

Data File : VX019594.D
Acq On : 24 Nov 2020 09:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Nov 25 03:58:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	455202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170174	48.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.04%
35) Dibromofluoromethane	5.46	113	138656	48.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.06%
50) Toluene-d8	8.70	98	519260	46.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.54%
62) 4-Bromofluorobenzene	11.12	95	196156	49.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118726	44.669	ug/l	98
3) Chloromethane	1.31	50	132585	43.471	ug/l	97
4) Vinyl Chloride	1.39	62	143178	43.609	ug/l	99
5) Bromomethane	1.62	94	58500	47.041	ug/l	99
6) Chloroethane	1.70	64	53177	68.010	ug/l	97
7) Trichlorofluoromethane	1.90	101	207023	43.687	ug/l	99
8) Diethyl Ether	2.17	74	94763	49.932	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119341	45.142	ug/l	99
10) Methyl Iodide	2.48	142	171559	49.397	ug/l	100
11) Tert butyl alcohol	3.04	59	173485	258.677	ug/l	100
12) 1,1-Dichloroethene	2.35	96	119410	44.006	ug/l	97
13) Acrolein	2.27	56	90314	200.334	ug/l	99
14) Allyl chloride	2.70	41	195024	45.879	ug/l	99
15) Acrylonitrile	3.12	53	400300	253.089	ug/l	100
16) Acetone	2.42	43	388962	283.821	ug/l	99
17) Carbon Disulfide	2.54	76	304283	41.741	ug/l	100
18) Methyl Acetate	2.75	43	165273	49.196	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	493730	52.713	ug/l	98
20) Methylene Chloride	2.83	84	158808	46.363	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141494	46.024	ug/l	99
22) Diisopropyl ether	3.82	45	442753	50.349	ug/l	93
23) Vinyl Acetate	3.78	43	1946006	263.827	ug/l	99
24) 1,1-Dichloroethane	3.66	63	255946	47.585	ug/l	99
25) 2-Butanone	4.64	43	559403	271.730	ug/l	98
26) 2,2-Dichloropropane	4.54	77	220667	47.002	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	174952	49.541	ug/l	100
28) Bromochloromethane	4.97	49	117884	45.841	ug/l	97
29) Tetrahydrofuran	5.09	42	325545	247.840	ug/l	99
30) Chloroform	5.17	83	274480	48.803	ug/l	98
31) Cyclohexane	5.54	56	205054	44.489	ug/l	98
32) 1,1,1-Trichloroethane	5.45	97	225748	46.727	ug/l	100
36) 1,1-Dichloropropene	5.76	75	189578	44.423	ug/l	98
37) Ethyl Acetate	4.79	43	202574	50.563	ug/l	99
38) Carbon Tetrachloride	5.74	117	189296	45.827	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222445	44.767	ug/l	99
40) Benzene	6.10	78	613116	46.760	ug/l	99
41) Methacrylonitrile	5.00	41	111940	50.668	ug/l	99
42) 1,2-Dichloroethane	6.15	62	223286	49.683	ug/l	100
43) Isopropyl Acetate	6.41	43	338330	50.237	ug/l	100
44) Trichloroethene	7.18	130	160826	46.826	ug/l	94
45) 1,2-Dichloropropane	7.48	63	158254	49.027	ug/l	99
46) Dibromomethane	7.63	93	111222	50.343	ug/l	99
47) Bromodichloromethane	7.87	83	219612	51.227	ug/l	97
48) Methyl methacrylate	7.74	41	165765	52.557	ug/l	100
49) 1,4-Dioxane	7.71	88	75939	1060.410	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1001687	255.066	ug/l	100
52) Toluene	8.76	92	391913	48.859	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	249161	53.816	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	270342	52.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165358	50.618	ug/l	99
56) Ethyl methacrylate	9.16	69	252690	54.665	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278786	50.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	662744	244.684	ug/l	99
59) 2-Hexanone	9.47	43	784928	263.535	ug/l	99
60) Dibromochloromethane	9.56	129	167778	52.434	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173465	51.514	ug/l	97
64) Tetrachloroethene	9.32	164	134567	41.012	ug/l	98
65) Chlorobenzene	10.12	112	417808	48.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156898	50.259	ug/l	98
67) Ethyl Benzene	10.23	91	728569	48.458	ug/l	97
68) m/p-Xylenes	10.34	106	549960	98.181	ug/l	99
69) o-Xylene	10.68	106	266921	49.849	ug/l	100
70) Styrene	10.70	104	461960	46.719	ug/l	100
71) Bromoform	10.84	173	118142	45.059	ug/l #	99
73) Isopropylbenzene	11.00	105	694903	49.483	ug/l	99
74) N-amyl acetate	10.88	43	287307	54.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249382	49.658	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	281559	63.554	ug/l	87
77) Bromobenzene	11.24	156	181049	50.501	ug/l	98
78) n-propylbenzene	11.34	91	782120	48.547	ug/l	100
79) 2-Chlorotoluene	11.40	91	485547	49.696	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	581915	49.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80885	49.370	ug/l	100
82) 4-Chlorotoluene	11.49	91	573785	49.887	ug/l	100
83) tert-Butylbenzene	11.76	119	571141	50.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	598607	50.220	ug/l	98
85) sec-Butylbenzene	11.93	105	642580	47.392	ug/l	100
86) p-Isopropyltoluene	12.05	119	597813	48.562	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	323422	49.123	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327724	48.324	ug/l	99
89) n-Butylbenzene	12.37	91	522560	46.954	ug/l	98
90) Hexachloroethane	12.58	117	99323	48.216	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	323926	48.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51768	50.528	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\
Quantitation Report (Not Reviewed)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216317	50.953	ug/l	98
94) Hexachlorobutadiene	13.76	225	83817	43.339	ug/l	98
95) Naphthalene	13.82	128	721598	48.270	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214970	50.622	ug/l	99

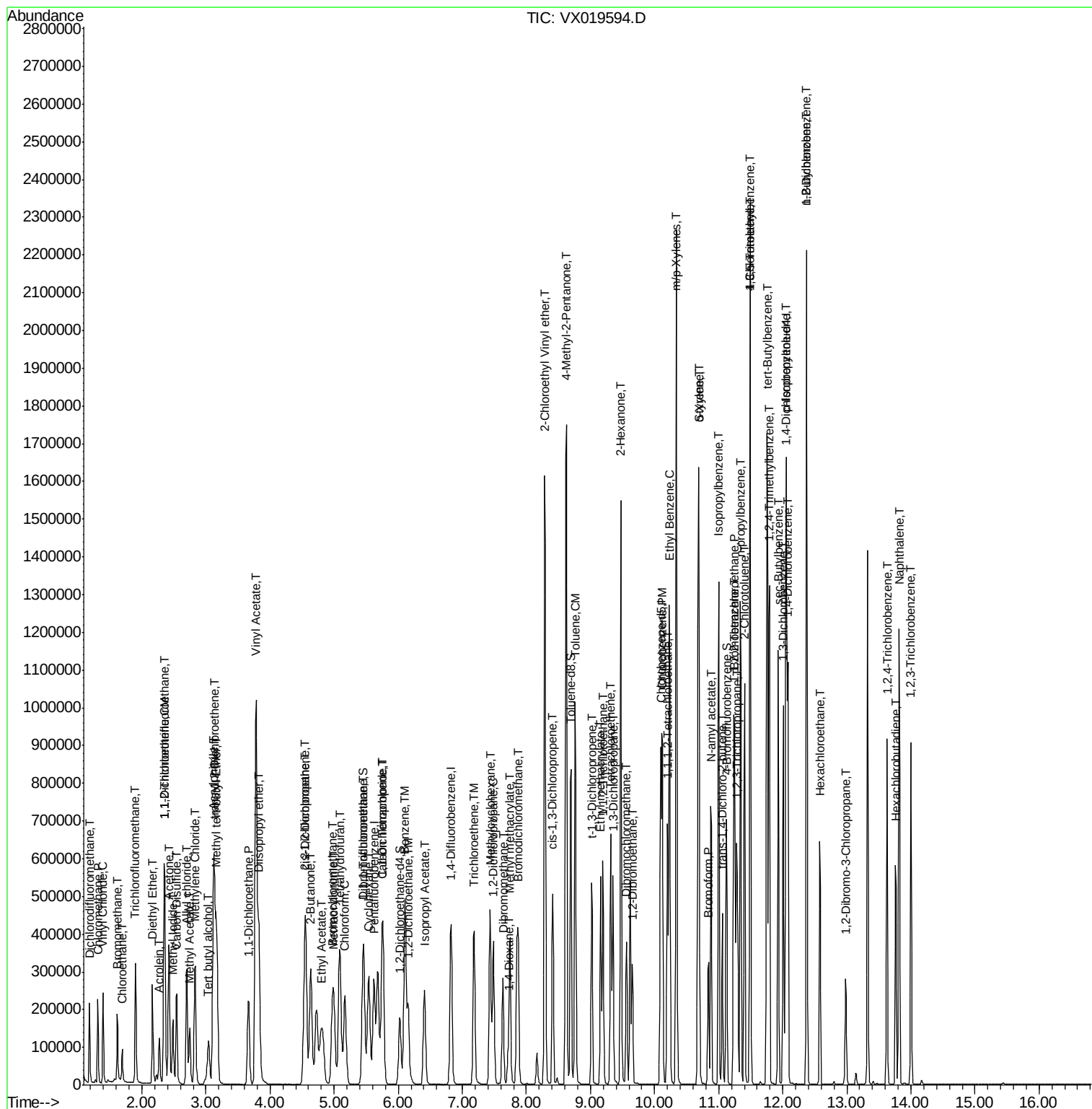
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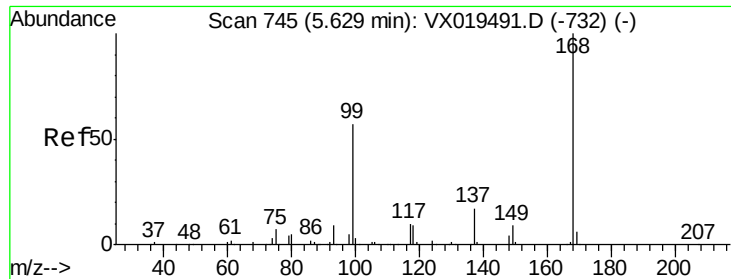
Data File : VX019594.D

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

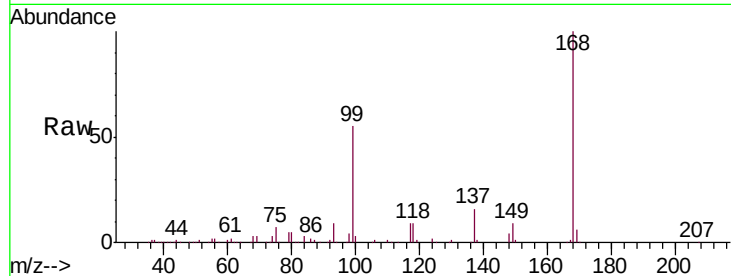
BFB

Tgt Ion:168 Resp: 273317

Ion Ratio Lower Upper

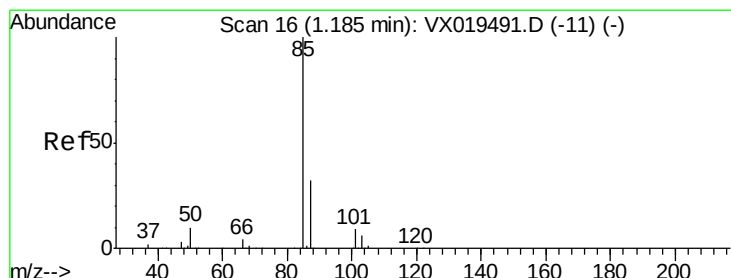
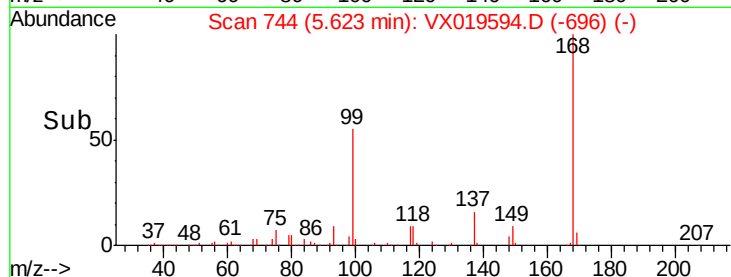
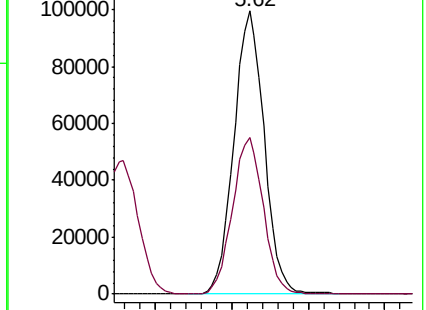
168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.669 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019594.D

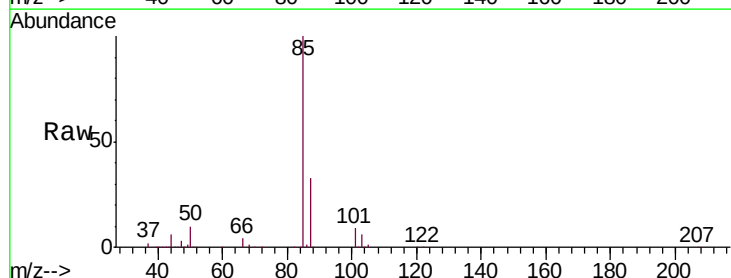
Acq: 24 Nov 2020 09:47

Tgt Ion: 85 Resp: 118726

Ion Ratio Lower Upper

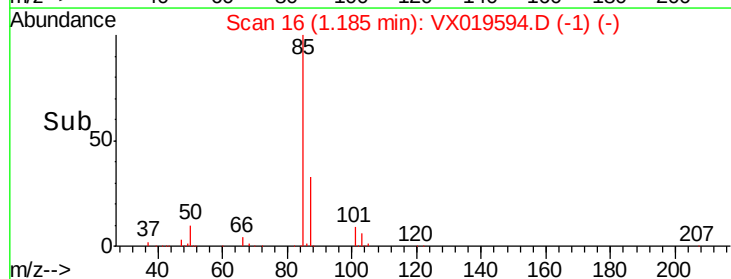
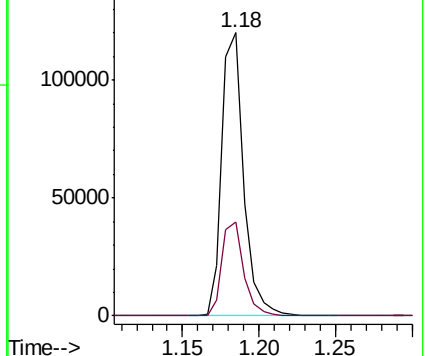
85 100

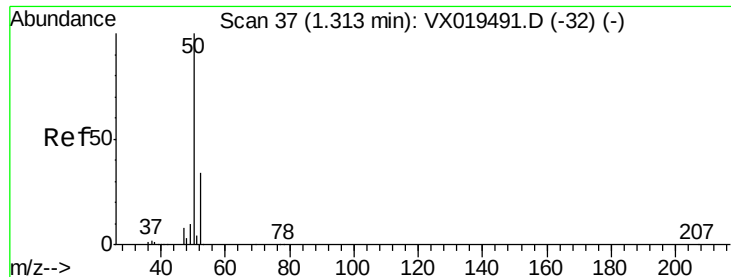
87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.471 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

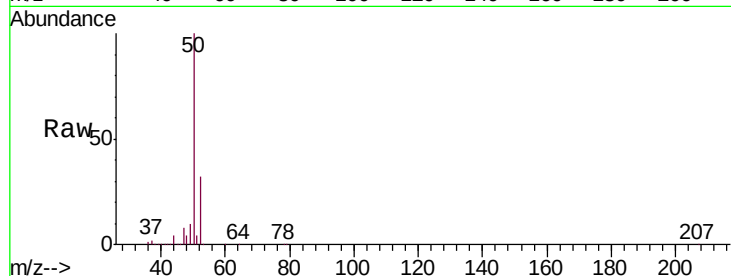
BFB

Tgt Ion: 50 Resp: 132585

Ion Ratio Lower Upper

50 100

52 32.0 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

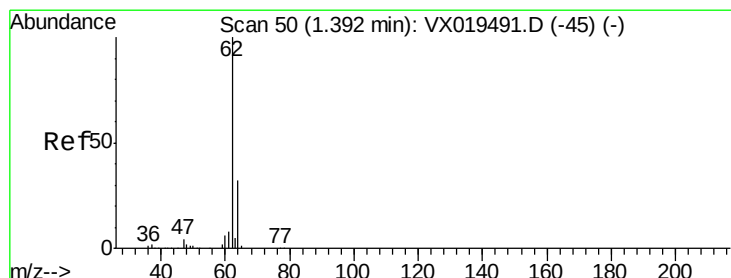
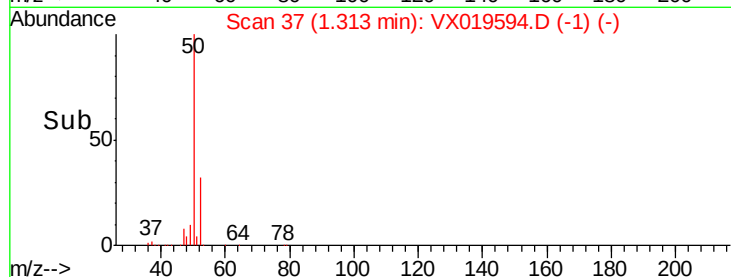
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 43.609 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019594.D

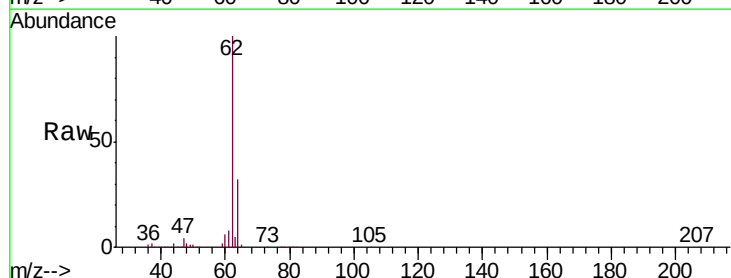
Acq: 24 Nov 2020 09:47

Tgt Ion: 62 Resp: 143178

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

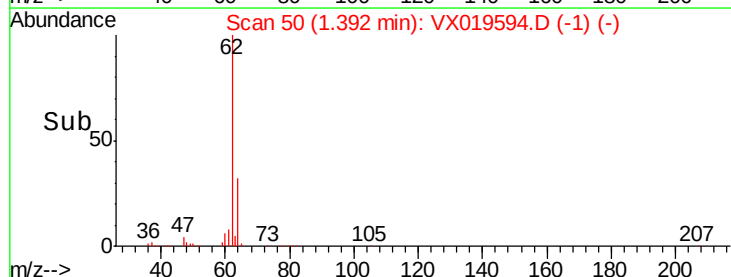
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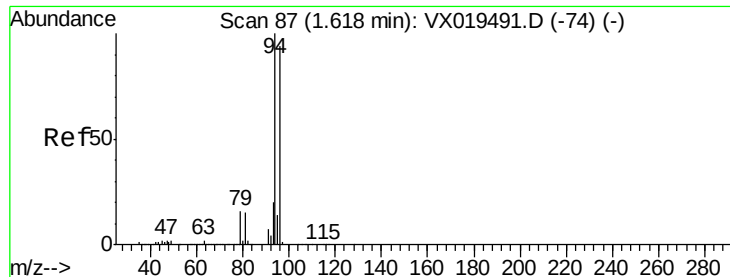
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.041 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

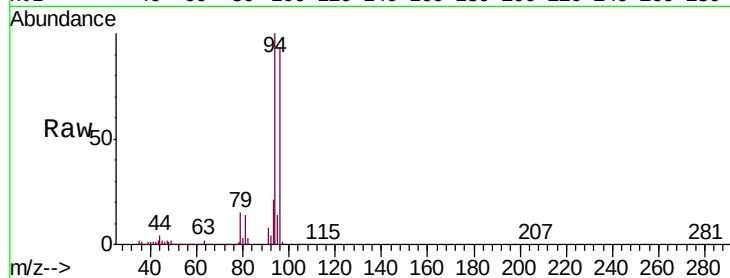
BFB

Tgt Ion: 94 Resp: 58500

Ion Ratio Lower Upper

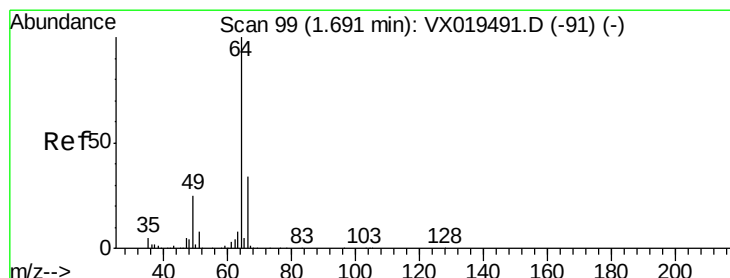
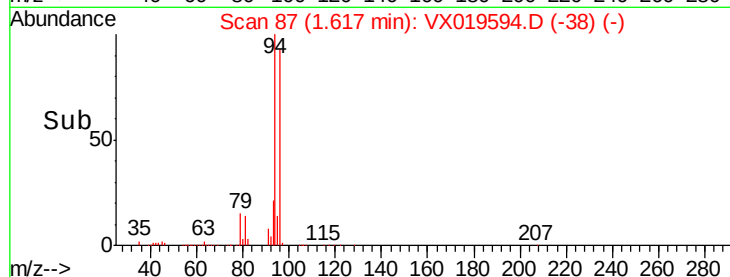
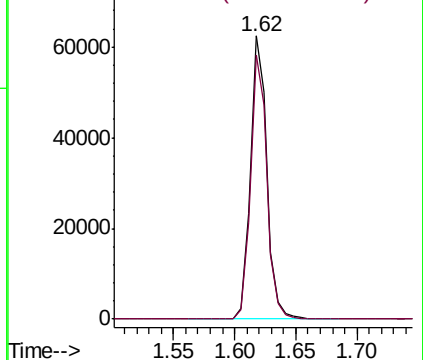
94 100

96 93.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 68.010 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019594.D

