

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004645.D
 Acq On : 18 Sep 2018 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:20:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	262121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149888	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	5.50	113	134809	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	452863	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	166479	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	124155	50.539	ug/l	98
3) Chloromethane	1.32	50	163896	48.478	ug/l	96
4) Vinyl Chloride	1.40	62	170517	49.141	ug/l	99
5) Bromomethane	1.64	94	78158	53.886	ug/l	97
6) Chloroethane	1.71	64	104845	46.724	ug/l	99
7) Trichlorofluoromethane	1.92	101	226209	49.175	ug/l	98
8) Diethyl Ether	2.19	74	102746	49.822	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150241	51.485	ug/l	97
10) Methyl Iodide	2.51	142	156242	45.234	ug/l	96
11) Tert butyl alcohol	3.06	59	181101	224.560	ug/l	99
12) 1,1-Dichloroethene	2.37	96	139639	50.985	ug/l	97
13) Acrolein	2.29	56	44574	140.016	ug/l	94
14) Allyl chloride	2.72	41	286268	50.840	ug/l	94
15) Acrylonitrile	3.14	53	469479	241.740	ug/l	98
16) Acetone	2.44	43	377178	228.648	ug/l	95
17) Carbon Disulfide	2.57	76	393677	49.728	ug/l	97
18) Methyl Acetate	2.78	43	222359	48.045	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	466560	48.550	ug/l	# 90
20) Methylene Chloride	2.85	84	167695	49.556	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	148566	49.089	ug/l	95
22) Diisopropyl ether	3.87	45	498802	49.185	ug/l	94
23) Vinyl Acetate	3.82	43	2114326	257.631	ug/l	99
24) 1,1-Dichloroethane	3.69	63	295733	51.651	ug/l	97
25) 2-Butanone	4.69	43	569888	217.070	ug/l	100
26) 2,2-Dichloropropane	4.58	77	216546	55.065	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	172364	51.018	ug/l	99
28) Bromochloromethane	5.01	49	118762	45.347	ug/l	98
29) Tetrahydrofuran	5.15	42	368807	232.942	ug/l	99
30) Chloroform	5.21	83	283932	50.794	ug/l	93
31) Cyclohexane	5.57	56	250719	51.283	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	231600	51.442	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217070	57.752	ug/l	99
37) Ethyl Acetate	4.85	43	217444	50.865	ug/l	99
38) Carbon Tetrachloride	5.79	117	206238	56.177	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236128	60.202	ug/l	93
40) Benzene	6.13	78	651602	58.428	ug/l	99
41) Methacrylonitrile	5.06	41	125498	53.282	ug/l	99
42) 1,2-Dichloroethane	6.20	62	205875	55.660	ug/l	100
43) Isopropyl Acetate	6.46	43	324208	57.100	ug/l	99
44) Trichloroethene	7.21	130	170860	58.972	ug/l	91
45) 1,2-Dichloropropane	7.51	63	151902	56.606	ug/l	95
46) Dibromomethane	7.66	93	91943	54.234	ug/l	98
47) Bromodichloromethane	7.90	83	180650	56.348	ug/l	99
48) Methyl methacrylate	7.77	41	149062	53.047	ug/l	98
49) 1,4-Dioxane	7.75	88	70301	1057.049	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	963179	240.379	ug/l	98
52) Toluene	8.79	92	348839	53.091	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	199302	53.217	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220787	57.833	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	153621	54.300	ug/l	97
56) Ethyl methacrylate	9.18	69	227512	56.845	ug/l	97
57) 1,3-Dichloropropane	9.37	76	274148	59.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	489354	240.271	ug/l	97
59) 2-Hexanone	9.49	43	848080	275.939	ug/l	96
60) Dibromochloromethane	9.59	129	152918	57.413	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157098	58.128	ug/l	95
64) Tetrachloroethene	9.34	164	219011	59.912	ug/l	94
65) Chlorobenzene	10.14	112	398692	54.820	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	142562	56.843	ug/l	99
67) Ethyl Benzene	10.25	91	674089	57.002	ug/l	98
68) m/p-Xylenes	10.36	106	535124	117.473	ug/l	99
69) o-Xylene	10.70	106	255571	58.358	ug/l	100
70) Styrene	10.71	104	434364	59.868	ug/l	99
71) Bromoform	10.86	173	117920	57.263	ug/l	99
73) Isopropylbenzene	11.02	105	696475	44.730	ug/l	99
74) N-amyl acetate	10.90	43	263774	40.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	194928	38.811	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	249638	52.482	ug/l	86
77) Bromobenzene	11.26	156	185797	43.171	ug/l	98
78) n-propylbenzene	11.36	91	805056	44.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	466451	42.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	597522	45.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65538	43.918	ug/l	95
82) 4-Chlorotoluene	11.51	91	570553	45.021	ug/l	100
83) tert-Butylbenzene	11.77	119	680776	54.629	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	737895	55.213	ug/l	98
85) sec-Butylbenzene	11.94	105	866105	54.539	ug/l	98
86) p-Isopropyltoluene	12.07	119	805505	57.440	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	430575	53.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	434664	52.388	ug/l	99
89) n-Butylbenzene	12.39	91	670990	52.507	ug/l	95
90) Hexachloroethane	12.60	117	110994	49.441	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	371074	45.657	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53228	49.634	ug/l	95

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

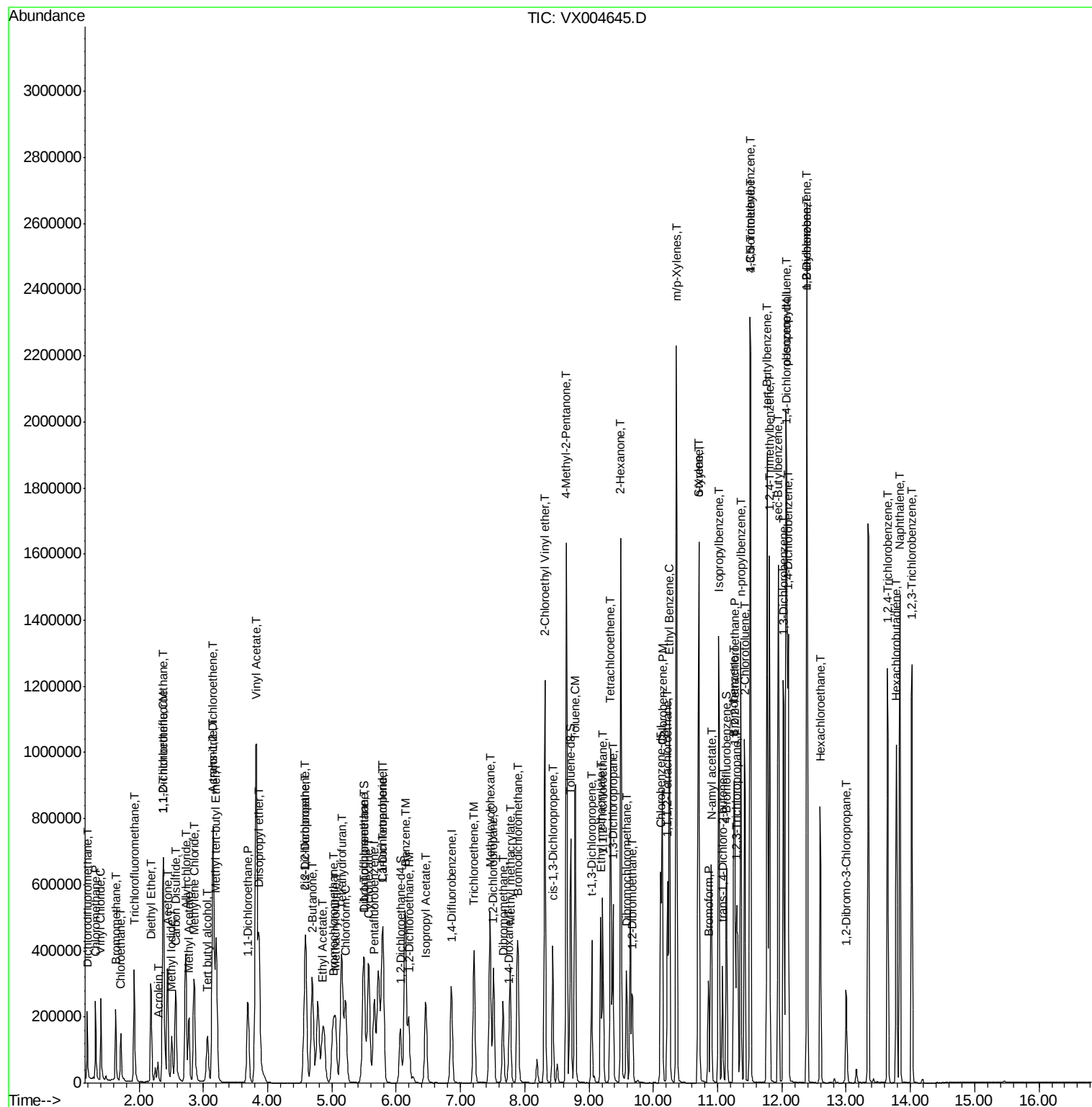
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327762	56.954	ug/l	99
94) Hexachlorobutadiene	13.79	225	173906	57.852	ug/l	97
95) Naphthalene	13.83	128	907667	56.235	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	332316	56.208	ug/l	99

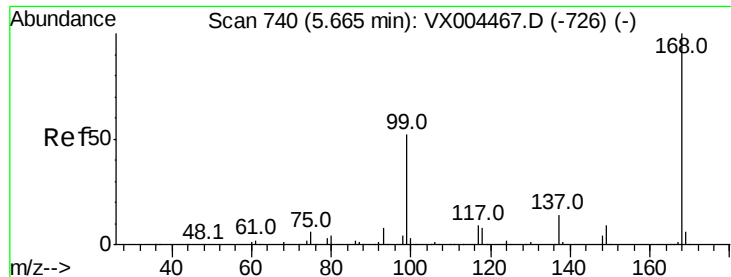
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

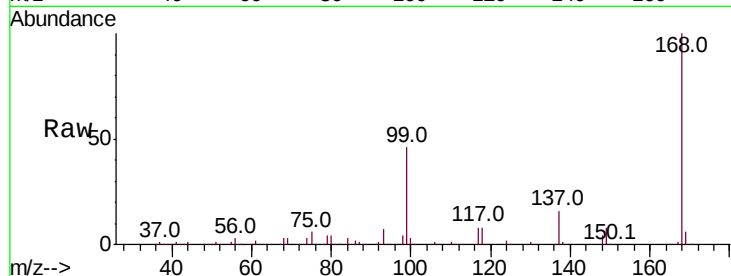
ClientSampleId :

Tot Ion:168 Resp: 262121

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

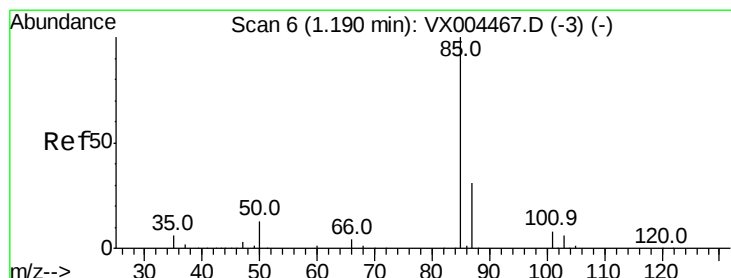
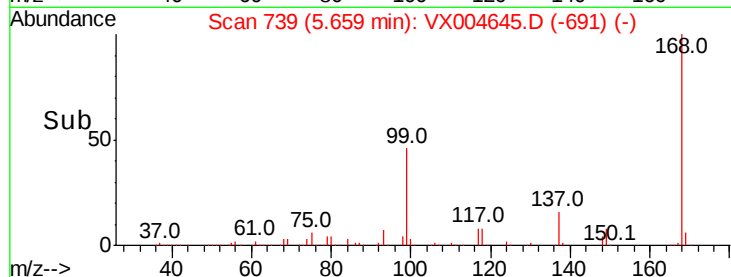
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.539 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX004645.D

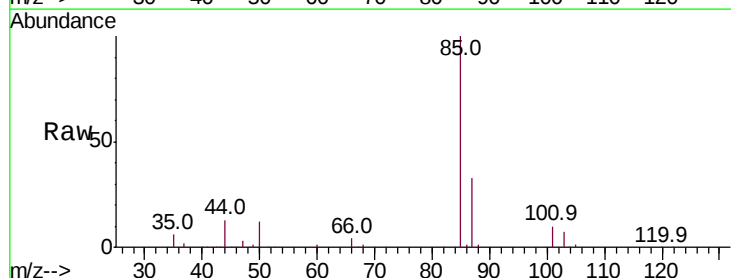
Acq: 18 Sep 2018 09:07

Tgt Ion: 85 Resp: 124155

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

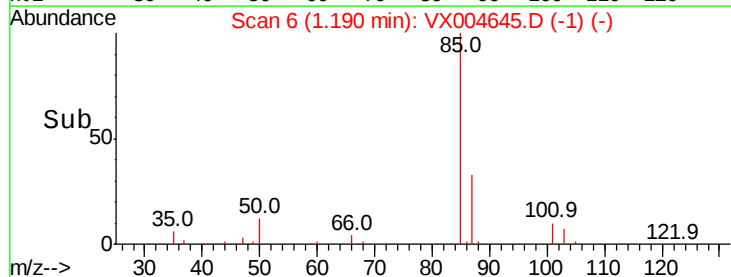
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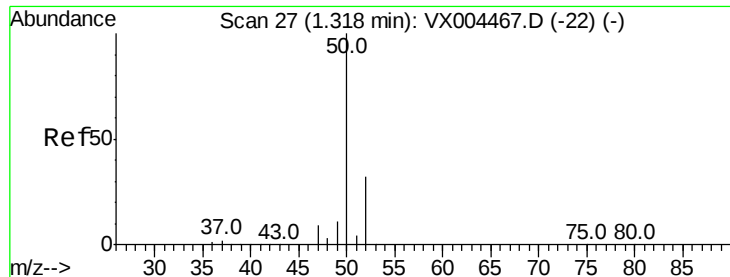
20000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.478 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

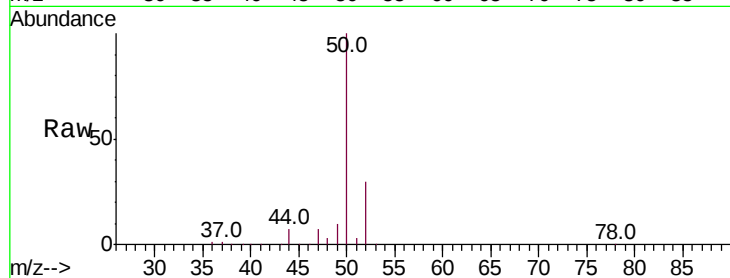
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 163896

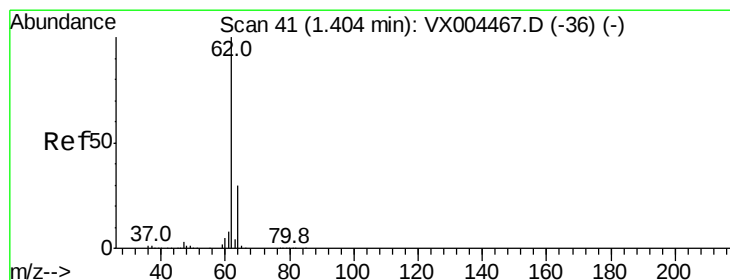
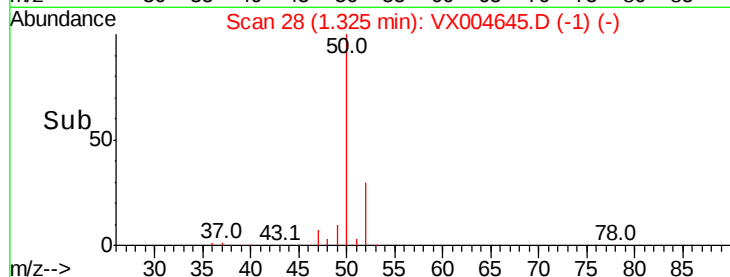
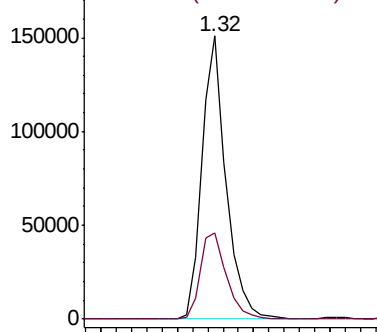
Ion Ratio Lower Upper

50 100

52 30.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.141 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004645.D

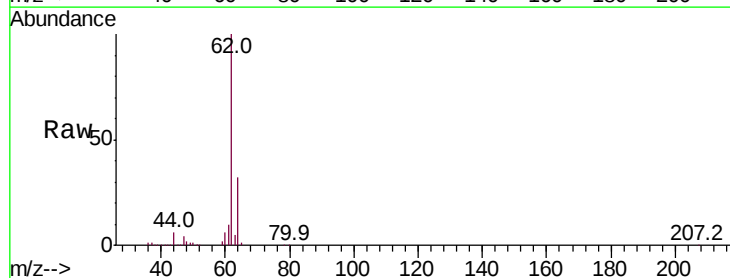
Acq: 18 Sep 2018 09:07

Tgt Ion: 62 Resp: 170517

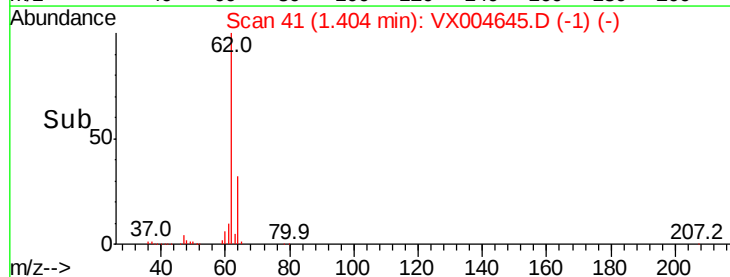
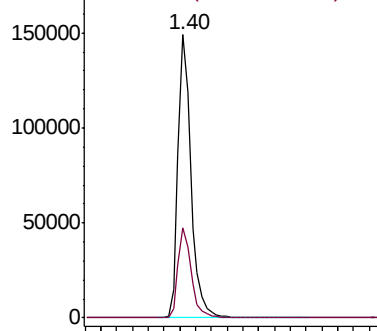
Ion Ratio Lower Upper

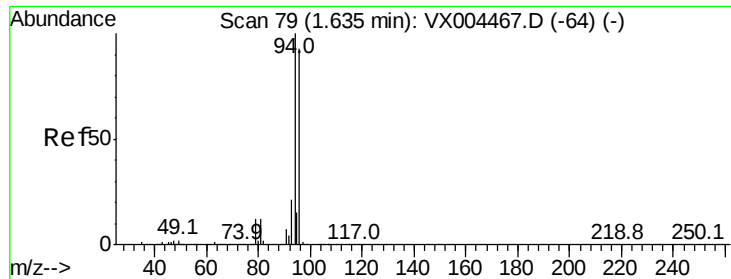
62 100

64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.886 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

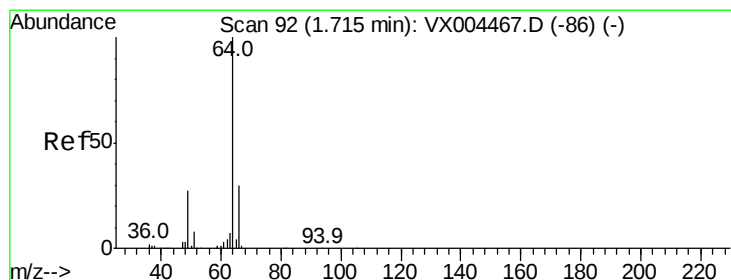
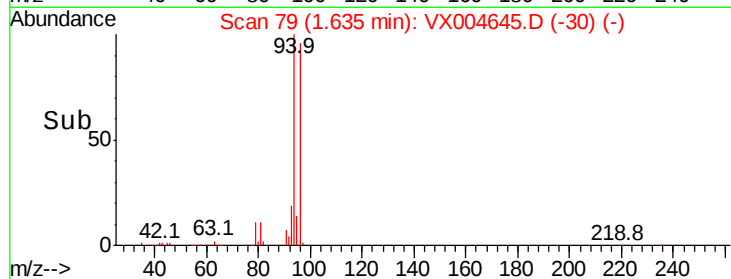
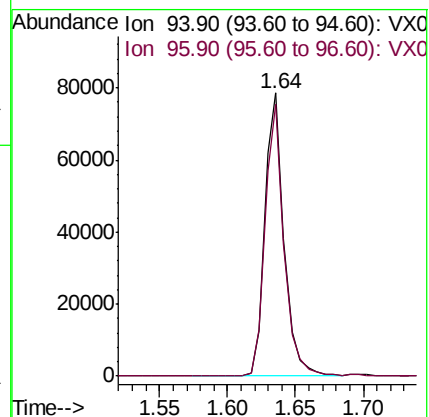
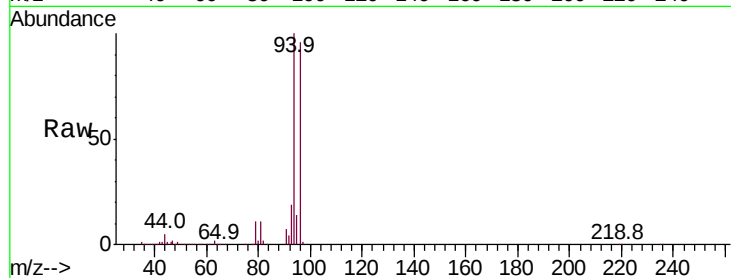
ClientSampleId :

Tot Ion: 94 Resp: 78158

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7



#6

Chloroethane

Concen: 46.724 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004645.D

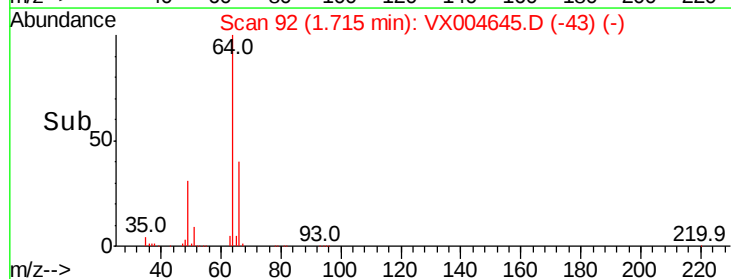
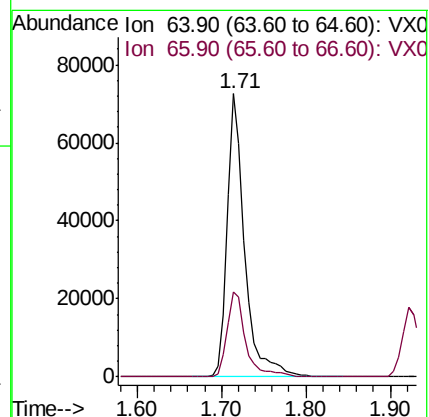
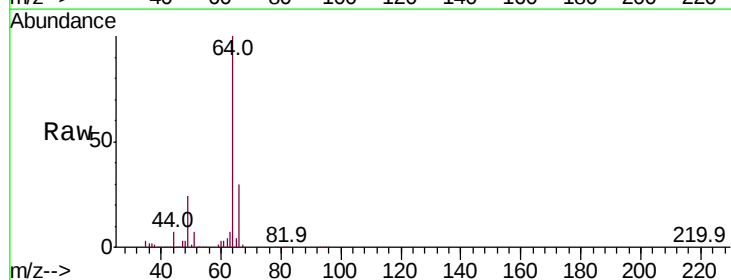
Acq: 18 Sep 2018 09:07

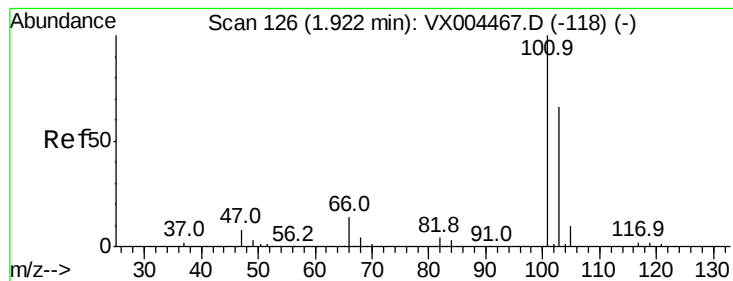
Tgt Ion: 64 Resp: 104845

Ion Ratio Lower Upper

64 100

66 30.0 24.6 36.8



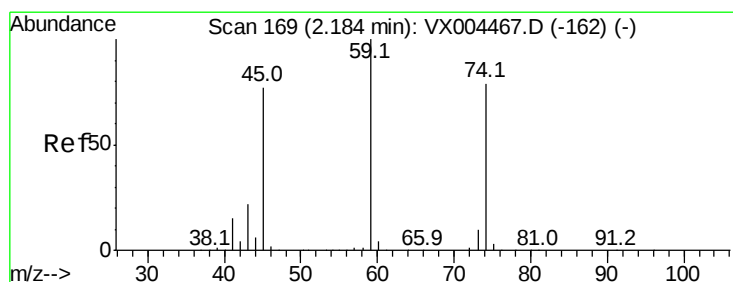
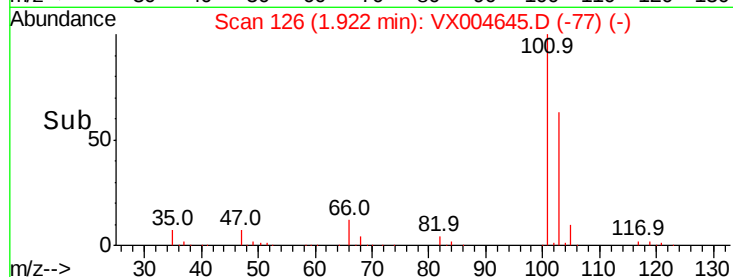
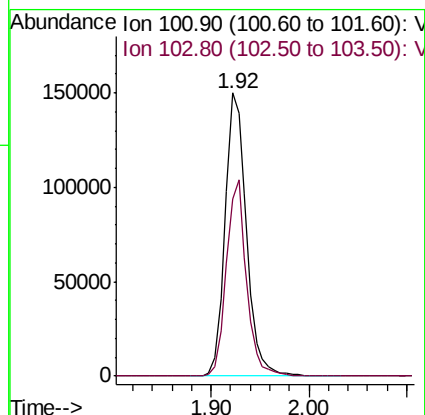
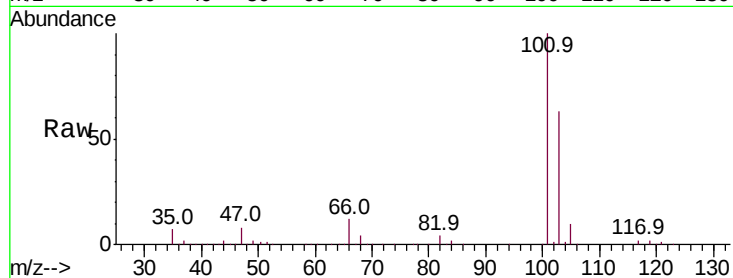


#7

Trichlorofluoromethane
Concen: 49.175 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

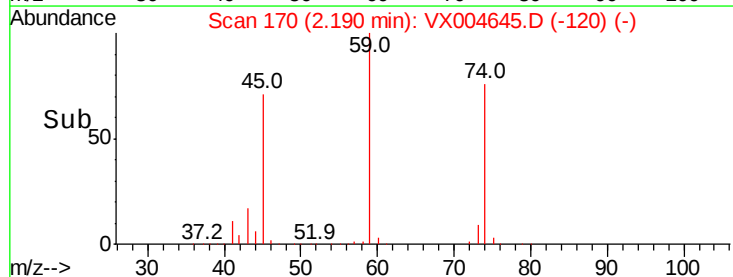
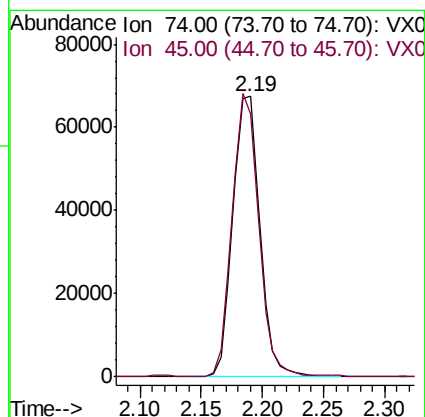
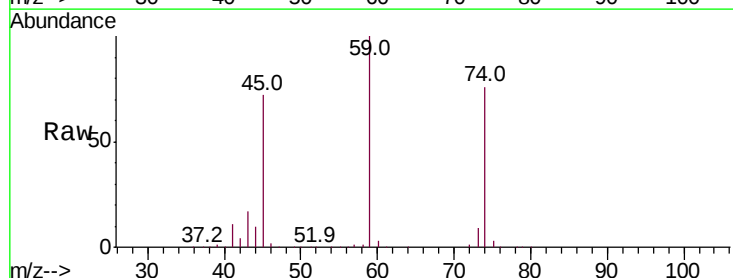
Tot Ion:101 Resp: 226209
Ion Ratio Lower Upper
101 100
103 62.7 48.9 73.3

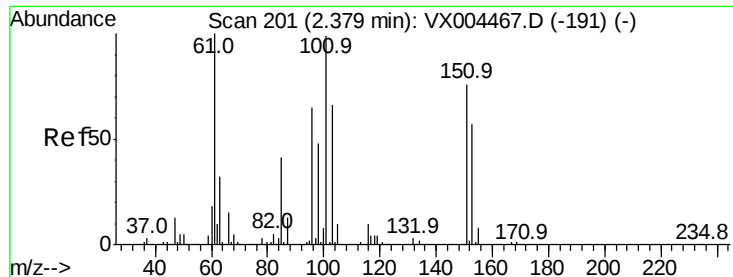


#8

Diethyl Ether
Concen: 49.822 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 74 Resp: 102746
Ion Ratio Lower Upper
74 100
45 99.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.485 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

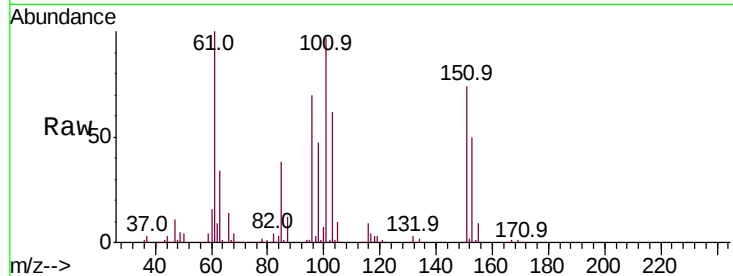
Tot Ion:101 Resp: 150241

Ion Ratio Lower Upper

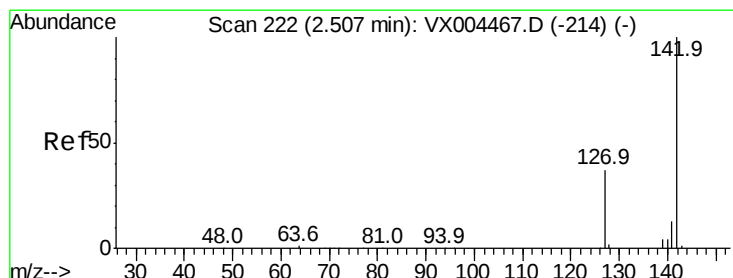
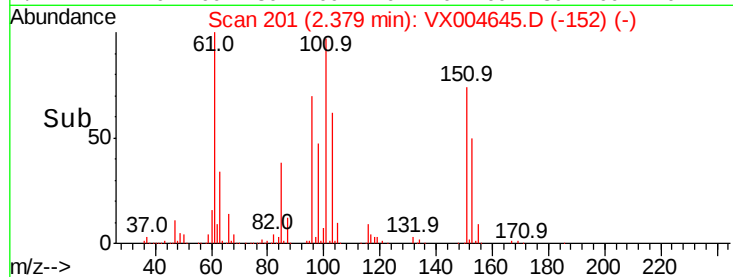
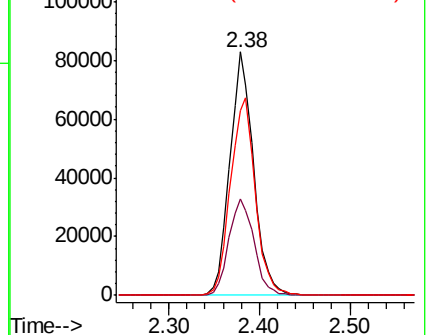
101 100

