

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004266.D
 Acq On : 27 Aug 2018 17:36
 Operator : JC/MD
 Sample : VX0827MBSD02
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

Quant Time: Aug 28 01:05:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	304064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	199938	50.45	ug/l	0.00
Spiked Amount						
			Recovery	=	100.90%	
35) Dibromofluoromethane	5.49	113	167472	50.29	ug/l	0.00
Spiked Amount						
			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	613686	48.82	ug/l	0.00
Spiked Amount						
			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.14	95	236686	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60235	17.10	ug/l	98
3) Chloromethane	1.32	50	74144	19.23	ug/l	99
4) Vinyl Chloride	1.40	62	71842	18.03	ug/l	100
5) Bromomethane	1.64	94	38035	18.07	ug/l	97
6) Chloroethane	1.72	64	49446	16.84	ug/l	98
7) Trichlorofluoromethane	1.93	101	93164	17.06	ug/l	95
8) Diethyl Ether	2.18	74	49114	21.01	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57144	16.71	ug/l	99
10) Methyl Iodide	2.51	142	39735	13.68	ug/l	98
11) Tert butyl alcohol	3.06	59	96539	114.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57570	17.87	ug/l	95
13) Acrolein	2.29	56	20068	98.53	ug/l	96
14) Allyl chloride	2.73	41	113159	19.12	ug/l	99
15) Acrylonitrile	3.15	53	216816	103.63	ug/l	100
16) Acetone	2.44	43	188117	111.82	ug/l	99
17) Carbon Disulfide	2.57	76	139636	16.16	ug/l	99
18) Methyl Acetate	2.78	43	138898	23.62	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228921	21.56	ug/l	99
20) Methylene Chloride	2.86	84	74407	19.50	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	64627	18.13	ug/l	98
22) Diisopropyl ether	3.87	45	229454	20.77	ug/l	98
23) Vinyl Acetate	3.82	43	928161	103.64	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124939	19.40	ug/l	99
25) 2-Butanone	4.70	43	291911	108.31	ug/l	99
26) 2,2-Dichloropropane	4.58	77	95618	18.93	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	78523	19.42	ug/l	99
28) Bromochloromethane	5.01	49	58161	20.40	ug/l	99
29) Tetrahydrofuran	5.16	42	183429	107.73	ug/l	98
30) Chloroform	5.21	83	124505	19.28	ug/l	99
31) Cyclohexane	5.57	56	91239	16.42	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	97715	18.15	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88618	17.61	ug/l	98
37) Ethyl Acetate	4.85	43	105061	21.23	ug/l	99
38) Carbon Tetrachloride	5.78	117	80729	17.05	ug/l	98

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 ClientSampleId :
 VX0827MBSD01

Quant Time: Aug 28 01:05:14 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87343	15.20	ug/l	99
40) Benzene	6.14	78	289528	19.25	ug/l	100
41) Methacrylonitrile	5.06	41	60185	20.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101787	19.84	ug/l	100
43) Isopropyl Acetate	6.46	43	162142	21.32	ug/l	100
44) Trichloroethene	7.21	130	77558	18.63	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73695	19.58	ug/l	100
46) Dibromomethane	7.66	93	48781	19.47	ug/l	99
47) Bromodichloromethane	7.90	83	87268	18.72	ug/l	100
48) Methyl methacrylate	7.77	41	83558	20.53	ug/l	98
49) 1,4-Dioxane	7.76	88	39346	425.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	554758	100.39	ug/l	99
52) Toluene	8.78	92	183710	19.52	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100727	19.56	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	111777	19.92	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	78177	20.57	ug/l	97
56) Ethyl methacrylate	9.18	69	108535	20.98	ug/l	99
57) 1,3-Dichloropropane	9.37	76	130574	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	293932	110.90	ug/l	100
59) 2-Hexanone	9.49	43	427725	101.46	ug/l	99
60) Dibromochloromethane	9.59	129	70284	18.98	ug/l	100
61) 1,2-Dibromoethane	9.67	107	80119	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	74070	17.49	ug/l	98
65) Chlorobenzene	10.14	112	207842	19.32	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	71562	19.29	ug/l	99
67) Ethyl Benzene	10.25	91	330283	18.91	ug/l	99
68) m/p-Xylenes	10.36	106	267880	39.22	ug/l	98
69) o-Xylene	10.70	106	127541	19.74	ug/l	100
70) Styrene	10.71	104	211761	20.24	ug/l	99
71) Bromoform	10.86	173	53180	17.78	ug/l #	98
73) Isopropylbenzene	11.02	105	331306	19.58	ug/l	100
74) N-amyl acetate	10.90	43	133433	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	119681	20.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	135540	25.87	ug/l	86
77) Bromobenzene	11.26	156	95036	20.03	ug/l	98
78) n-propylbenzene	11.36	91	376132	19.33	ug/l	100
79) 2-Chlorotoluene	11.42	91	235130	19.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267981	19.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32018	19.83	ug/l	97
82) 4-Chlorotoluene	11.51	91	273536	19.41	ug/l	99
83) tert-Butylbenzene	11.77	119	268211	19.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	289486	20.13	ug/l	100
85) sec-Butylbenzene	11.94	105	308193	18.42	ug/l	99
86) p-Isopropyltoluene	12.07	119	283154	18.88	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173412	19.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	179332	19.04	ug/l	98
89) n-Butylbenzene	12.39	91	219585	18.01	ug/l	98
90) Hexachloroethane	12.60	117	35726	17.04	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	164493	20.14	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21001	20.14	ug/l	97

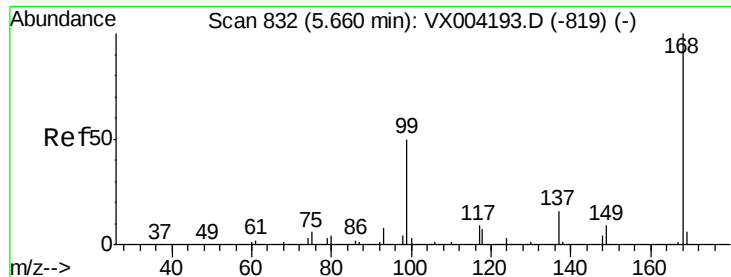
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Instrument :
MSVOA_X
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Quant Time: Aug 28 01:05:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110696	18.63	ug/l	98
94) Hexachlorobutadiene	13.79	225	42918	15.43	ug/l	96
95) Naphthalene	13.83	128	376882	22.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125340	19.93	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

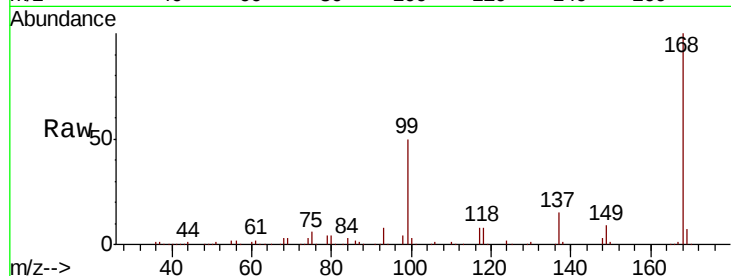
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

Tot Ion:168 Resp: 304064

Ion Ratio Lower Upper

168 100

99 49.6 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

120000

100000

80000

60000

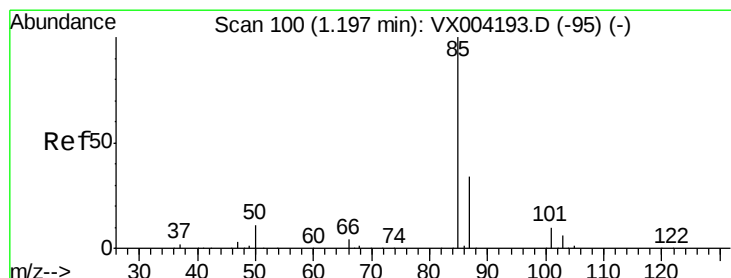
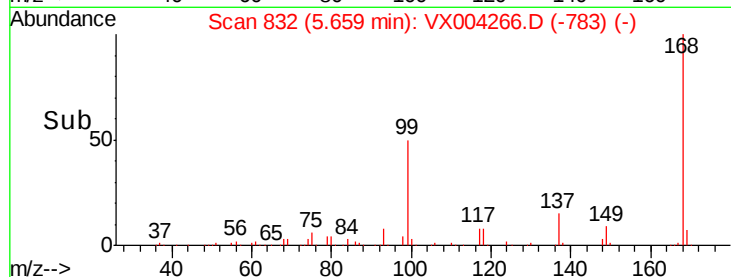
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.10 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004266.D

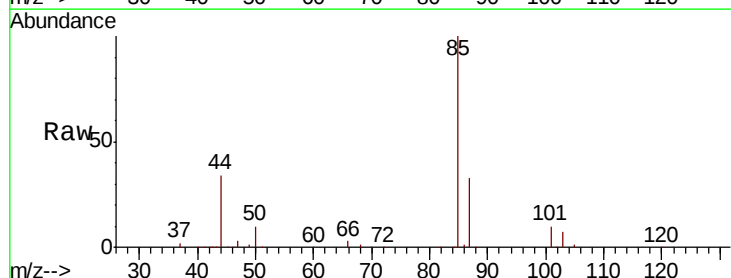
Acq: 27 Aug 2018 17:36

Tgt Ion: 85 Resp: 60235

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

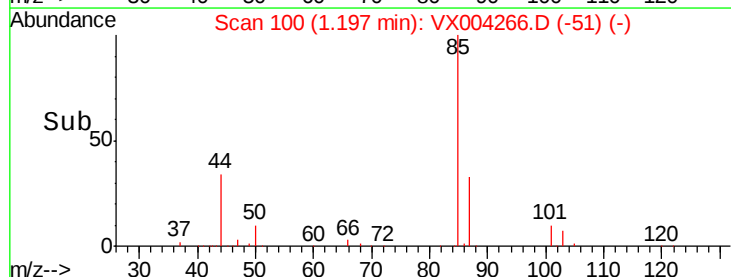
20000

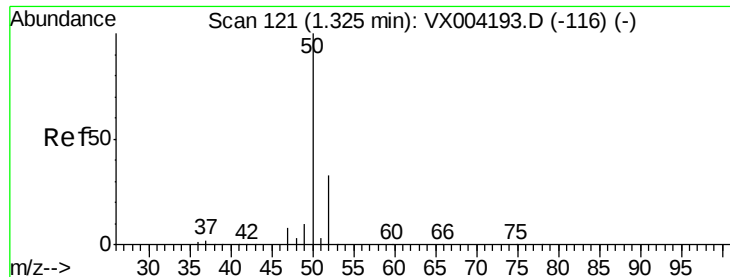
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

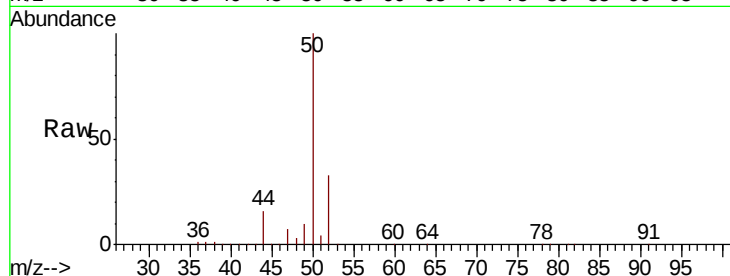
VX0827MBSD01

Tot Ion: 50 Resp: 74144

Ion Ratio Lower Upper

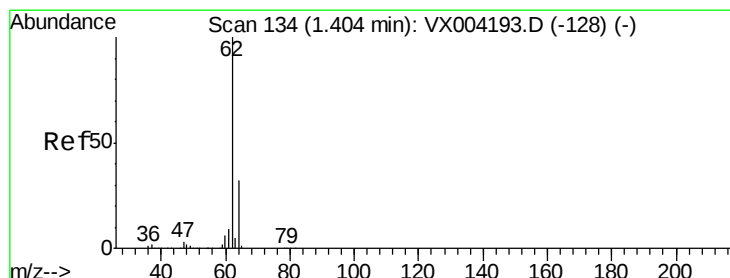
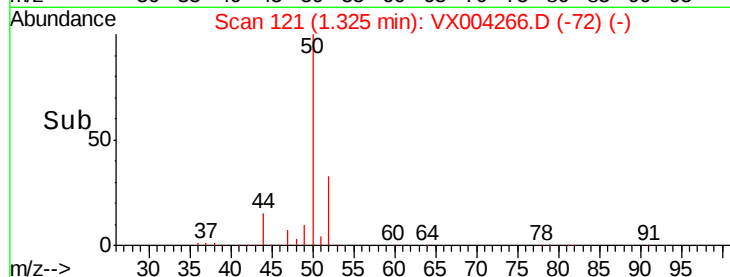
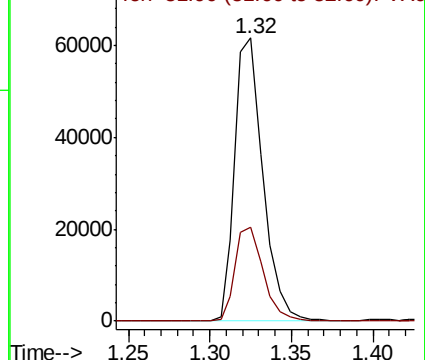
50 100

52 33.3 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: 18.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004266.D

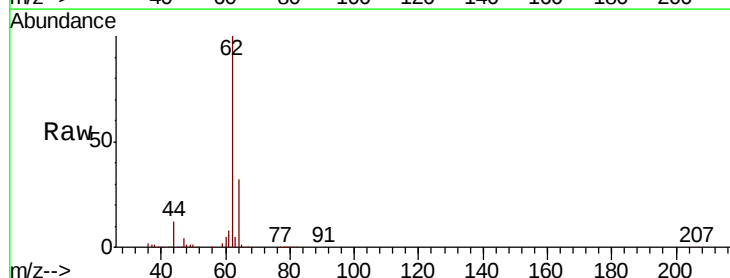
Acq: 27 Aug 2018 17:36

Tgt Ion: 62 Resp: 71842

Ion Ratio Lower Upper

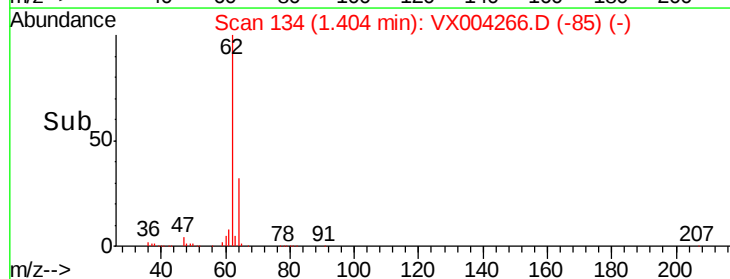
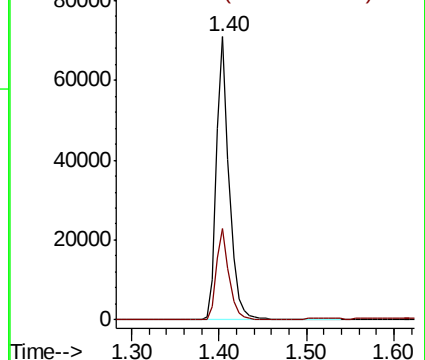
62 100

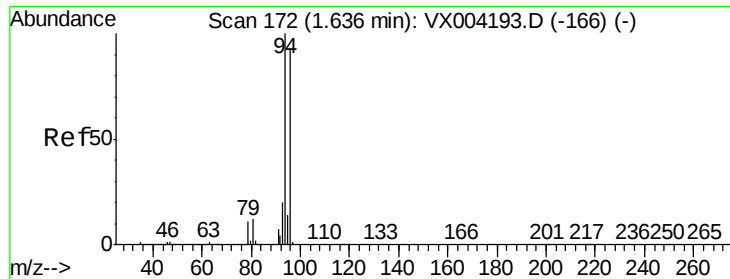
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.07 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

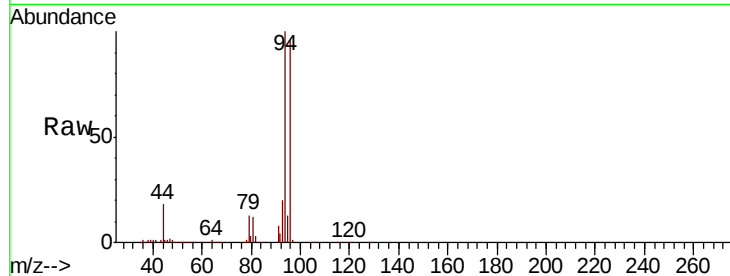
VX0827MBSD01

Tot Ion: 94 Resp: 38035

Ion Ratio Lower Upper

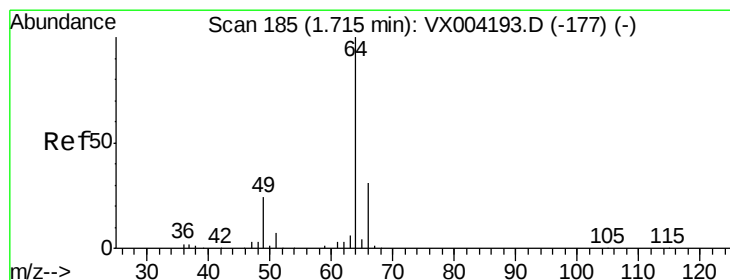
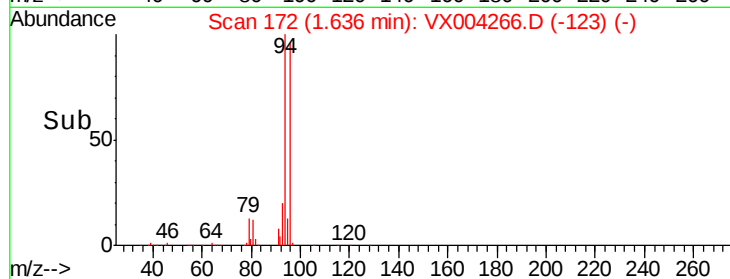
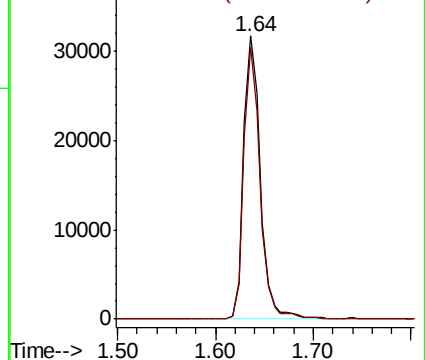
94 100

96 95.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.84 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004266.D

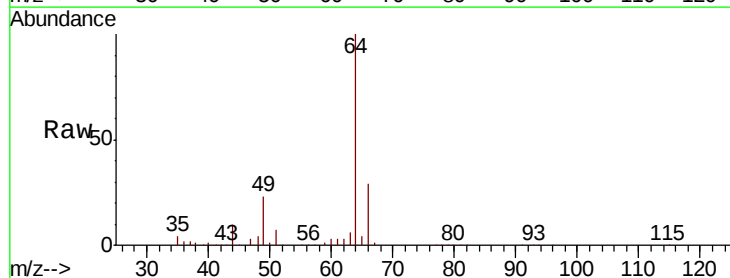
Acq: 27 Aug 2018 17:36

Tgt Ion: 64 Resp: 49446

Ion Ratio Lower Upper

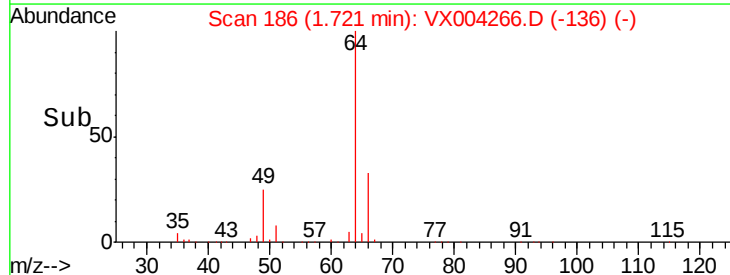
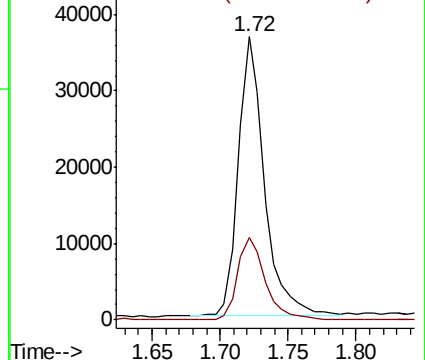
64 100

66 29.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



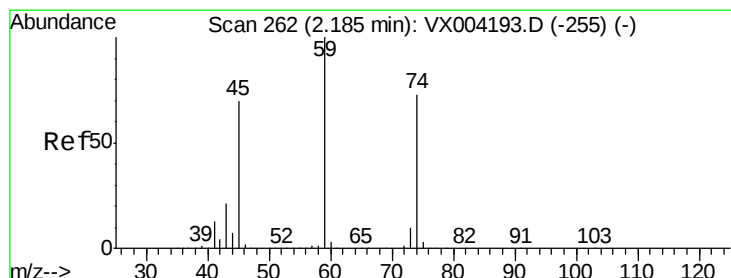
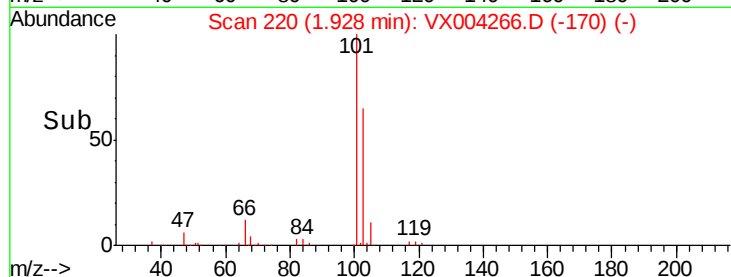
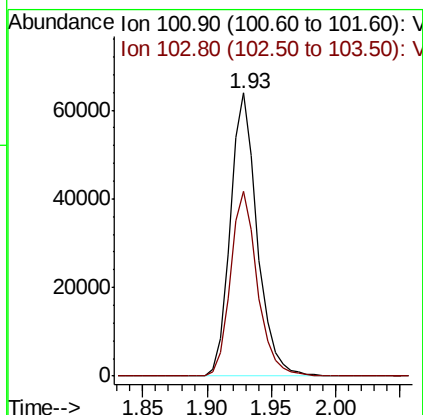
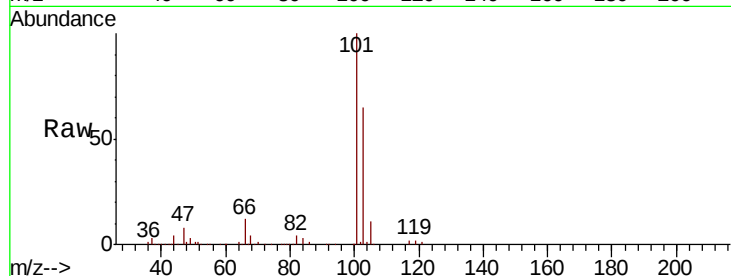


#7

Trichlorofluoromethane
 Concen: 17.06 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

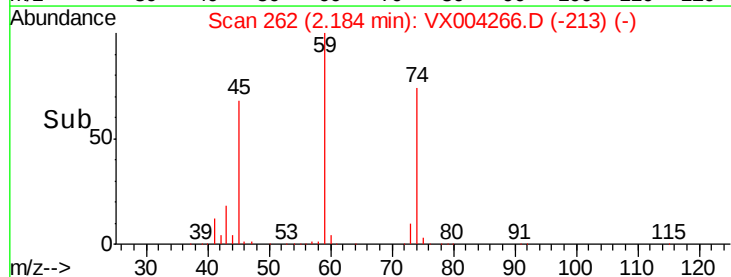
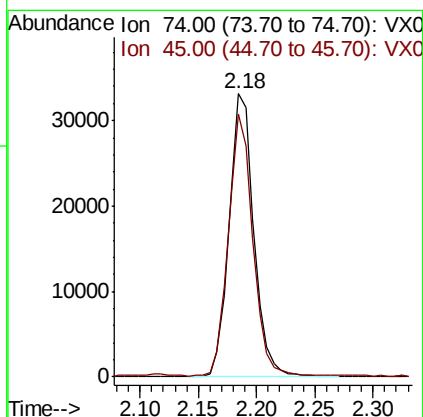
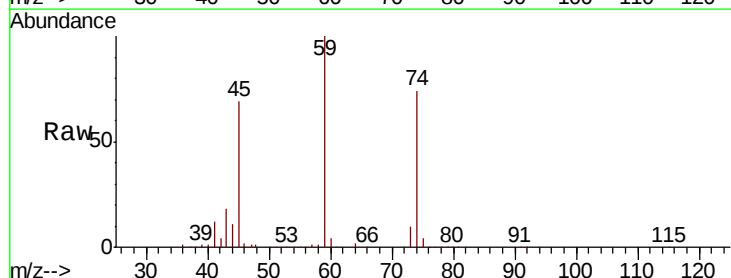
Tot Ion:101 Resp: 93164
 Ion Ratio Lower Upper
 101 100
 103 65.2 48.9 73.3

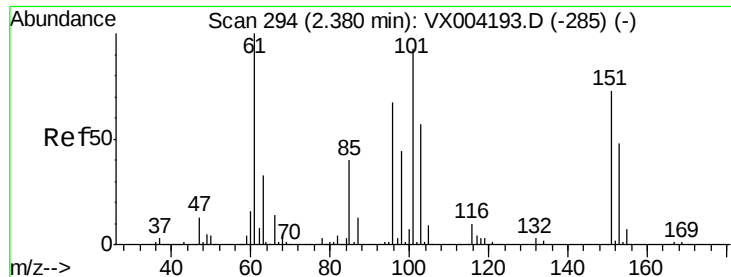


#8

Diethyl Ether
 Concen: 21.01 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion: 74 Resp: 49114
 Ion Ratio Lower Upper
 74 100
 45 90.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.71 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

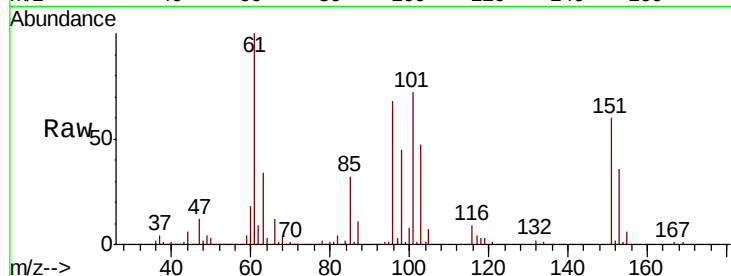
Tot Ion:101 Resp: 57144

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

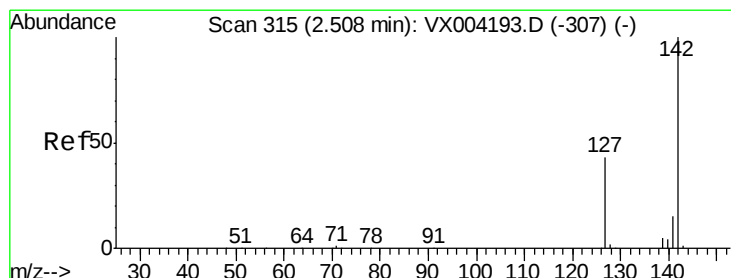
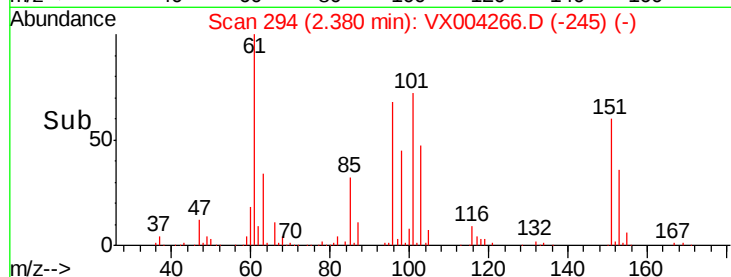
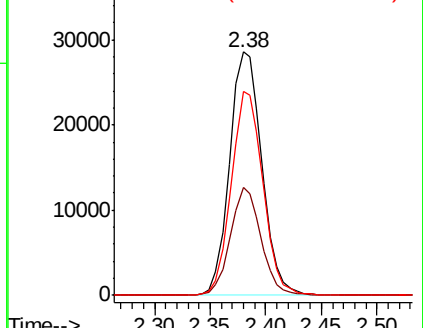
151 82.3 65.0 97.6



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: 13.68 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

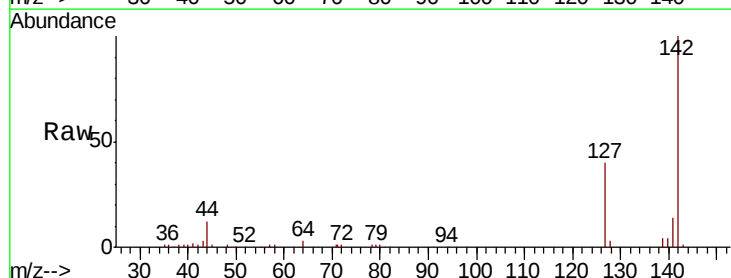
Tgt Ion:142 Resp: 39735

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.6

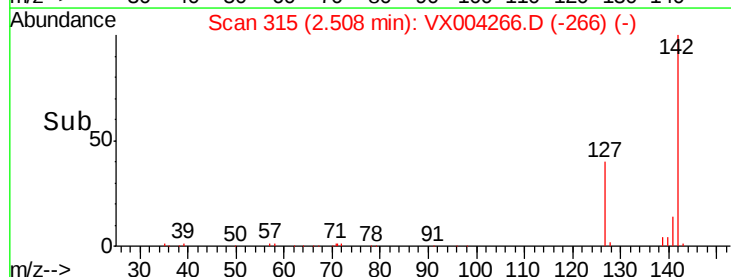
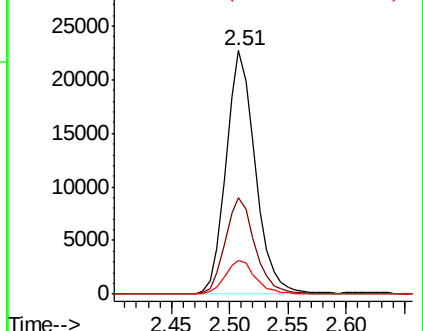
141 14.1 11.4 17.0