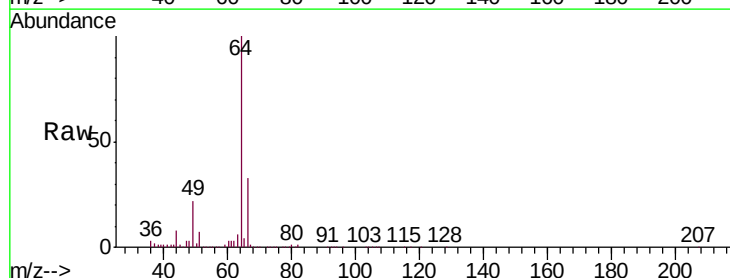
Acq: 24 Nov 2020 09:47

Tgt Ion: 64 Resp: 53177

Ion Ratio Lower Upper

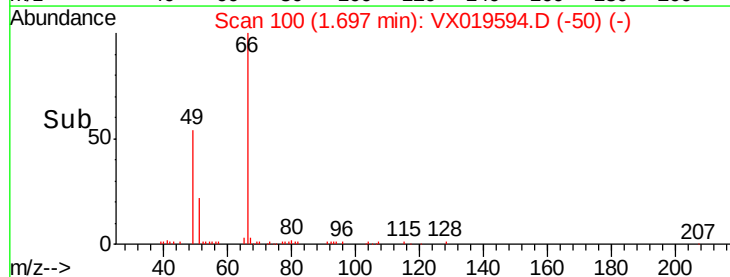
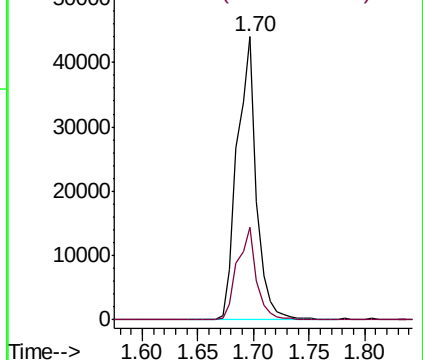
64 100

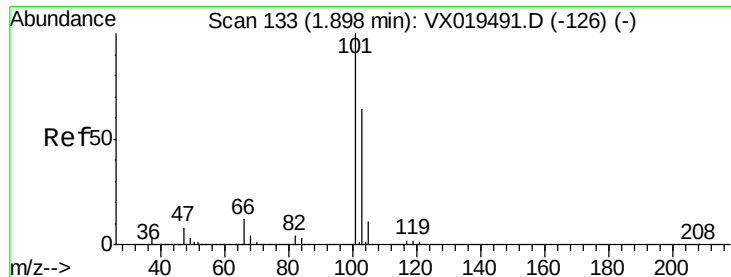
66 32.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



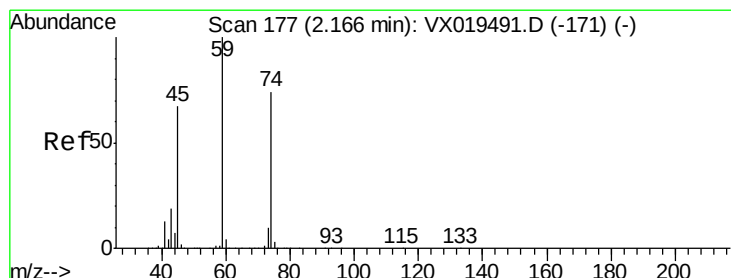
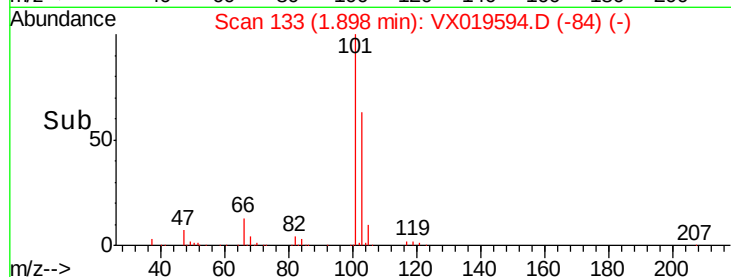
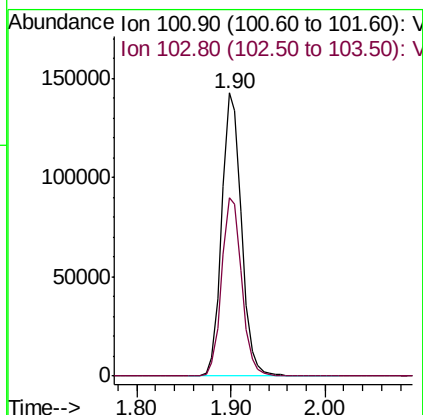
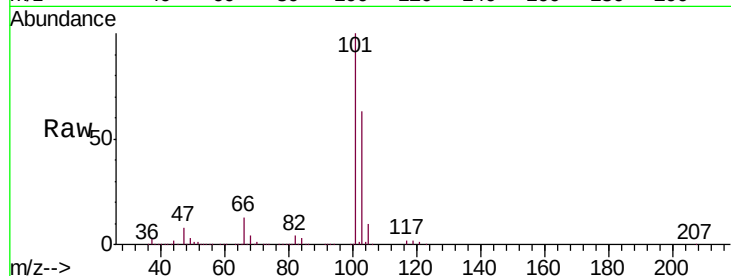


#7

Trichlorofluoromethane
Concen: 43.687 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019594.D
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Instrument :
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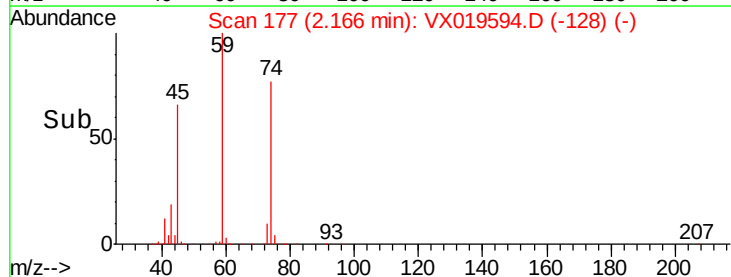
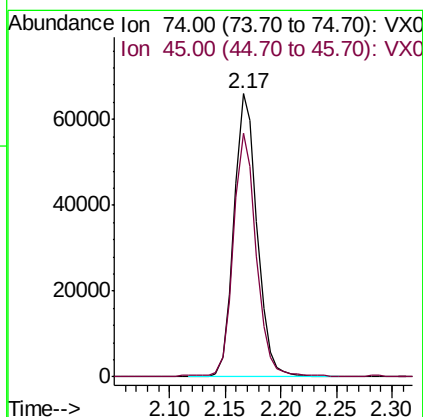
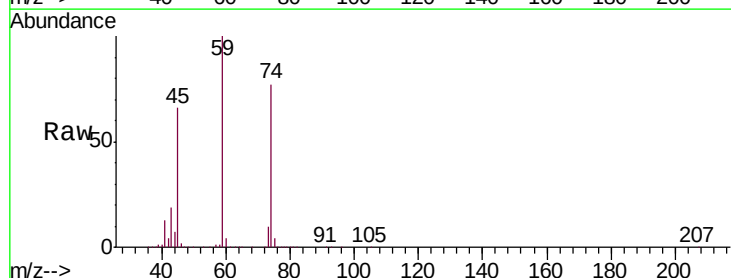
Tgt Ion:101 Resp: 207023
Ion Ratio Lower Upper
101 100
103 63.1 50.9 76.3

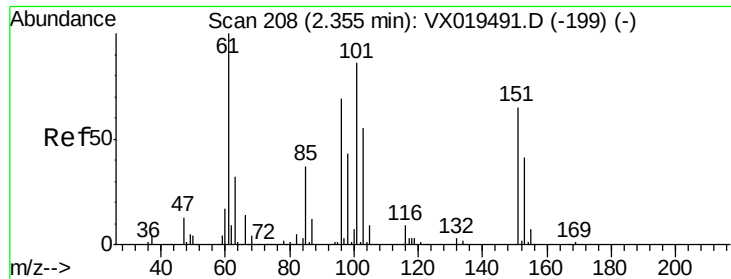


#8

Diethyl Ether
Concen: 49.932 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 74 Resp: 94763
Ion Ratio Lower Upper
74 100
45 85.1 44.4 133.2

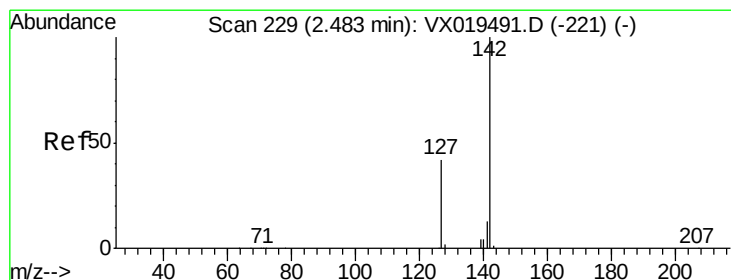
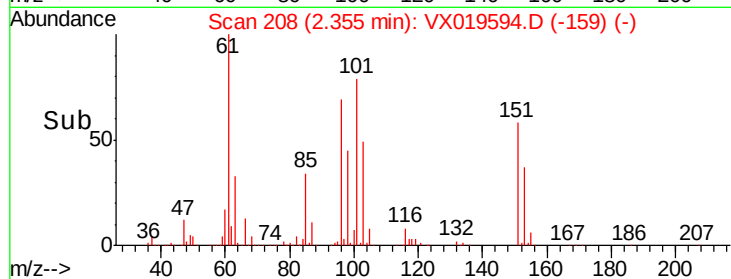
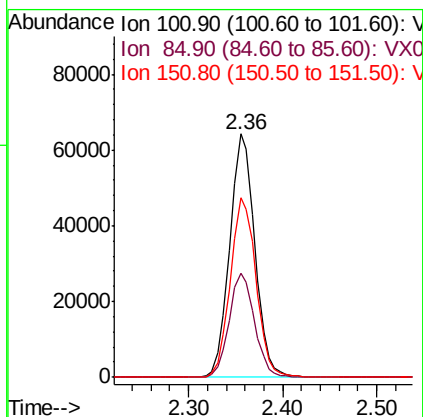
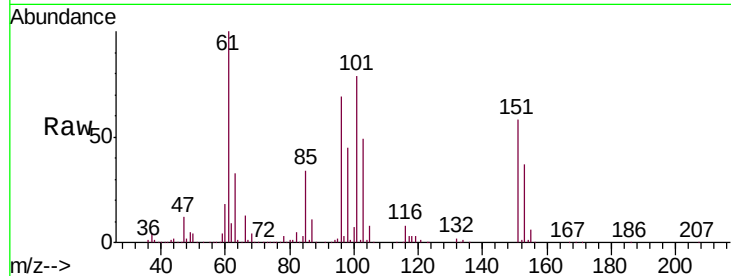




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.142 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

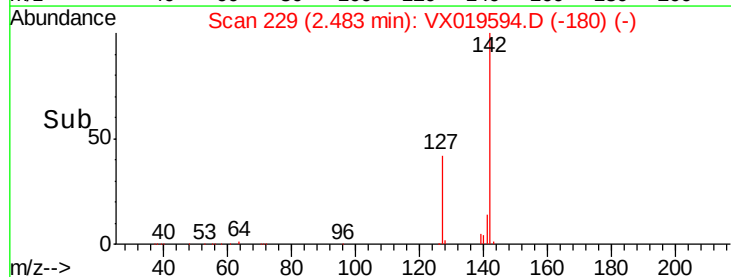
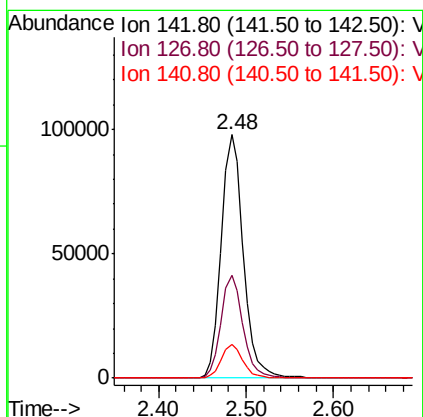
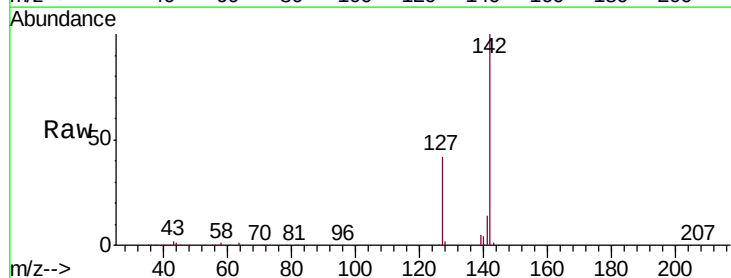
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

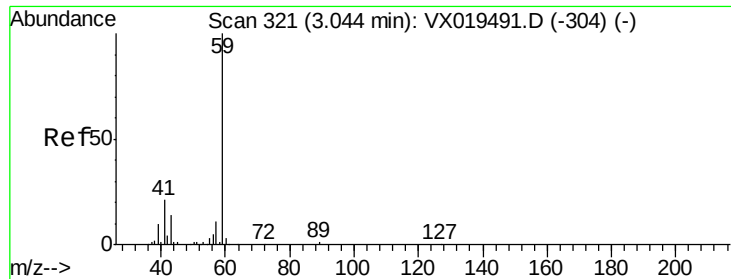
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.9	50.9
151	75.4	60.9	91.3



#10
 Methyl Iodide
 Concen: 49.397 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.0	33.8	50.6
141	13.7	11.0	16.6



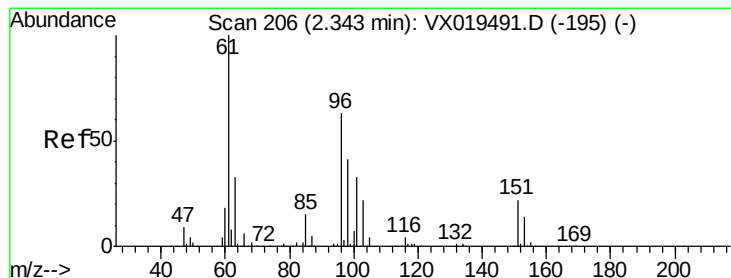
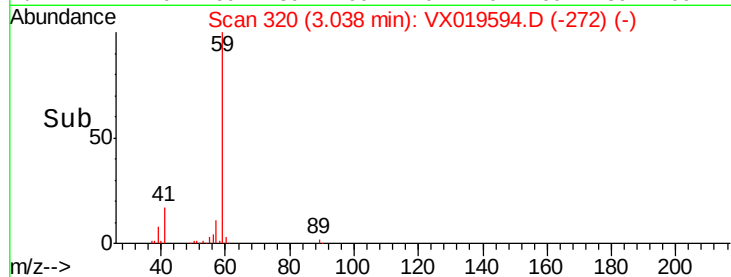
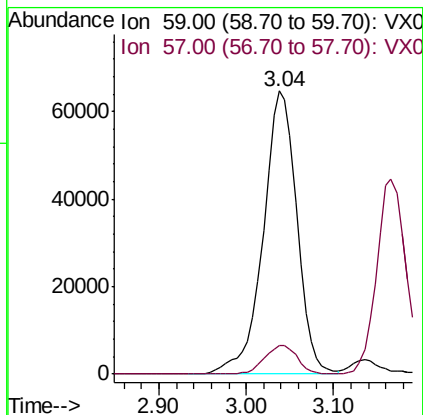
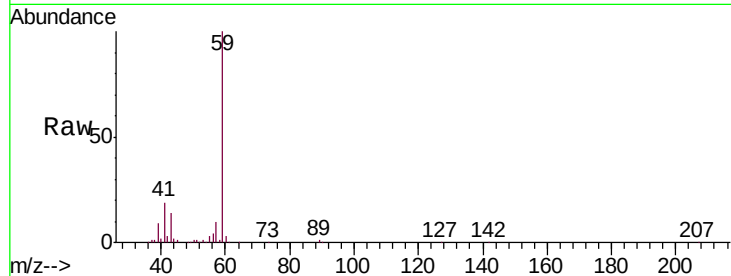


#11

Tert butyl alcohol
 Concen: 258.677 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

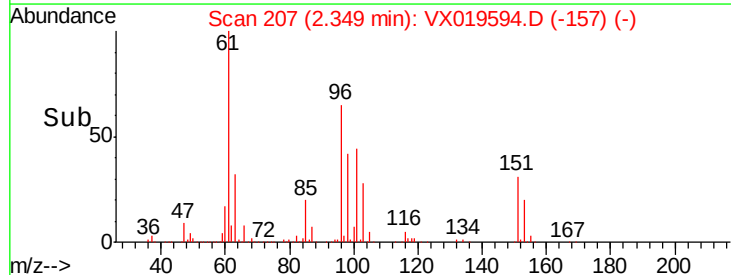
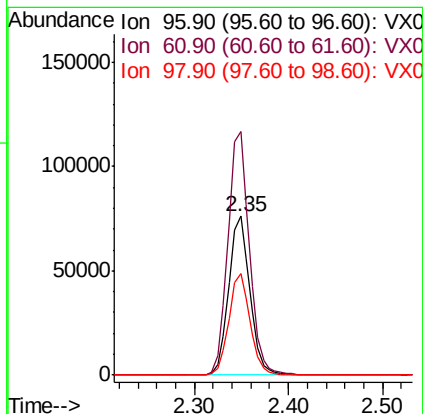
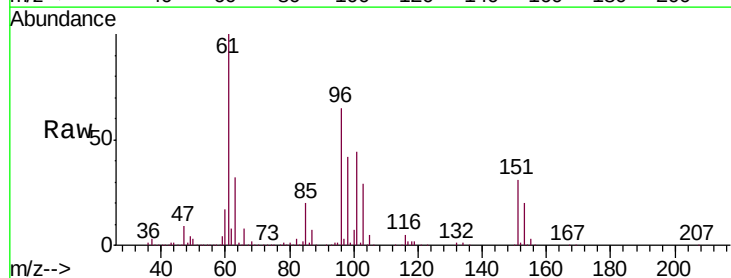
Tgt Ion: 59 Resp: 173485
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

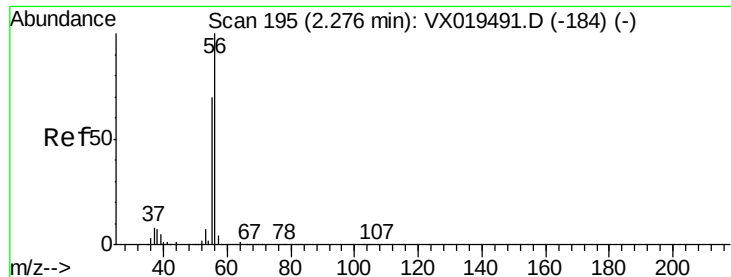


#12

1,1-Dichloroethene
 Concen: 44.006 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 96 Resp: 119410
 Ion Ratio Lower Upper
 96 100
 61 153.4 126.0 189.0
 98 63.8 52.0 78.0





#13

Acrolein

Concen: 200.334 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

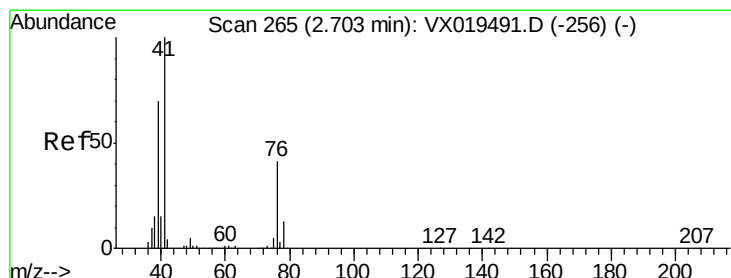
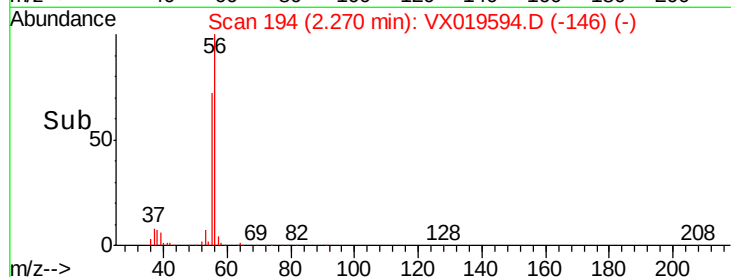
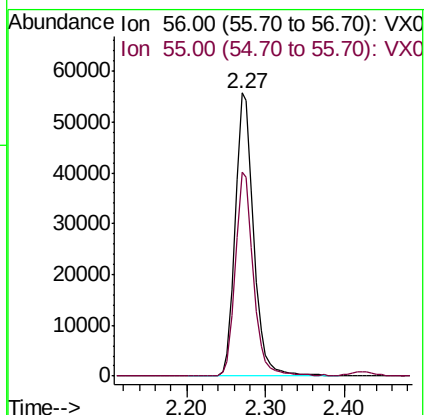
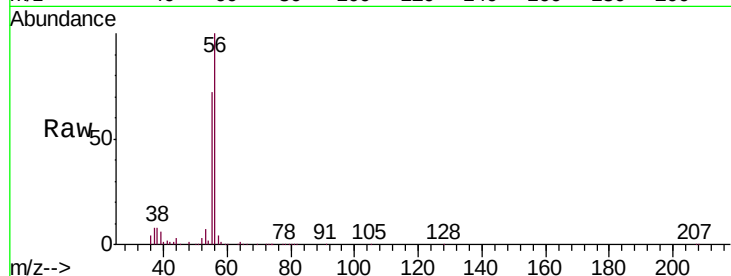
BFB

Tgt Ion: 56 Resp: 90314

Ion Ratio Lower Upper

56 100

55 70.4 55.5 83.3



#14

Allyl chloride

Concen: 45.879 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

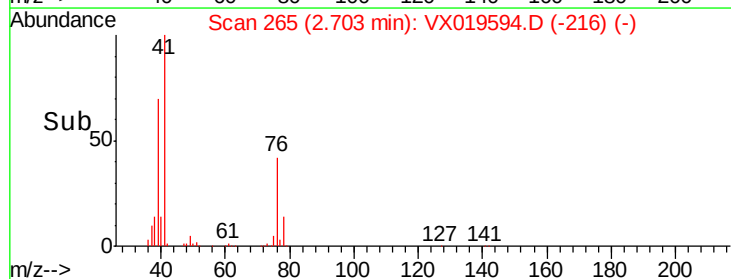
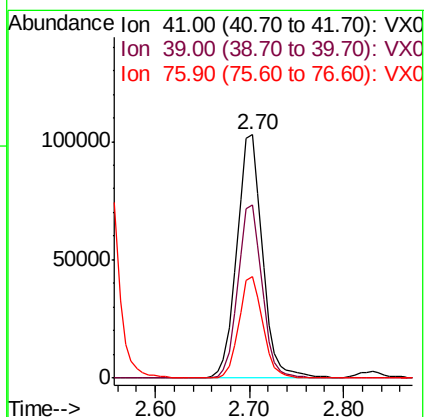
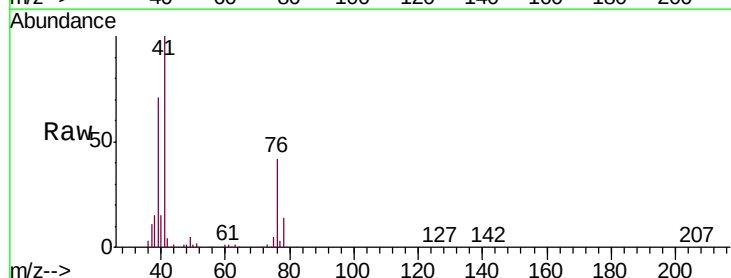
Tgt Ion: 41 Resp: 195024