85 42.1 34.2 51.4

151 84.6 65.0 97.6



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



#10

Methyl Iodide

Concen: 45.234 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

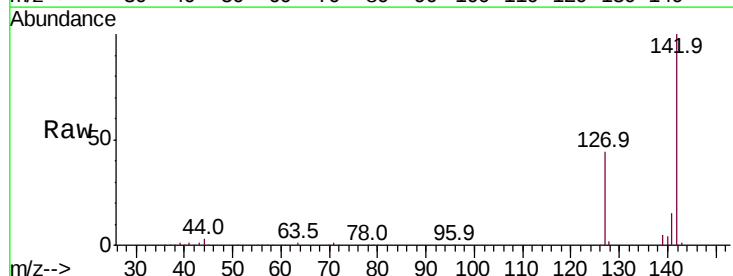
Tgt Ion:142 Resp: 156242

Ion Ratio Lower Upper

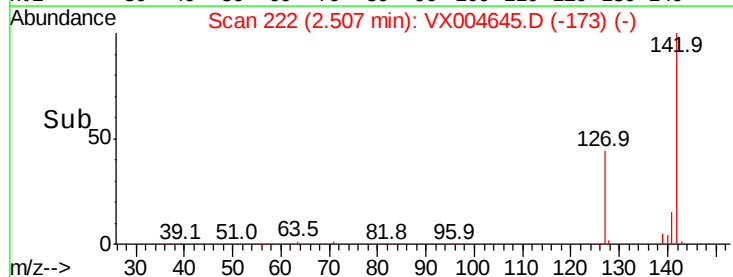
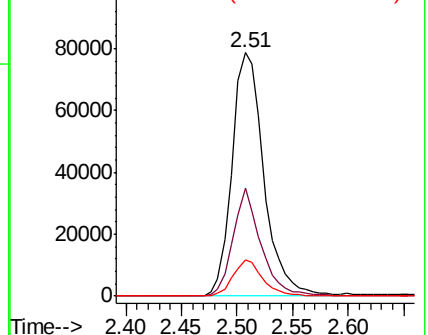
142 100

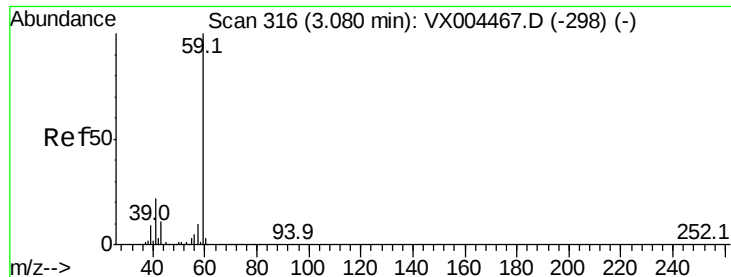
127 38.9 33.8 50.6

141 14.0 11.4 17.0



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



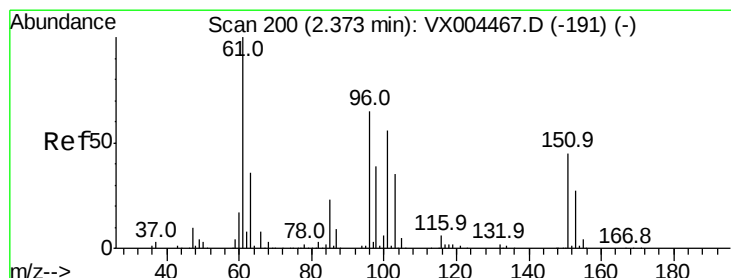
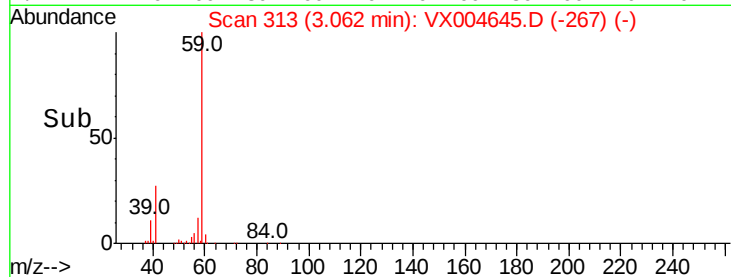
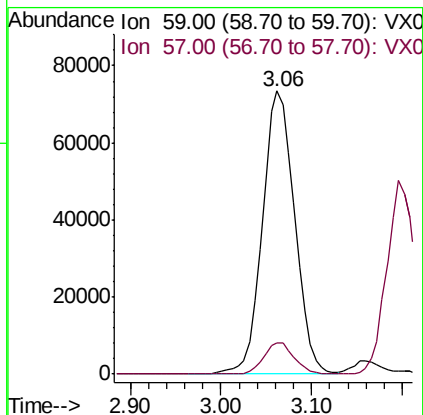
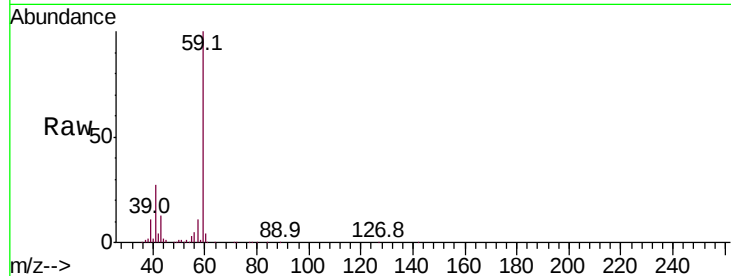


#11

Tert butyl alcohol
Concen: 224.560 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

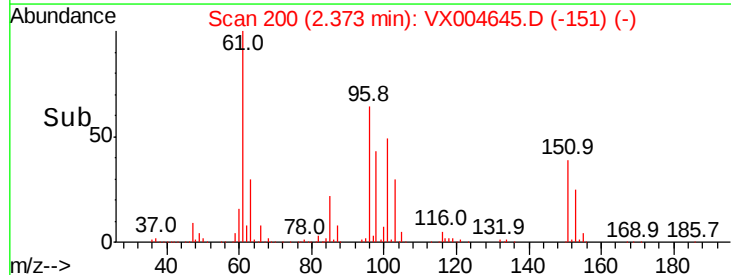
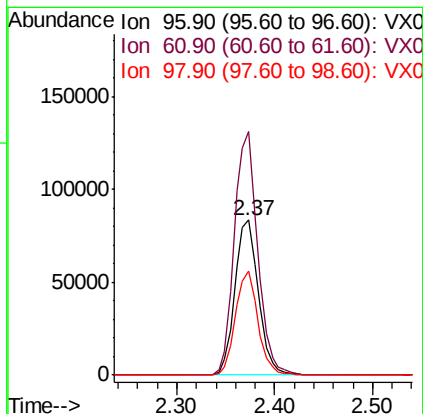
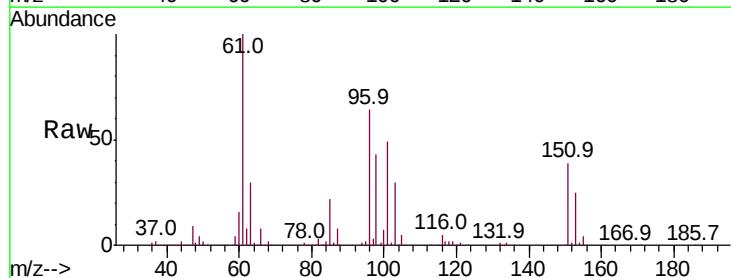
Tot Ion: 59 Resp: 181101
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

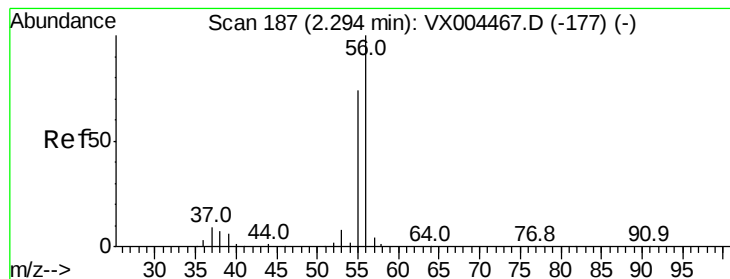


#12

1,1-Dichloroethene
Concen: 50.985 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 96 Resp: 139639
Ion Ratio Lower Upper
96 100
61 157.1 128.8 193.2
98 67.3 52.2 78.2





#13

Acrolein

Concen: 140.016 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

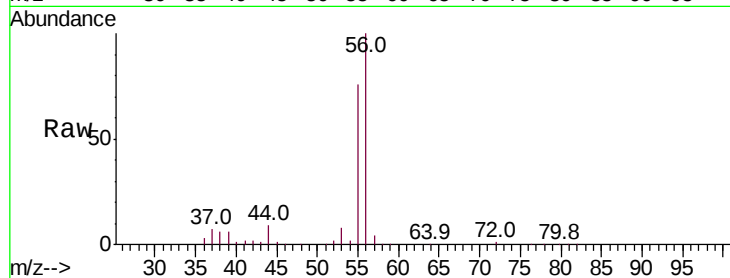
ClientSampleId :

Tot Ion: 56 Resp: 44574

Ion Ratio Lower Upper

56 100

55 73.6 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

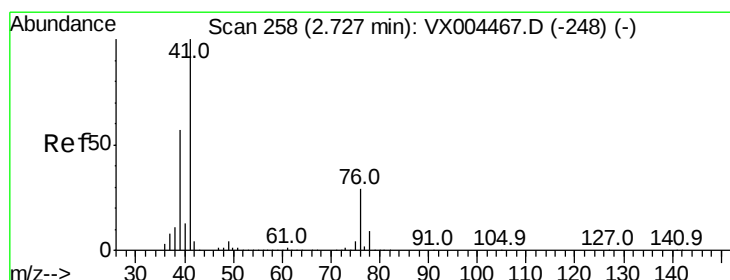
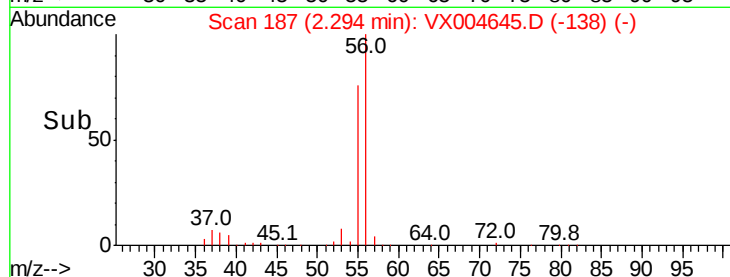
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.840 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

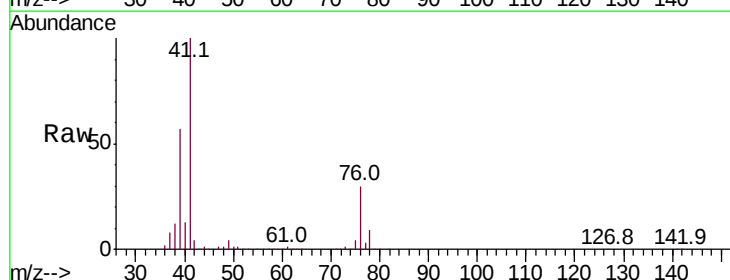
Tgt Ion: 41 Resp: 286268

Ion Ratio Lower Upper

41 100

39 55.4 48.9 73.3

76 31.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

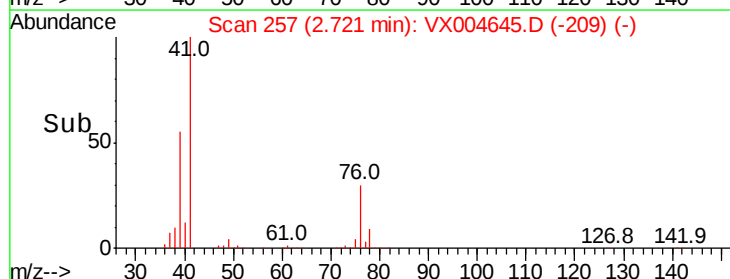
100000

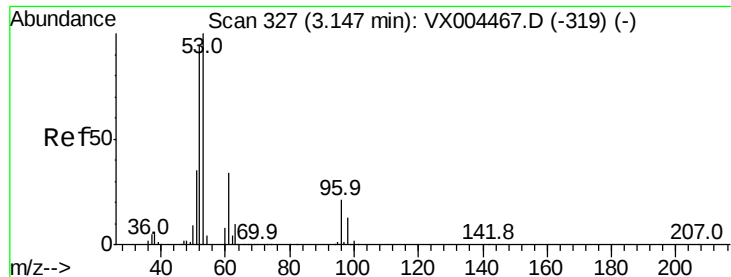
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 241.740 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

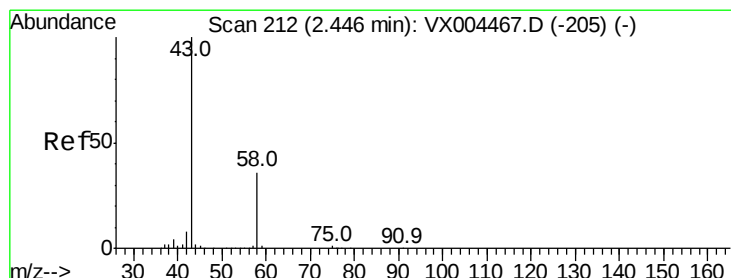
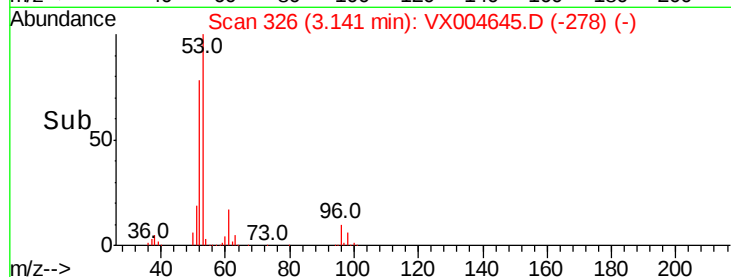
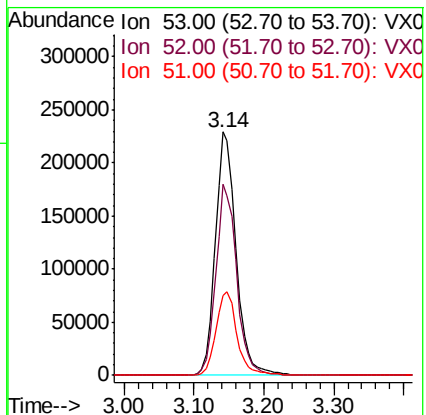
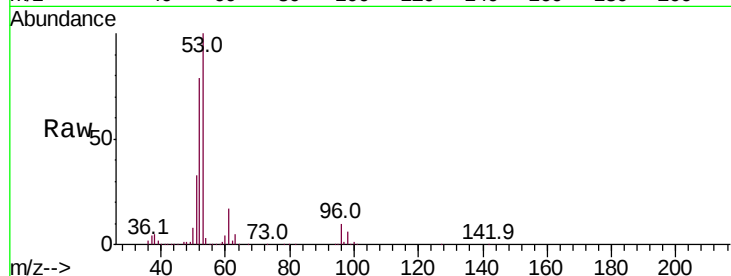
Tot Ion: 53 Resp: 469479

Ion Ratio Lower Upper

53 100

52 78.9 65.2 97.8

51 34.9 28.2 42.2



#16

Acetone

Concen: 228.648 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004645.D

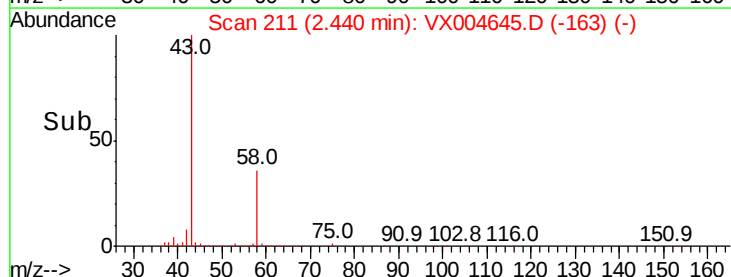
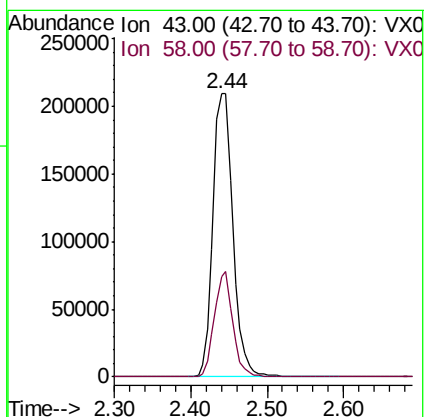
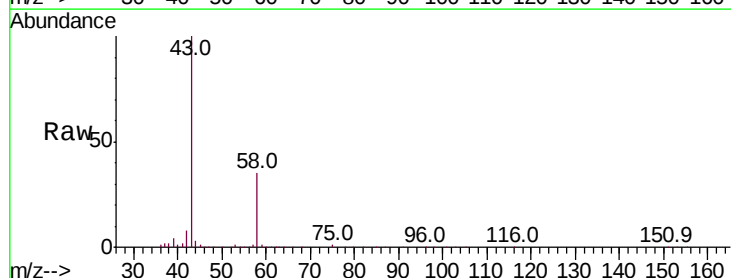
Acq: 18 Sep 2018 09:07

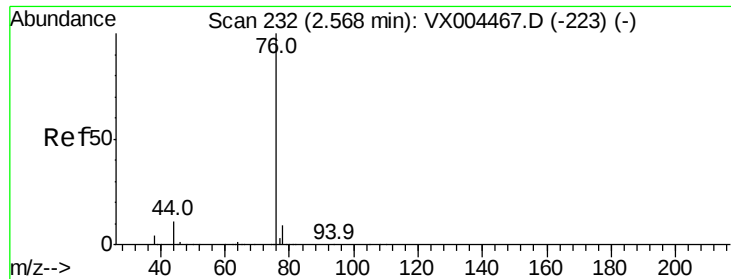
Tgt Ion: 43 Resp: 377178

Ion Ratio Lower Upper

43 100

58 35.5 26.2 39.4





#17

Carbon Disulfide

Concen: 49.728 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

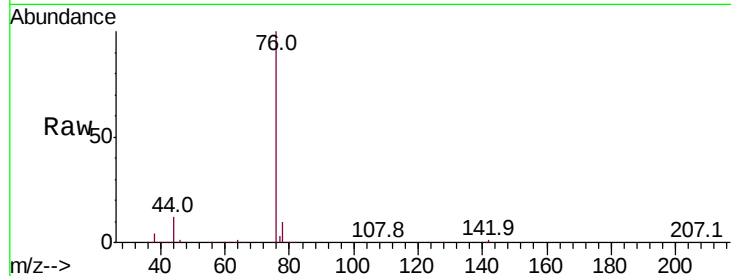
ClientSampleId :

Tot Ion: 76 Resp: 393677

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

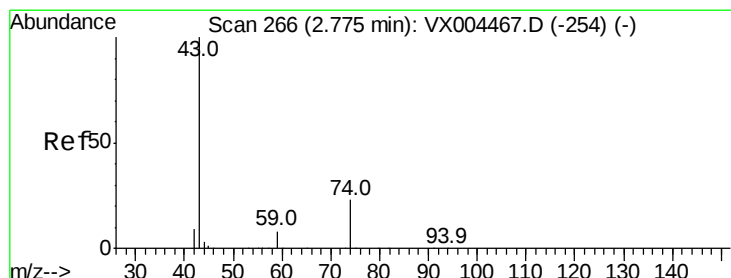
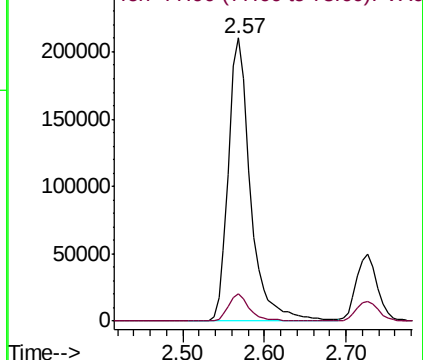
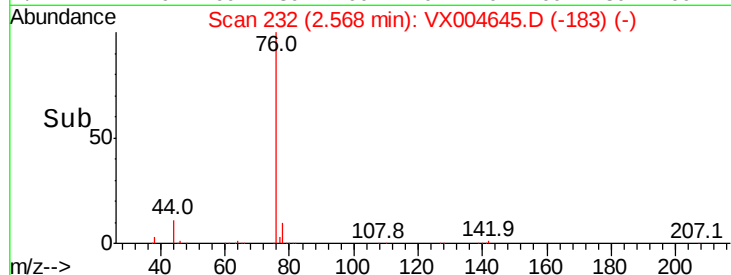
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.045 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004645.D

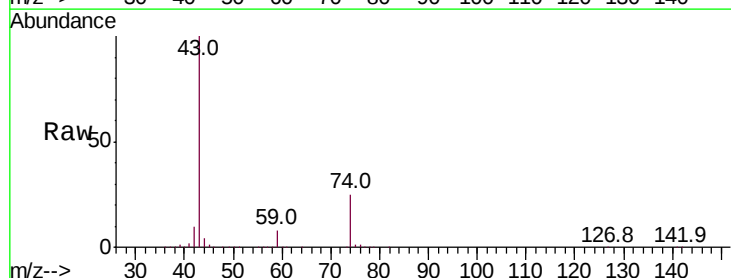
Acq: 18 Sep 2018 09:07

Tgt Ion: 43 Resp: 222359

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

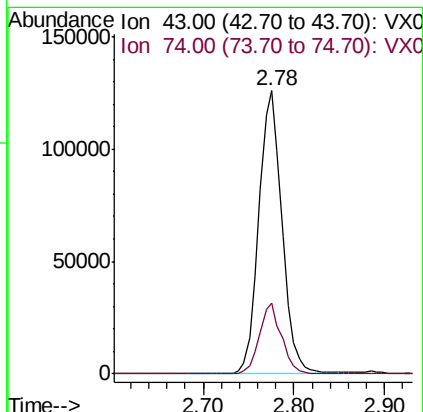
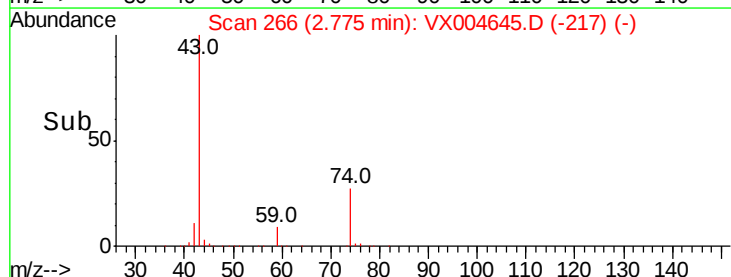
150000

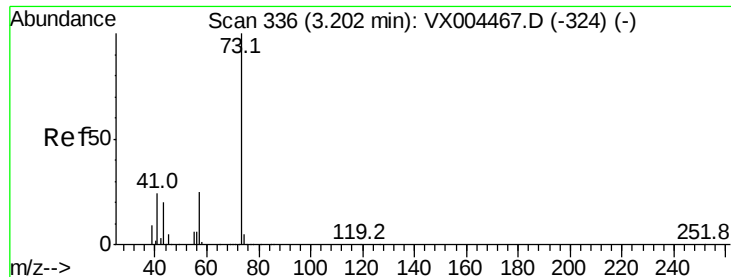
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 48.550 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.01 min

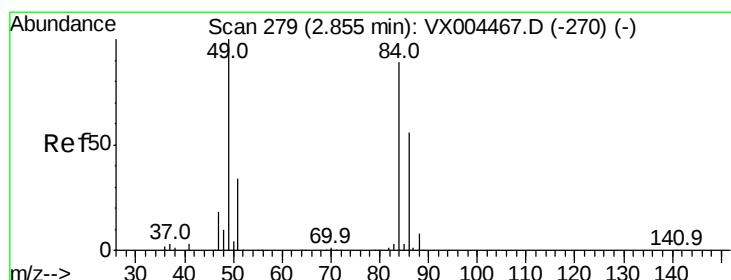
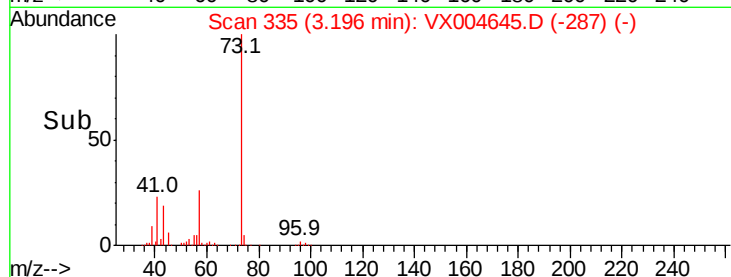
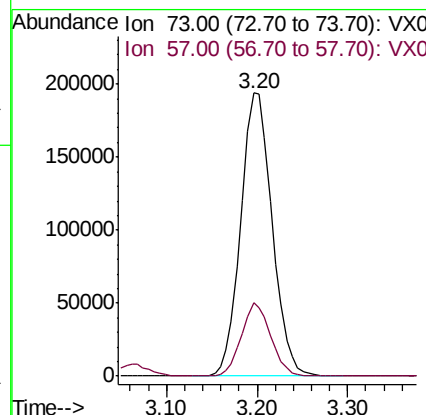
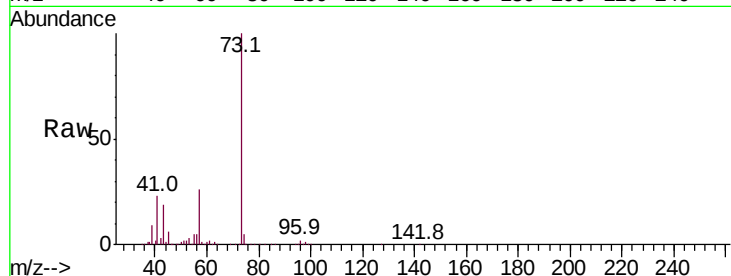
Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 466560

Ion	Ratio	Lower	Upper
73	100		
57	25.9	17.1	25.7#



#20

Methylene Chloride

Concen: 49.556 ug/l

RT: 2.85 min Scan# 279

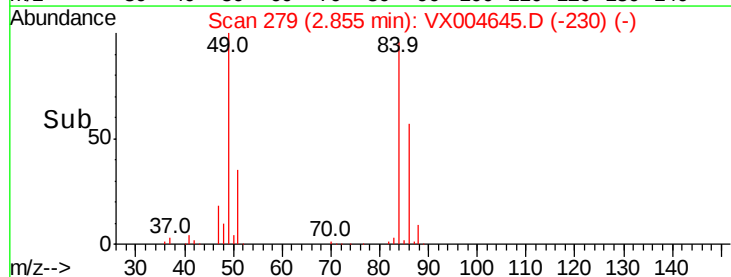
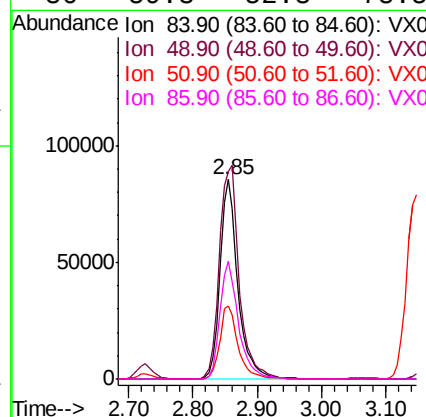
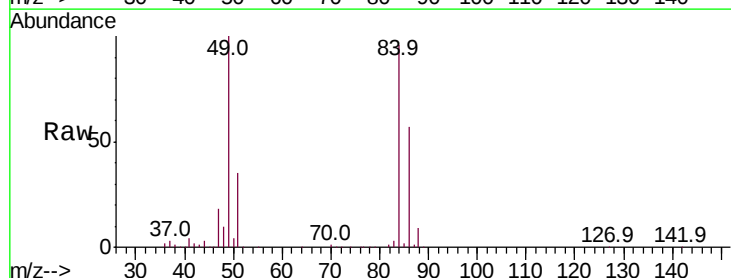
Delta R.T. -0.00 min

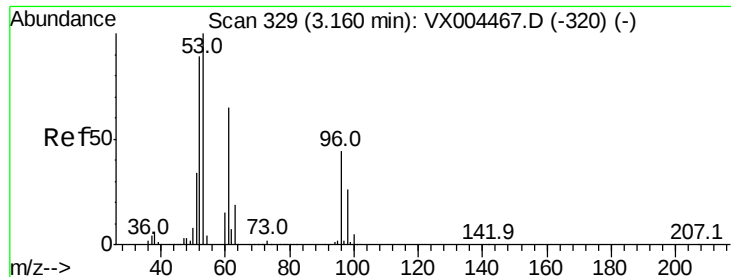
Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion: 84 Resp: 167695

Ion	Ratio	Lower	Upper
84	100		
49	103.7	101.2	151.8
51	36.6	29.5	44.3
86	59.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 49.089 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampled :

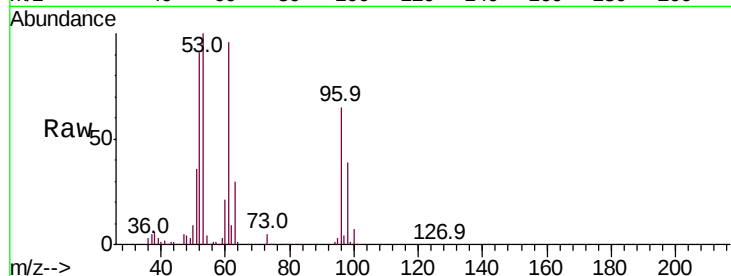
Tot Ion: 96 Resp: 148566

Ion Ratio Lower Upper

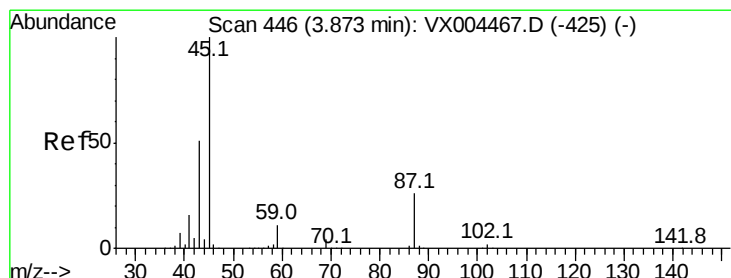
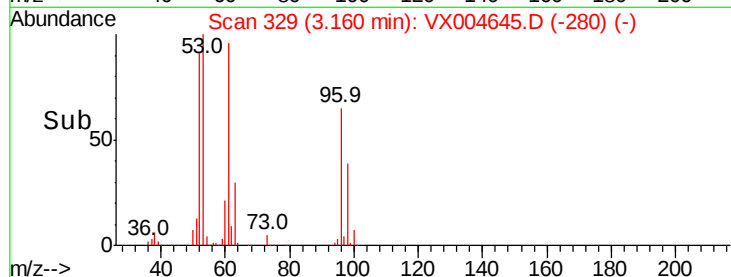
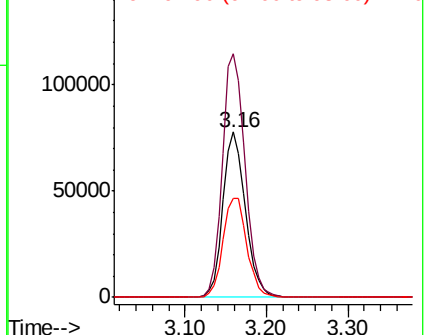
96 100

61 147.2 113.8 170.6

98 60.1 51.8 77.8



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



#22

Diisopropyl ether

Concen: 49.185 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion: 45 Resp: 498802