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

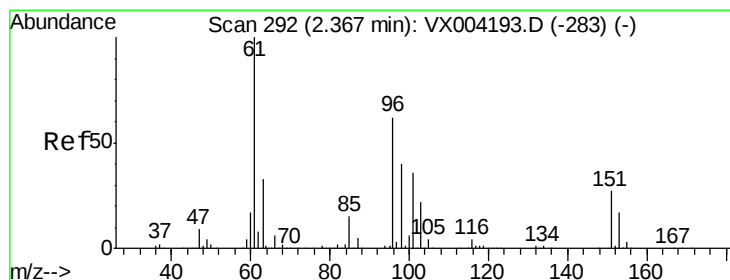
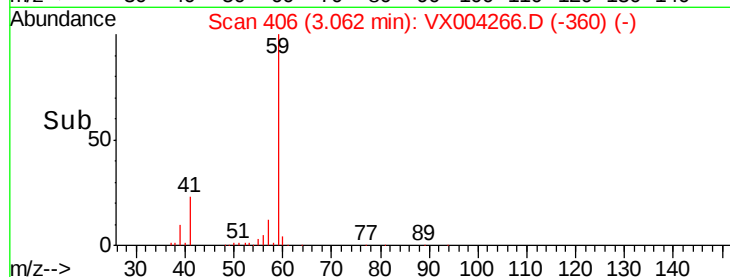
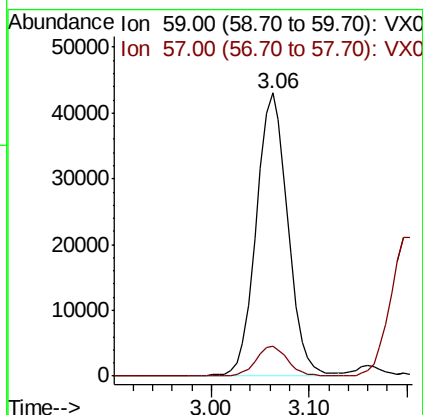
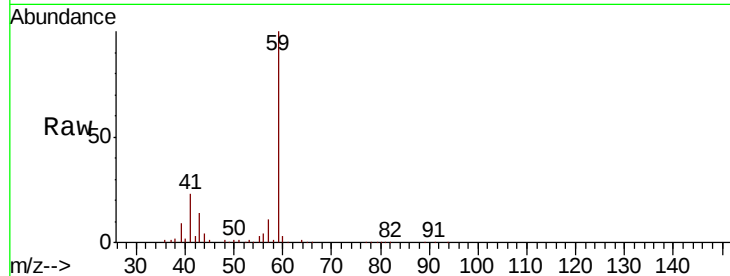




#11
Tert butyl alcohol
Concen: 114.28 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

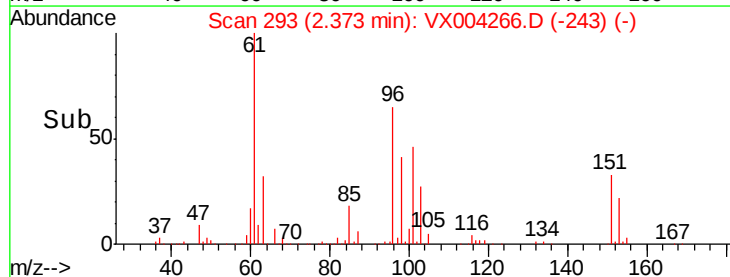
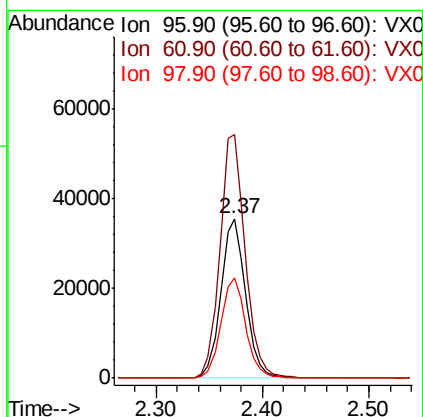
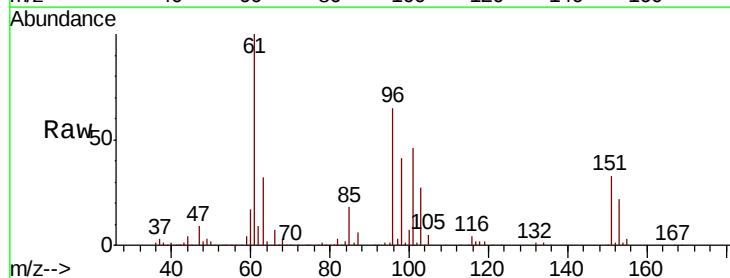
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

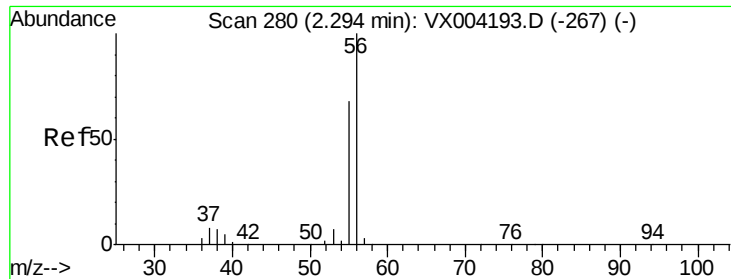
Tot Ion: 59 Resp: 96539
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.87 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 96 Resp: 57570
Ion Ratio Lower Upper
96 100
61 152.7 128.8 193.2
98 63.2 52.2 78.2





#13

Acrolein

Concen: 98.53 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

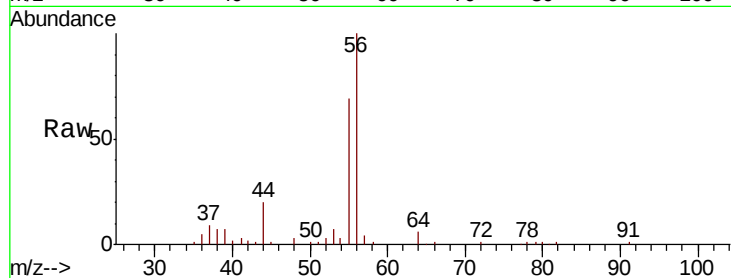
VX0827MBSD01

Tot Ion: 56 Resp: 20068

Ion Ratio Lower Upper

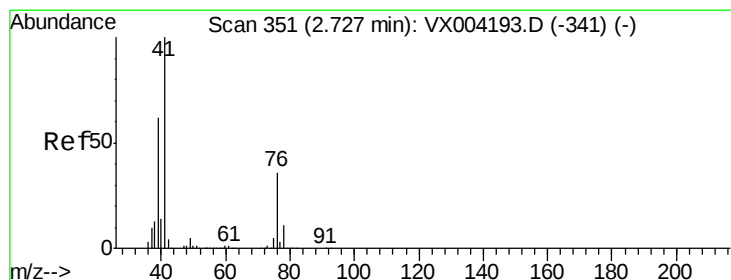
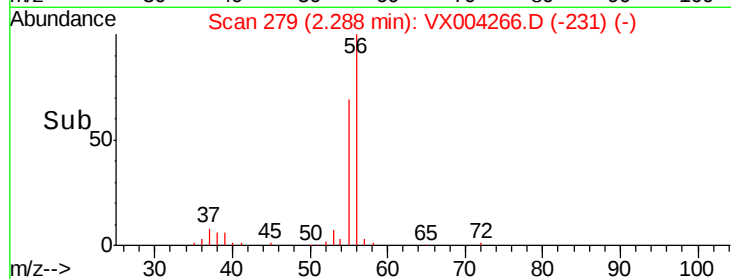
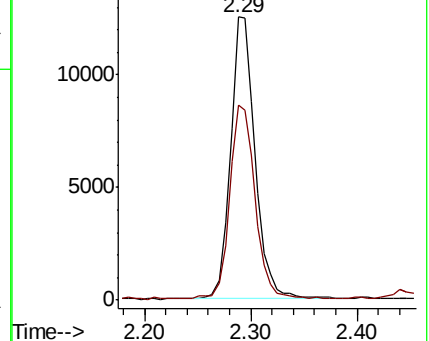
56 100

55 71.8 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

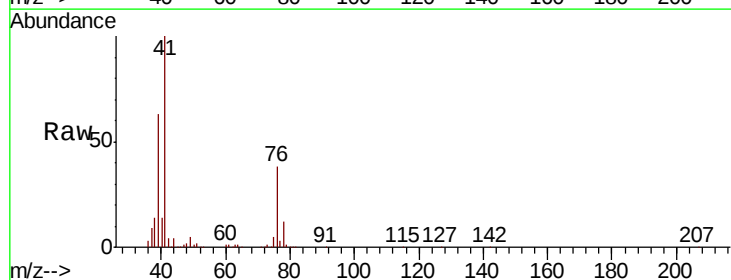
Tgt Ion: 41 Resp: 113159

Ion Ratio Lower Upper

41 100

39 59.6 48.9 73.3

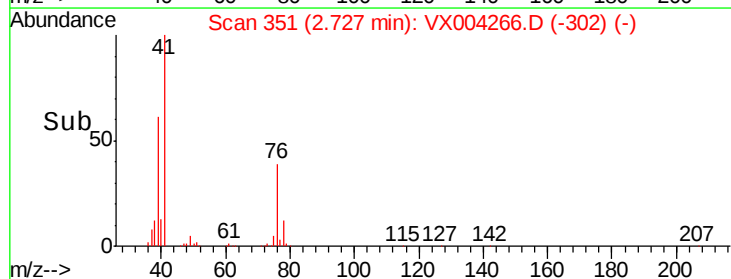
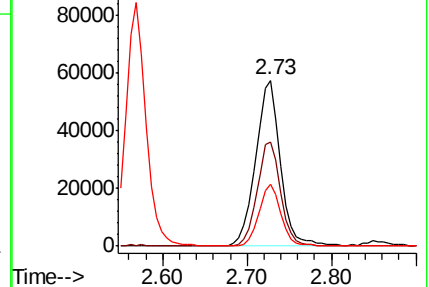
76 33.5 26.7 40.1



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





#15

Acrylonitrile

Concen: 103.63 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

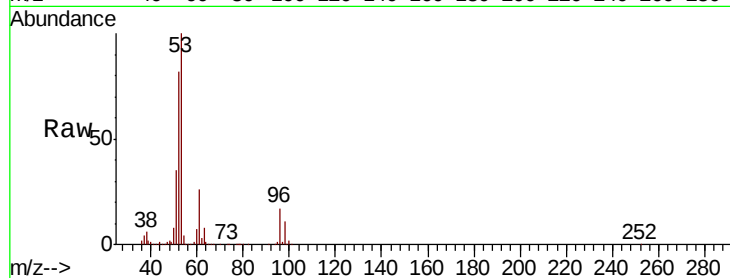
Tot Ion: 53 Resp: 216816

Ion Ratio Lower Upper

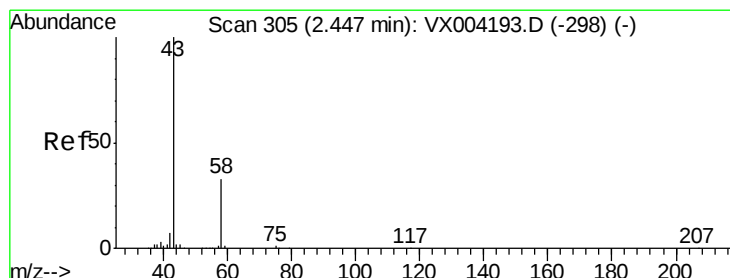
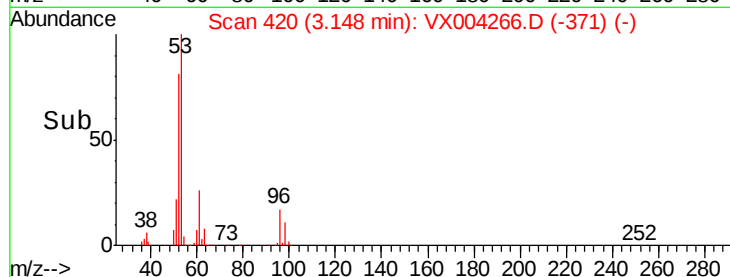
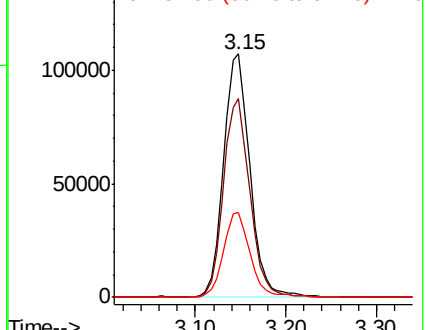
53 100

52 81.6 65.2 97.8

51 35.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 111.82 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004266.D

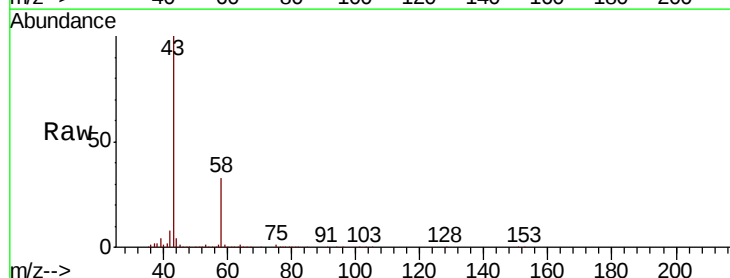
Acq: 27 Aug 2018 17:36

Tgt Ion: 43 Resp: 188117

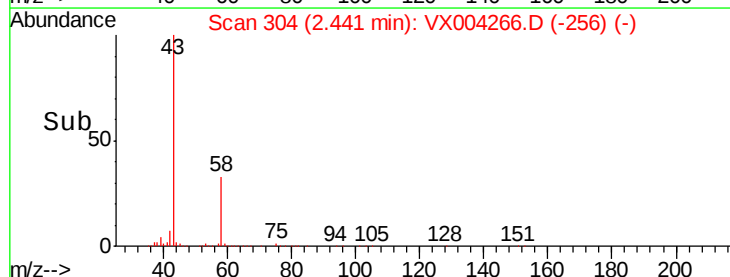
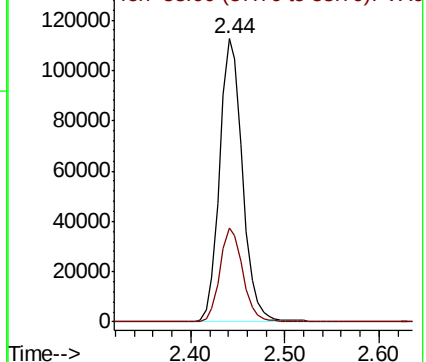
Ion Ratio Lower Upper

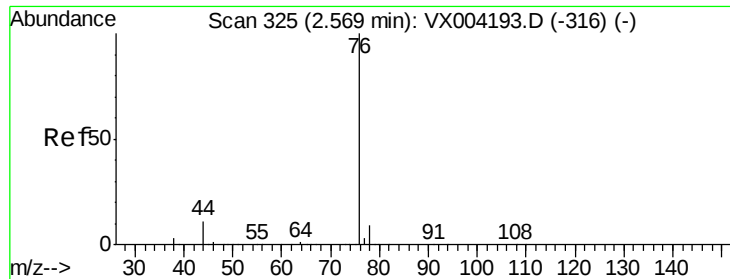
43 100

58 33.3 26.2 39.4



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

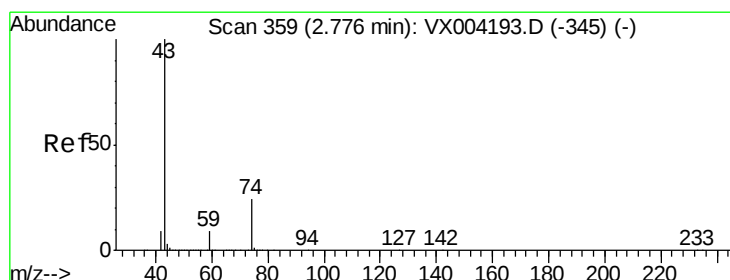
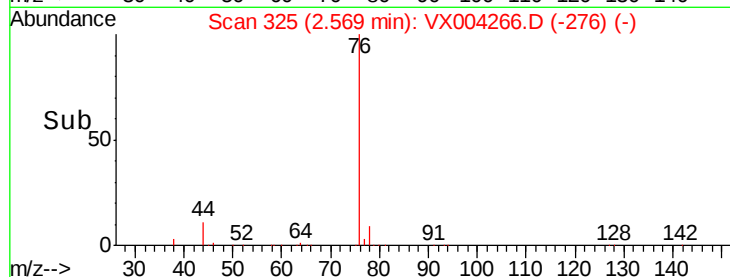
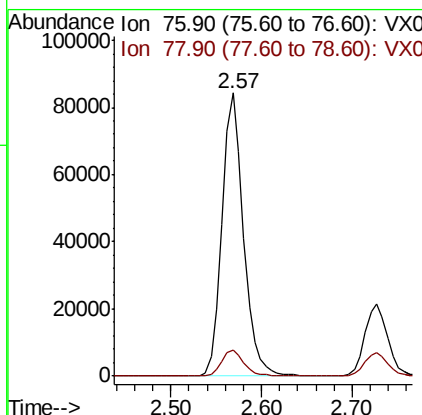
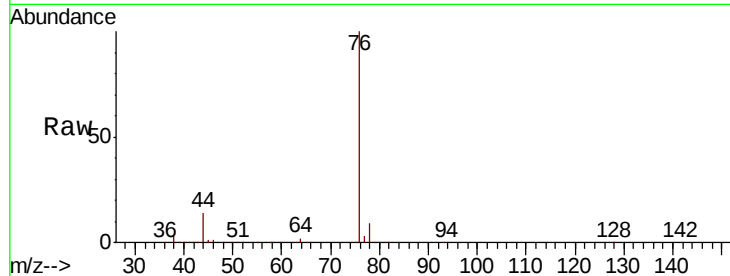




#17
Carbon Disulfide
Concen: 16.16 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

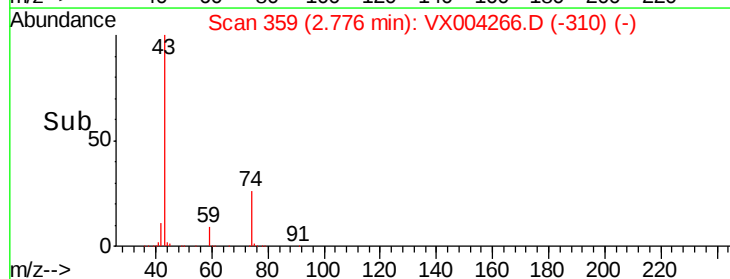
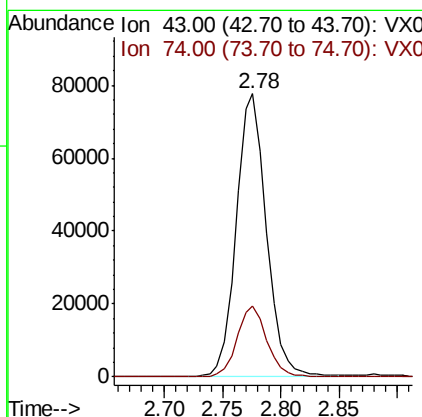
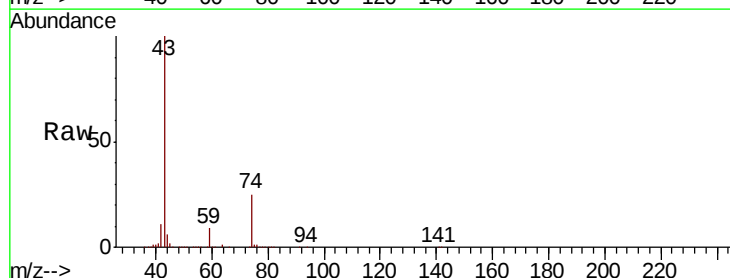
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

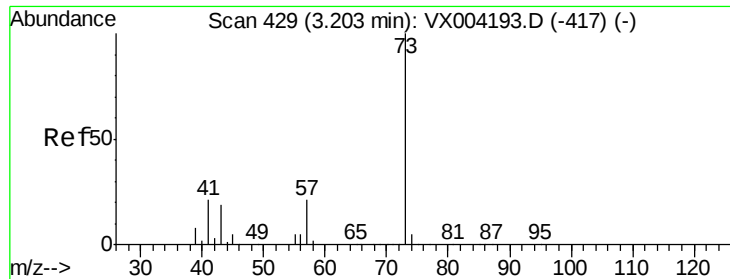
Tot Ion: 76 Resp: 139636
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 23.62 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 43 Resp: 138898
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2

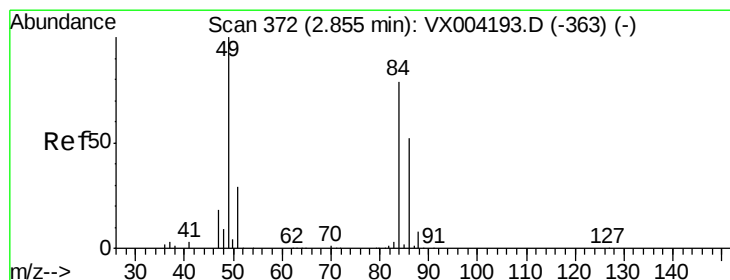
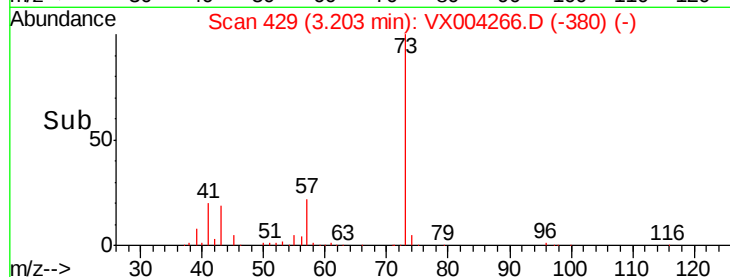
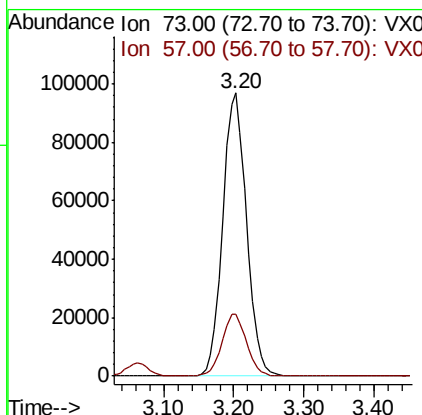
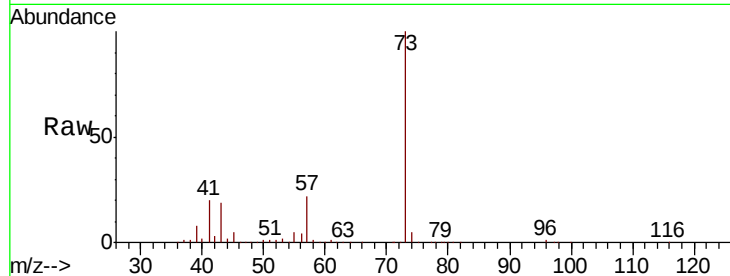




#19
Methyl tert-butyl Ether
Concen: 21.56 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

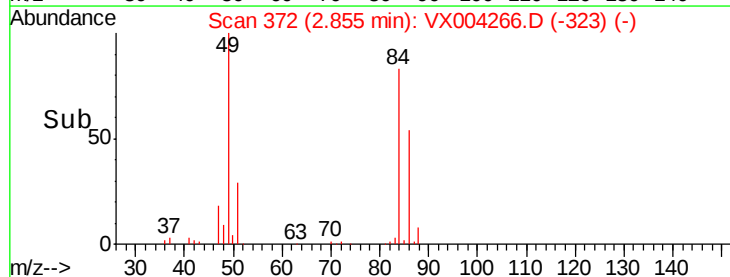
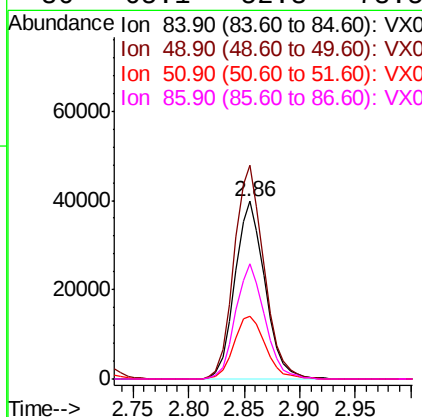
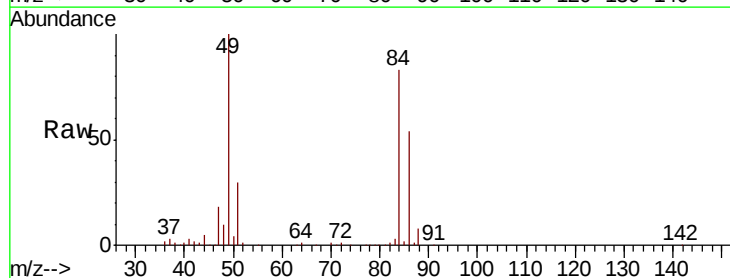
Instrument :
MSVOA_X
ClientSampleID :
VX0827MBSD01

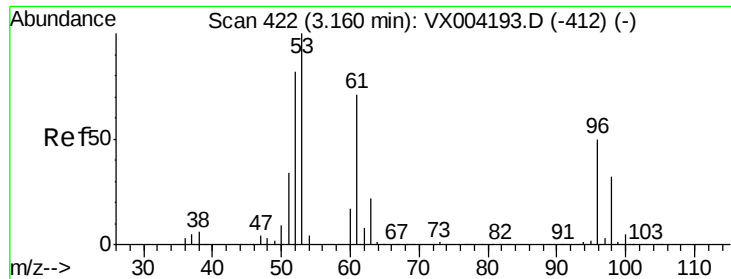
Tot Ion: 73 Resp: 228921
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.50 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 84 Resp: 74407
Ion Ratio Lower Upper
84 100
49 120.3 101.2 151.8
51 35.4 29.5 44.3
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.13 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

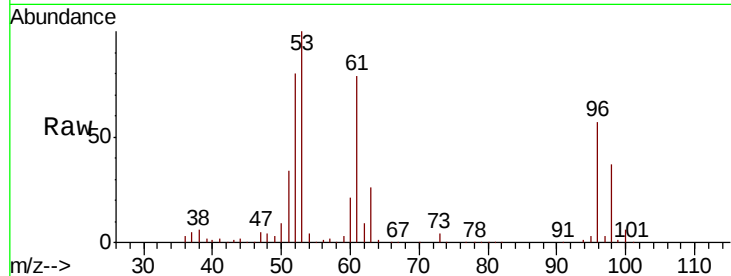
Tot Ion: 96 Resp: 64627

Ion Ratio Lower Upper

96 100

61 139.8 113.8 170.6

98 65.7 51.8 77.8

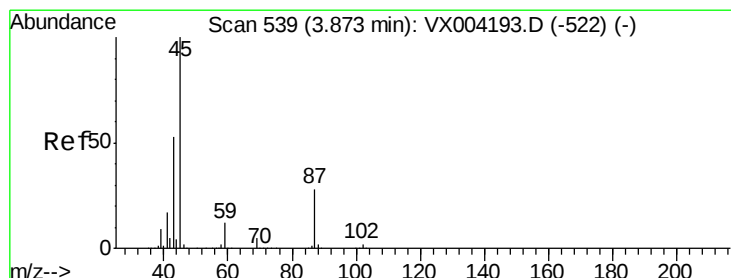
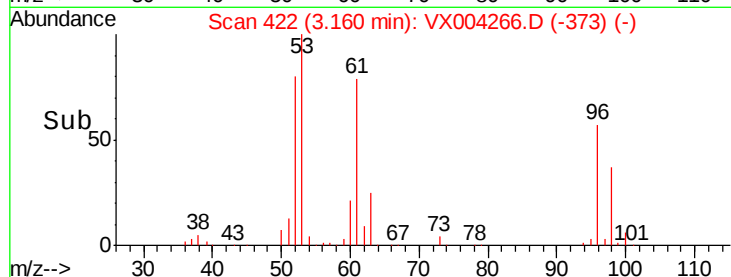
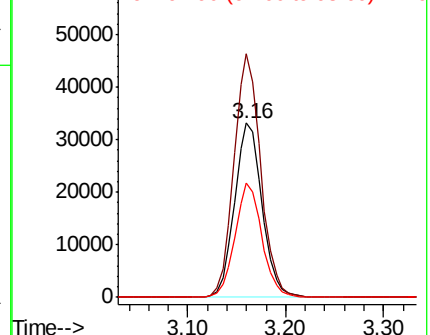


Abundance

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: 20.77 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Tgt Ion: 45 Resp: 229454

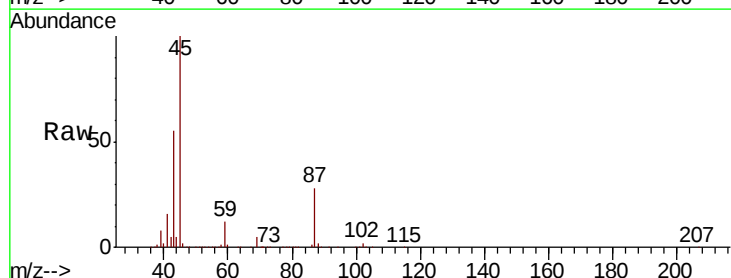
Ion Ratio Lower Upper

45 100

43 55.0 42.8 64.2

87 27.9 22.6 34.0

59 11.8 9.6 14.4



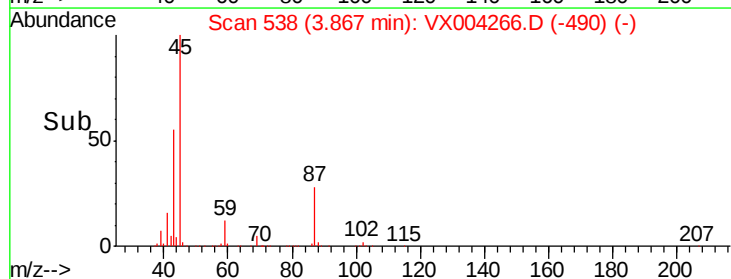
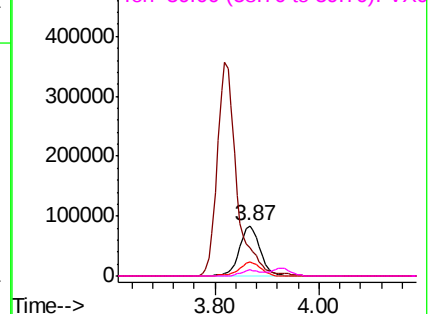
Abundance

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: 103.64 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

