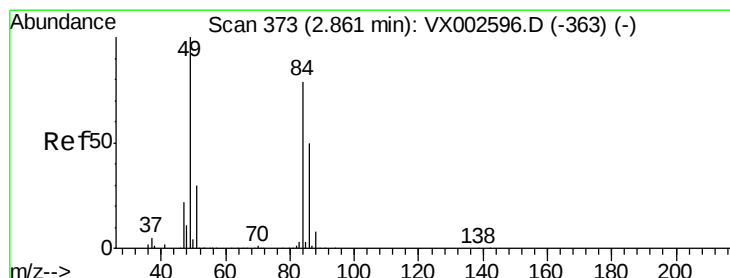
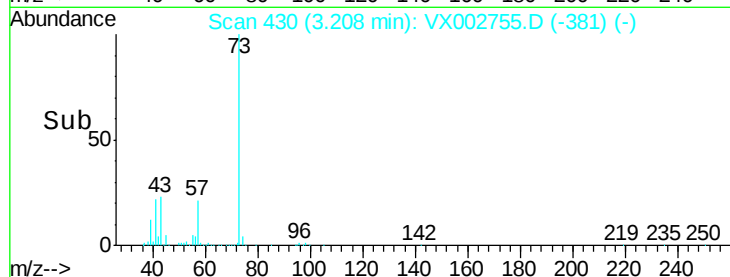
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 39.20 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion: 84 Resp: 127598

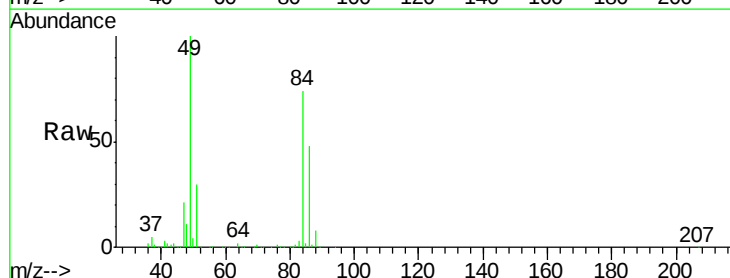
Ion Ratio Lower Upper

84 100

49 134.5 107.8 161.6

51 40.3 32.8 49.2

86 64.7 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

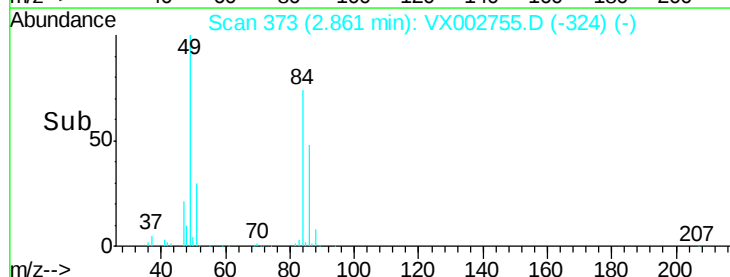
60000

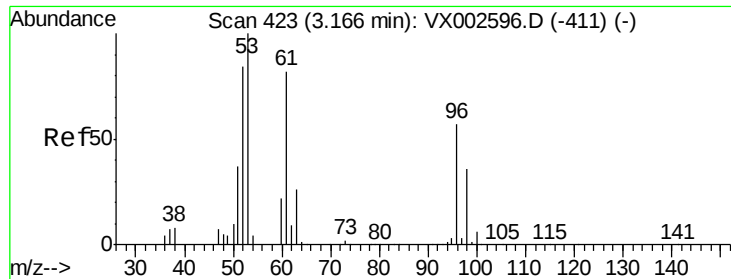
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 43.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

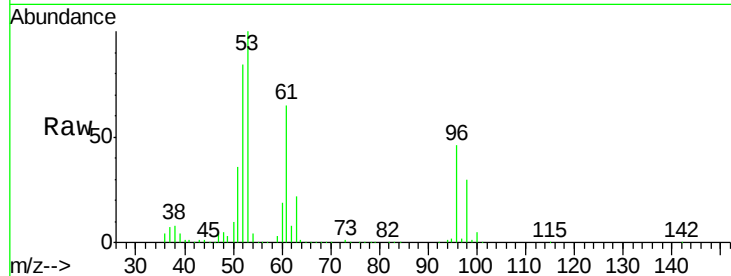
Tot Ion: 96 Resp: 125113

Ion Ratio Lower Upper

96 100

61 140.8 117.0 175.4

98 64.0 52.4 78.6

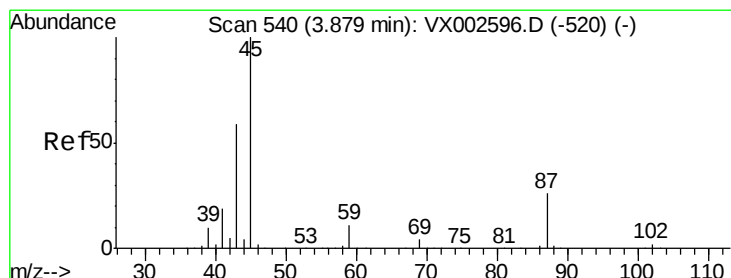
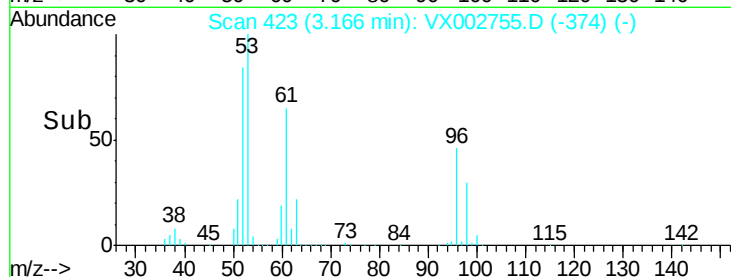
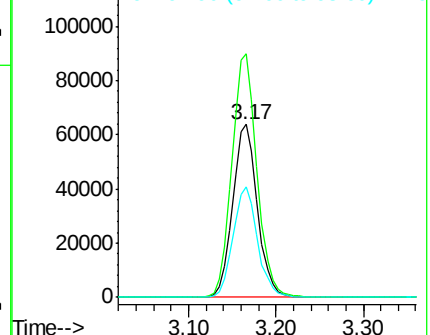


Abundance

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: 44.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion: 45 Resp: 427054

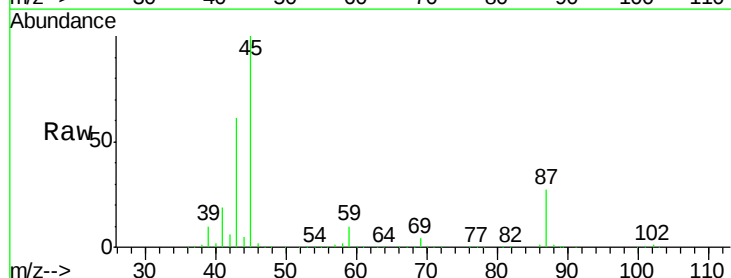
Ion Ratio Lower Upper

45 100

43 60.4 46.8 70.2

87 26.6 20.2 30.4

59 10.4 8.7 13.1



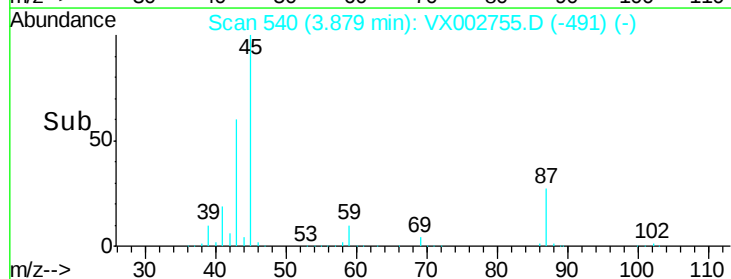
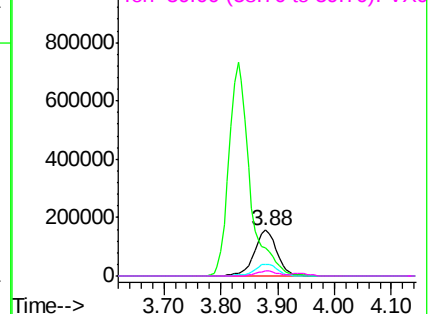
Abundance

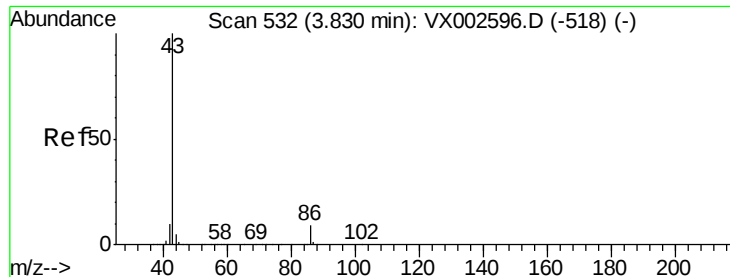
Ion 45.00 (44.70 to 45.70): VX0

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: 235.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

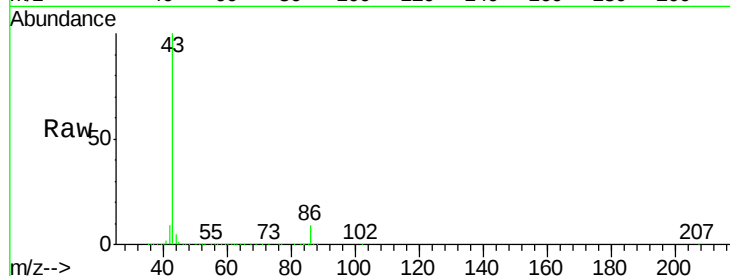
ClientSampleId :

Tot Ion: 43 Resp: 1875110

Ion Ratio Lower Upper

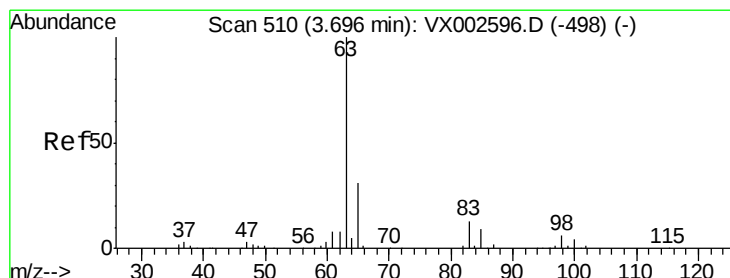
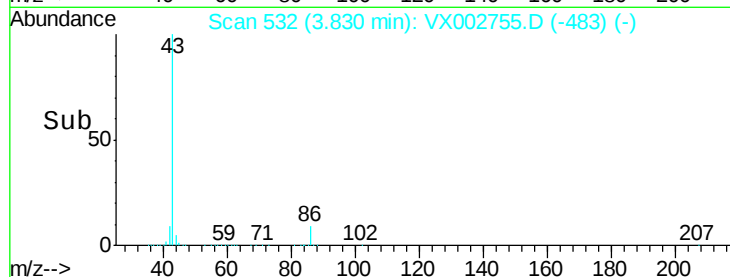
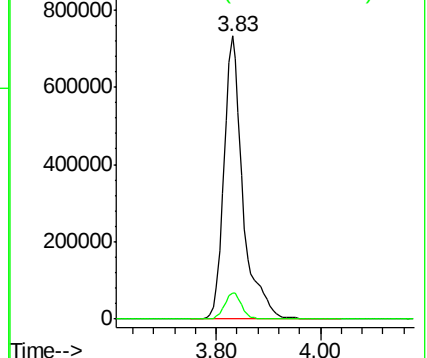
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

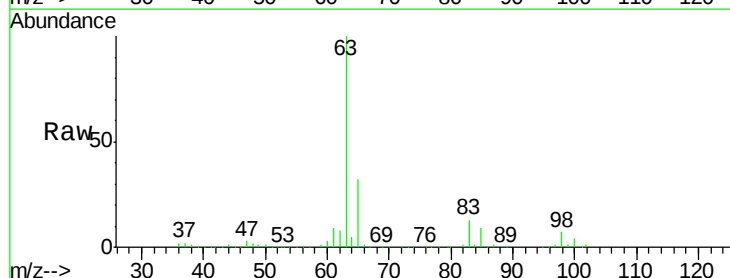
Tgt Ion: 63 Resp: 243823

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

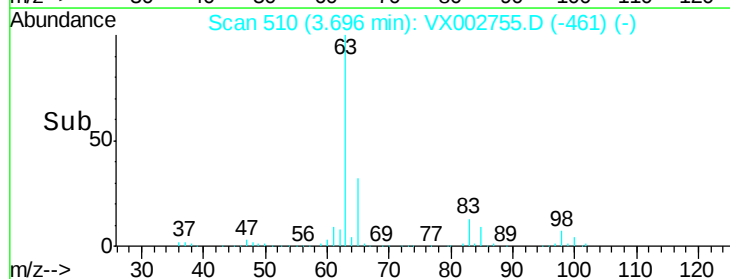
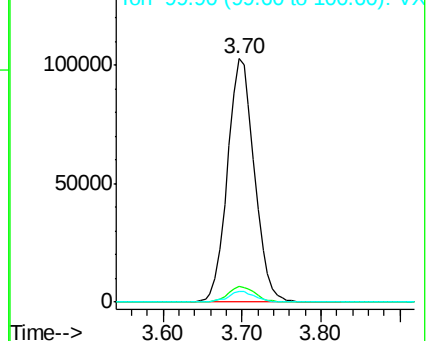
100 4.2 2.0 6.0

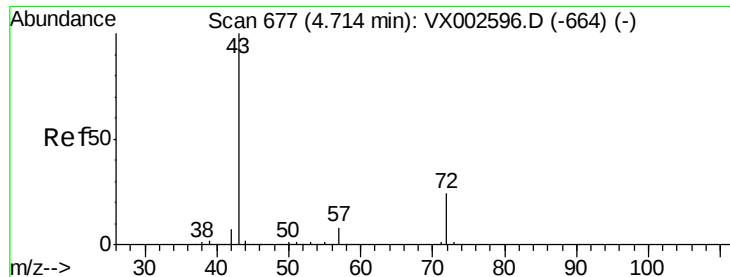


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.41 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

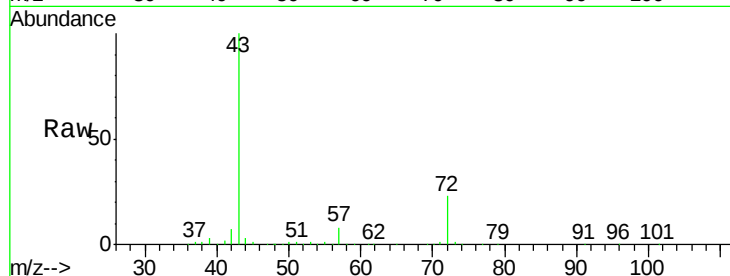
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 517935

Ion Ratio Lower Upper

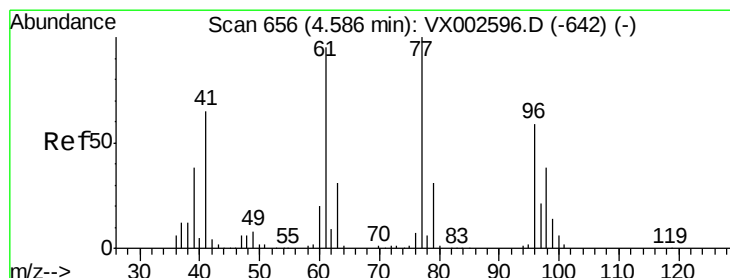
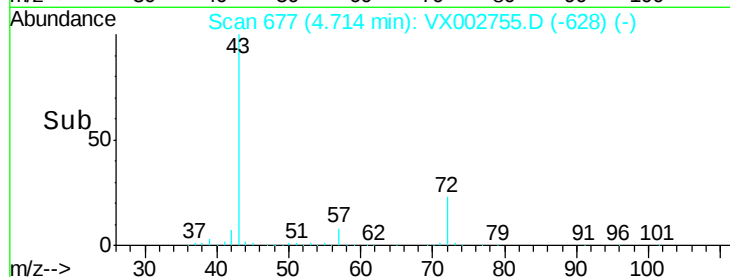
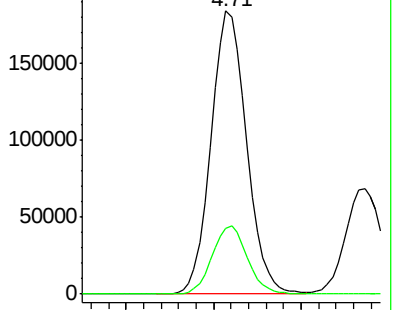
43 100

72 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002755.D

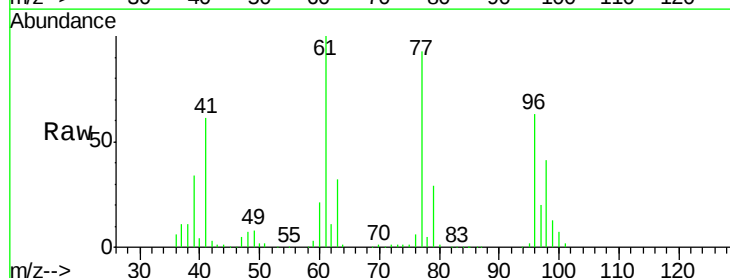
Acq: 20 Jun 2018 21:13

Tgt Ion: 77 Resp: 146696

Ion Ratio Lower Upper

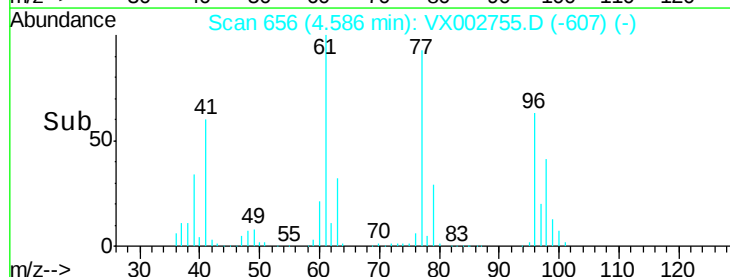
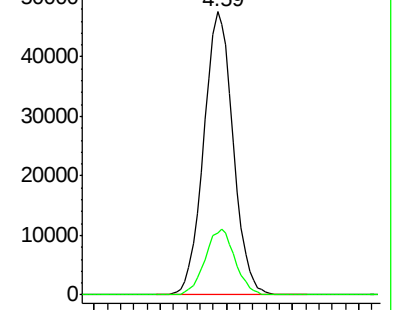
77 100

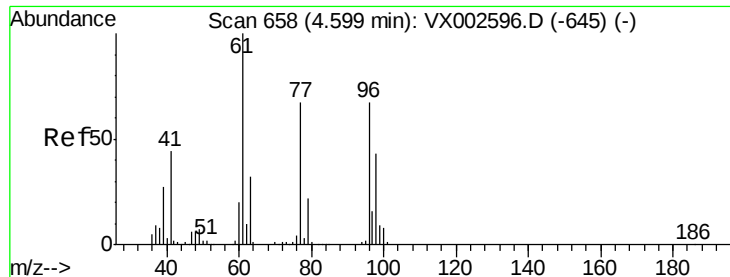
97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



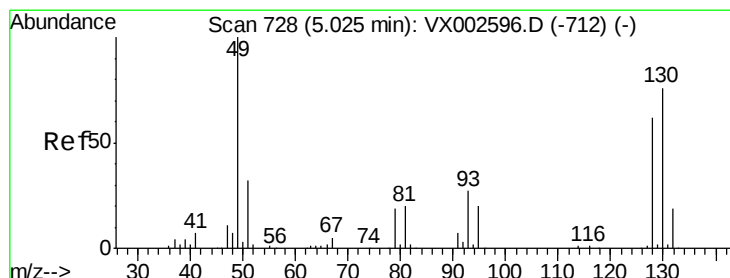
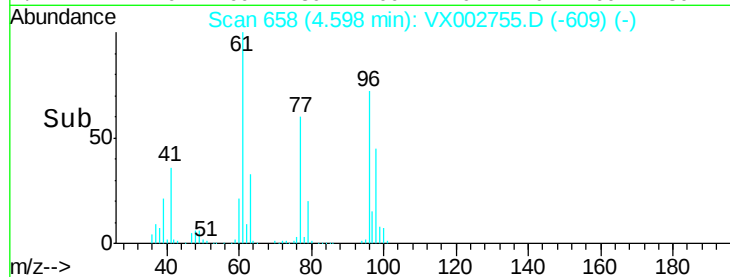
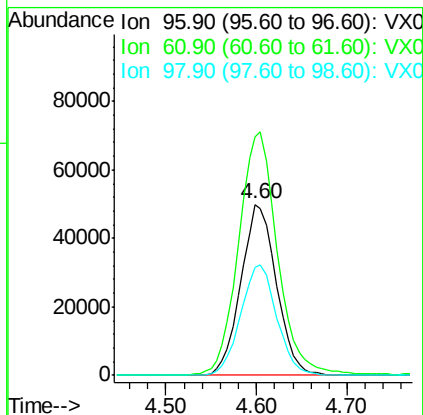
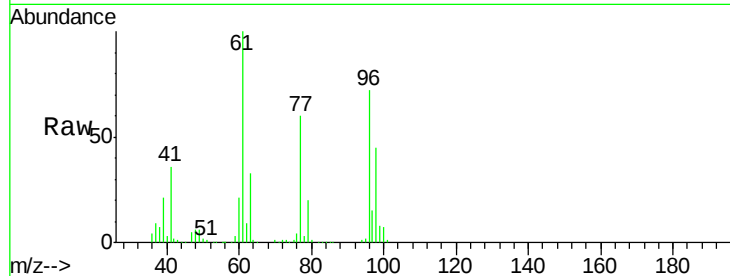


#27

cis-1,2-Dichloroethene
Concen: 46.41 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :

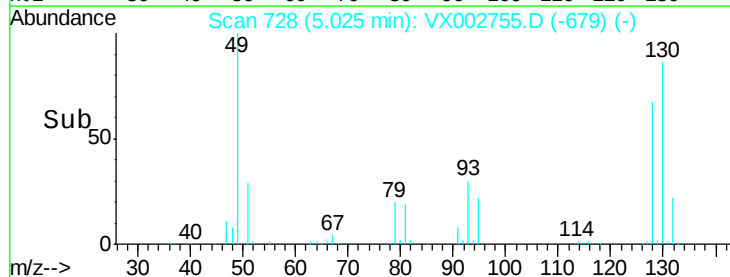
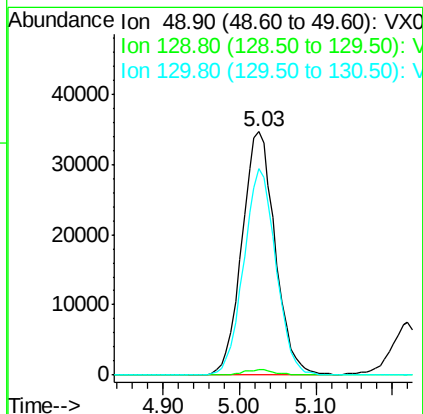
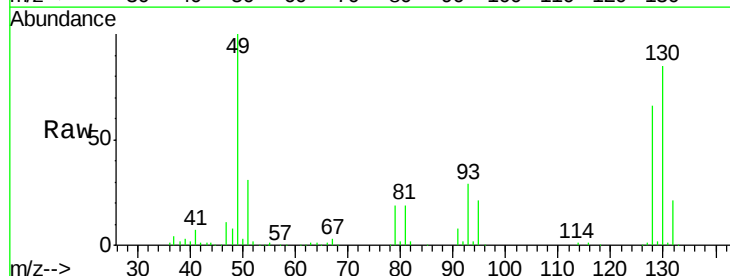
Tot Ion: 96 Resp: 135551
Ion Ratio Lower Upper
96 100
61 156.2 0.0 330.2
98 65.8 0.0 130.2

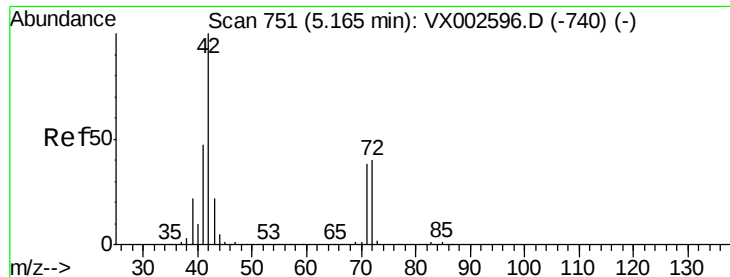


#28

Bromochloromethane
Concen: 43.28 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 49 Resp: 104553
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 82.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 246.88 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