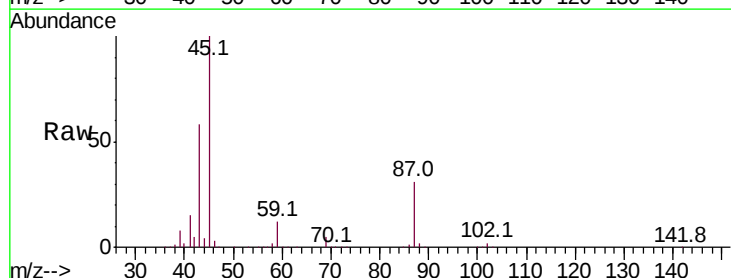
Ion Ratio Lower Upper

45 100

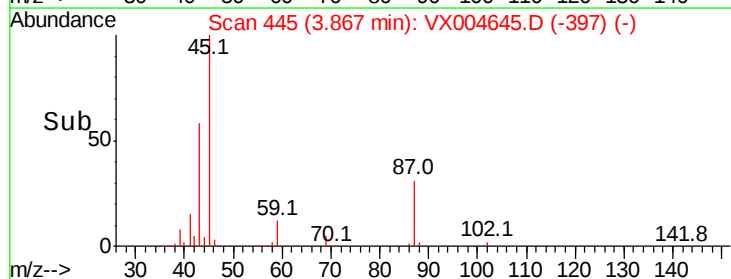
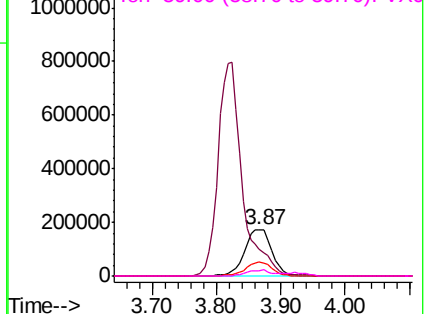
43 58.2 42.8 64.2

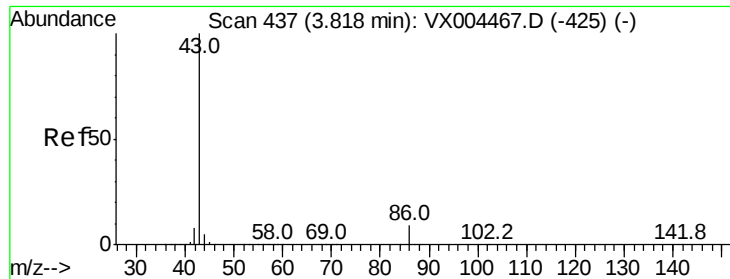
87 31.2 22.6 34.0

59 11.7 9.6 14.4



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

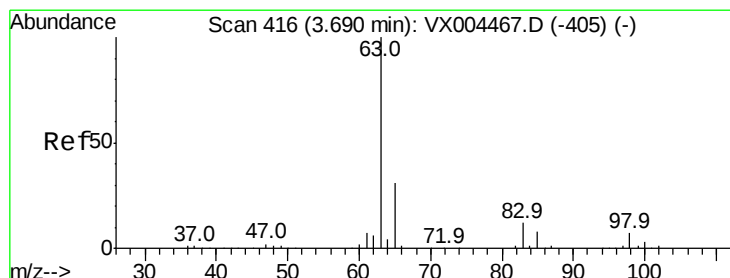
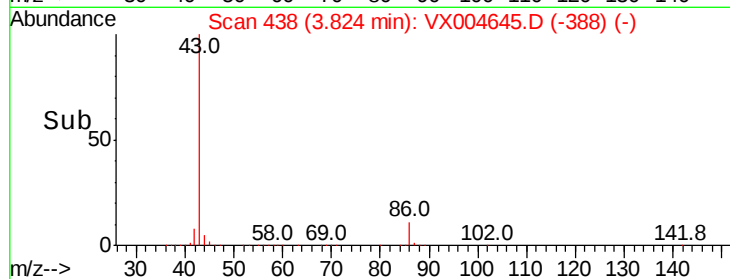
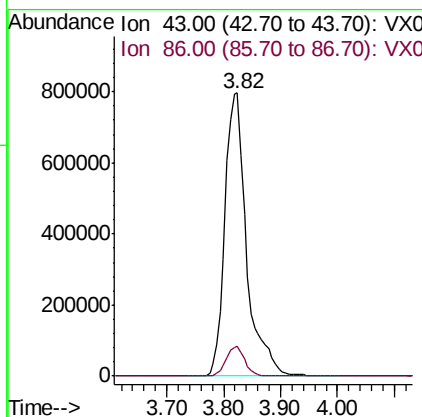
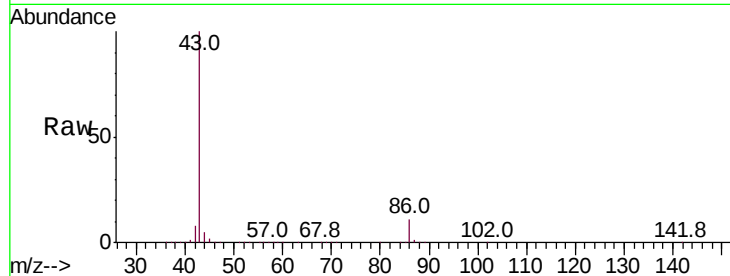




#23
 Vinyl Acetate
 Concen: 257.631 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.01 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

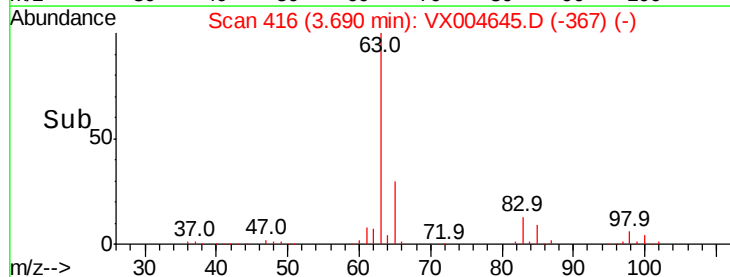
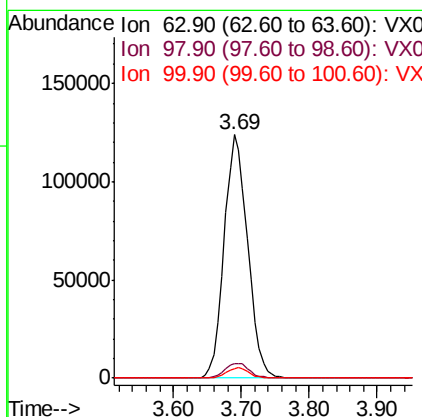
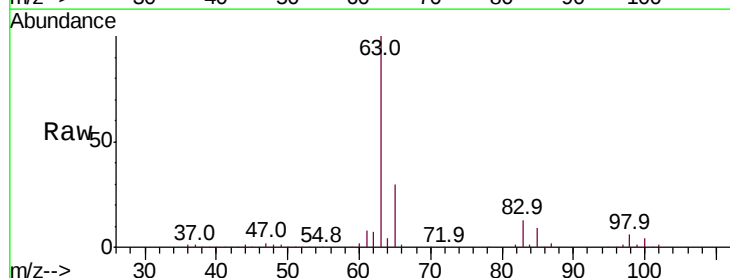
Instrument :
 MSVOA_X
 ClientSampled :

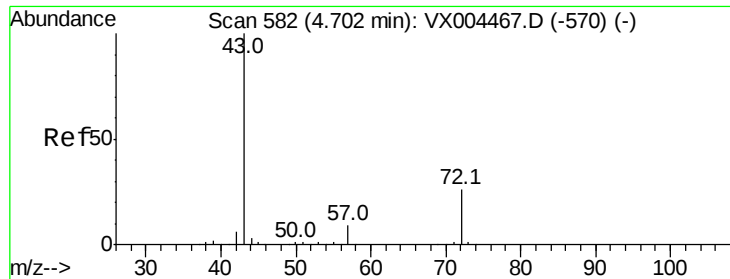
Tot Ion: 43 Resp: 2114326
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 51.651 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 63 Resp: 295733
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 4.1 2.4 7.1





#25

2-Butanone

Concen: 217.070 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

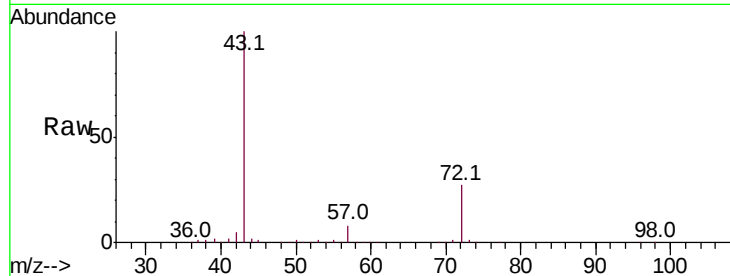
ClientSampled :

Tot Ion: 43 Resp: 569888

Ion Ratio Lower Upper

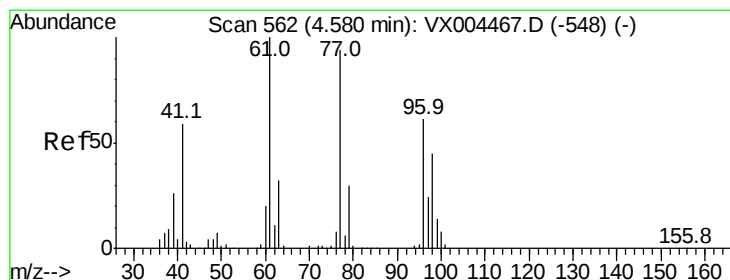
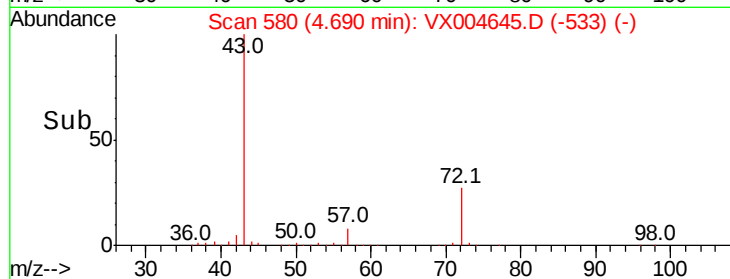
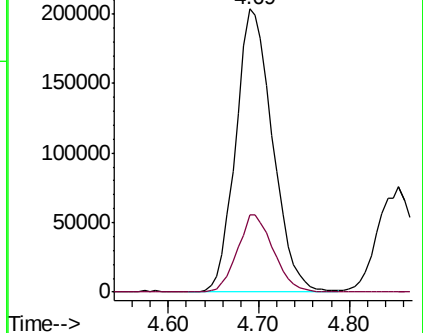
43 100

72 27.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.065 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004645.D

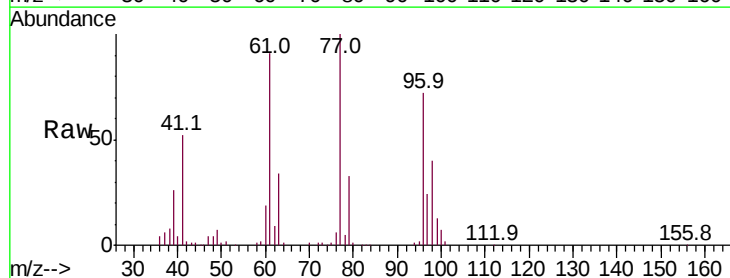
Acq: 18 Sep 2018 09:07

Tgt Ion: 77 Resp: 216546

Ion Ratio Lower Upper

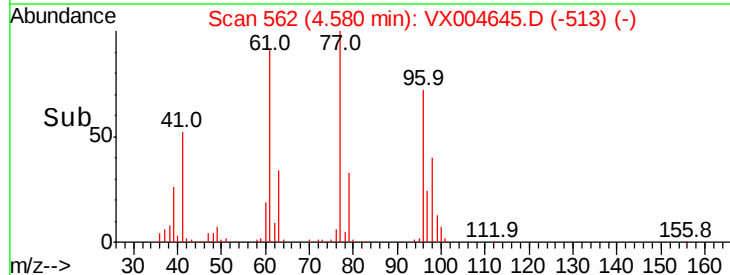
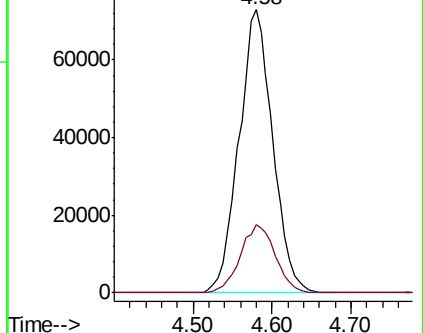
77 100

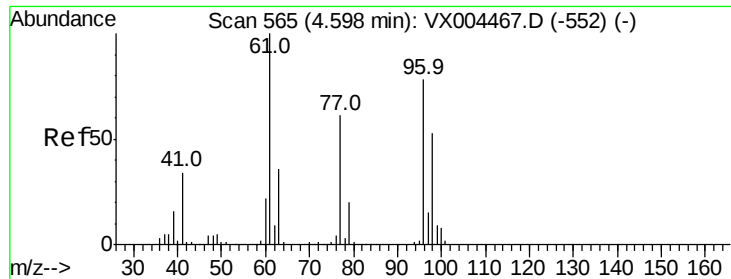
97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



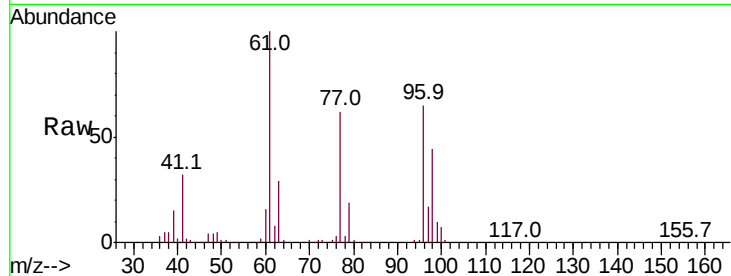


#27

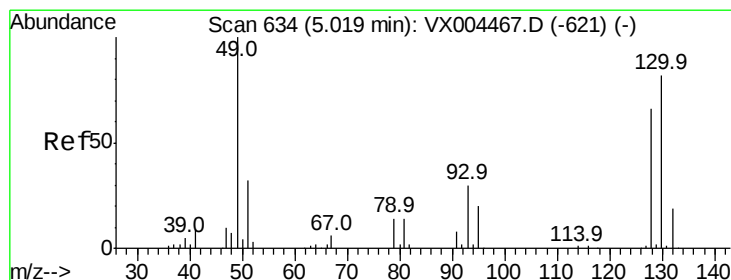
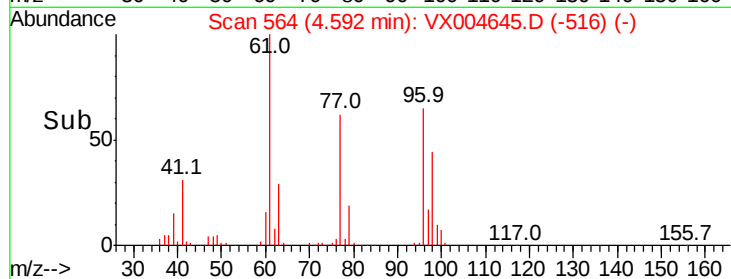
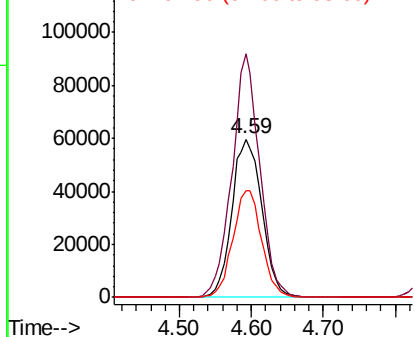
cis-1,2-Dichloroethene
Concen: 51.018 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 172364
Ion Ratio Lower Upper
96 100
61 142.7 0.0 282.6
98 65.0 0.0 130.2



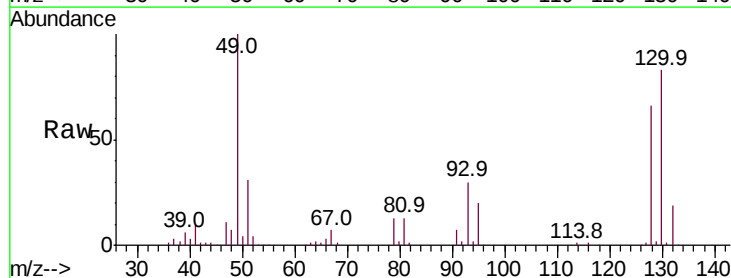
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



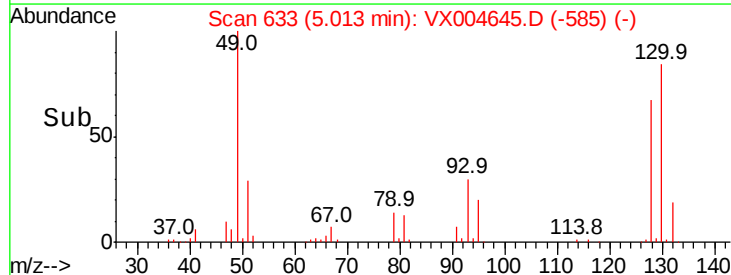
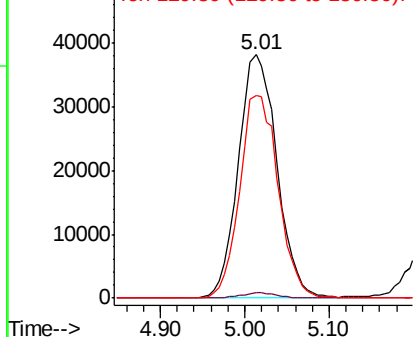
#28

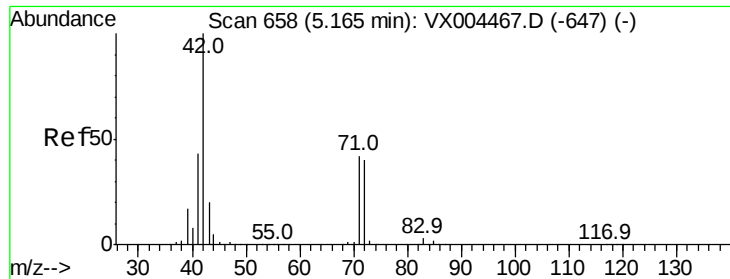
Bromochloromethane
Concen: 45.347 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 49 Resp: 118762
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 82.9 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.942 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.02 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

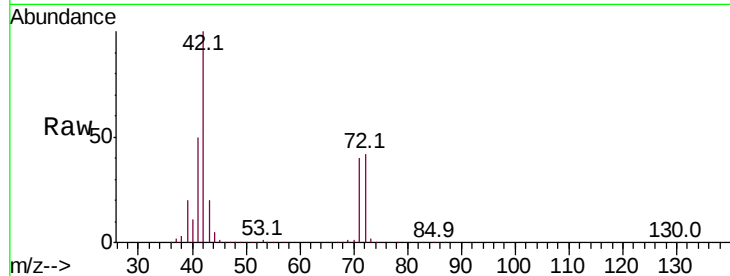
Tot Ion: 42 Resp: 368807

Ion Ratio Lower Upper

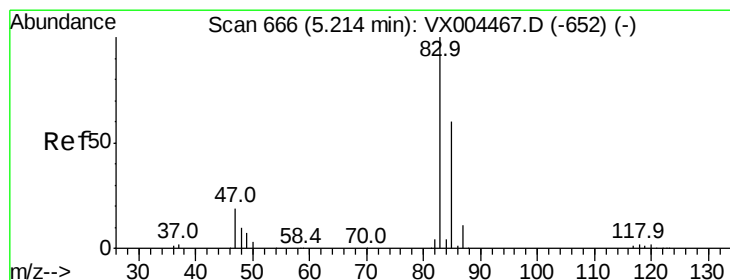
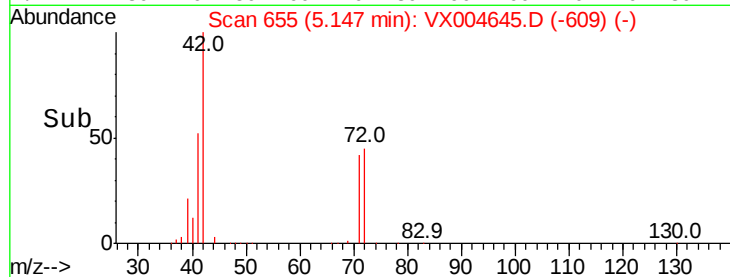
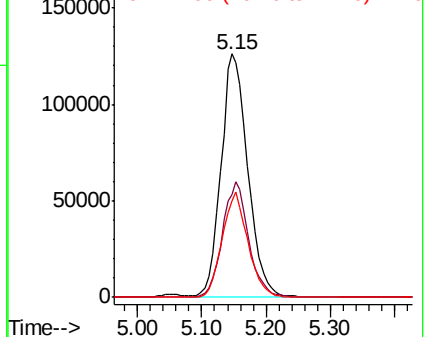
42 100

72 46.4 37.4 56.0

71 41.8 34.5 51.7



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: 50.794 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004645.D

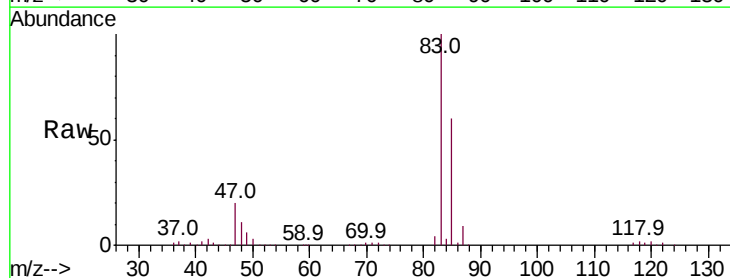
Acq: 18 Sep 2018 09:07

Tgt Ion: 83 Resp: 283932

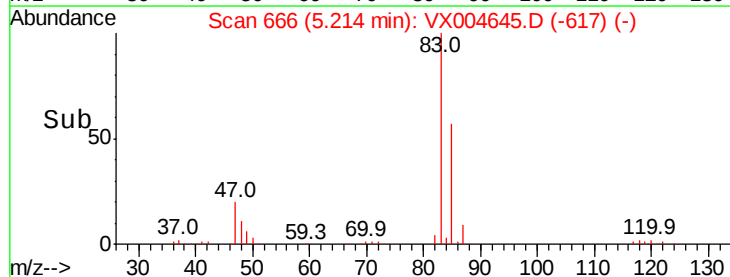
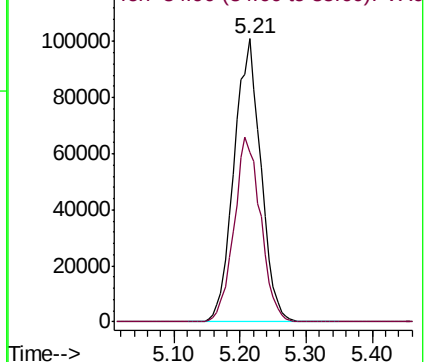
Ion Ratio Lower Upper

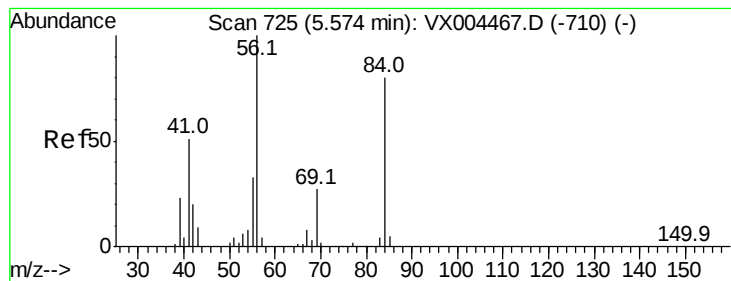
83 100

85 60.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.283 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

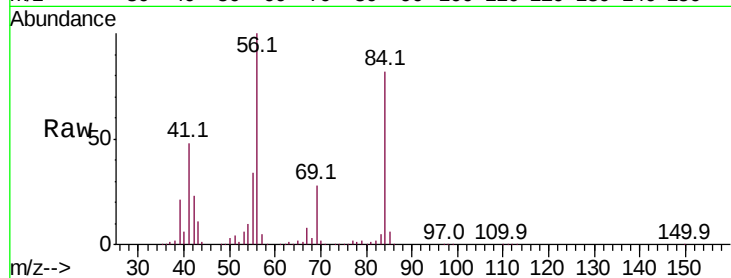
Tot Ion: 56 Resp: 250719

Ion Ratio Lower Upper

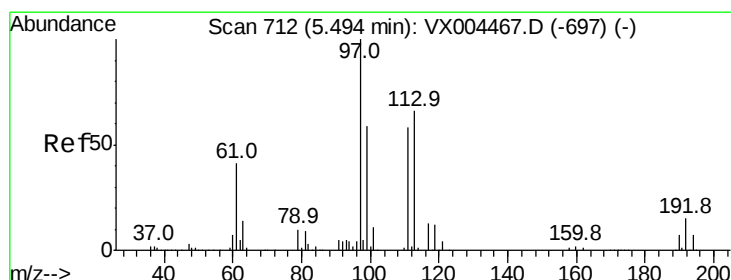
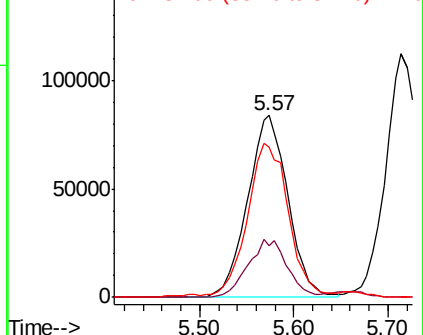
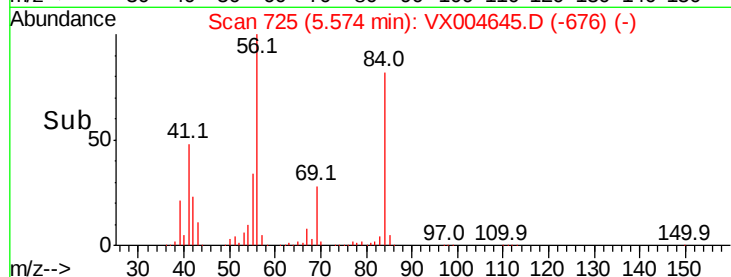
56 100

69 28.1 25.4 38.2

84 80.9 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 51.442 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

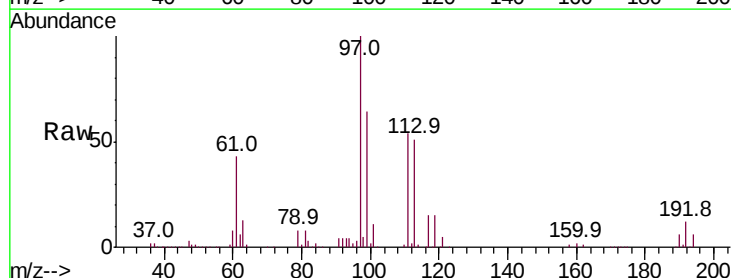
Tgt Ion: 97 Resp: 231600

Ion Ratio Lower Upper

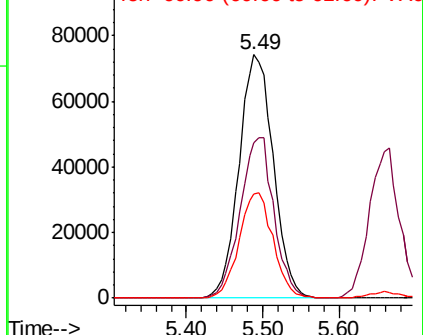
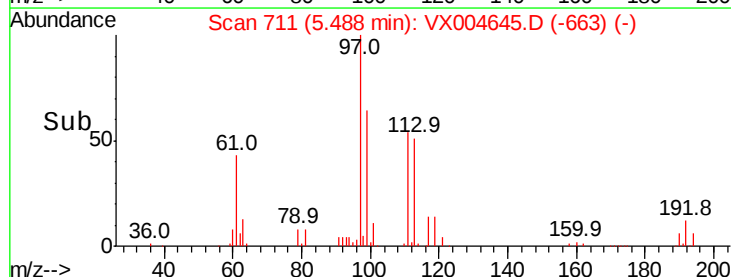
97 100

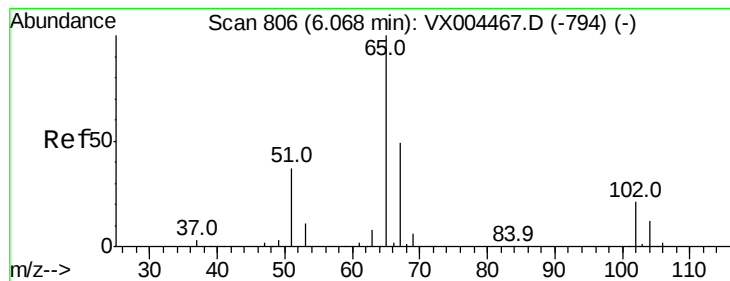
99 64.8 52.0 78.0

61 42.8 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 44.348 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

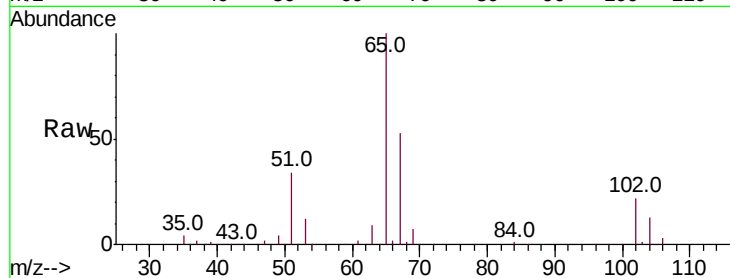
ClientSampleId :

Tot Ion: 65 Resp: 149888

Ion Ratio Lower Upper

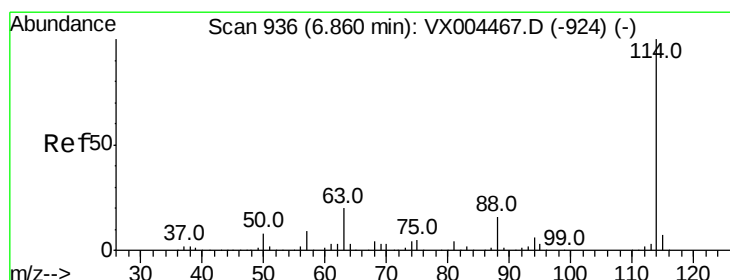
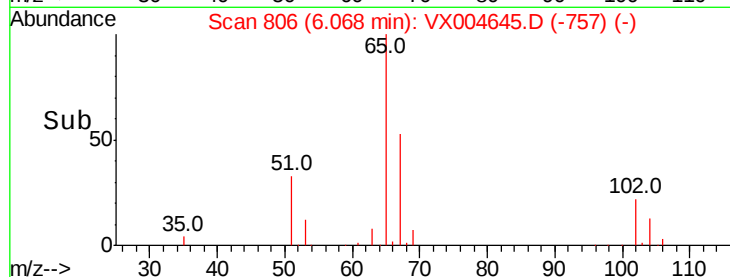
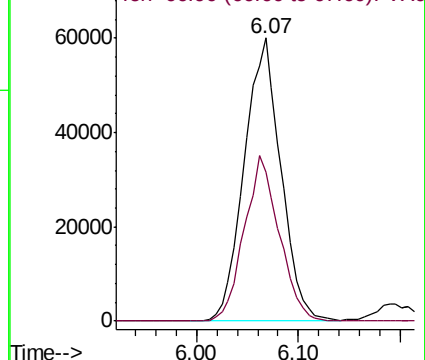
65 100

67 55.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

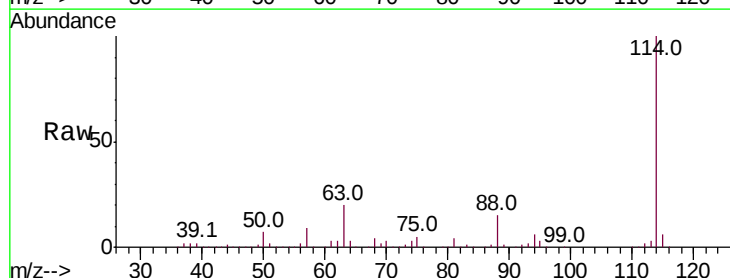
Tgt Ion: 114 Resp: 309597

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

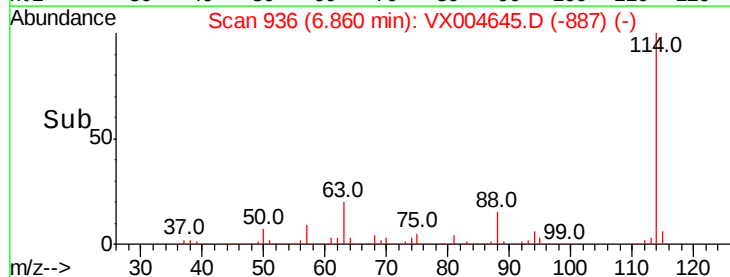
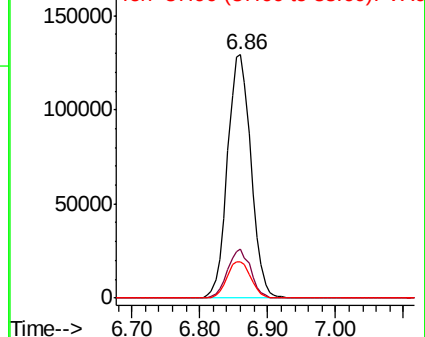
88 15.1 0.0 30.4