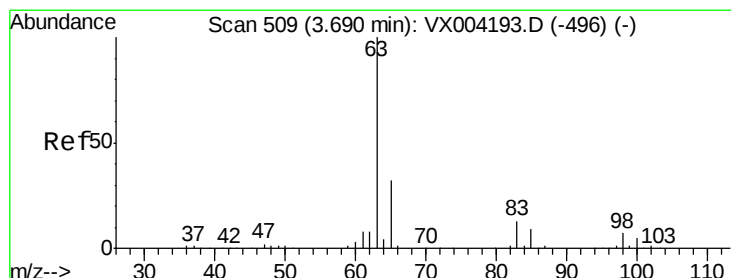
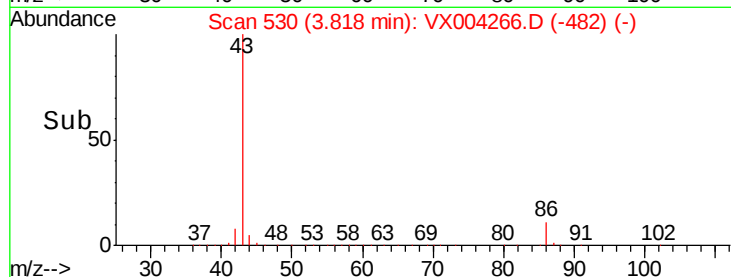
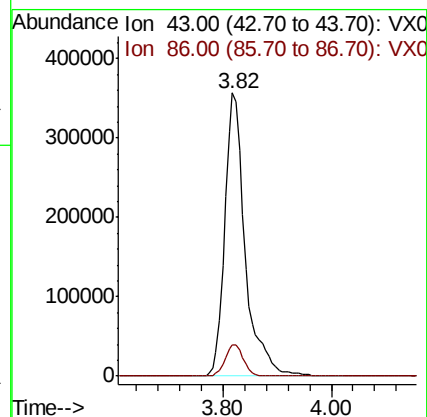
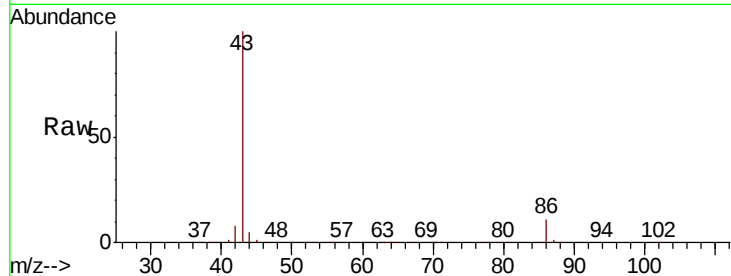
VX0827MBSD01

Tot Ion: 43 Resp: 928161

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.40 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

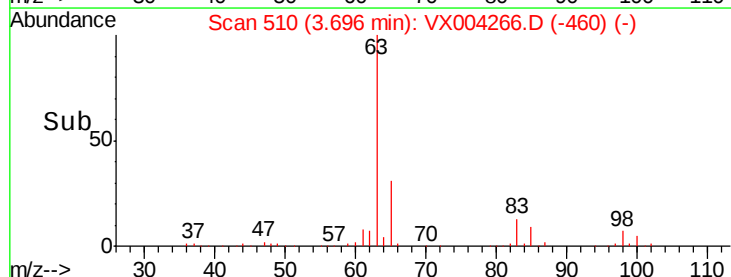
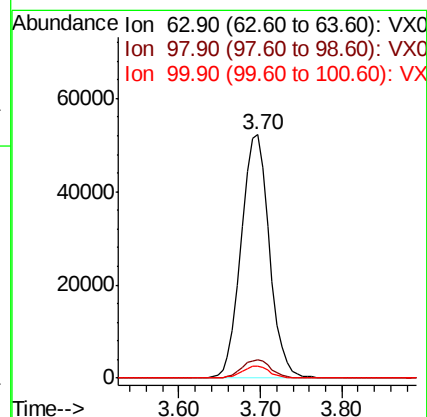
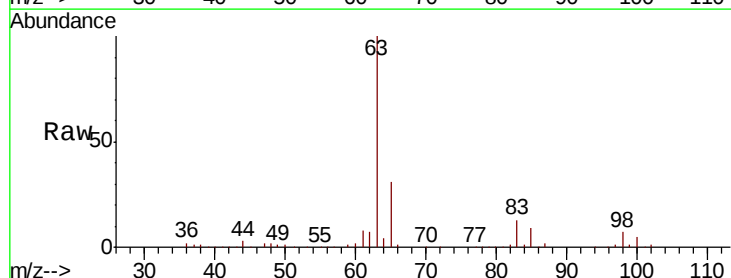
Tgt Ion: 63 Resp: 124939

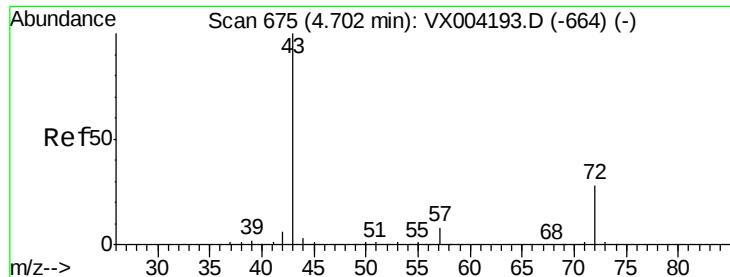
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 108.31 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

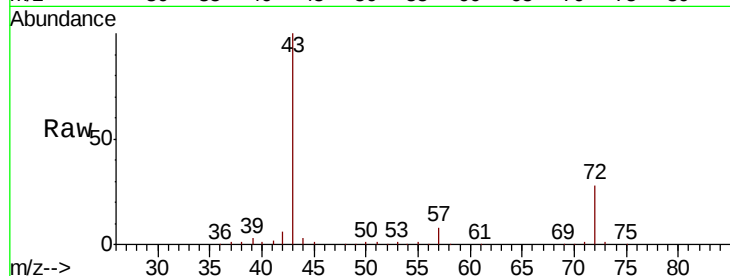
VX0827MBSD01

Tot Ion: 43 Resp: 291911

Ion Ratio Lower Upper

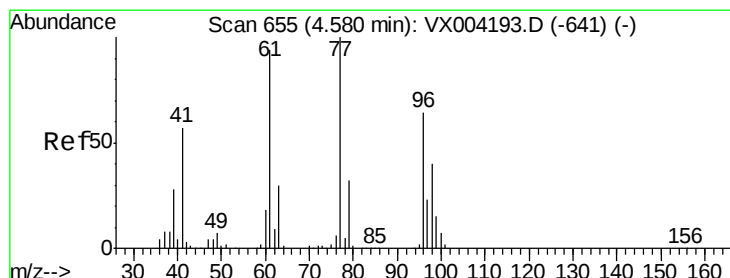
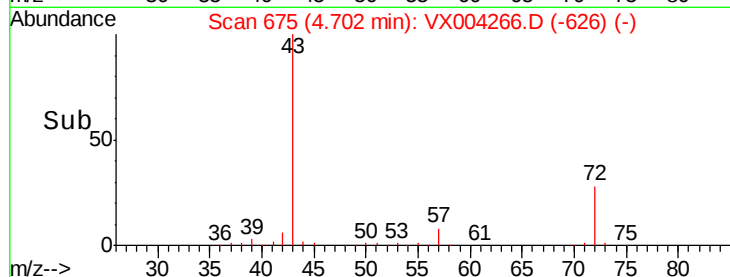
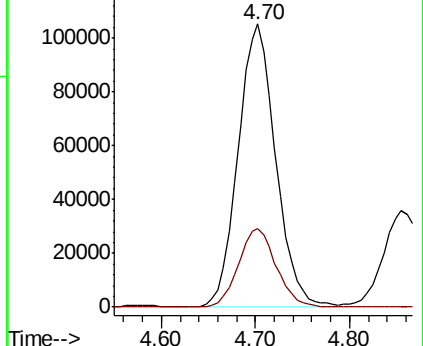
43 100

72 27.8 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: 18.93 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004266.D

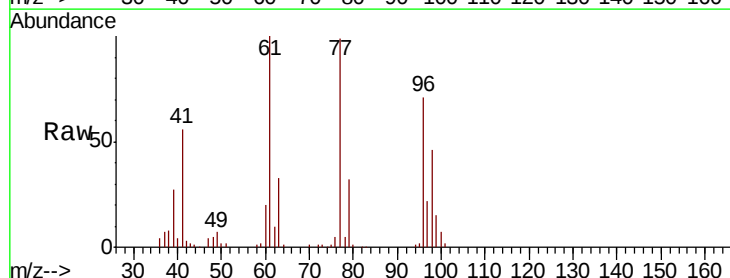
Acq: 27 Aug 2018 17:36

Tgt Ion: 77 Resp: 95618

Ion Ratio Lower Upper

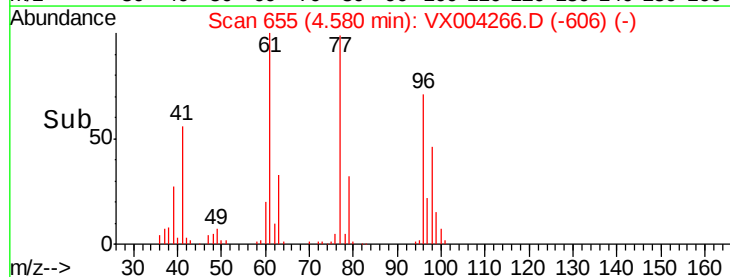
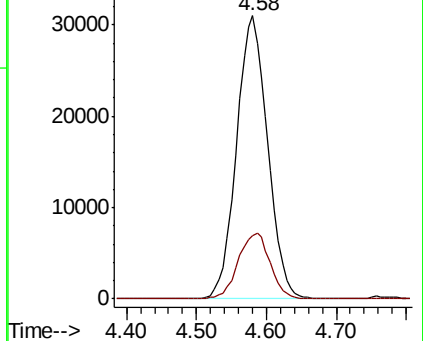
77 100

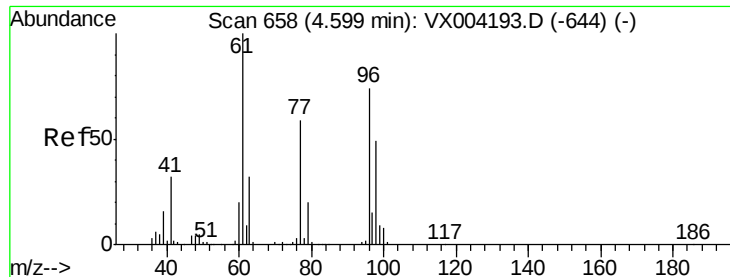
97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



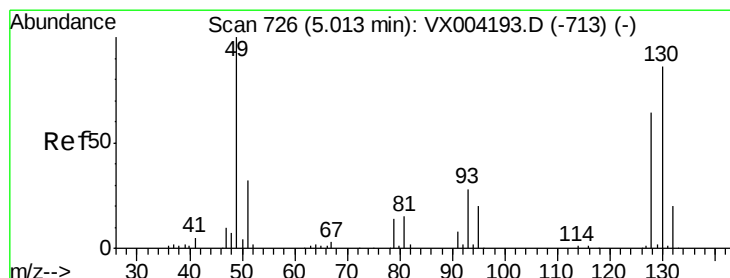
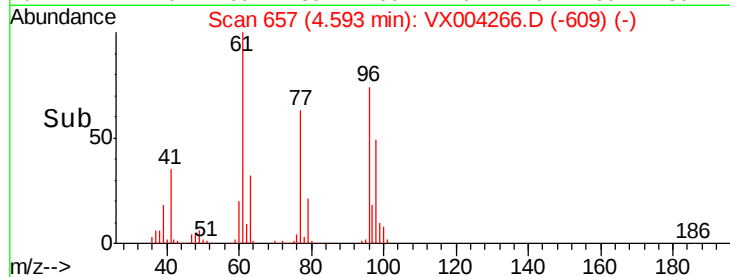
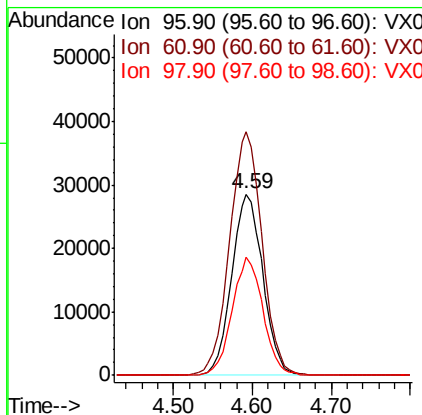
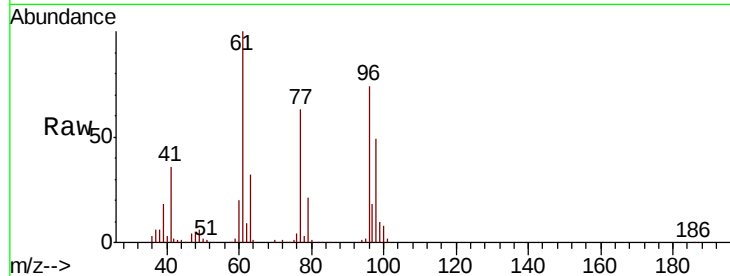


#27

cis-1,2-Dichloroethene
 Concen: 19.42 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

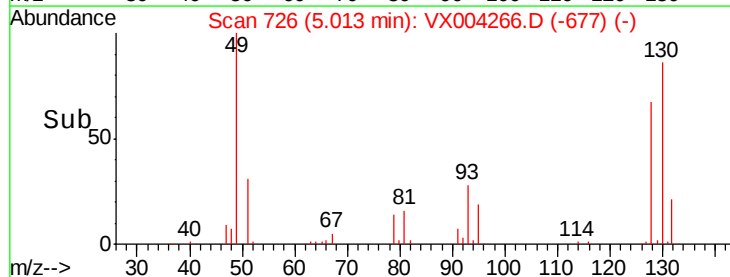
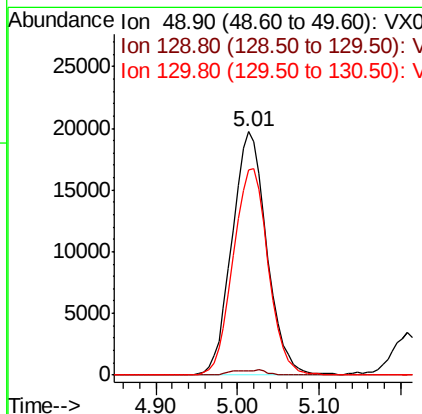
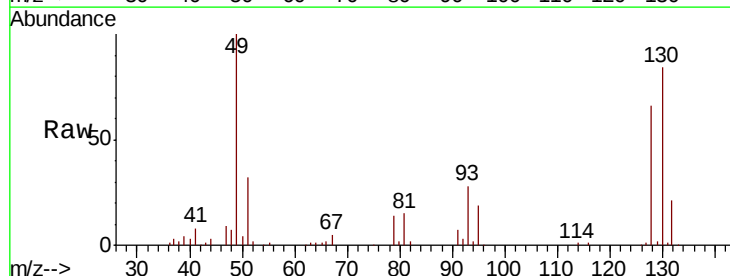
Tot Ion	96	Resp	78523
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	282.6
98	64.3	0.0	130.2

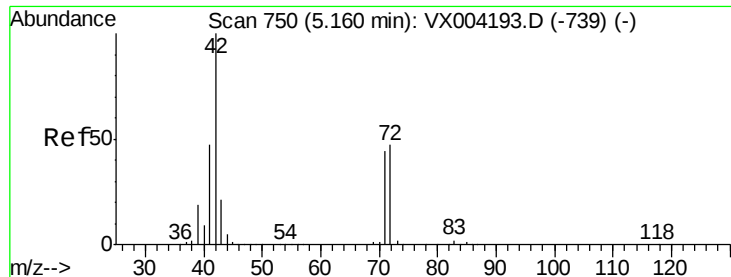


#28

Bromochloromethane
 Concen: 20.40 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion	49	Resp	58161
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	85.7	67.5	101.3





#29

Tetrahydrofuran

Concen: 107.73 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

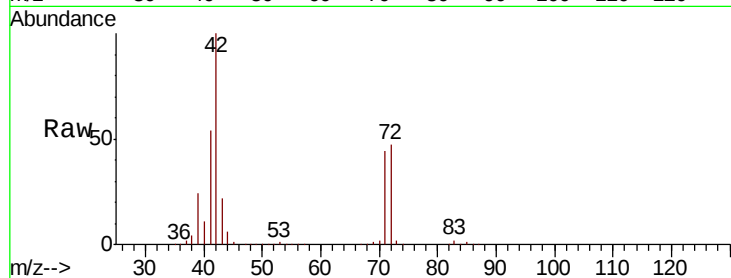
Tot Ion: 42 Resp: 183429

Ion Ratio Lower Upper

42 100

72 48.4 37.4 56.0

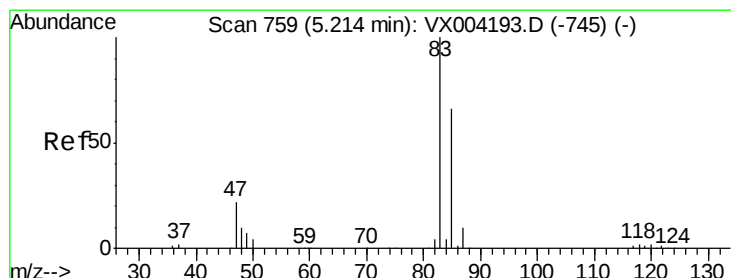
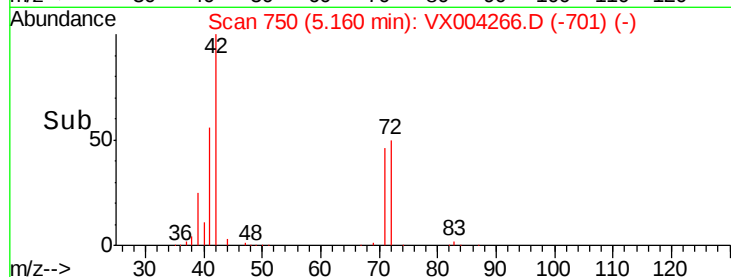
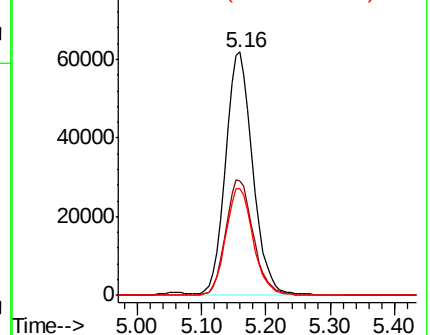
71 44.4 34.5 51.7



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: 19.28 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004266.D

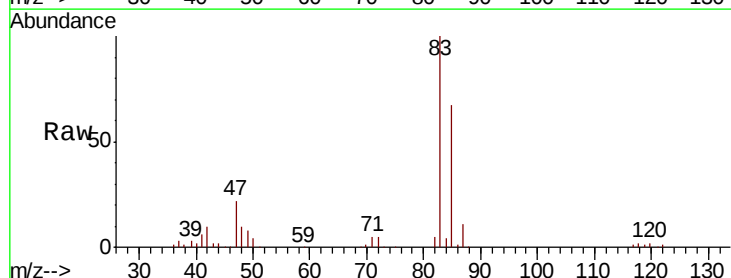
Acq: 27 Aug 2018 17:36

Tgt Ion: 83 Resp: 124505

Ion Ratio Lower Upper

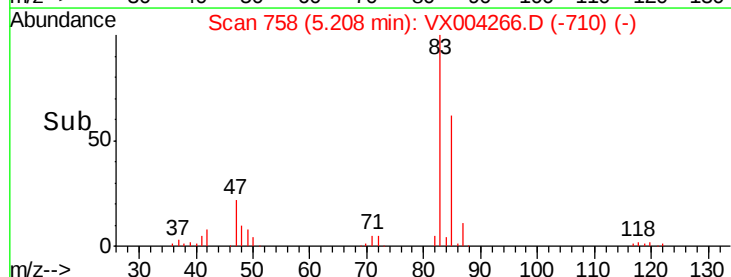
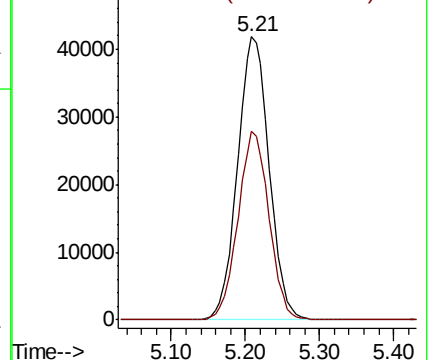
83 100

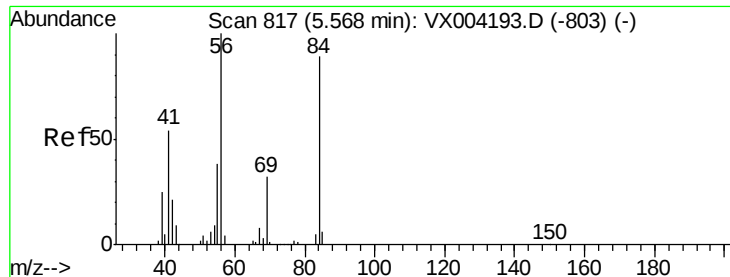
85 66.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

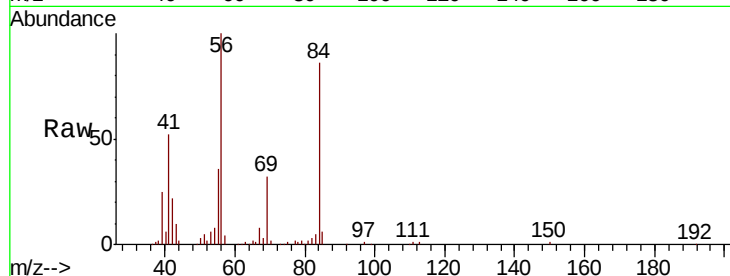
Tot Ion: 56 Resp: 91239

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

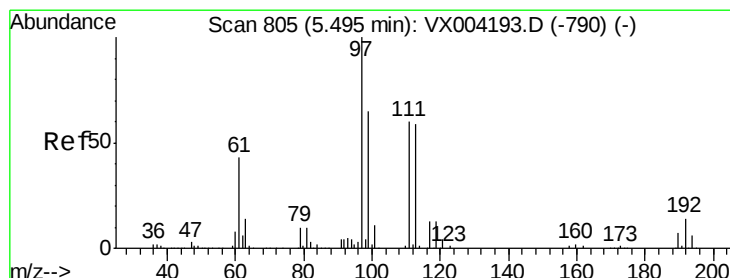
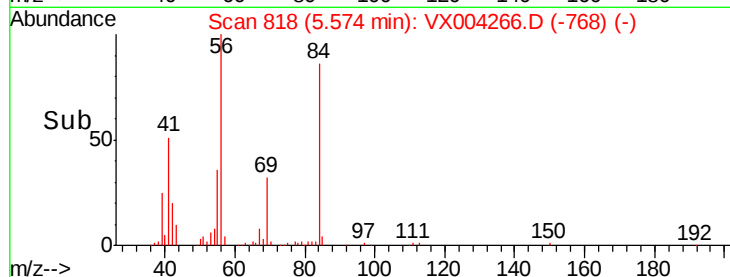
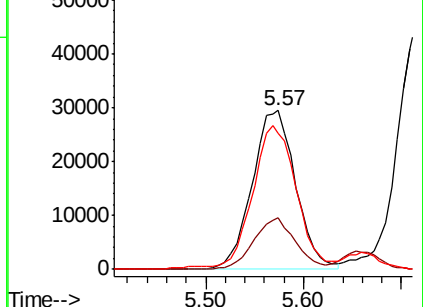
84 83.3 71.4 107.2



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: 18.15 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

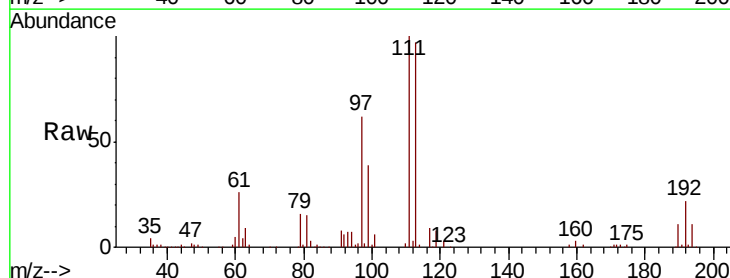
Tgt Ion: 97 Resp: 97715

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

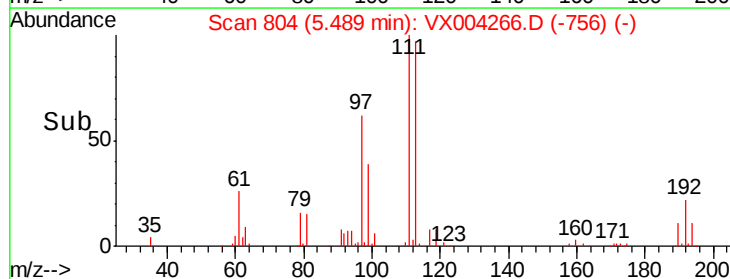
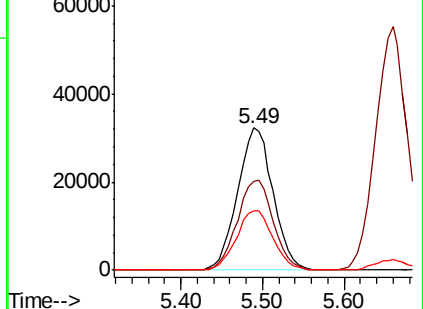
61 43.0 34.9 52.3

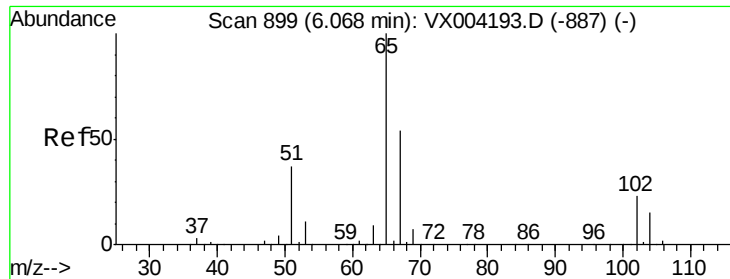


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

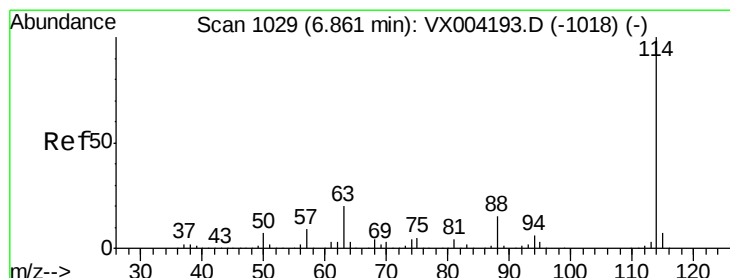
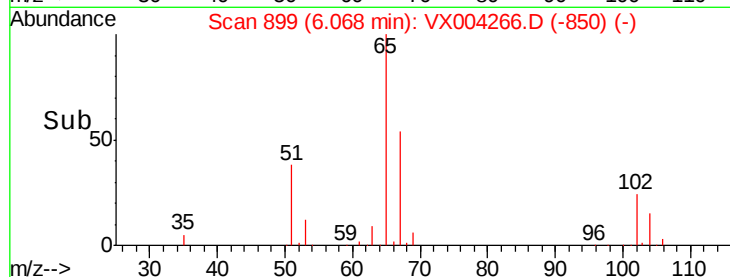
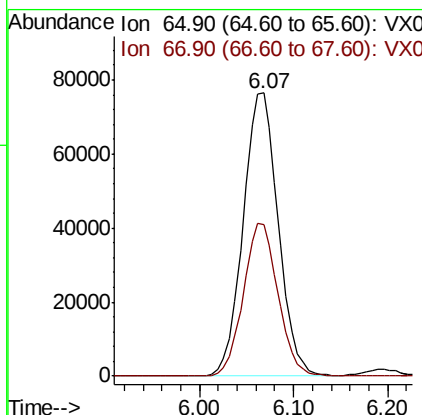
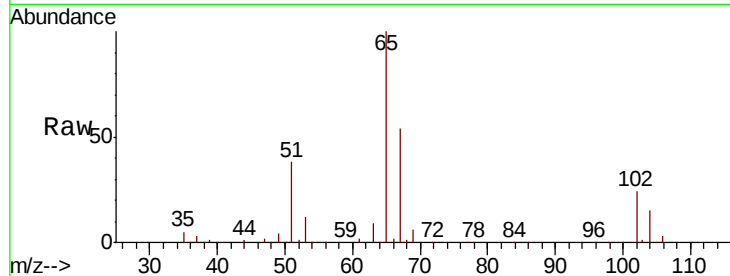




#33
 1,2-Dichloroethane-d4
 Concen: 50.45 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

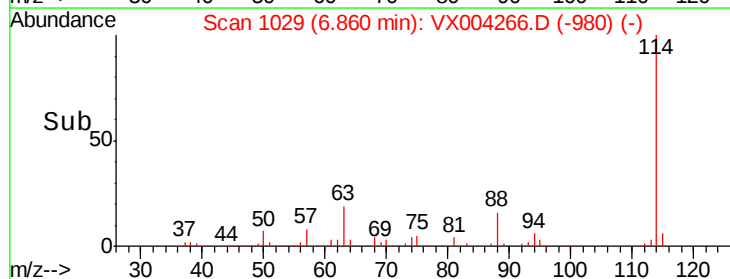
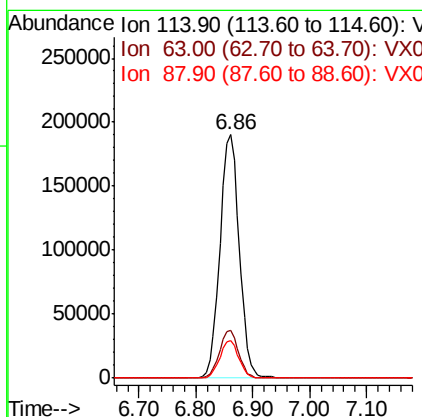
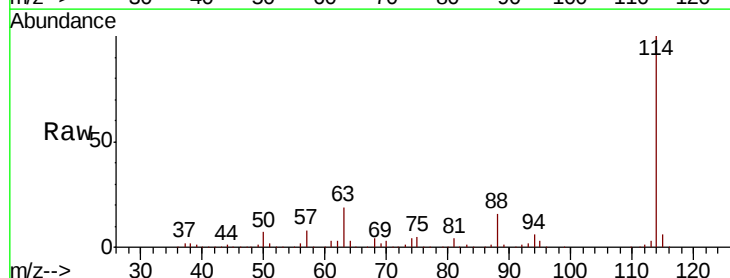
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

Tot Ion: 65 Resp: 199938
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion: 114 Resp: 447648
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.29 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