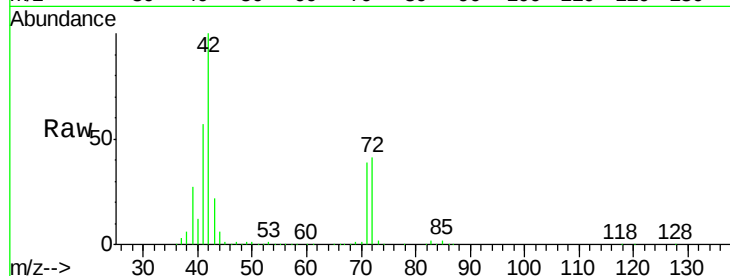
Tot Ion: 42 Resp: 337345

Ion Ratio Lower Upper

42 100

72 41.7 32.0 48.0

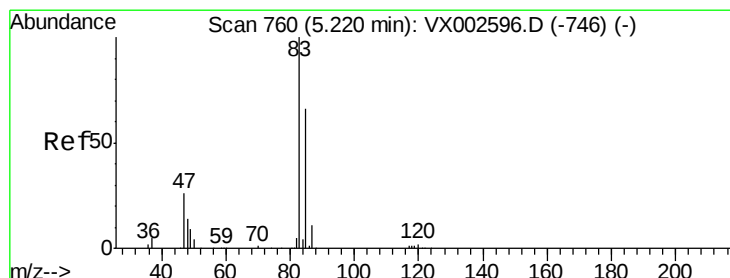
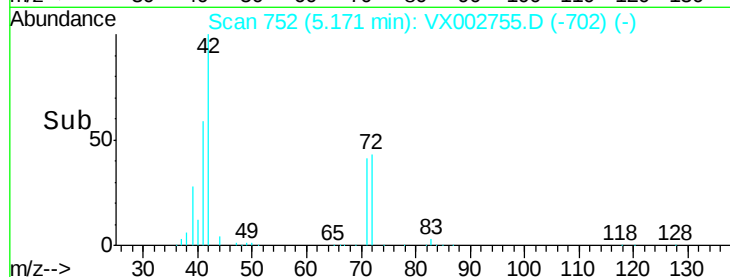
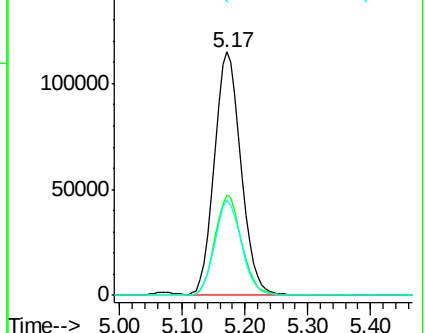
71 39.0 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.53 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002755.D

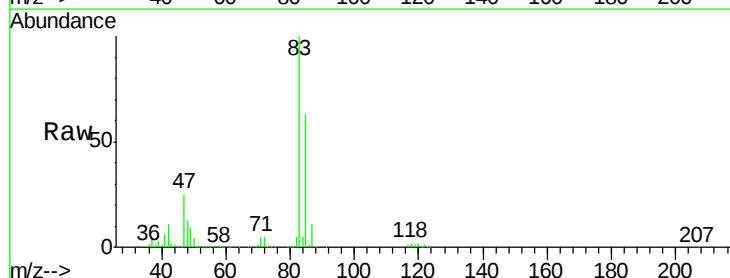
Acq: 20 Jun 2018 21:13

Tgt Ion: 83 Resp: 241435

Ion Ratio Lower Upper

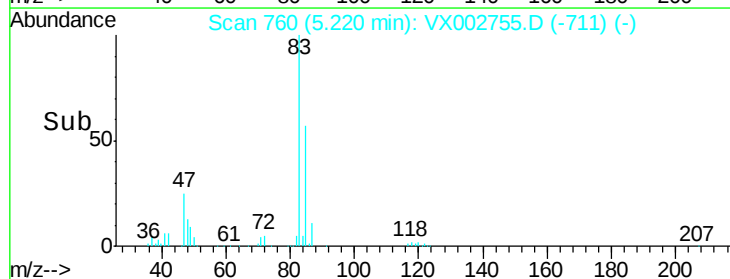
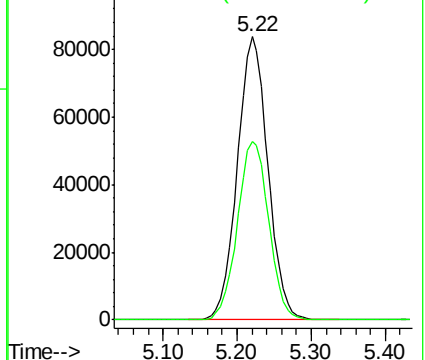
83 100

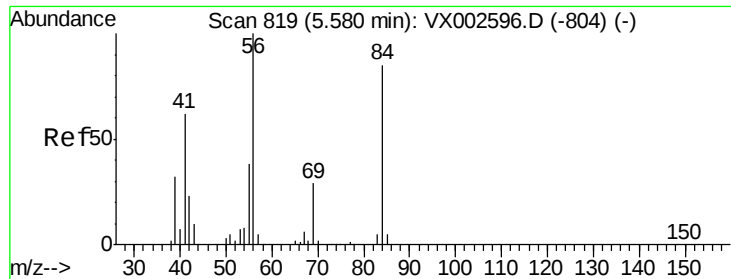
85 63.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

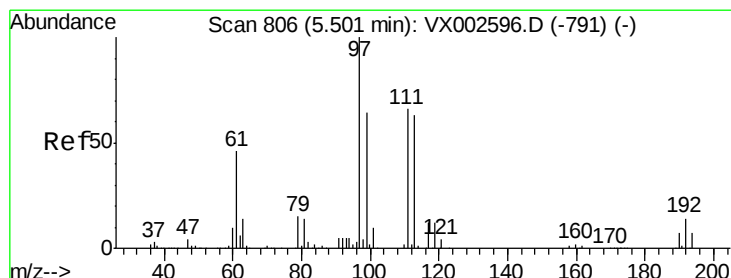
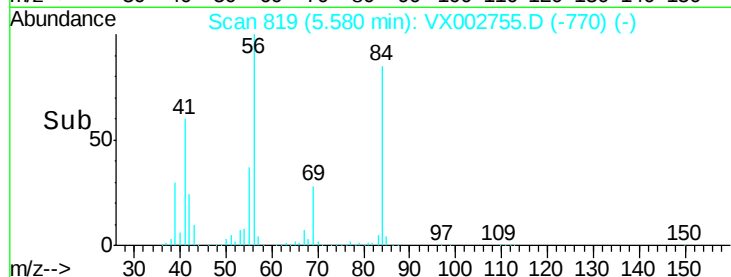
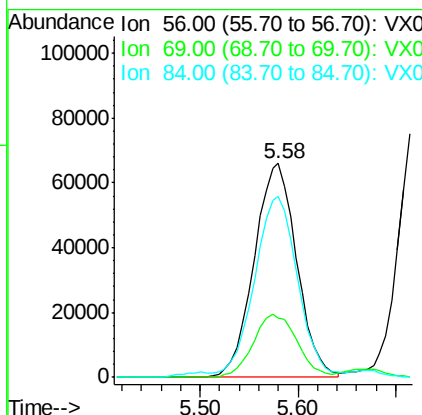
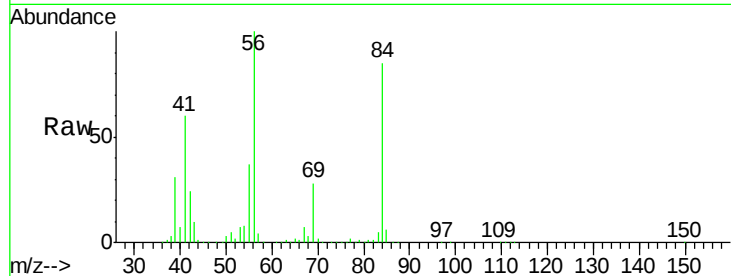




#31
Cyclohexane
Concen: 46.92 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

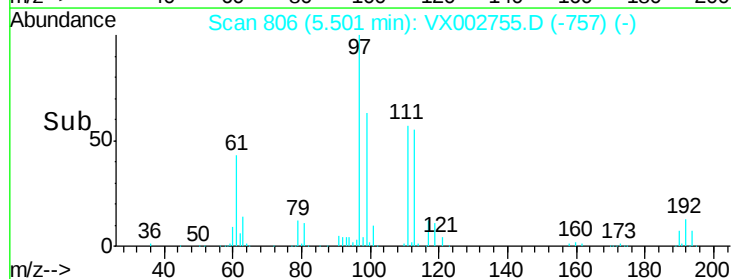
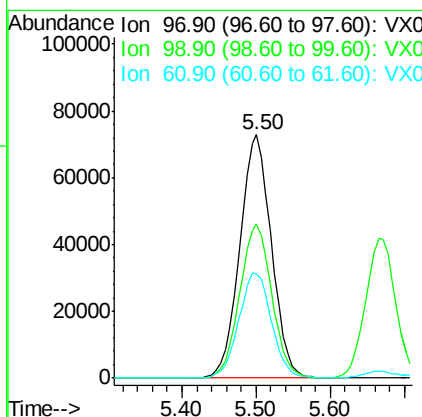
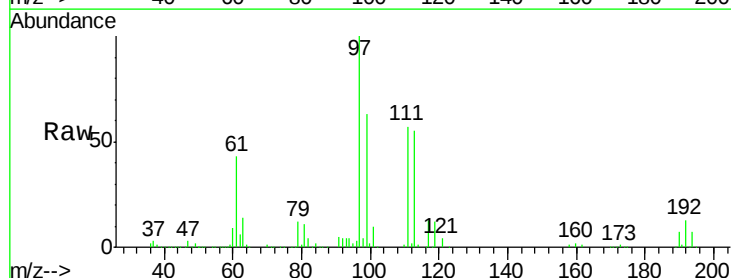
Instrument :
MSVOA_X
ClientSampleId :

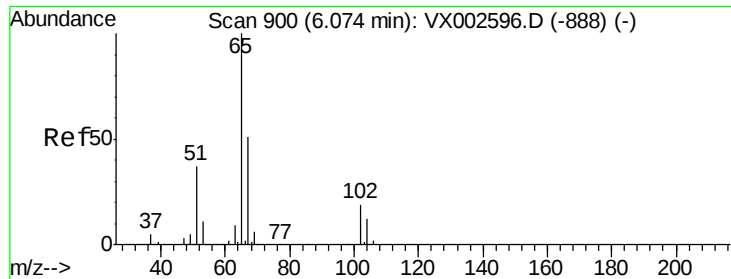
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.7	35.5
84	83.1	64.1	96.1



#32
1,1,1-Trichloroethane
Concen: 52.06 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	44.8	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 42.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

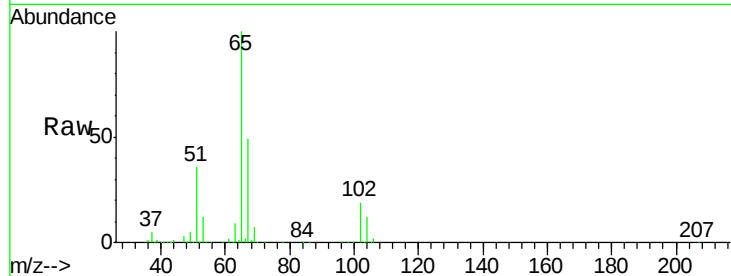
ClientSampleId :

Tot Ion: 65 Resp: 153407

Ion Ratio Lower Upper

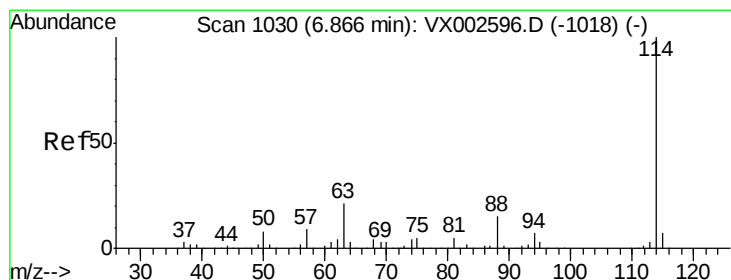
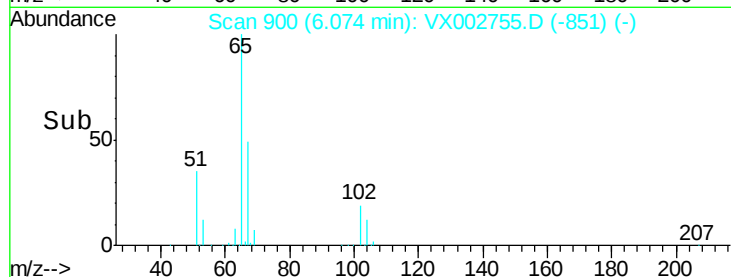
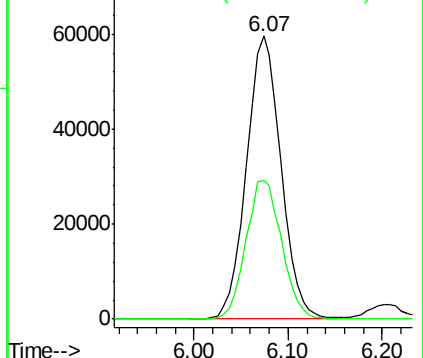
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

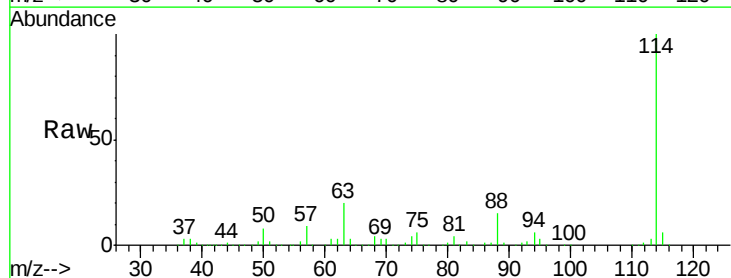
Tgt Ion: 114 Resp: 330890

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

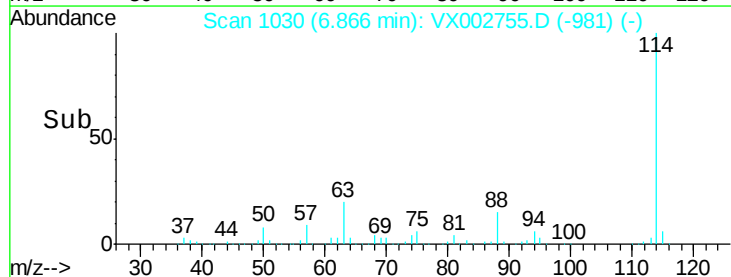
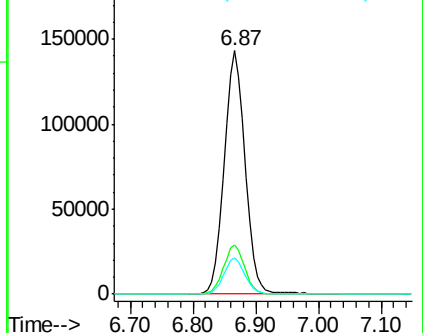
88 15.1 0.0 30.0

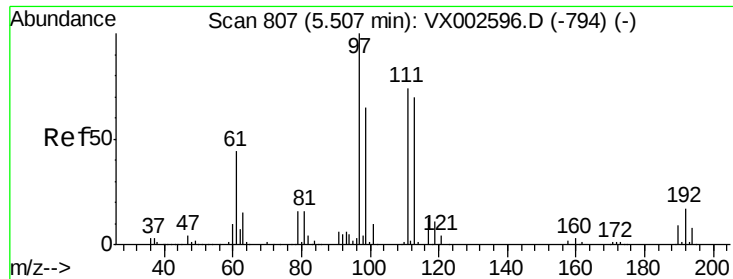


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

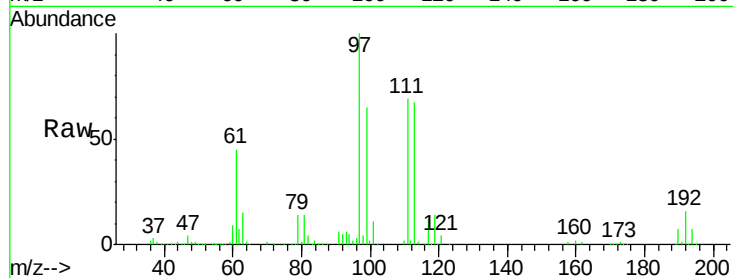




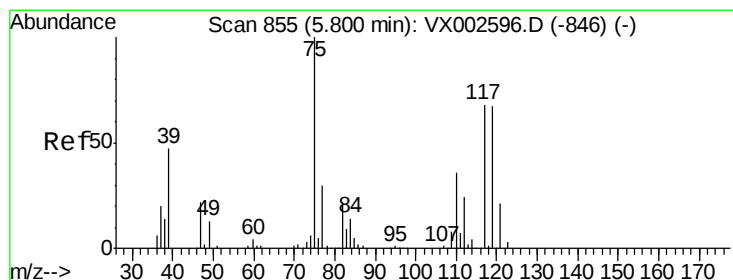
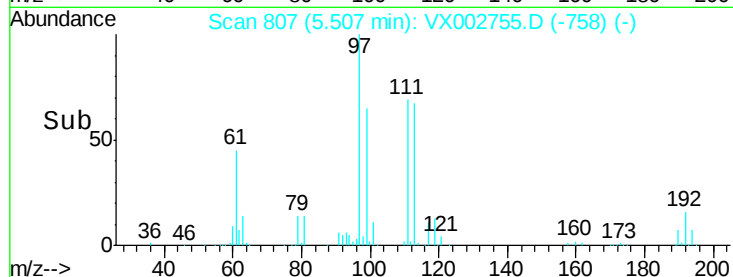
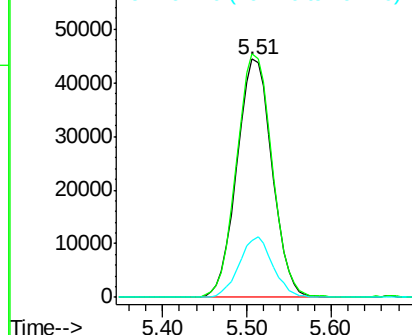
#35
 Dibromofluoromethane
 Concen: 47.62 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 125745
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 24.1 19.1 28.7

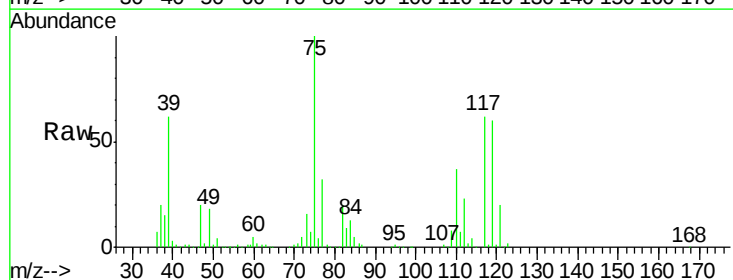


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

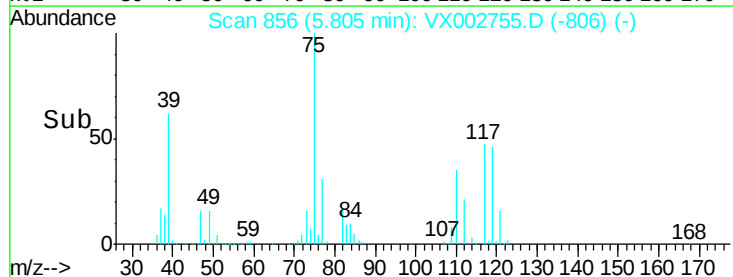
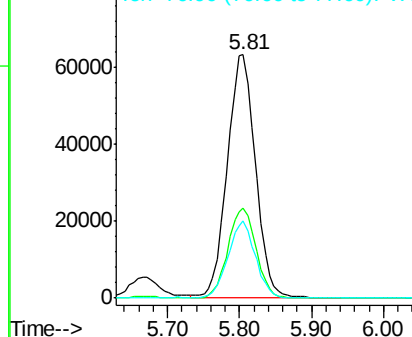


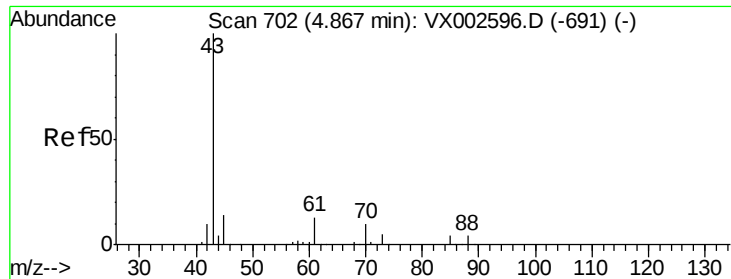
#36
 1,1-Dichloropropene
 Concen: 48.97 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion: 75 Resp: 172097
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.4
 77 30.4 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

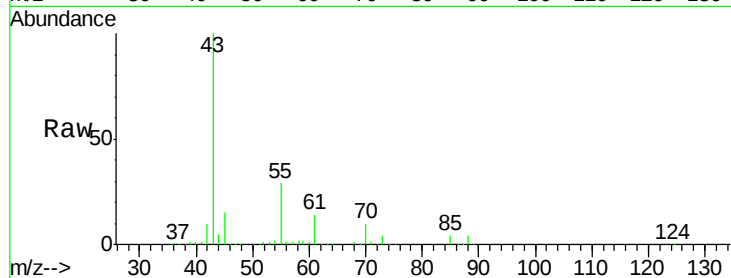




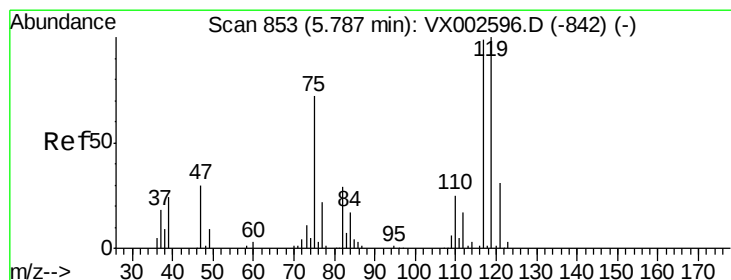
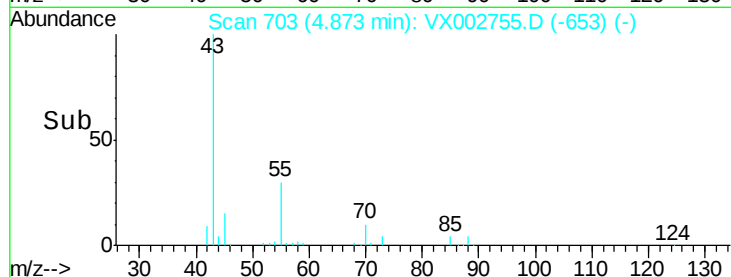
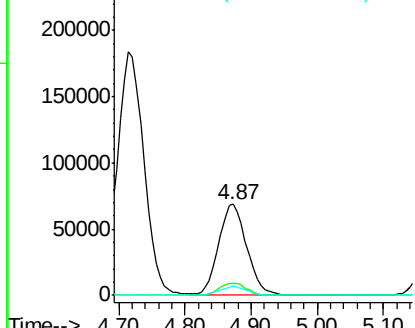
#37
Ethyl Acetate
Concen: 50.84 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 202215
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.7 7.6 11.4

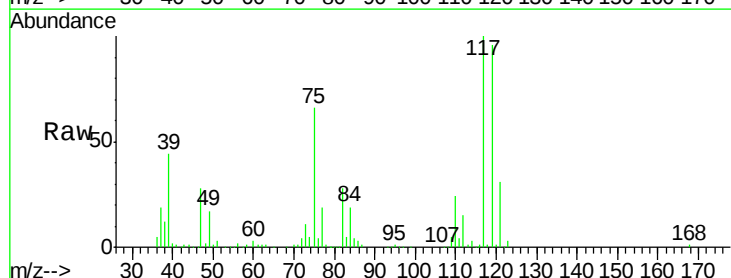


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

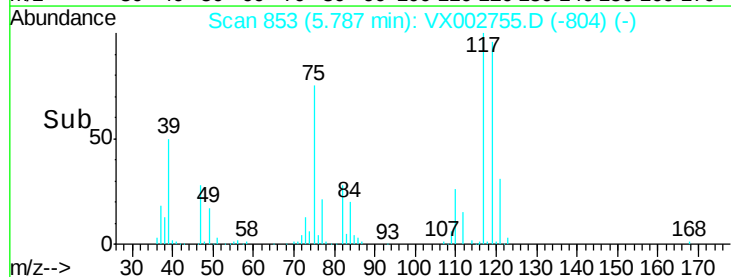
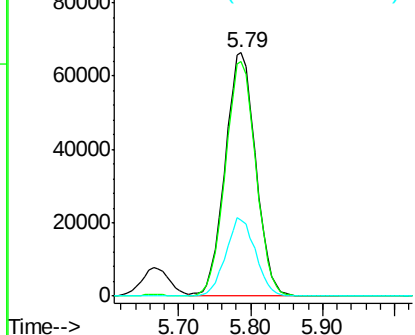