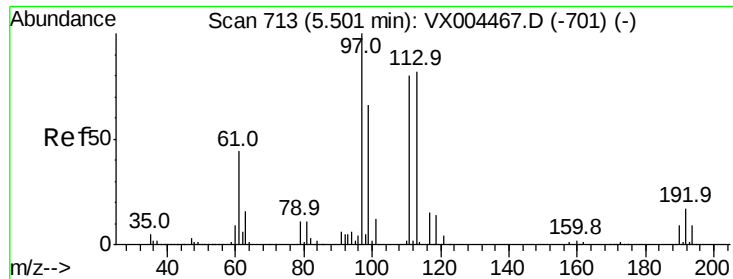


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

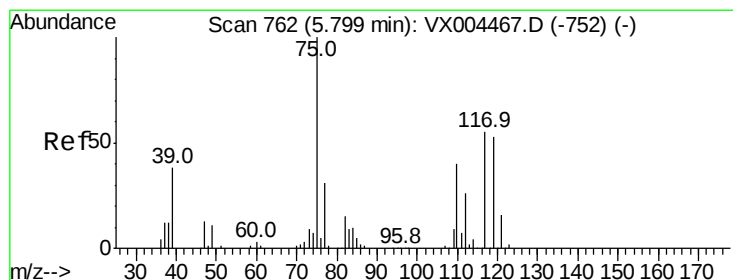
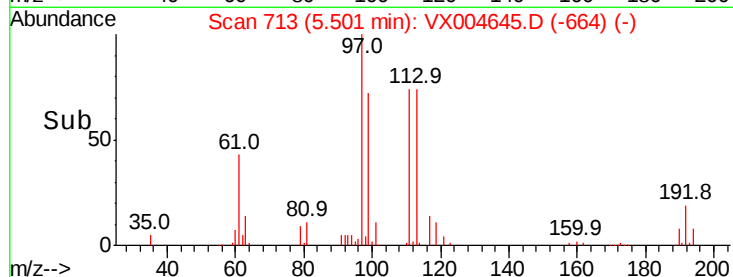
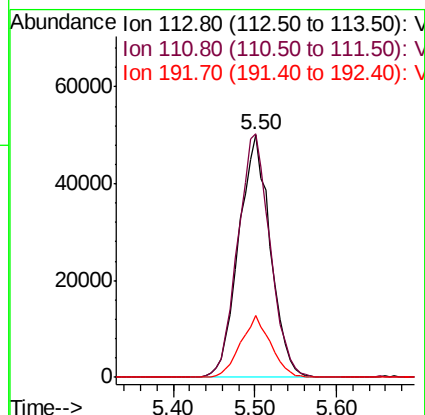
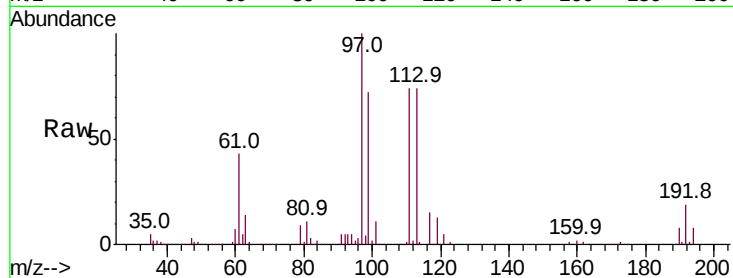




#35
 Dibromofluoromethane
 Concen: 47.584 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

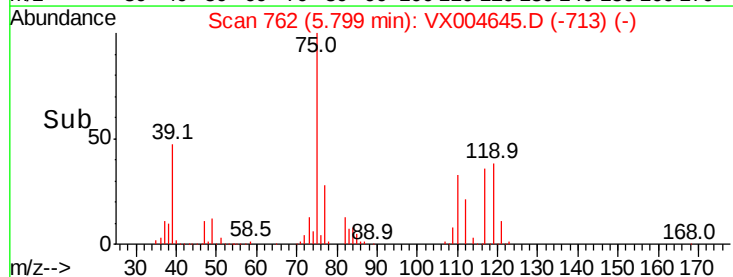
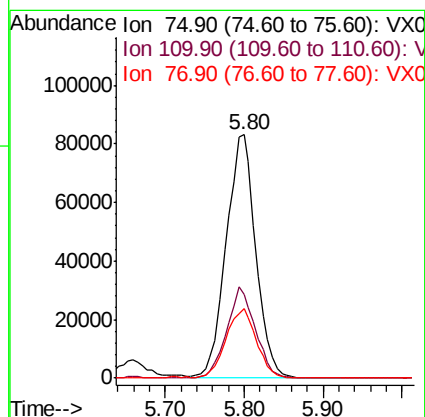
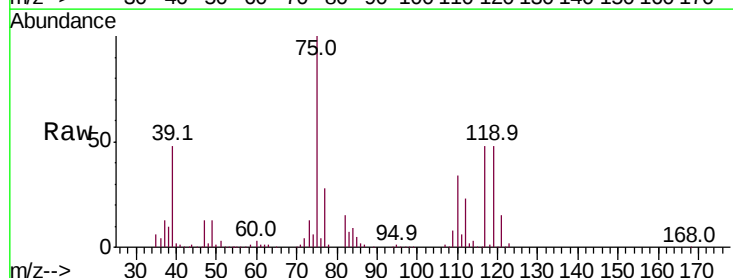
Instrument :
 MSVOA_X
 ClientSampleId :

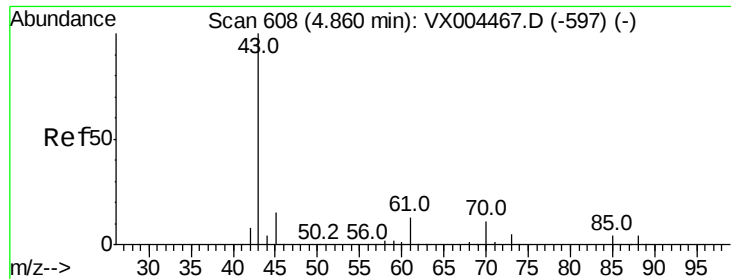
Tot Ion:113 Resp: 134809
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 57.752 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 75 Resp: 217070
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.0 54.0
 77 29.4 24.6 36.8





#37

Ethyl Acetate

Concen: 50.865 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

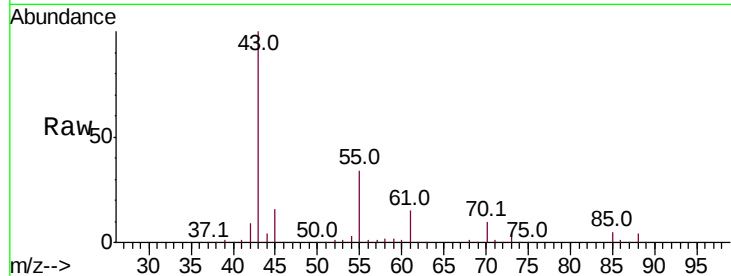
Tot Ion: 43 Resp: 217444

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

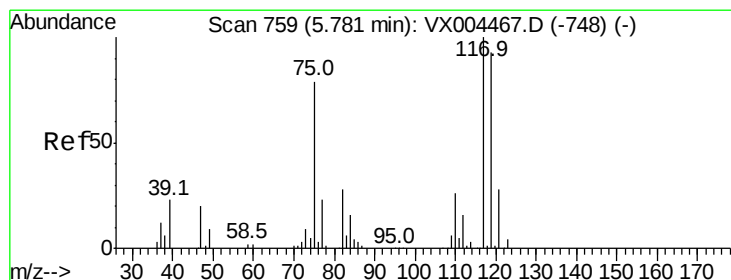
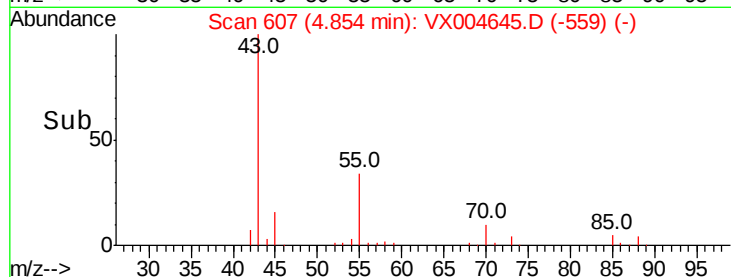
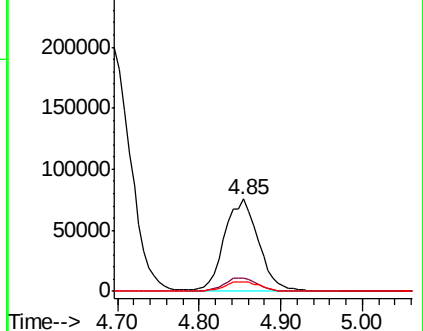
70 10.8 9.0 13.6



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: 56.177 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

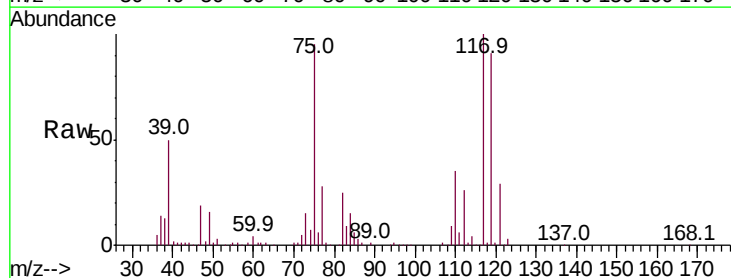
Tgt Ion: 117 Resp: 206238

Ion Ratio Lower Upper

117 100

119 90.7 78.8 118.2

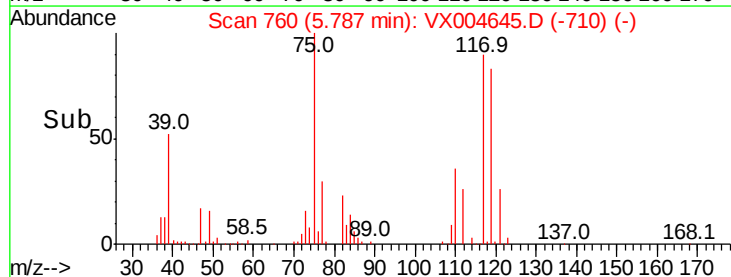
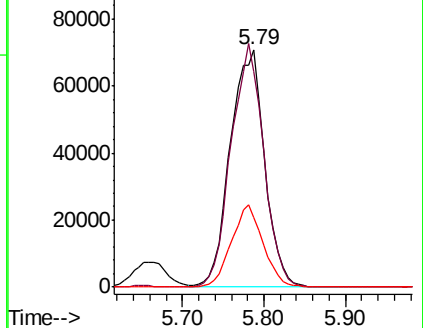
121 29.1 24.9 37.3

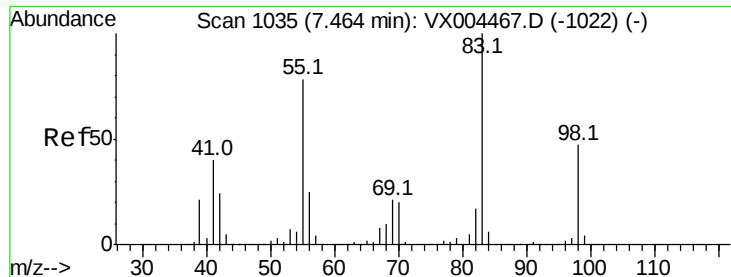


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

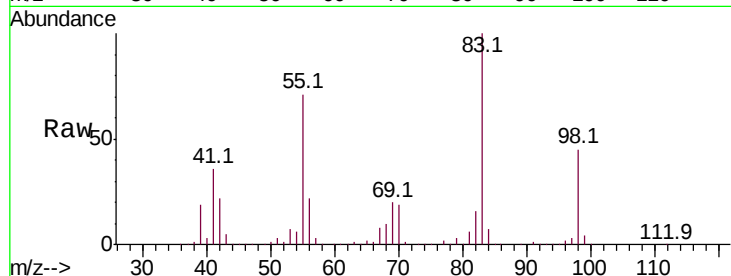




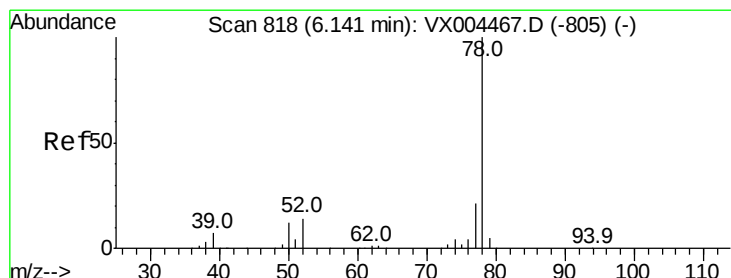
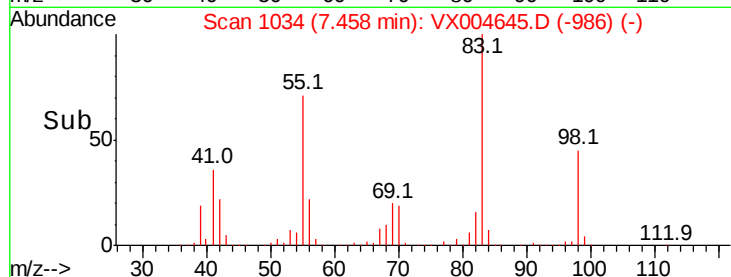
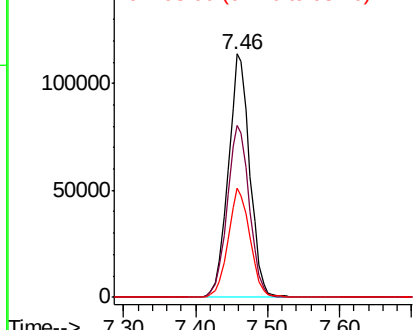
#39
Methvlcvclohexane
Concen: 60.202 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 236128
Ion Ratio Lower Upper
83 100
55 70.7 61.0 91.4
98 44.9 39.6 59.4

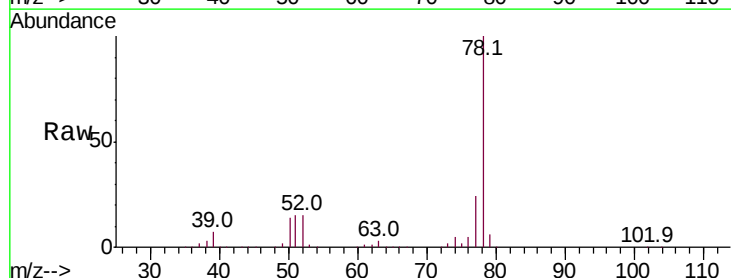


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

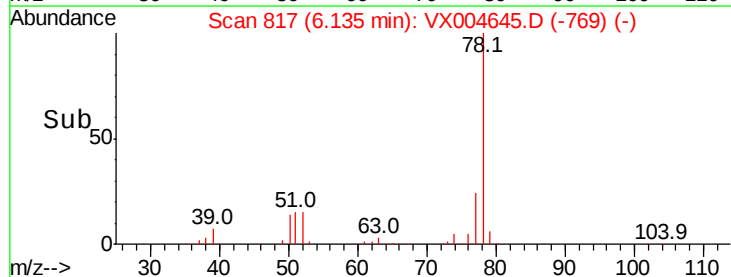
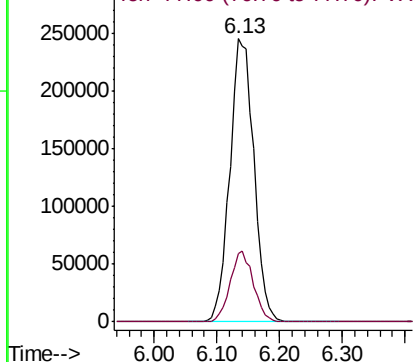


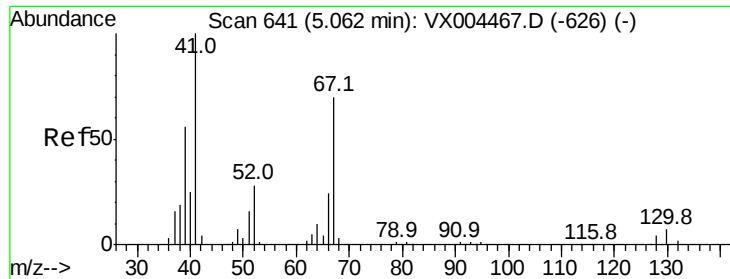
#40
Benzene
Concen: 58.428 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 78 Resp: 651602
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



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





#41

Methacrylonitrile

Concen: 53.282 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 125498

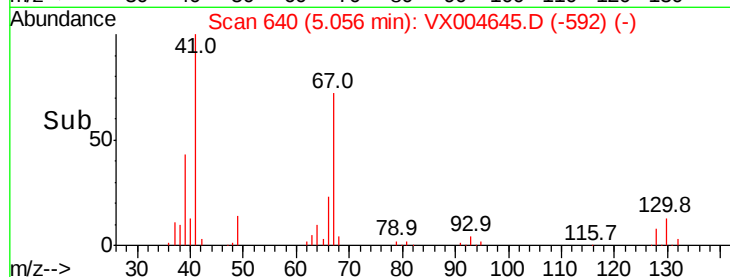
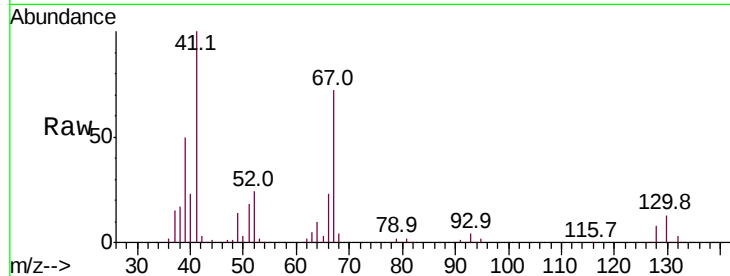
Ion Ratio Lower Upper

41 100

39 52.5 42.4 63.6

67 73.1 59.2 88.8

52 29.0 23.0 34.4

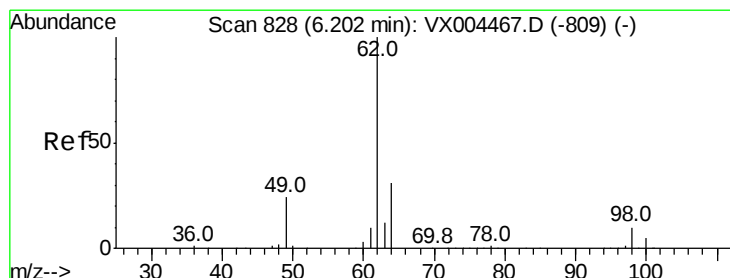
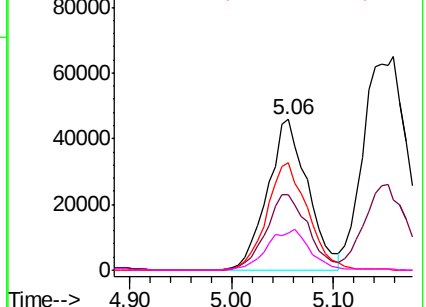


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.660 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004645.D

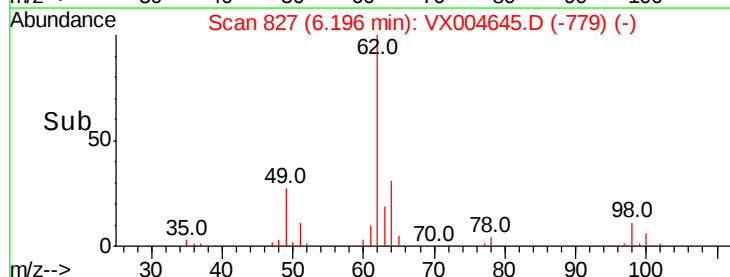
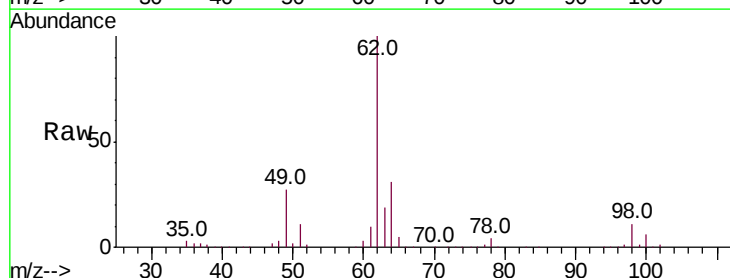
Acq: 18 Sep 2018 09:07

Tgt Ion: 62 Resp: 205875

Ion Ratio Lower Upper

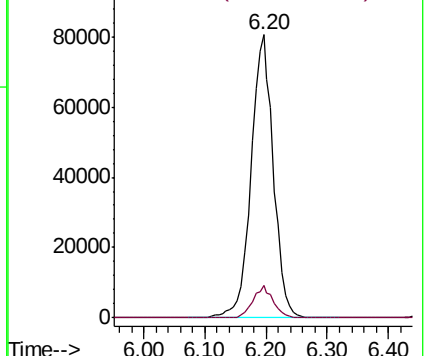
62 100

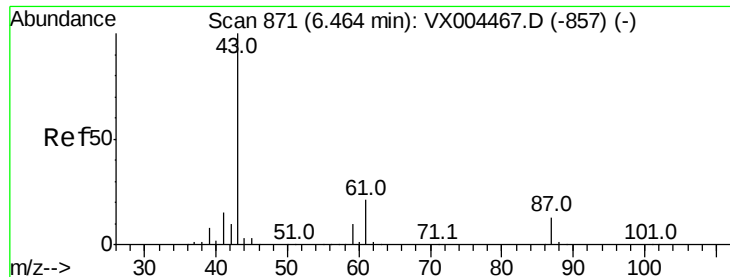
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 57.100 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

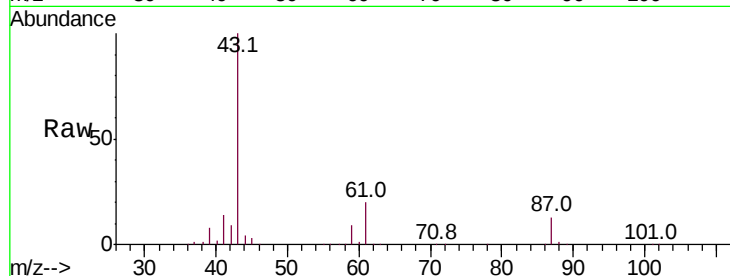
Tot Ion: 43 Resp: 324208

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

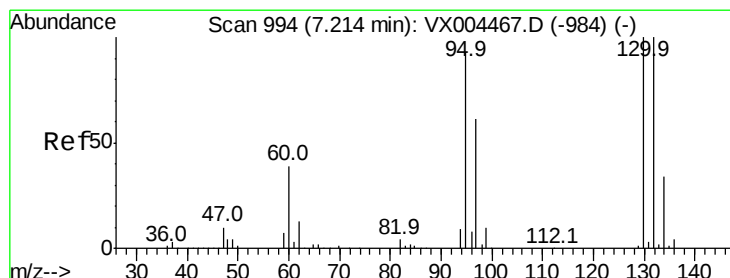
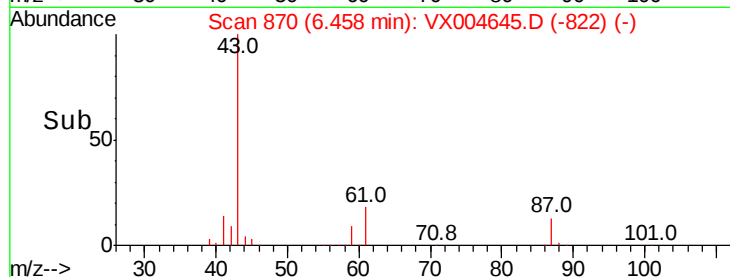
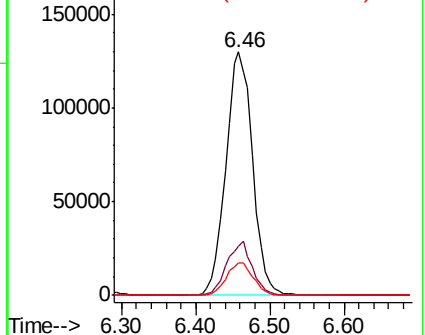
87 13.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 58.972 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004645.D

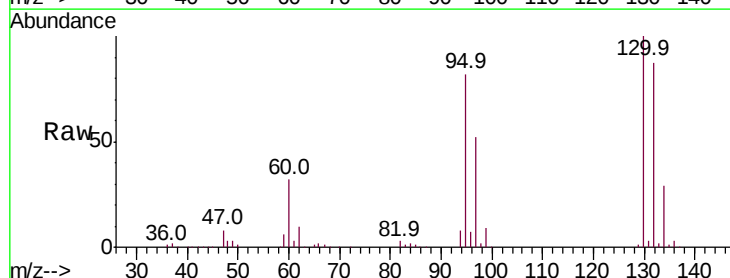
Acq: 18 Sep 2018 09:07

Tgt Ion: 130 Resp: 170860

Ion Ratio Lower Upper

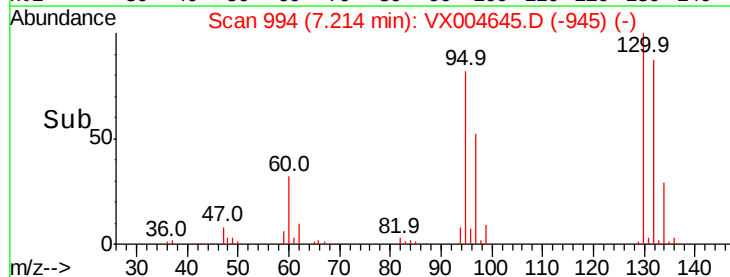
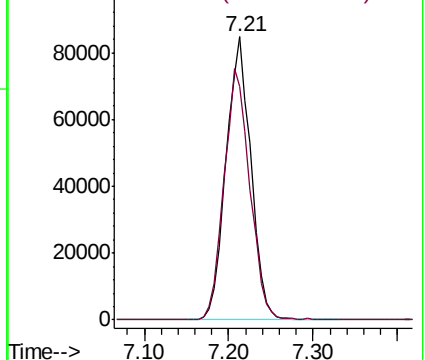
130 100

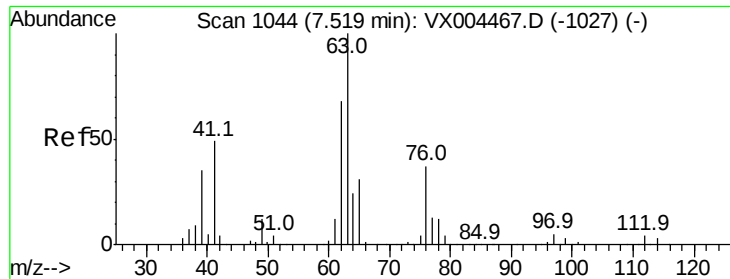
95 82.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 56.606 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

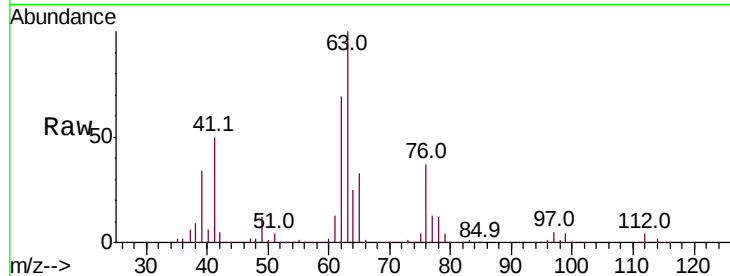
ClientSampled :

Tot Ion: 63 Resp: 151902

Ion Ratio Lower Upper

63 100

65 33.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

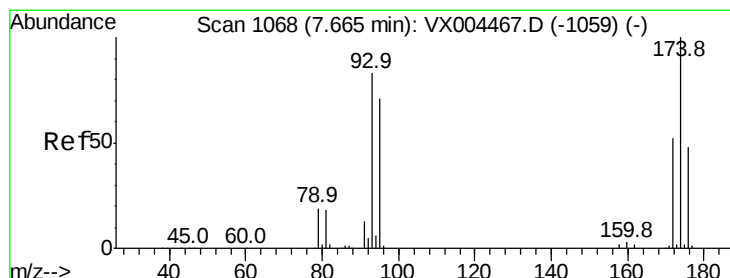
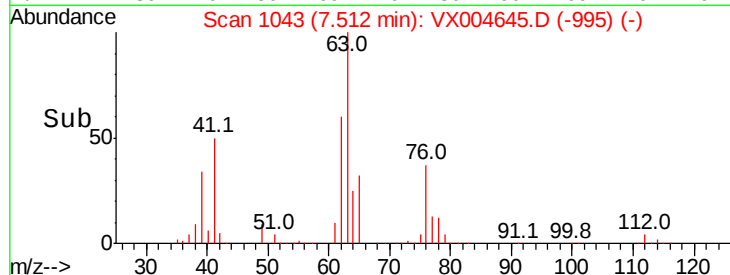
40000

20000

0

Time-->

7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 54.234 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

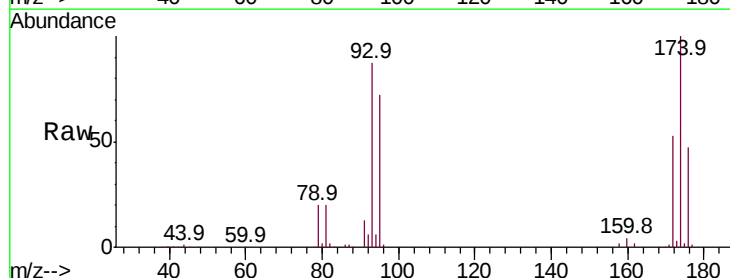
Tgt Ion: 93 Resp: 91943

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

174 119.6 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

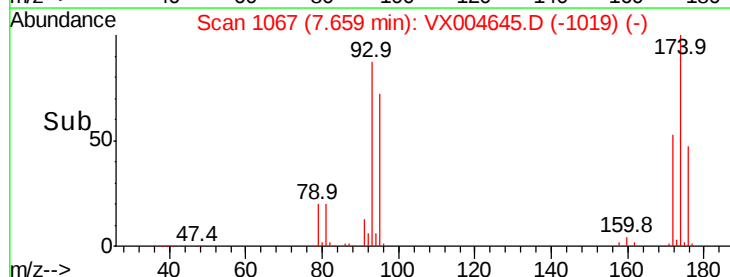
40000

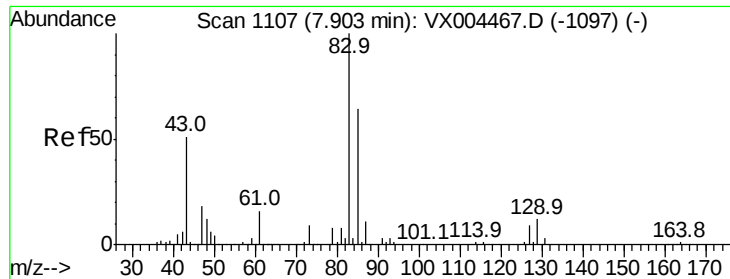
20000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 56.348 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampled :