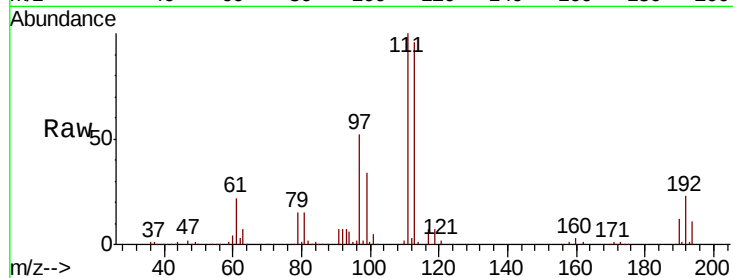
Tot Ion:113 Resp: 167472

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

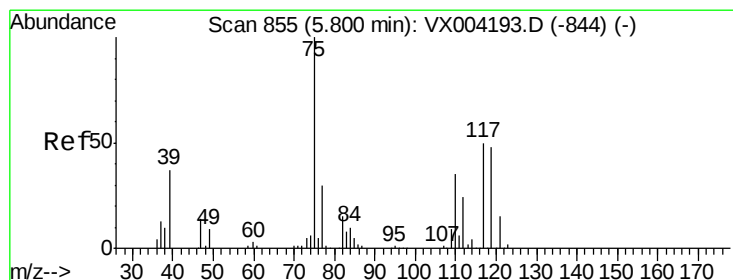
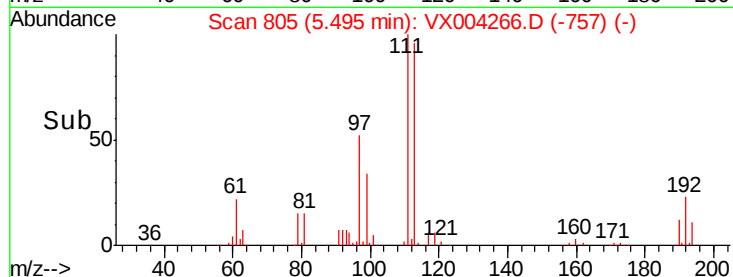
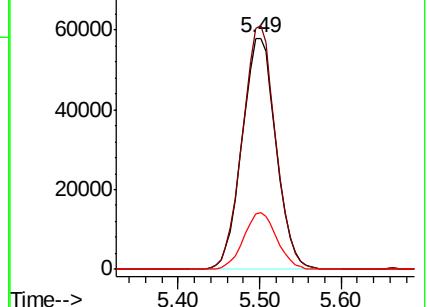
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.61 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

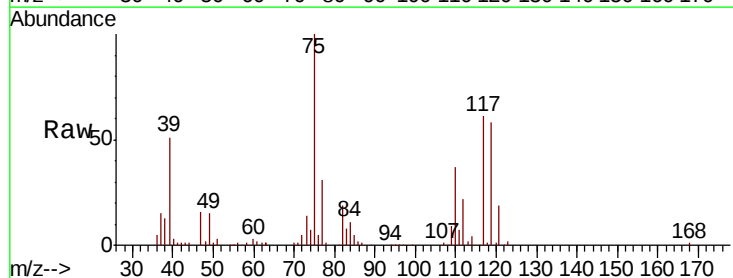
Tgt Ion: 75 Resp: 88618

Ion Ratio Lower Upper

75 100

110 37.1 18.0 54.0

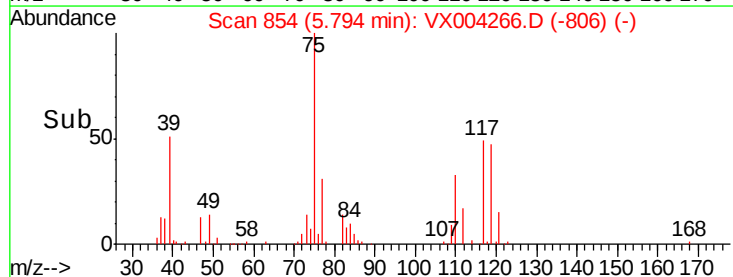
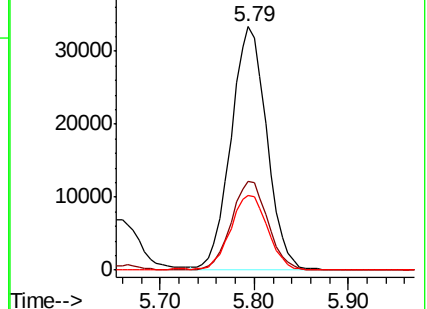
77 31.9 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

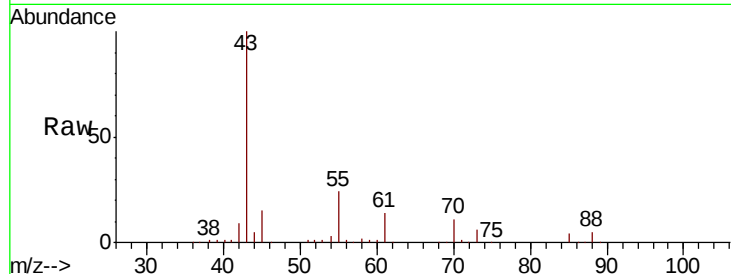




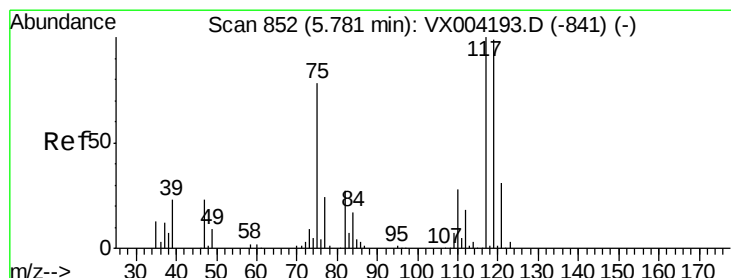
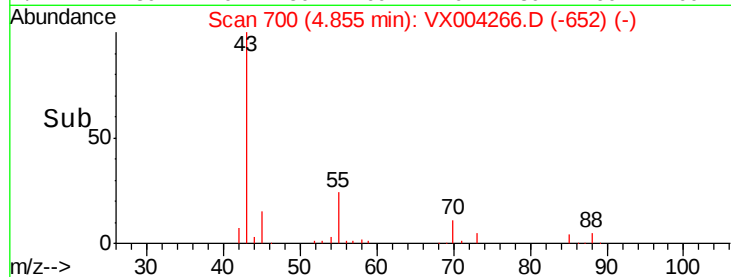
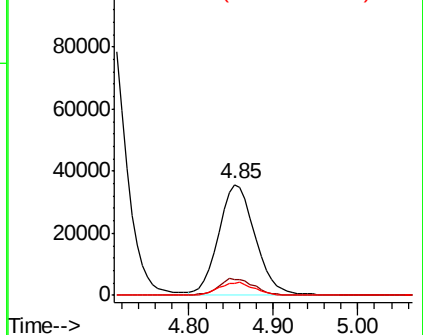
#37
Ethyl Acetate
Concen: 21.23 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Instrument :
MSVOA_X
ClientSampleID :
VX0827MBSD01

Tot Ion: 43 Resp: 105061
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.4 9.0 13.6

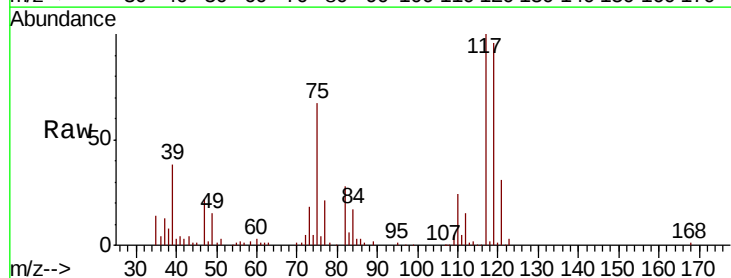


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

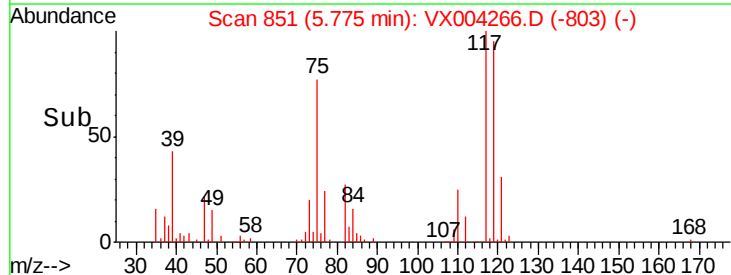
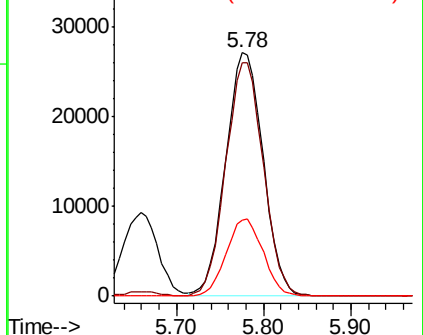


#38
Carbon Tetrachloride
Concen: 17.05 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 117 Resp: 80729
Ion Ratio Lower Upper
117 100
119 95.7 78.8 118.2
121 31.4 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

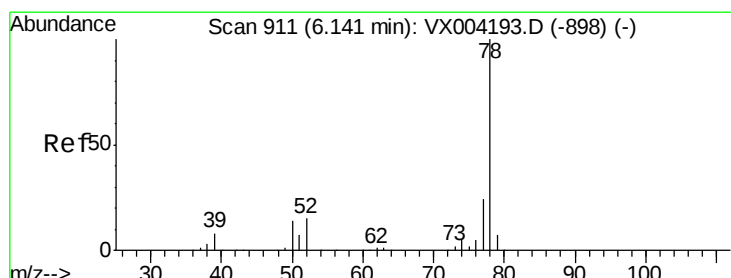
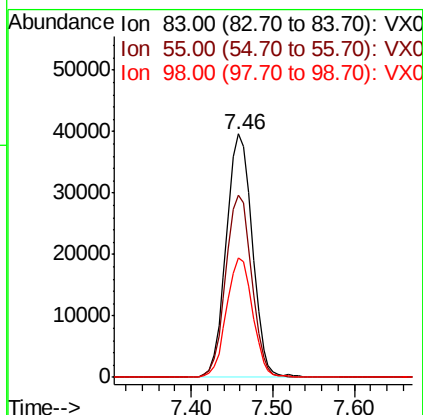
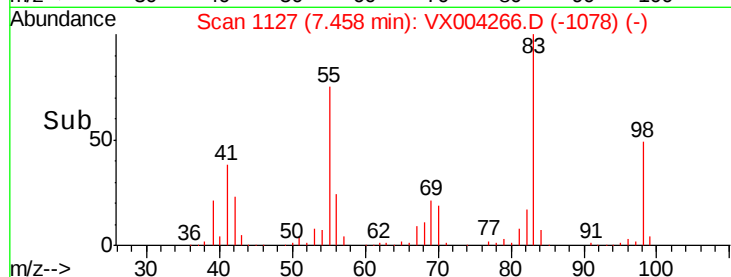
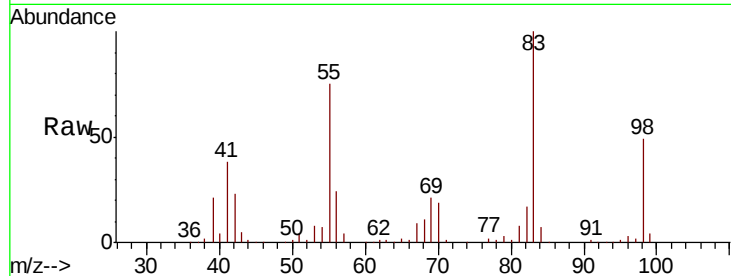




#39
Methvlcvclohexane
Concen: 15.20 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

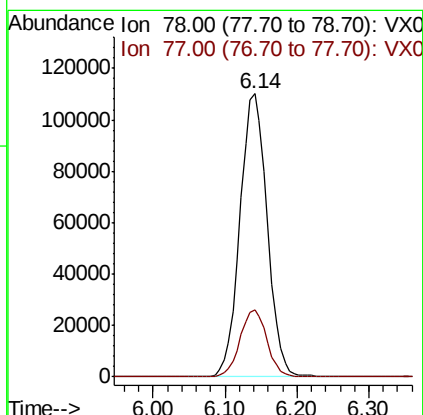
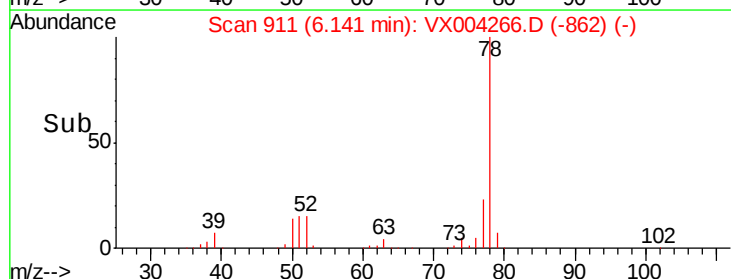
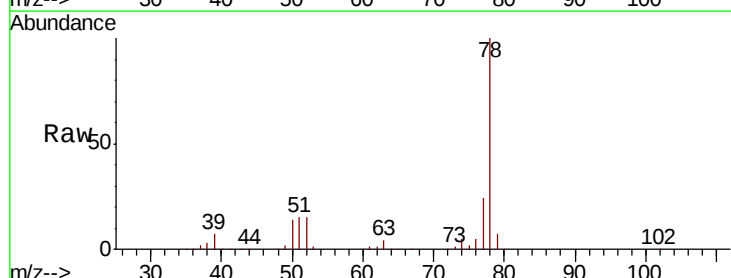
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

Tot Ion: 83 Resp: 87343
Ion Ratio Lower Upper
83 100
55 75.1 61.0 91.4
98 49.2 39.6 59.4



#40
Benzene
Concen: 19.25 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 78 Resp: 289528
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

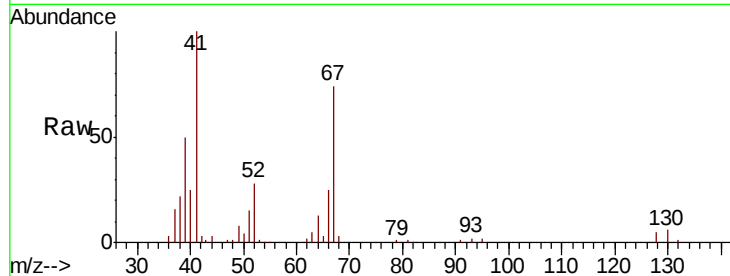




#41
Methacrylonitrile
Concen: 20.98 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

Tot Ion:	41	Resp:	60185
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.4	63.6
67	75.2	59.2	88.8
52	29.3	23.0	34.4



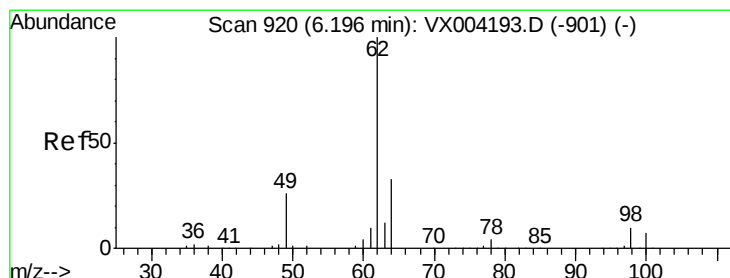
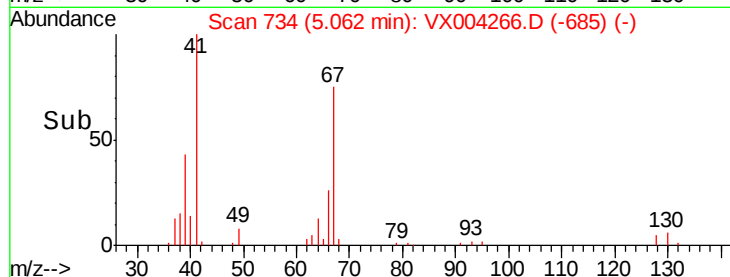
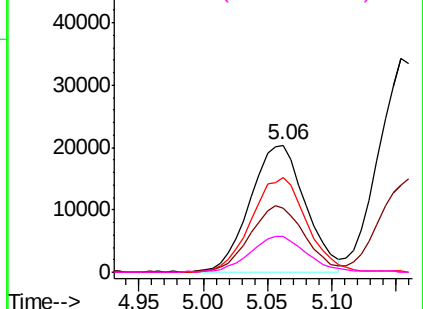
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

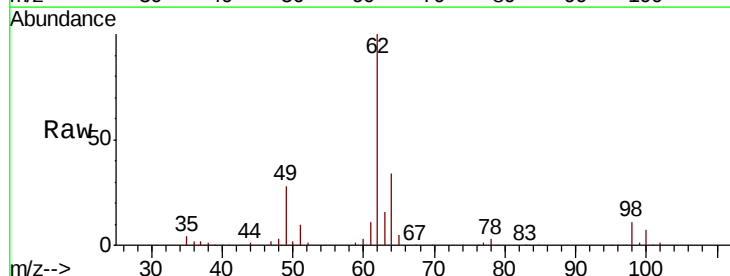
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.84 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

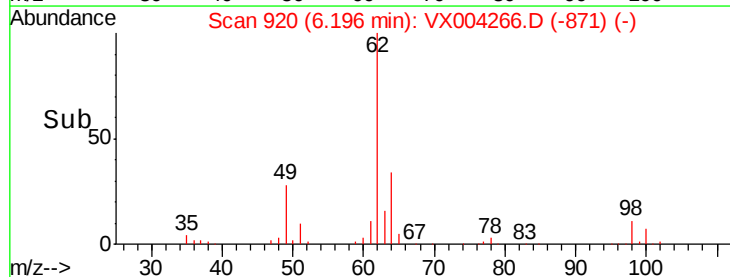
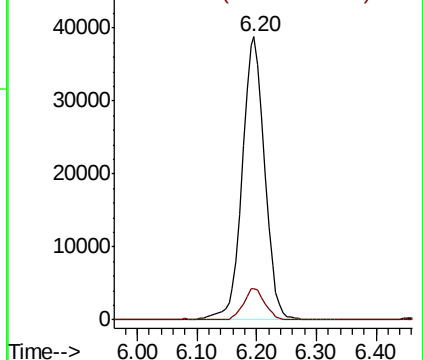
Tgt Ion:	62	Resp:	101787
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.32 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

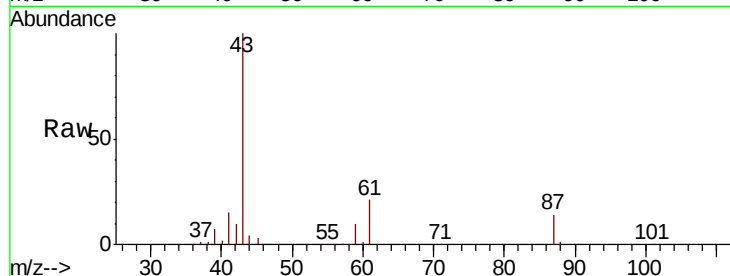
Tot Ion: 43 Resp: 162142

Ion Ratio Lower Upper

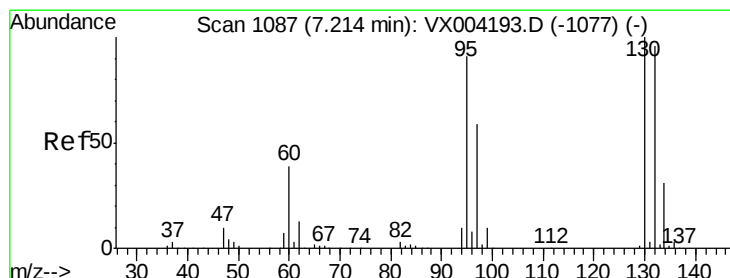
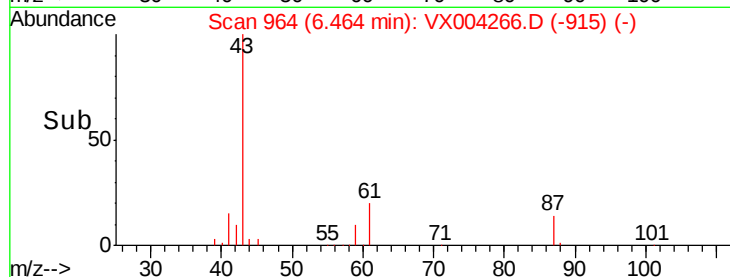
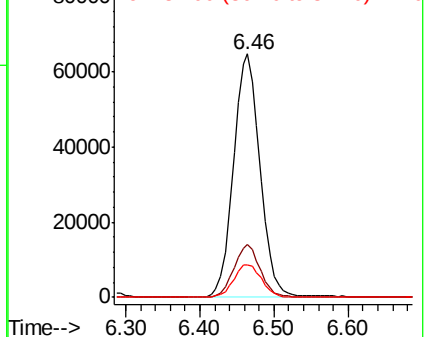
43 100

61 21.4 17.0 25.4

87 14.2 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: 18.63 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004266.D

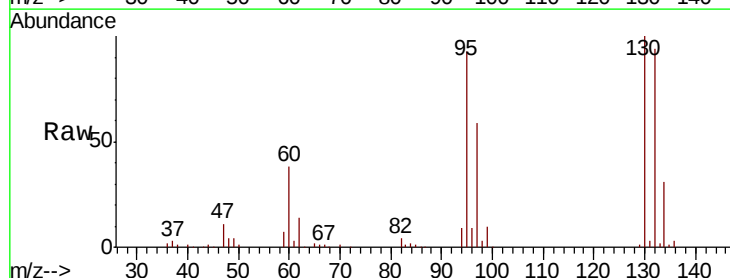
Acq: 27 Aug 2018 17:36

Tgt Ion:130 Resp: 77558

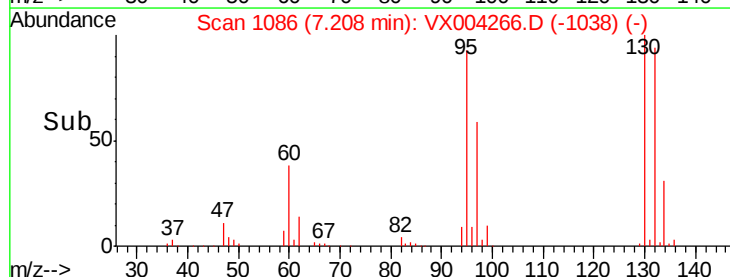
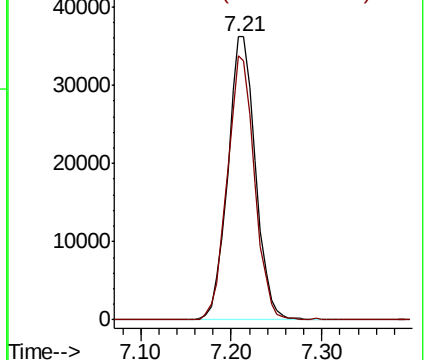
Ion Ratio Lower Upper

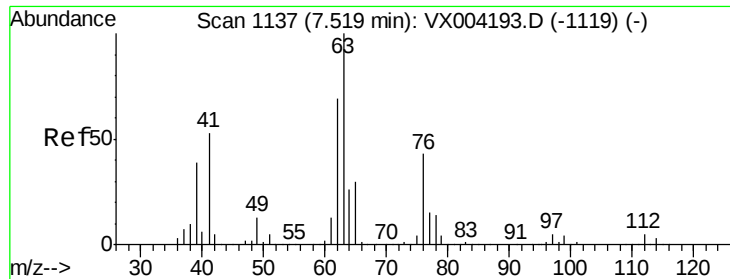
130 100

95 93.2 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: 19.58 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

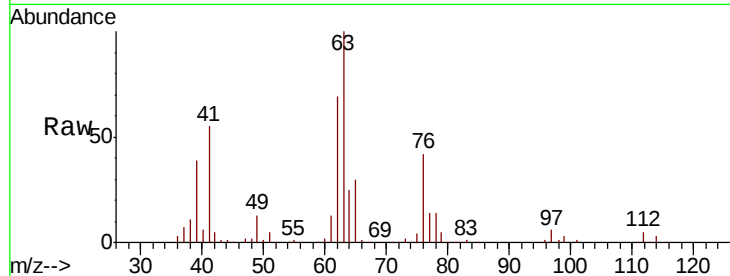
VX0827MBSD01

Tot Ion: 63 Resp: 73695

Ion Ratio Lower Upper

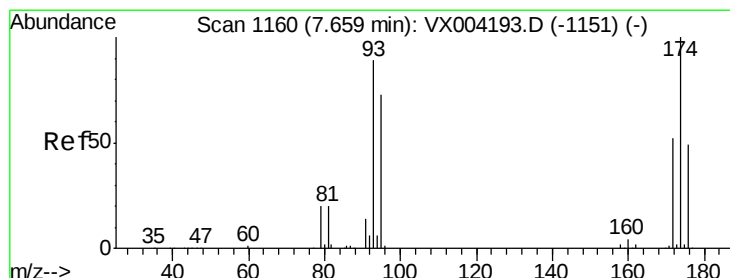
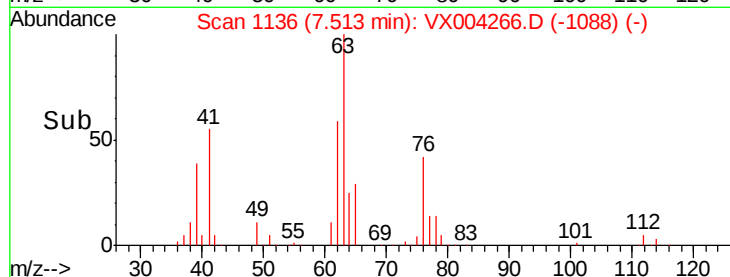
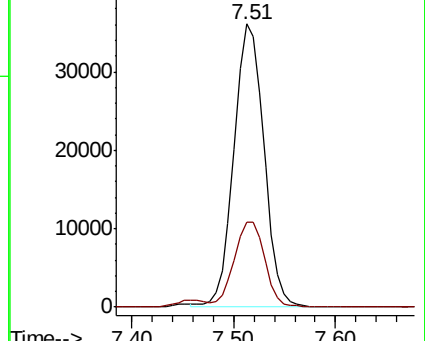
63 100

65 30.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.47 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

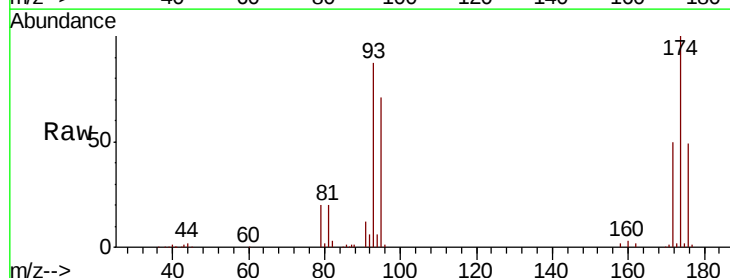
Tgt Ion: 93 Resp: 48781

Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

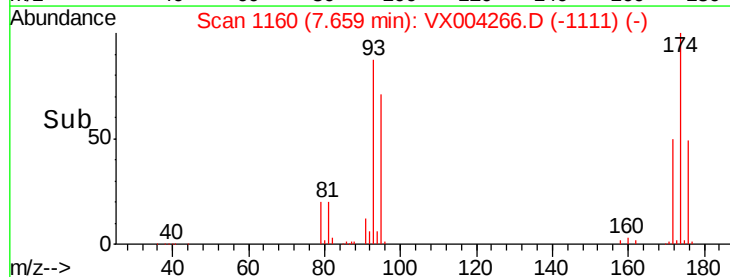
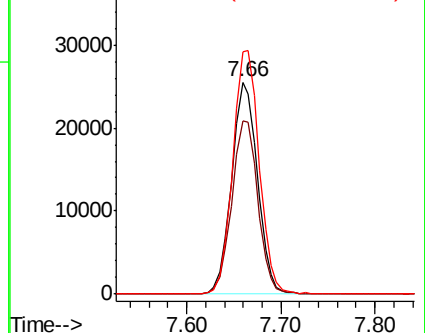
174 117.1 94.2 141.4



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





#47

Bromodichloromethane

Concen: 18.72 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

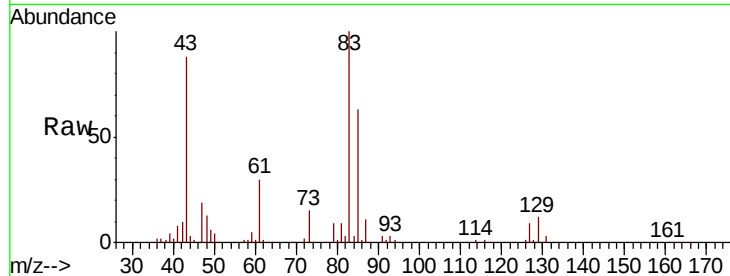
Tot Ion: 83 Resp: 87268

Ion Ratio Lower Upper

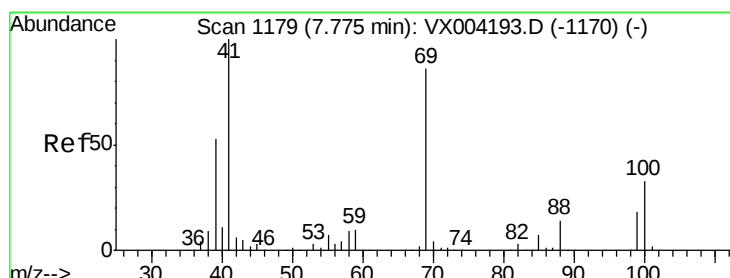
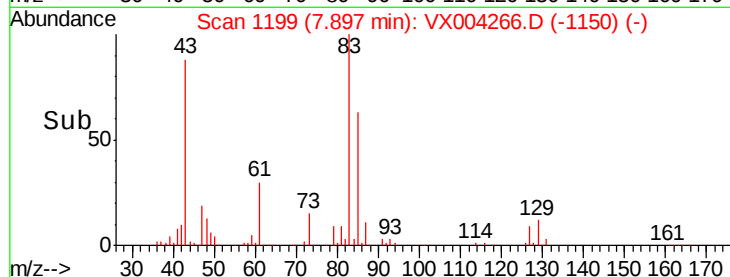
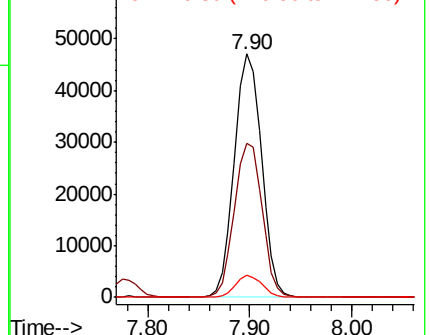
83 100

85 63.4 50.9 76.3

127 9.2 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: 20.53 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