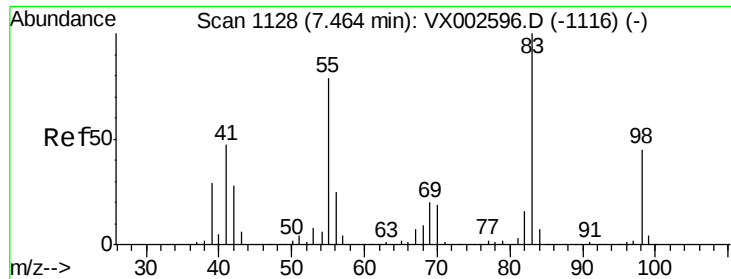
#38
Carbon Tetrachloride
Concen: 55.80 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 117 Resp: 195272
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 31.3 24.4 36.6



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

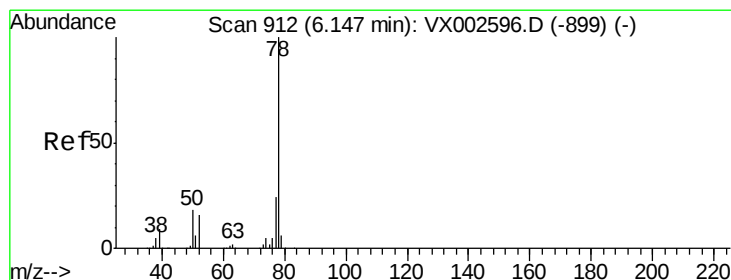
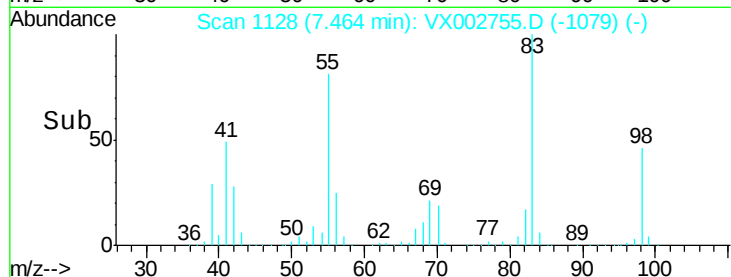
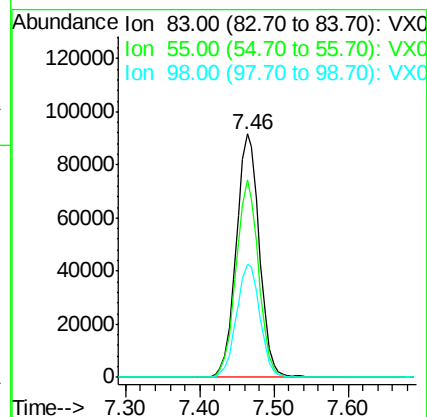
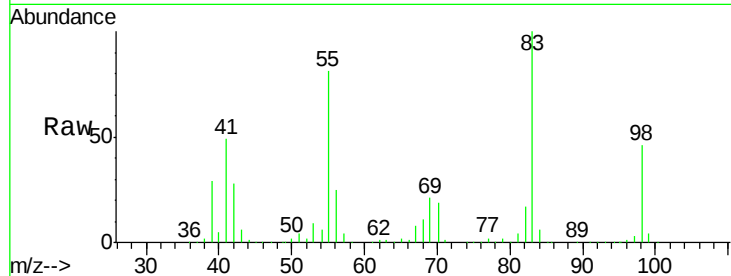




#39
Methvlcvclohexane
Concen: 48.49 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

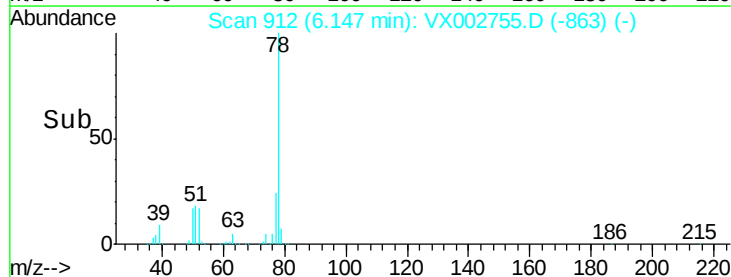
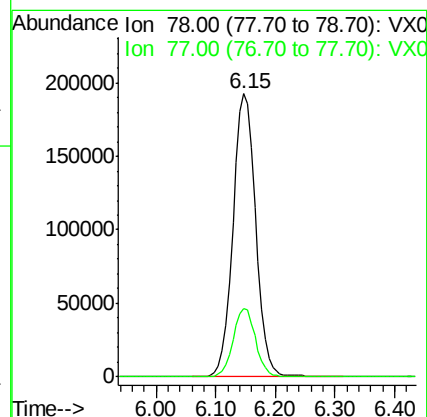
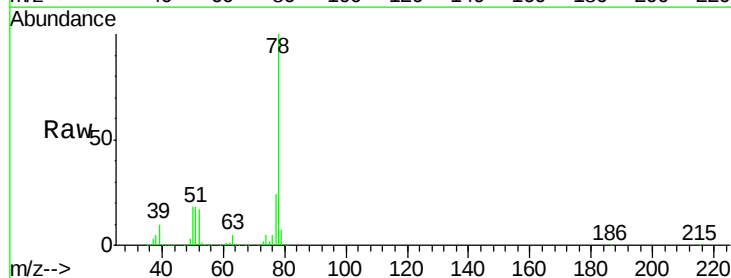
Instrument :
MSVOA_X
ClientSampleId :

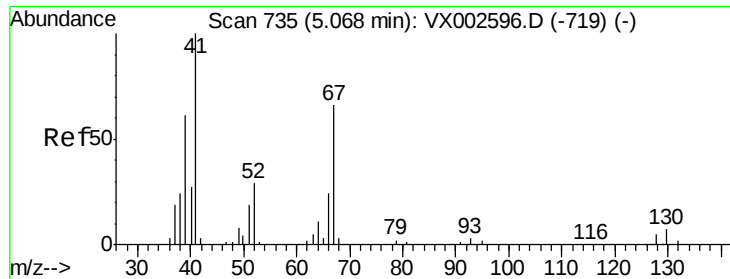
Tot Ion	83.00	Resp	199208
Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.0
98	46.4	37.4	56.0



#40
Benzene
Concen: 48.42 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	78	Resp	510258
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

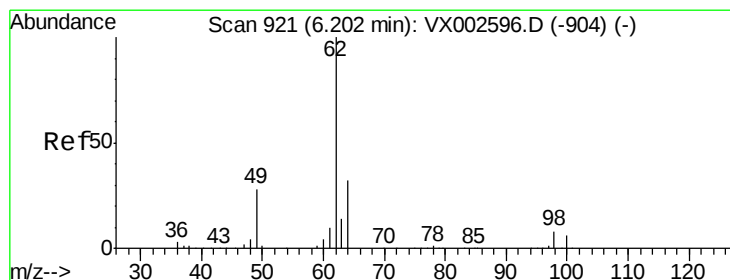
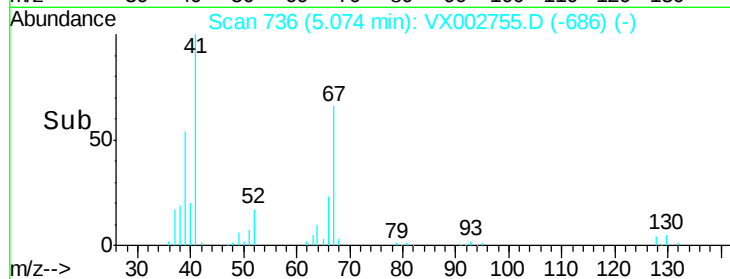
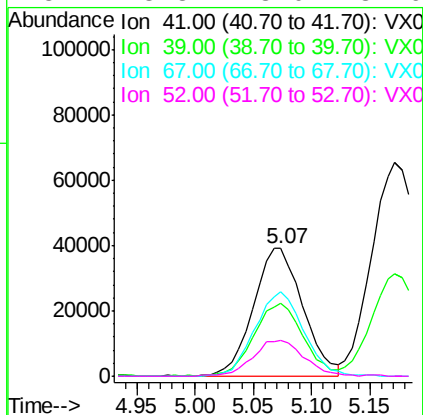
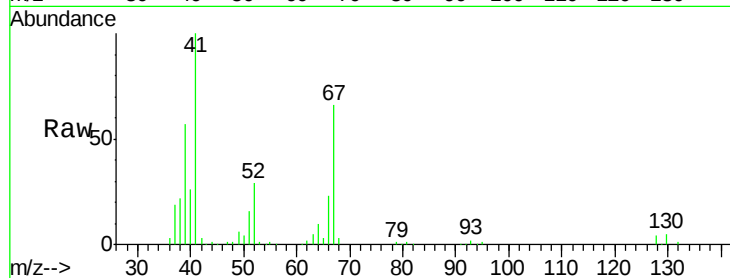




#41
Methacrylonitrile
Concen: 51.08 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

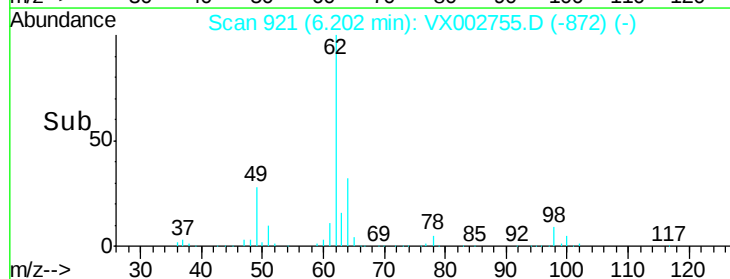
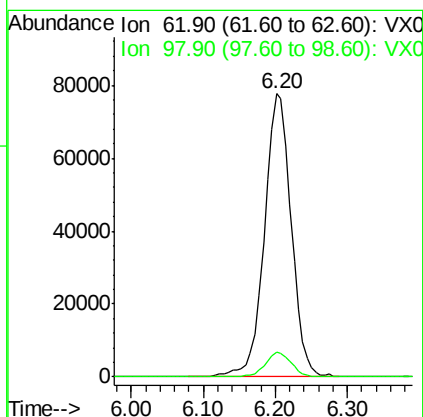
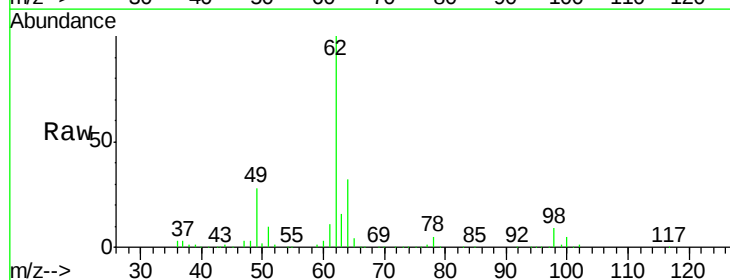
Instrument :
MSVOA_X
ClientSampleId :

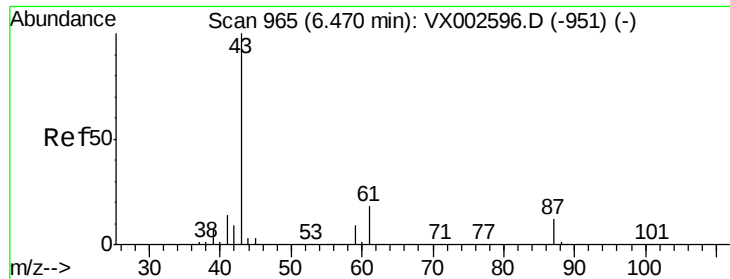
Tot Ion:	41	Resp:	114726
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	65.6	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 49.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:	62	Resp:	200742
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



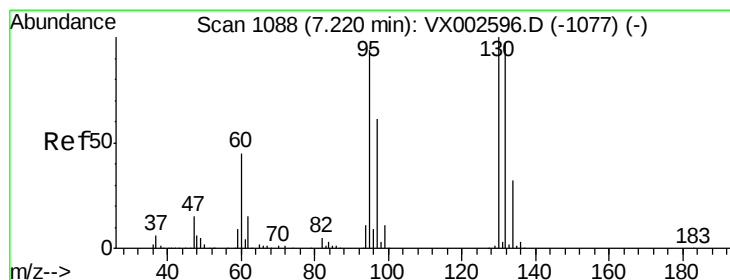
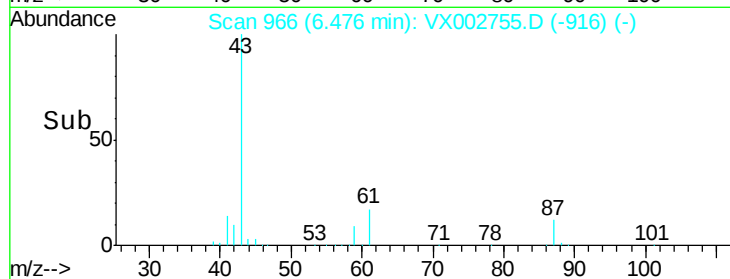
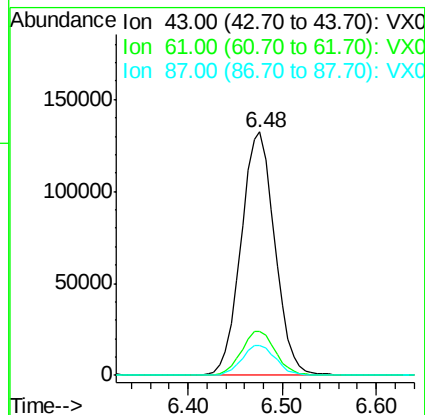
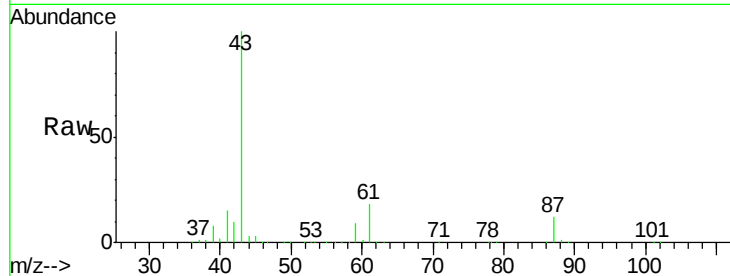


#43

Isopropyl Acetate
 Concen: 49.96 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampled :

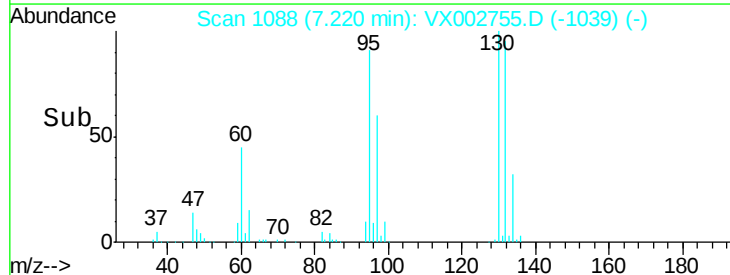
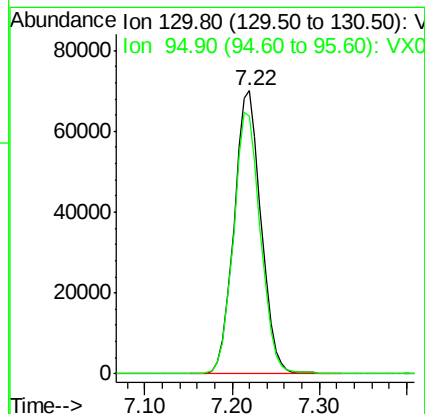
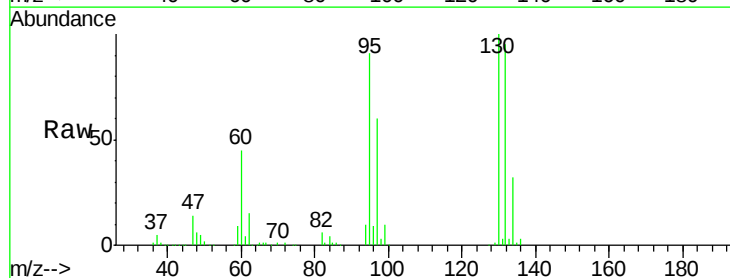
Tot Ion	43	Resp	329227
Ion Ratio	Lower	Upper	
43	100		
61	18.3	14.4	21.6
87	12.4	9.5	14.3

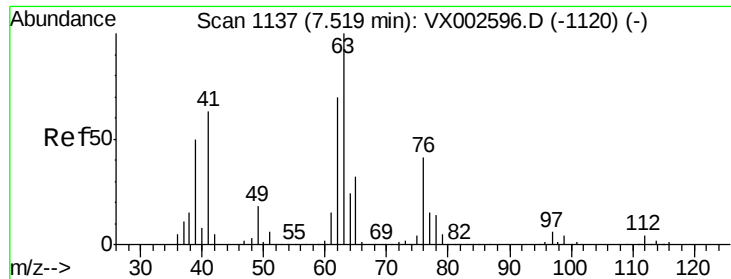


#44

Trichloroethene
 Concen: 49.60 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	130	Resp	150853
Ion Ratio	Lower	Upper	
130	100		
95	91.2	0.0	185.4

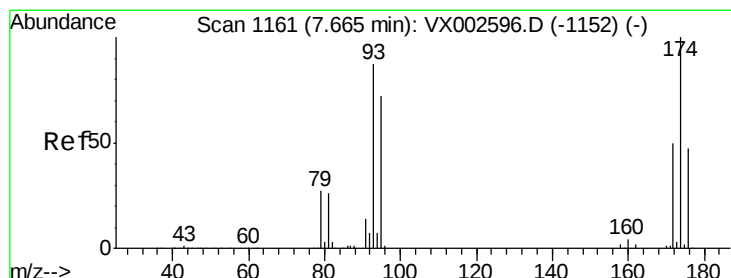
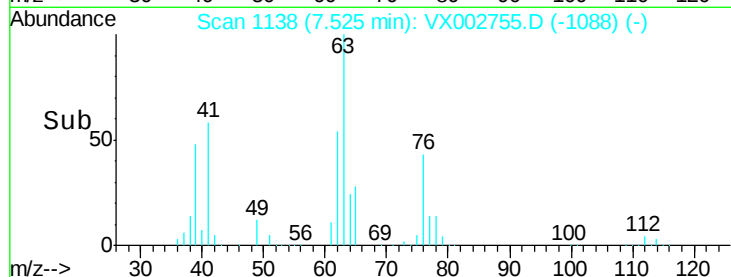
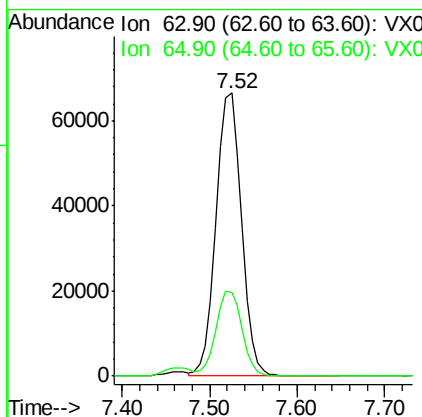
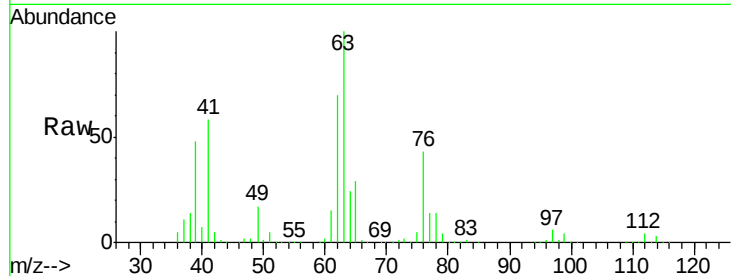




#45
 1,2-Dichloropropane
 Concen: 48.56 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

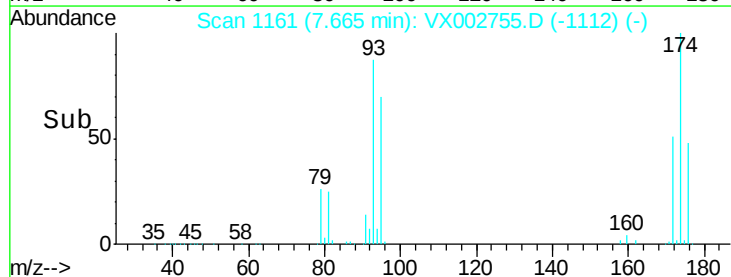
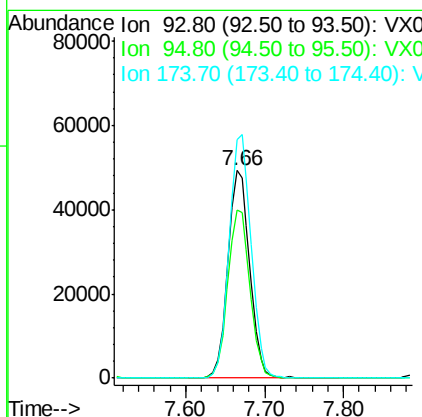
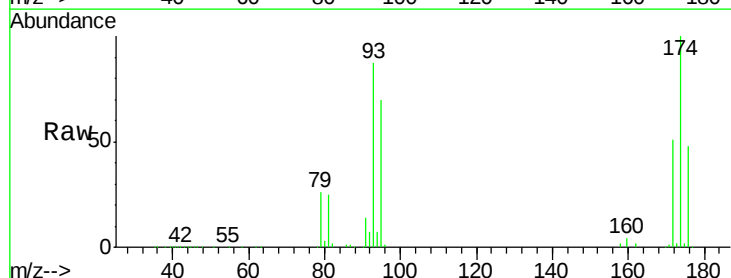
Instrument :
 MSVOA_X
 ClientSampleId :

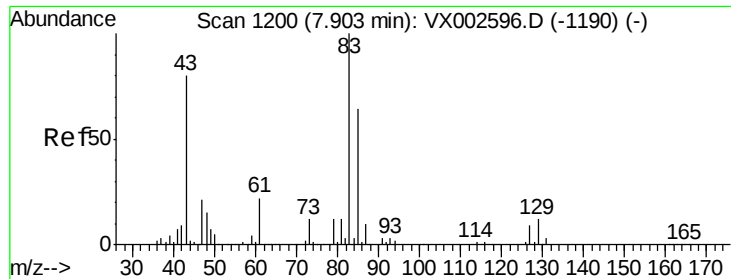
Tot Ion: 63 Resp: 134661
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1



#46
 Dibromomethane
 Concen: 51.16 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion: 93 Resp: 94912
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 118.3 92.4 138.6





#47

Bromodichloromethane

Concen: 56.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampled :

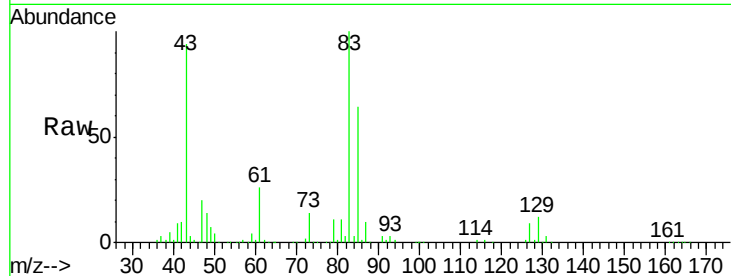
Tot Ion: 83 Resp: 183860

Ion Ratio Lower Upper

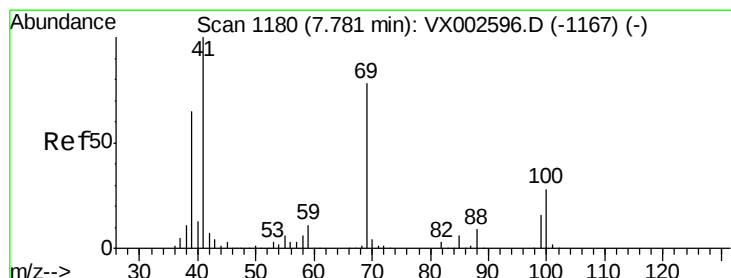
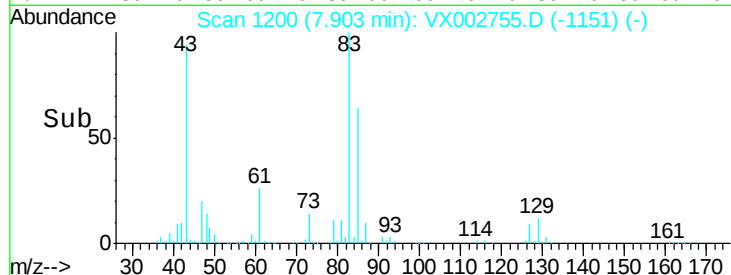
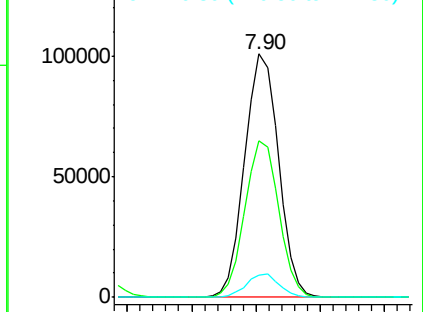
83 100