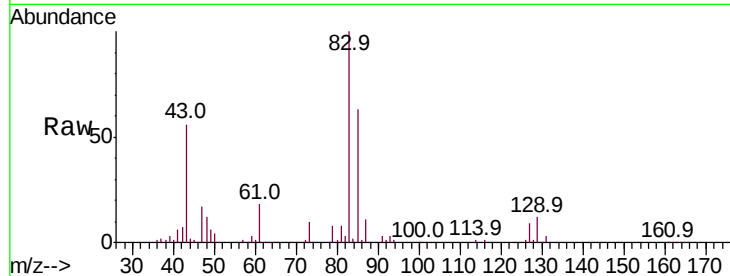
Tot Ion: 83 Resp: 180650

Ion Ratio Lower Upper

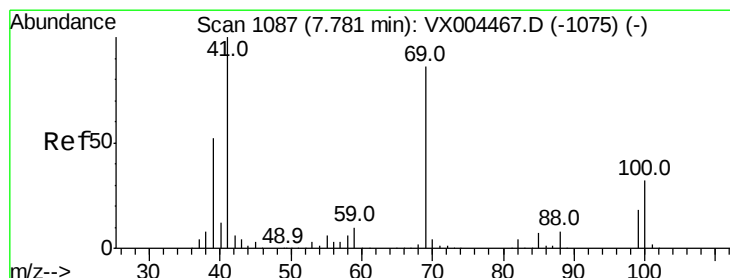
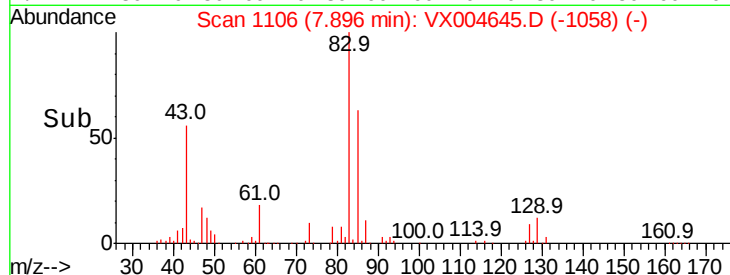
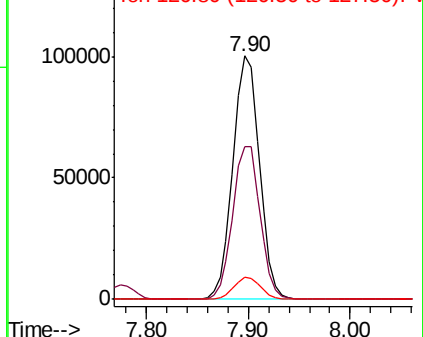
83 100

85 62.5 50.9 76.3

127 9.1 7.3 10.9



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: 53.047 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

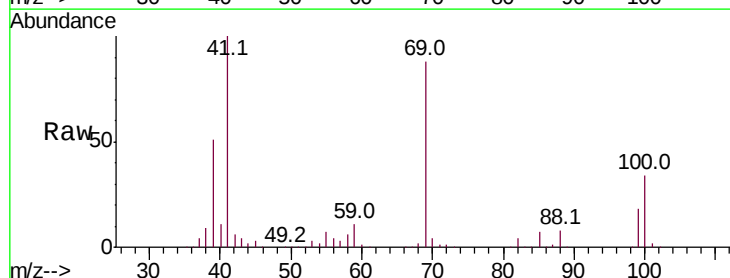
Tgt Ion: 41 Resp: 149062

Ion Ratio Lower Upper

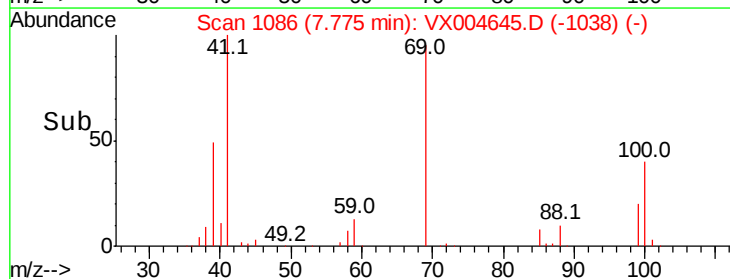
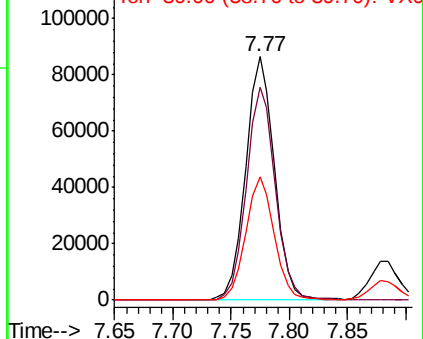
41 100

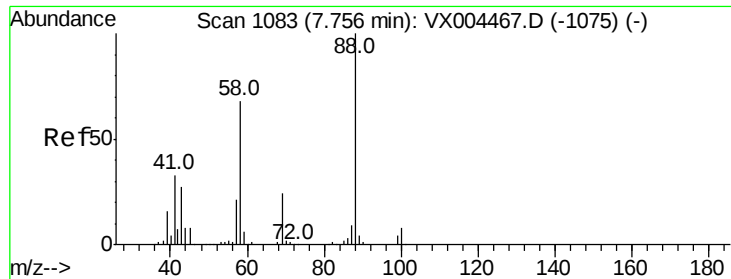
69 88.2 70.2 105.4

39 50.5 42.7 64.1



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: 1057.049 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

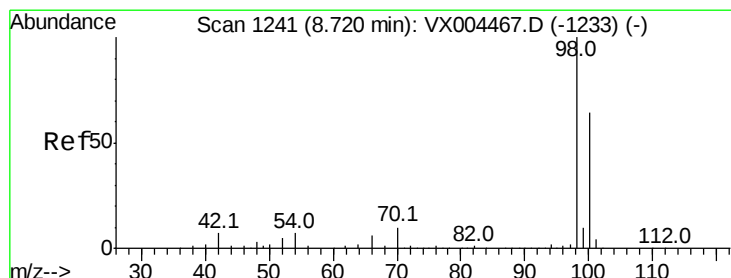
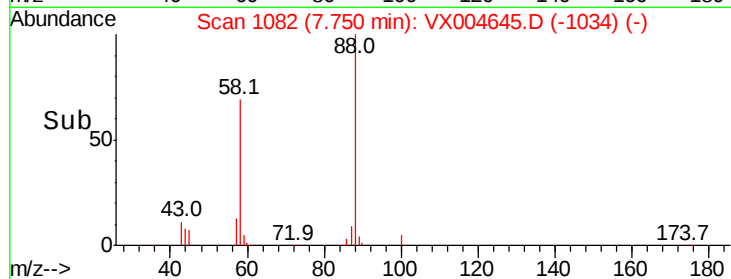
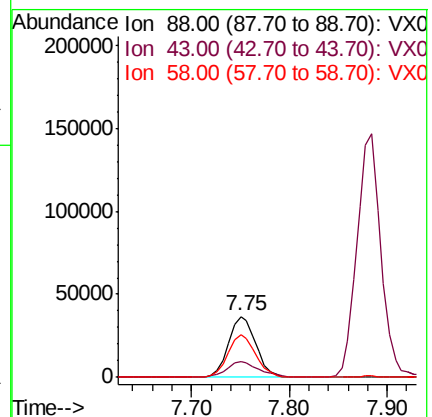
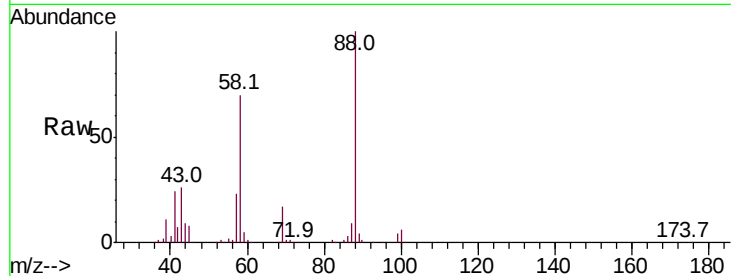
Tot Ion: 88 Resp: 70301

Ion Ratio Lower Upper

88 100

43 30.6 24.7 37.1

58 71.1 55.3 82.9



#50

Toluene-d8

Concen: 47.666 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004645.D

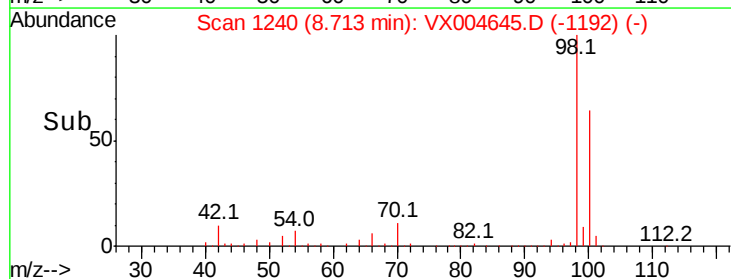
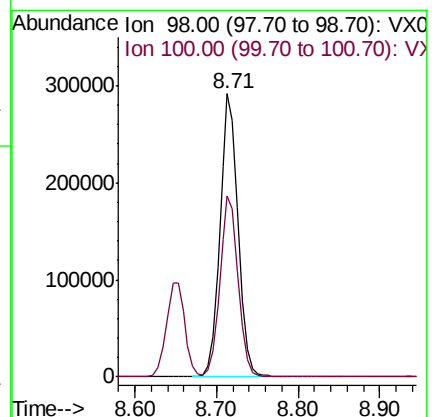
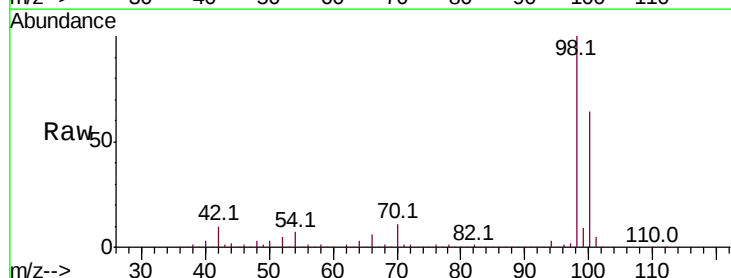
Acq: 18 Sep 2018 09:07

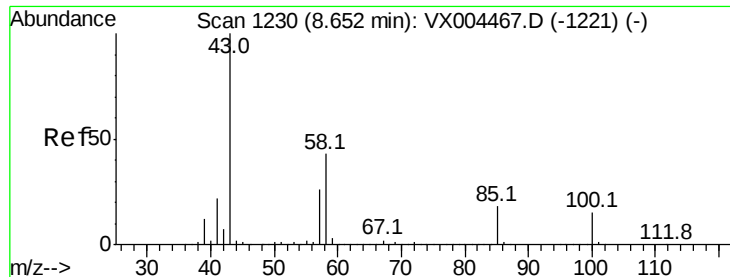
Tgt Ion: 98 Resp: 452863

Ion Ratio Lower Upper

98 100

100 64.4 52.9 79.3

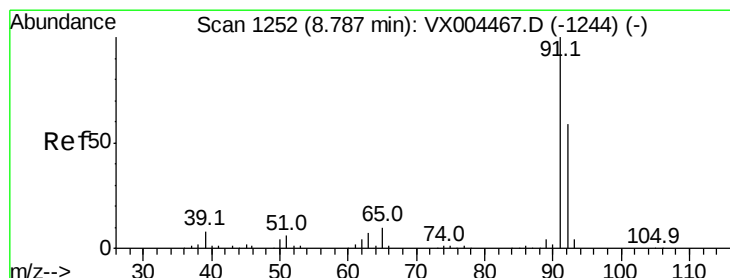
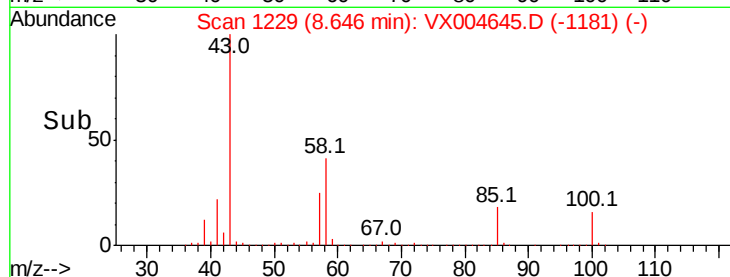
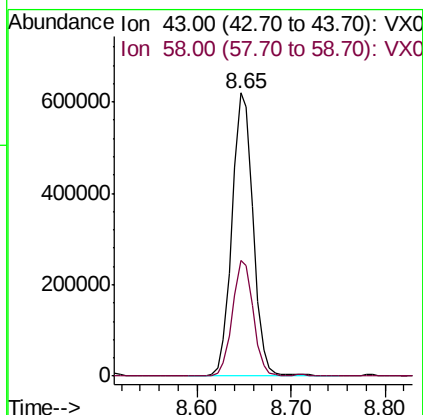
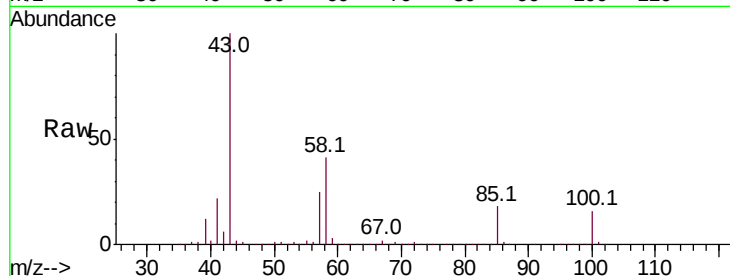




#51
4-Methyl-2-Pentanone
Concen: 240.379 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

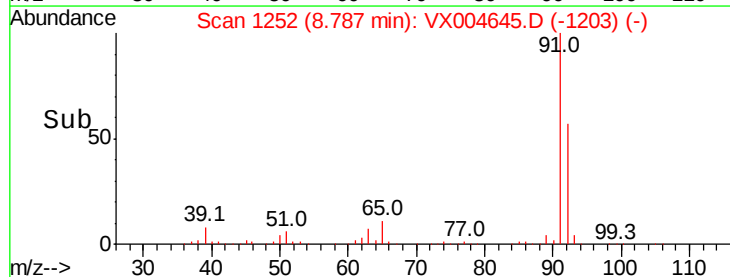
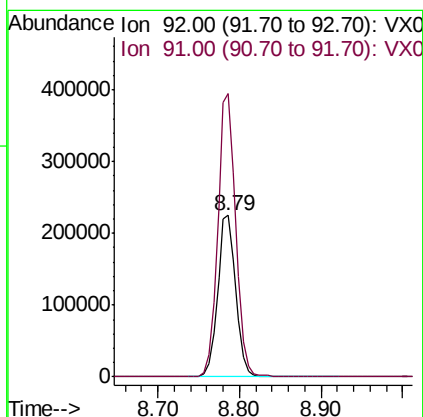
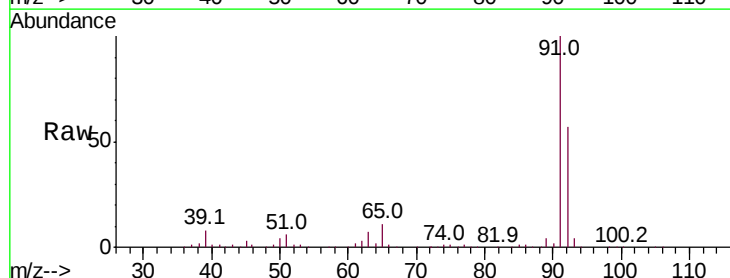
Instrument :
MSVOA_X
ClientSampled :

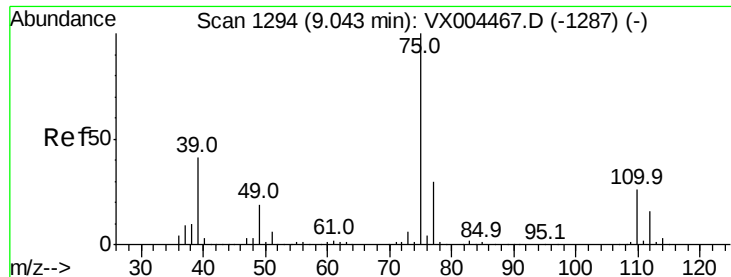
Tot Ion: 43 Resp: 963179
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7



#52
Toluene
Concen: 53.091 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 92 Resp: 348839
Ion Ratio Lower Upper
92 100
91 174.8 136.4 204.6

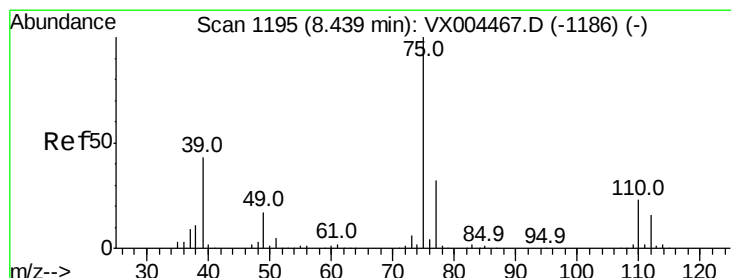
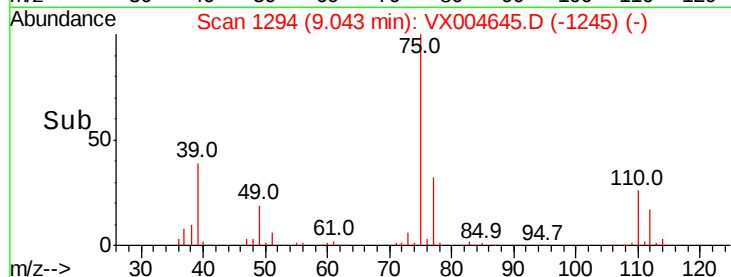
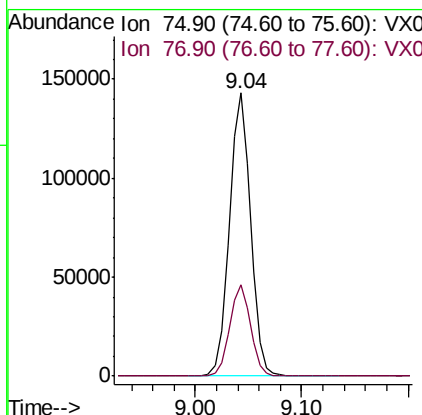
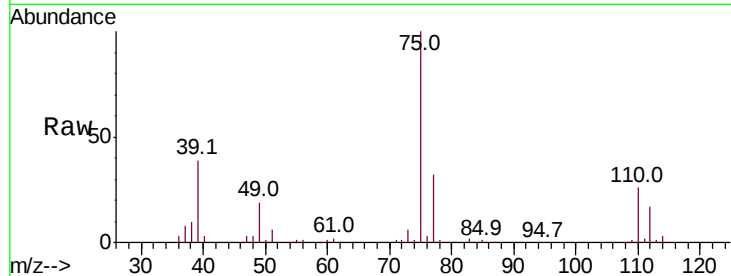




#53
 t-1,3-Dichloropropene
 Concen: 53.217 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

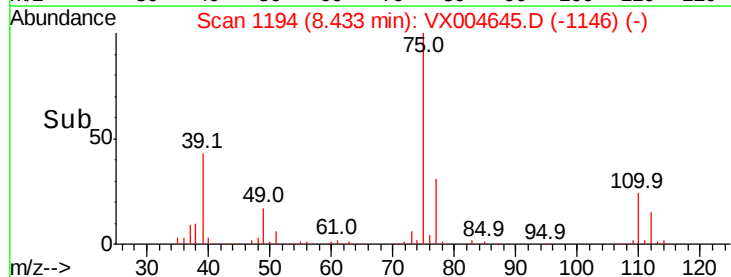
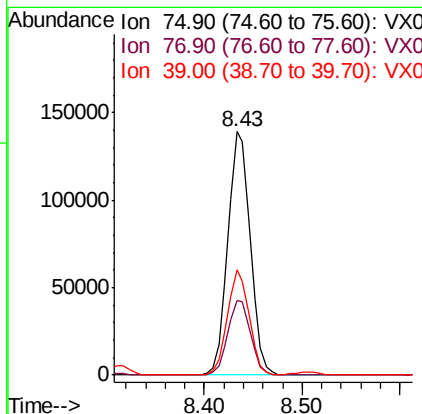
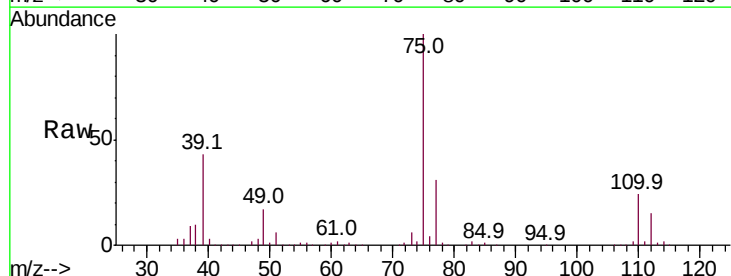
Instrument :
 MSVOA_X
 ClientSampleId :

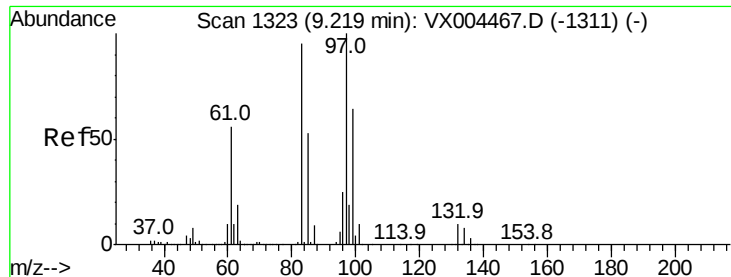
Tot Ion: 75 Resp: 199302
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.833 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 75 Resp: 220787
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.2 39.2
 39 43.0 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 54.300 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 153621

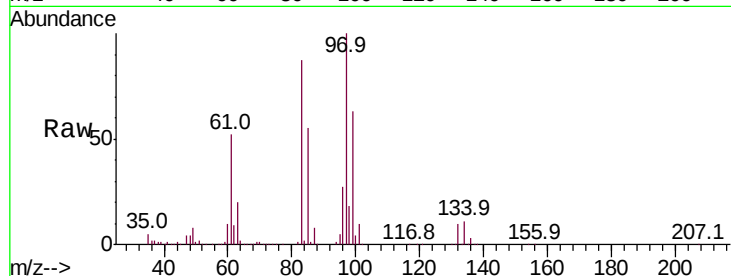
Ion Ratio Lower Upper

97 100

83 87.1 66.4 99.6

85 54.9 43.3 64.9

99 63.3 49.0 73.4

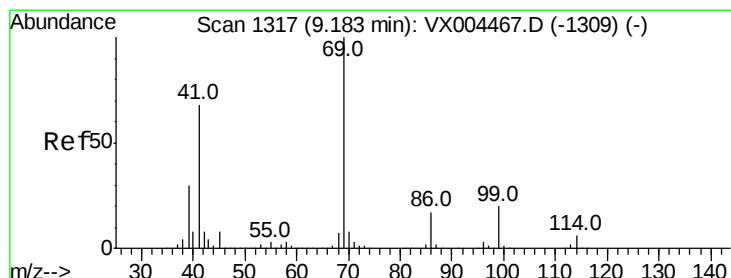
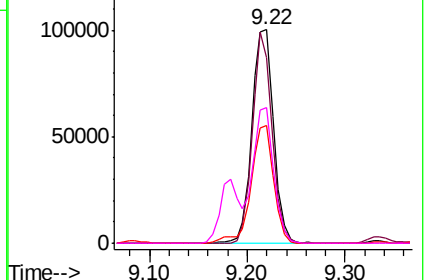
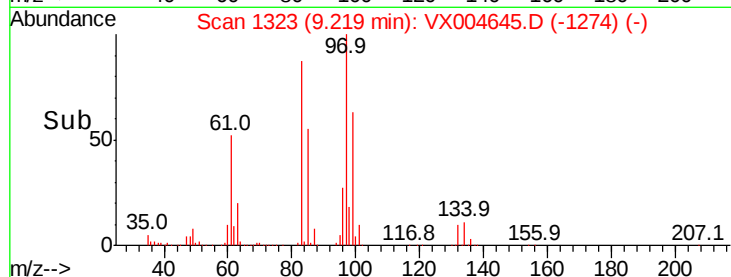


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.845 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

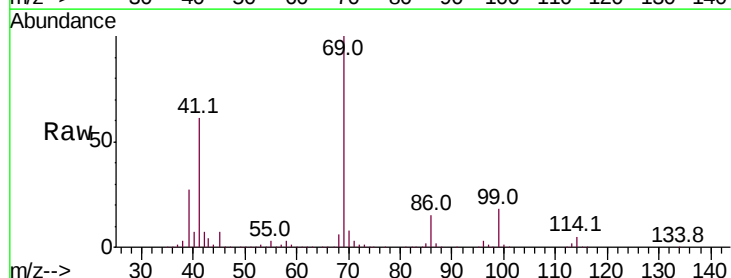
Tgt Ion: 69 Resp: 227512

Ion Ratio Lower Upper

69 100

41 64.8 51.0 76.4

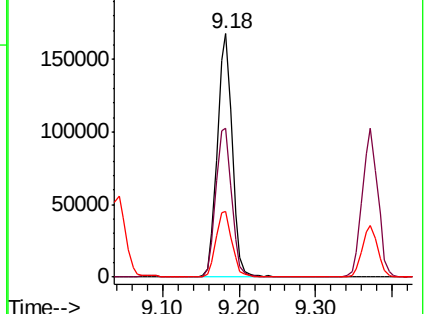
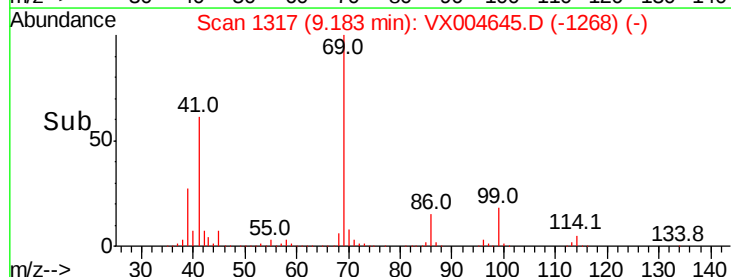
39 28.7 26.1 39.1

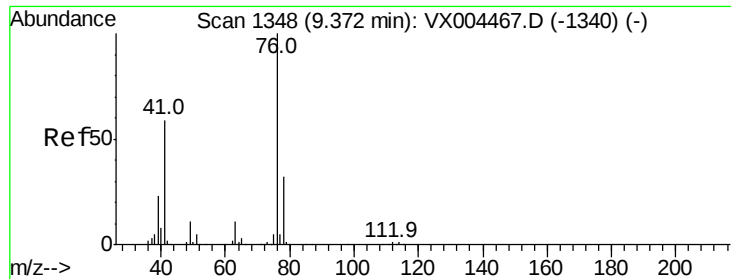


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 59.639 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

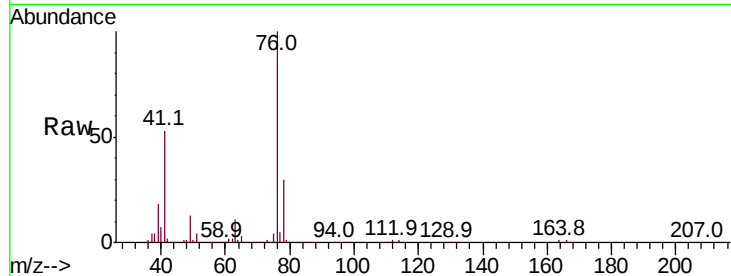
ClientSampleId :

Tot Ion: 76 Resp: 274148

Ion Ratio Lower Upper

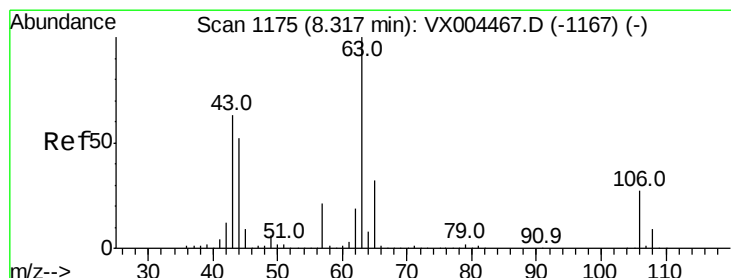
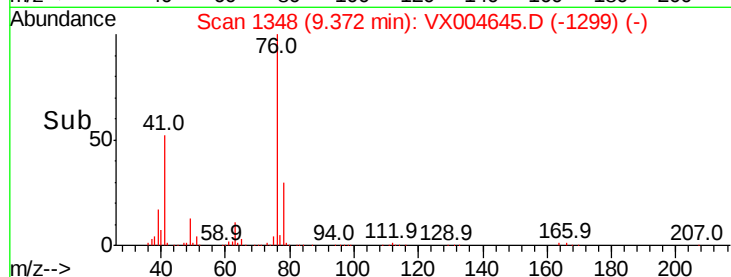
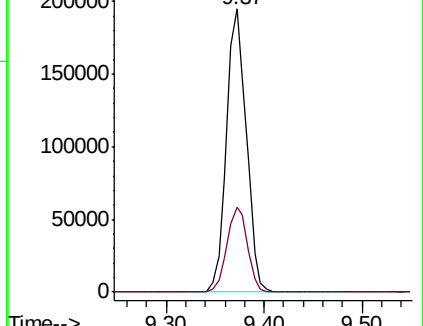
76 100

78 31.1 25.5 38.3



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: 240.271 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004645.D

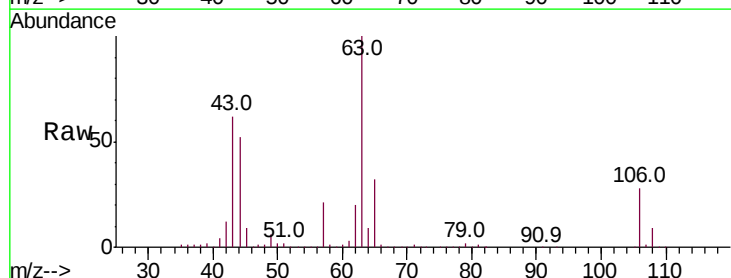
Acq: 18 Sep 2018 09:07

Tgt Ion: 63 Resp: 489354

Ion Ratio Lower Upper

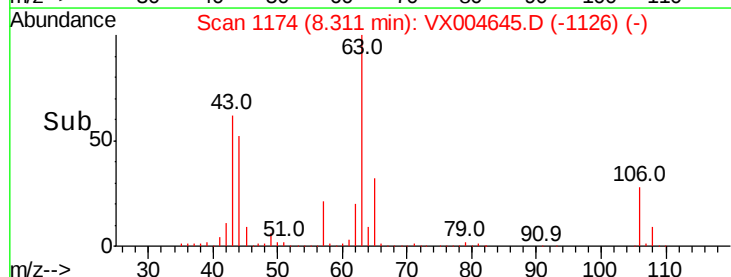
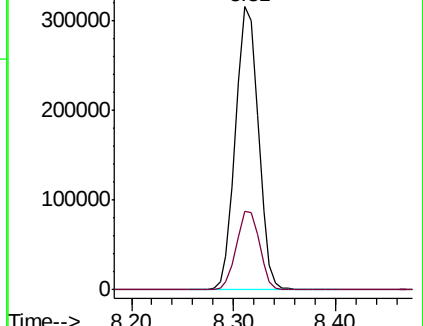
63 100

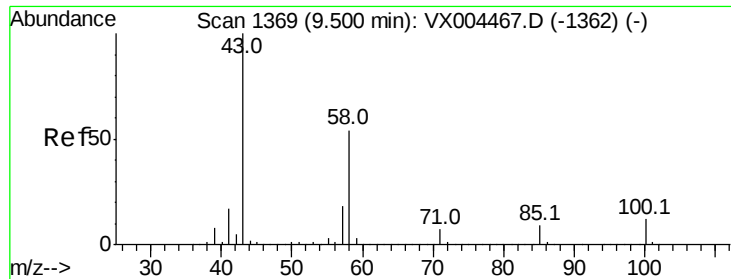
106 28.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

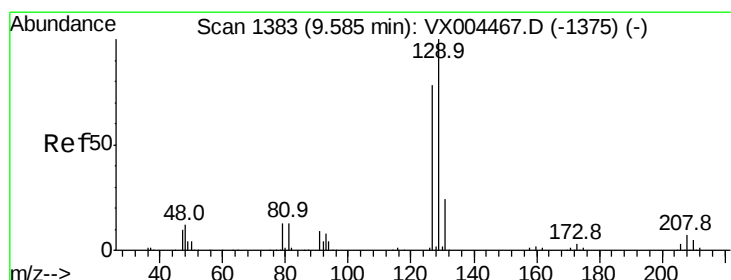
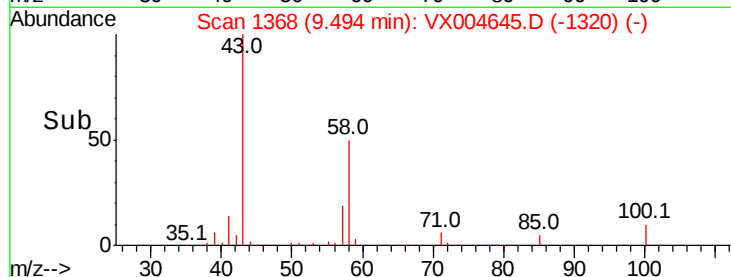
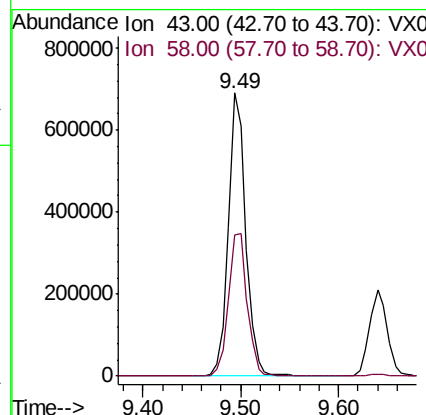
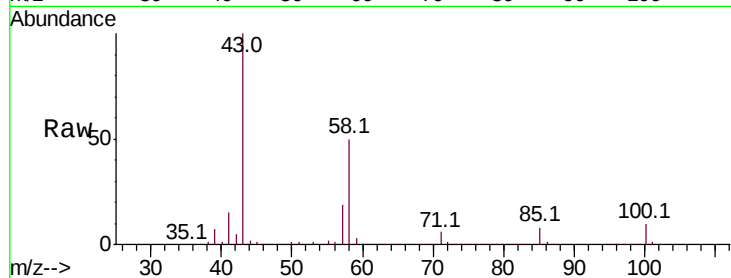