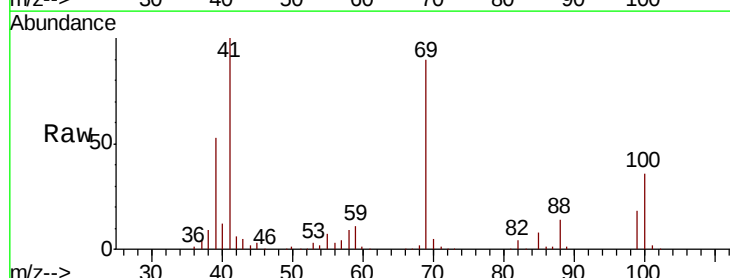
Tgt Ion: 41 Resp: 83558

Ion Ratio Lower Upper

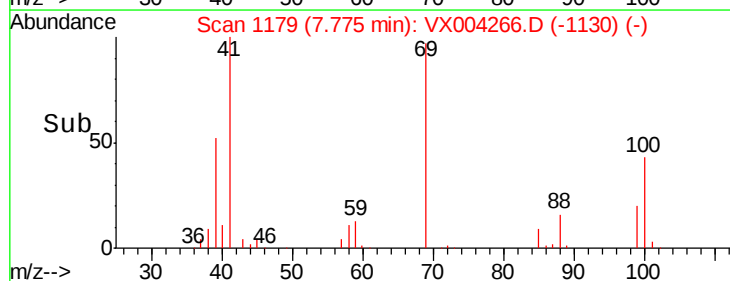
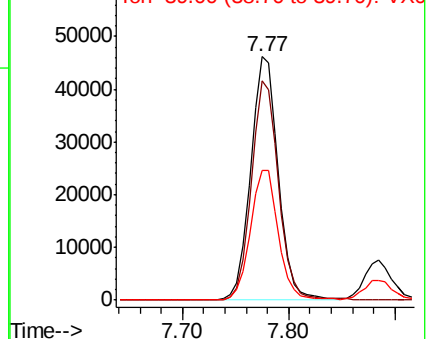
41 100

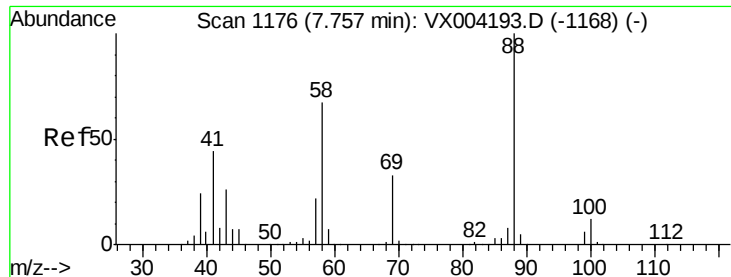
69 89.2 70.2 105.4

39 54.6 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

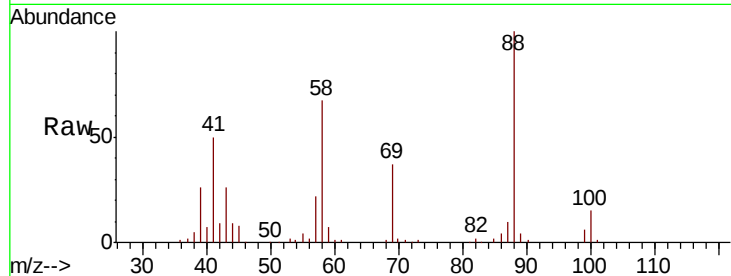




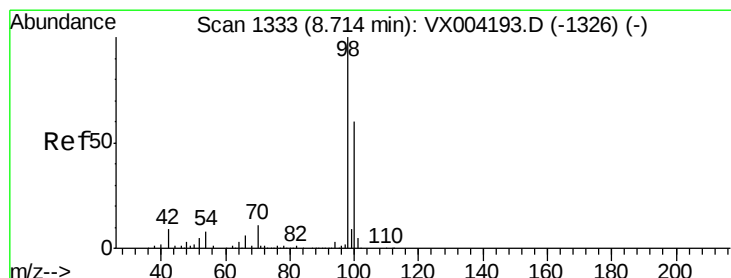
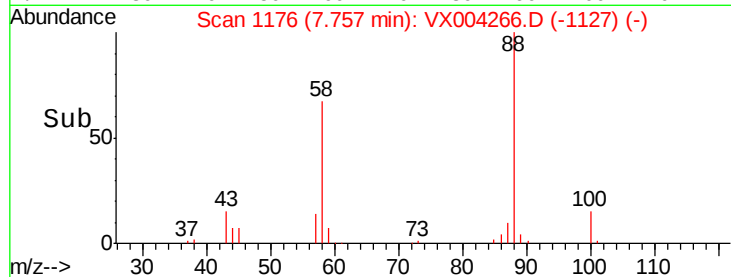
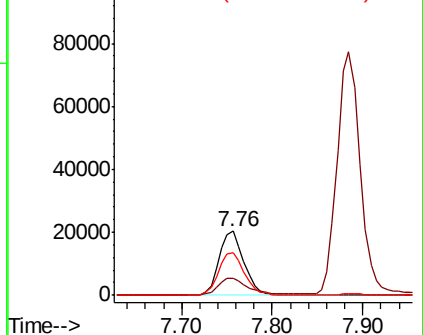
#49
1,4-Dioxane
Concen: 425.85 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

Tot Ion: 88 Resp: 39346
Ion Ratio Lower Upper
88 100
43 29.7 24.7 37.1
58 70.4 55.3 82.9

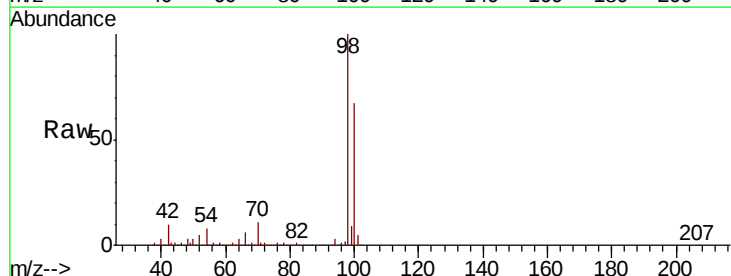


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

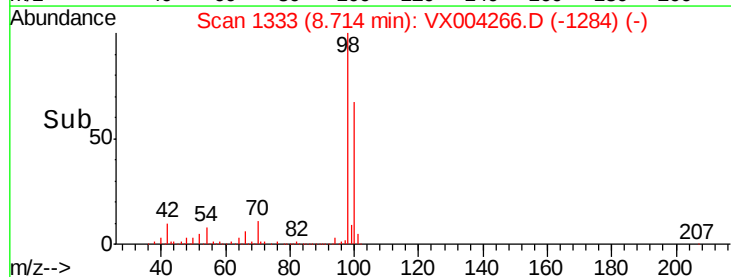
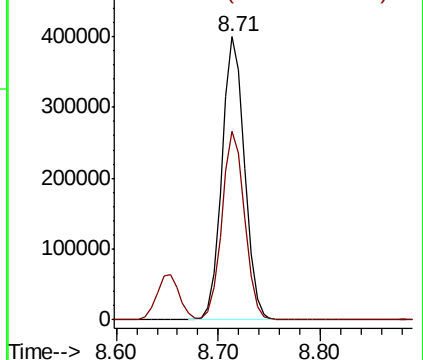


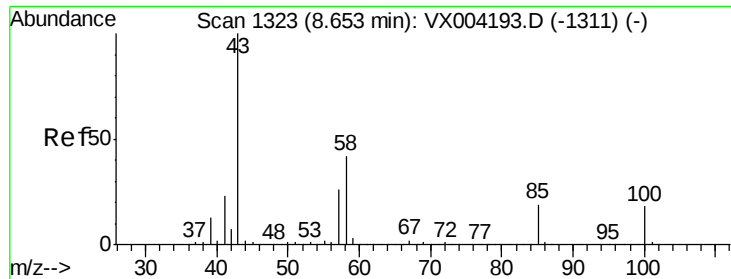
#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 98 Resp: 613686
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.39 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

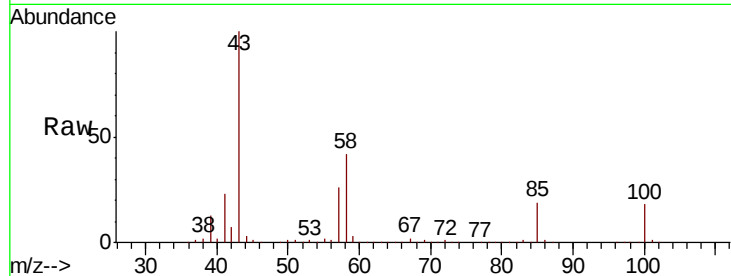
VX0827MBSD01

Tot Ion: 43 Resp: 554758

Ion Ratio Lower Upper

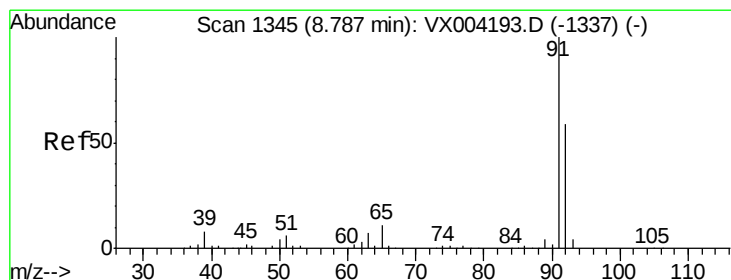
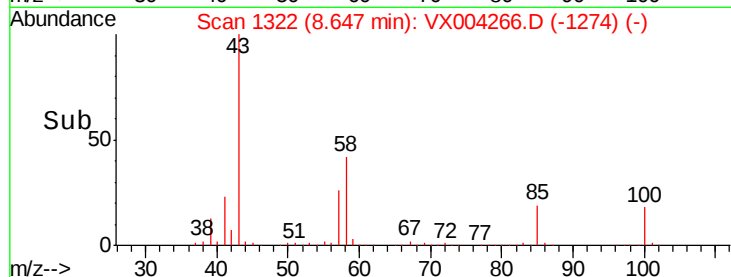
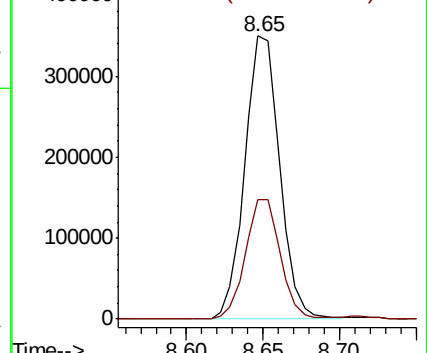
43 100

58 41.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.52 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004266.D

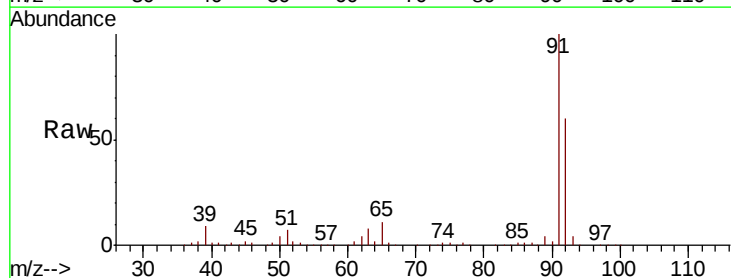
Acq: 27 Aug 2018 17:36

Tgt Ion: 92 Resp: 183710

Ion Ratio Lower Upper

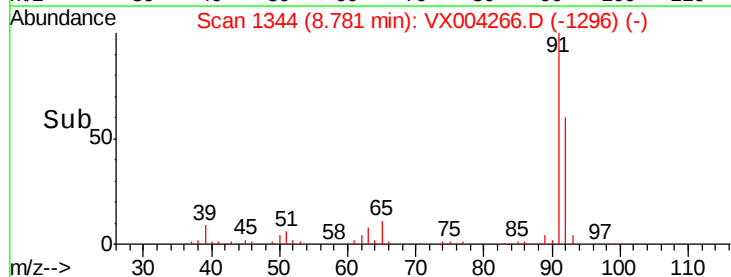
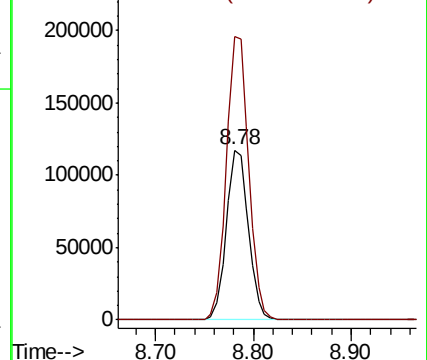
92 100

91 168.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

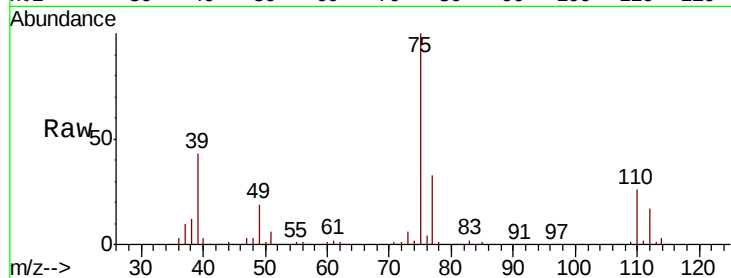
VX0827MBSD01

Tot Ion: 75 Resp: 100727

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

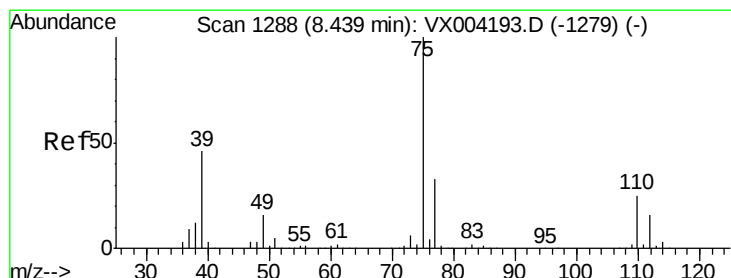
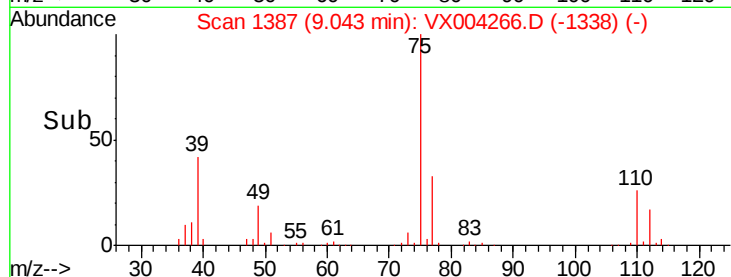
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 19.92 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

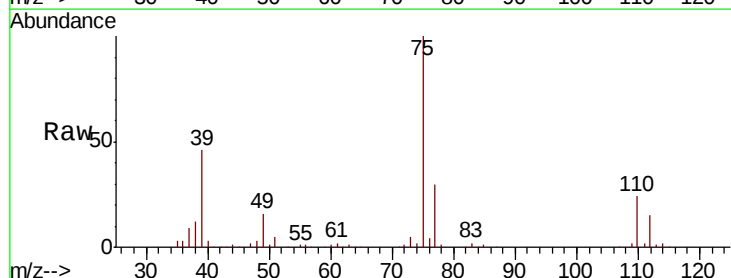
Tgt Ion: 75 Resp: 111777

Ion Ratio Lower Upper

75 100

77 30.1 26.2 39.2

39 46.2 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

80000

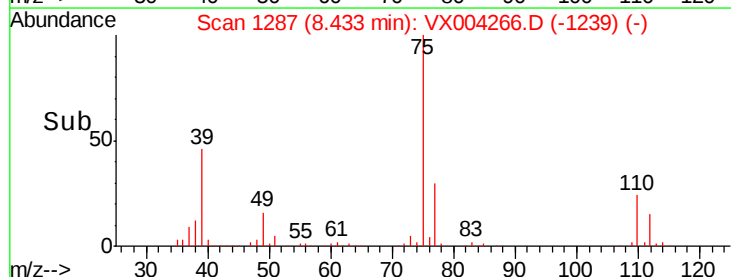
60000

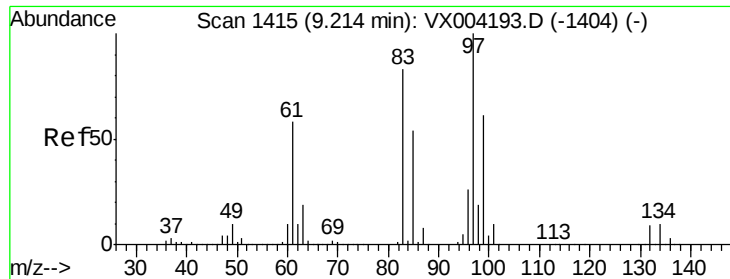
40000

20000

0

Time--> 8.40 8.50

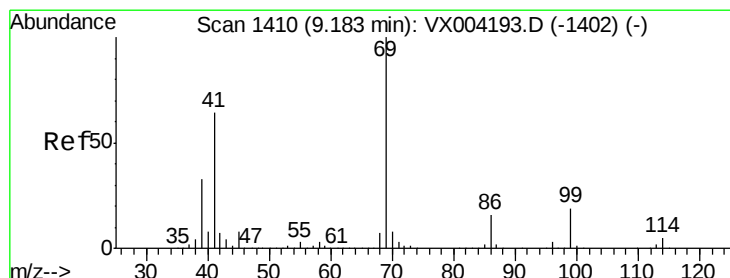
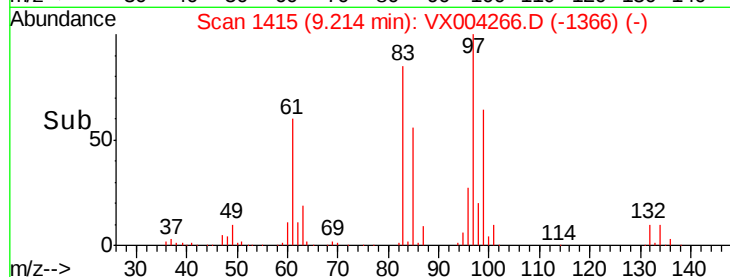
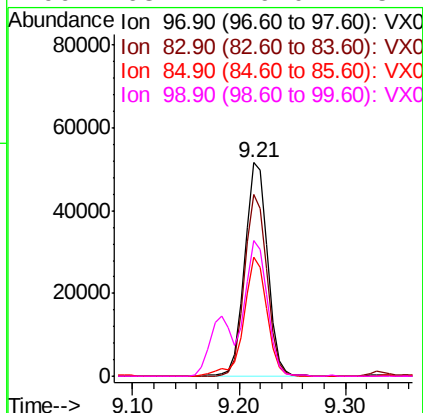
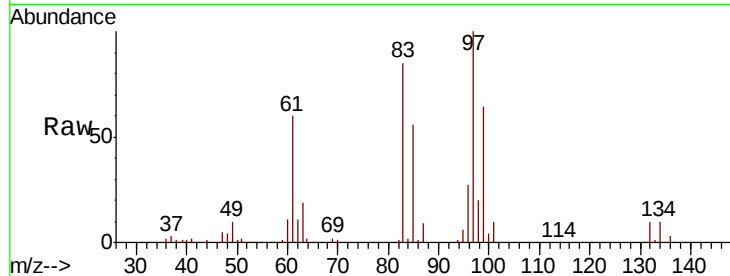




#55
 1,1,2-Trichloroethane
 Concen: 20.57 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

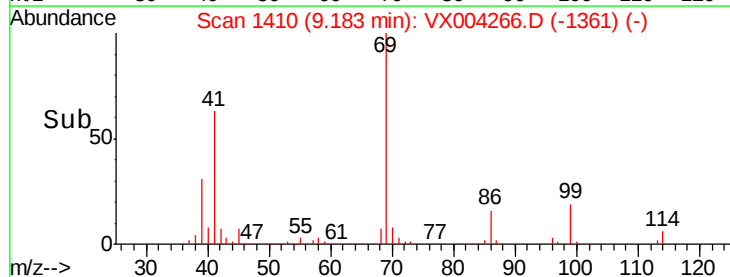
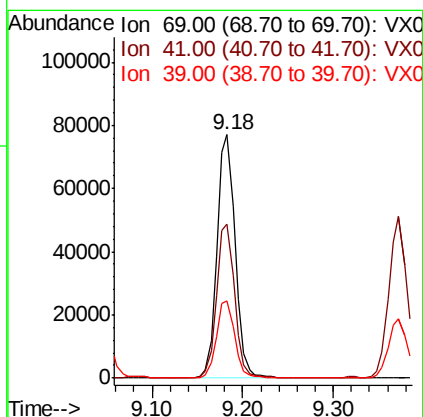
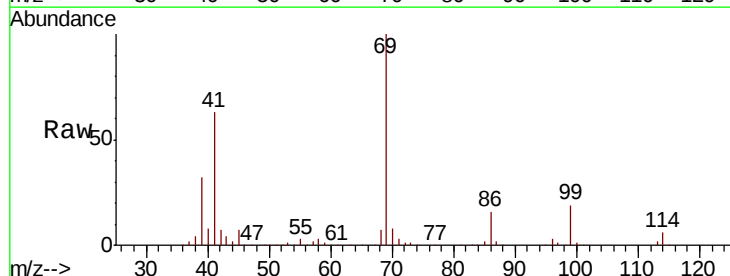
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

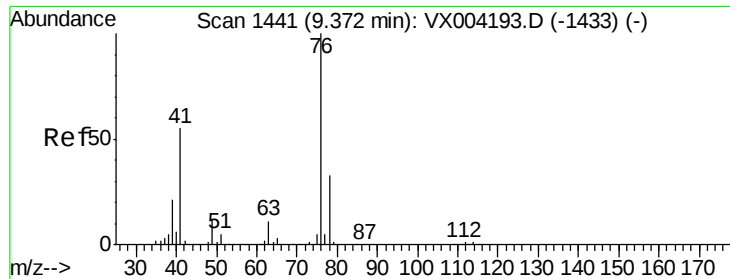
Tot Ion:	97	Resp:	78177
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.4	99.6
85	55.7	43.3	64.9
99	63.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.98 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion:	69	Resp:	108535
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	31.8	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.39 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

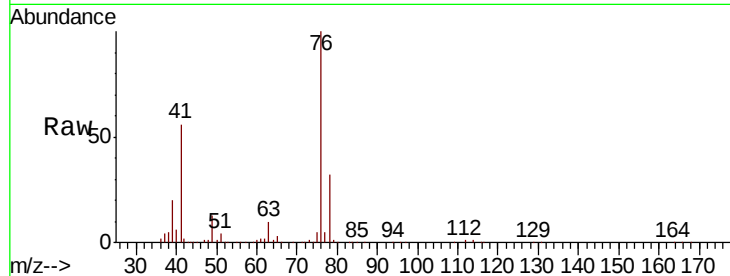
VX0827MBSD01

Tot Ion: 76 Resp: 130574

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

100000

80000

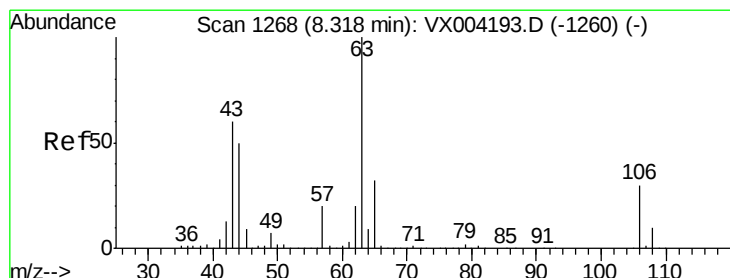
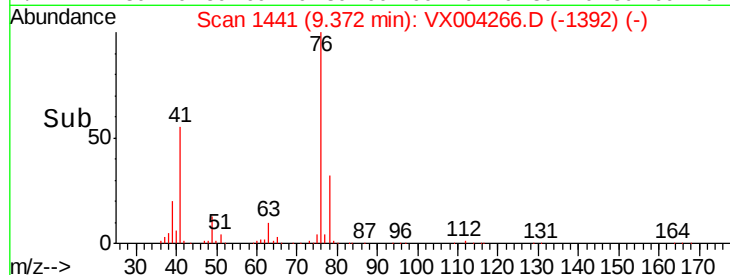
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 110.90 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004266.D

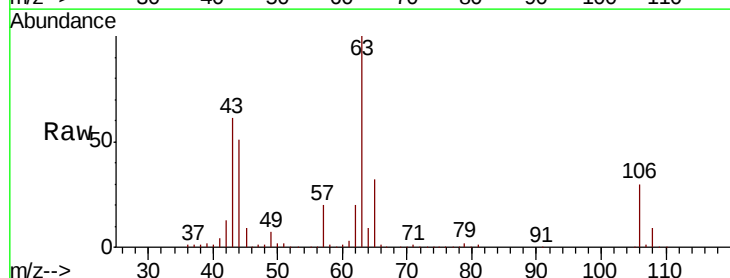
Acq: 27 Aug 2018 17:36

Tgt Ion: 63 Resp: 293932

Ion Ratio Lower Upper

63 100

106 30.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

200000

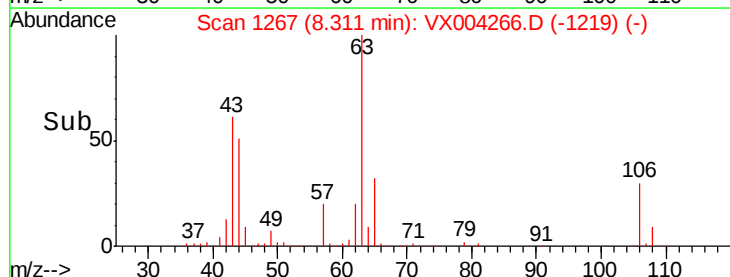
150000

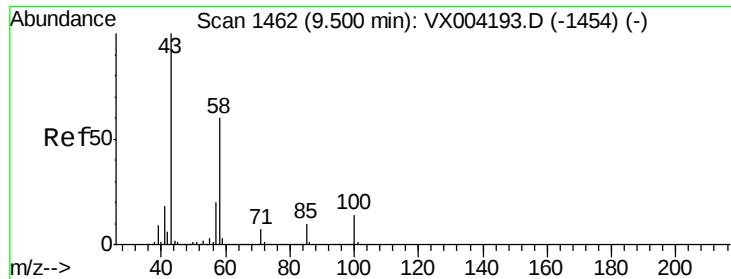
100000

50000

0

Time-->

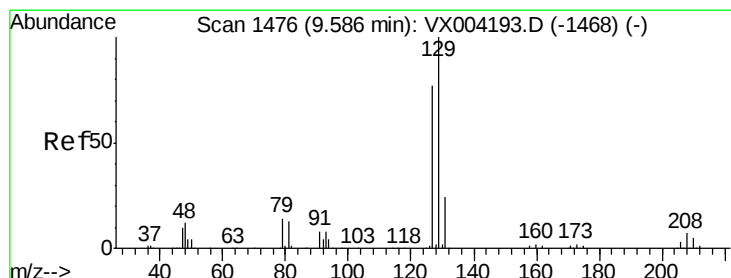
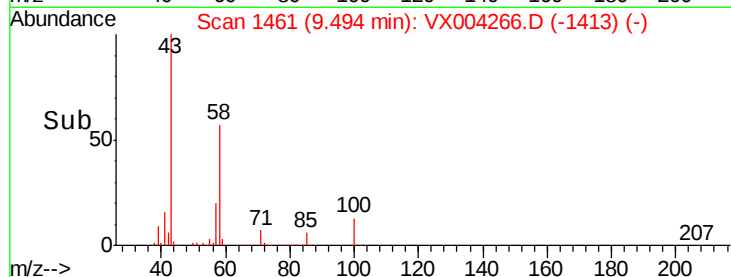
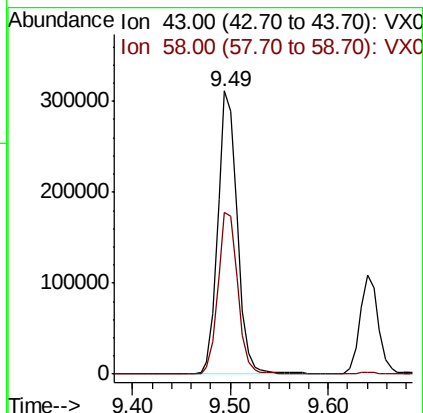
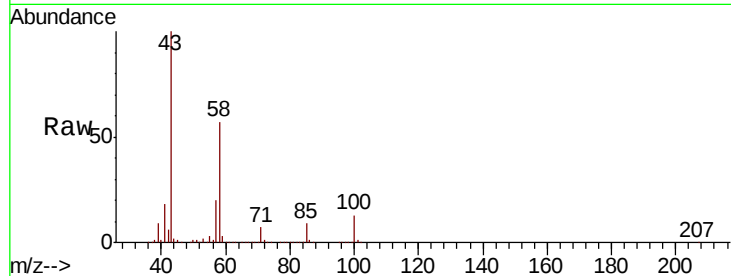




#59
2-Hexanone
Concen: 101.46 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

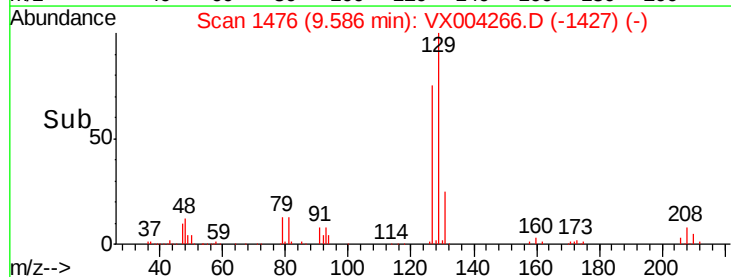
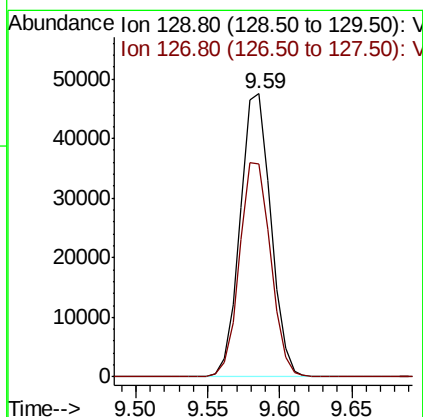
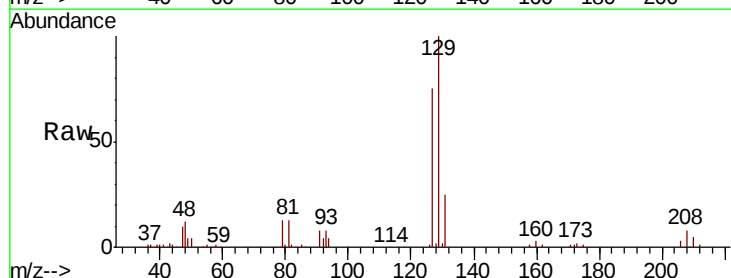
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