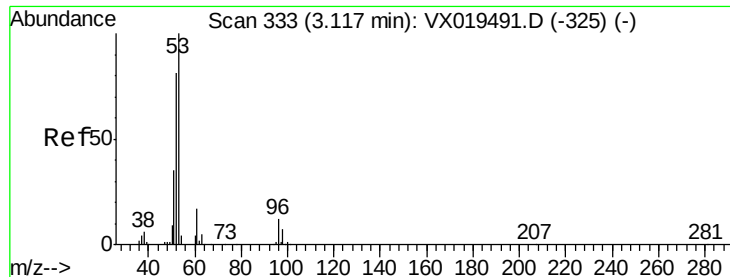
Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.4

76 39.0 31.0 46.6

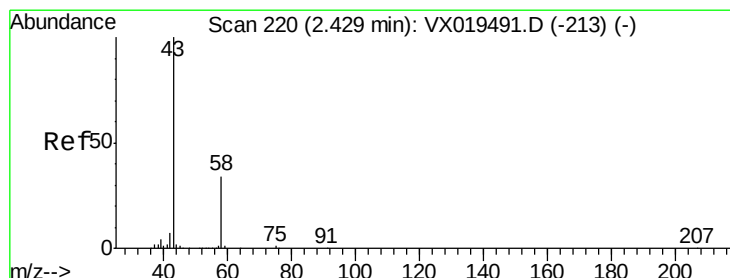
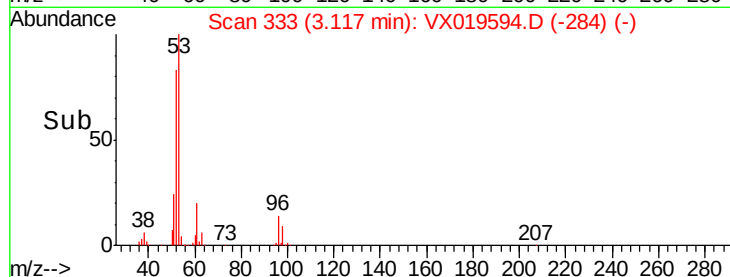
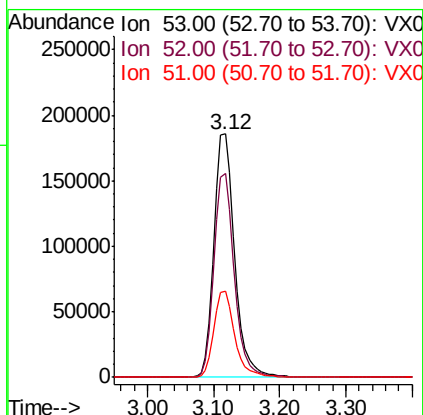
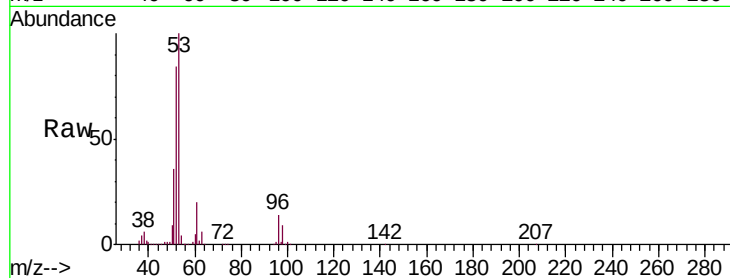




#15
 Acrylonitrile
 Concen: 253.089 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

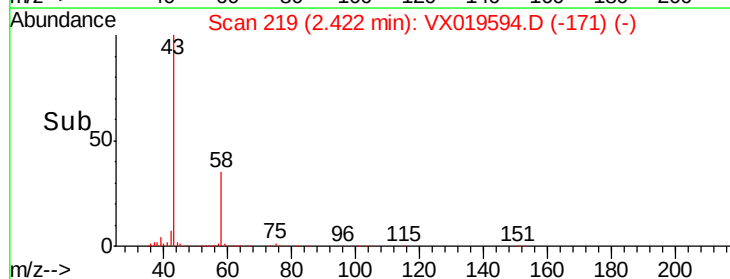
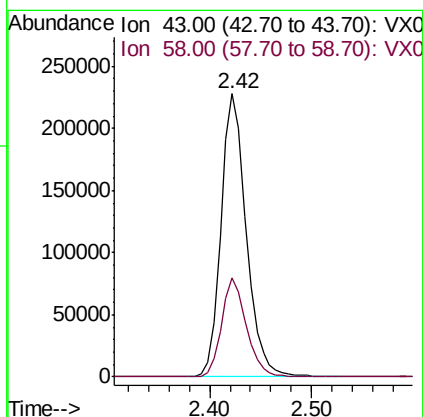
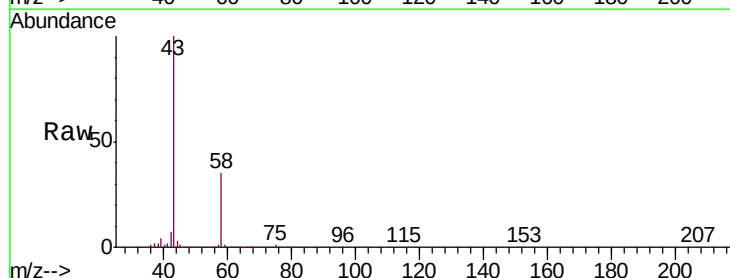
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

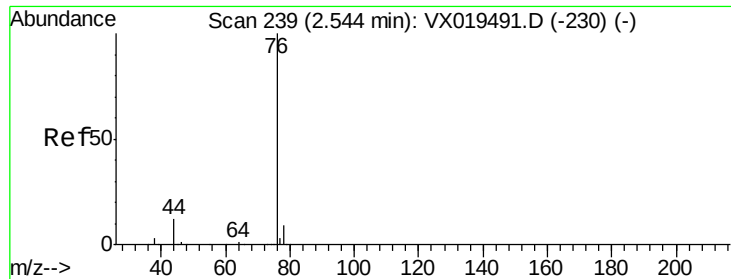
Tgt Ion: 53 Resp: 400300
 Ion Ratio Lower Upper
 53 100
 52 82.6 66.2 99.2
 51 35.6 28.5 42.7



#16
 Acetone
 Concen: 283.821 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 43 Resp: 388962
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.4 41.2





#17

Carbon Disulfide

Concen: 41.741 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

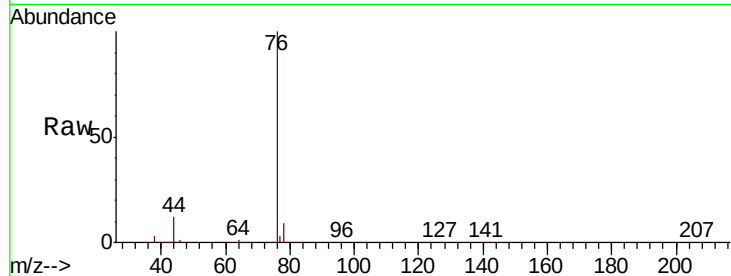
BFB

Tgt Ion: 76 Resp: 304283

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

150000

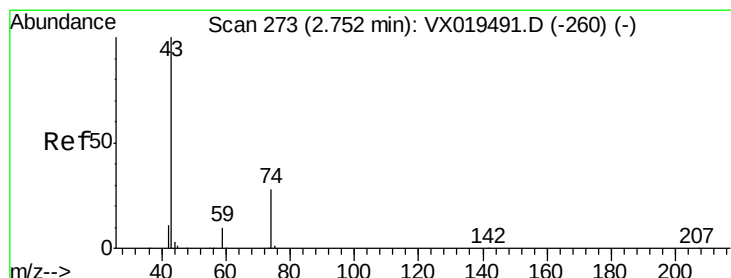
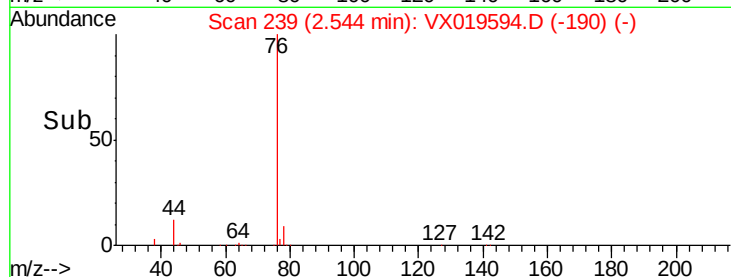
100000

50000

0

Time-->

2.50 2.60



#18

Methyl Acetate

Concen: 49.196 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019594.D

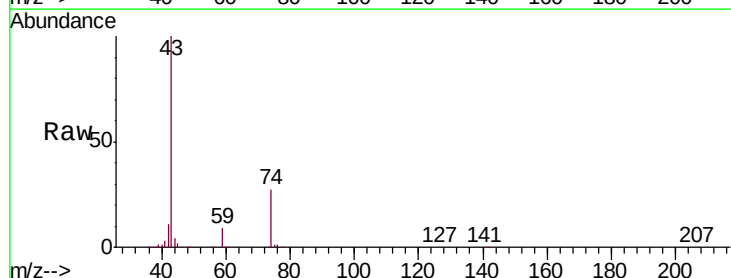
Acq: 24 Nov 2020 09:47

Tgt Ion: 43 Resp: 165273

Ion Ratio Lower Upper

43 100

74 28.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

60000

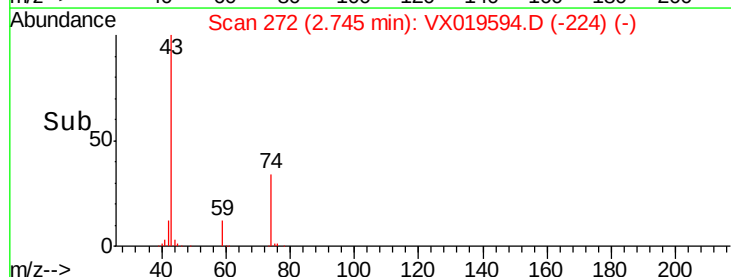
40000

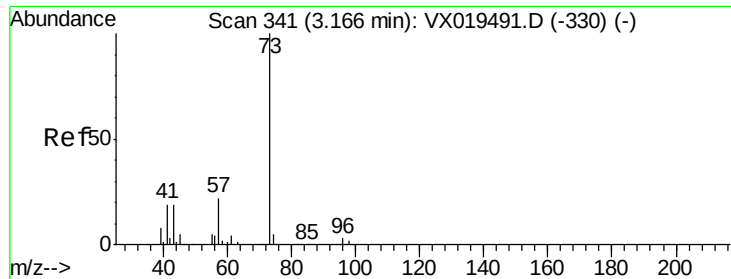
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

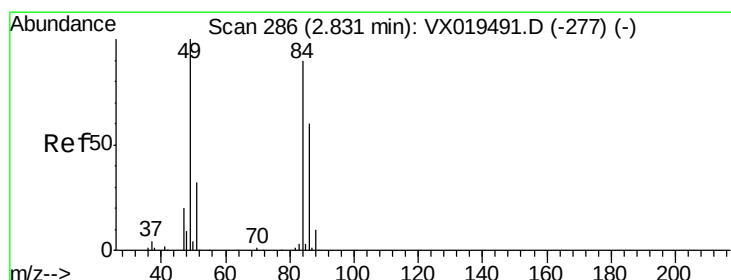
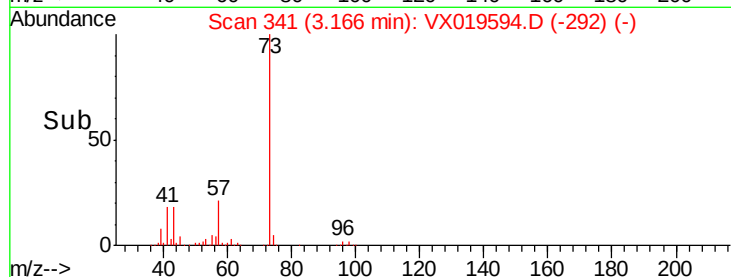
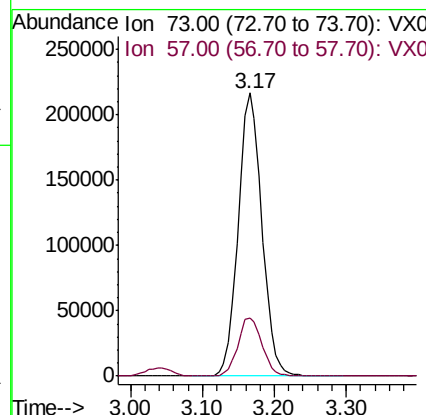
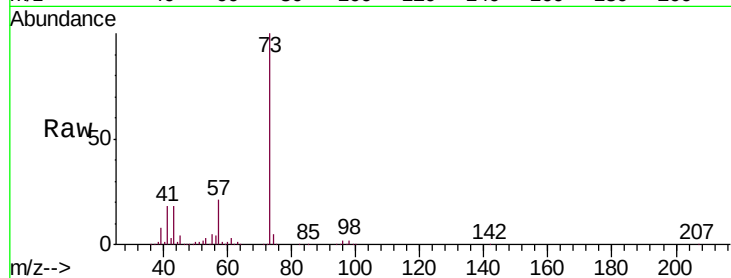




#19
Methyl tert-butyl Ether
Concen: 52.713 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

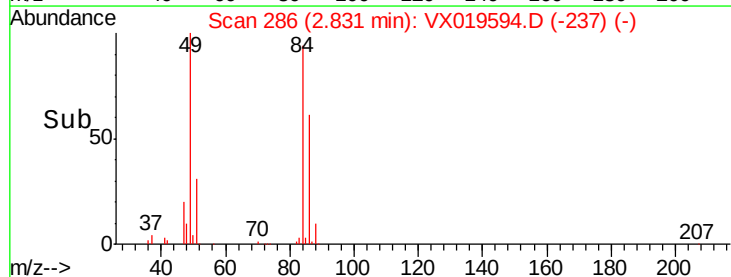
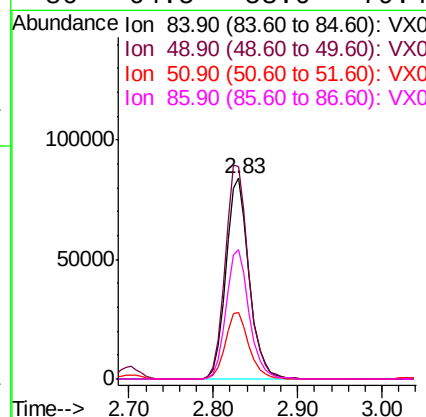
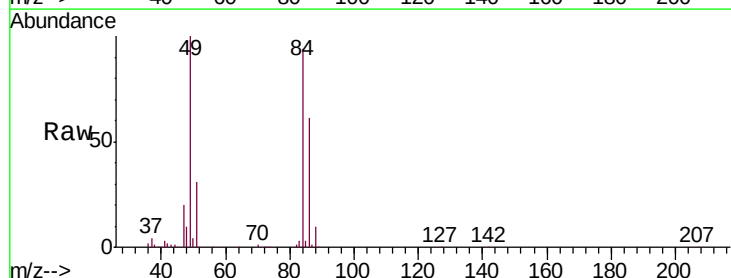
Instrument :
MSVOA_X
ClientSampleId :
BFB

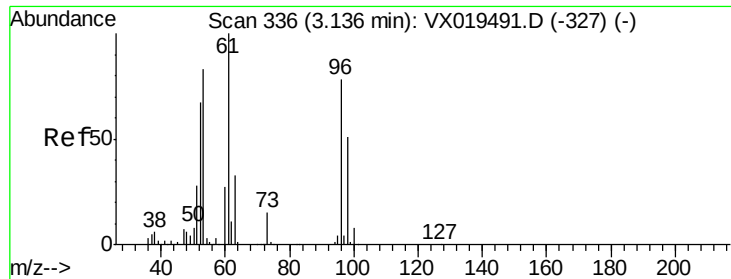
Tgt Ion: 73 Resp: 493730
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 46.363 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 84 Resp: 158808
Ion Ratio Lower Upper
84 100
49 106.2 88.5 132.7
51 33.0 28.0 42.0
86 64.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 46.024 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

BFB

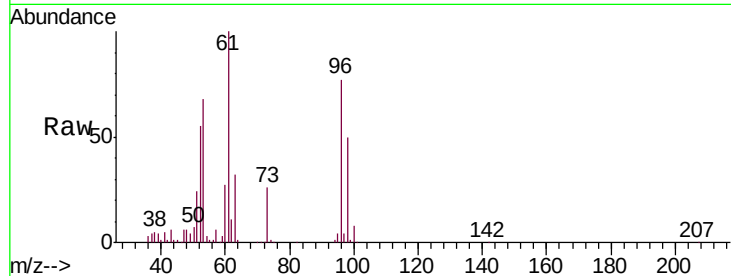
Tgt Ion: 96 Resp: 141494

Ion Ratio Lower Upper

96 100

61 129.8 102.9 154.3

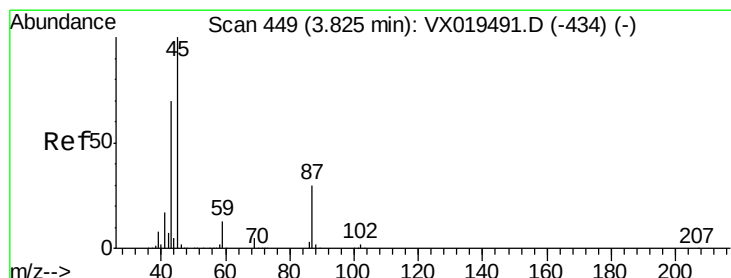
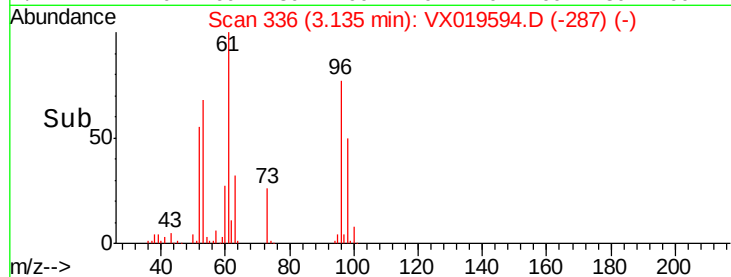
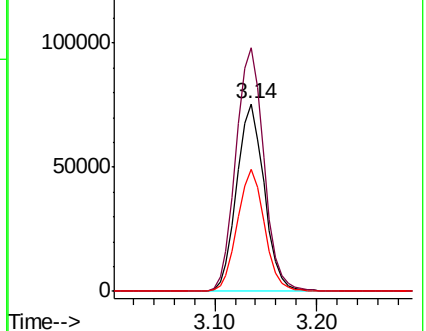
98 64.8 52.1 78.1



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: 50.349 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion: 45 Resp: 442753

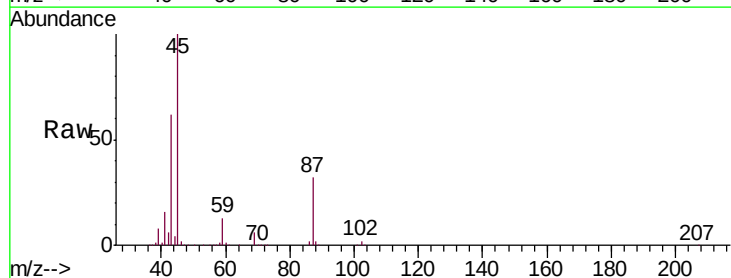
Ion Ratio Lower Upper

45 100

43 62.2 56.1 84.1

87 31.8 24.2 36.2

59 12.7 10.2 15.2

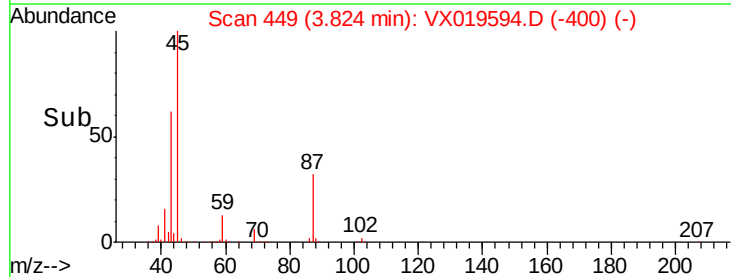
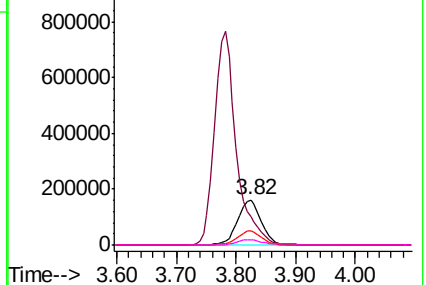


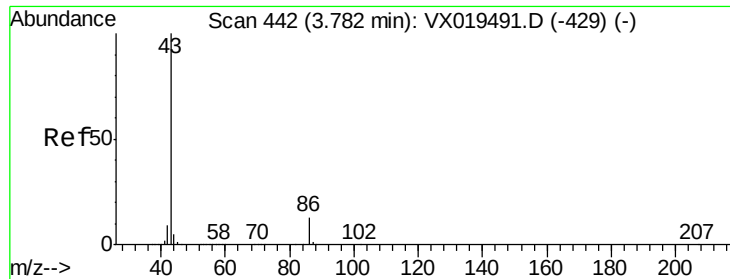
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 263.827 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