#59
2-Hexanone
Concen: 275.939 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

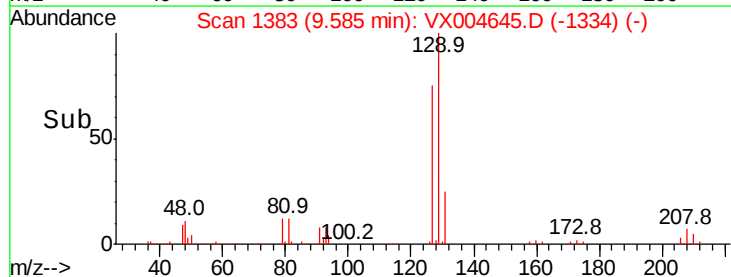
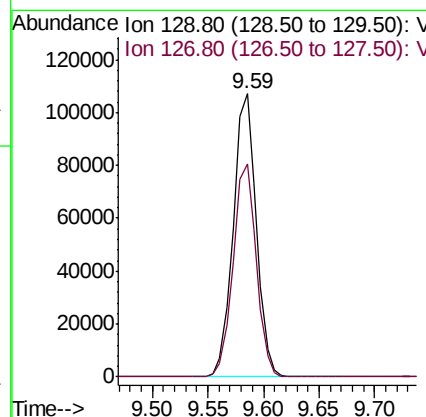
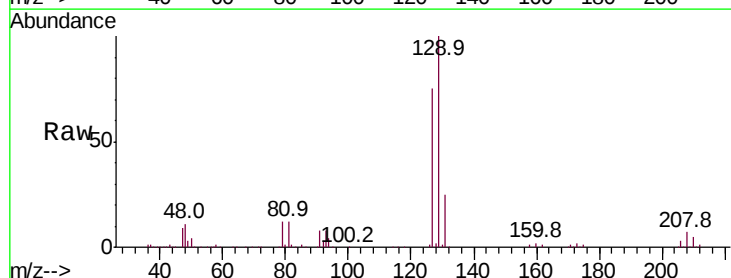
Instrument :
MSVOA_X
ClientSampled :

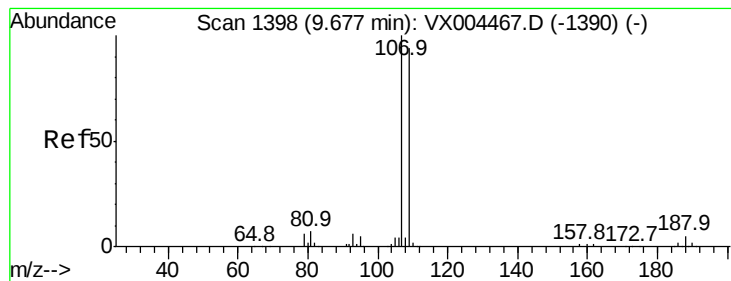
Tot Ion: 43 Resp: 848080
Ion Ratio Lower Upper
43 100
58 54.9 29.0 87.0



#60
Dibromochloromethane
Concen: 57.413 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 129 Resp: 152918
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 58.128 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

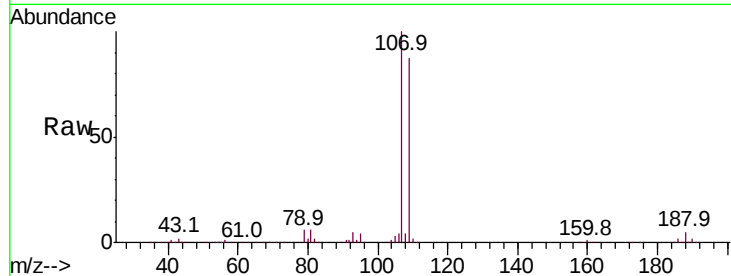
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 157098

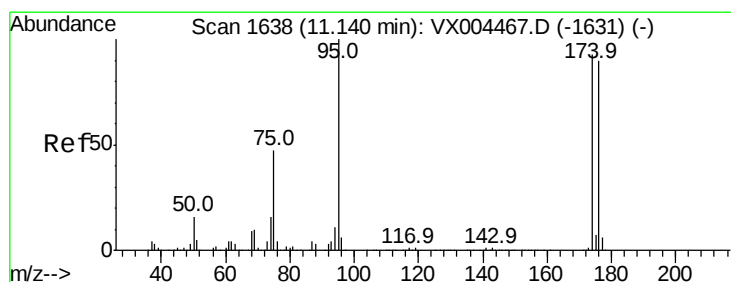
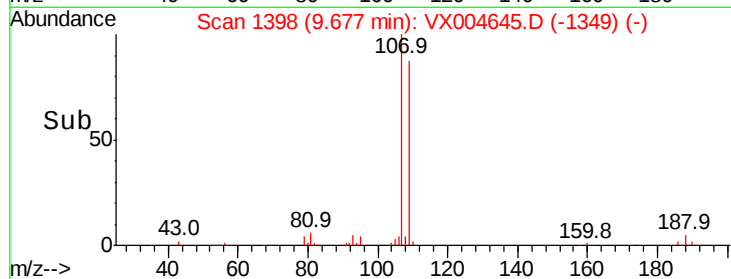
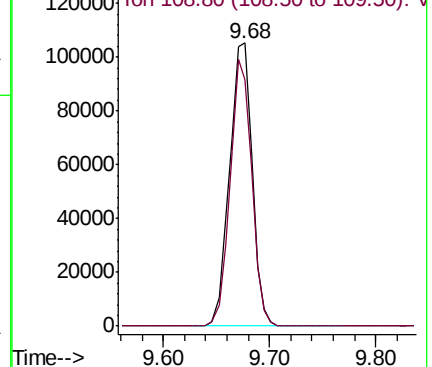
Ion Ratio Lower Upper

107 100

109 89.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.089 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

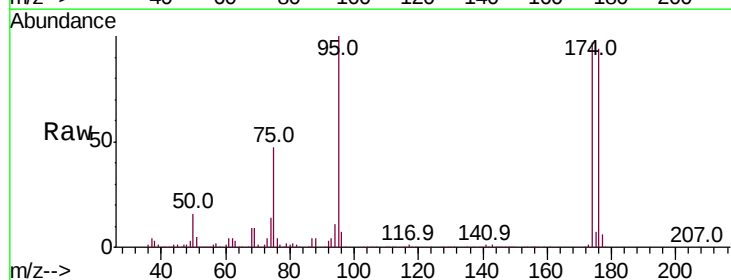
Tgt Ion: 95 Resp: 166479

Ion Ratio Lower Upper

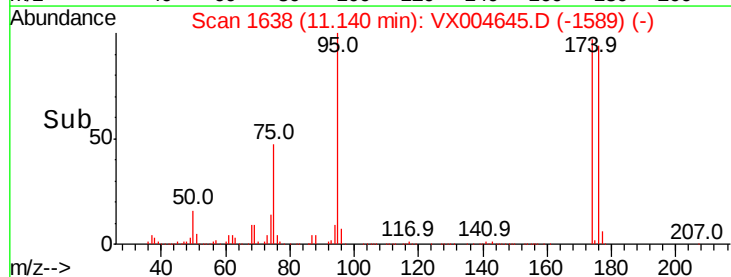
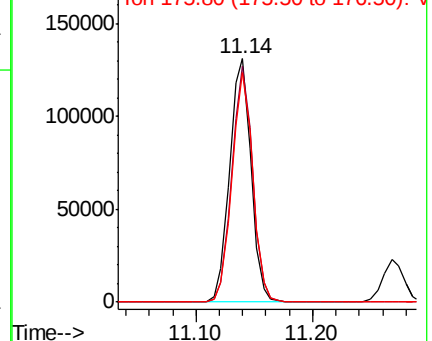
95 100

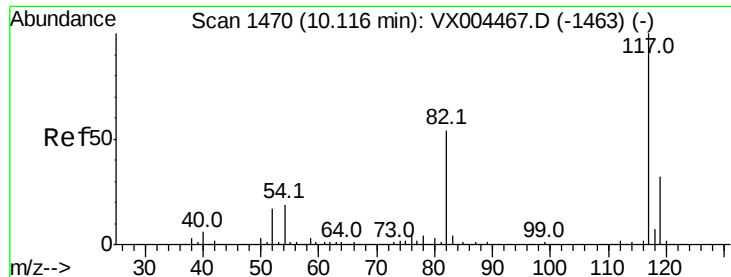
174 94.5 0.0 185.2

176 92.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

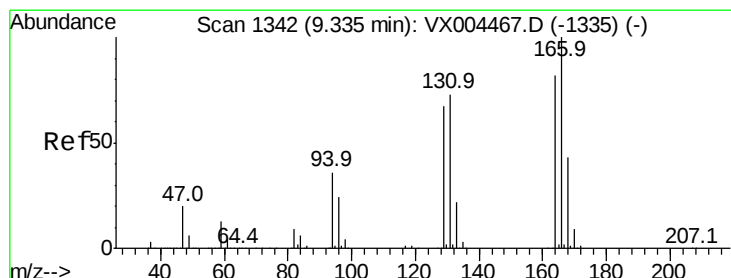
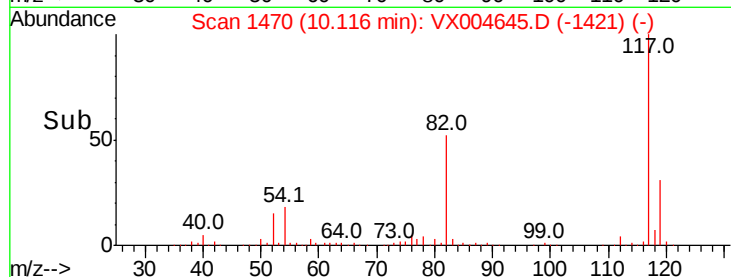
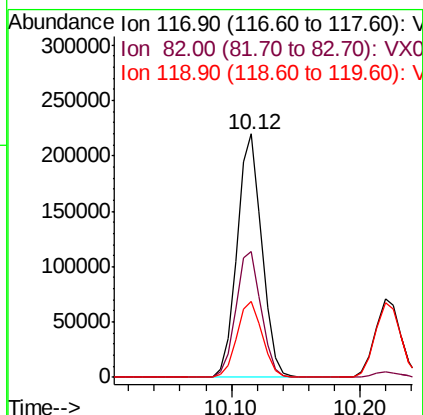
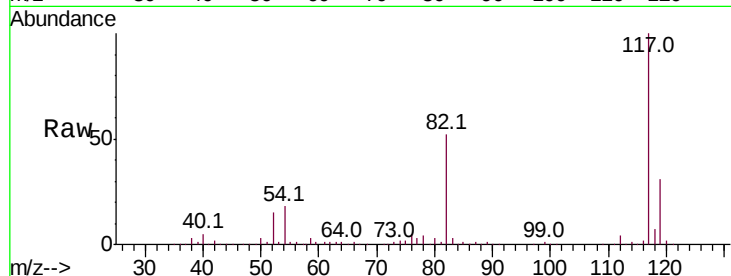




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

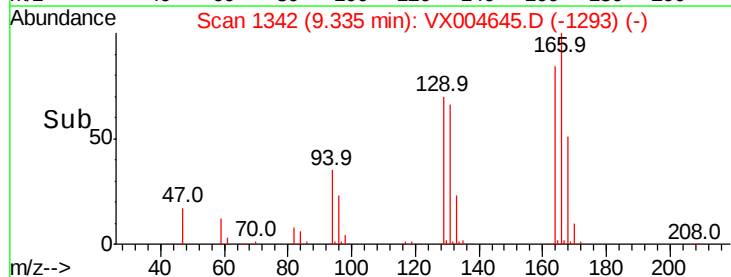
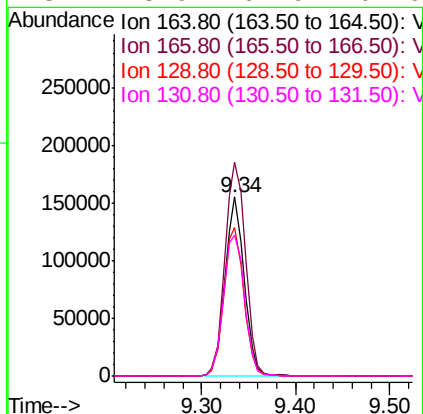
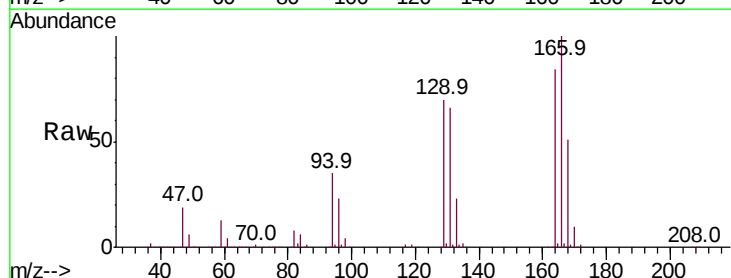
Instrument :
MSVOA_X
ClientSampled :

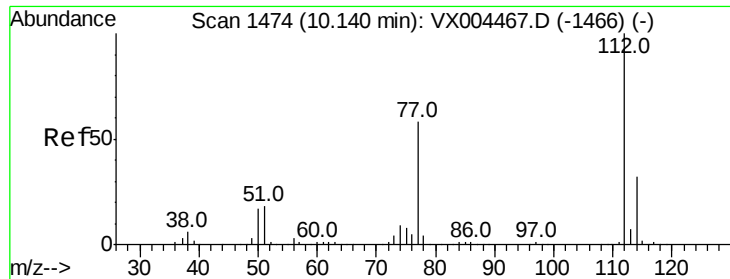
Tot Ion:117 Resp: 292791
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 31.3 29.3 43.9



#64
Tetrachloroethene
Concen: 59.912 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:164 Resp: 219011
Ion Ratio Lower Upper
164 100
166 119.2 102.8 154.2
129 83.0 69.4 104.0
131 78.9 67.9 101.9

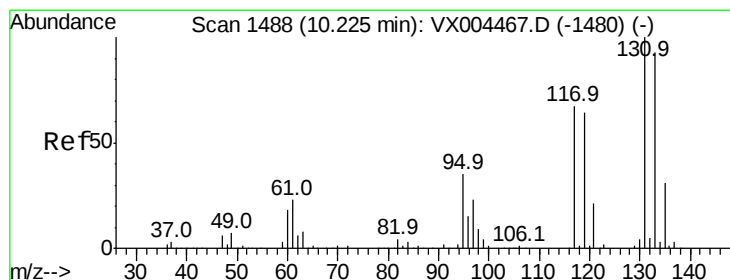
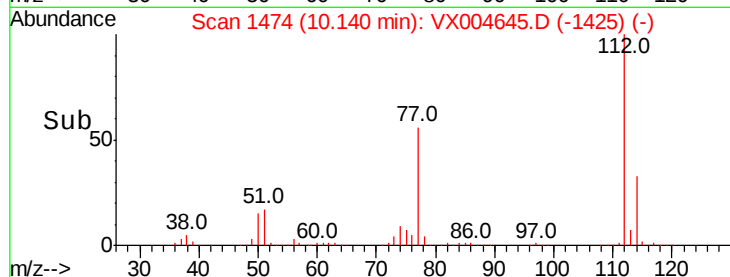
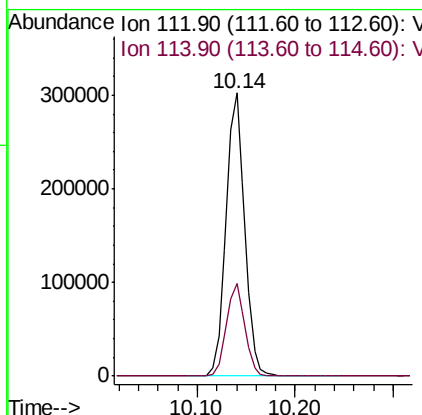
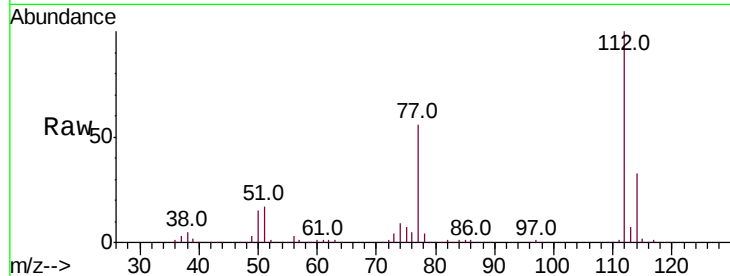




#65
Chlorobenzene
Concen: 54.820 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

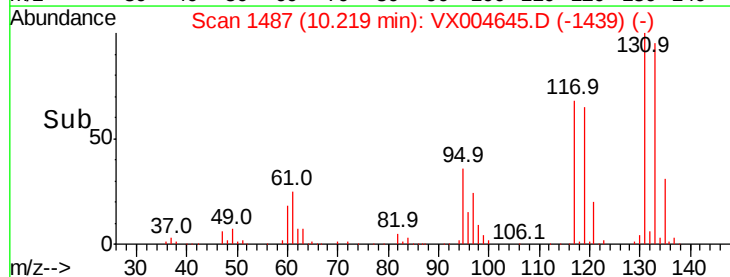
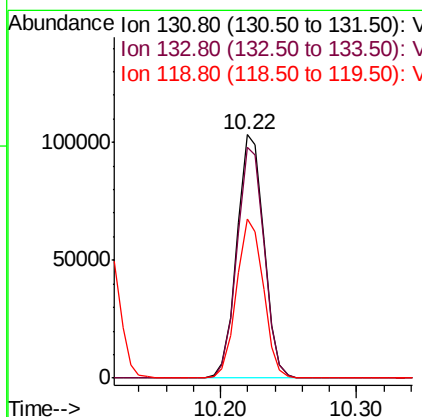
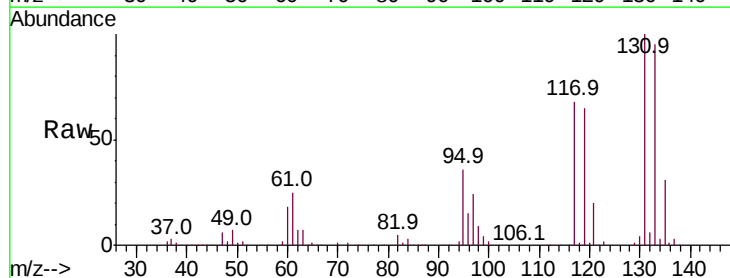
Instrument :
MSVOA_X
ClientSampleId :

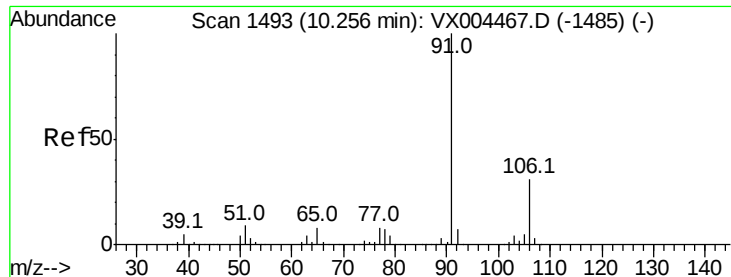
Tot Ion:112 Resp: 398692
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.843 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:131 Resp: 142562
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 65.0 32.9 98.6

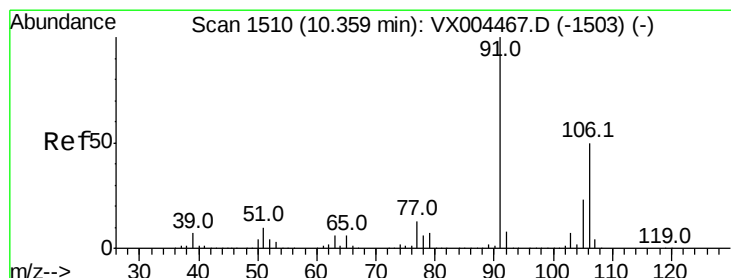
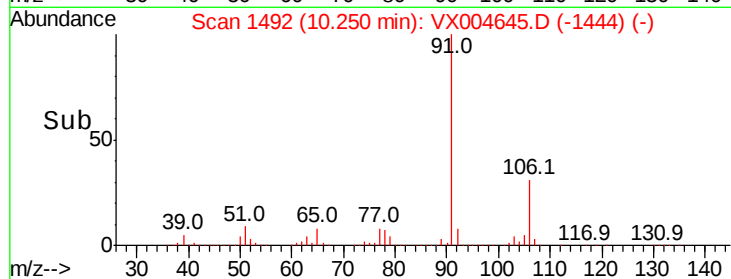
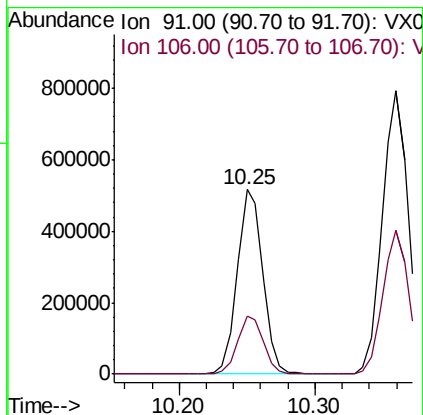
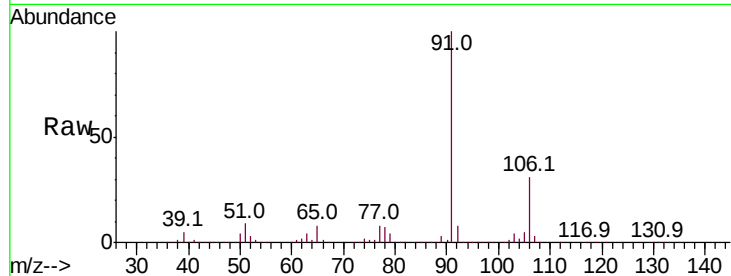




#67
Ethyl Benzene
Concen: 57.002 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

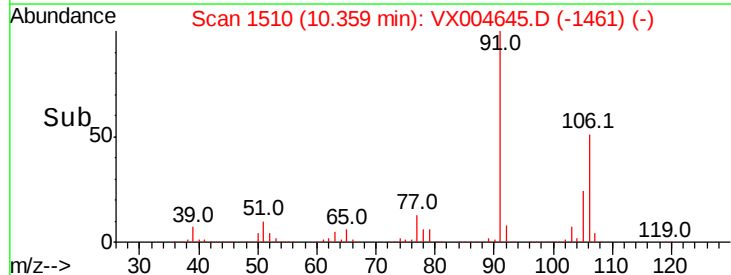
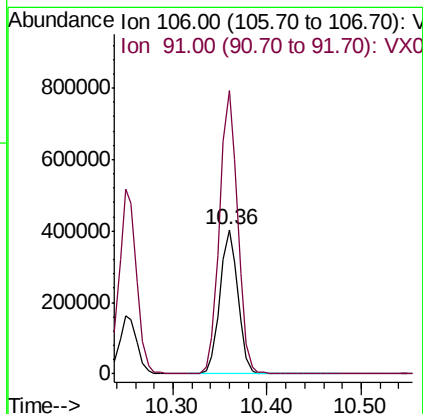
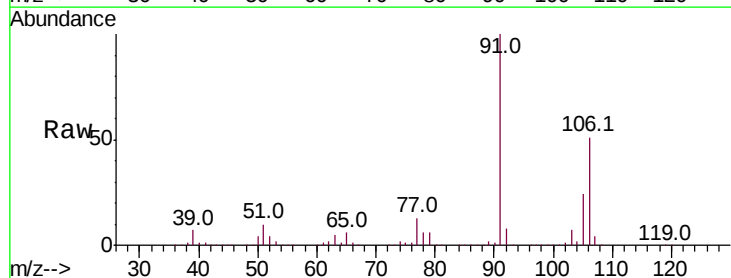
Instrument :
MSVOA_X
ClientSampled :

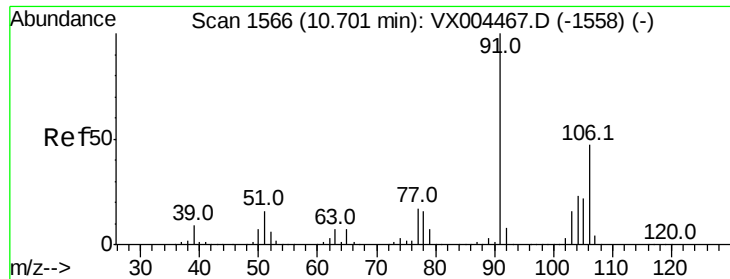
Tot Ion: 91 Resp: 674089
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 117.473 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 106 Resp: 535124
Ion Ratio Lower Upper
106 100
91 198.1 157.1 235.7

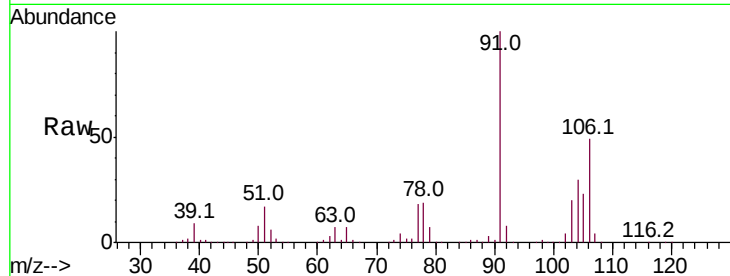




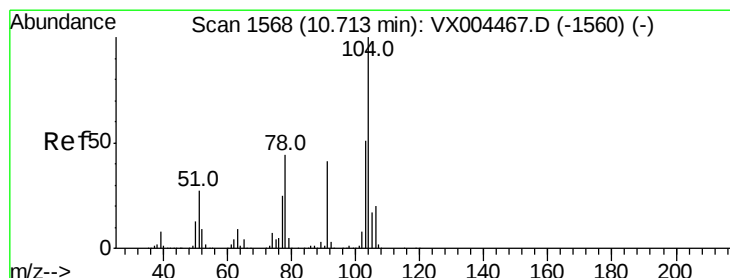
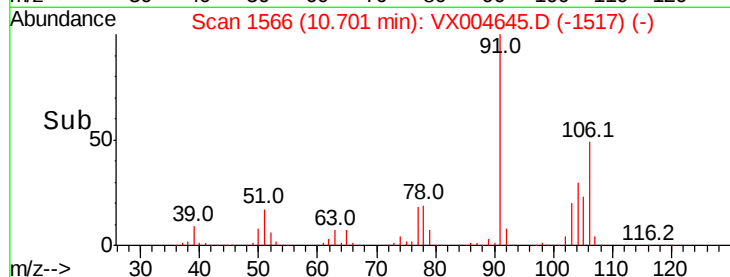
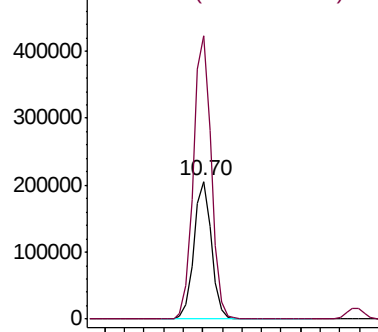
#69
o-Xylene
Concen: 58.358 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 255571
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.1

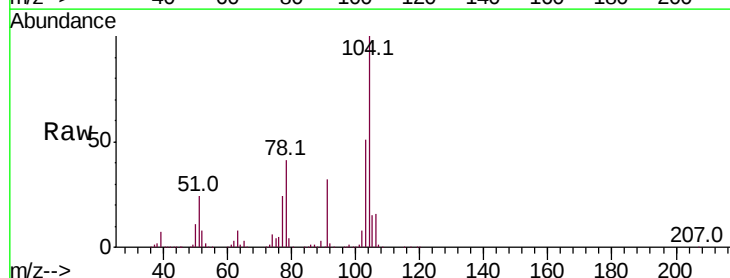


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

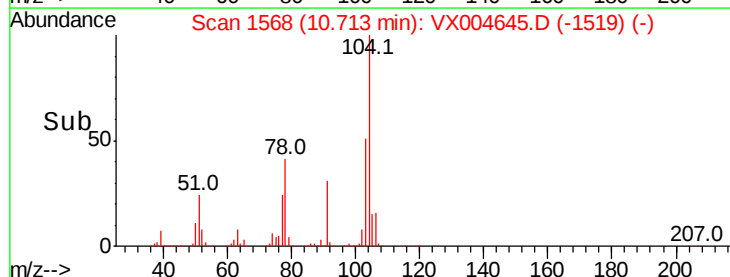
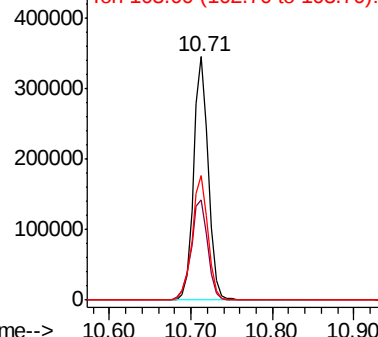


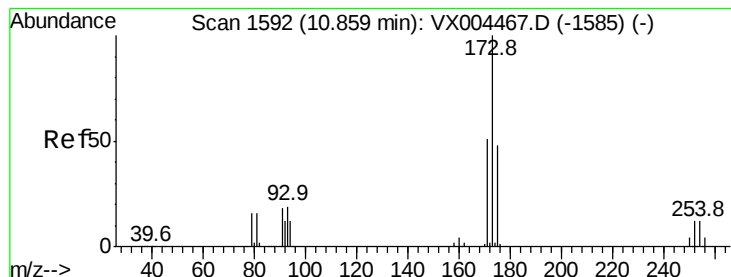
#70
Styrene
Concen: 59.868 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:104 Resp: 434364
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 55.6 43.8 65.6



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





#71

Bromoform

Concen: 57.263 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

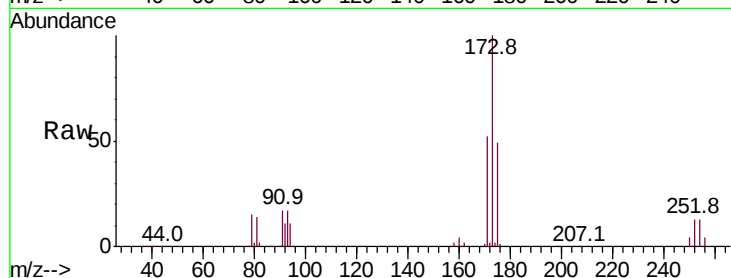
Tot Ion:173 Resp: 117920

Ion Ratio Lower Upper

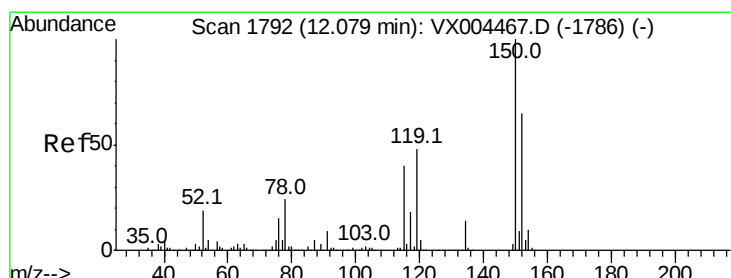
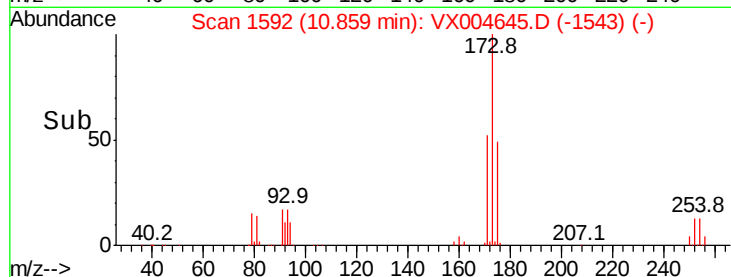
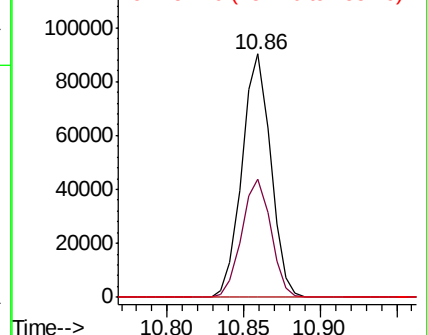
173 100