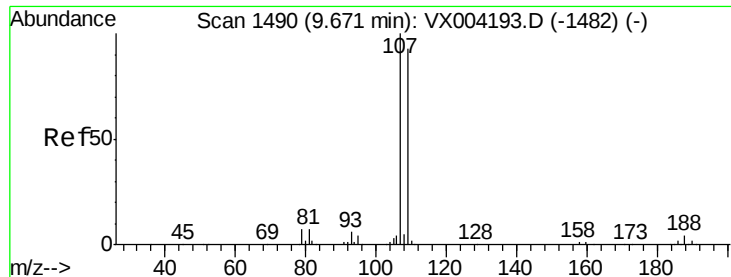
Tot Ion: 43 Resp: 427725
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0



#60
Dibromochloromethane
Concen: 18.98 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 129 Resp: 70284
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.37 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

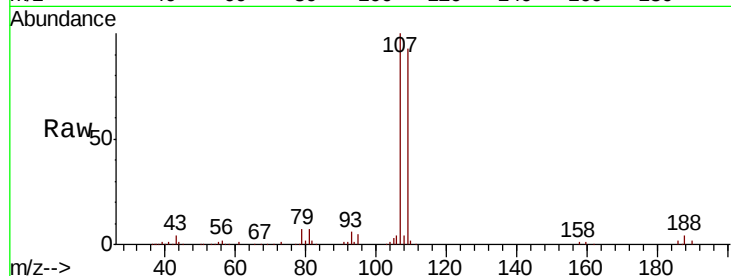
VX0827MBSD01

Tot Ion:107 Resp: 80119

Ion Ratio Lower Upper

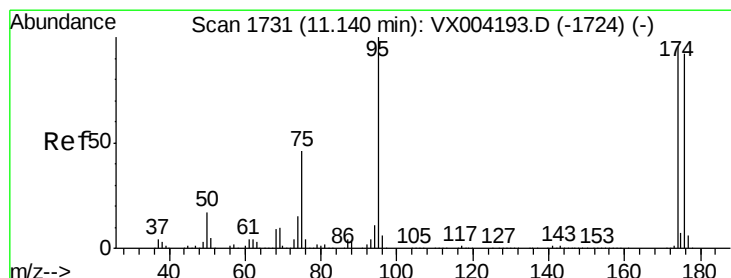
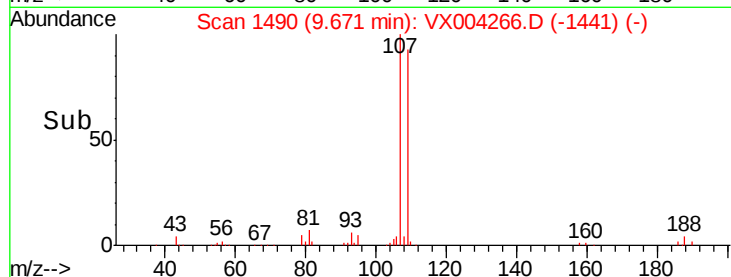
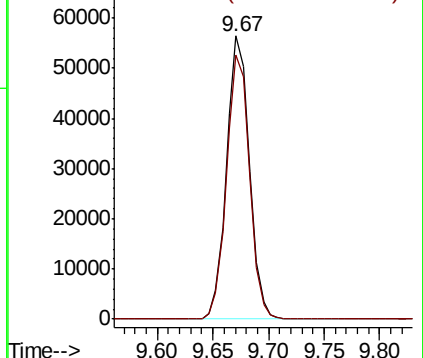
107 100

109 94.1 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: 50.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

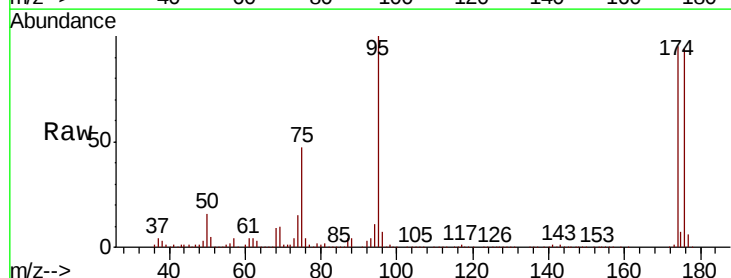
Tgt Ion: 95 Resp: 236686

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

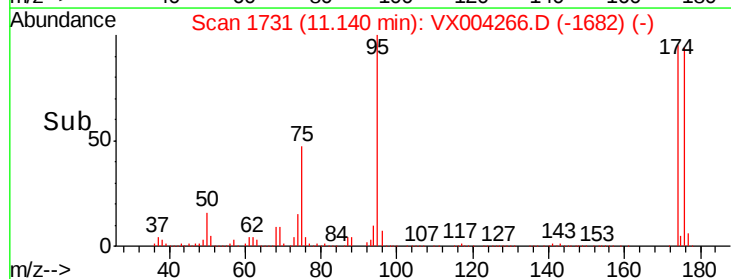
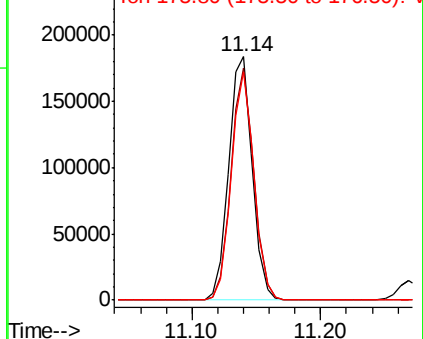
176 89.6 0.0 178.6



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

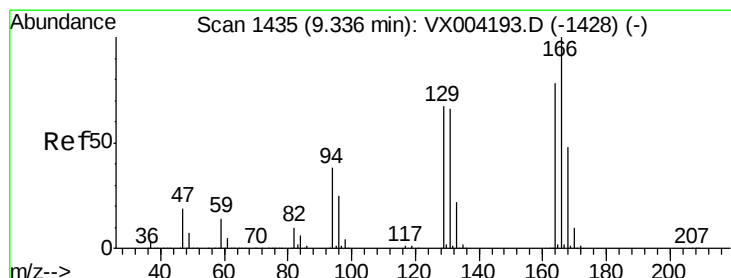
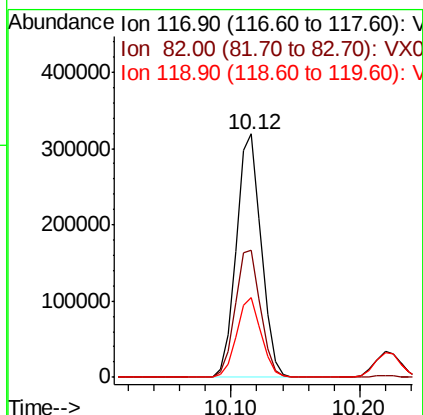
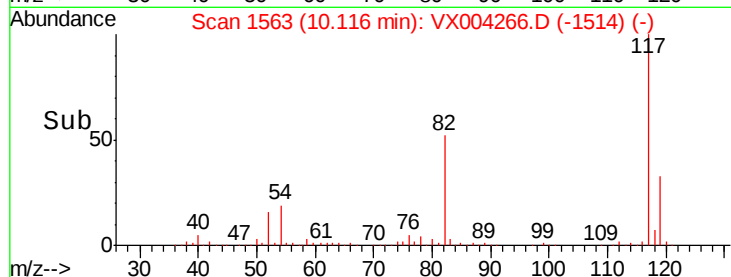
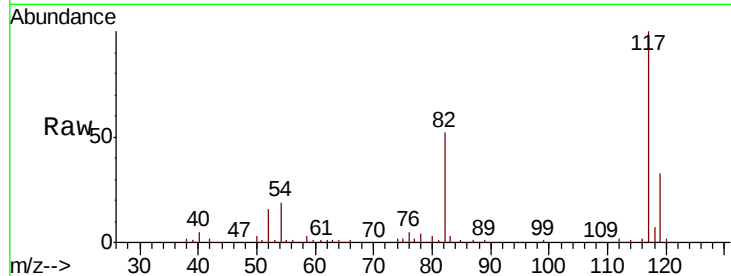




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

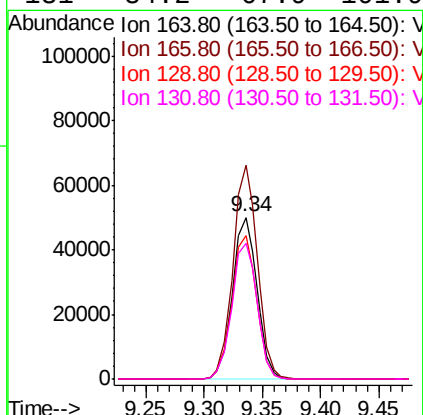
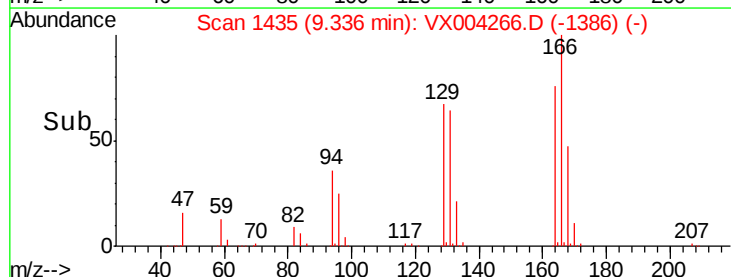
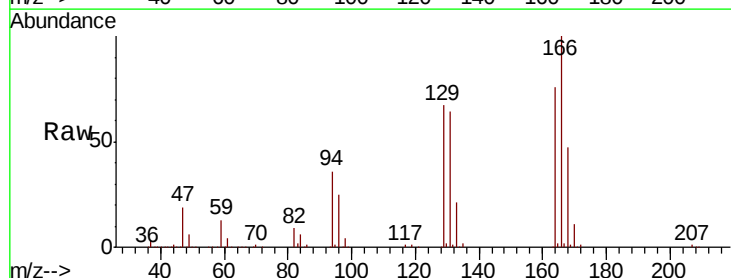
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

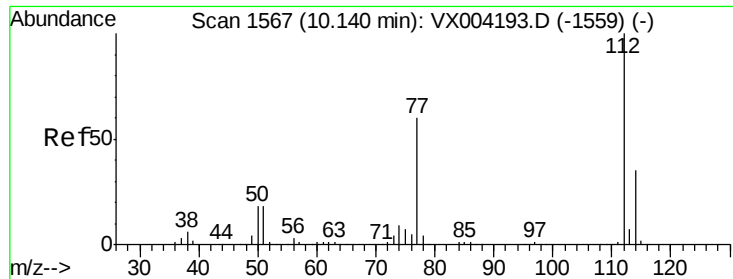
Tot Ion:117 Resp: 428583
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.9 29.3 43.9



#64
Tetrachloroethene
Concen: 17.49 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion:164 Resp: 74070
Ion Ratio Lower Upper
164 100
166 132.0 102.8 154.2
129 88.6 69.4 104.0
131 84.2 67.9 101.9

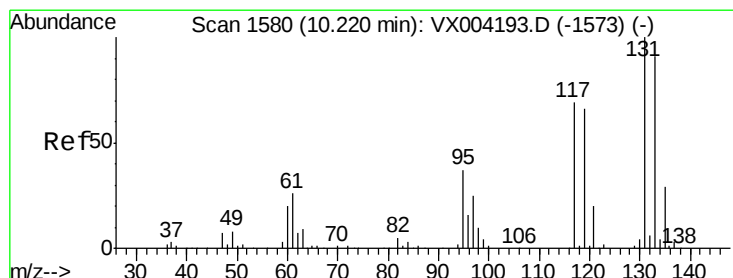
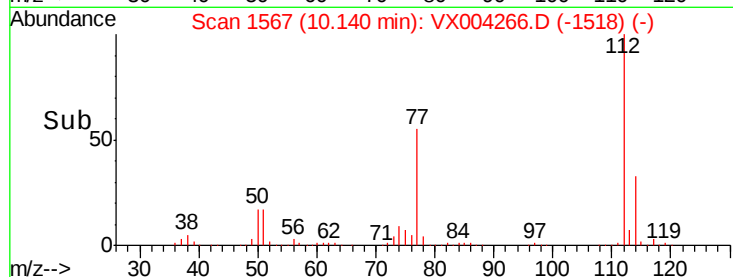
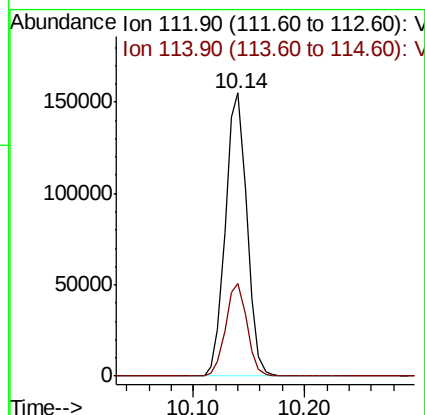
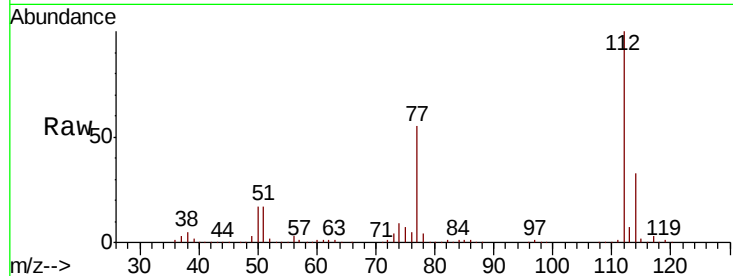




#65
Chlorobenzene
Concen: 19.32 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

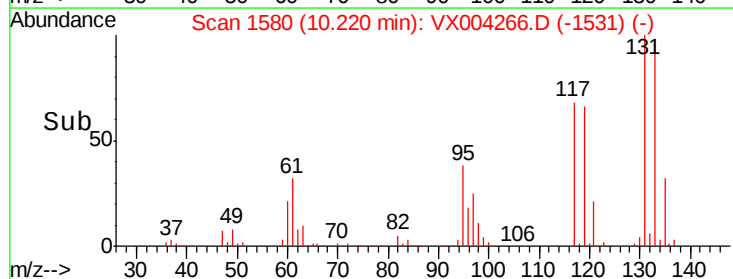
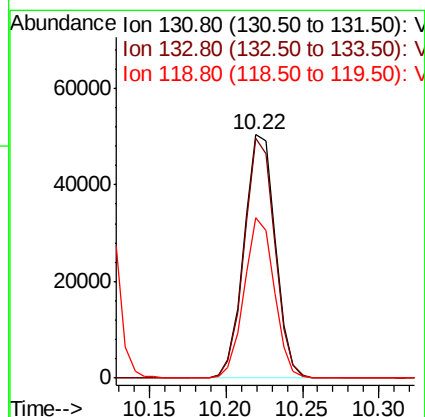
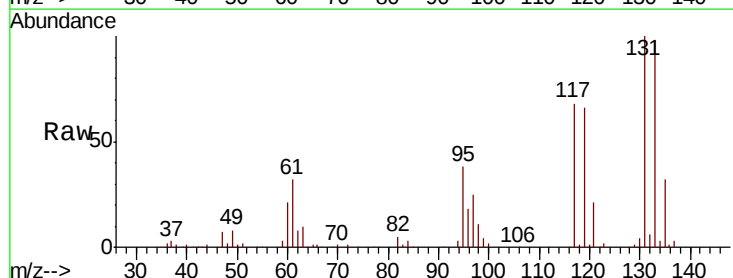
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

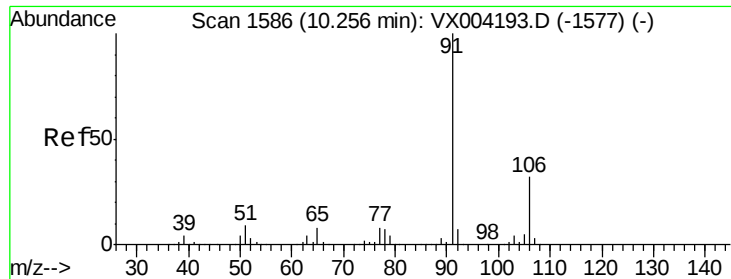
Tot Ion:112 Resp: 207842
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.29 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion:131 Resp: 71562
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 63.5 32.9 98.6





#67

Ethyl Benzene

Concen: 18.91 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

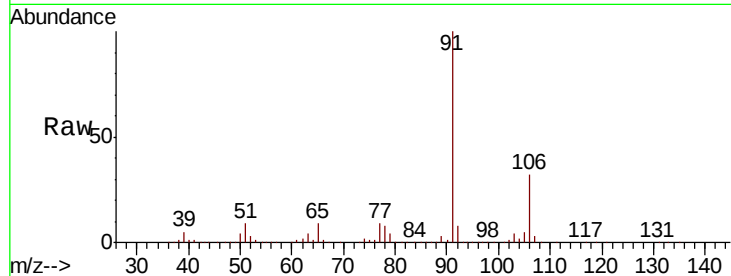
VX0827MBSD01

Tot Ion: 91 Resp: 330283

Ion Ratio Lower Upper

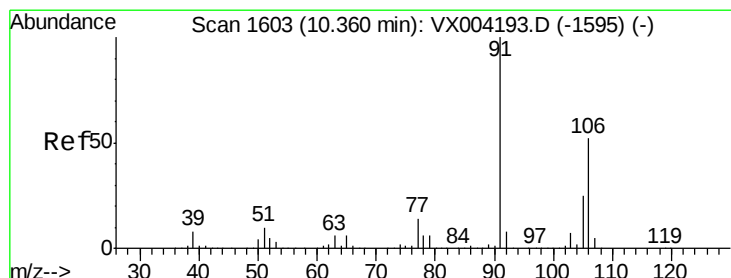
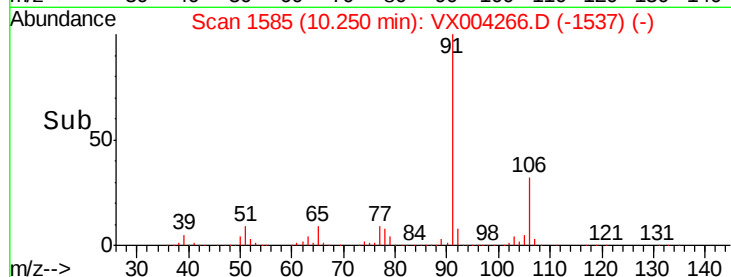
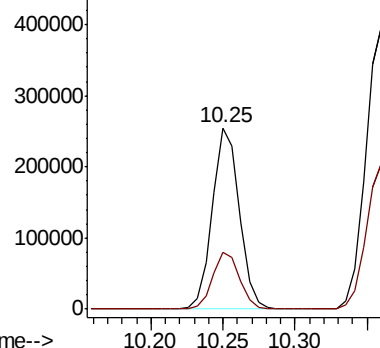
91 100

106 31.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.22 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004266.D

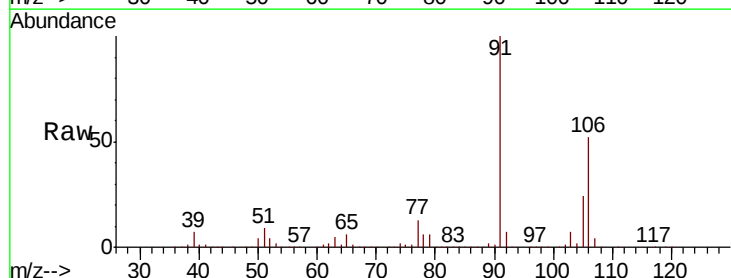
Acq: 27 Aug 2018 17:36

Tgt Ion: 106 Resp: 267880

Ion Ratio Lower Upper

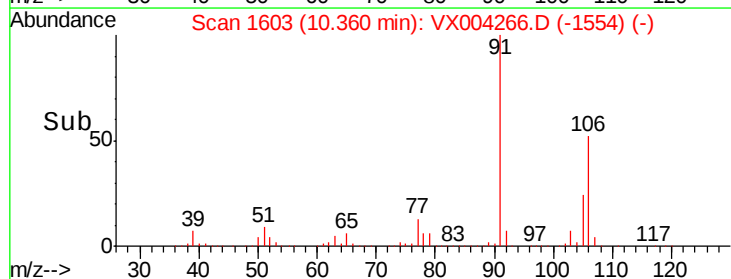
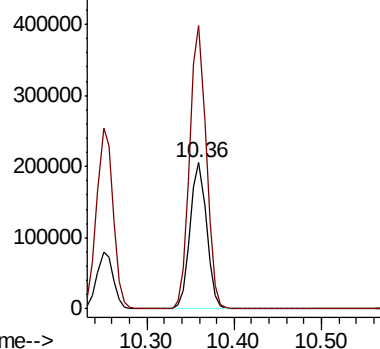
106 100

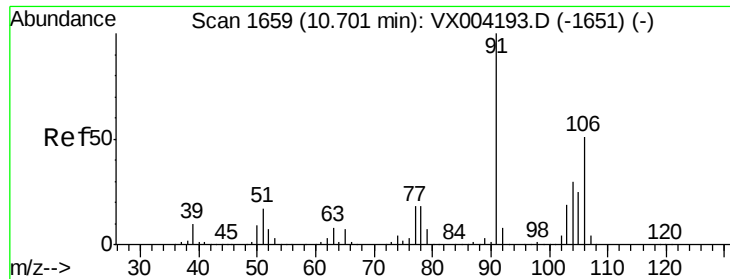
91 193.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

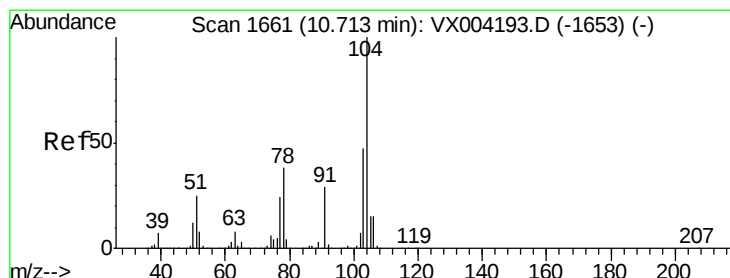
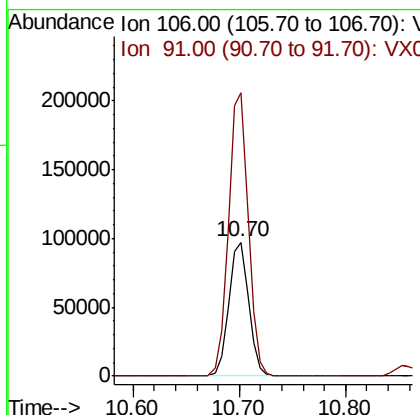
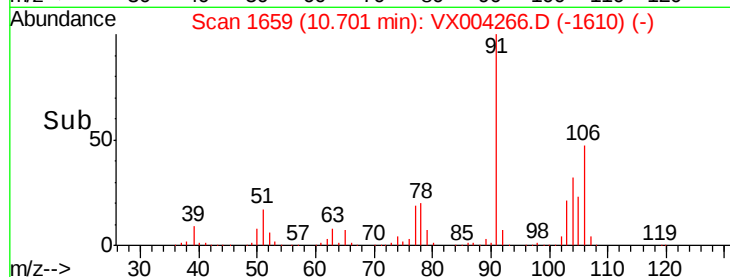
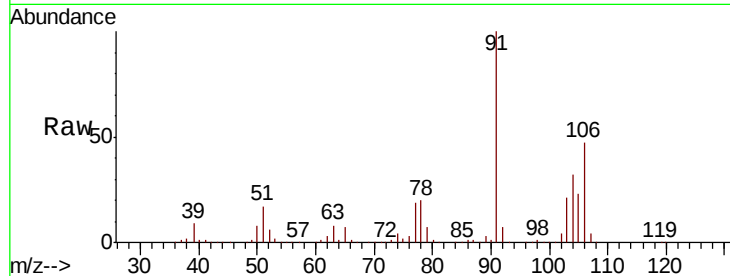




#69
o-Xylene
Concen: 19.74 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

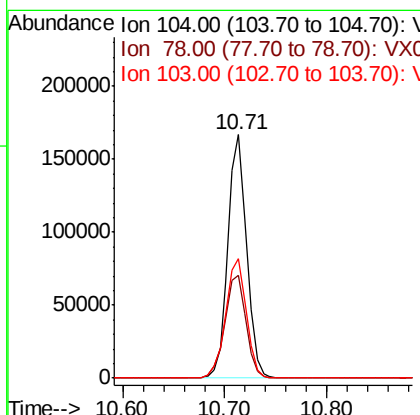
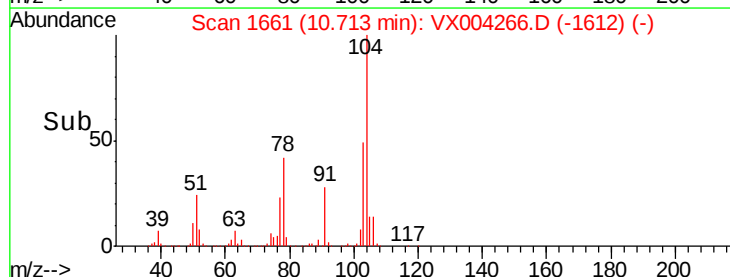
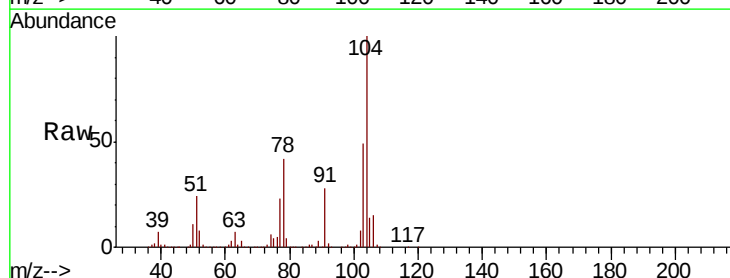
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

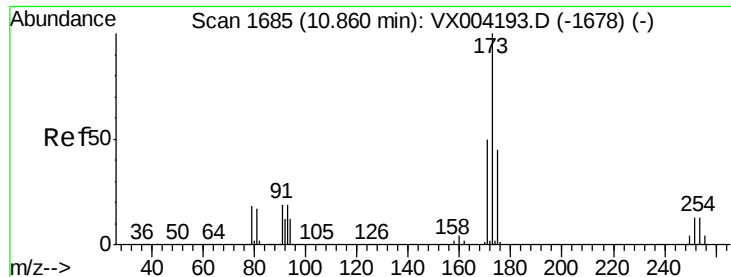
Tot Ion:106 Resp: 127541
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1



#70
Styrene
Concen: 20.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion:104 Resp: 211761
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 17.78 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

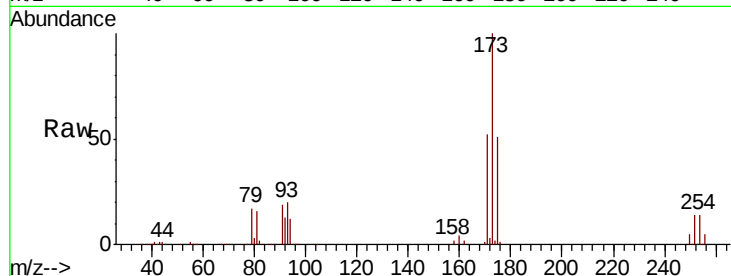
Tot Ion:173 Resp: 53180

Ion Ratio Lower Upper

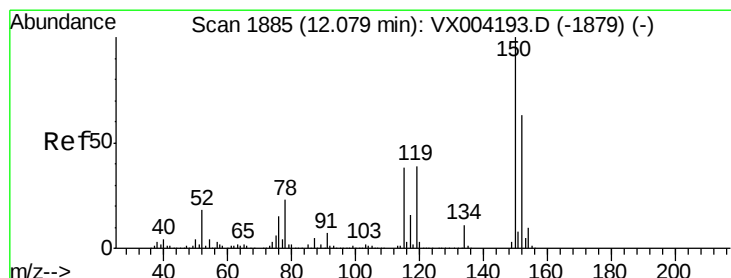
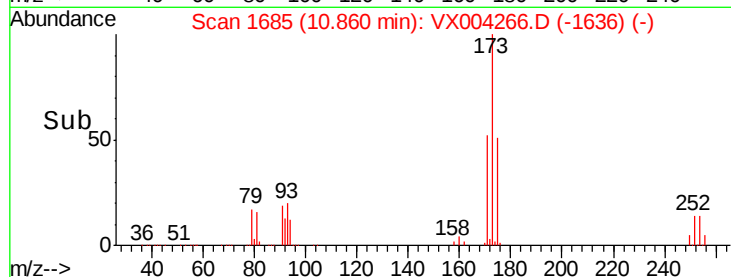
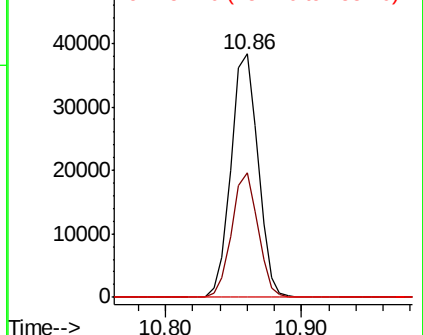
173 100

175 49.6 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

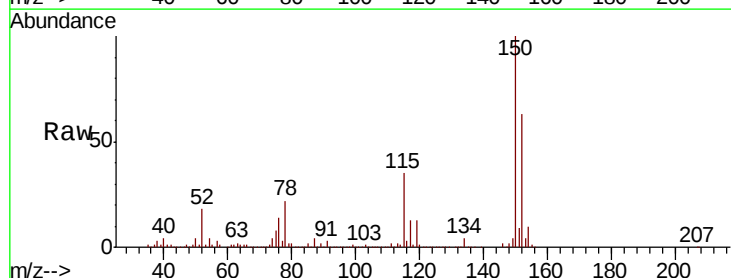
Tgt Ion:152 Resp: 257586

Ion Ratio Lower Upper

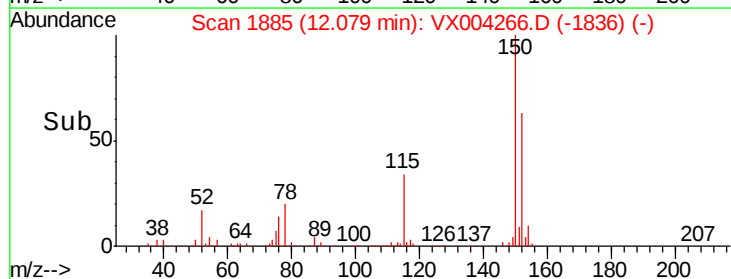
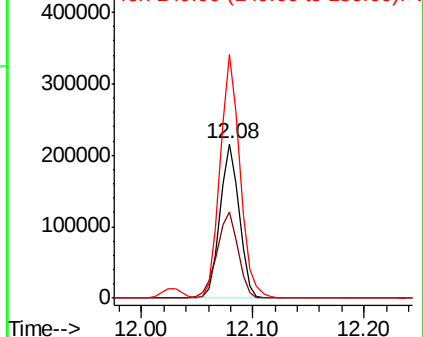
152 100