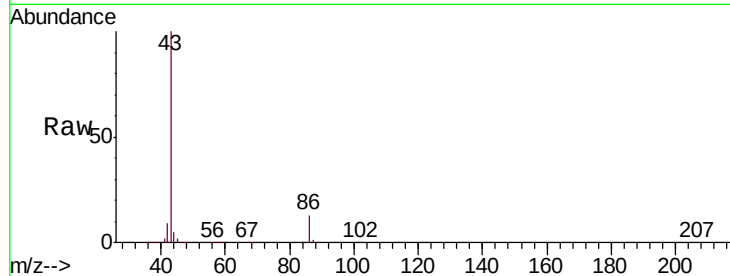
BFB

Tgt Ion: 43 Resp: 1946006

Ion Ratio Lower Upper

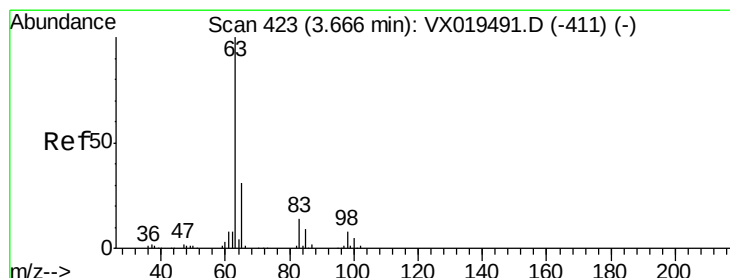
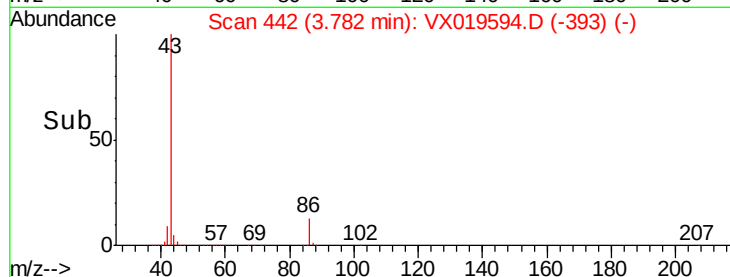
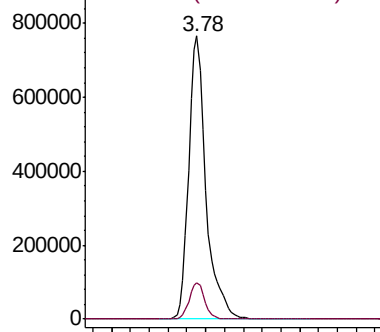
43 100

86 13.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.585 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

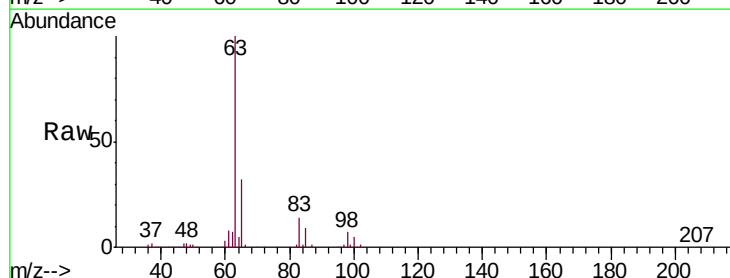
Tgt Ion: 63 Resp: 255946

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

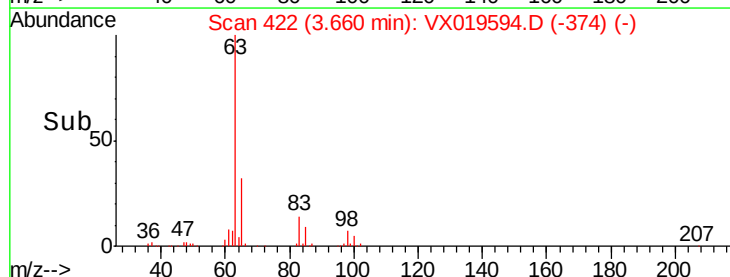
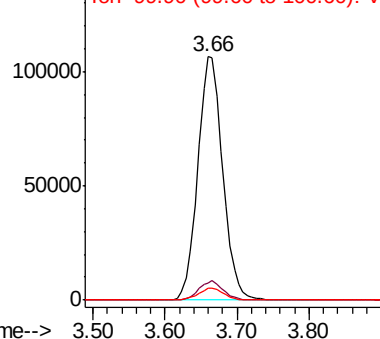
100 4.9 2.4 7.1

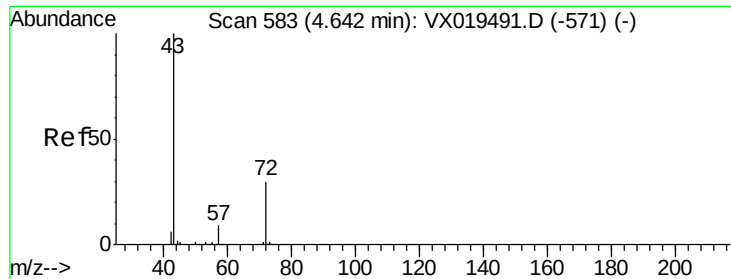


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 271.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

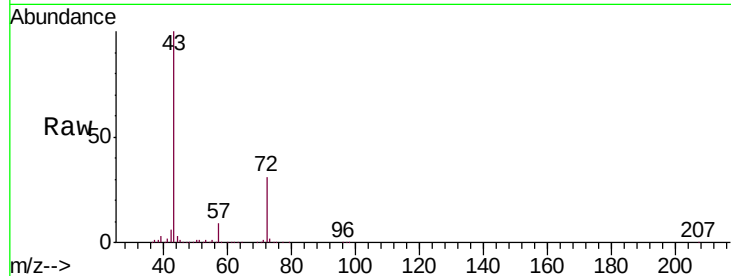
BFB

Tgt Ion: 43 Resp: 559403

Ion Ratio Lower Upper

43 100

72 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

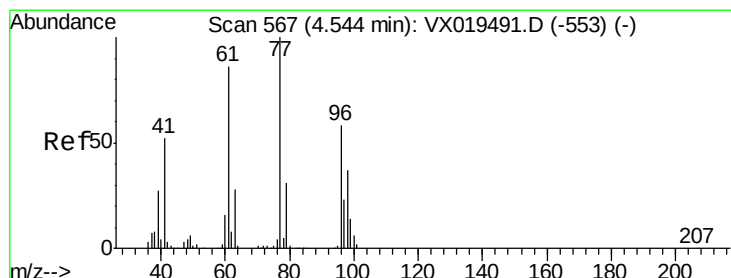
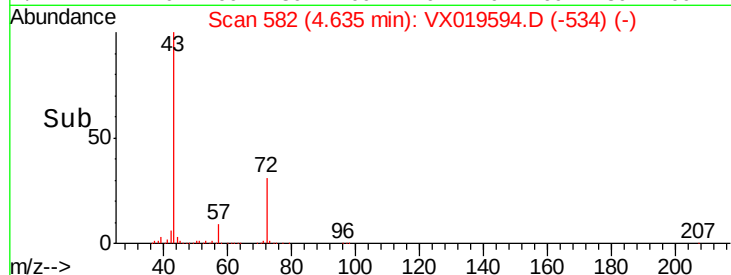
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 47.002 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019594.D

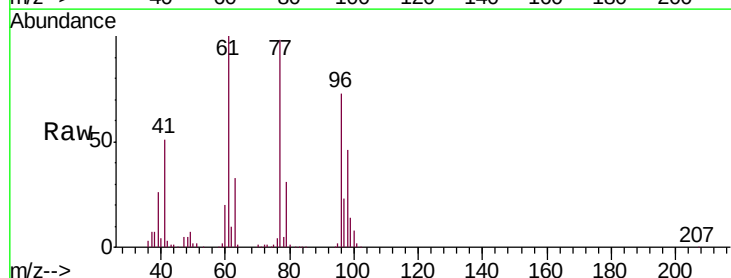
Acq: 24 Nov 2020 09:47

Tgt Ion: 77 Resp: 220667

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

80000

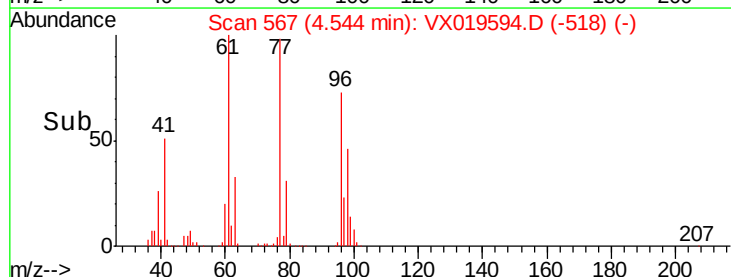
60000

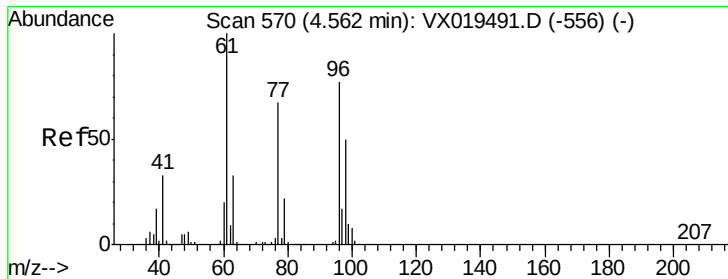
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



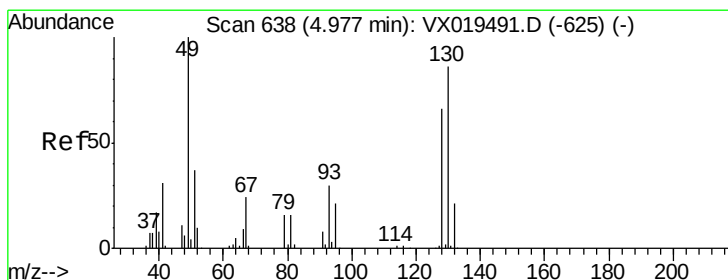
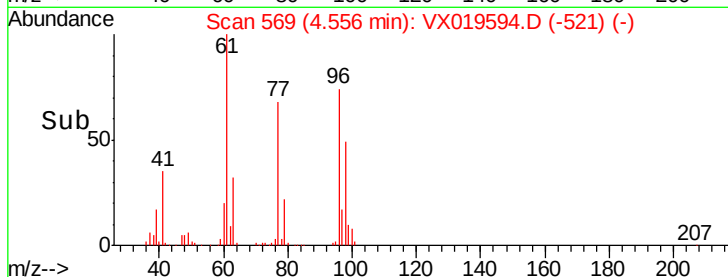
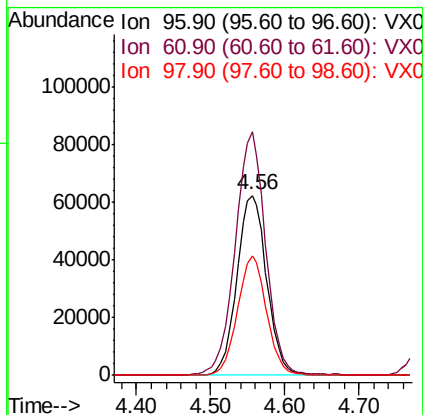
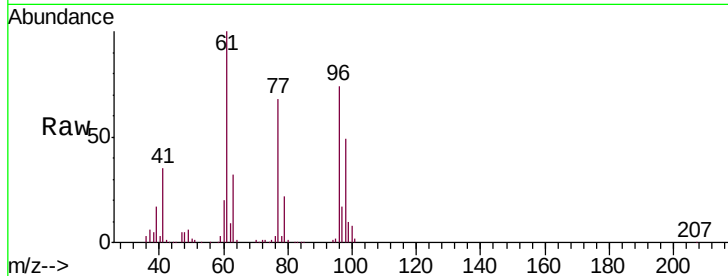


#27

cis-1,2-Dichloroethene
 Concen: 49.541 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

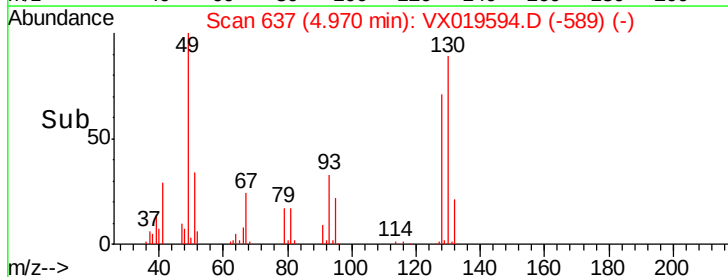
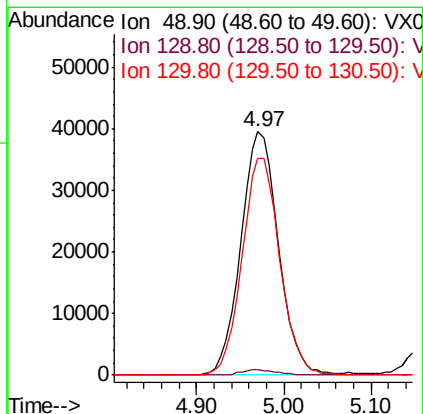
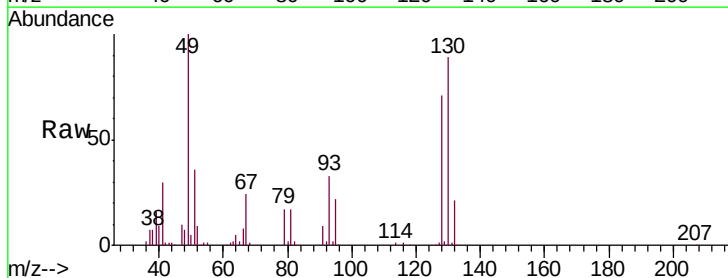
Tgt Ion: 96 Resp: 174952
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 279.2
 98 64.6 0.0 129.8

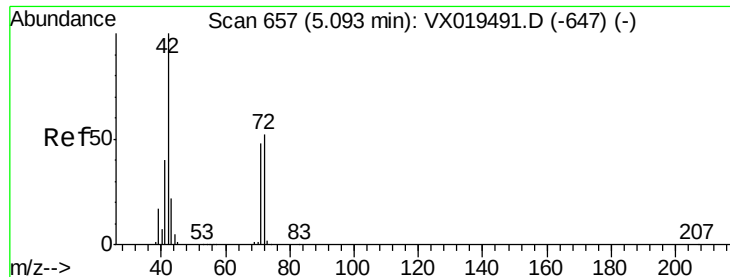


#28

Bromochloromethane
 Concen: 45.841 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 49 Resp: 117884
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 89.4 69.0 103.6

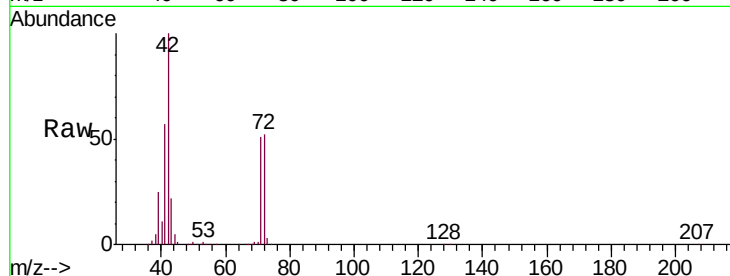




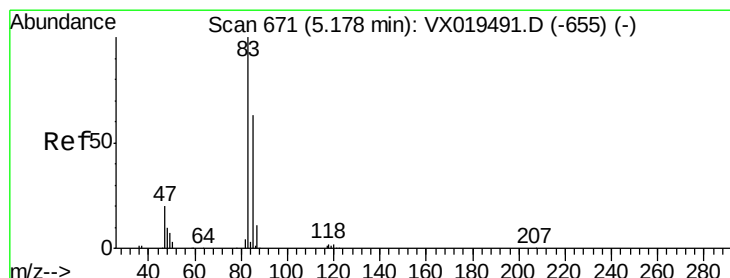
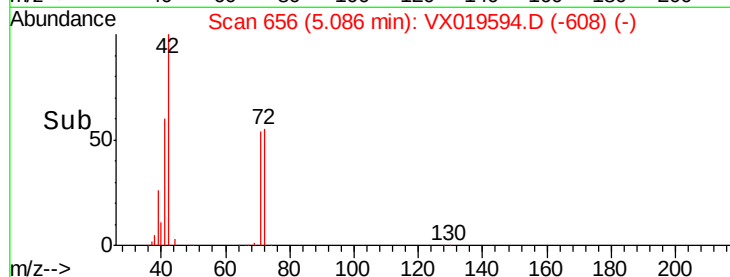
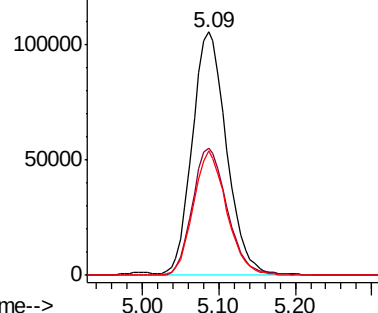
#29
Tetrahydrofuran
Concen: 247.840 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 42 Resp: 325545
Ion Ratio Lower Upper
42 100
72 53.8 42.6 63.8
71 50.3 39.0 58.6

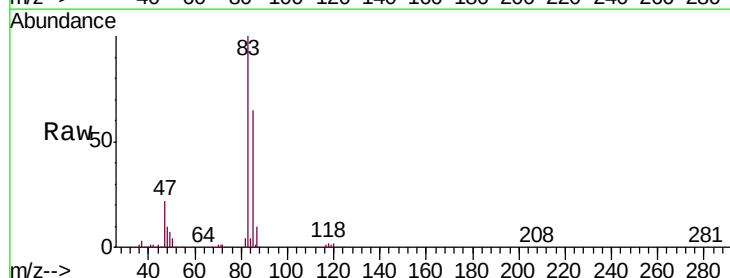


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

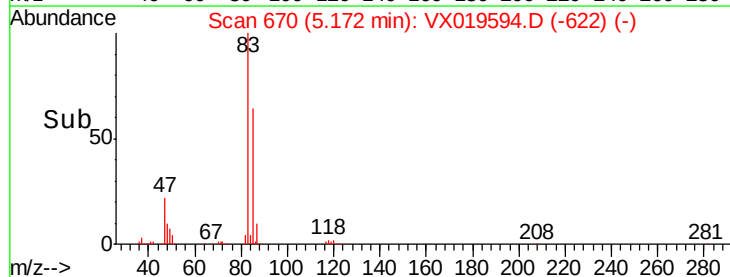
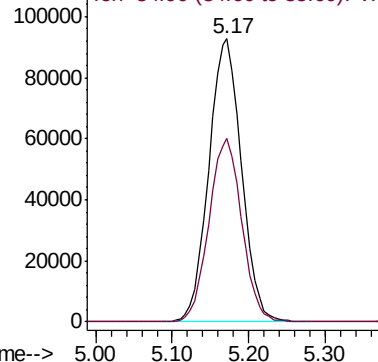


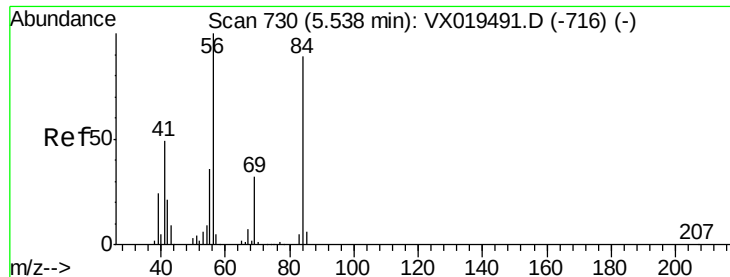
#30
Chloroform
Concen: 48.803 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 83 Resp: 274480
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7



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

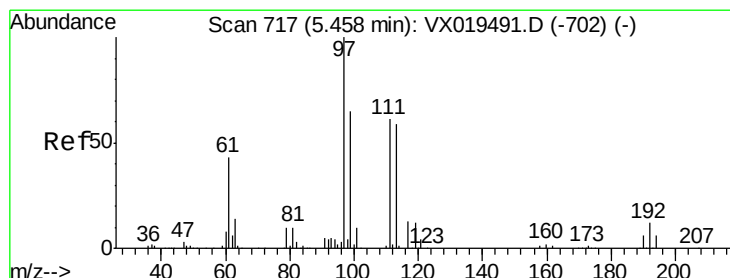
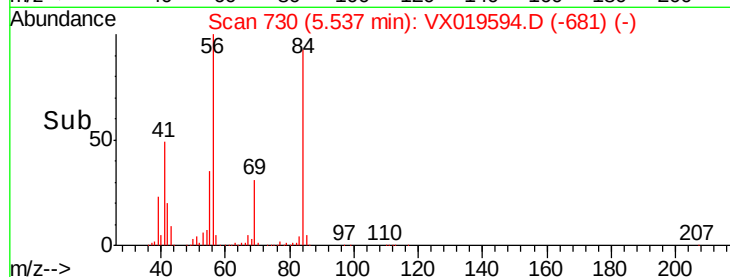
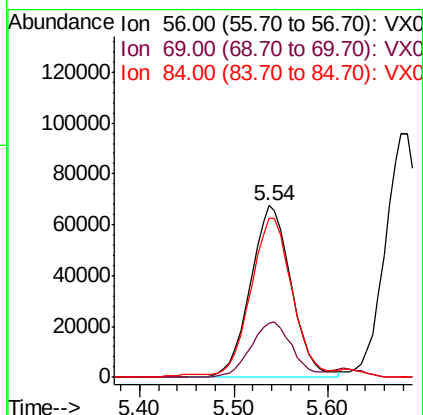
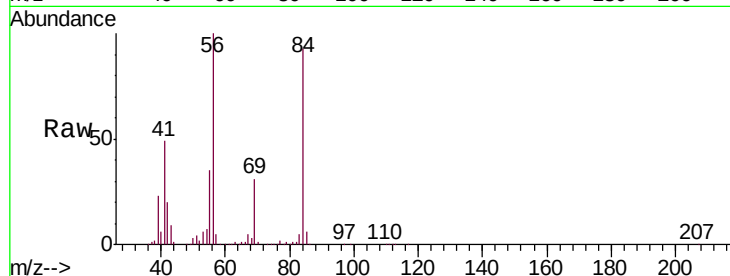




#31
Cyclohexane
Concen: 44.489 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