175 49.1 24.1 72.3

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

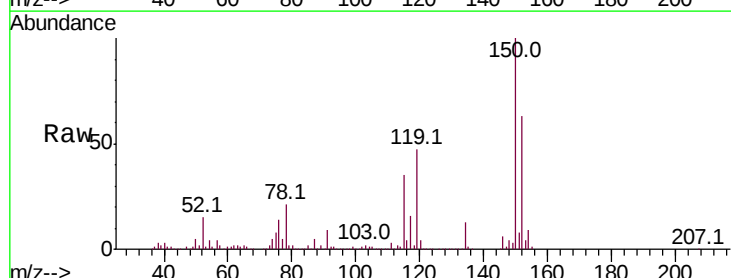
Tgt Ion:152 Resp: 236425

Ion Ratio Lower Upper

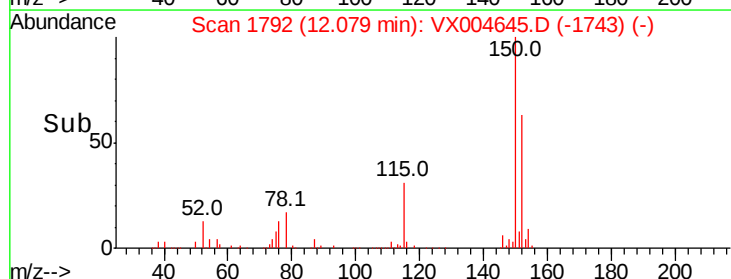
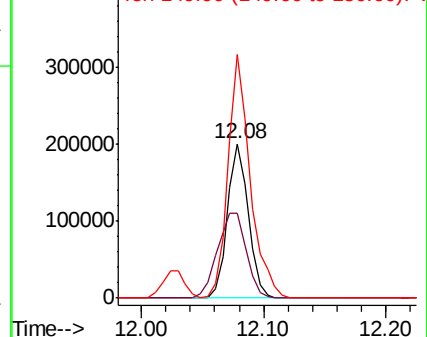
152 100

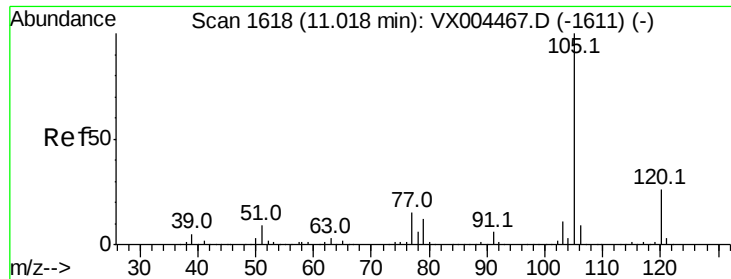
115 76.7 39.0 117.0

150 168.2 0.0 351.0



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

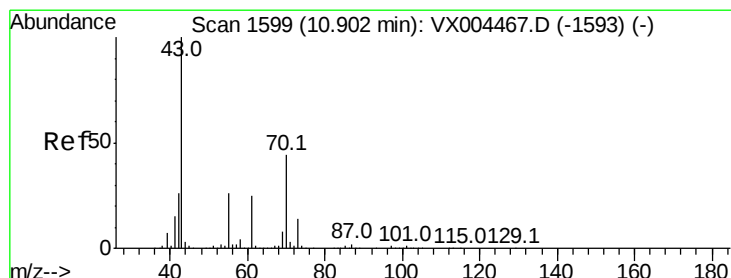
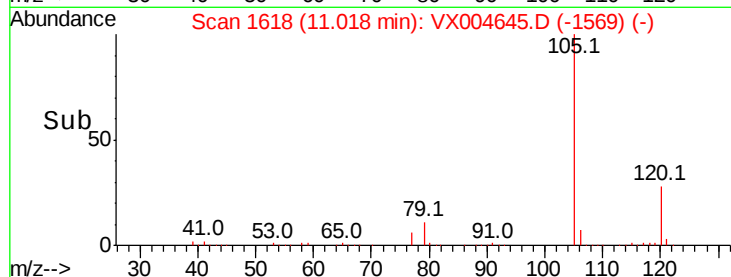
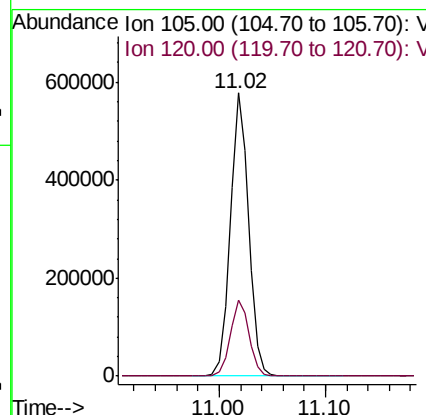
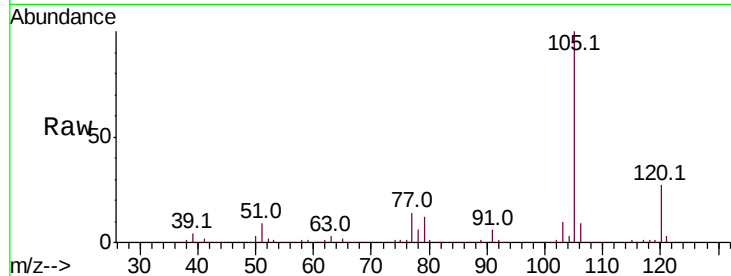




#73
Isopropylbenzene
Concen: 44.730 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

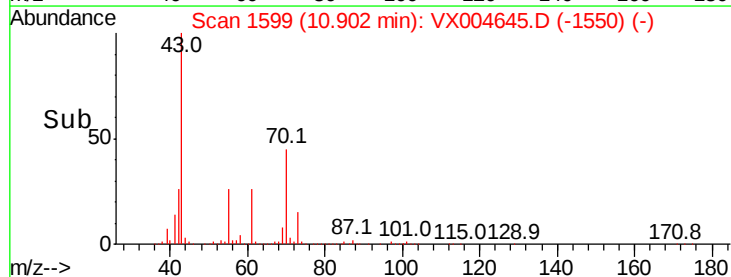
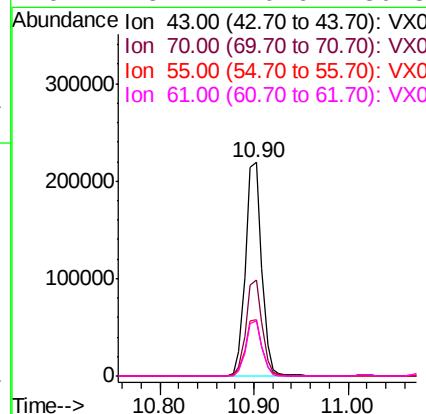
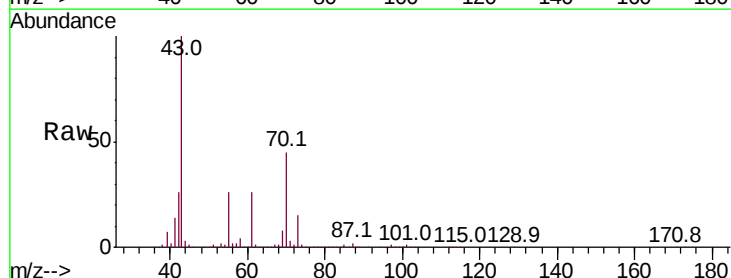
Instrument :
MSVOA_X
ClientSampleId :

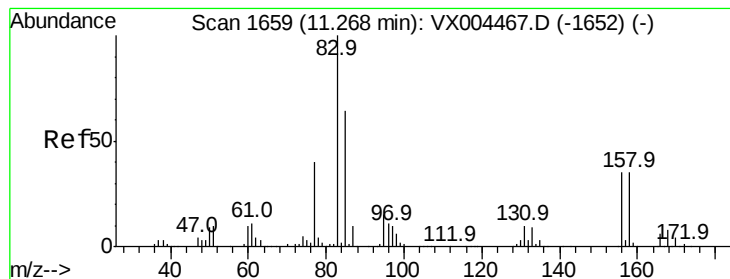
Tot Ion:105 Resp: 696475
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 40.248 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 43 Resp: 263774
Ion Ratio Lower Upper
43 100
70 44.7 37.4 56.0
55 26.7 21.8 32.8
61 25.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 38.811 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

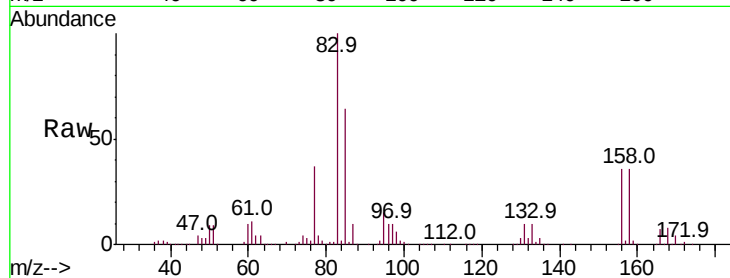
Tot Ion: 83 Resp: 194928

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

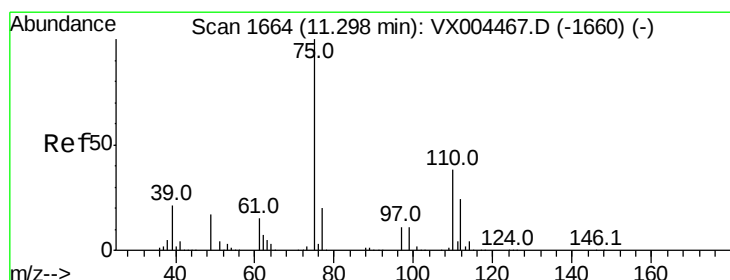
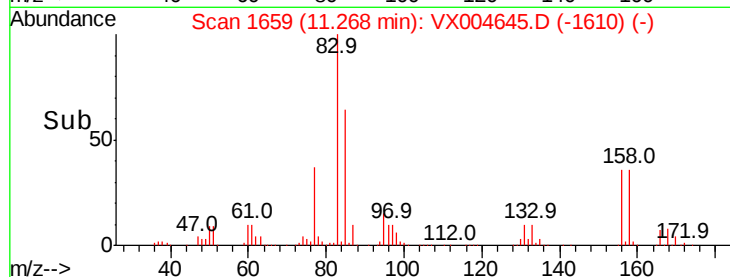
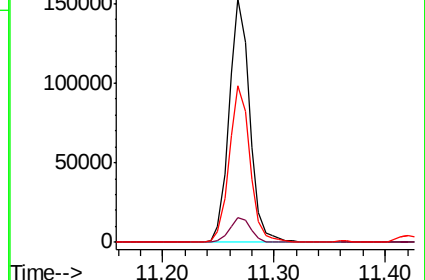
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.482 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004645.D

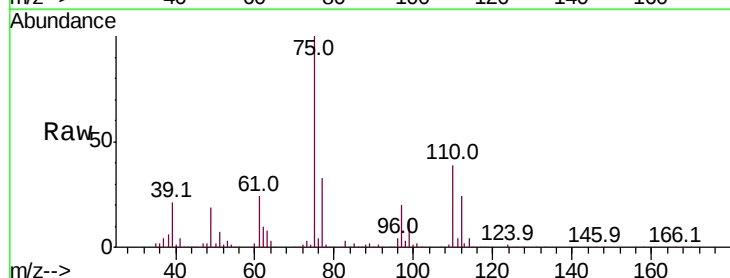
Acq: 18 Sep 2018 09:07

Tgt Ion: 75 Resp: 249638

Ion Ratio Lower Upper

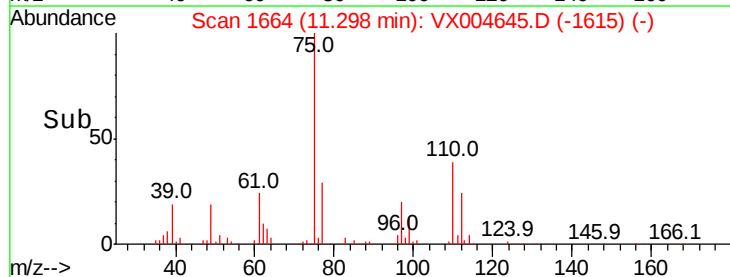
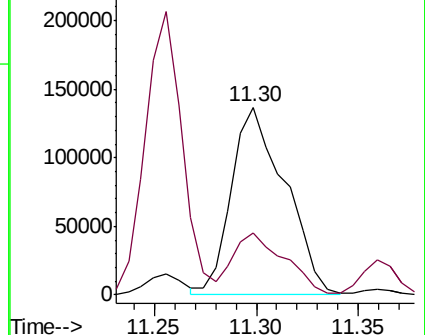
75 100

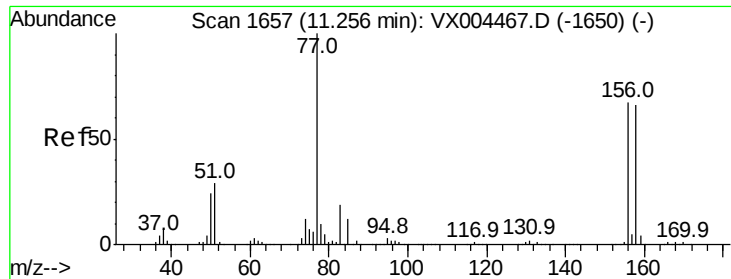
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

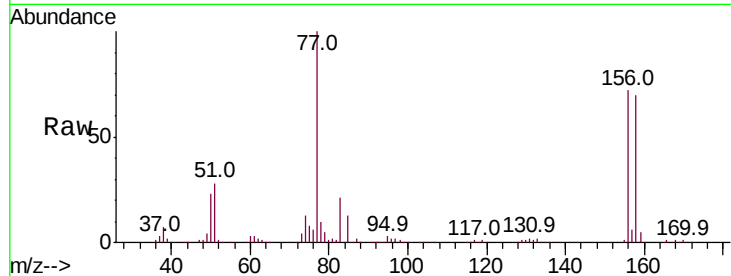
Tot Ion:156 Resp: 185797

Ion Ratio Lower Upper

156 100

77 140.2 71.5 214.3

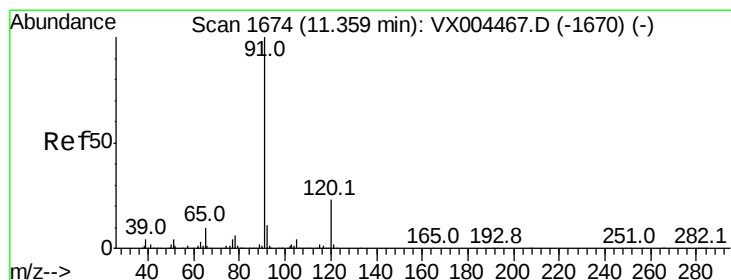
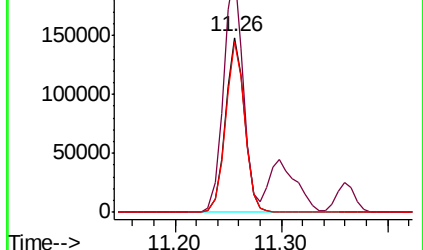
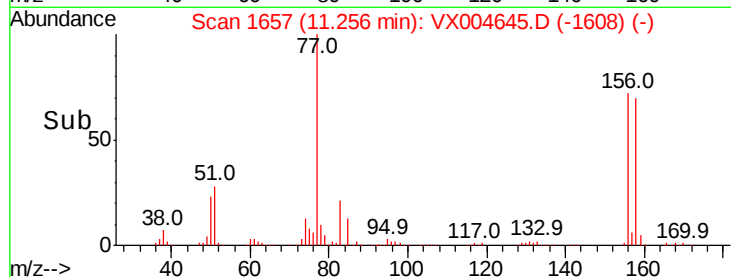
158 97.4 48.9 146.8



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: 44.967 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004645.D

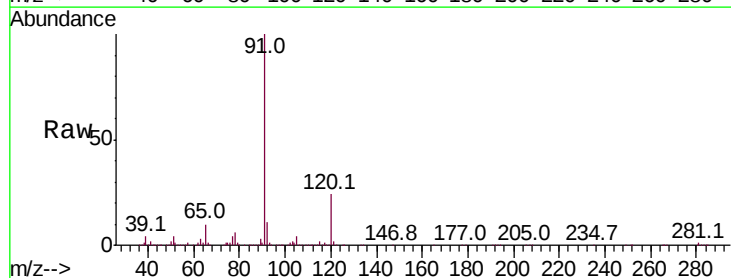
Acq: 18 Sep 2018 09:07

Tgt Ion: 91 Resp: 805056

Ion Ratio Lower Upper

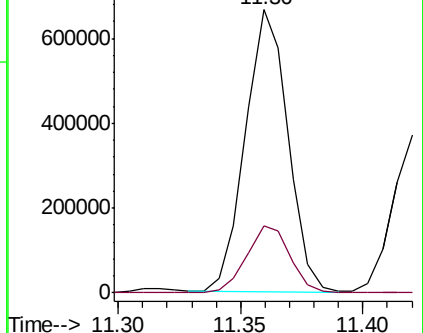
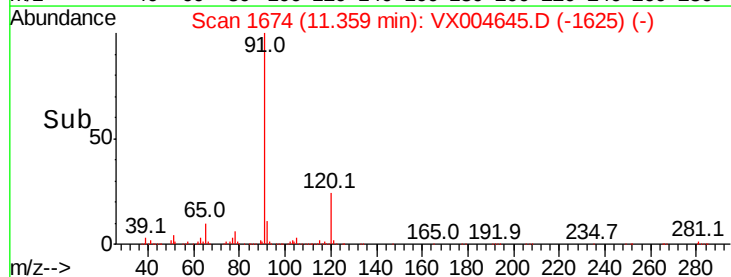
91 100

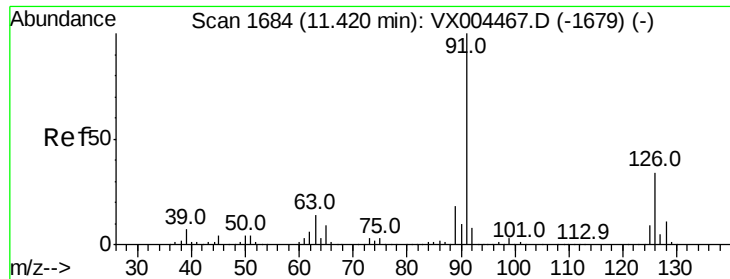
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

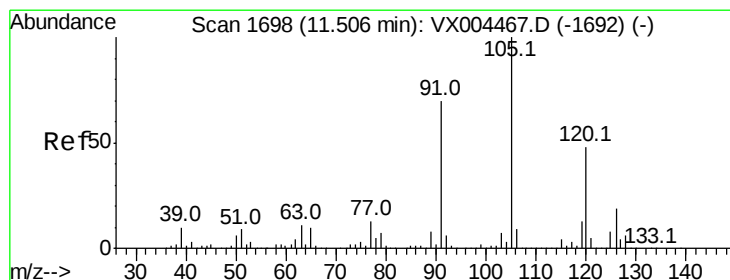
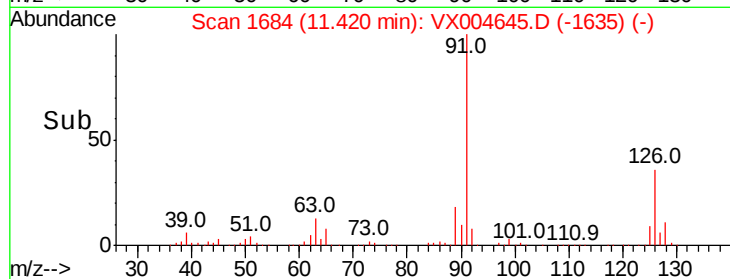
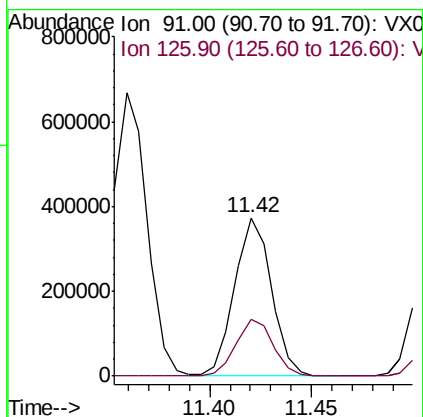
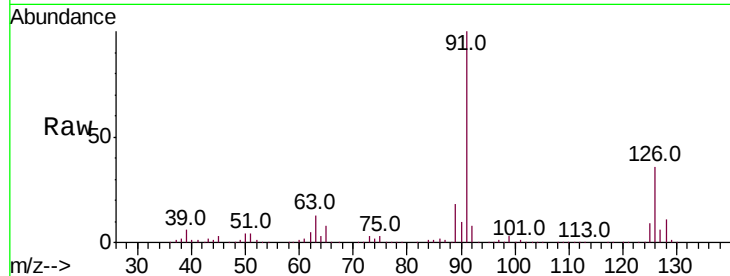




#79
 2-Chlorotoluene
 Concen: 42.959 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

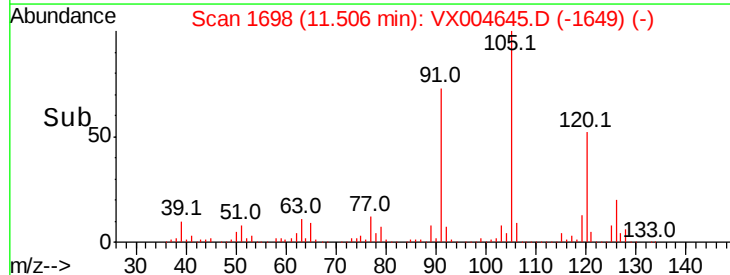
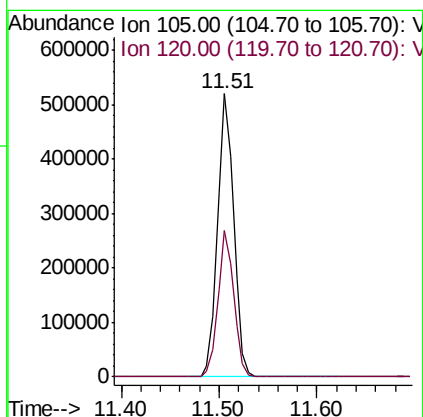
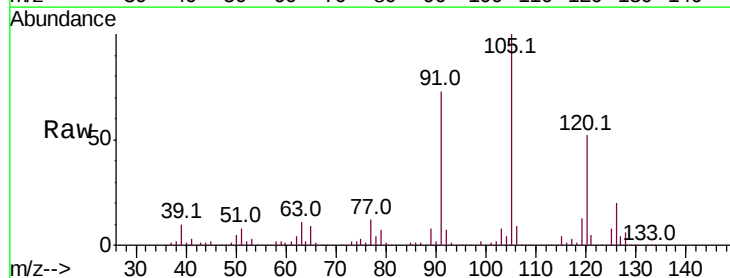
Instrument :
 MSVOA_X
 ClientSampleId :

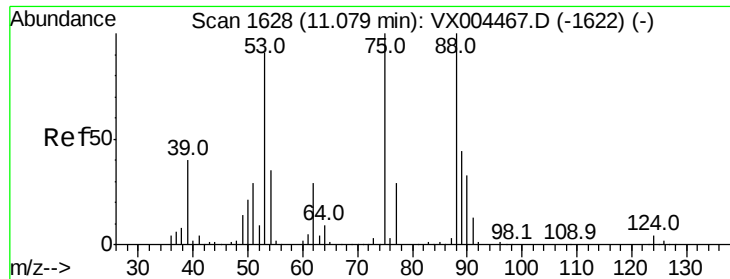
Tot Ion: 91 Resp: 466451
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.648 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 105 Resp: 597522
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.918 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

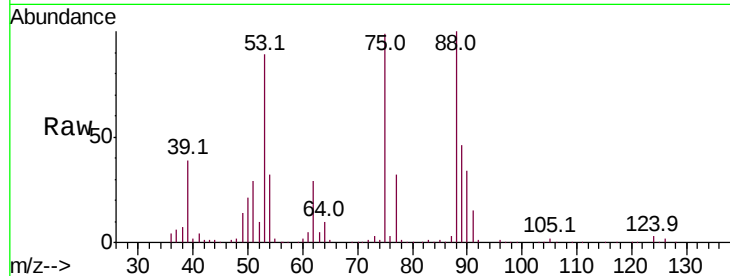
Tot Ion: 75 Resp: 65538

Ion Ratio Lower Upper

75 100

53 93.2 80.1 120.1

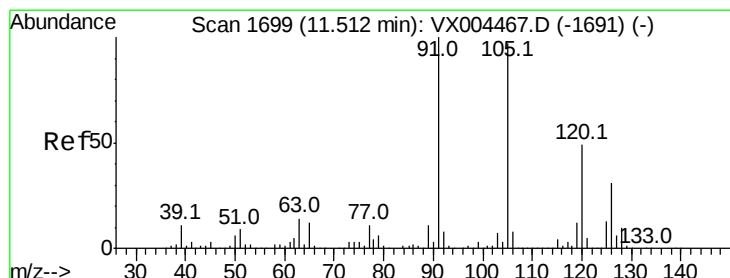
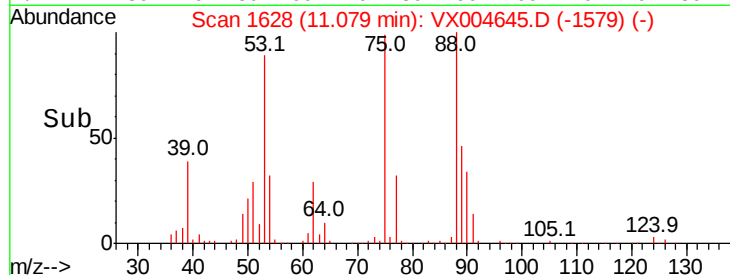
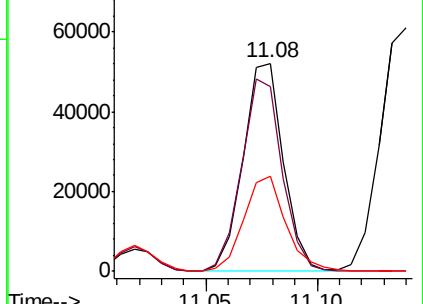
89 48.0 37.2 55.8



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: 45.021 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004645.D

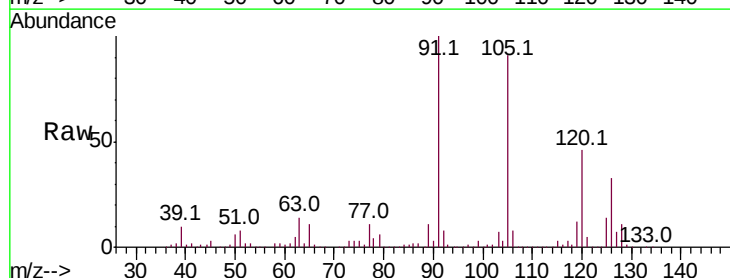
Acq: 18 Sep 2018 09:07

Tgt Ion: 91 Resp: 570553

Ion Ratio Lower Upper

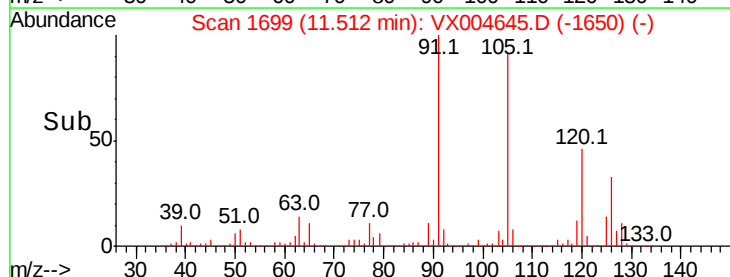
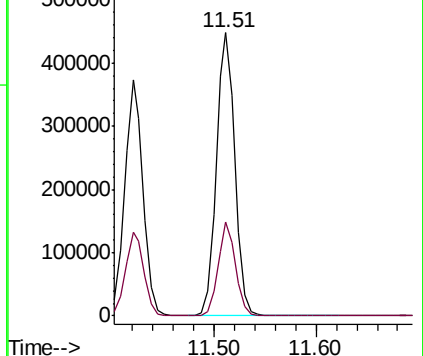
91 100

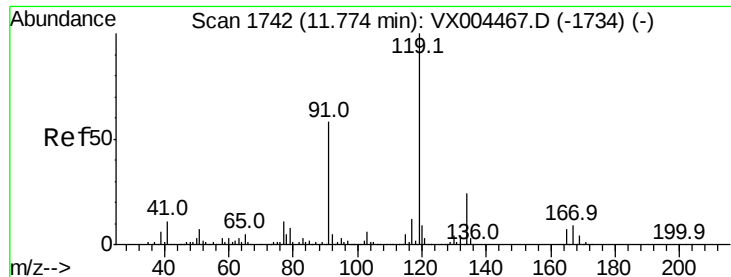
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

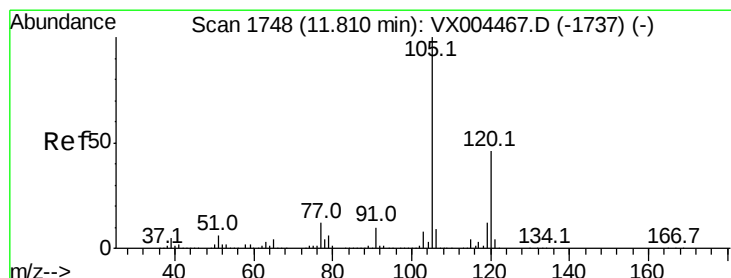
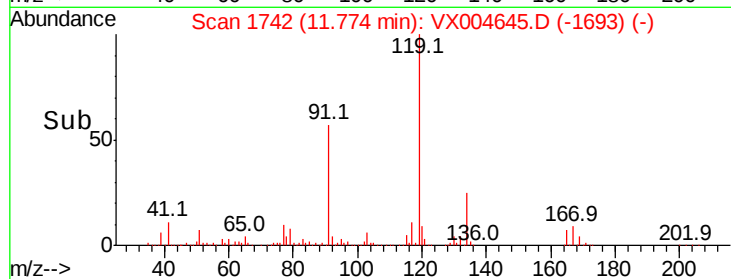
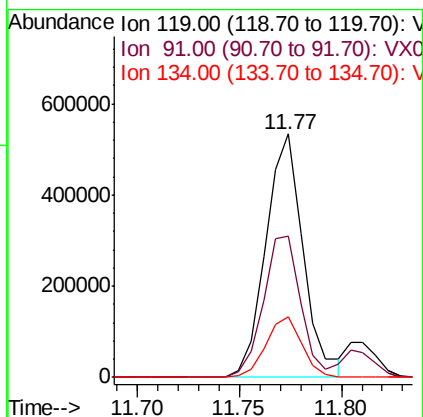
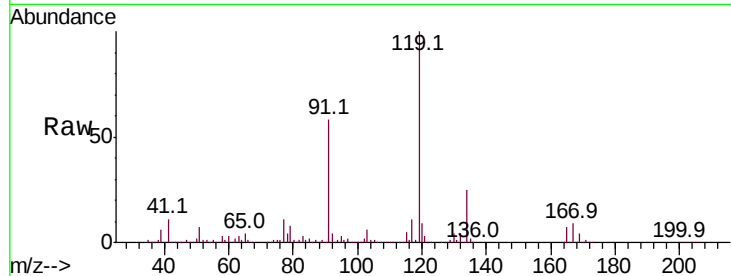




#83
tert-Butylbenzene
Concen: 54.629 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