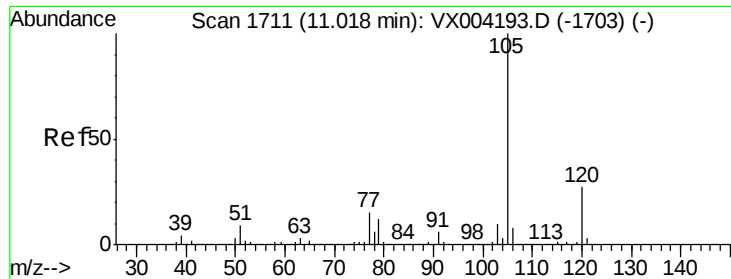
115 61.9 39.0 117.0

150 163.3 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: 19.58 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

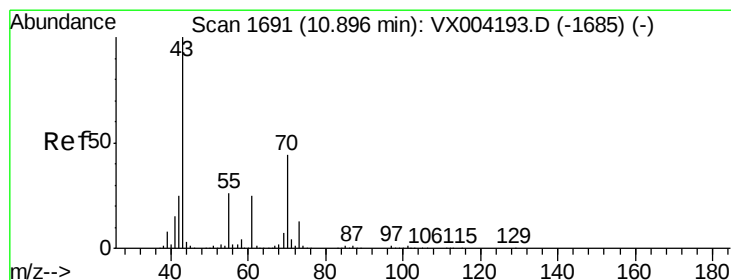
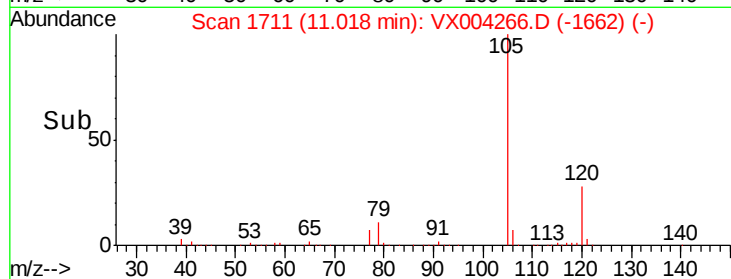
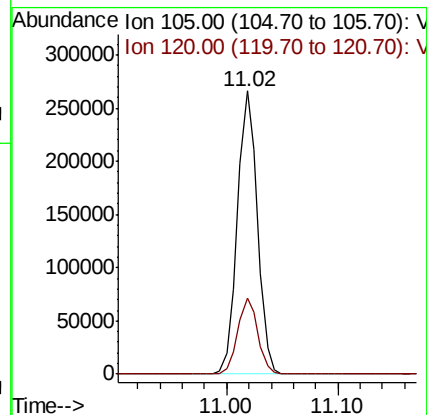
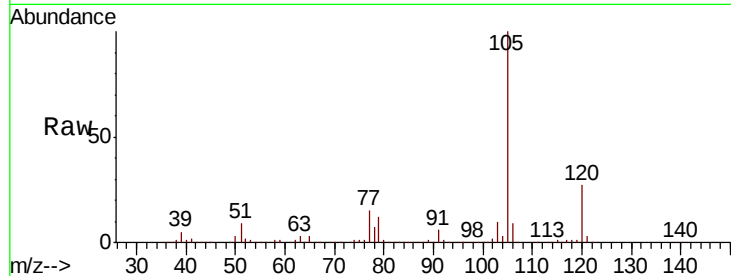
VX0827MBSD01

Tot Ion:105 Resp: 331306

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 20.48 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Tgt Ion: 43 Resp: 133433

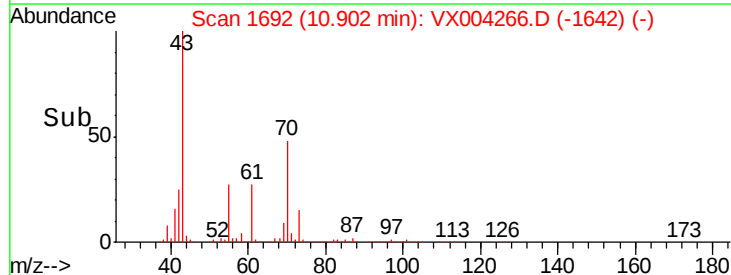
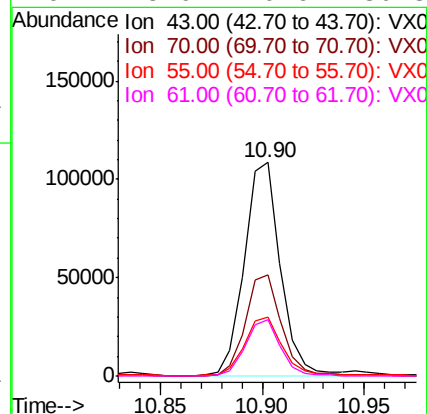
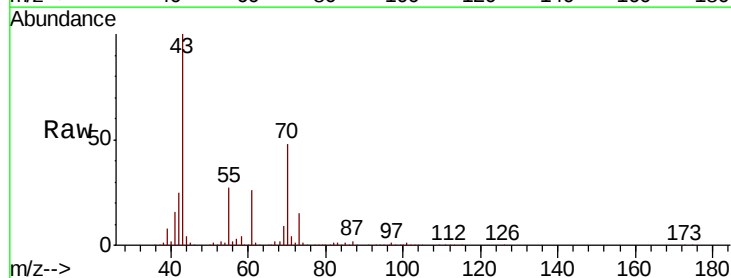
Ion Ratio Lower Upper

43 100

70 47.9 37.4 56.0

55 29.8 21.8 32.8

61 25.9 20.6 30.8

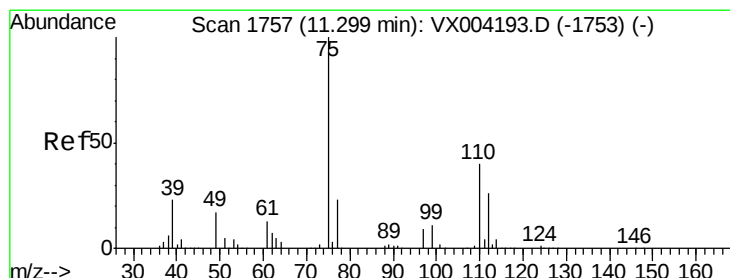
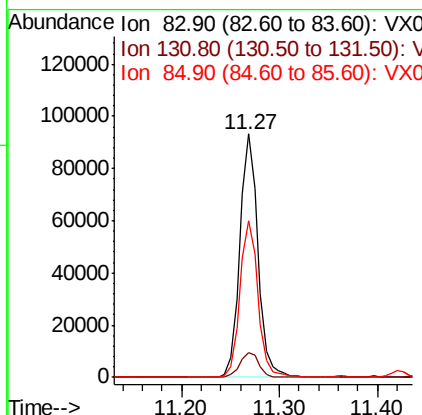
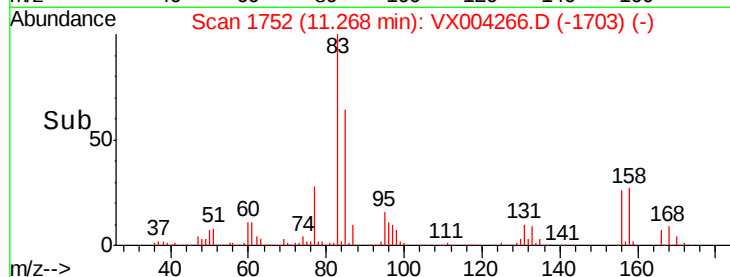
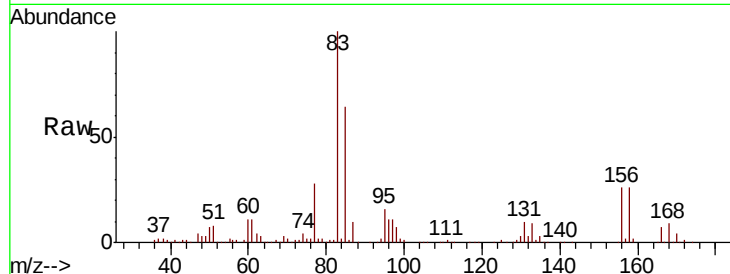




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.21 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

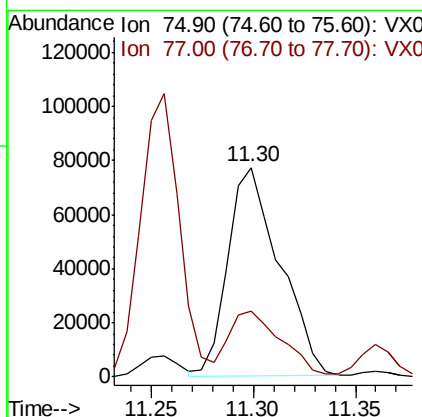
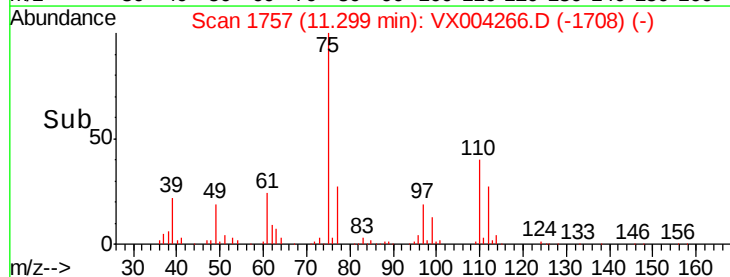
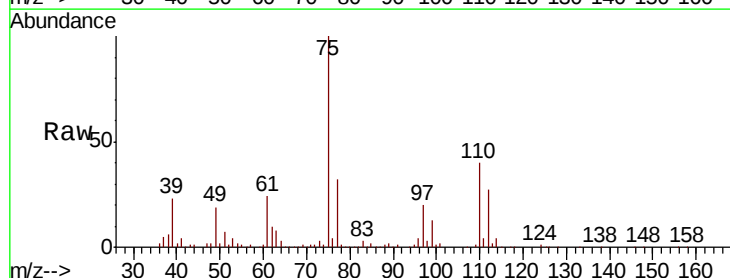
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

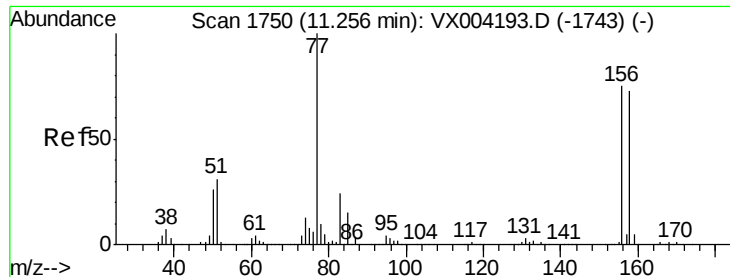
Tot Ion: 83 Resp: 119681
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 25.87 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion: 75 Resp: 135540
 Ion Ratio Lower Upper
 75 100
 77 31.6 20.2 60.6





#77

Bromobenzene

Concen: 20.03 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

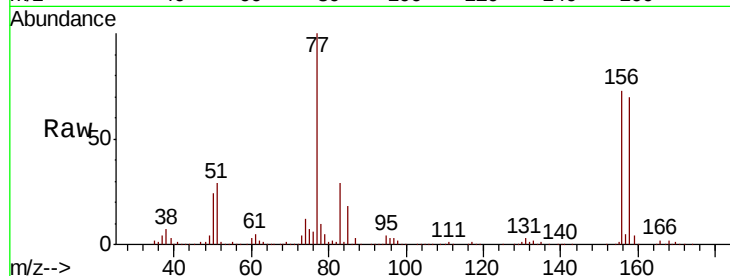
Tot Ion:156 Resp: 95036

Ion Ratio Lower Upper

156 100

77 145.9 71.5 214.3

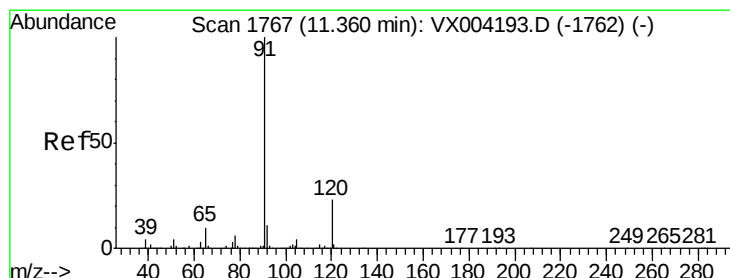
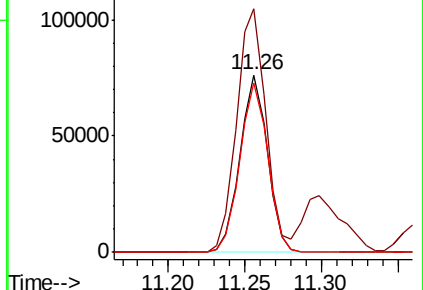
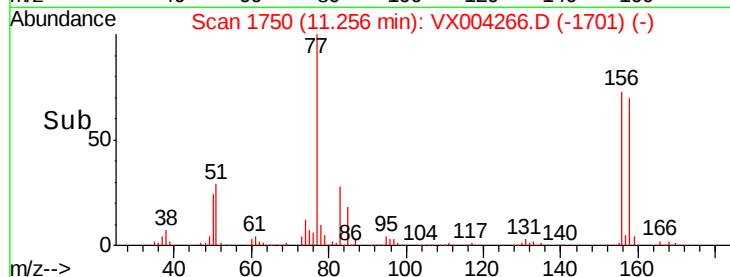
158 97.6 48.9 146.8



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: 19.33 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004266.D

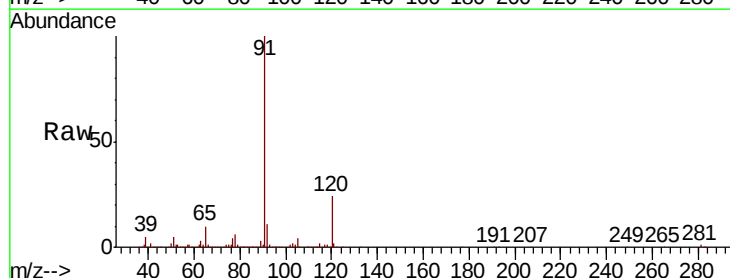
Acq: 27 Aug 2018 17:36

Tgt Ion: 91 Resp: 376132

Ion Ratio Lower Upper

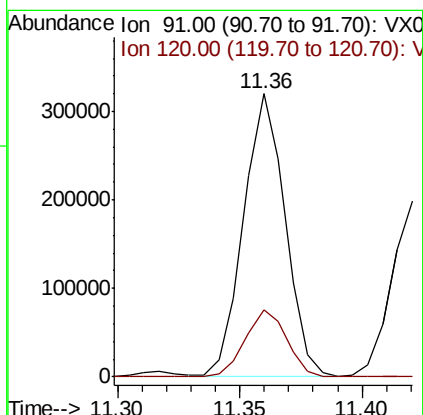
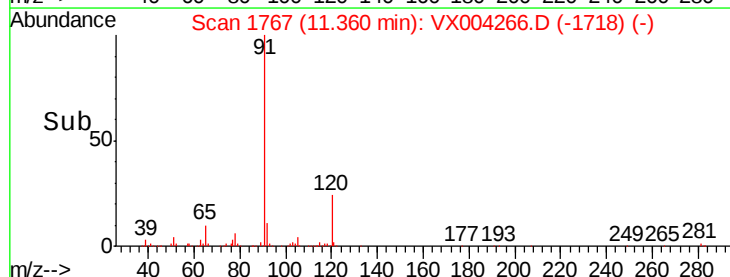
91 100

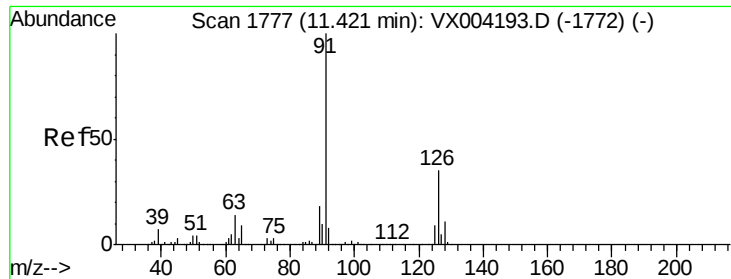
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

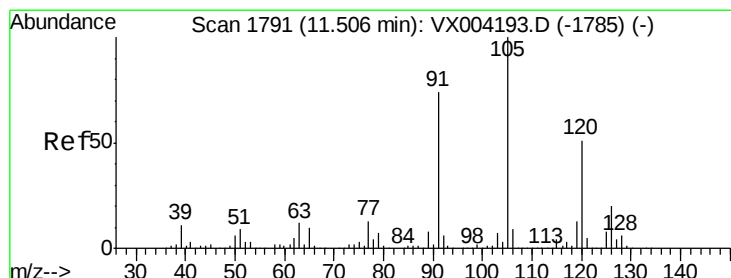
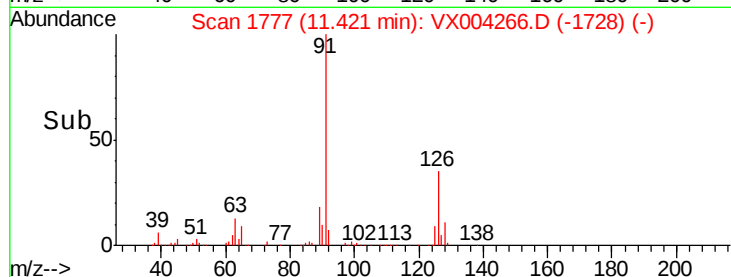
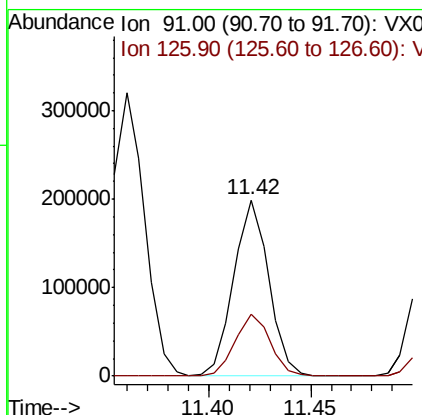
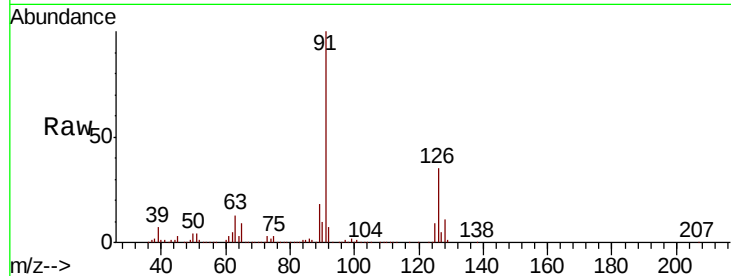




#79
 2-Chlorotoluene
 Concen: 19.63 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

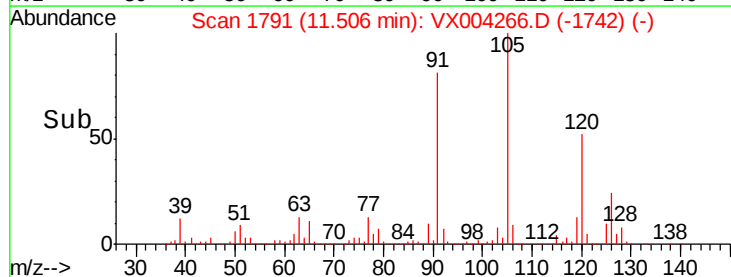
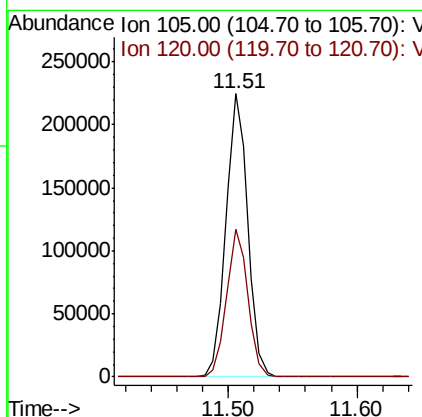
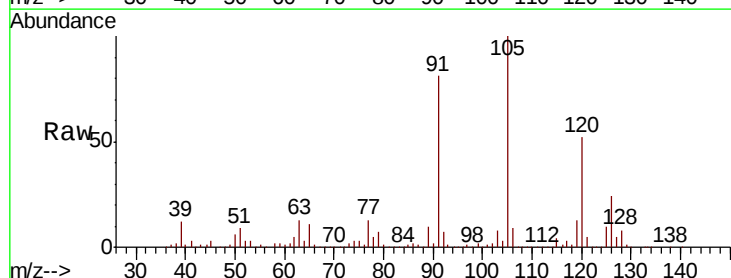
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

Tot Ion: 91 Resp: 235130
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.13 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion: 105 Resp: 267981
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.83 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

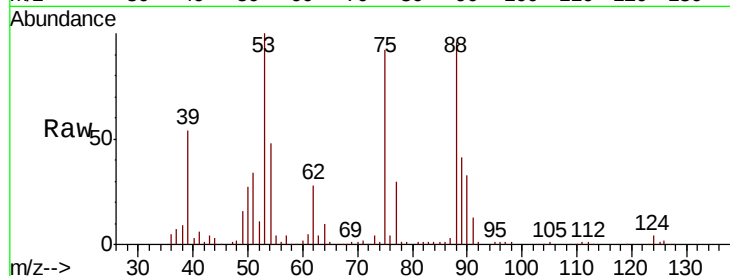
Tot Ion: 75 Resp: 32018

Ion Ratio Lower Upper

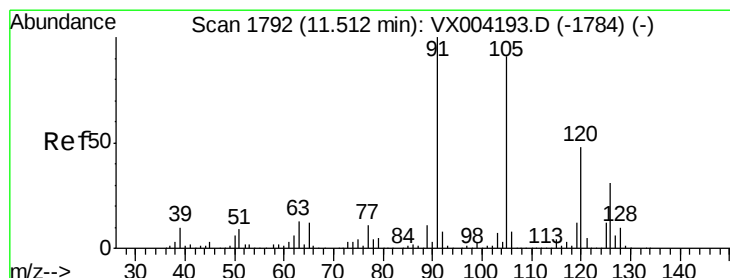
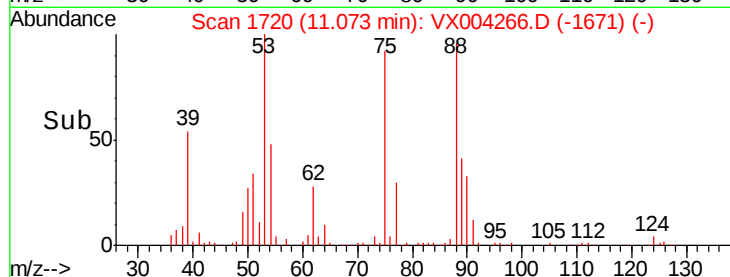
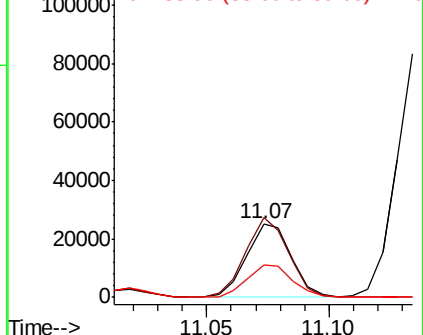
75 100

53 103.7 80.1 120.1

89 46.2 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: 19.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004266.D

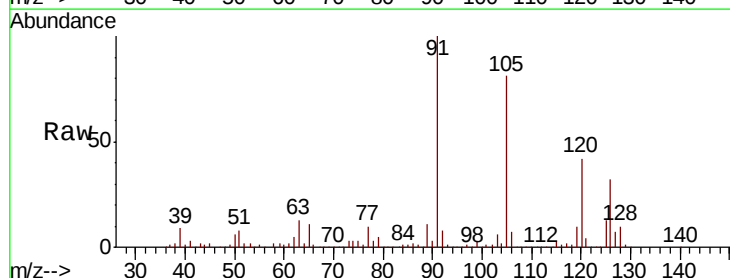
Acq: 27 Aug 2018 17:36

Tgt Ion: 91 Resp: 273536

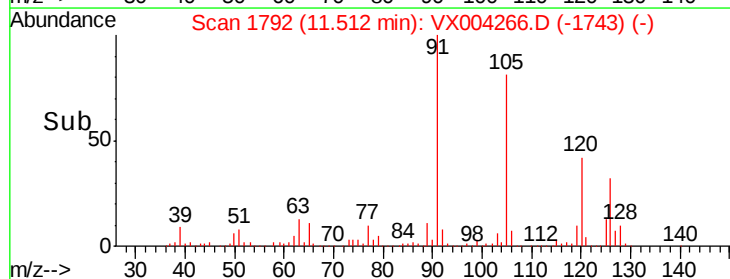
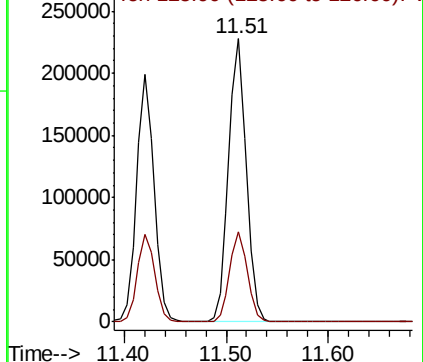
Ion Ratio Lower Upper

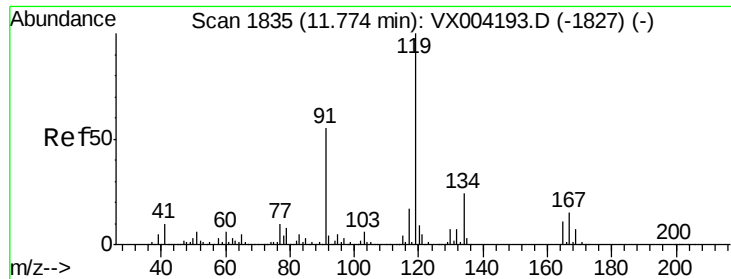
91 100

126 31.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

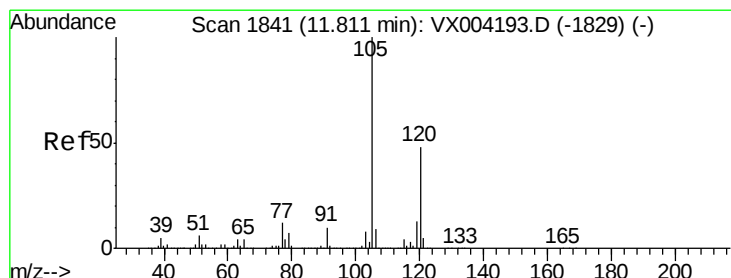
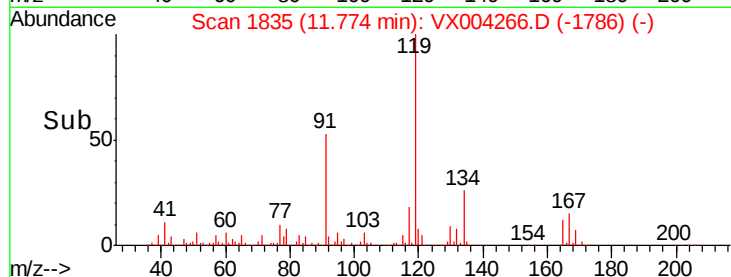
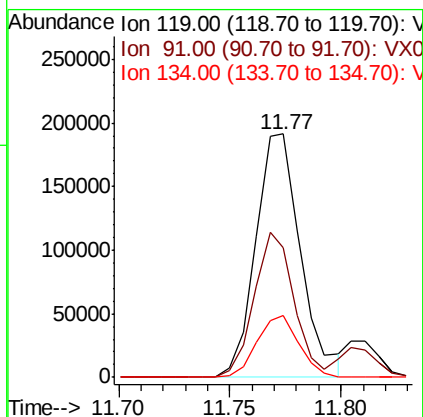
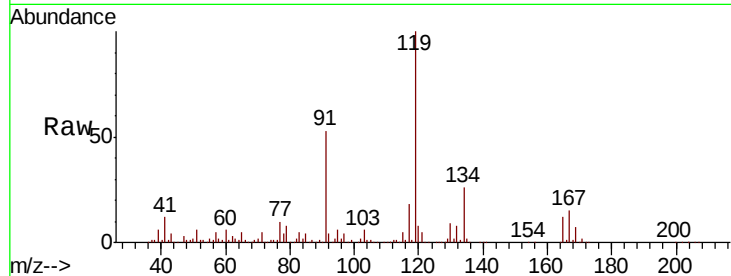




#83
 tert-Butylbenzene
 Concen: 19.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

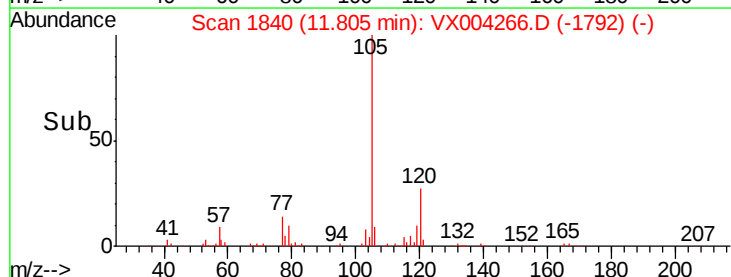
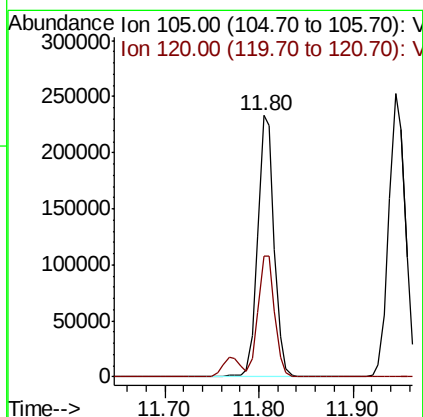
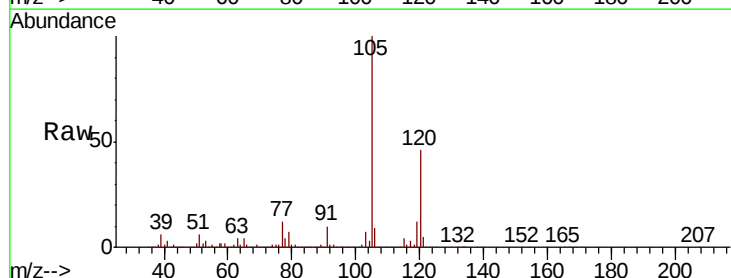
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0827MBSD01