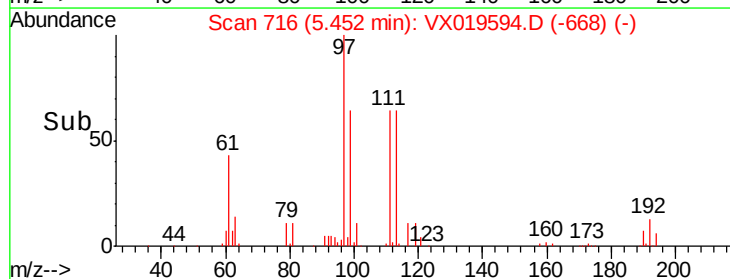
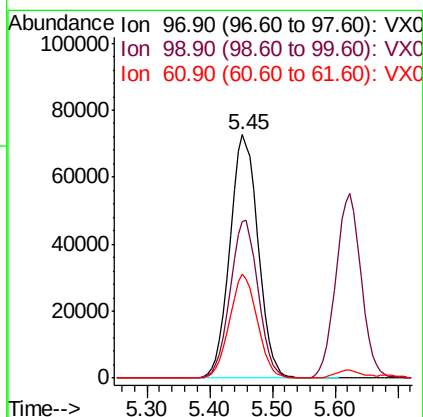
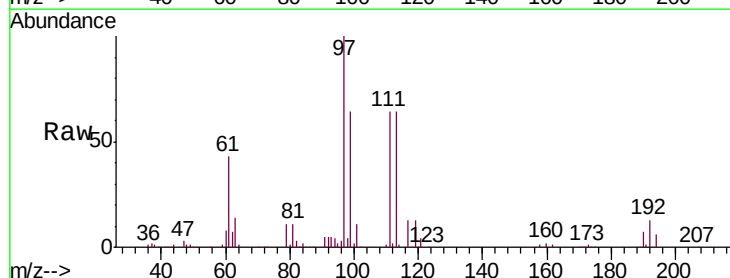
Instrument :
MSVOA_X
ClientSampled :
BFB

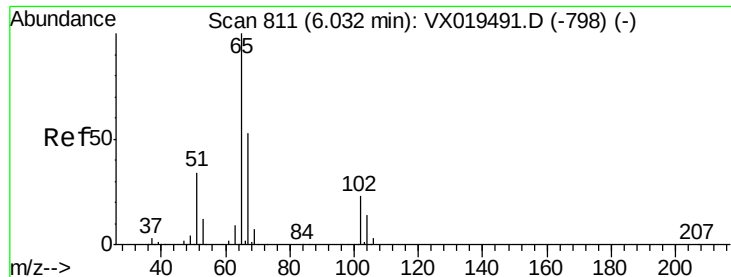
Tgt Ion: 56 Resp: 205054
Ion Ratio Lower Upper
56 100
69 31.3 25.5 38.3
84 91.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 46.727 ug/l
RT: 5.45 min Scan# 716
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 97 Resp: 225748
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 42.4 34.2 51.2

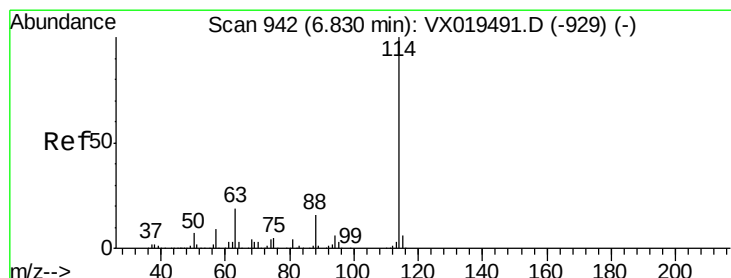
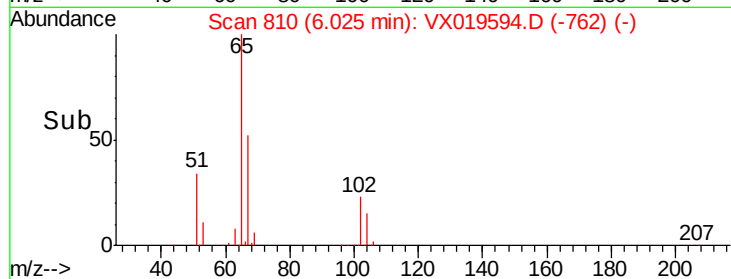
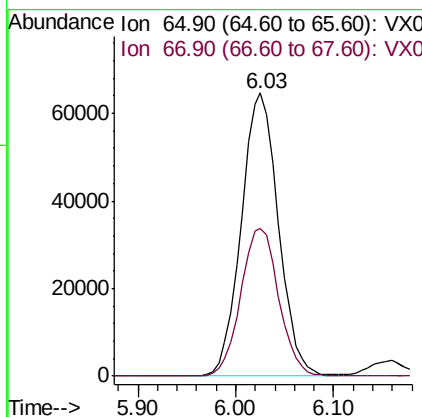
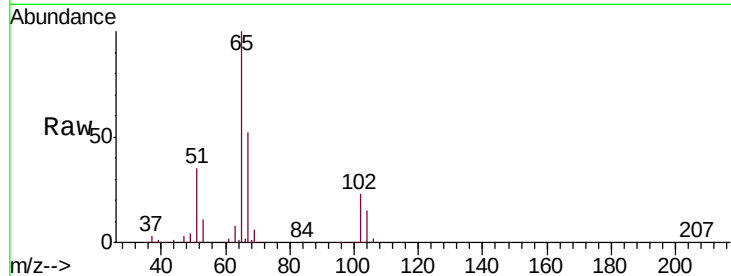




#33
 1,2-Dichloroethane-d4
 Concen: 48.020 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

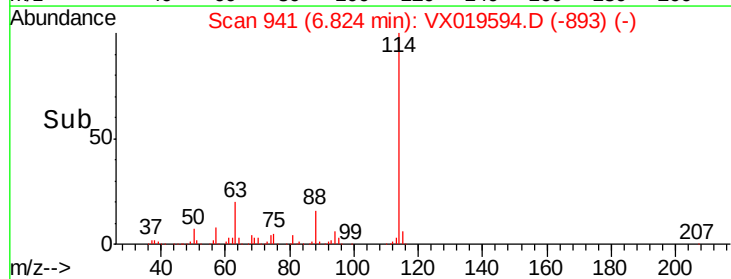
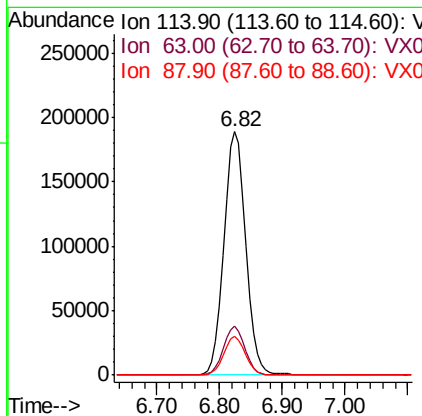
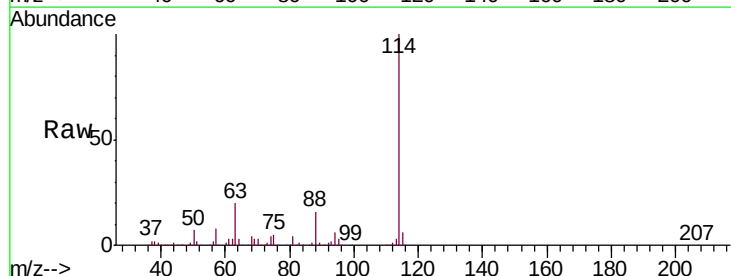
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

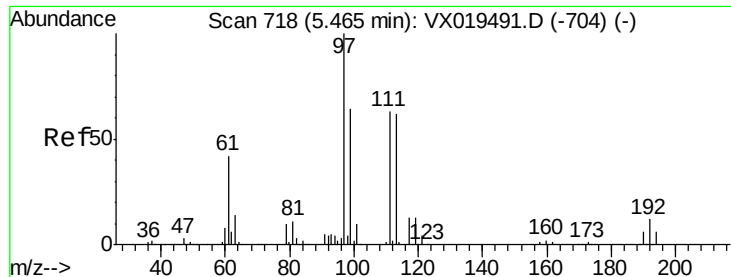
Tgt Ion: 65 Resp: 170174
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 114 Resp: 455202
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 16.0 0.0 31.6

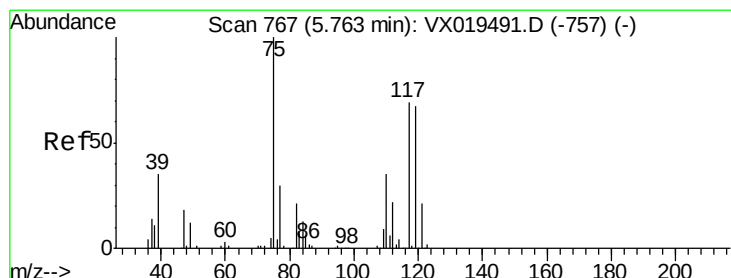
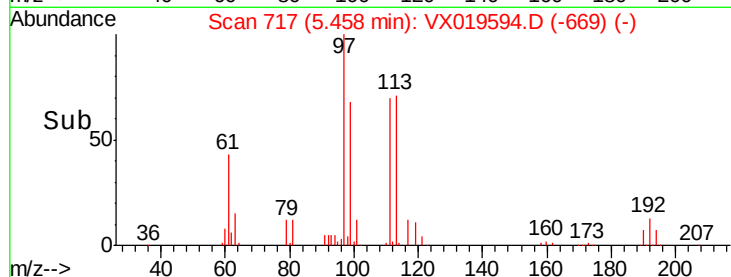
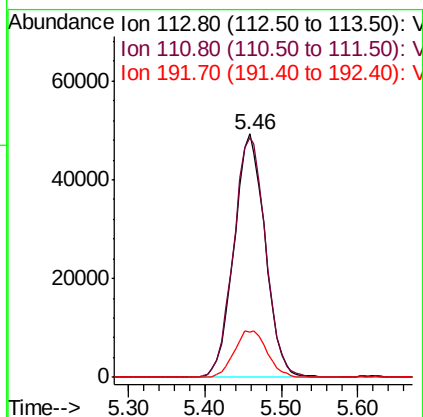
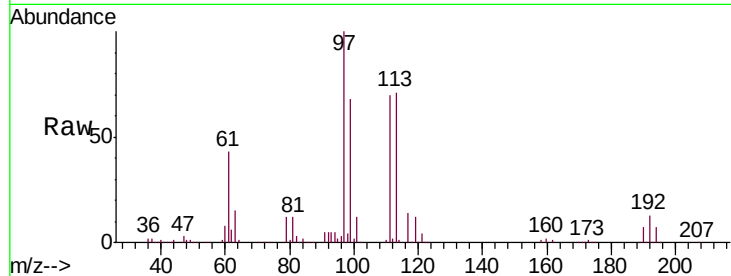




#35
 Dibromofluoromethane
 Concen: 48.527 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

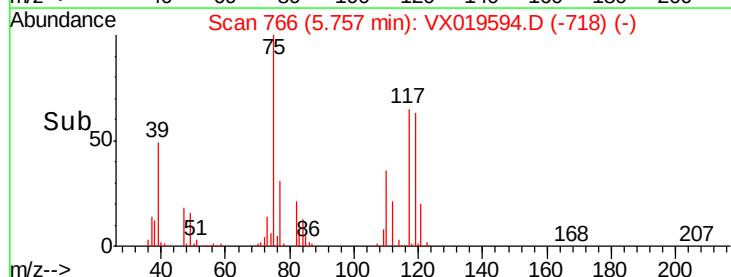
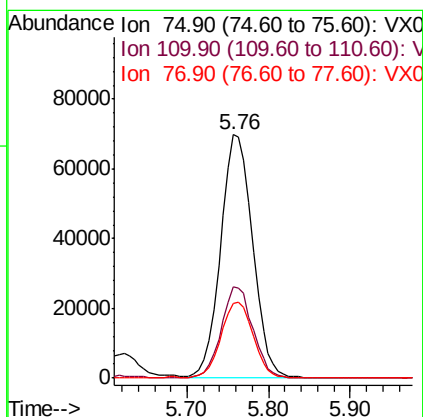
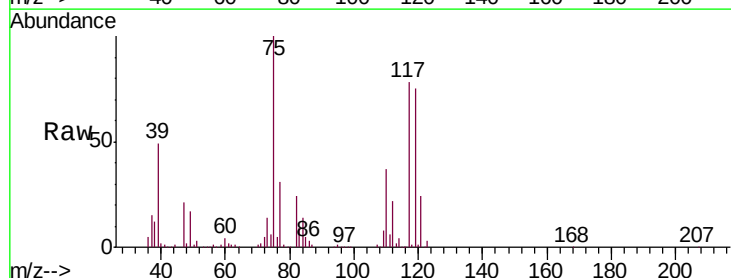
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

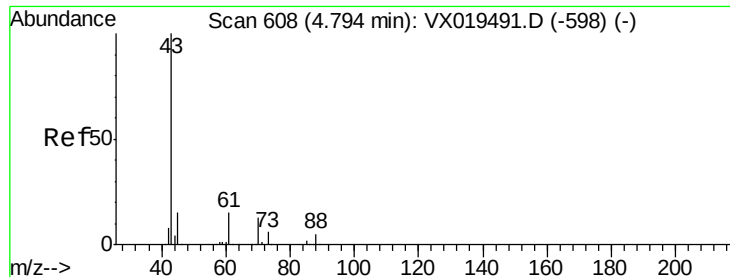
Tgt Ion: 113 Resp: 138656
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 44.423 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 75 Resp: 189578
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.3
 77 31.5 24.2 36.4

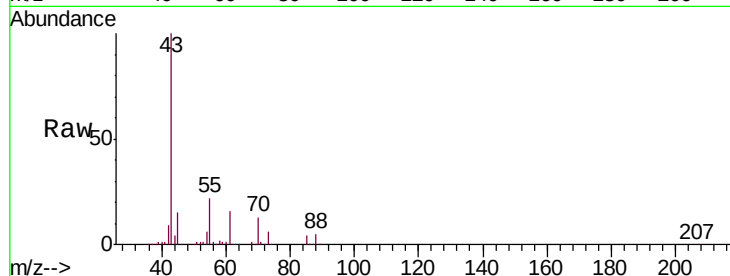




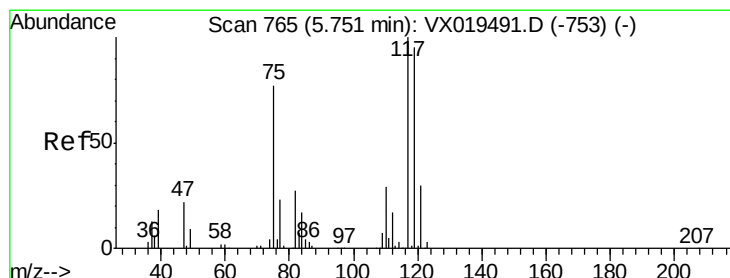
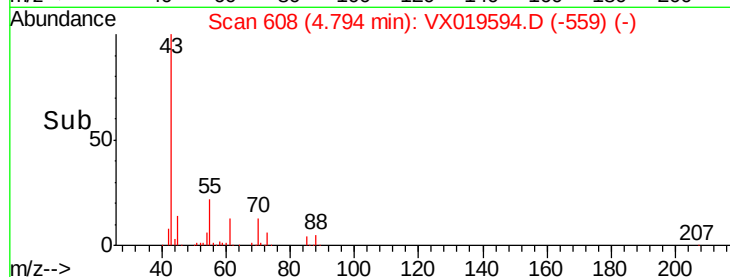
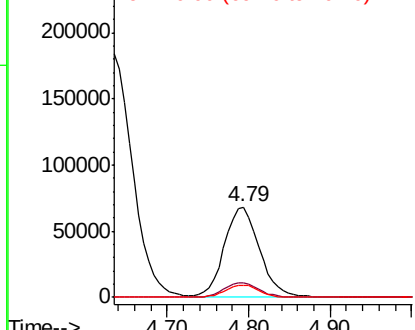
#37
Ethyl Acetate
Concen: 50.563 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 202574
Ion Ratio Lower Upper
43 100
61 15.8 12.7 19.1
70 13.3 10.2 15.2

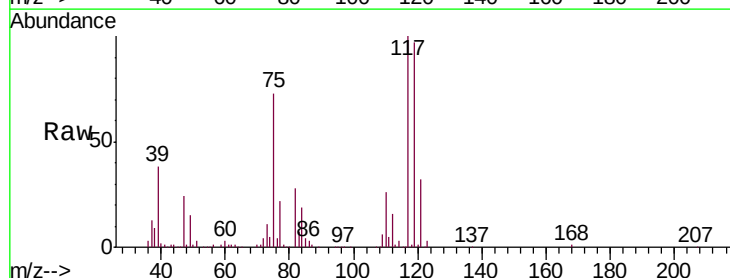


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

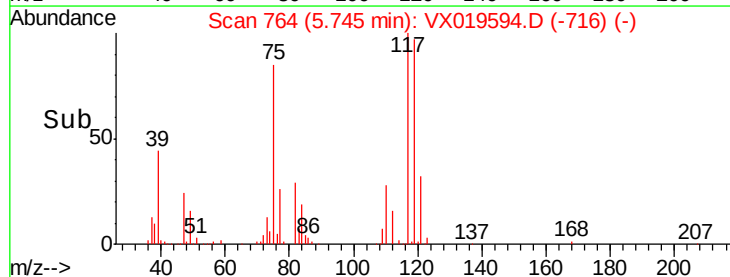
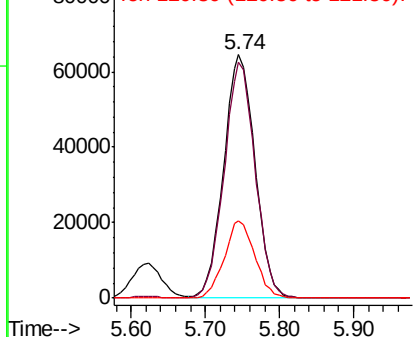


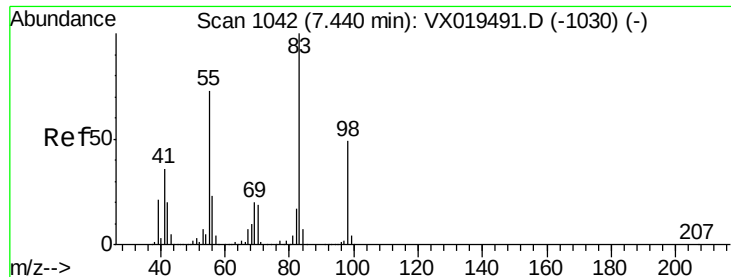
#38
Carbon Tetrachloride
Concen: 45.827 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 117 Resp: 189296
Ion Ratio Lower Upper
117 100
119 97.1 75.9 113.9
121 31.9 24.0 36.0



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

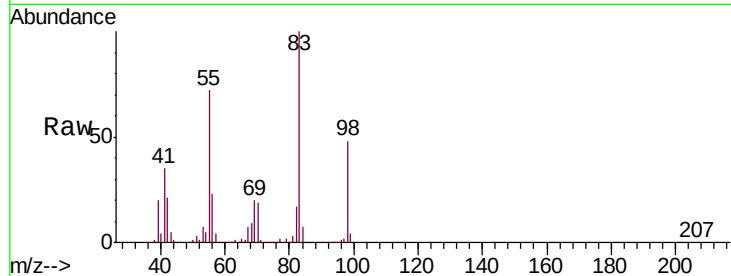




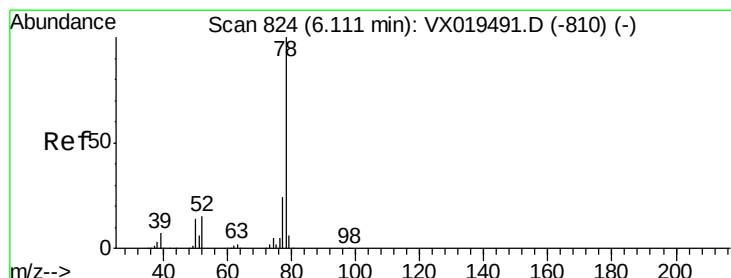
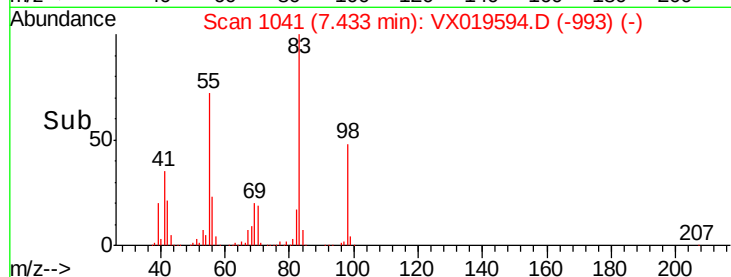
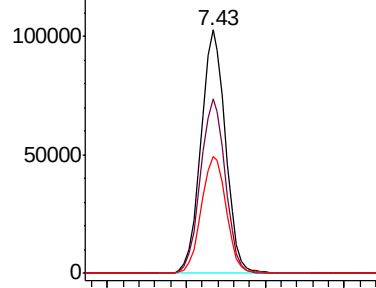
#39
Methylcyclohexane
Concen: 44.767 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 222445
Ion Ratio Lower Upper
83 100
55 71.7 58.3 87.5
98 48.1 38.9 58.3

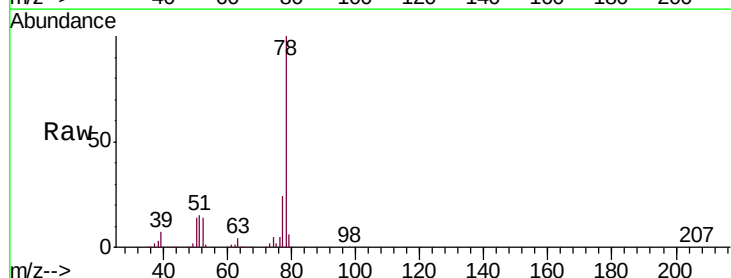


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

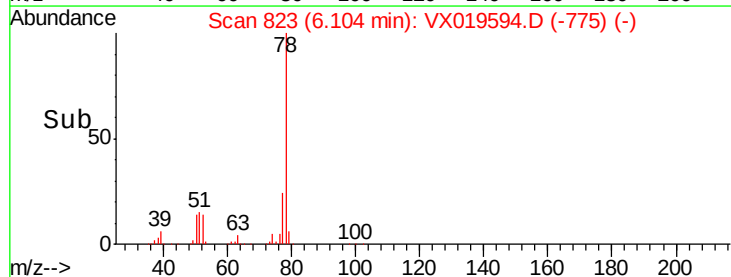
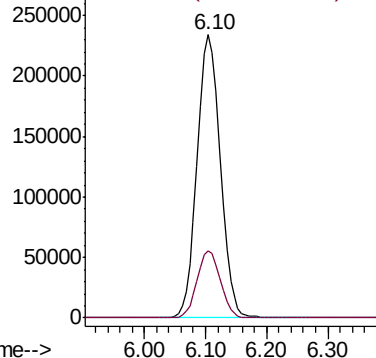