85 64.4 50.3 75.5

127 9.0 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: 50.44 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

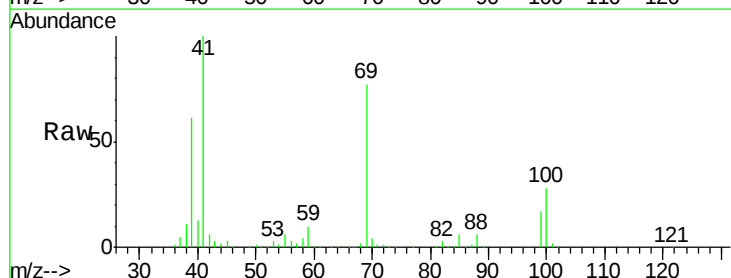
Tgt Ion: 41 Resp: 169881

Ion Ratio Lower Upper

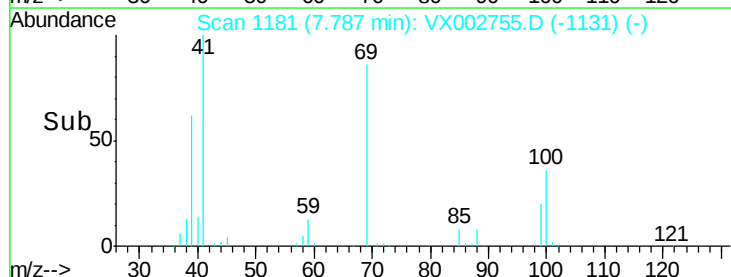
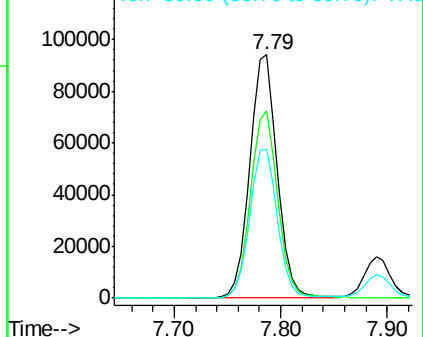
41 100

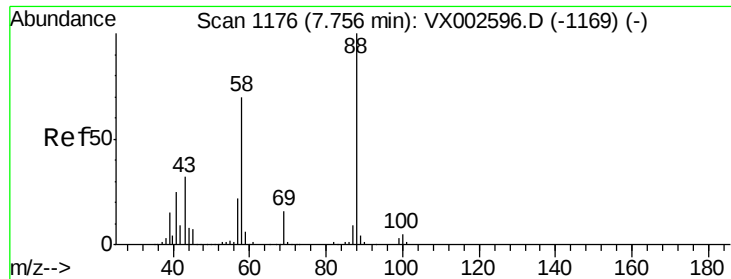
69 77.3 59.1 88.7

39 62.0 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

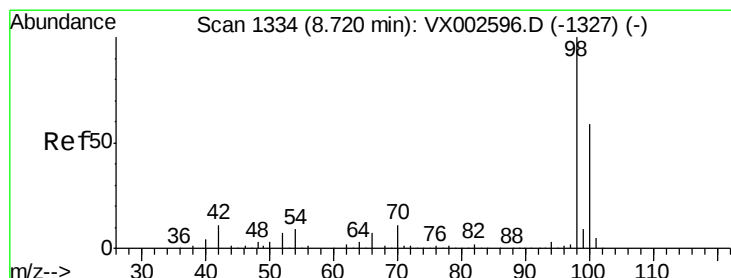
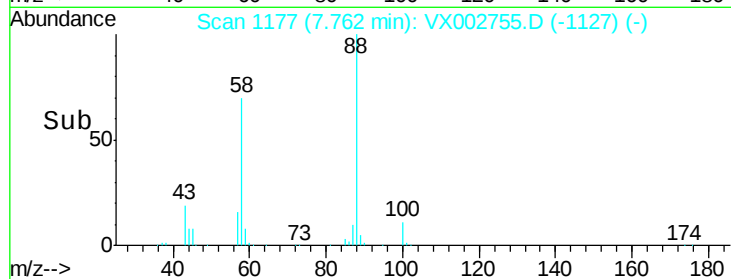
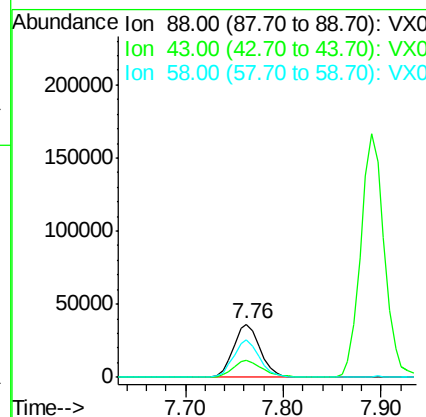
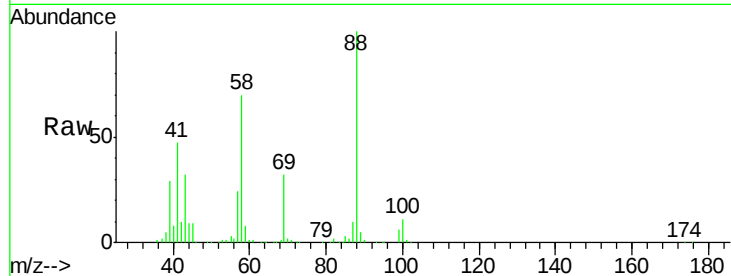




#49
1,4-Dioxane
Concen: 1075.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

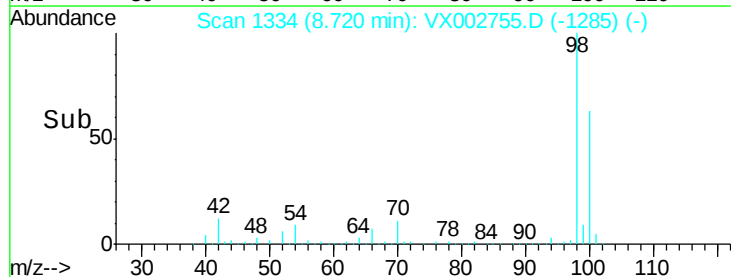
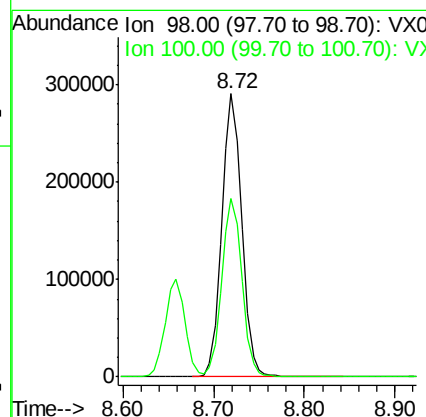
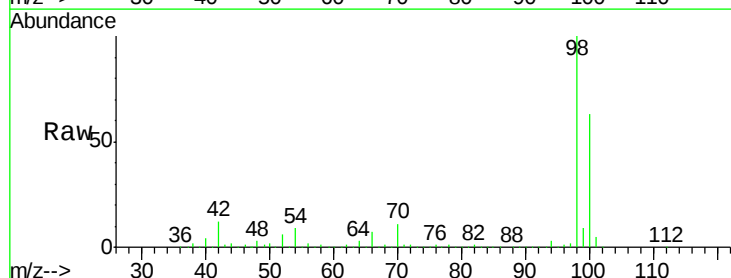
Instrument :
MSVOA_X
ClientSampleId :

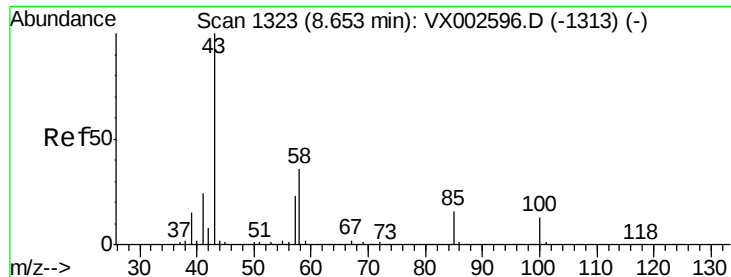
Tot Ion	88	Resp	68597
Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	69.6	57.1	85.7



#50
Toluene-d8
Concen: 44.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	98	Resp	448415
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 258.55 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

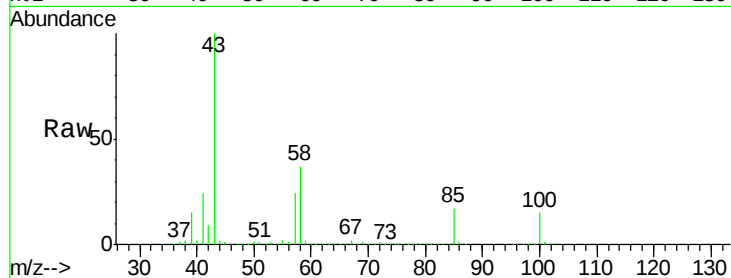
ClientSampleId :

Tot Ion: 43 Resp: 1094015

Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

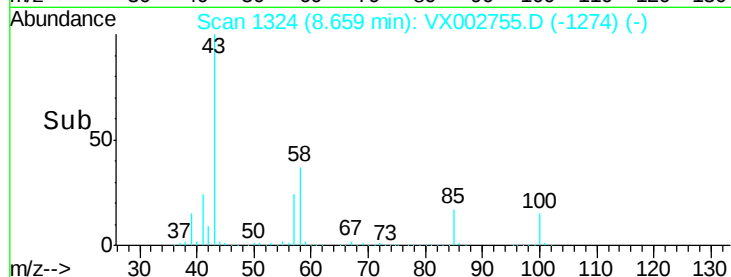
400000

200000

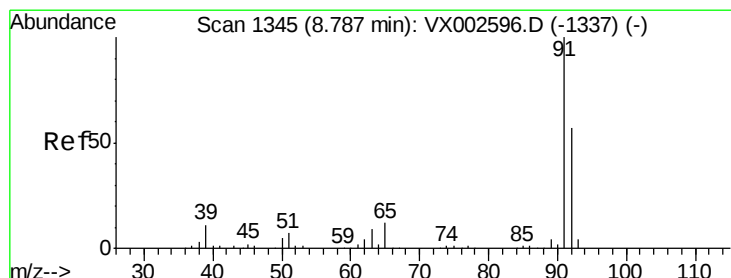
0

8.66

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 49.50 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002755.D

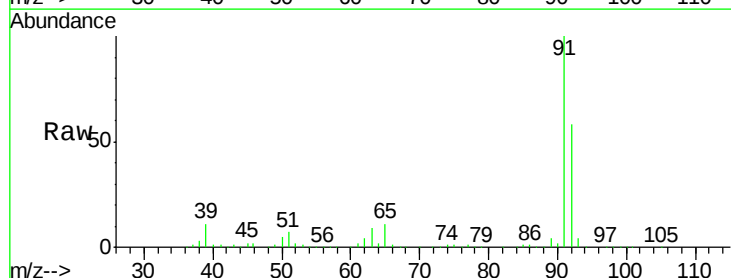
Acq: 20 Jun 2018 21:13

Tgt Ion: 92 Resp: 332714

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

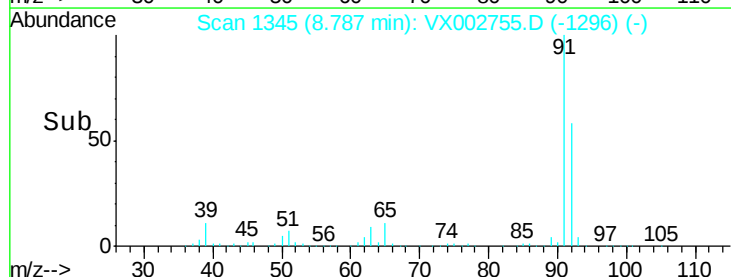
200000

100000

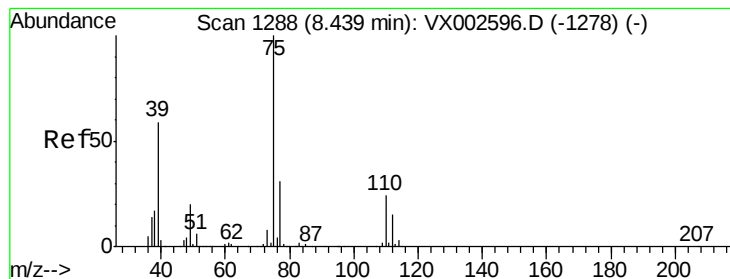
0

8.79

8.70 8.80 8.90



Time-->



#53

t-1,3-Dichloropropene

Concen: 46.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

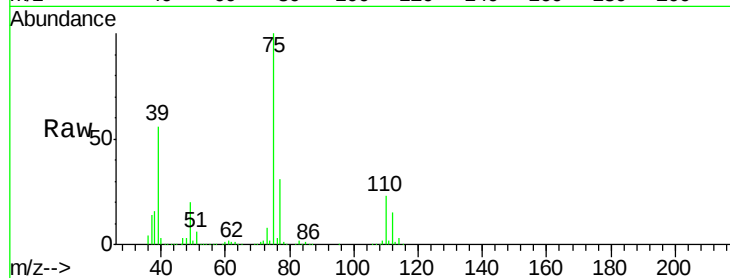
ClientSampled :

Tot Ion: 75 Resp: 202579

Ion Ratio Lower Upper

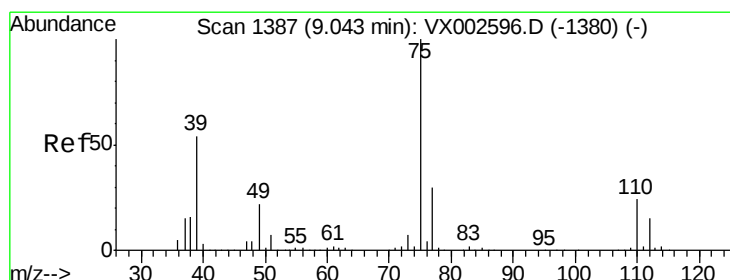
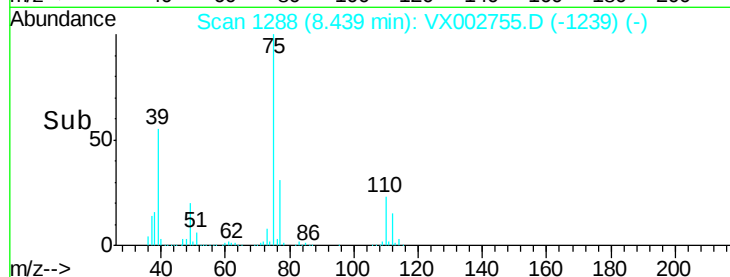
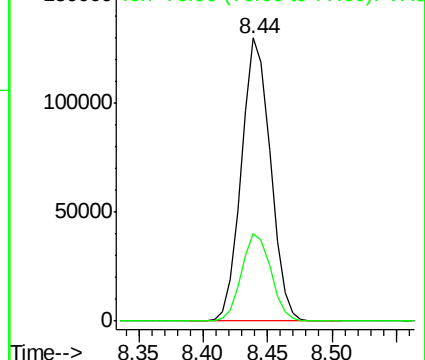
75 100

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: 45.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

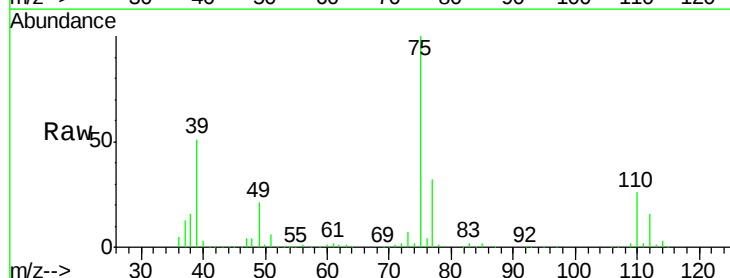
Tgt Ion: 75 Resp: 188862

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

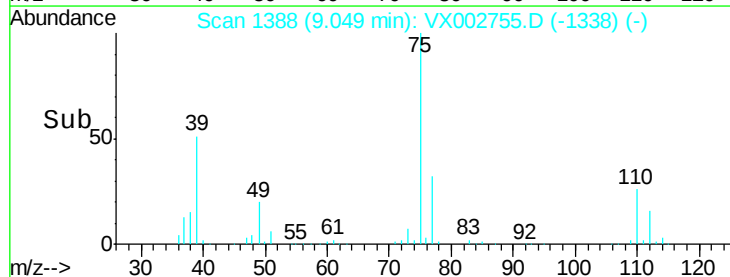
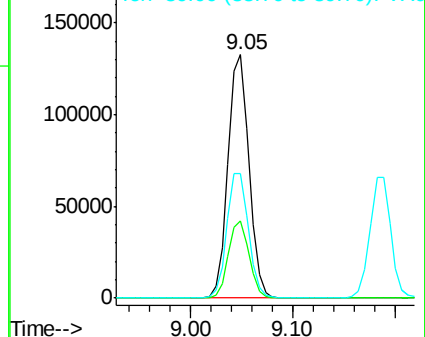
39 51.0 42.4 63.6

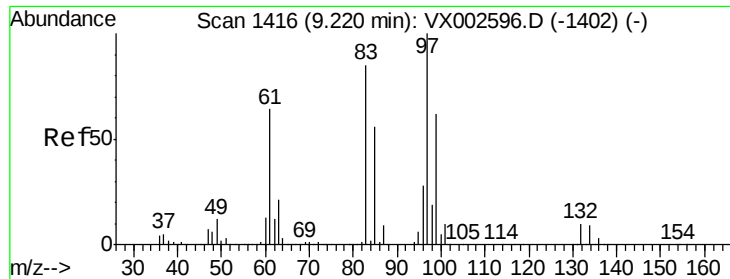


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



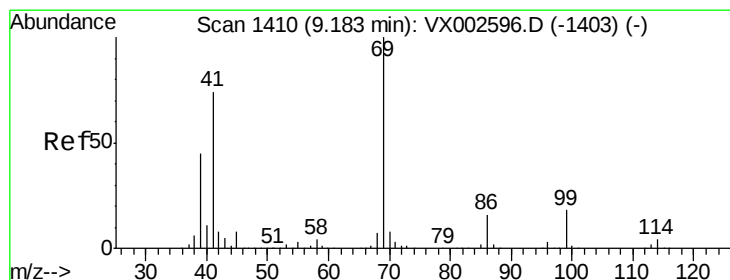
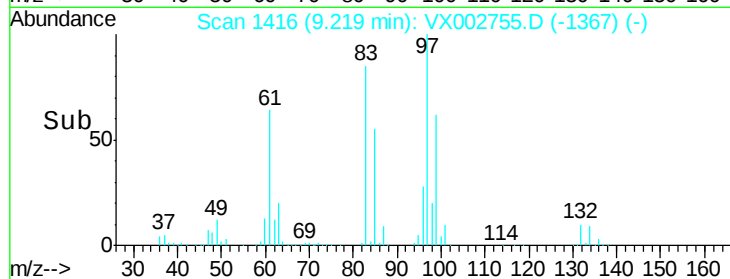
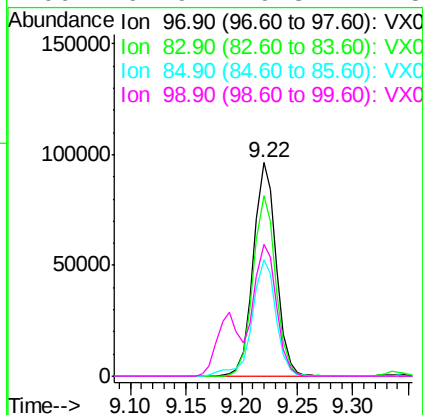
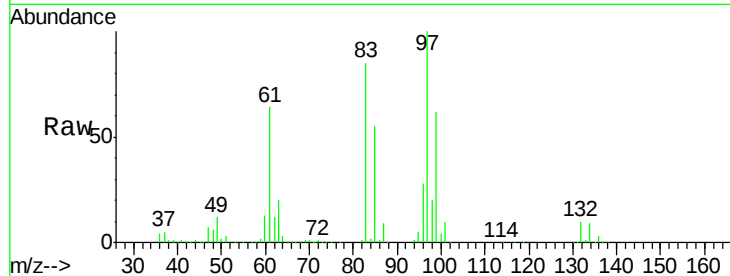


#55
 1,1,2-Trichloroethane
 Concen: 51.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 138682

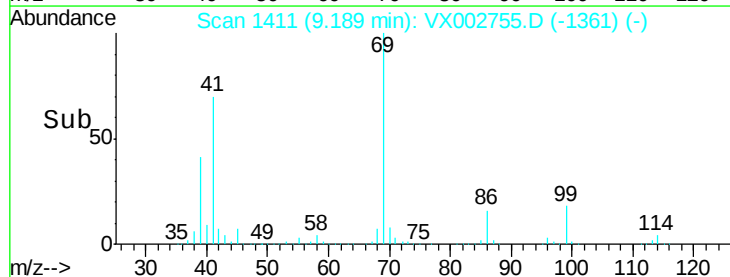
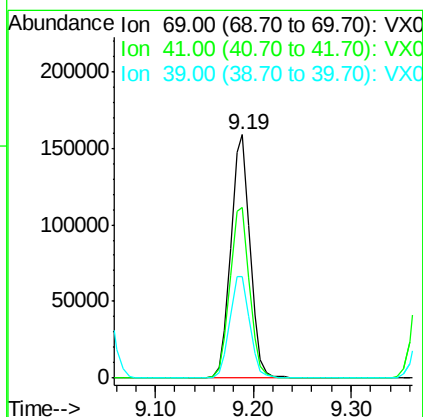
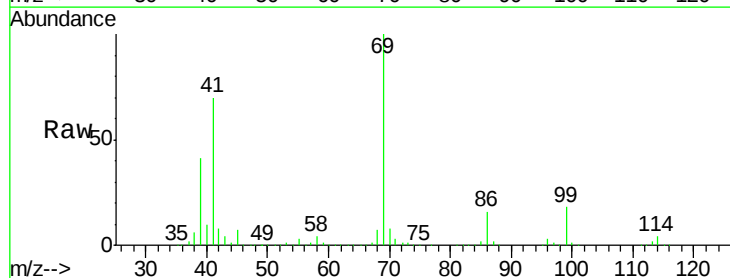
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	54.7	44.9	67.3
99	61.9	49.8	74.8

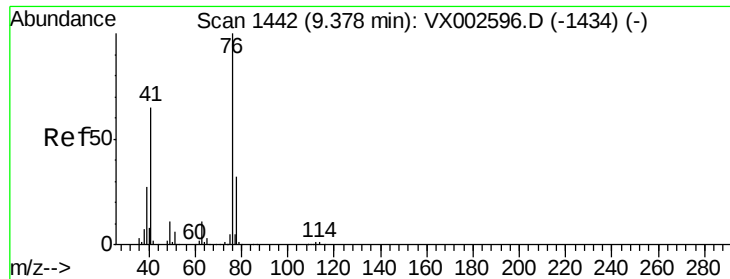


#56
 Ethyl methacrylate
 Concen: 51.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion: 69 Resp: 216028

Ion	Ratio	Lower	Upper
69	100		
41	72.1	60.3	90.5
39	43.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.91 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

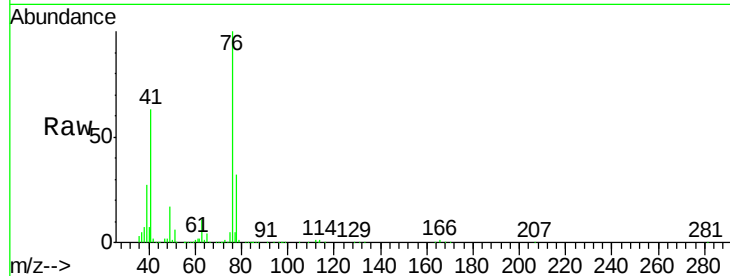
ClientSampleId :