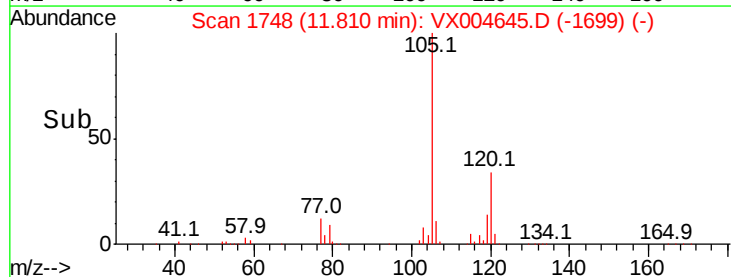
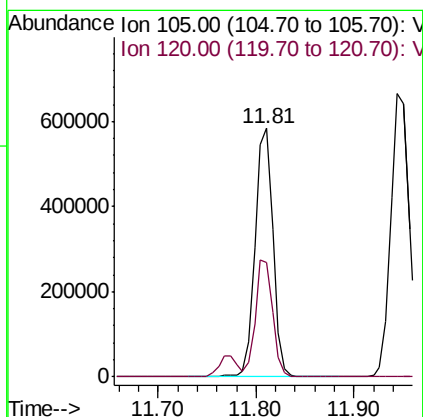
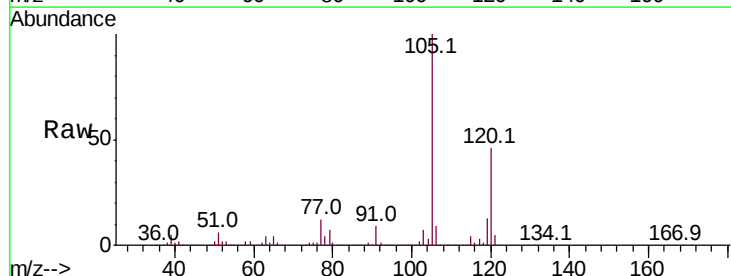
Instrument :
MSVOA_X
ClientSampleId :

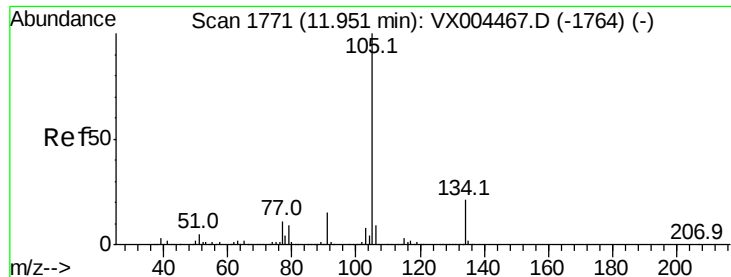
Tot Ion:119 Resp: 680776
Ion Ratio Lower Upper
119 100
91 57.8 27.0 81.0
134 24.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 55.213 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:105 Resp: 737895
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.539 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

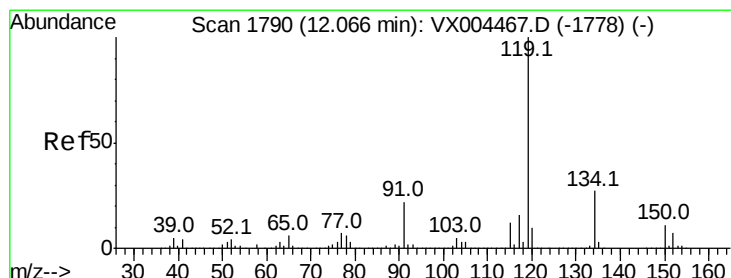
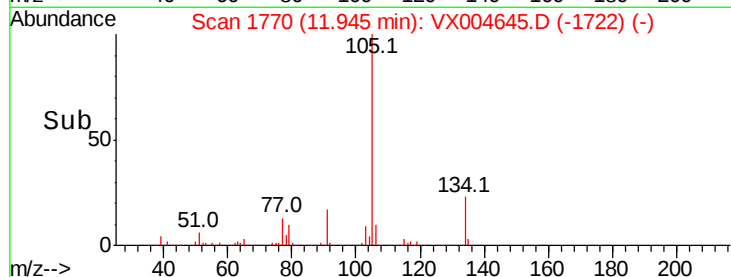
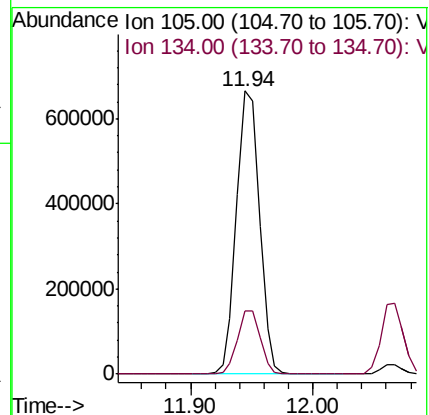
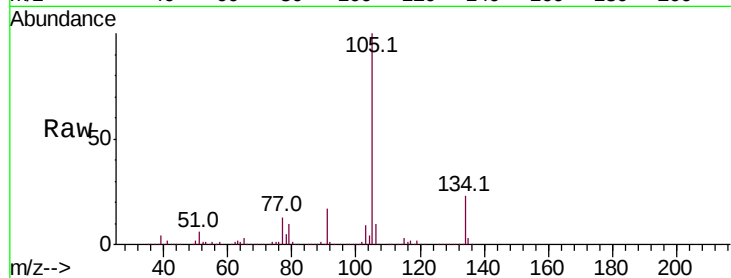
ClientSampleId :

Tot Ion:105 Resp: 866105

Ion Ratio Lower Upper

105 100

134 22.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 57.440 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

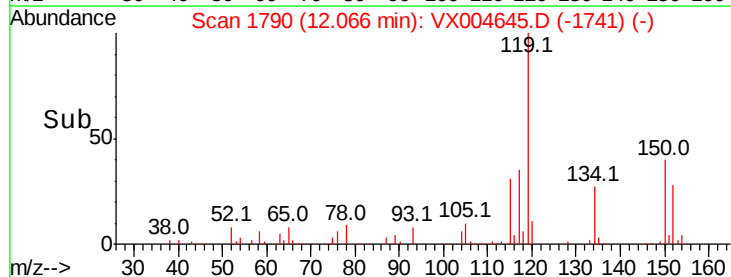
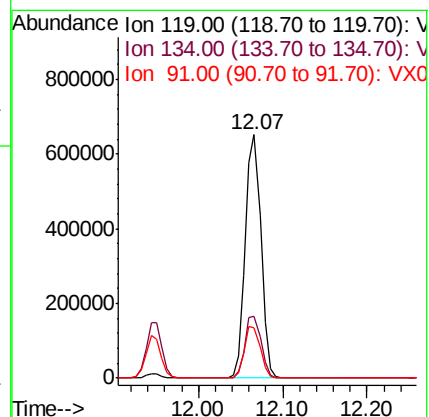
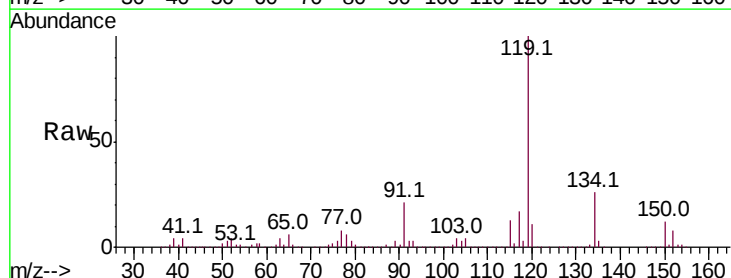
Tgt Ion:119 Resp: 805505

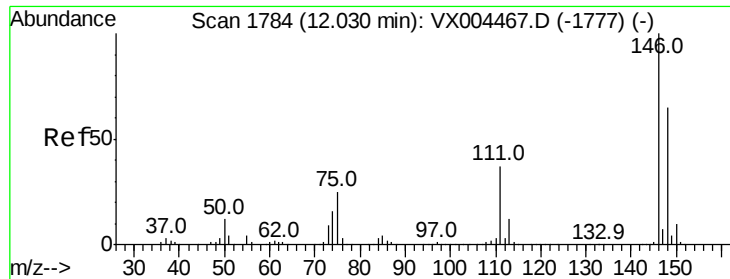
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 21.8 10.9 32.7

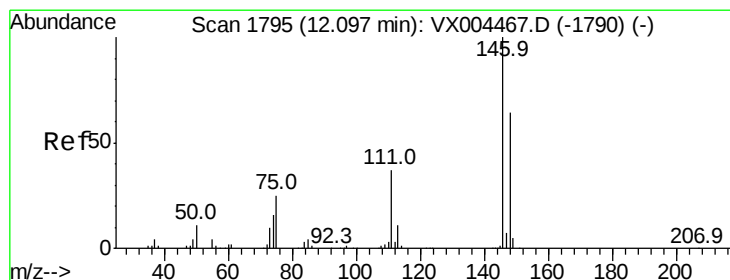
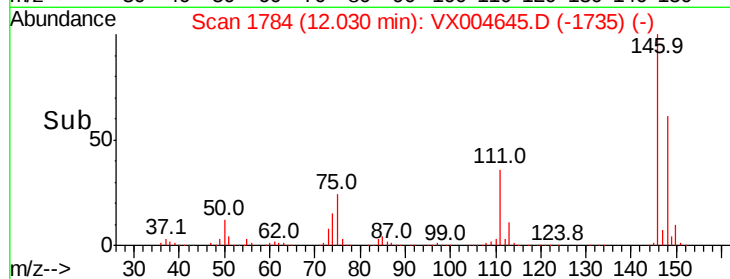
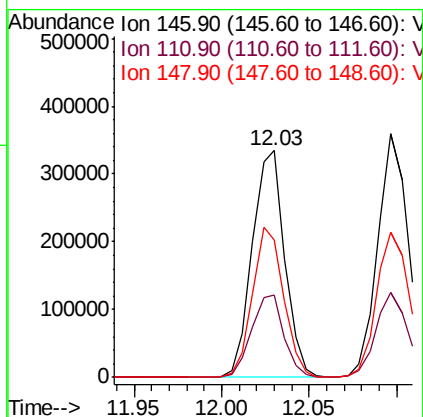
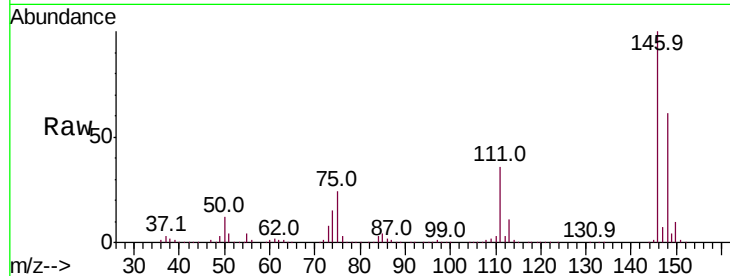




#87
 1,3-Dichlorobenzene
 Concen: 53.622 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

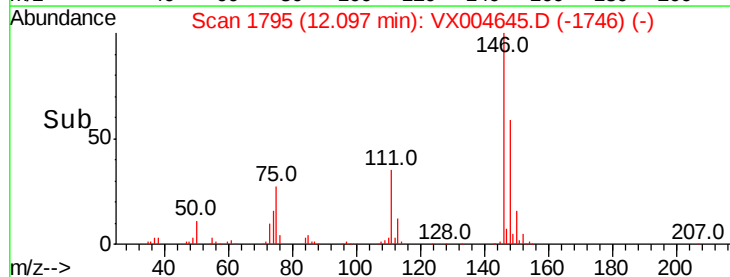
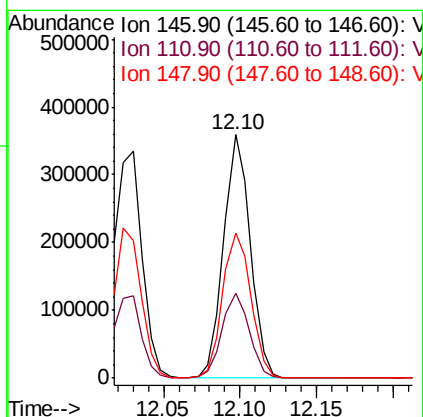
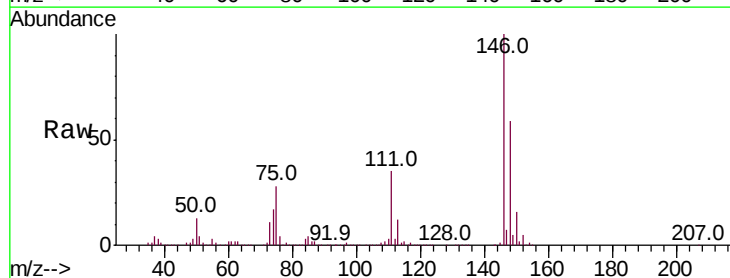
Instrument :
 MSVOA_X
 ClientSampled :

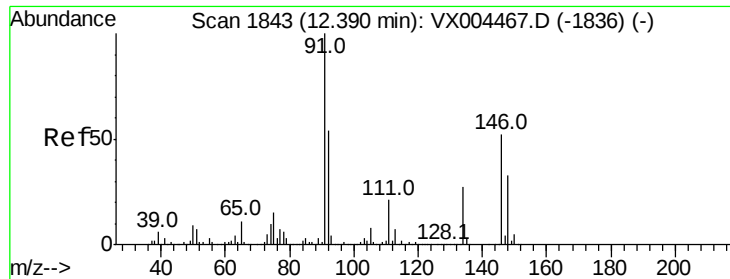
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	63.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.388 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	63.2	32.0	96.0

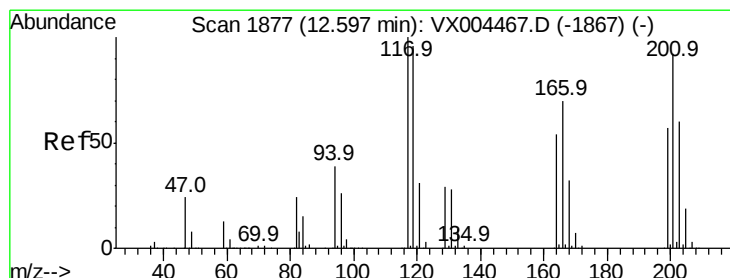
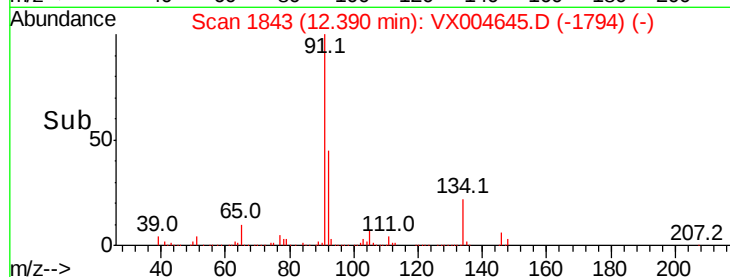
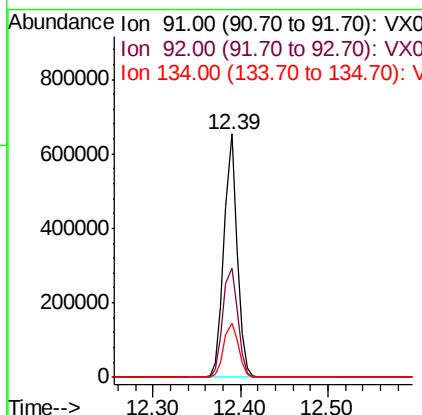
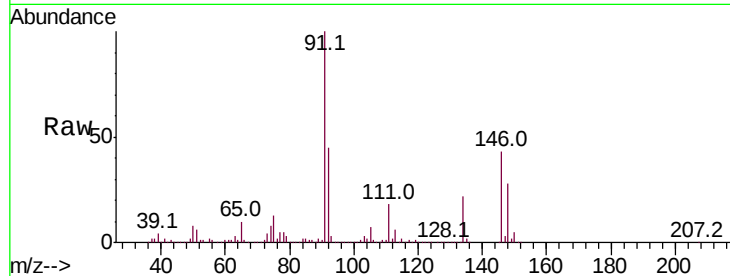




#89
n-Butylbenzene
Concen: 52.507 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

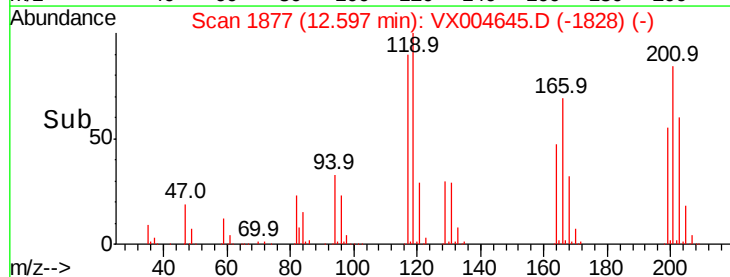
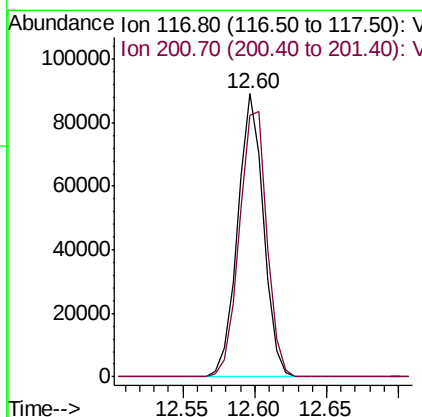
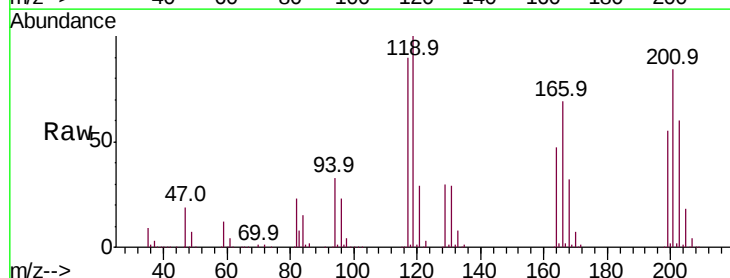
Instrument :
MSVOA_X
ClientSampled :

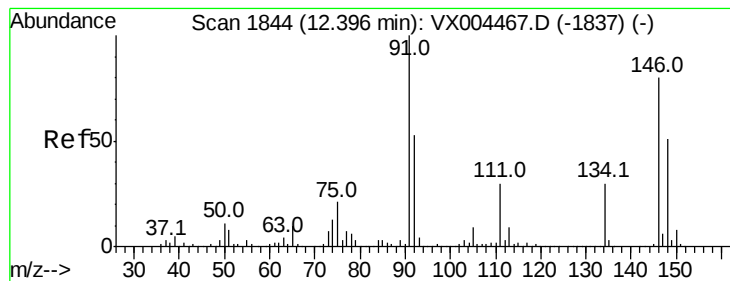
Tot Ion: 91 Resp: 670990
Ion Ratio Lower Upper
91 100
92 51.0 27.3 81.9
134 24.8 13.6 40.7



#90
Hexachloroethane
Concen: 49.441 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 117 Resp: 110994
Ion Ratio Lower Upper
117 100
201 99.7 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 45.657 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

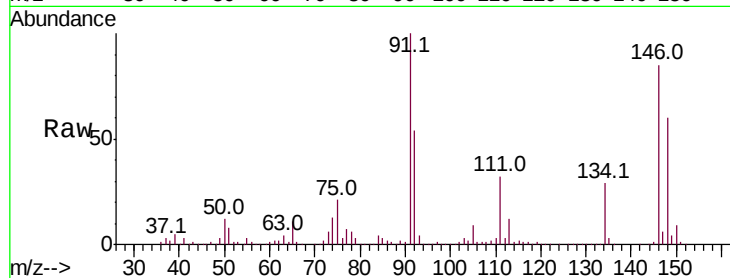
Tot Ion:146 Resp: 371074

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.1

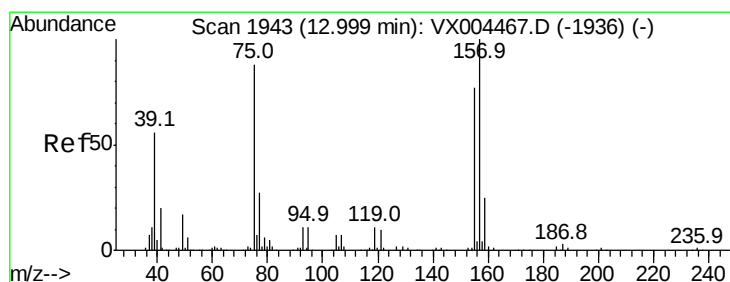
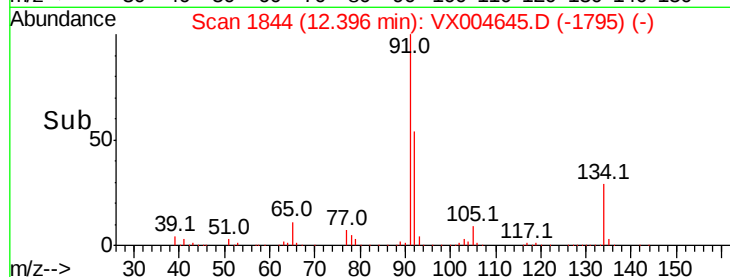
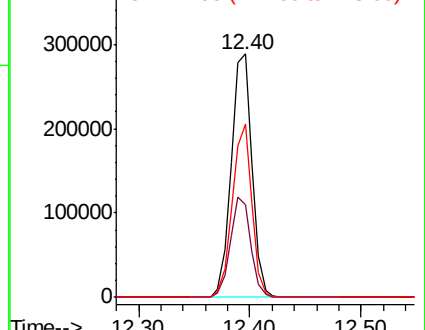
148 66.9 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.634 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

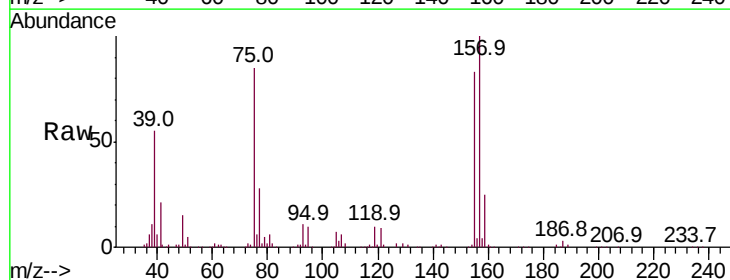
Tgt Ion: 75 Resp: 53228

Ion Ratio Lower Upper

75 100

155 100.4 48.0 144.2

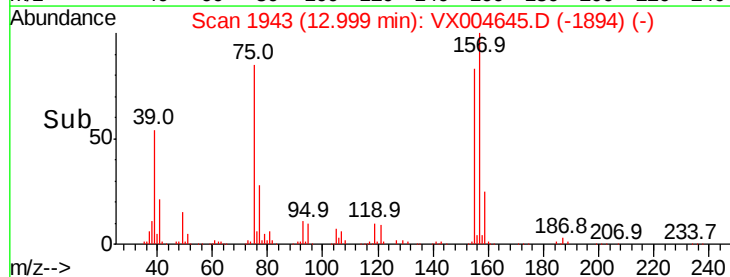
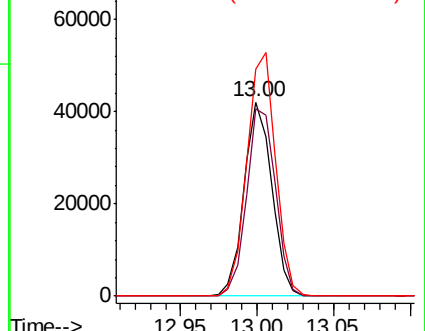
157 129.4 61.4 184.1

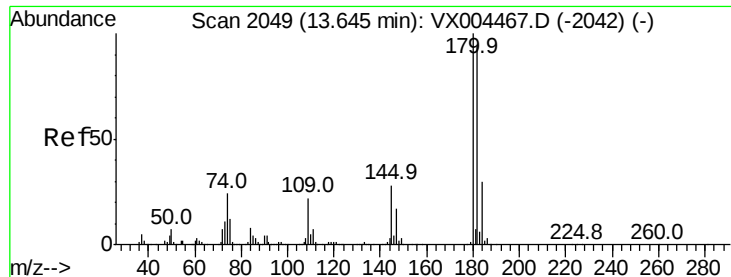


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

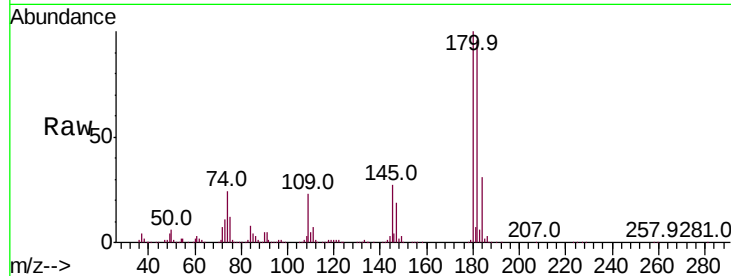




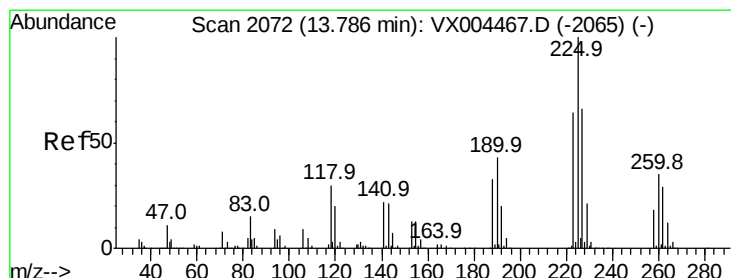
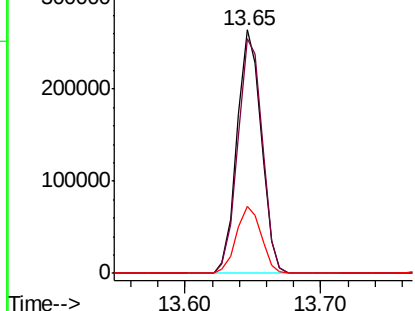
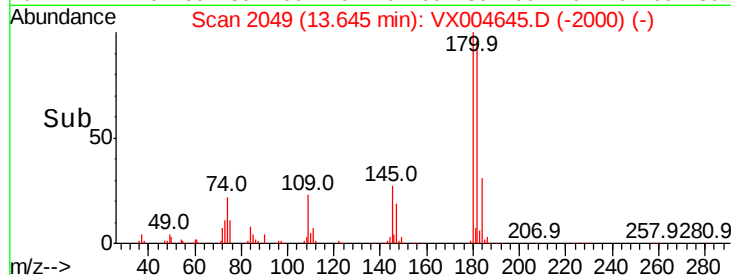
#93
 1,2,4-Trichlorobenzene
 Concen: 56.954 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.4	145.0
145	28.2	14.3	42.9

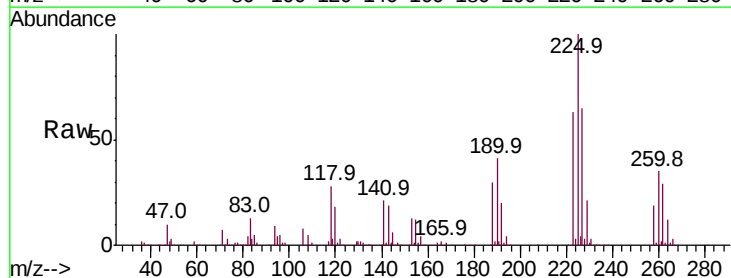


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

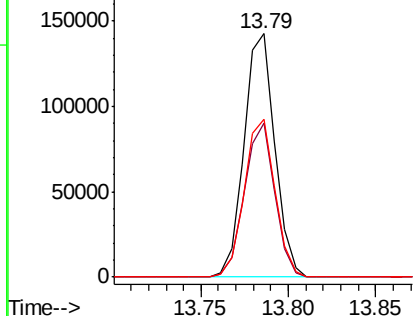
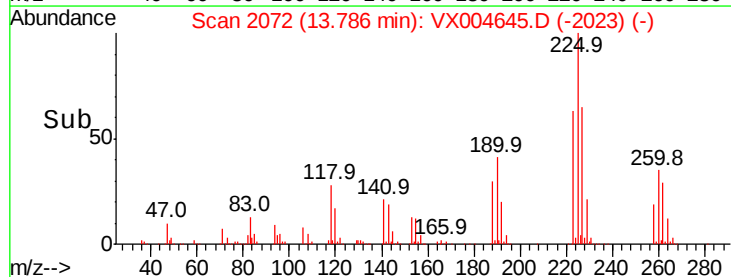


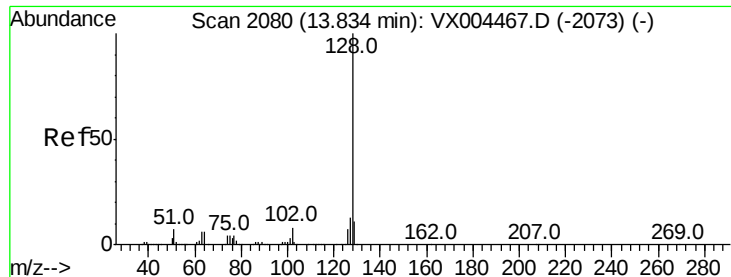
#94
 Hexachlorobutadiene
 Concen: 57.852 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.1	90.5
227	64.6	30.8	92.4



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

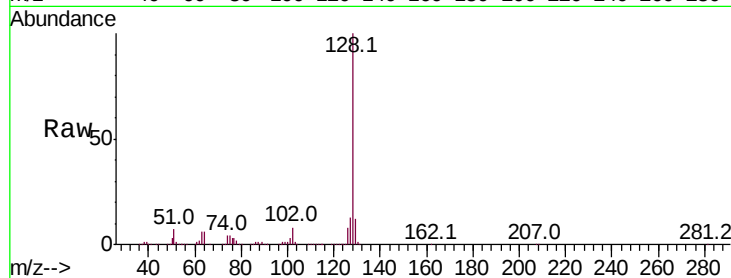




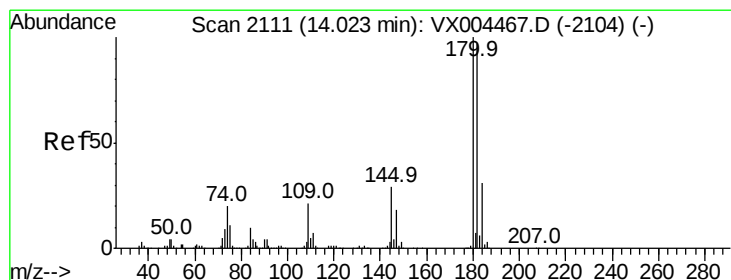
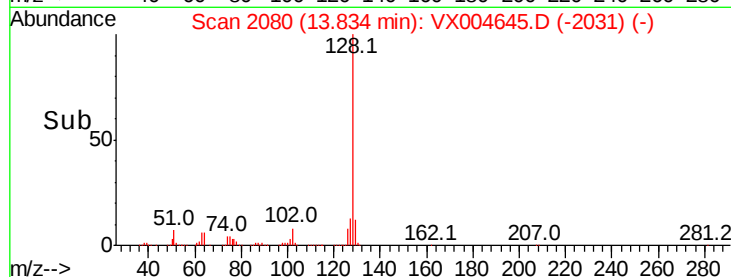
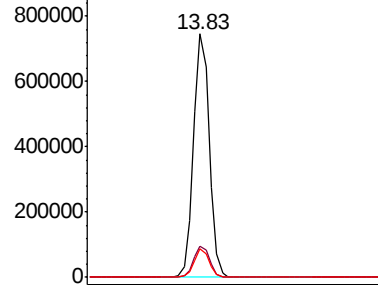
#95
Naphthalene
Concen: 56.235 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.6	12.8

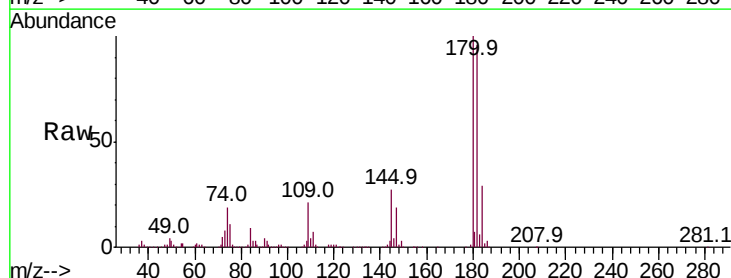


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.208 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.5	145.6
145	28.5	14.9	44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