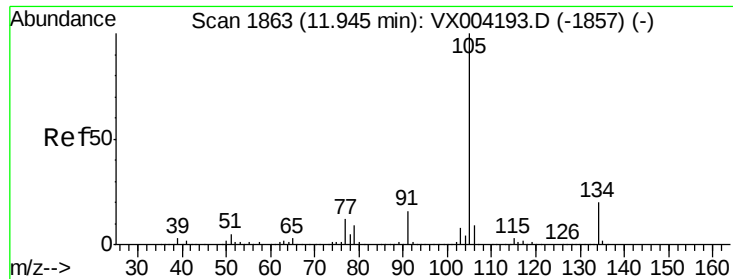
Tot Ion:119 Resp: 268211
 Ion Ratio Lower Upper
 119 100
 91 53.3 27.0 81.0
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.13 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion:105 Resp: 289486
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6

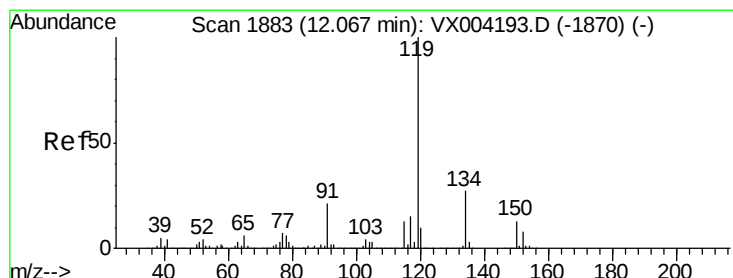
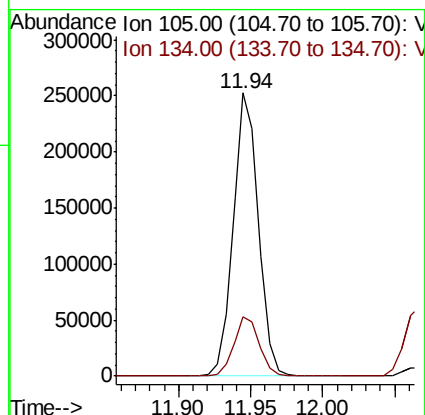
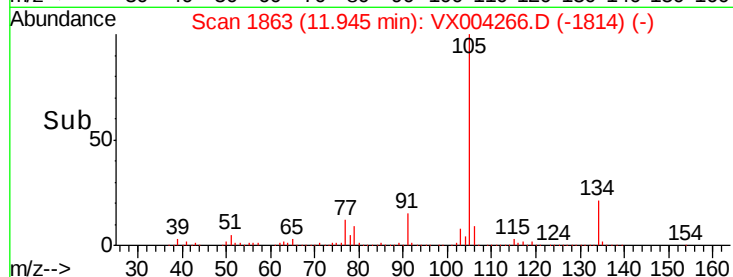
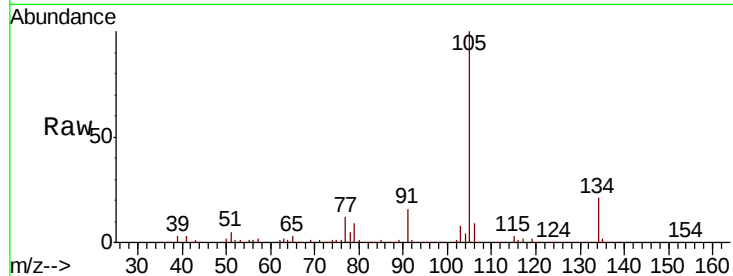




#85
 sec-Butylbenzene
 Concen: 18.42 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

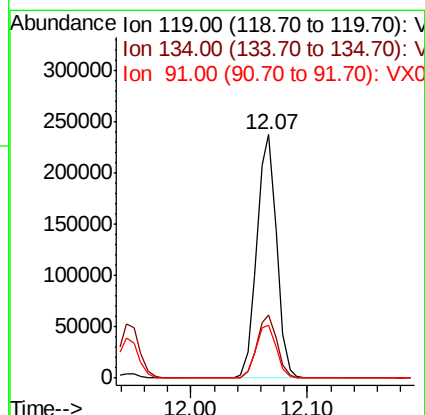
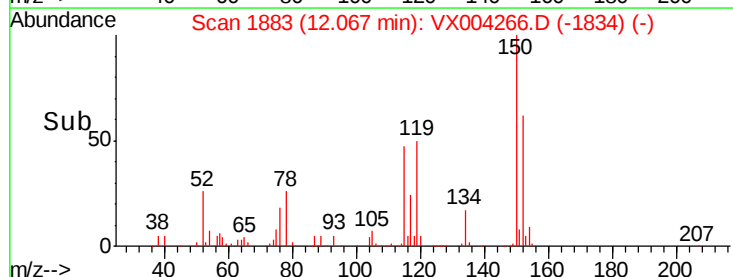
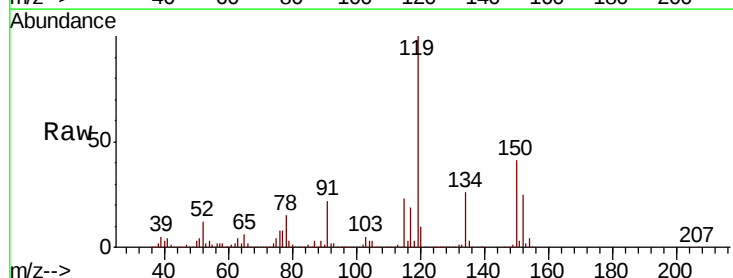
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

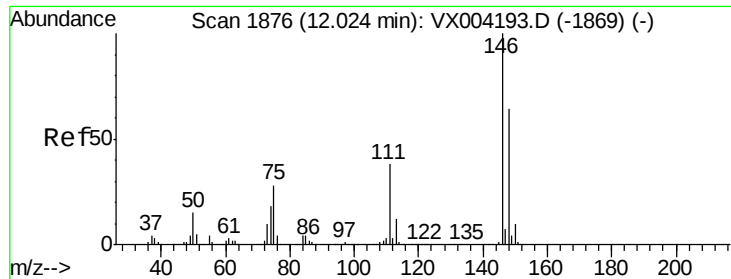
Tot Ion:105 Resp: 308193
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 18.88 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion:119 Resp: 283154
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.4 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 19.41 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

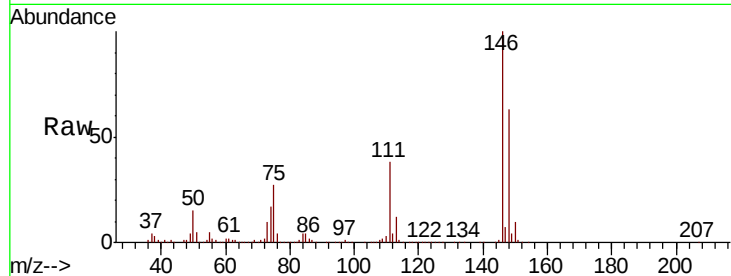
Tot Ion:146 Resp: 173412

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

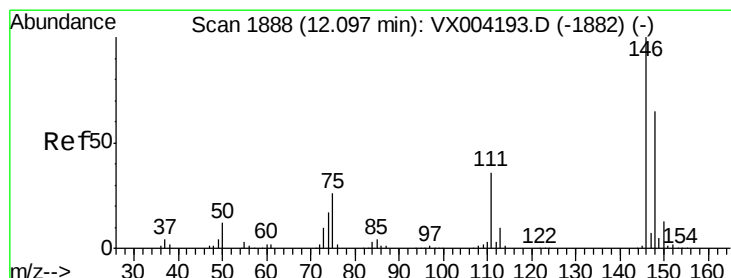
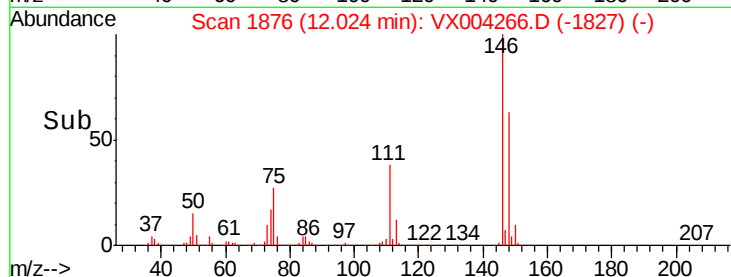
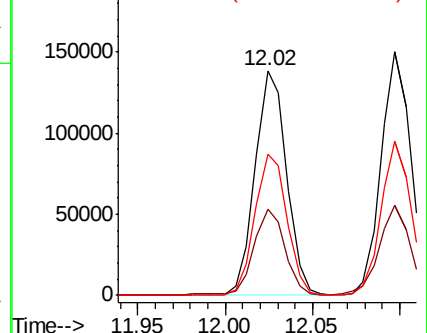
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.04 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

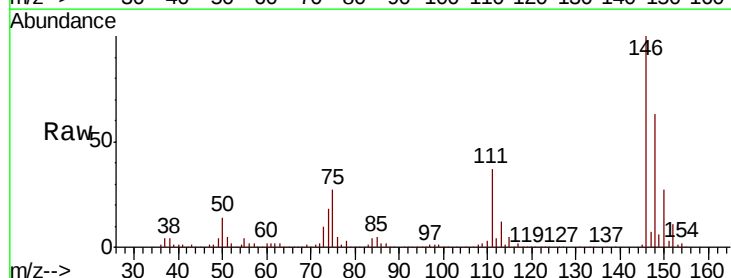
Tgt Ion:146 Resp: 179332

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

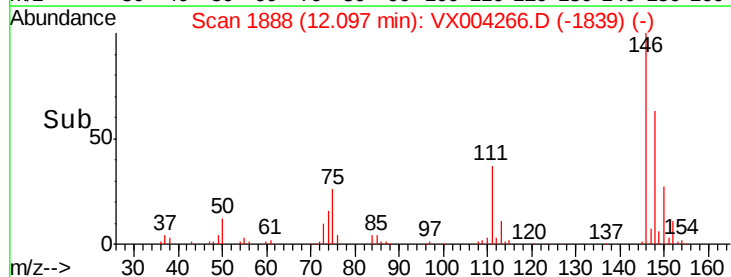
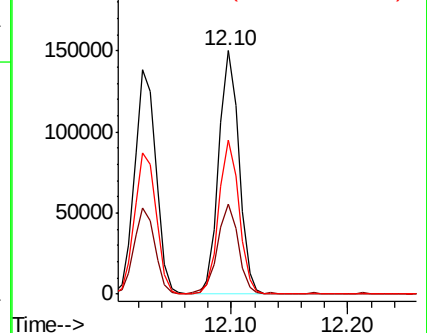
148 63.2 32.0 96.0

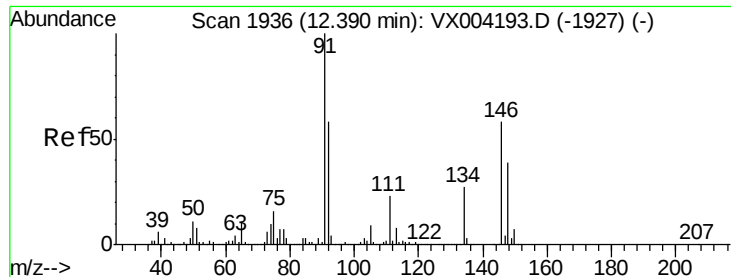


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

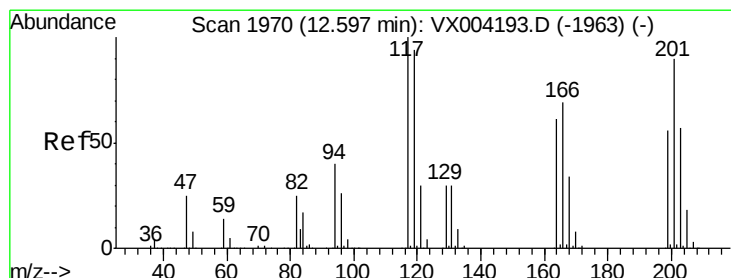
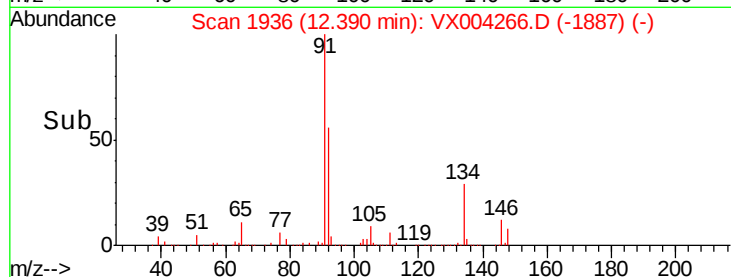
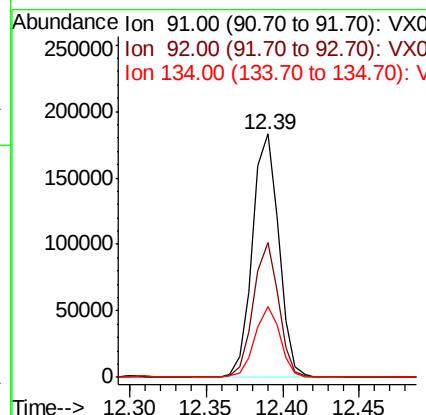
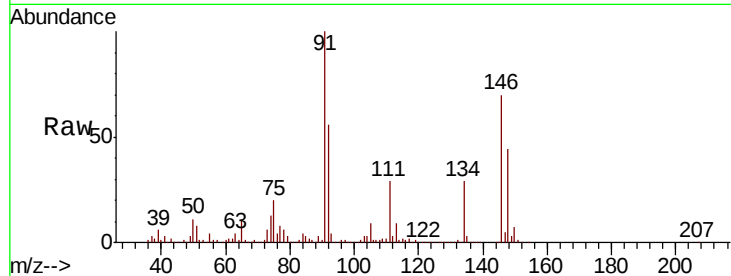




#89
n-Butylbenzene
Concen: 18.01 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

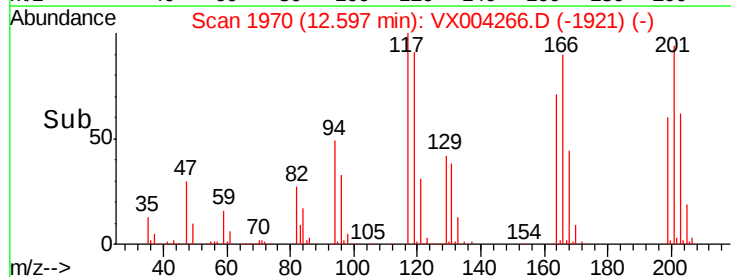
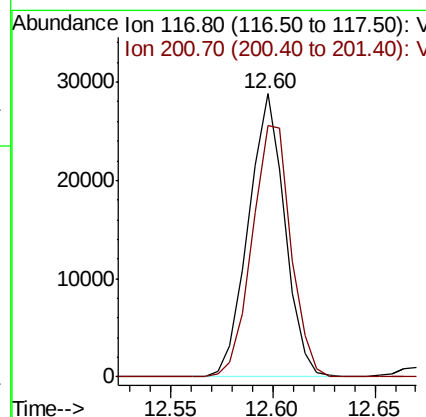
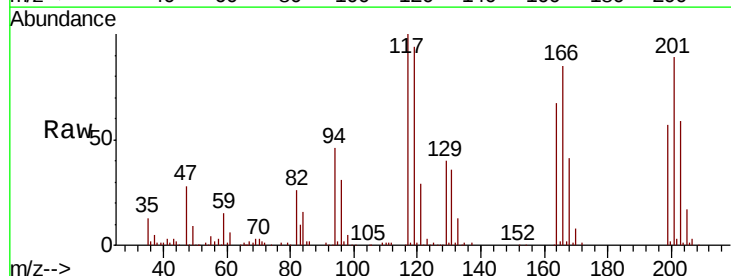
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBSD01

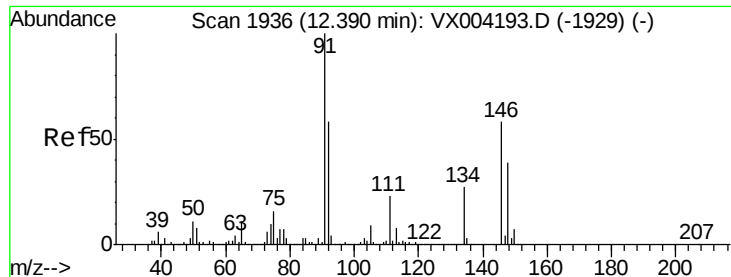
Tot Ion: 91 Resp: 219585
Ion Ratio Lower Upper
91 100
92 53.4 27.3 81.9
134 28.2 13.6 40.7



#90
Hexachloroethane
Concen: 17.04 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004266.D
Acq: 27 Aug 2018 17:36

Tgt Ion: 117 Resp: 35726
Ion Ratio Lower Upper
117 100
201 95.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.14 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

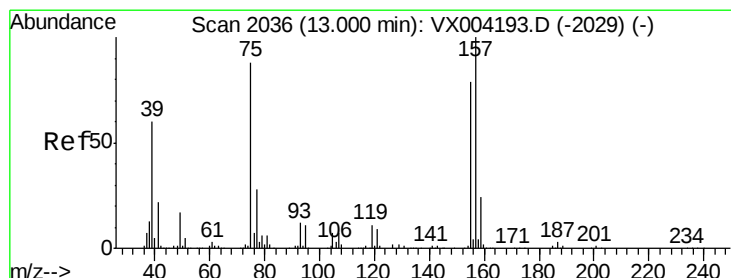
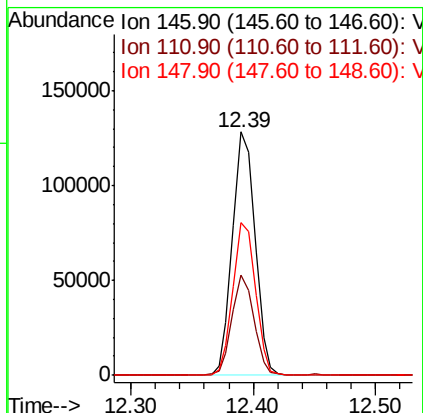
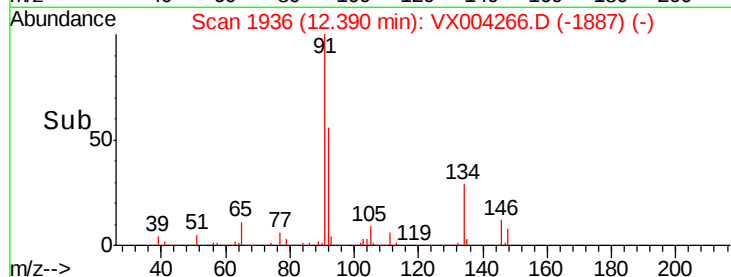
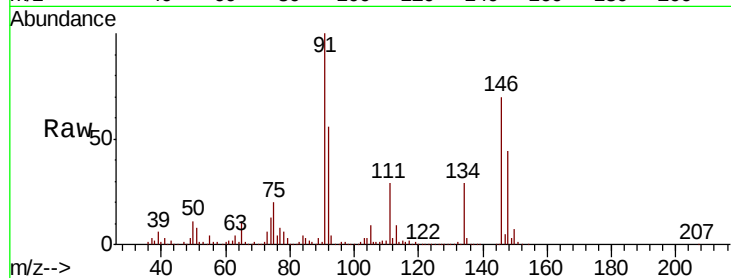
Tot Ion:146 Resp: 164493

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

148 62.7 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.14 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

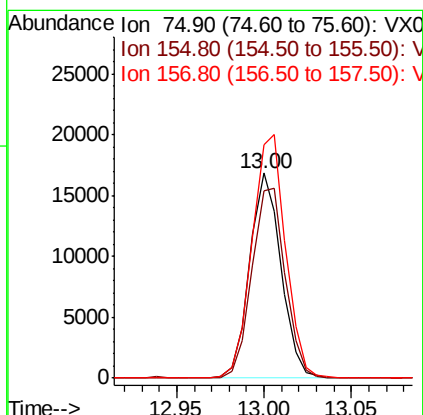
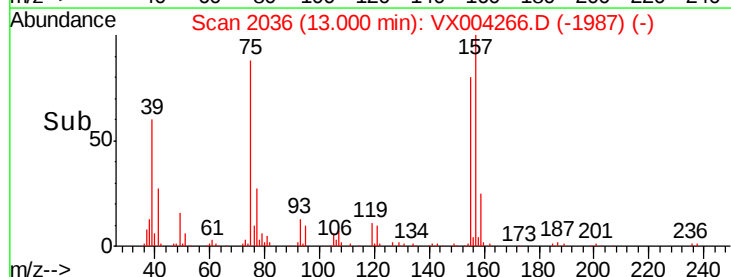
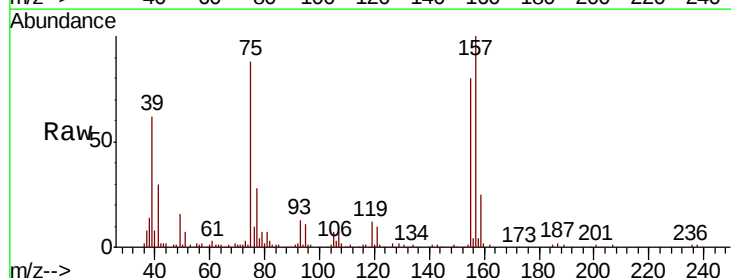
Tgt Ion: 75 Resp: 21001

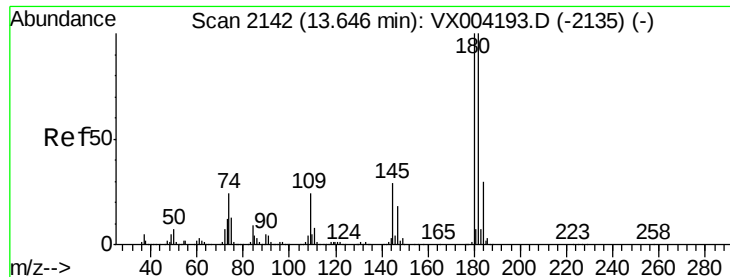
Ion Ratio Lower Upper

75 100

155 99.0 48.0 144.2

157 126.5 61.4 184.1

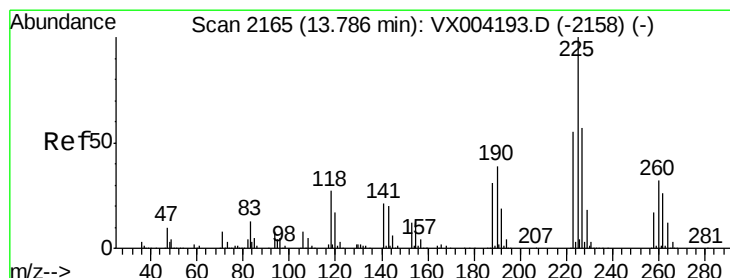
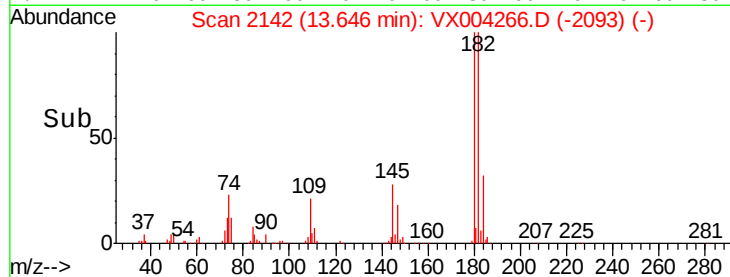
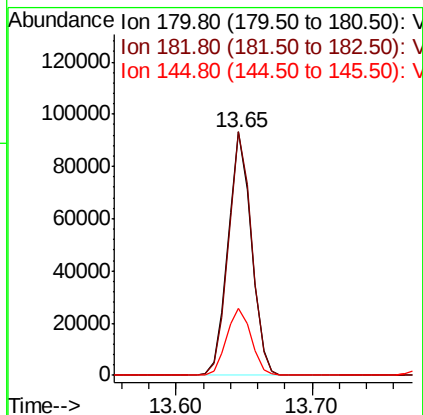
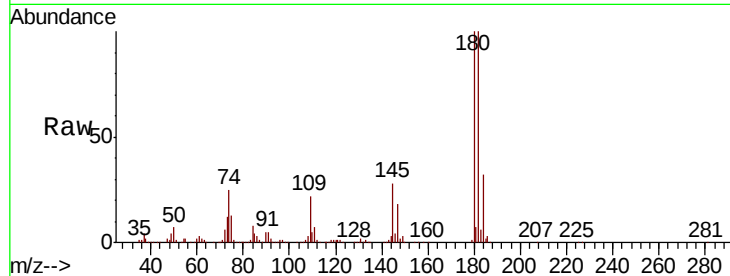




#93
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

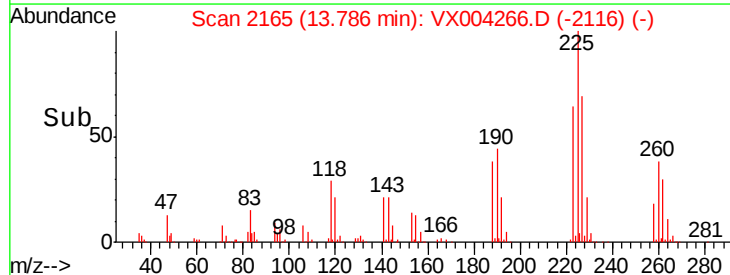
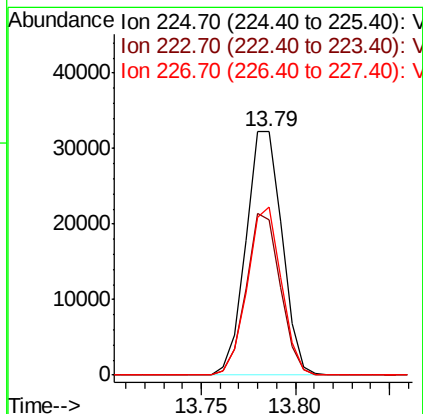
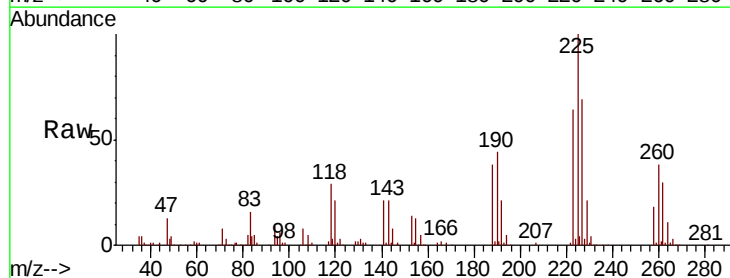
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBSD01

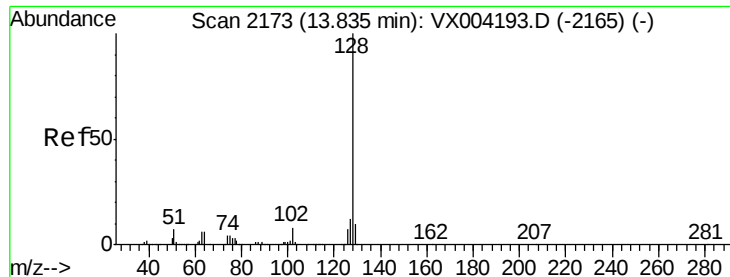
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	48.4	145.0
145	29.6	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 15.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004266.D
 Acq: 27 Aug 2018 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.1	90.5
227	64.8	30.8	92.4





#95

Naphthalene

Concen: 22.43 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBSD01

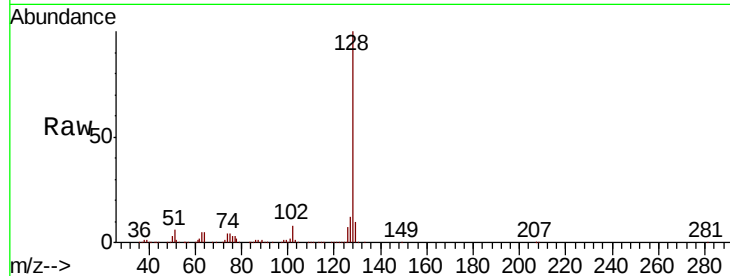
Tot Ion:128 Resp: 376882

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

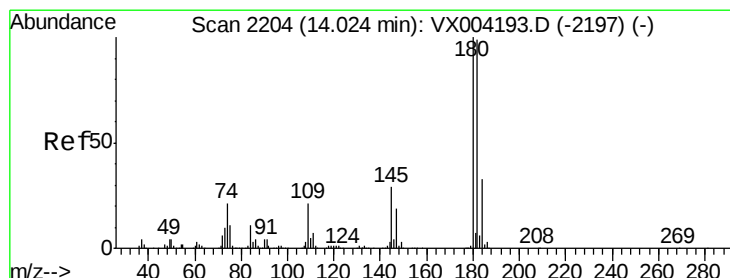
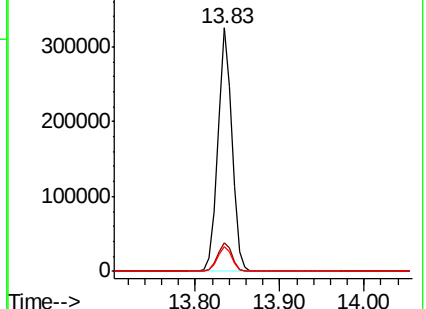
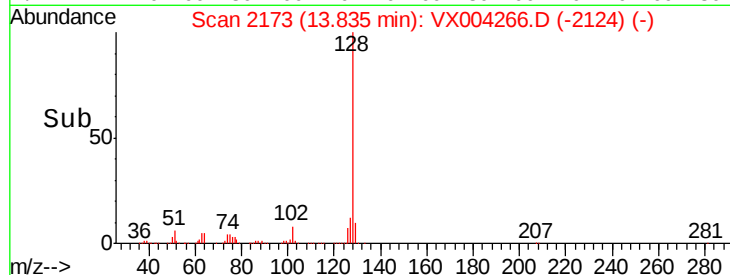
129 10.3 8.6 12.8



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: 19.93 ug/l

RT: 14.02 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VX004266.D

Acq: 27 Aug 2018 17:36

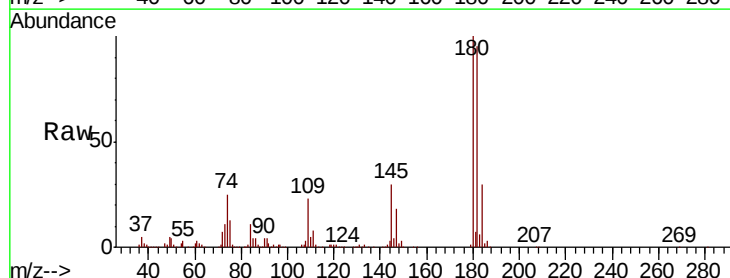
Tgt Ion:180 Resp: 125340

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.4 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