Tot Ion: 76 Resp: 224672

Ion Ratio Lower Upper

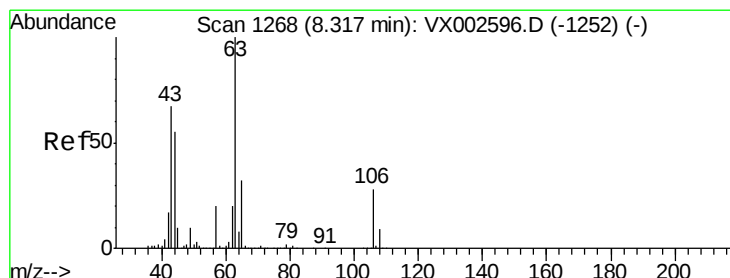
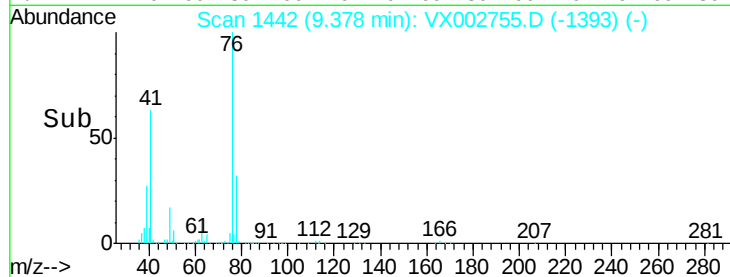
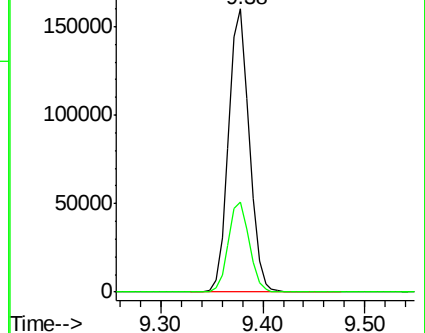
76 100

78 32.3 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: 214.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002755.D

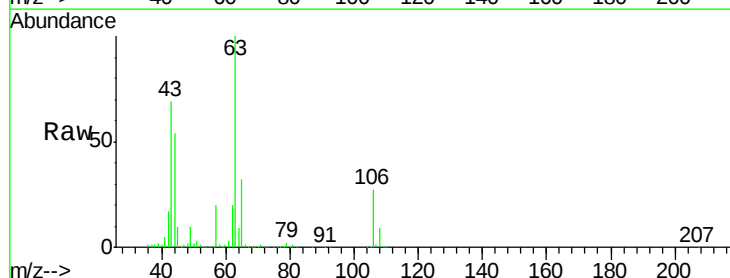
Acq: 20 Jun 2018 21:13

Tgt Ion: 63 Resp: 434018

Ion Ratio Lower Upper

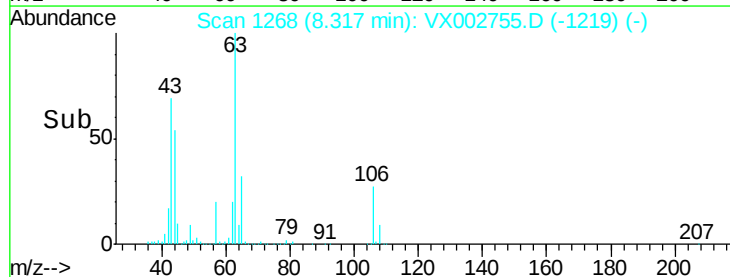
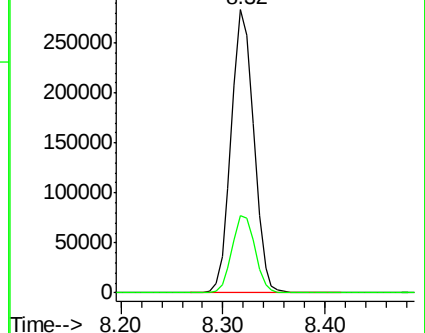
63 100

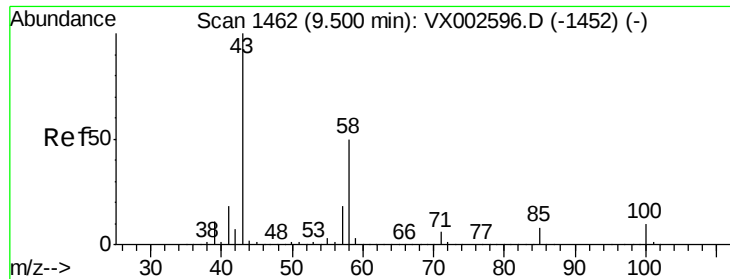
106 27.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

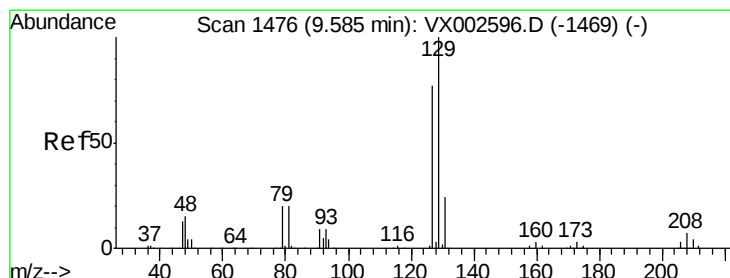
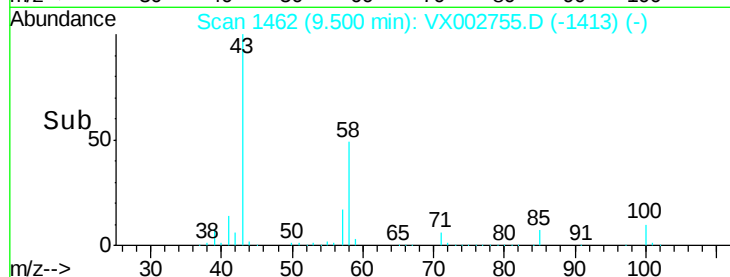
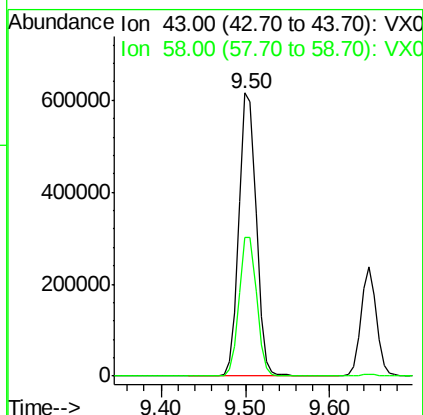
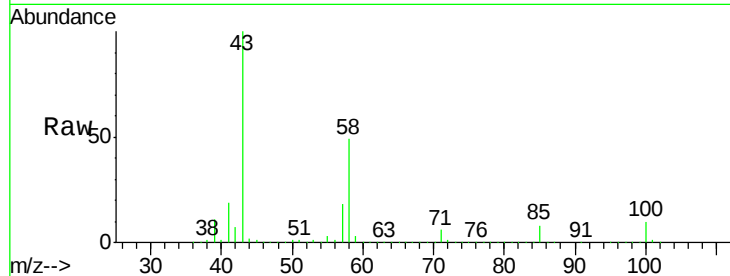




#59
2-Hexanone
Concen: 264.69 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

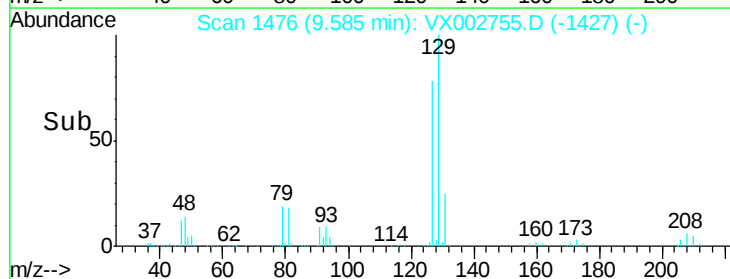
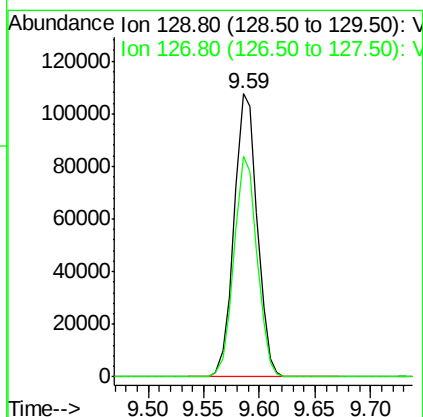
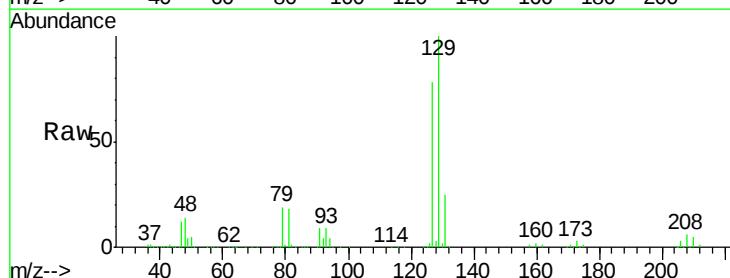
Instrument :
MSVOA_X
ClientSampleId :

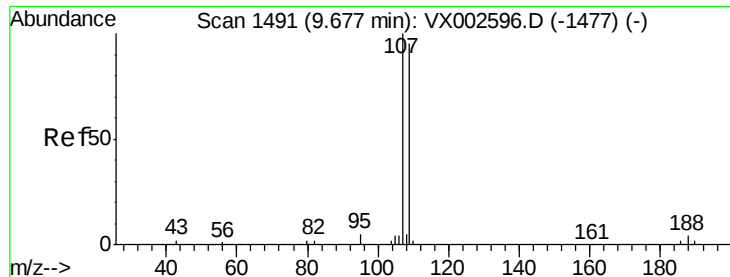
Tot Ion: 43 Resp: 843967
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 50.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:129 Resp: 154736
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.62 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

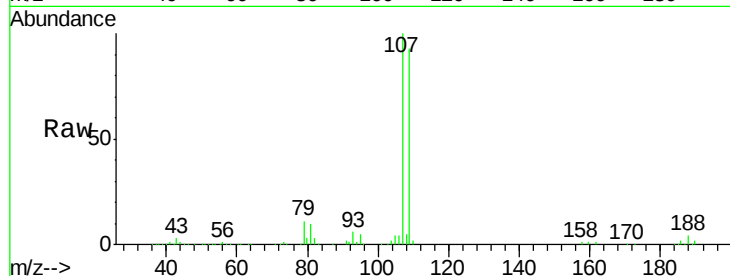
ClientSampleId :

Tot Ion:107 Resp: 148020

Ion Ratio Lower Upper

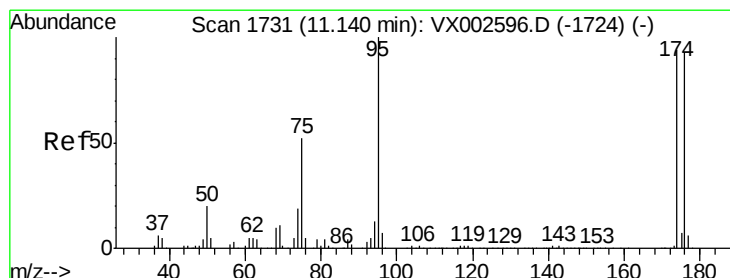
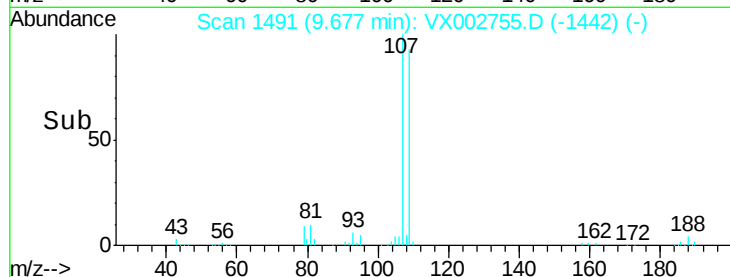
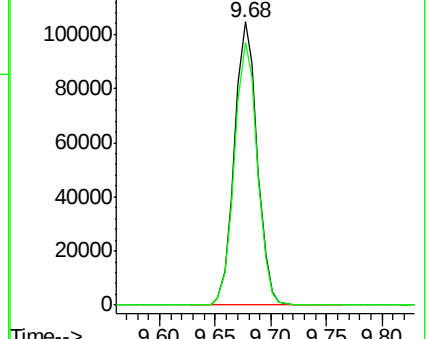
107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

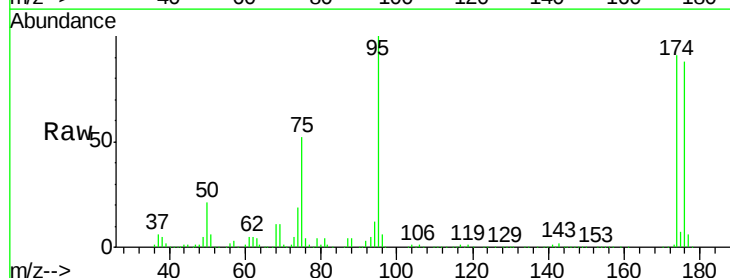
Tgt Ion: 95 Resp: 173458

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

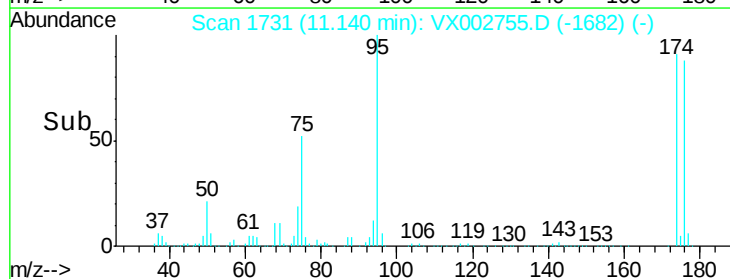
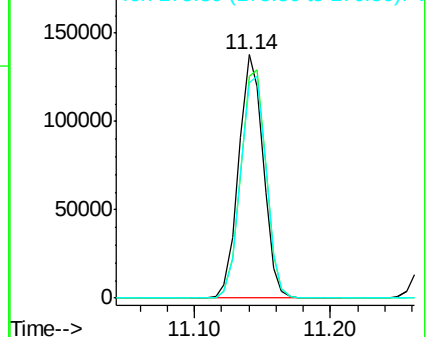
176 95.3 0.0 181.0

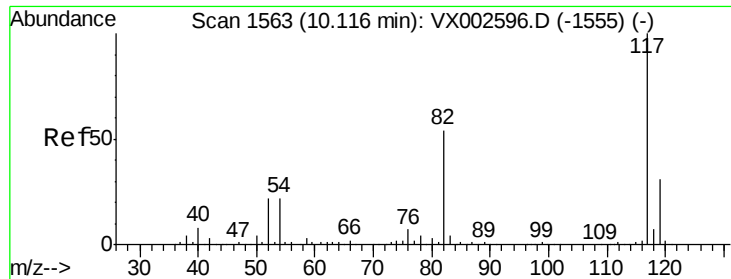


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

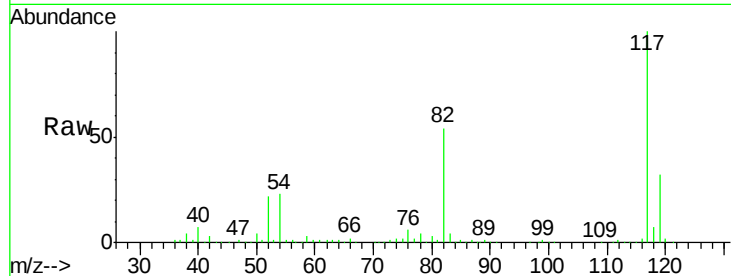
Tot Ion:117 Resp: 321168

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

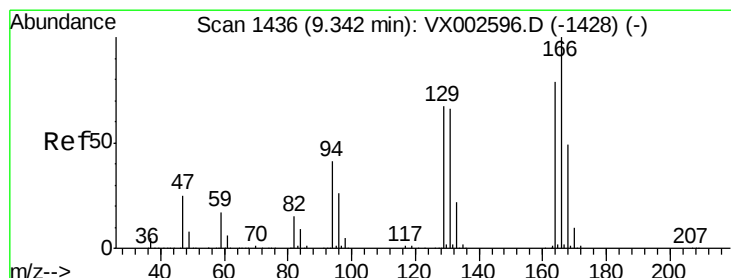
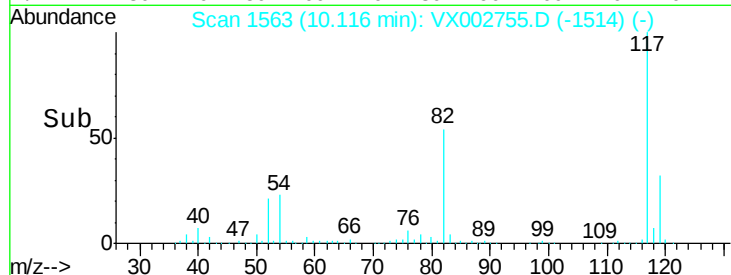
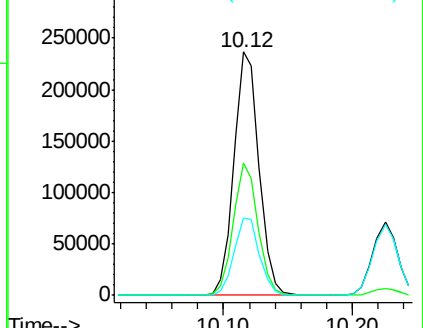
119 31.7 25.8 38.6



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: 43.30 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:164 Resp: 154373

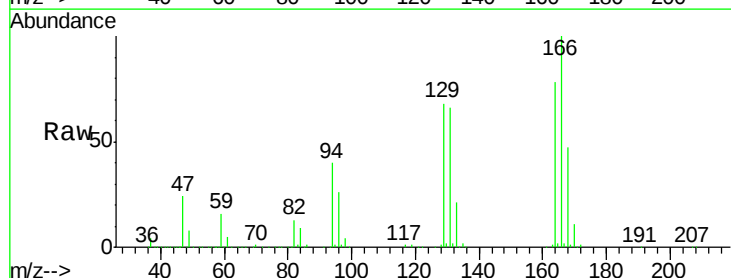
Ion Ratio Lower Upper

164 100

166 128.3 102.9 154.3

129 87.3 68.6 102.8

131 84.2 66.8 100.2

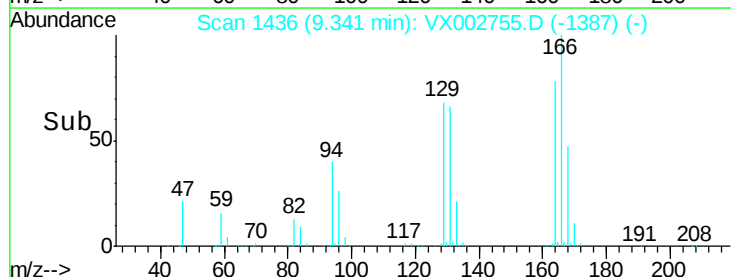
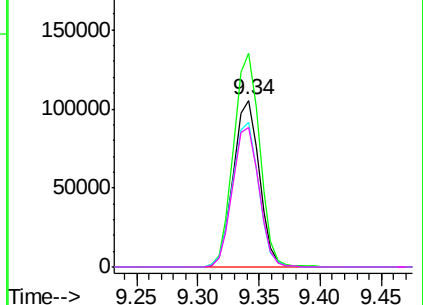


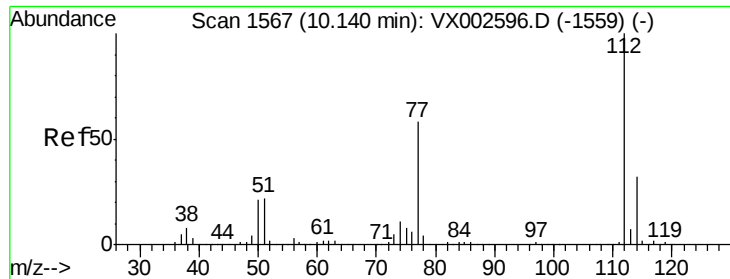
Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.83 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

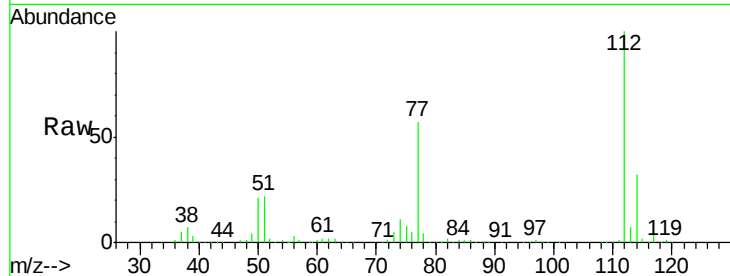
ClientSampleId :

Tot Ion:112 Resp: 385171

Ion Ratio Lower Upper

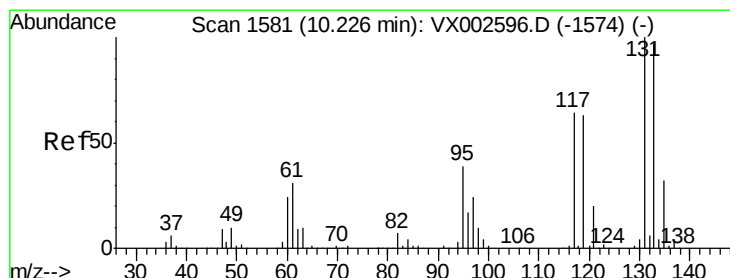
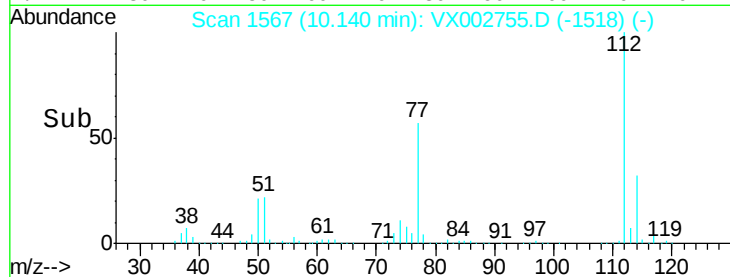
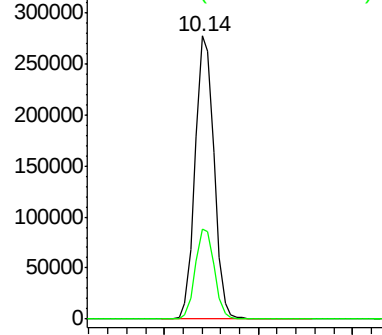
112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.31 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

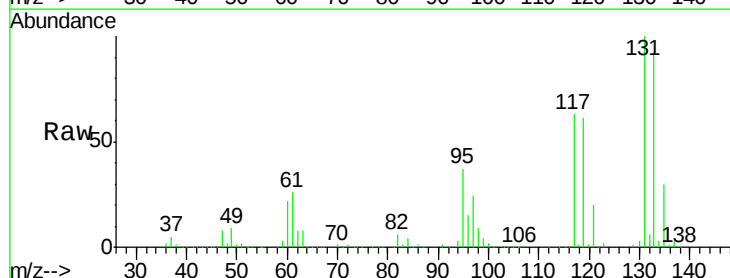
Tgt Ion:131 Resp: 146033

Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.6

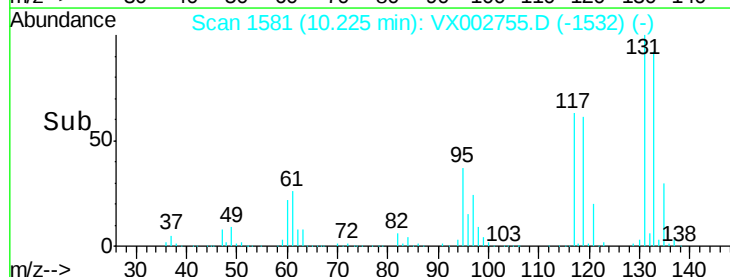
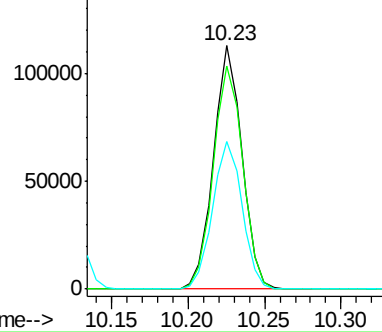
119 62.9 31.8 95.3