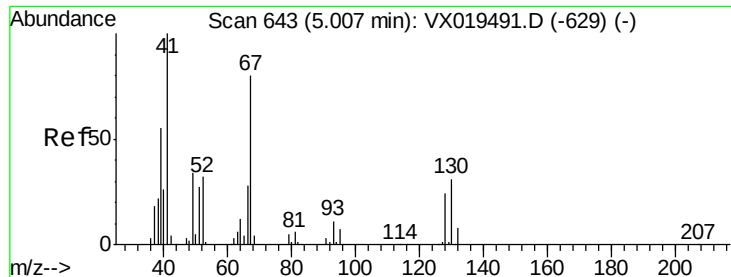
#40
Benzene
Concen: 46.760 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 78 Resp: 613116
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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

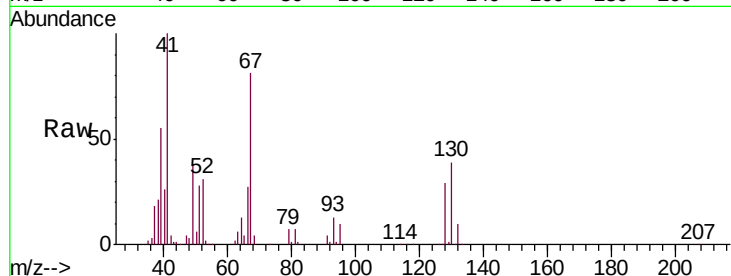




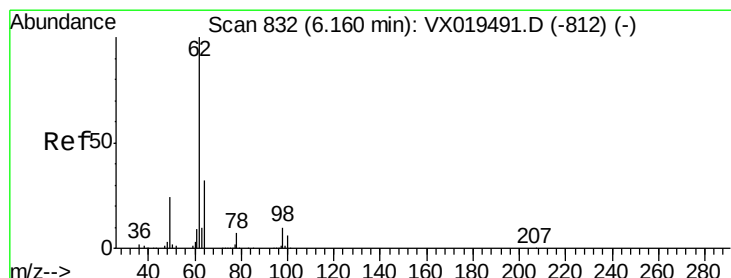
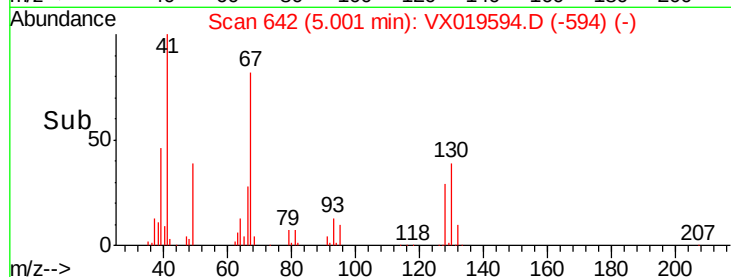
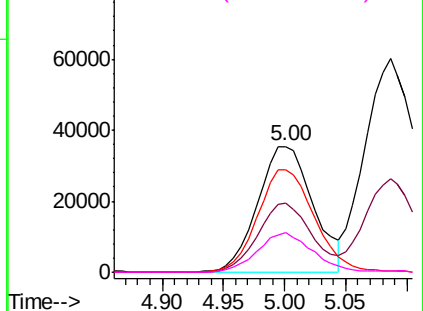
#41
Methacrylonitrile
Concen: 50.668 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:	41	Resp:	111940
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.3	64.9
67	83.6	66.0	99.0
52	31.8	25.4	38.2

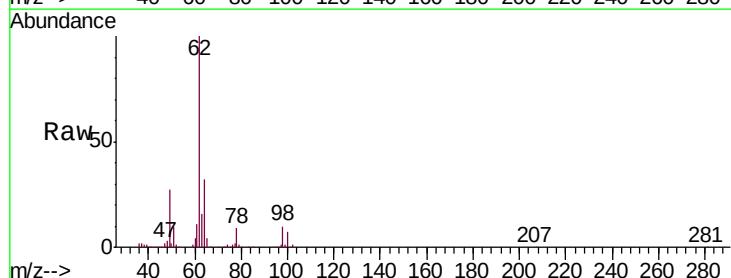


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

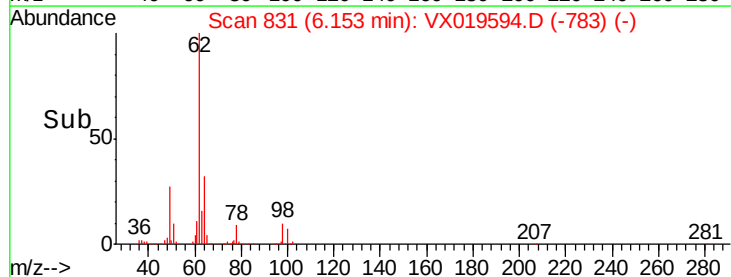
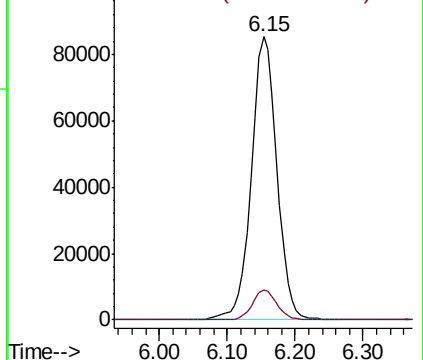


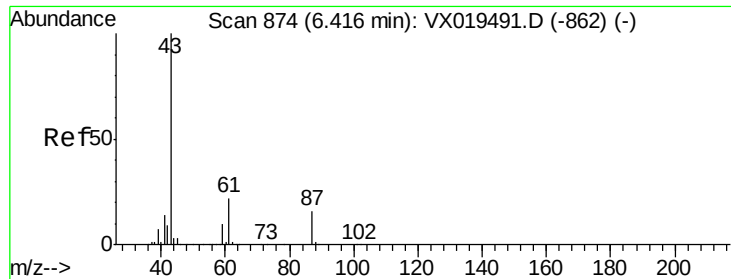
#42
1,2-Dichloroethane
Concen: 49.683 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:	62	Resp:	223286
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 50.237 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

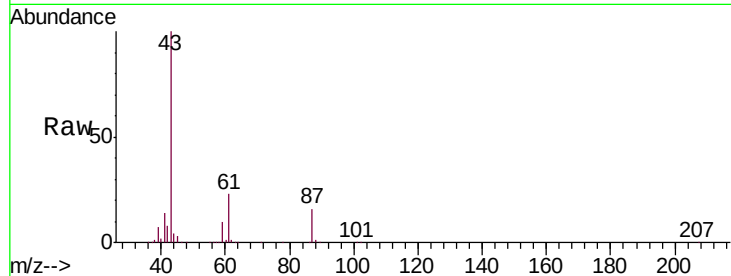
Tgt Ion: 43 Resp: 338330

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.2

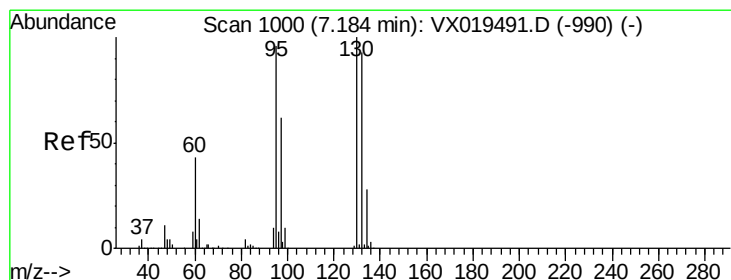
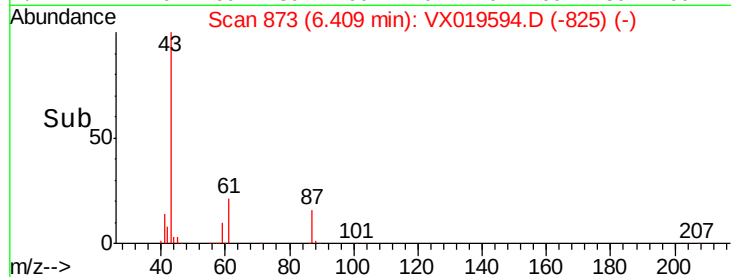
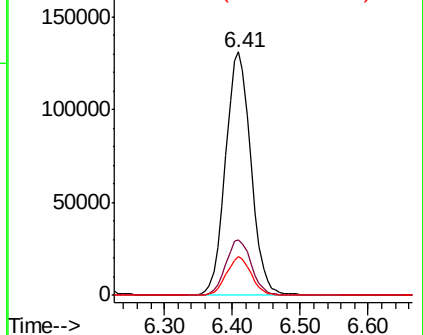
87 15.6 12.6 18.8



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: 46.826 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019594.D

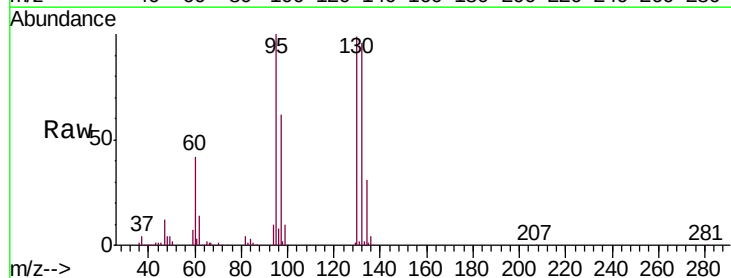
Acq: 24 Nov 2020 09:47

Tgt Ion: 130 Resp: 160826

Ion Ratio Lower Upper

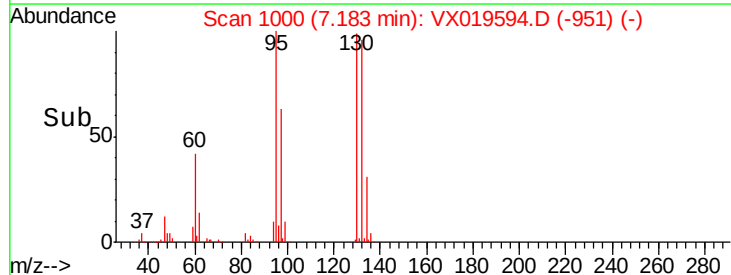
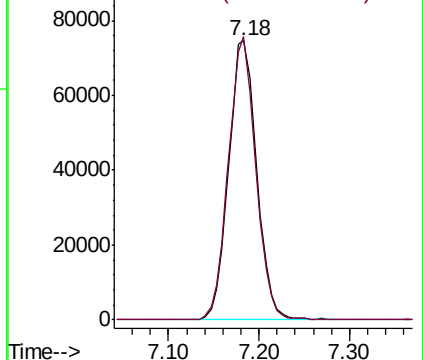
130 100

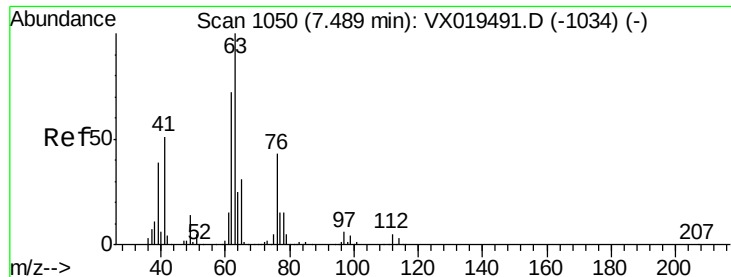
95 101.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.027 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

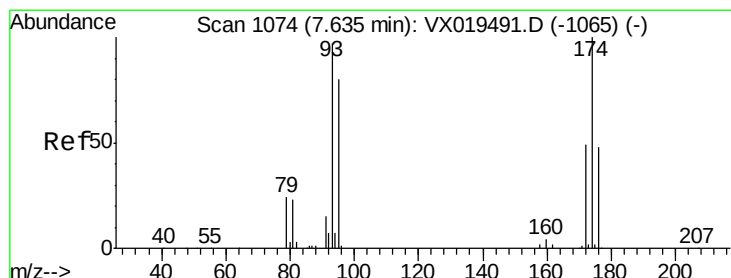
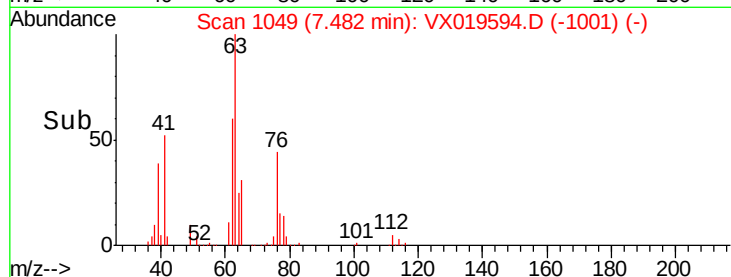
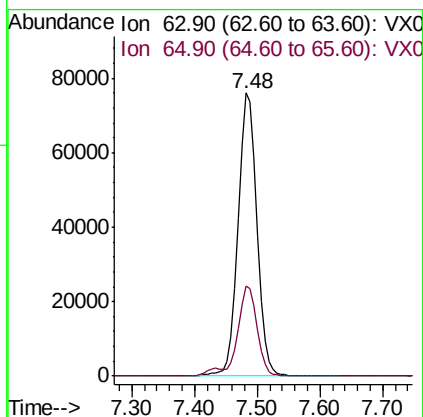
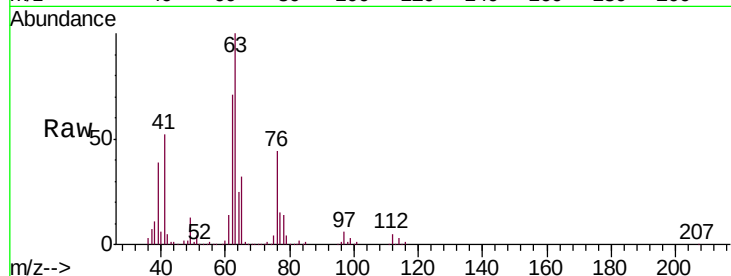
BFB

Tgt Ion: 63 Resp: 158254

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 50.343 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

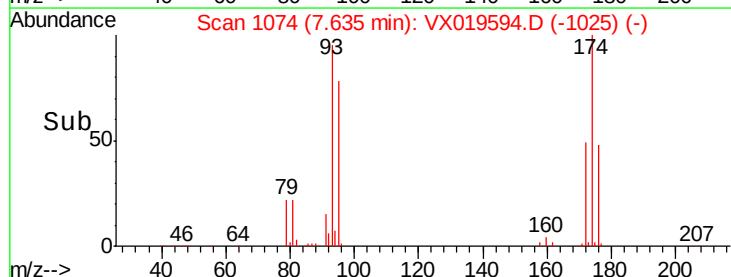
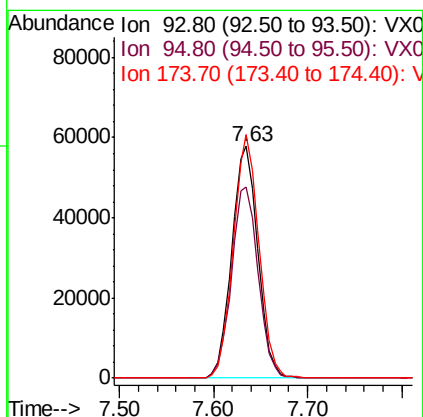
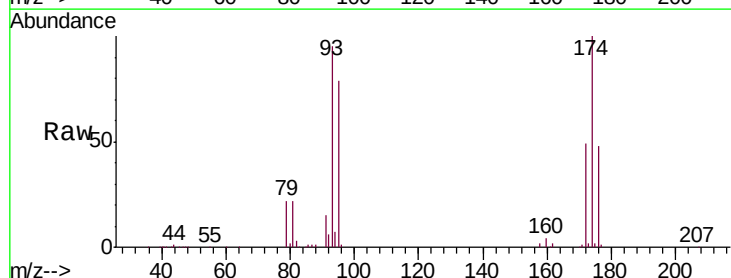
Tgt Ion: 93 Resp: 111222

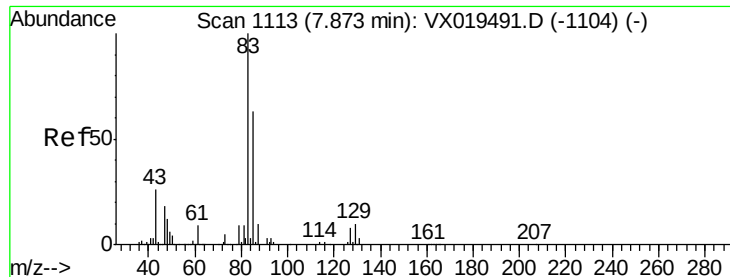
Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

174 103.0 83.0 124.4





#47

Bromodichloromethane

Concen: 51.227 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

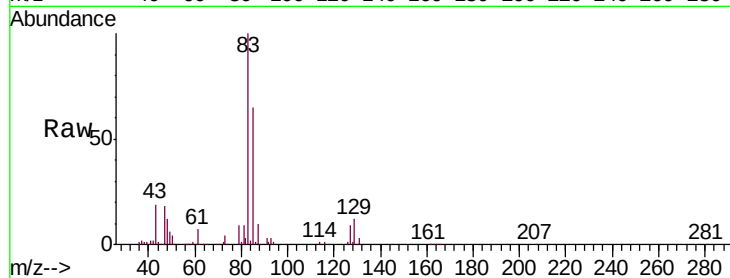
Tgt Ion: 83 Resp: 219612

Ion Ratio Lower Upper

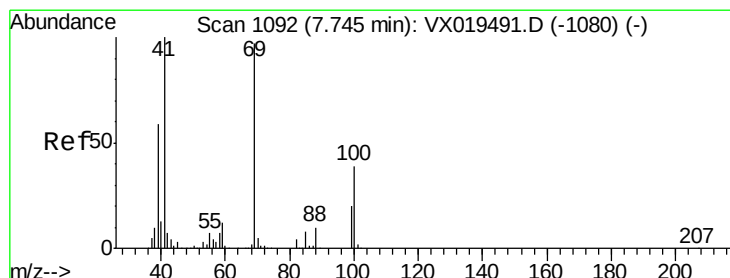
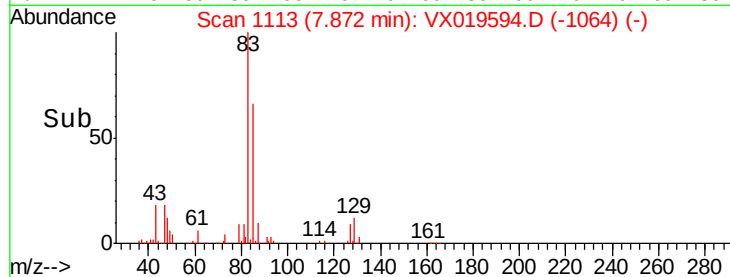
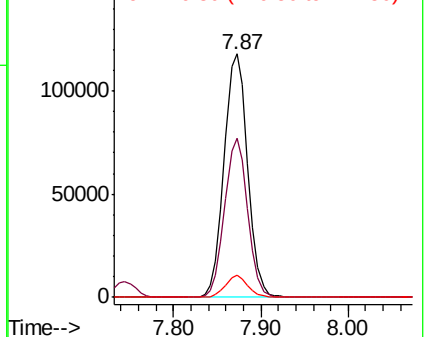
83 100

85 65.4 50.2 75.2

127 8.9 6.4 9.6



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: 52.557 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

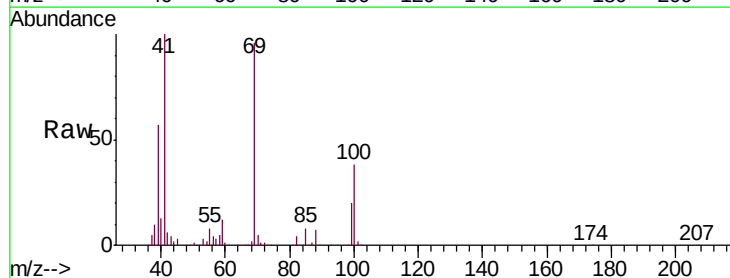
Tgt Ion: 41 Resp: 165765

Ion Ratio Lower Upper

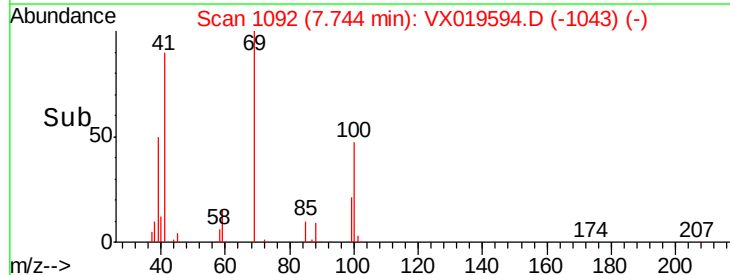
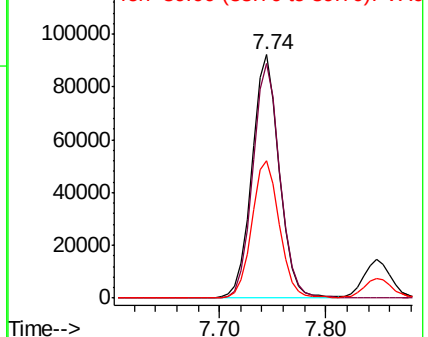
41 100