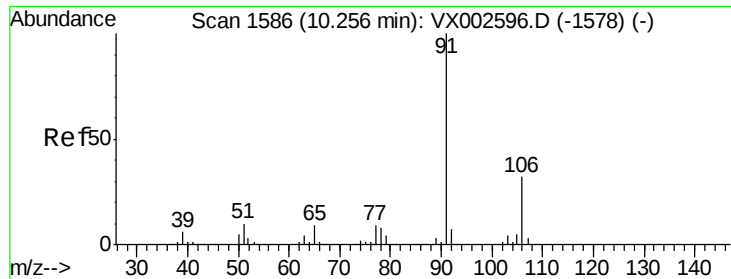


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

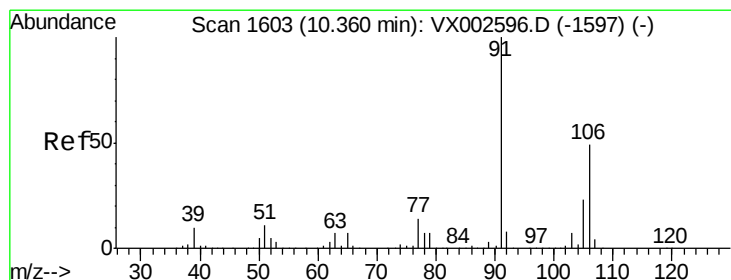
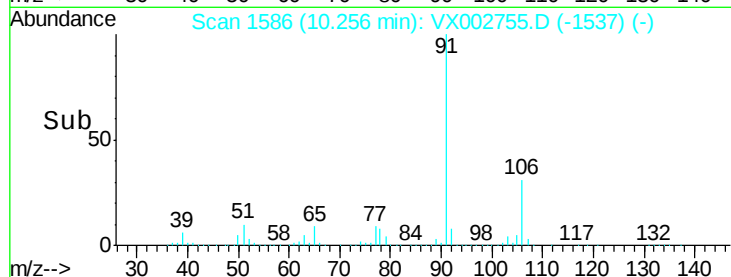
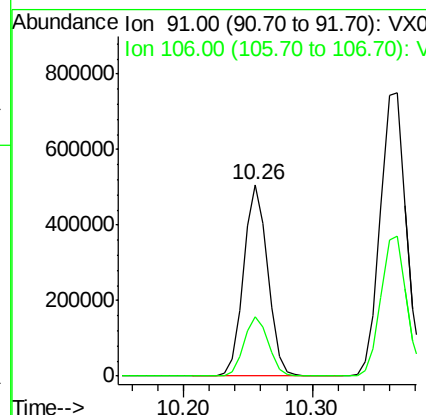
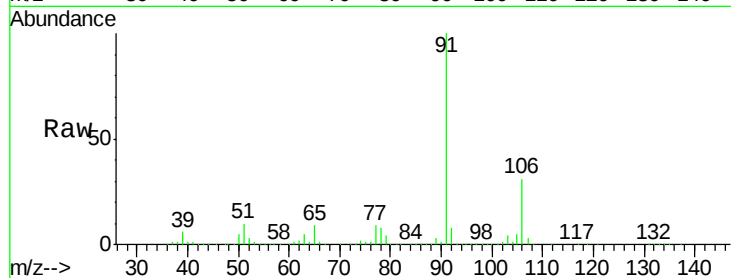




#67
Ethyl Benzene
Concen: 49.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

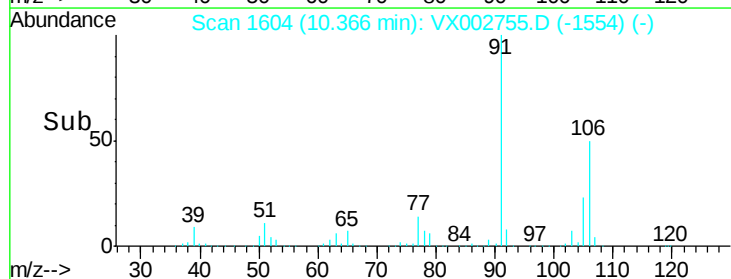
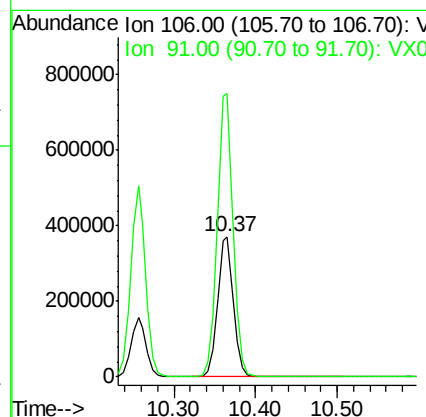
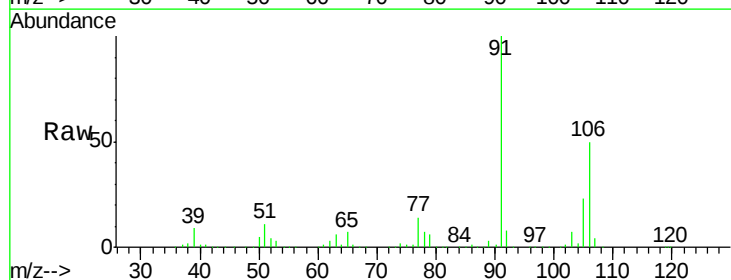
Instrument :
MSVOA_X
ClientSampleId :

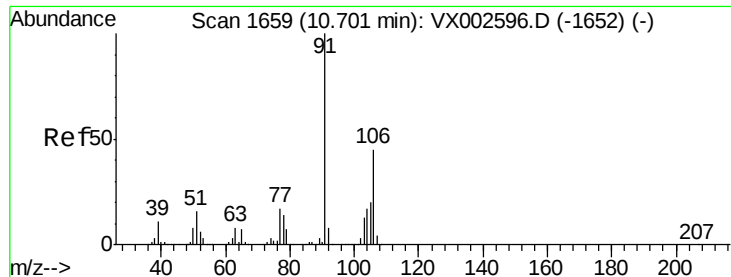
Tot Ion: 91 Resp: 656530
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 99.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 106 Resp: 510325
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2

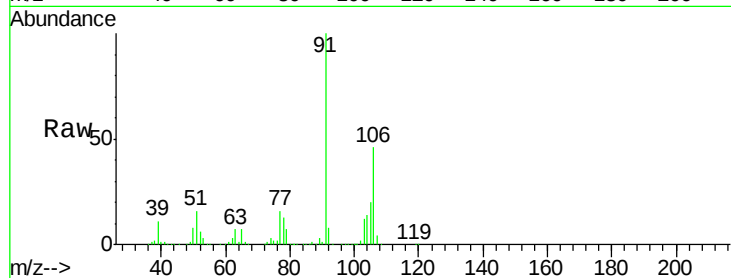




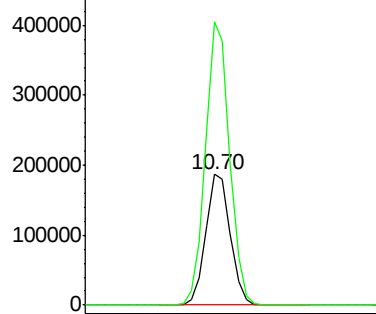
#69
o-Xylene
Concen: 49.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :

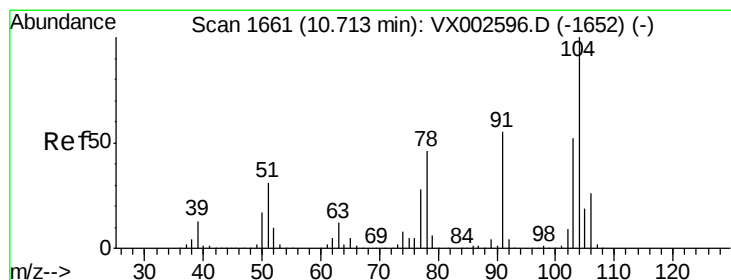
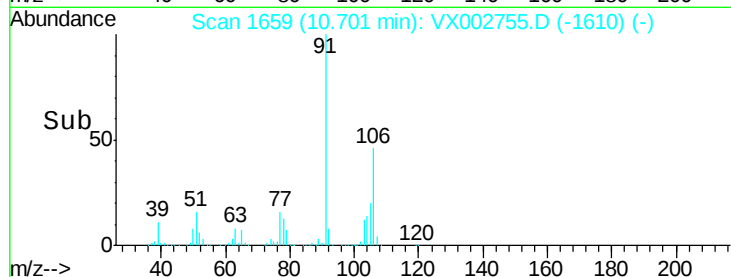
Tot Ion:106 Resp: 248572
Ion Ratio Lower Upper
106 100
91 212.3 108.2 324.6



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

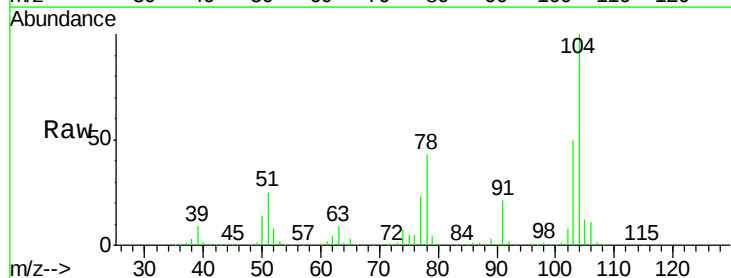


Time-->

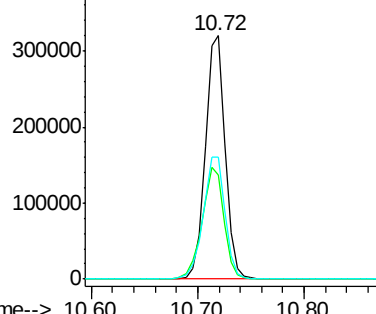


#70
Styrene
Concen: 50.35 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

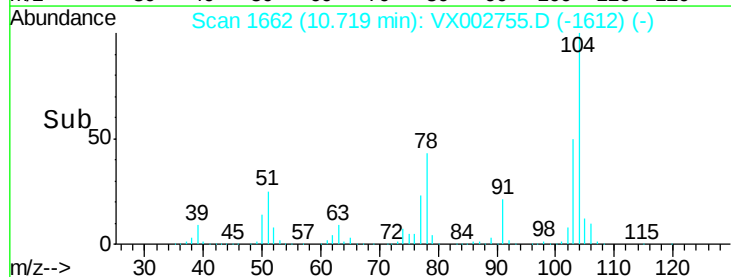
Tgt Ion:104 Resp: 417526
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.8 44.2 66.4

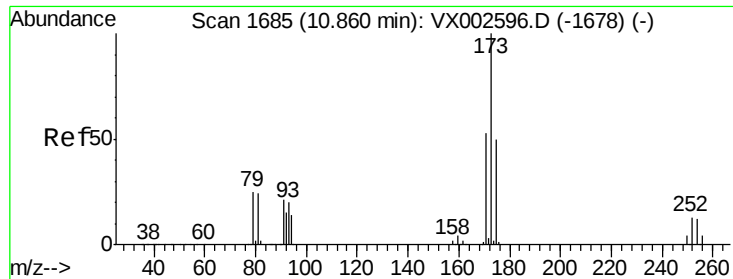


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->

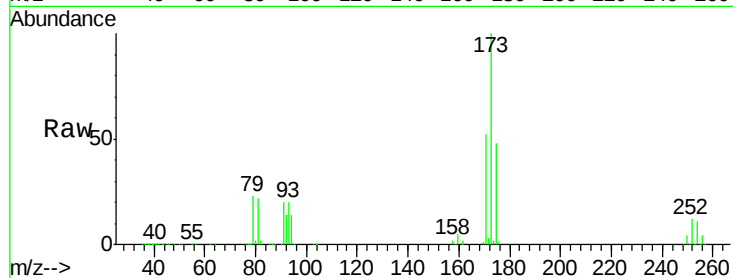




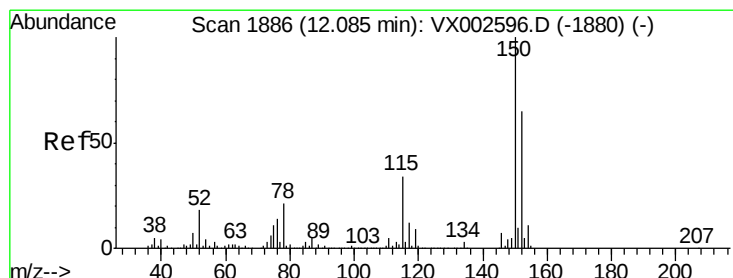
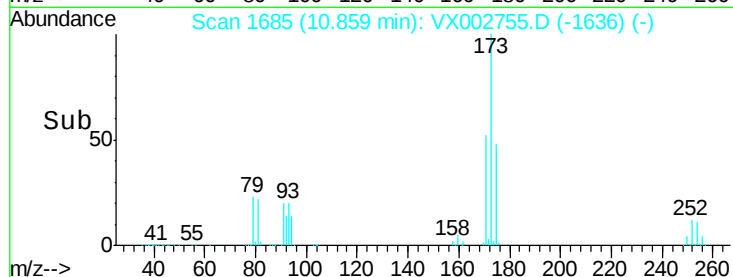
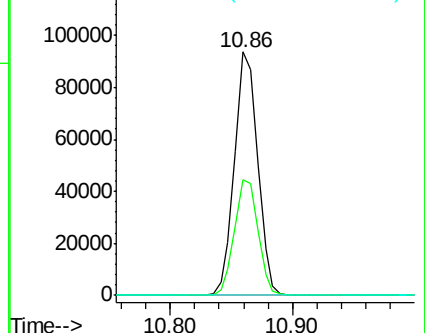
#71
Bromoform
Concen: 49.95 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 122261
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2#

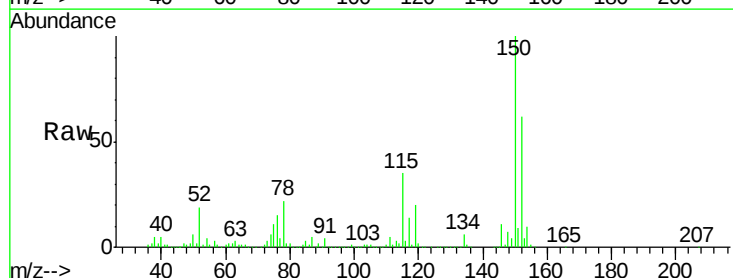


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

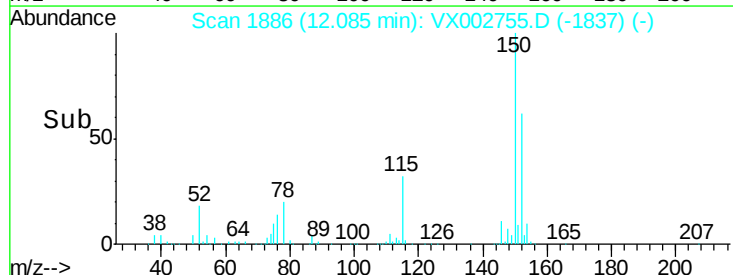
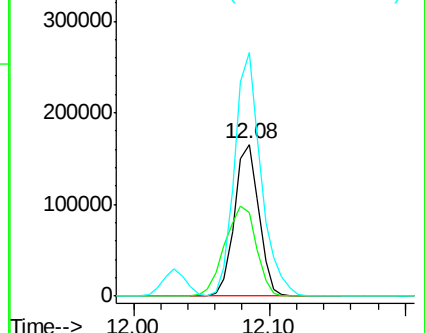


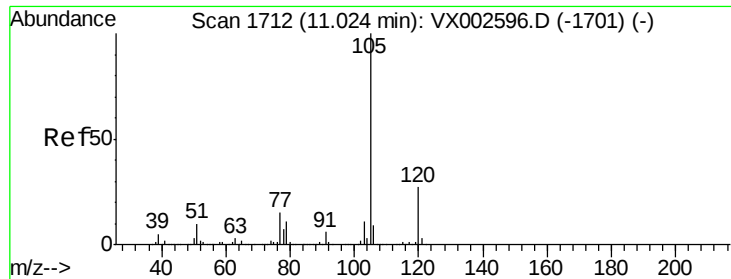
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:152 Resp: 205806
Ion Ratio Lower Upper
152 100
115 76.9 40.1 120.2
150 174.5 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

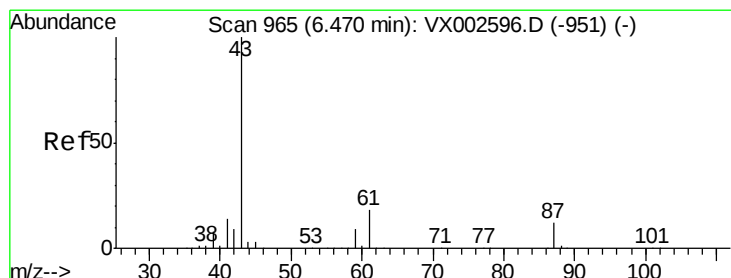
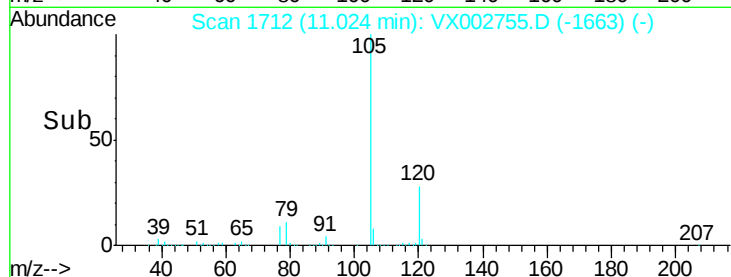
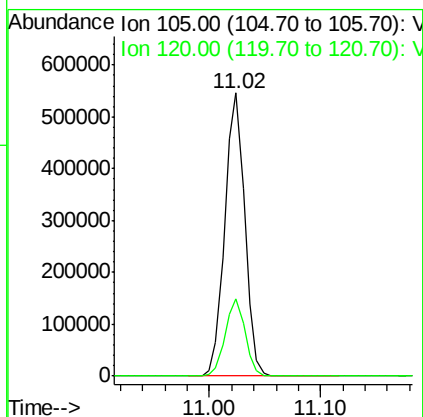
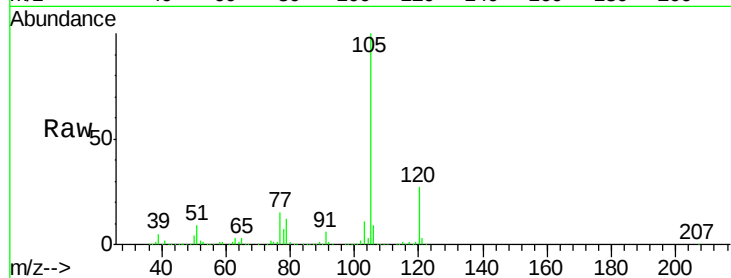




#73
Isopropylbenzene
Concen: 49.20 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

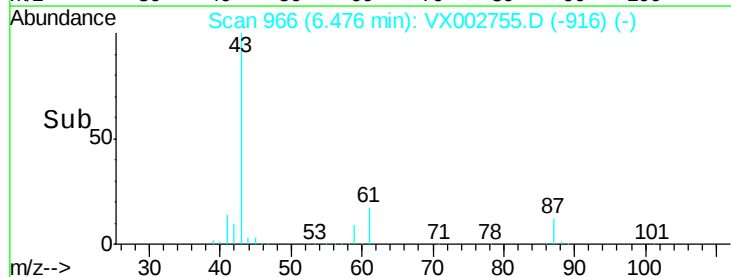
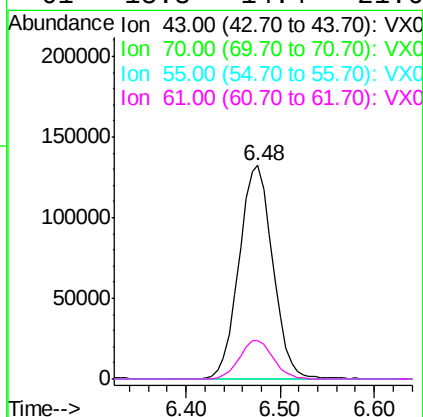
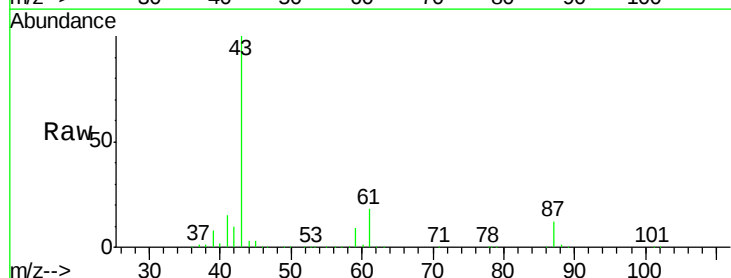
Instrument :
MSVOA_X
ClientSampleId :

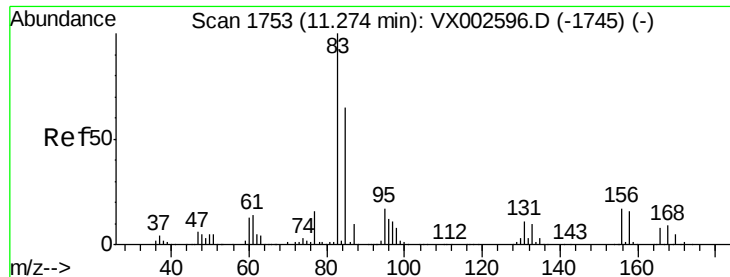
Tot Ion:105 Resp: 677237
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 48.14 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 43 Resp: 329227
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.0 0.0#
61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

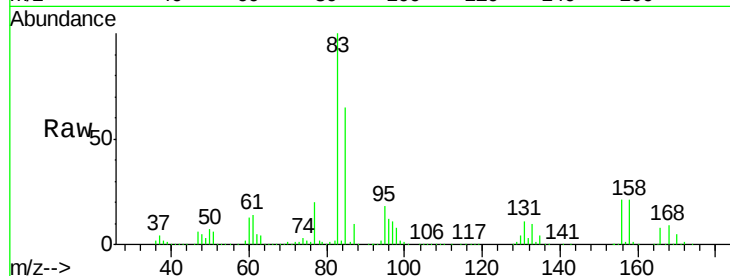
Tot Ion: 83 Resp: 221319

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.9 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

200000

150000

100000

50000

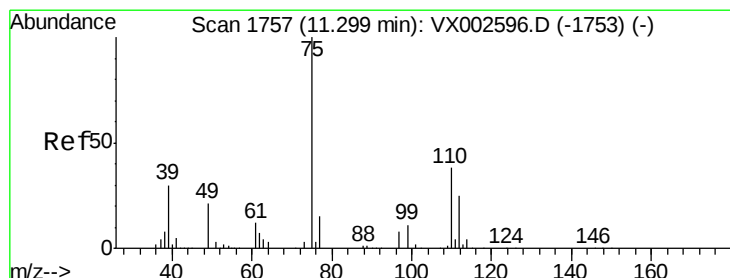
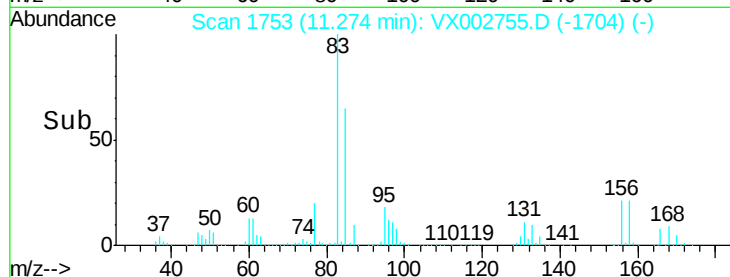
0

11.20

11.30

11.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.68 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002755.D

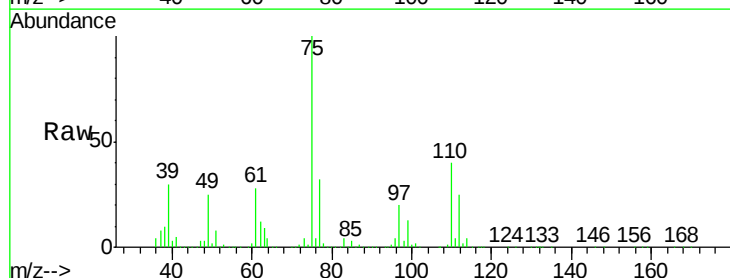
Acq: 20 Jun 2018 21:13

Tgt Ion: 75 Resp: 227889

Ion Ratio Lower Upper

75 100

77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

100000

50000

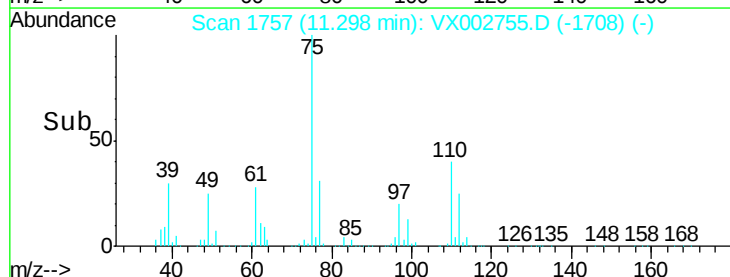
0

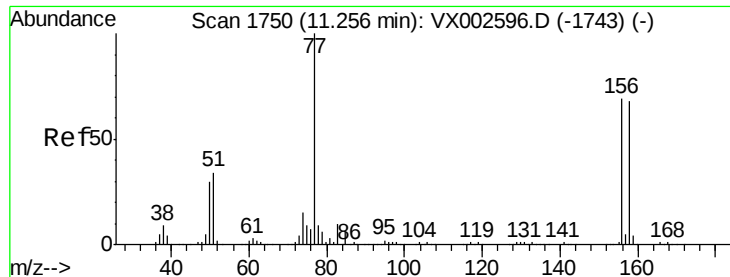
11.25

11.30

11.35

Time-->





#77

Bromobenzene

Concen: 48.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

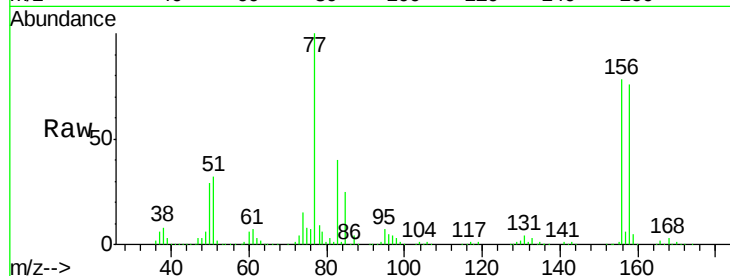
Tot Ion:156 Resp: 187308

Ion Ratio Lower Upper

156 100

77 137.0 71.4 214.2

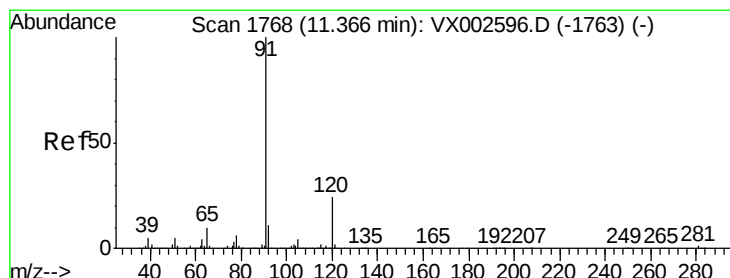
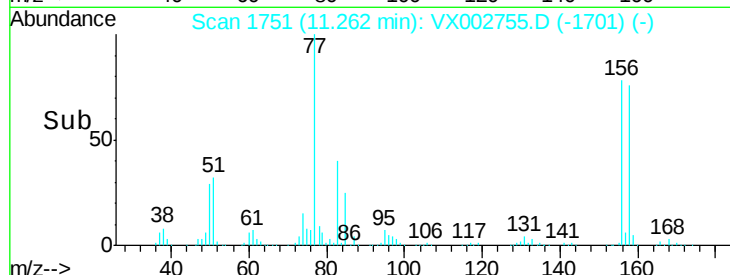
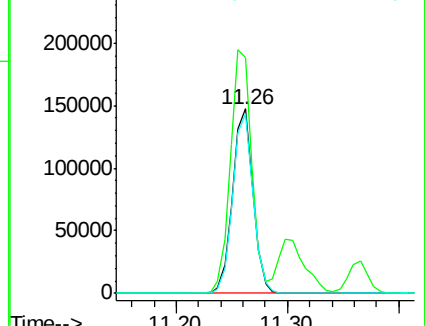
158 97.6 48.9 146.6