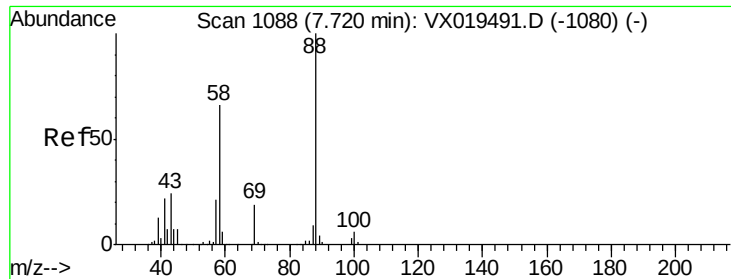
69 96.2 77.0 115.6

39 57.5 45.6 68.4



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

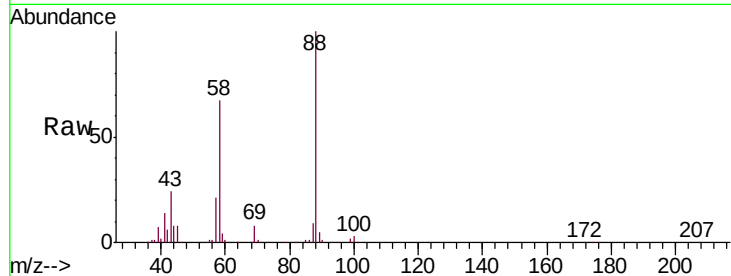




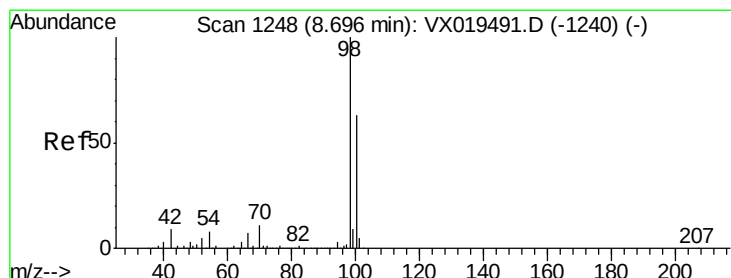
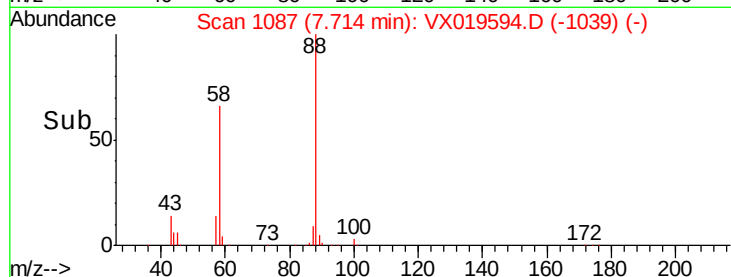
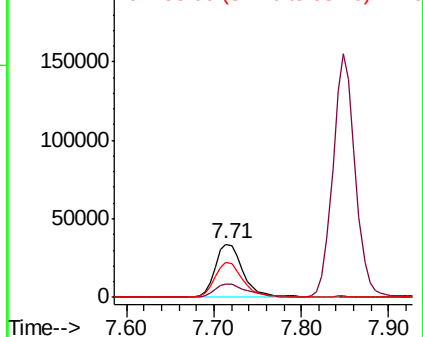
#49
1,4-Dioxane
Concen: 1060.410 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 75939
Ion Ratio Lower Upper
88 100
43 28.0 23.8 35.6
58 66.5 54.2 81.2

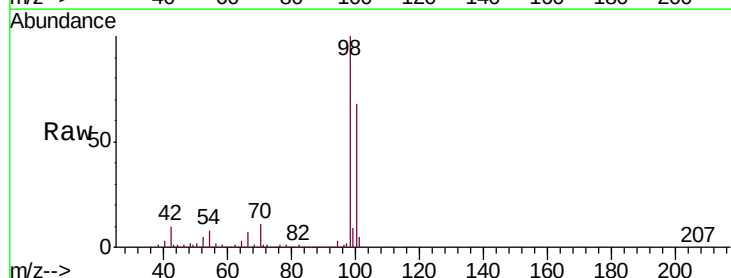


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

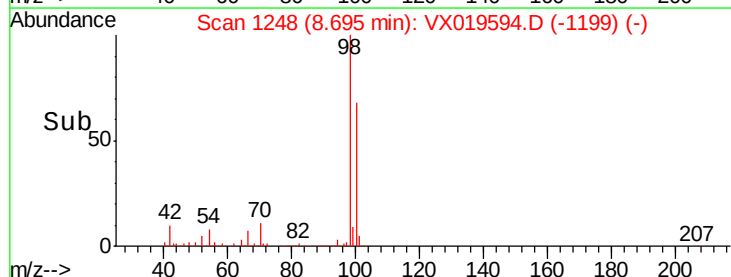
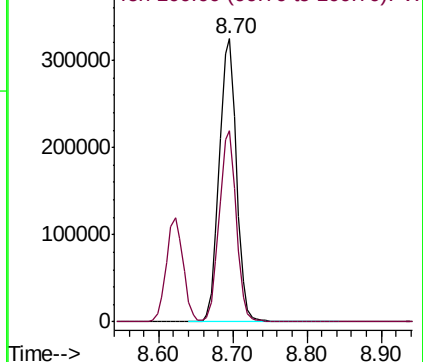


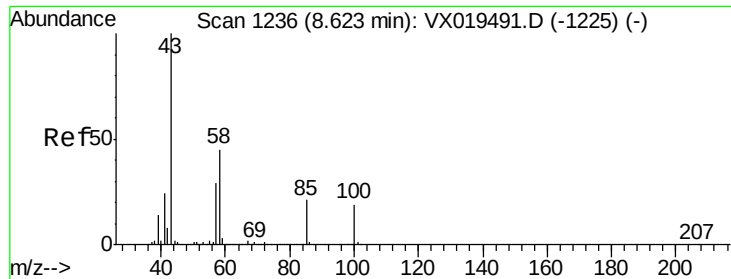
#50
Toluene-d8
Concen: 46.767 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 98 Resp: 519260
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



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

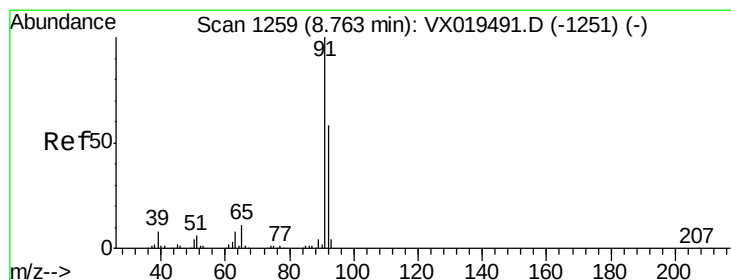
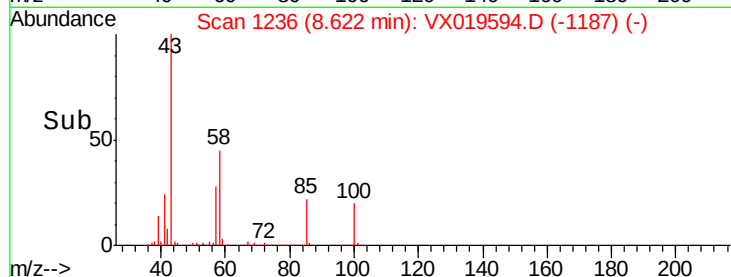
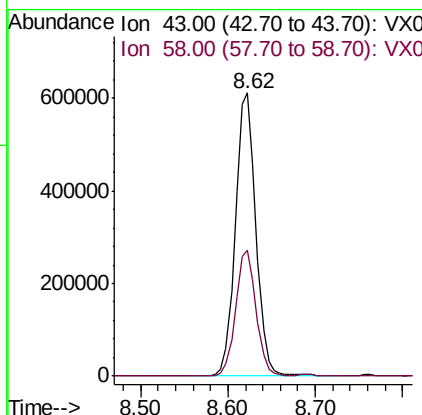
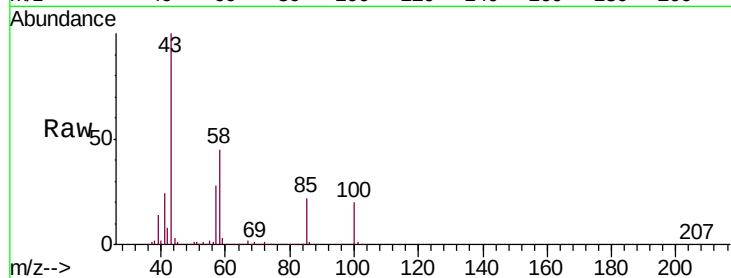




#51
 4-Methyl-2-Pentanone
 Concen: 255.066 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

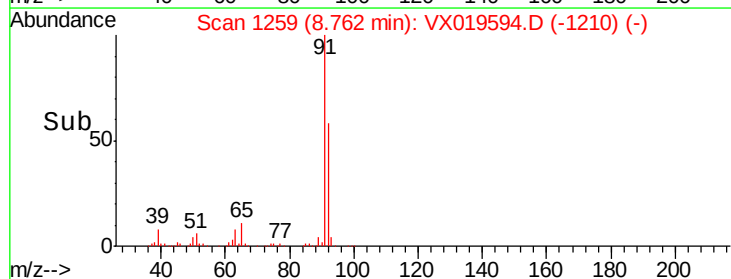
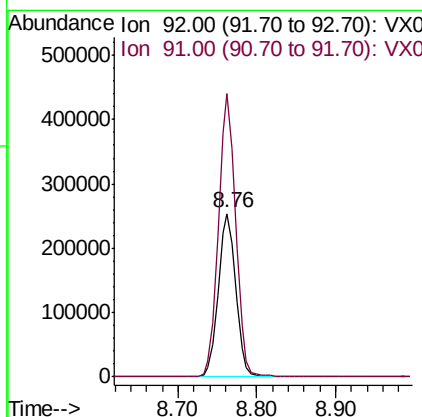
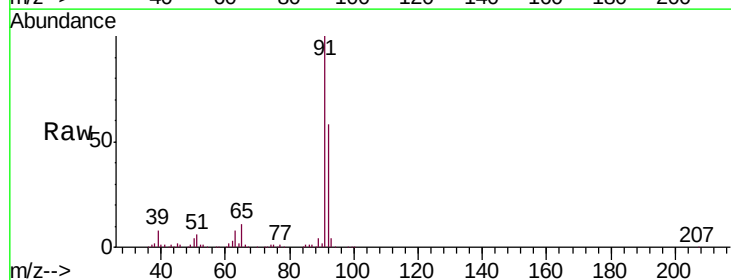
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

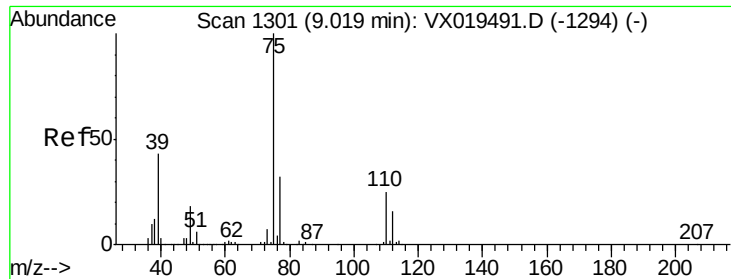
Tgt Ion: 43 Resp: 1001687
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.1 52.7



#52
 Toluene
 Concen: 48.859 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 92 Resp: 391913
 Ion Ratio Lower Upper
 92 100
 91 171.4 138.1 207.1

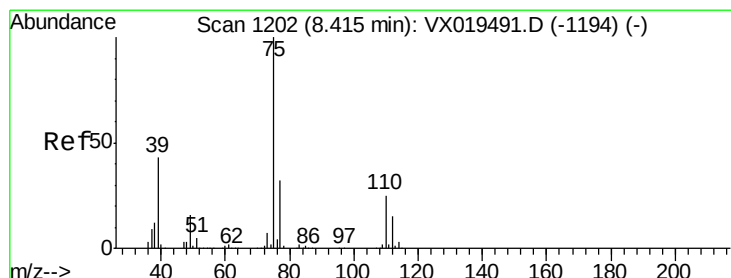
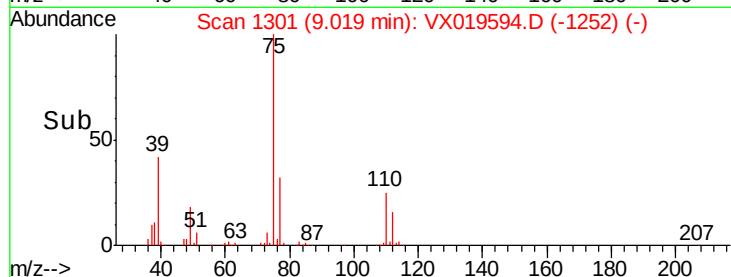
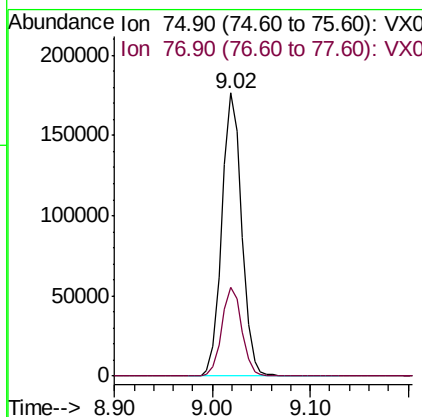
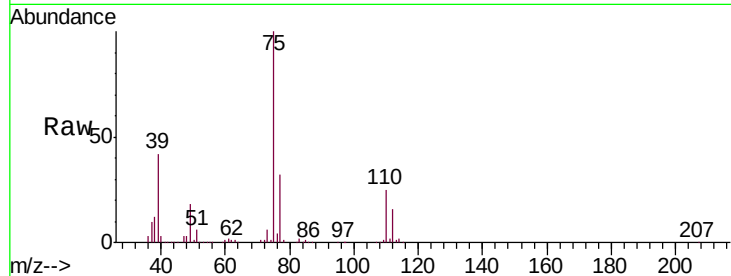




#53
t-1,3-Dichloropropene
Concen: 53.816 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

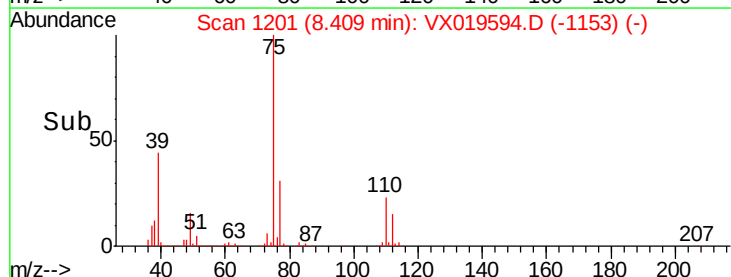
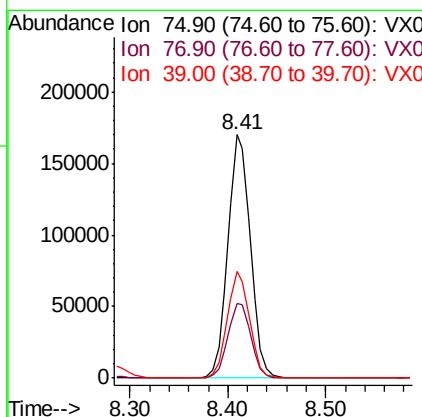
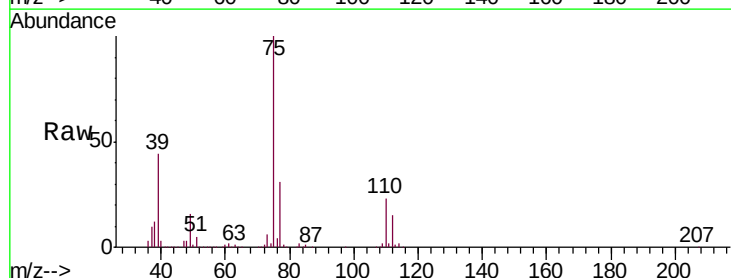
Instrument :
MSVOA_X
ClientSampleId :
BFB

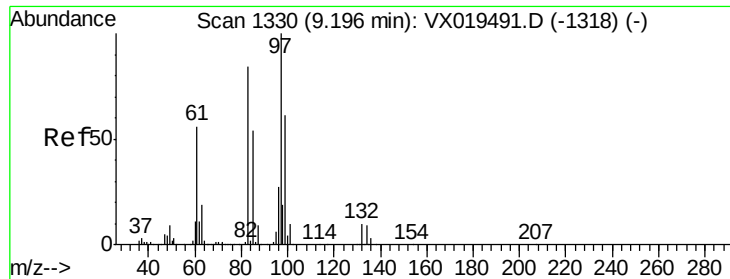
Tgt Ion: 75 Resp: 249161
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.616 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 75 Resp: 270342
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 43.7 34.6 51.8

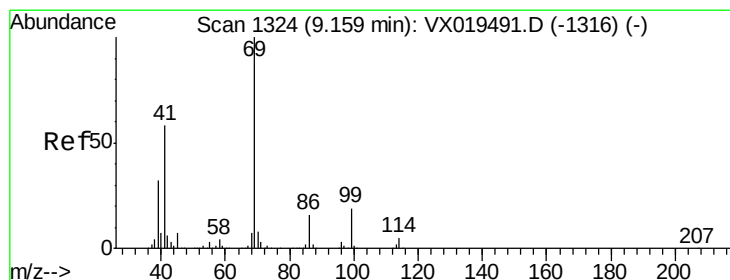
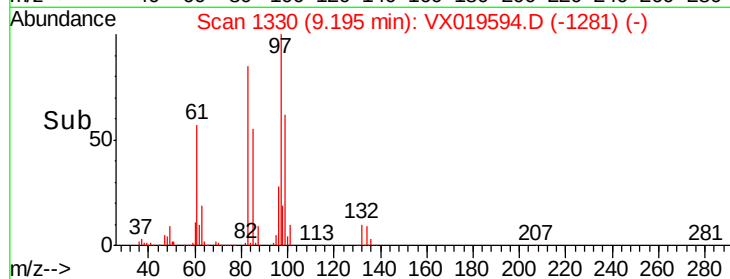
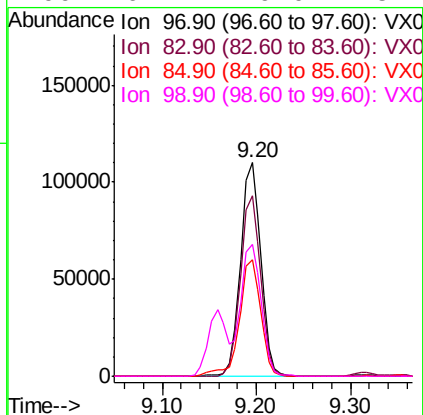
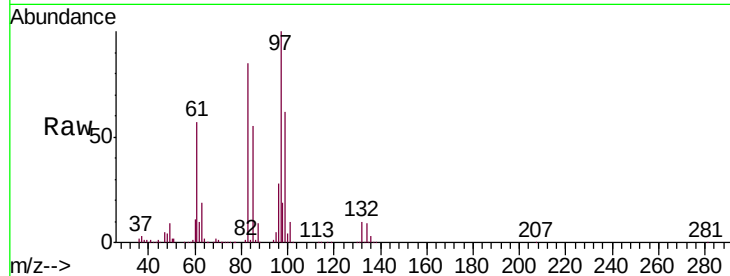




#55
 1,1,2-Trichloroethane
 Concen: 50.618 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

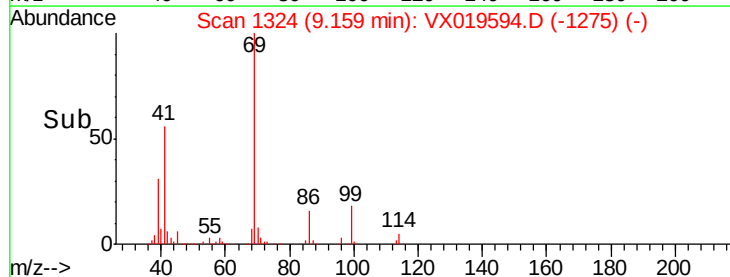
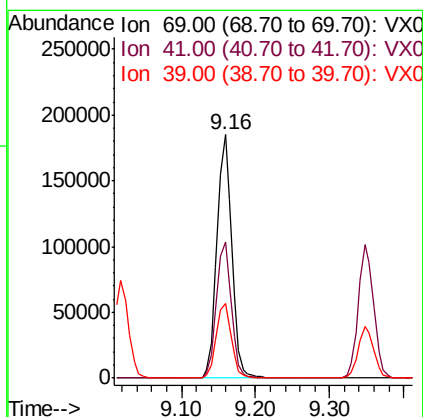
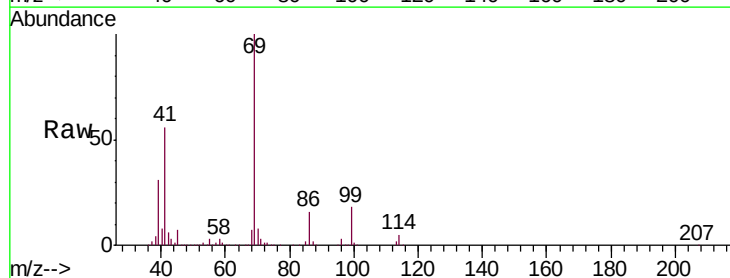
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

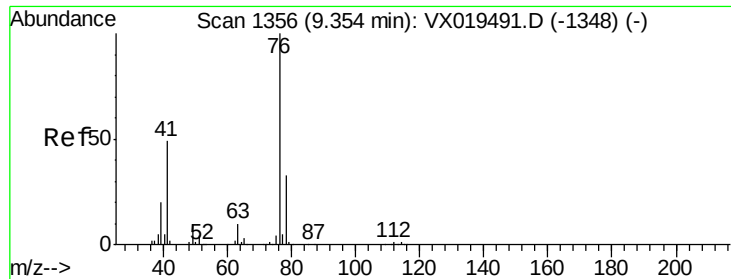
Tgt Ion:	97	Resp:	165358
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.0	100.6
85	54.8	43.4	65.0
99	61.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.665 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion:	69	Resp:	252690
Ion	Ratio	Lower	Upper
69	100		
41	56.4	46.2	69.2
39	31.4	25.5	38.3

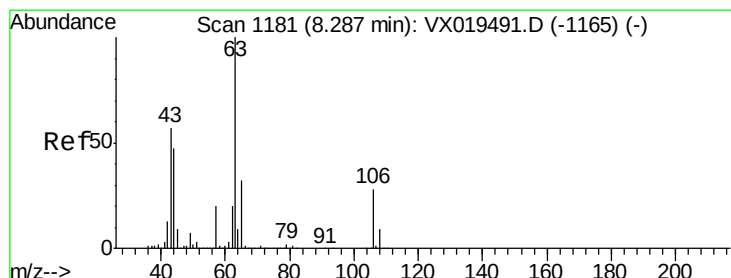
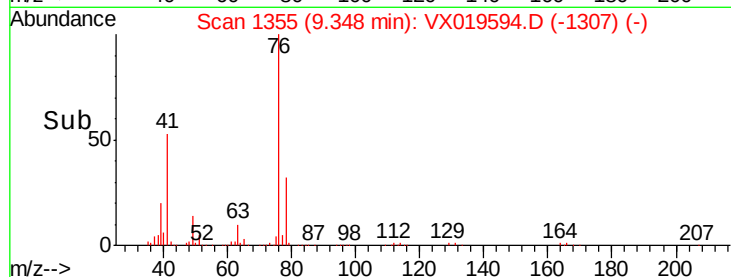
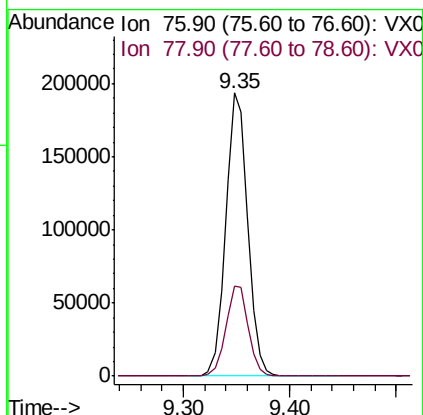
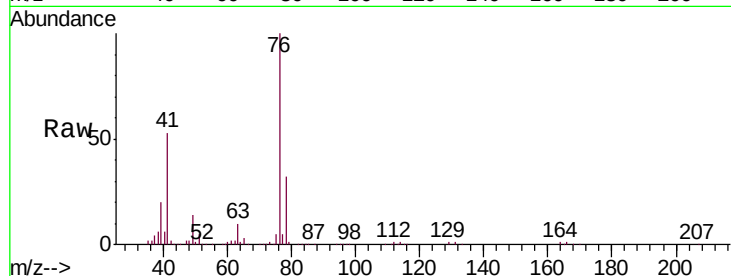