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: 48.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002755.D

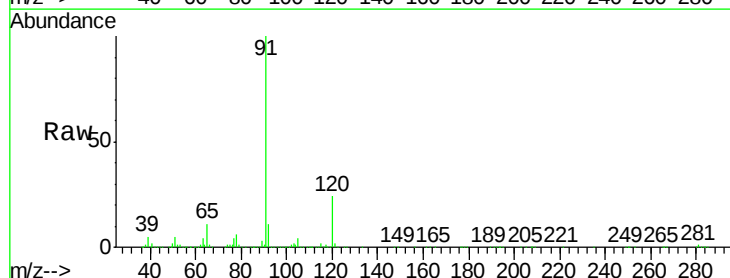
Acq: 20 Jun 2018 21:13

Tgt Ion: 91 Resp: 769124

Ion Ratio Lower Upper

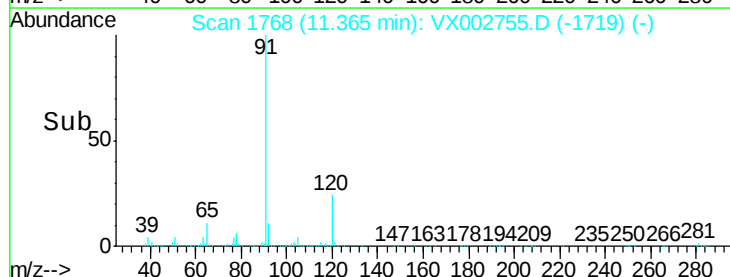
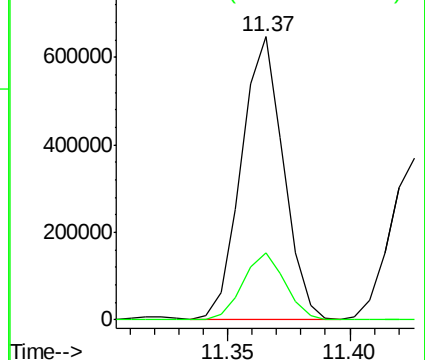
91 100

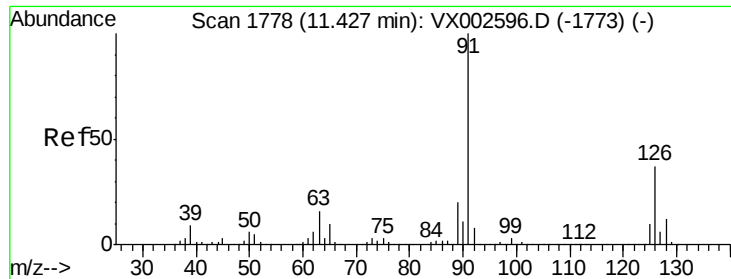
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

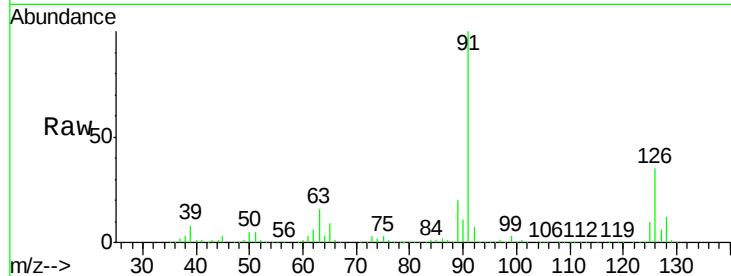
ClientSampleId :

Tot Ion: 91 Resp: 459240

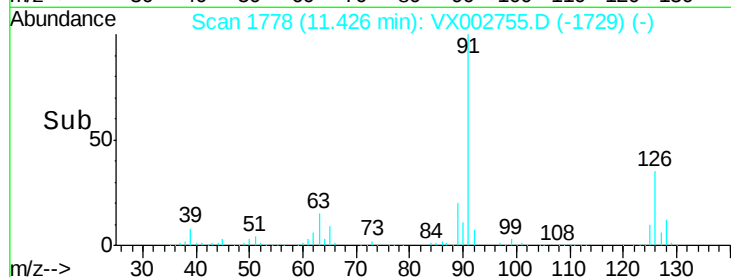
Ion Ratio Lower Upper

91 100

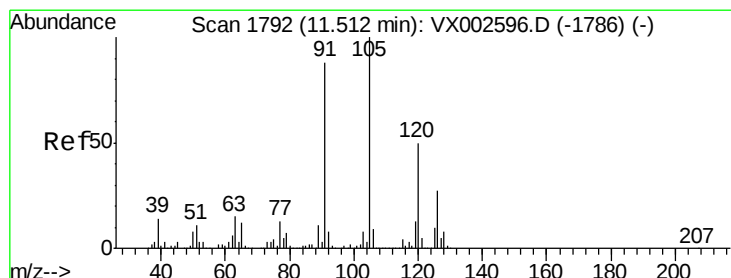
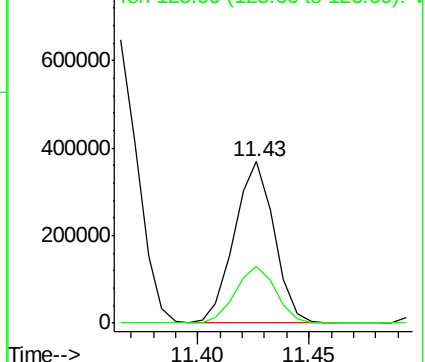
126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002755.D (-1729) (-)



Ion 125.90 (125.60 to 126.60): VX002755.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002755.D

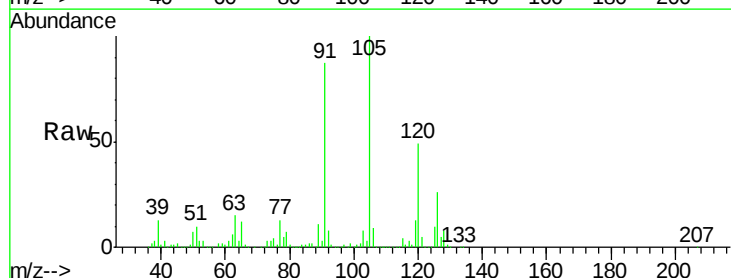
Acq: 20 Jun 2018 21:13

Tgt Ion: 105 Resp: 576510

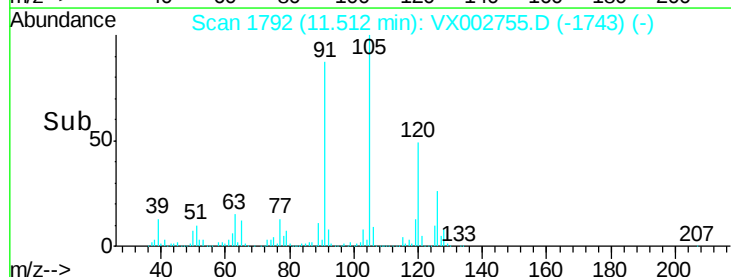
Ion Ratio Lower Upper

105 100

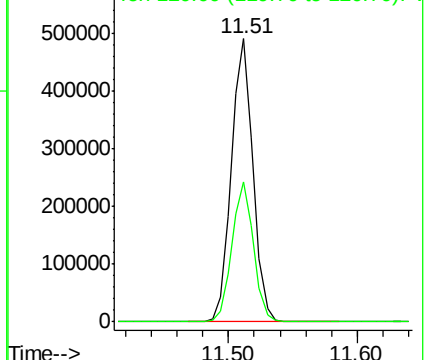
120 49.2 24.4 73.4

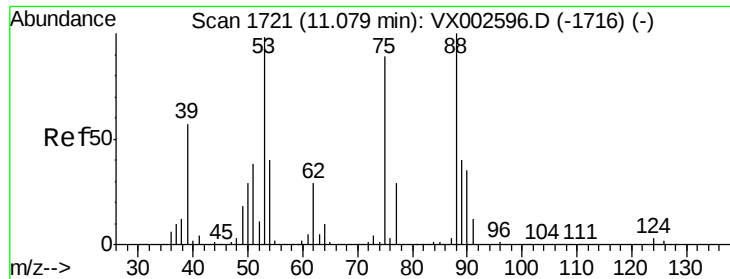


Abundance Ion 105.00 (104.70 to 105.70): VX002755.D (-1743) (-)



Ion 120.00 (119.70 to 120.70): VX002755.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 37.66 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

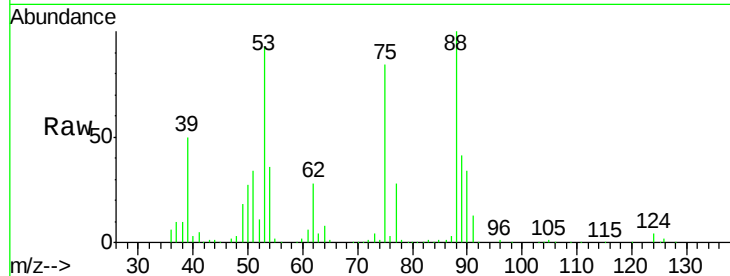
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 44337

Ion	Ratio	Lower	Upper
75	100		
53	110.5	86.8	130.2
89	48.3	38.2	57.2

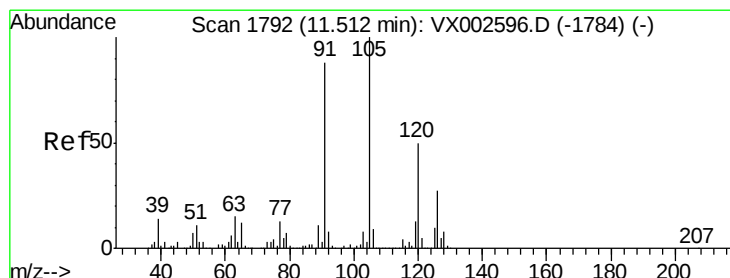
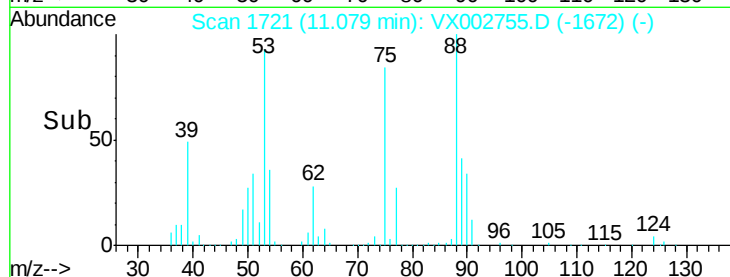
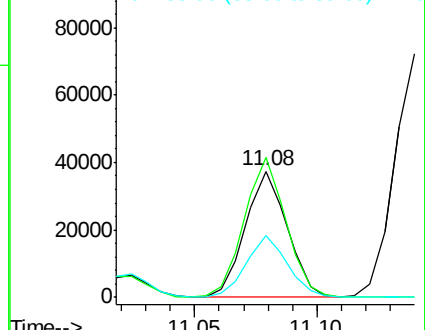


Abundance

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: 49.09 ug/l

RT: 11.51 min Scan# 1792

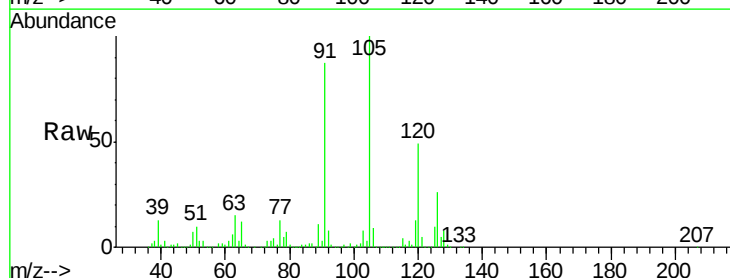
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion: 91 Resp: 545920

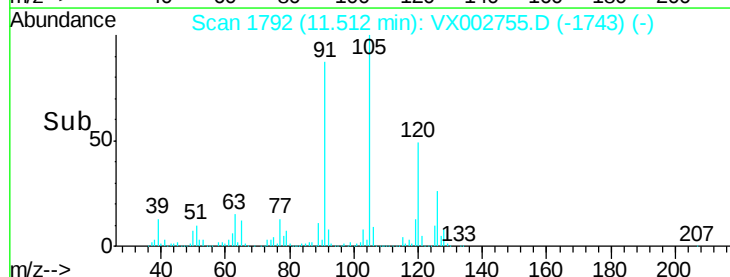
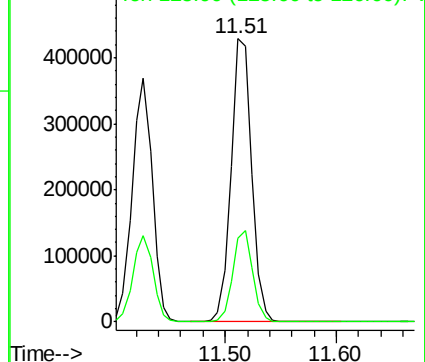
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4

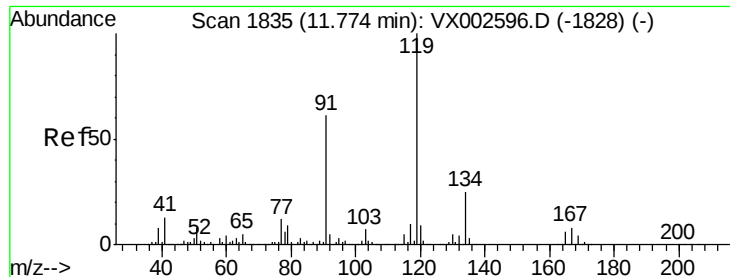


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

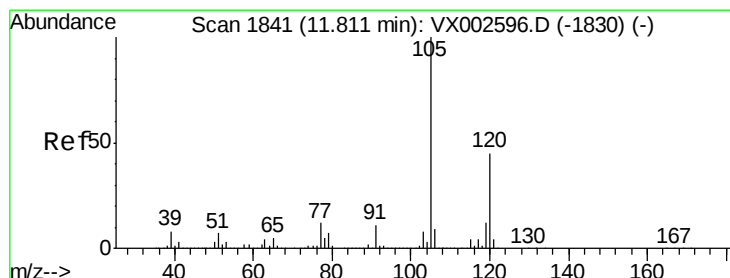
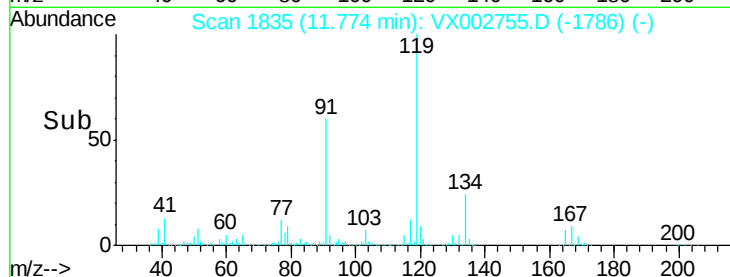
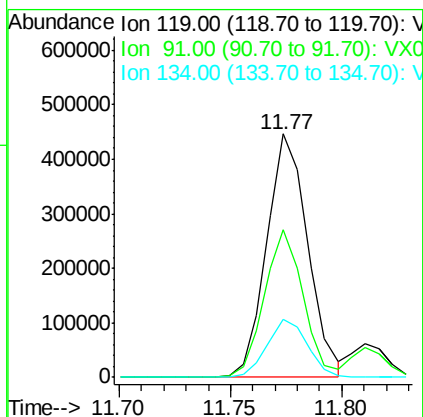
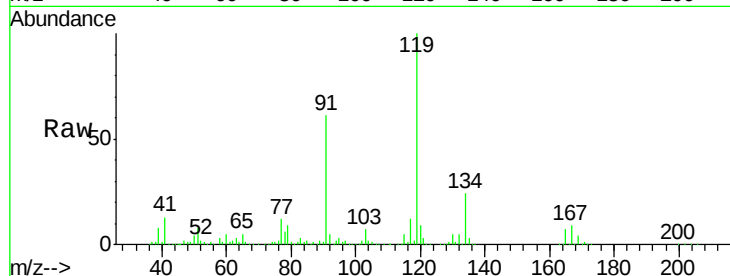




#83
tert-Butylbenzene
Concen: 51.18 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

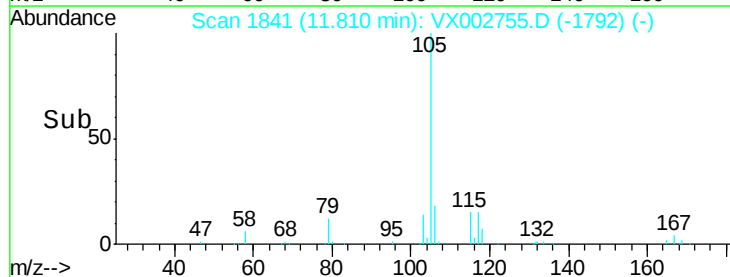
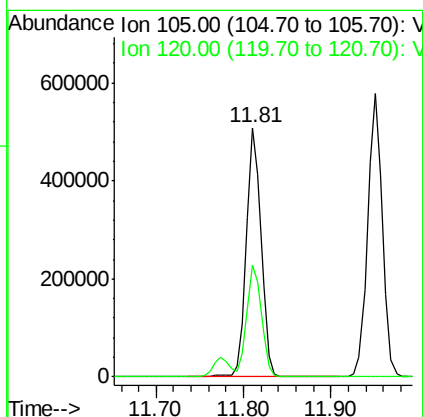
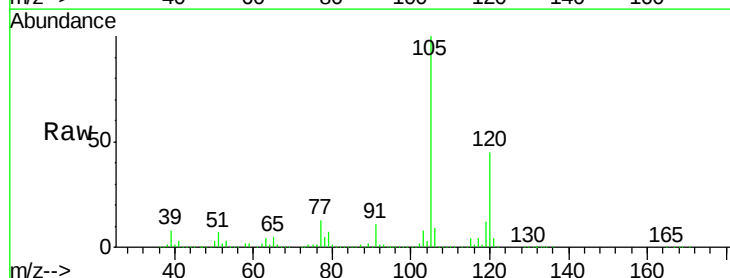
Instrument :
MSVOA_X
ClientSampled :

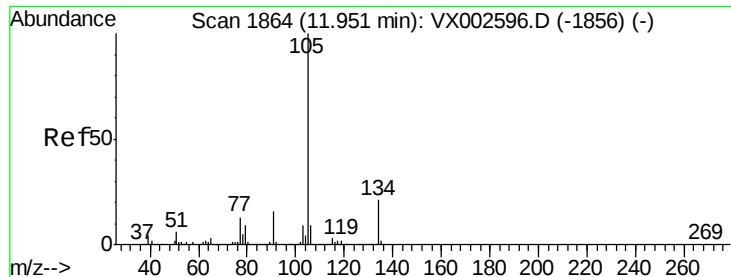
Tot Ion:119 Resp: 573529
Ion Ratio Lower Upper
119 100
91 57.5 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:105 Resp: 595802
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

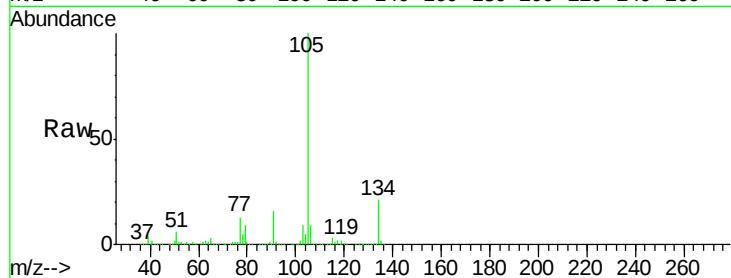
ClientSampleId :

Tot Ion:105 Resp: 684273

Ion Ratio Lower Upper

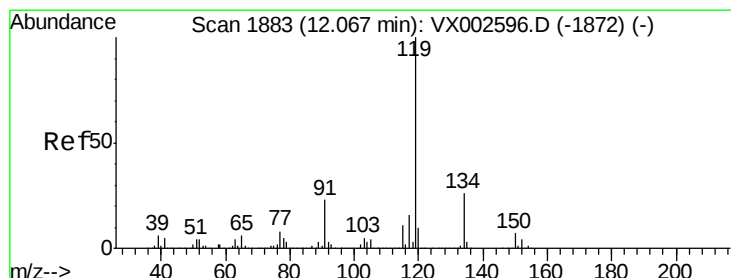
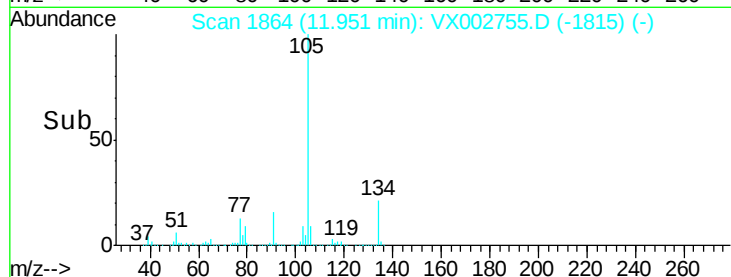
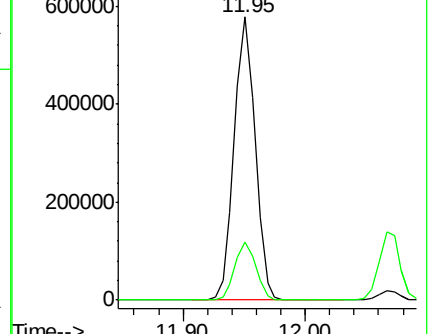
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

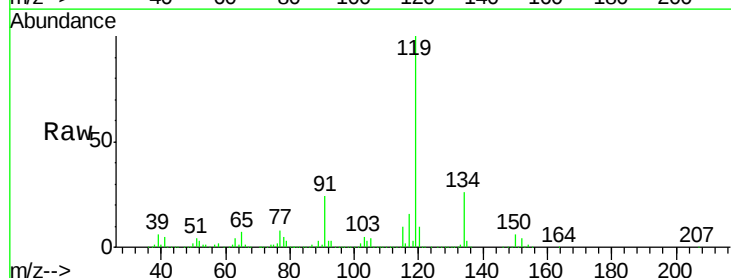
Tgt Ion:119 Resp: 620568

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

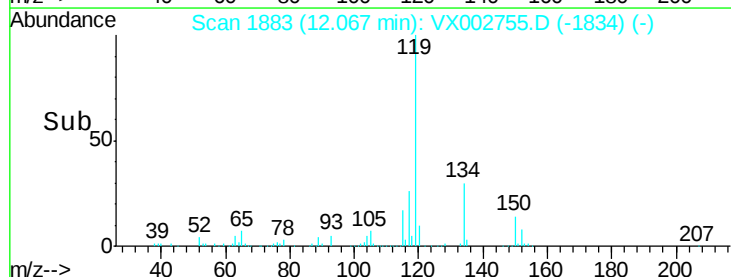
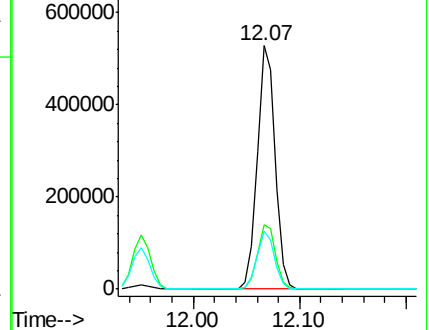
91 23.5 11.9 35.7

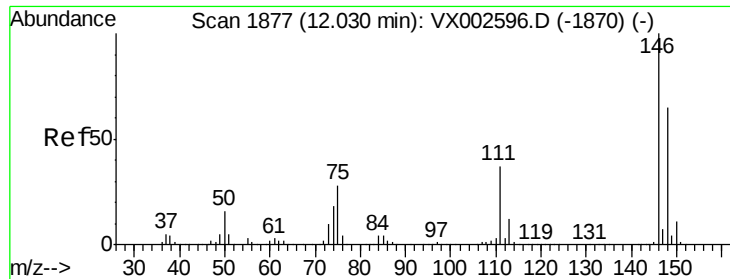


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

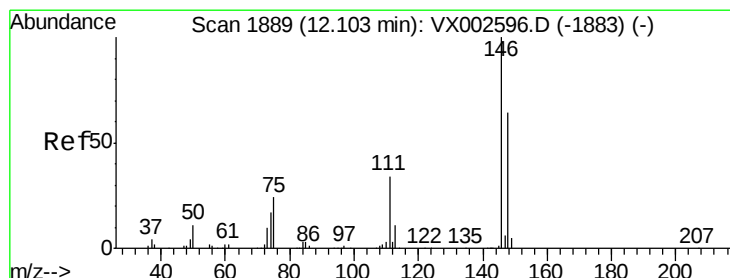
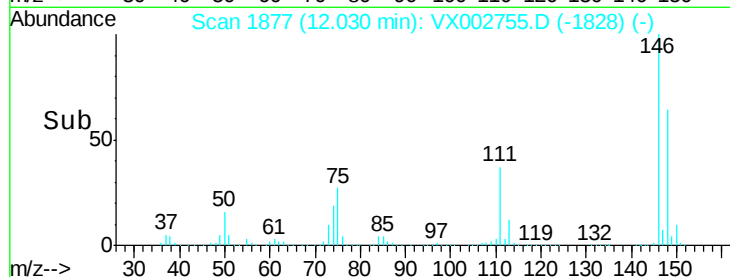
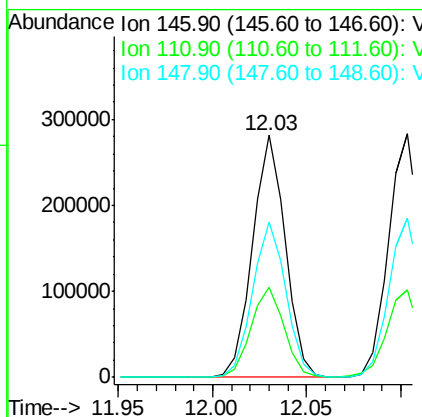
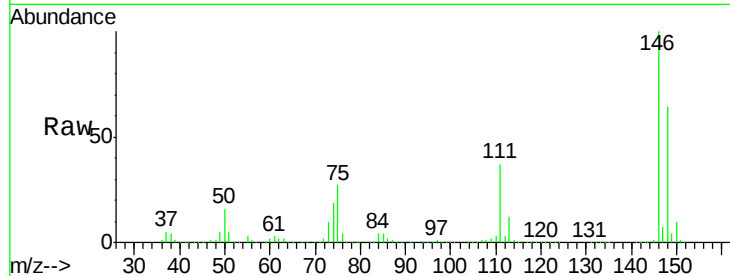




#87
 1,3-Dichlorobenzene
 Concen: 48.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

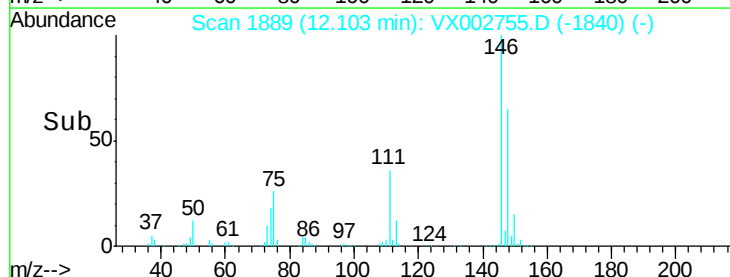
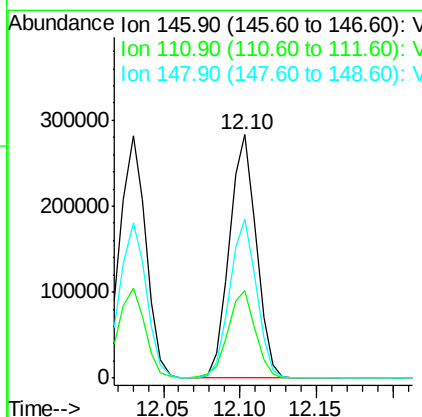
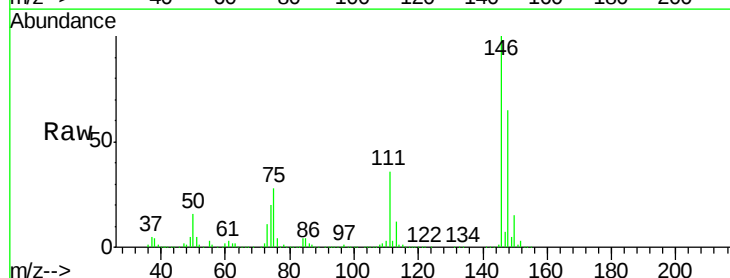
Instrument :
 MSVOA_X
 ClientSampleId :

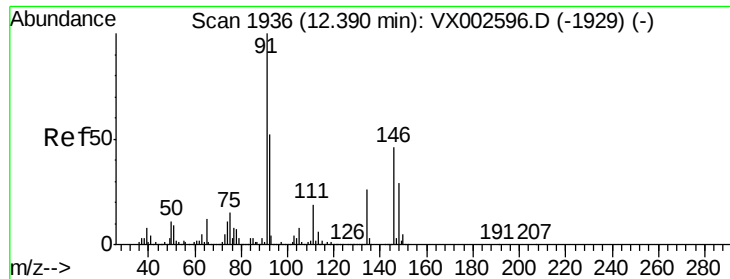
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	65.1	32.4	97.0





#89

n-Butylbenzene

Concen: 47.44 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampled :

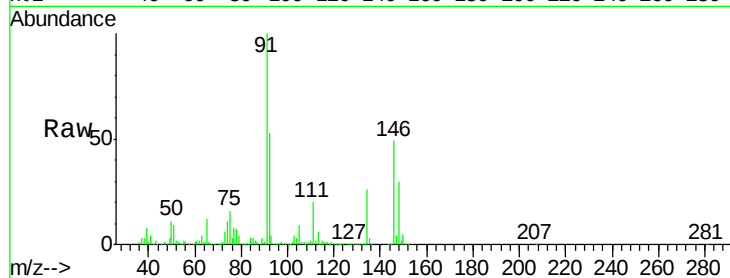
Tot Ion: 91 Resp: 527628

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

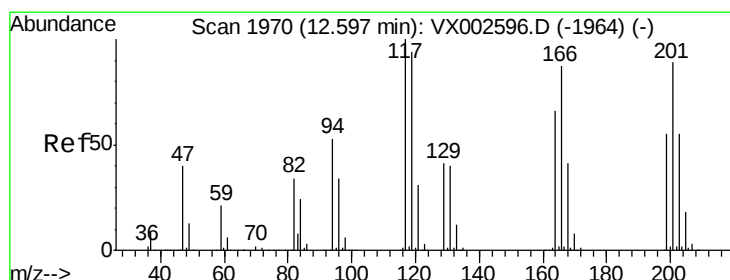
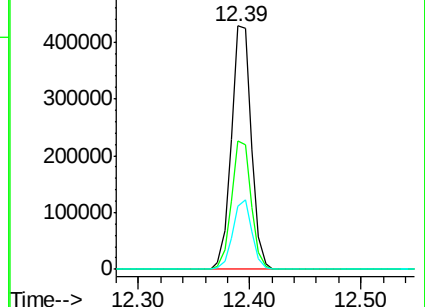
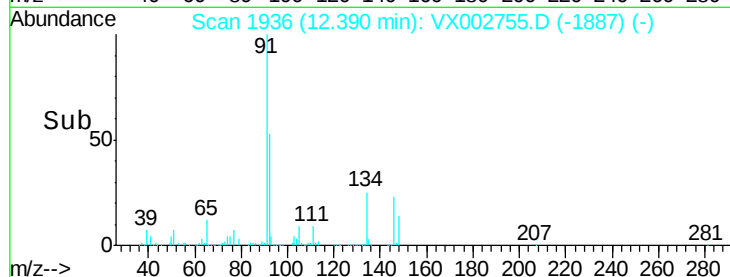
134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002755.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002755.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002755.D (-1887) (-)



#90

Hexachloroethane

Concen: 42.47 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002755.D

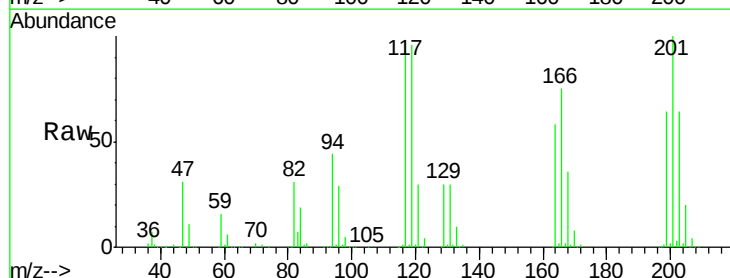
Acq: 20 Jun 2018 21:13

Tgt Ion: 117 Resp: 82647

Ion Ratio Lower Upper

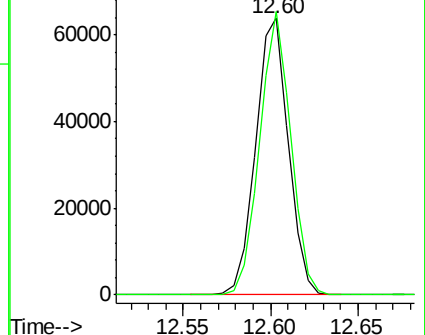
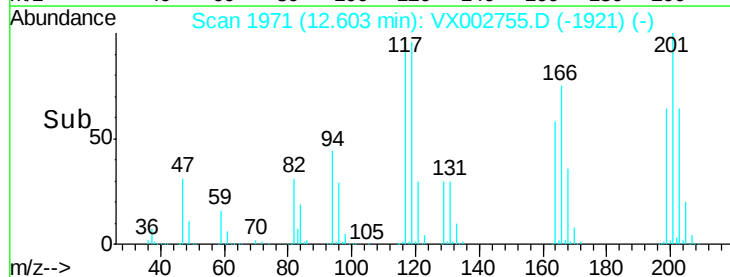
117 100

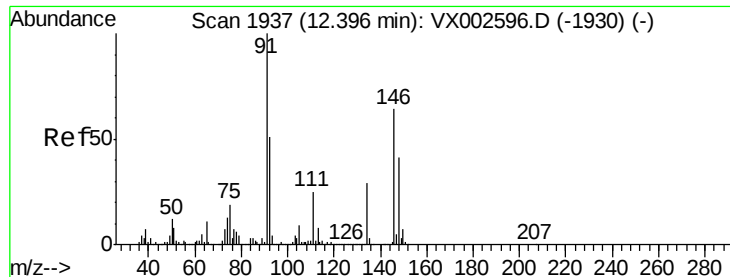
201 97.3 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002755.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002755.D (-1921) (-)





#91

1,2-Dichlorobenzene

Concen: 49.05 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

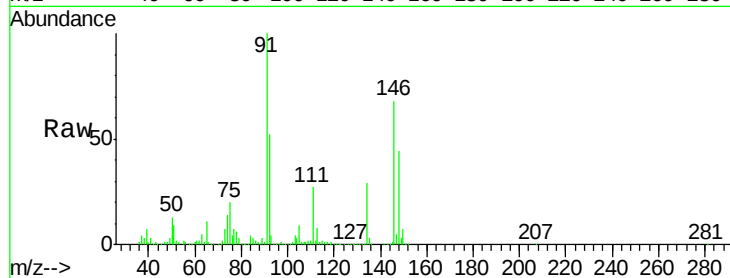
Tot Ion:146 Resp: 347197

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

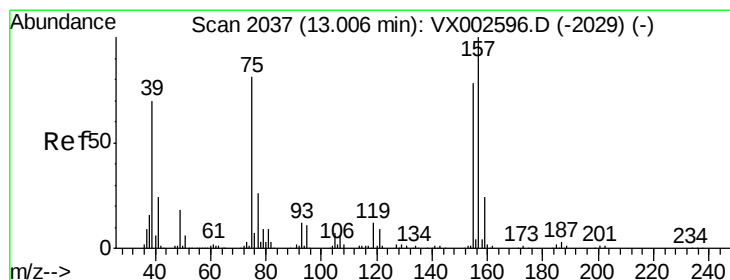
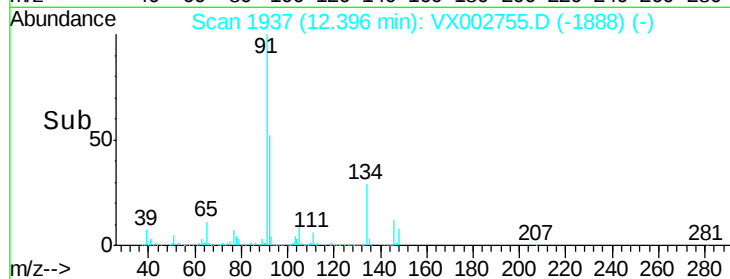
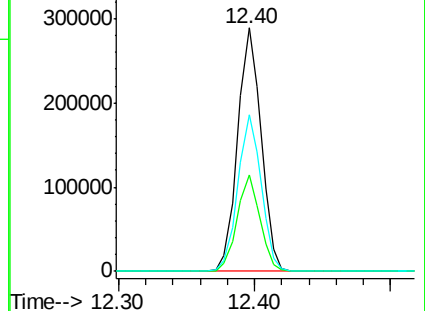
148 63.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.60 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

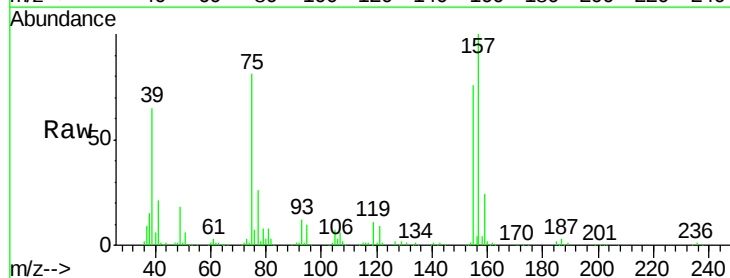
Tgt Ion: 75 Resp: 50743

Ion Ratio Lower Upper

75 100

155 95.3 45.8 137.4

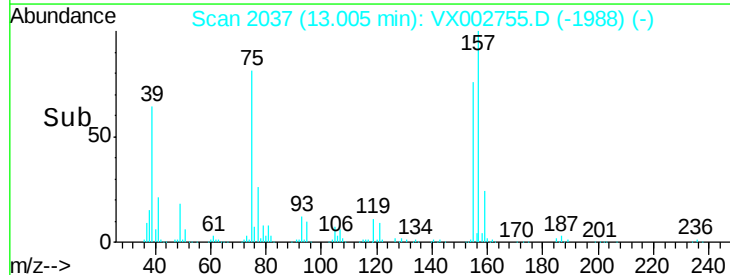
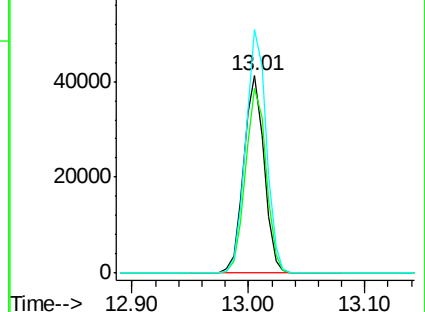
157 124.5 60.1 180.3

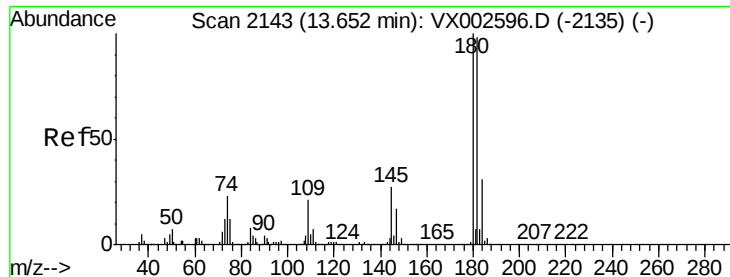


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

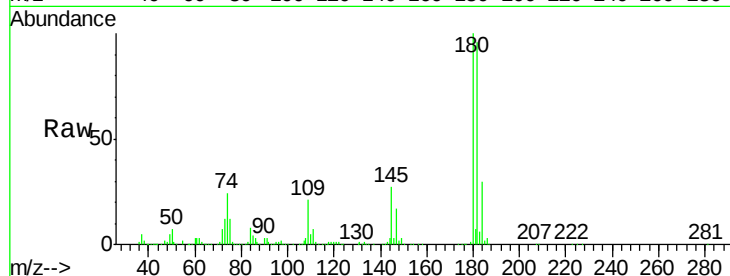




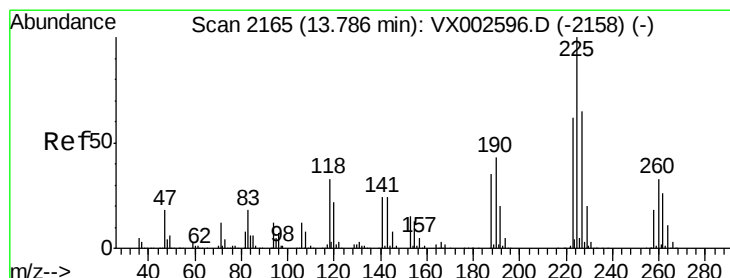
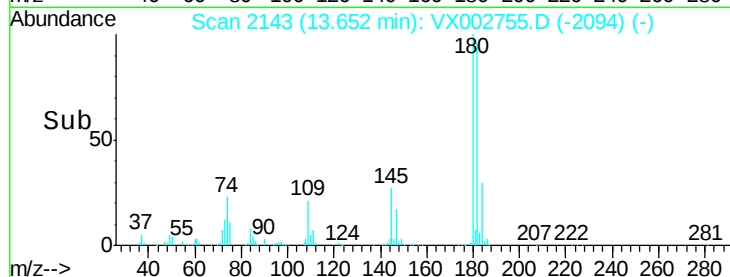
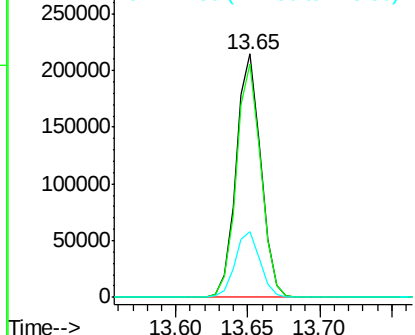
#93
 1,2,4-Trichlorobenzene
 Concen: 49.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	27.5	14.1	42.4

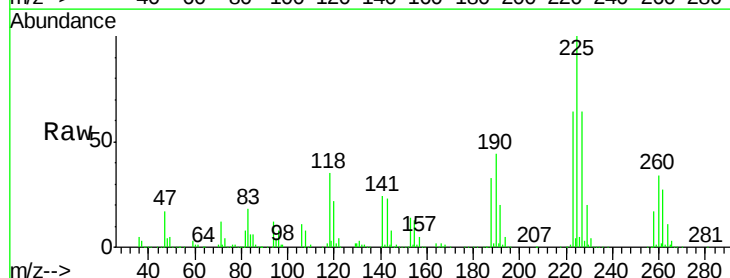


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

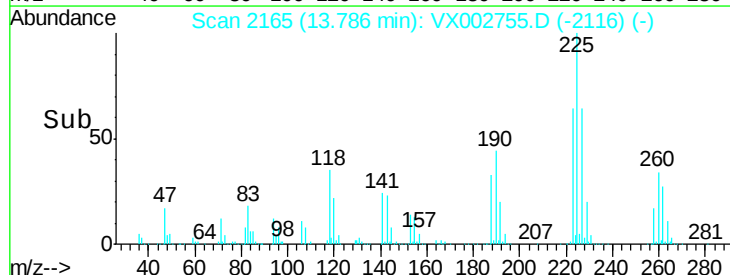
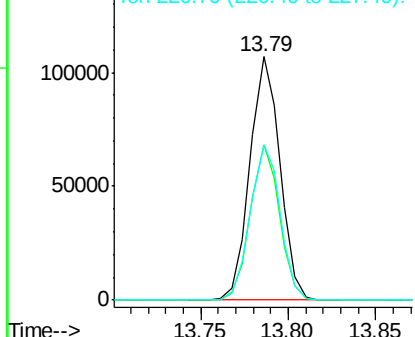


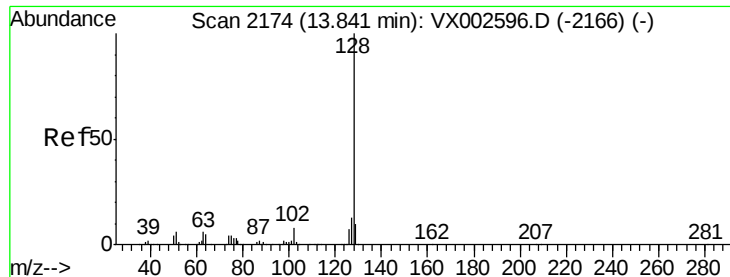
#94
 Hexachlorobutadiene
 Concen: 47.28 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	95.0
227	64.0	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

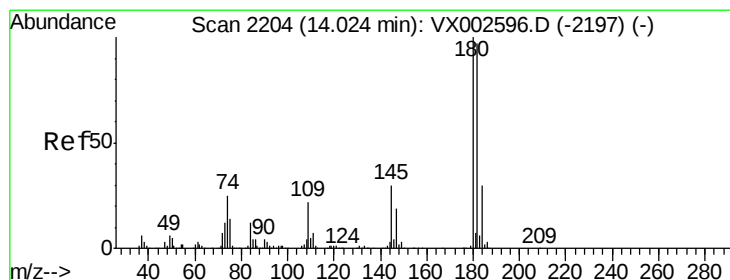
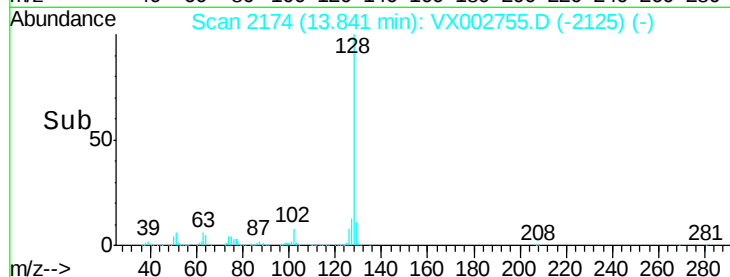
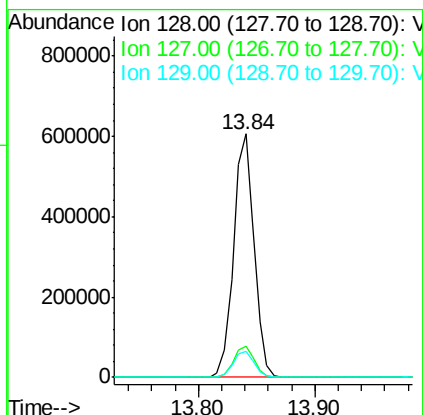
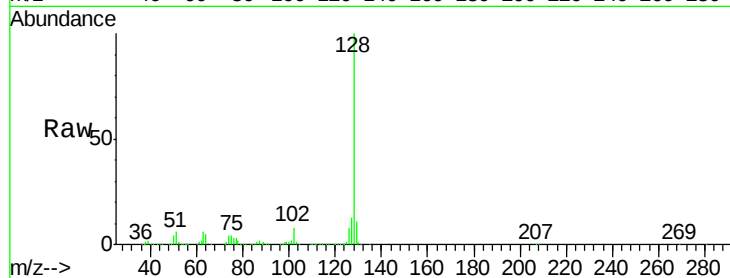




#95
Naphthalene
Concen: 53.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 739763
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.03 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:180 Resp: 263253
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 29.0 14.8 44.3