#57
 1,3-Dichloropropane
 Concen: 50.973 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

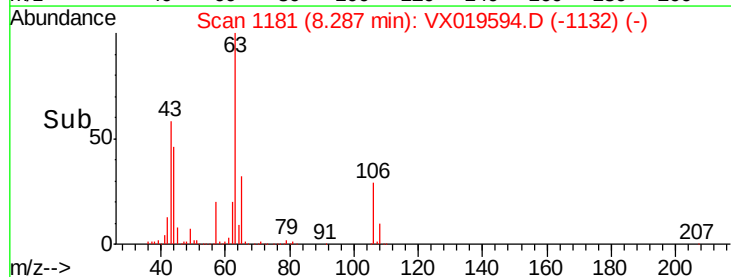
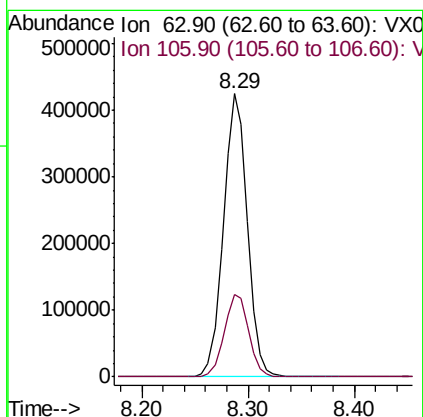
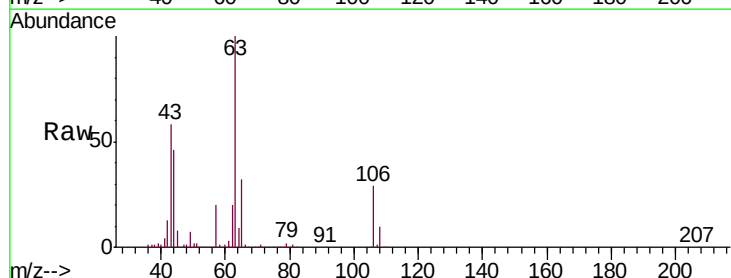
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

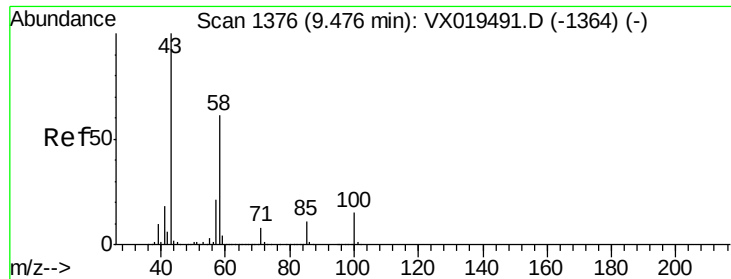
Tgt Ion: 76 Resp: 278786
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.684 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 63 Resp: 662744
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.7 35.5

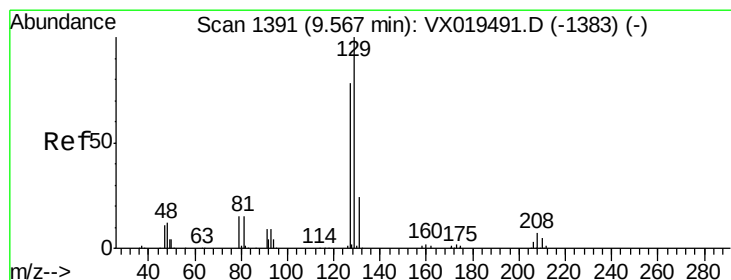
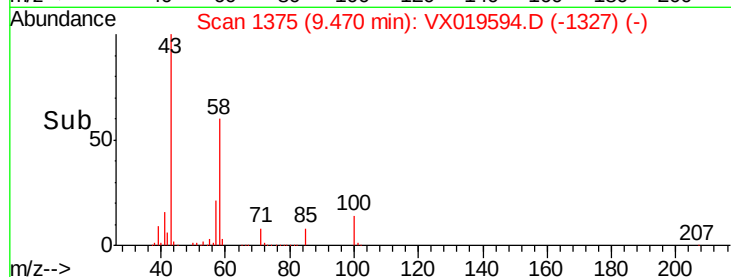
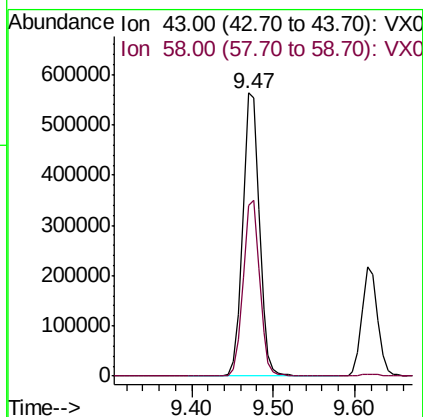
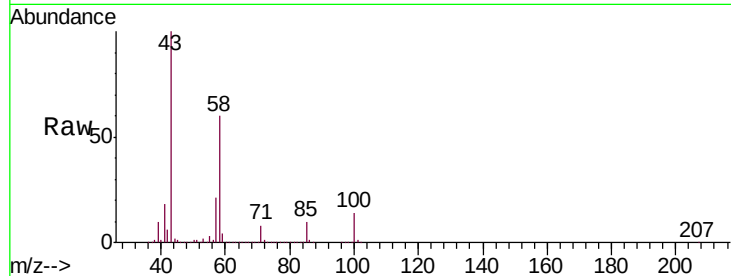




#59
2-Hexanone
Concen: 263.535 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

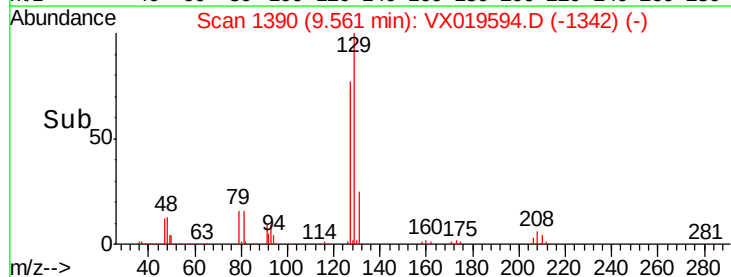
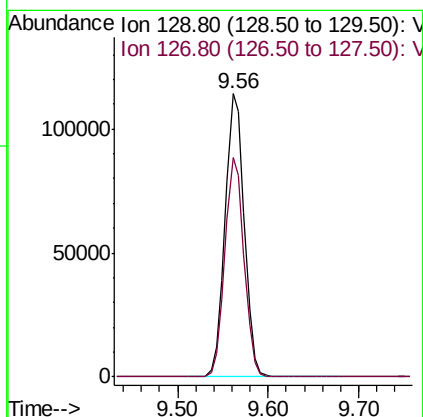
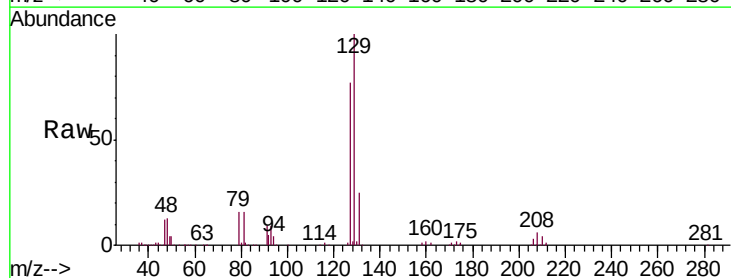
Instrument :
MSVOA_X
ClientSampleId :
BFB

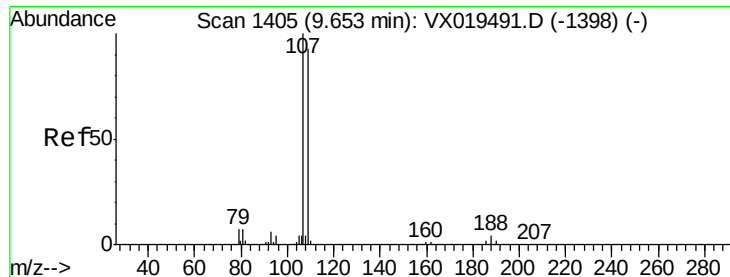
Tgt Ion: 43 Resp: 784928
Ion Ratio Lower Upper
43 100
58 61.9 30.6 91.6



#60
Dibromochloromethane
Concen: 52.434 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion: 129 Resp: 167778
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 51.514 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

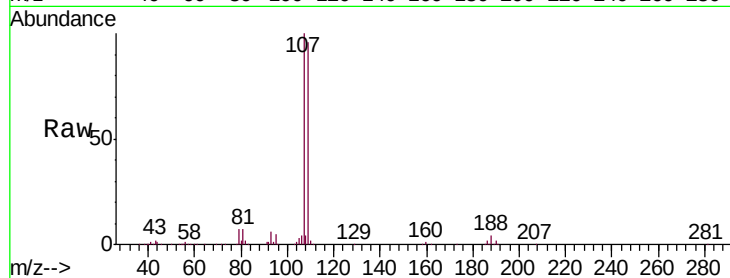
BFB

Tgt Ion: 107 Resp: 173465

Ion Ratio Lower Upper

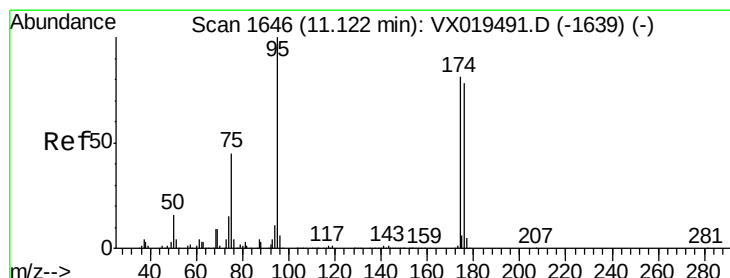
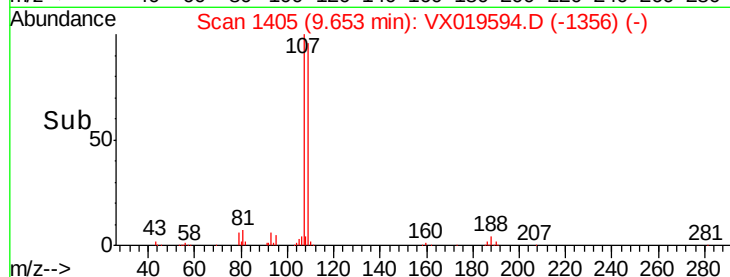
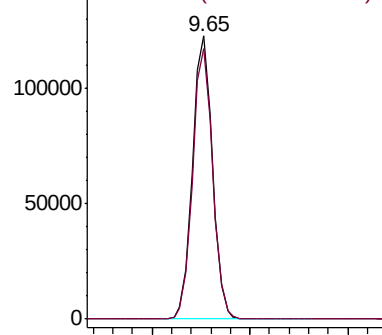
107 100

109 95.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.103 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

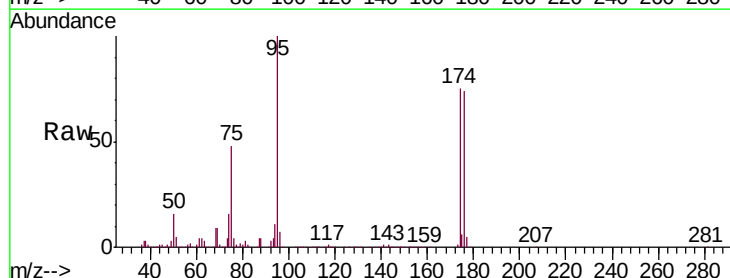
Tgt Ion: 95 Resp: 196156

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.2

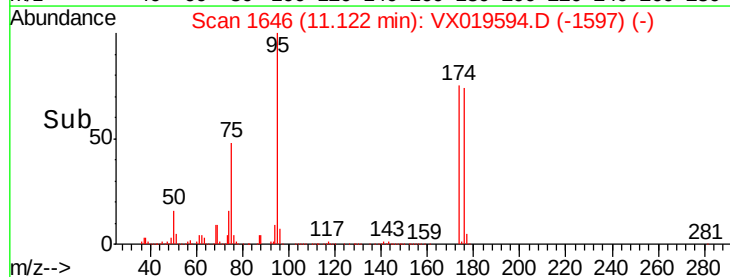
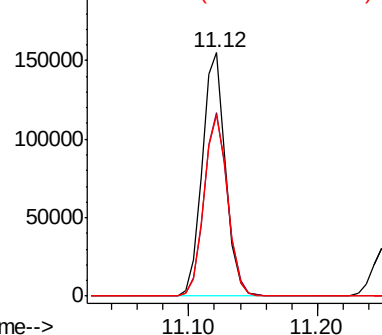
176 75.5 0.0 151.4

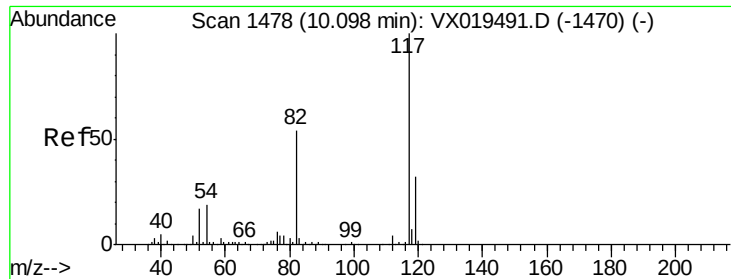


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

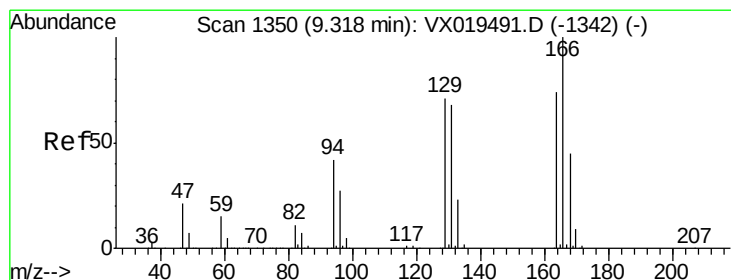
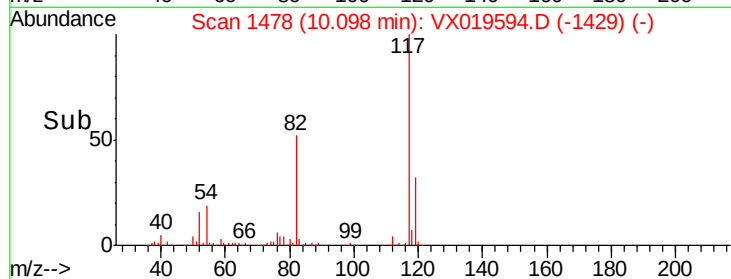
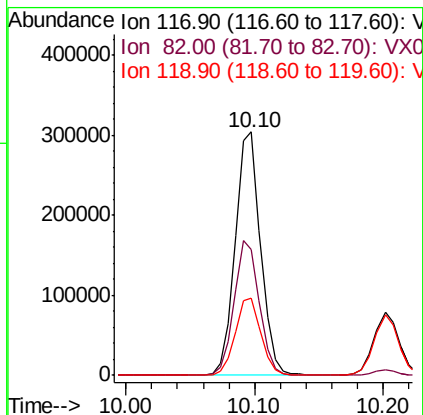
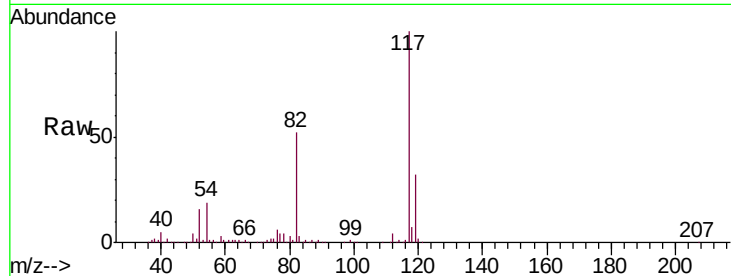




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

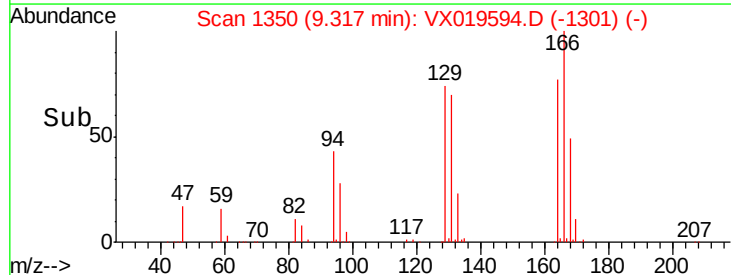
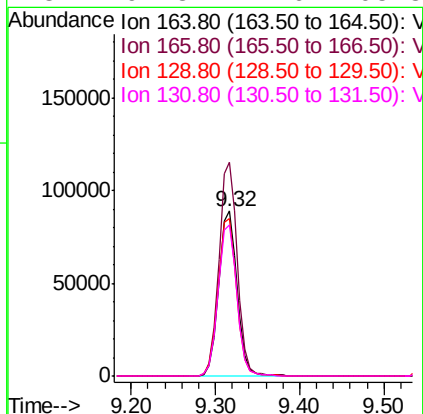
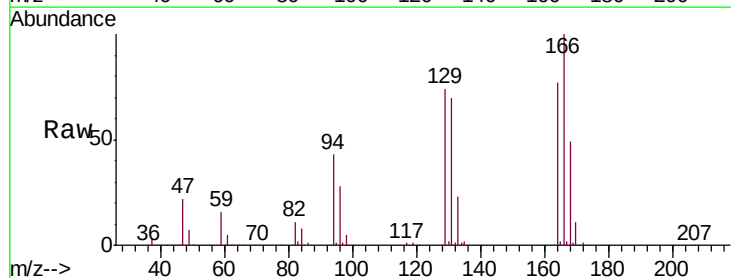
Instrument :
MSVOA_X
ClientSampleId :
BFB

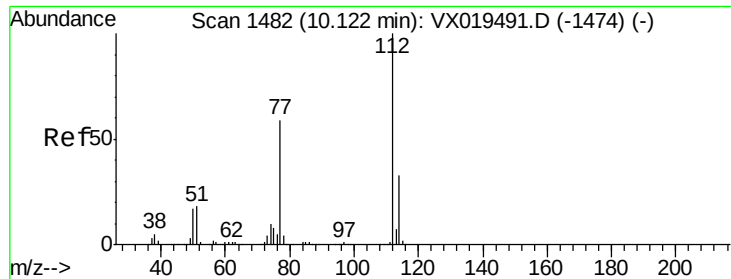
Tgt Ion:117 Resp: 417428
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 41.012 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:164 Resp: 134567
Ion Ratio Lower Upper
164 100
166 129.7 107.4 161.0
129 95.9 76.6 114.8
131 91.3 72.6 108.8

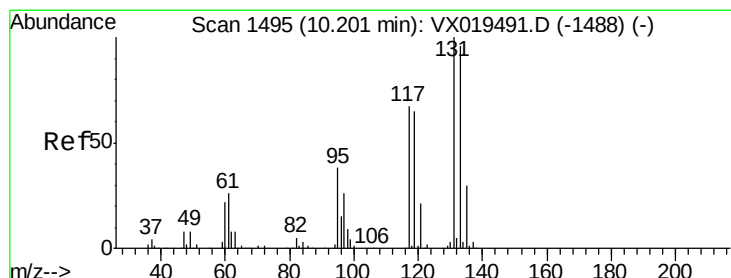
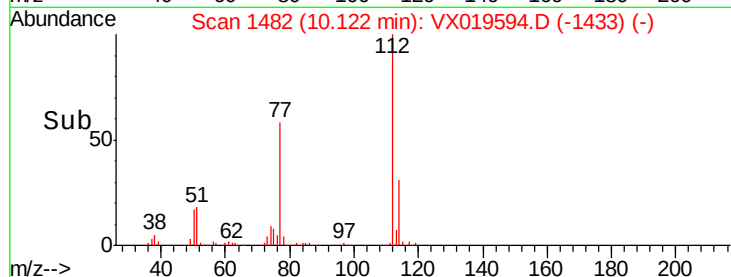
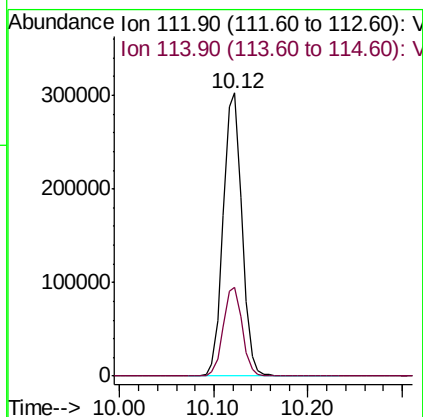
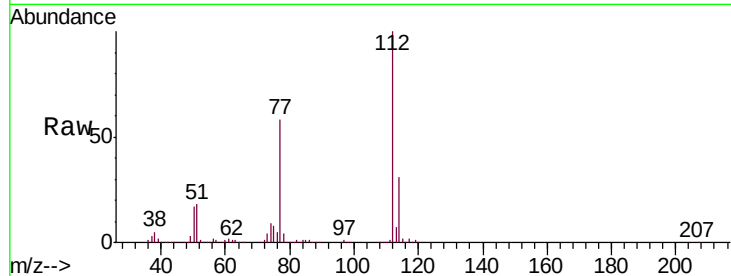




#65
Chlorobenzene
Concen: 48.682 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

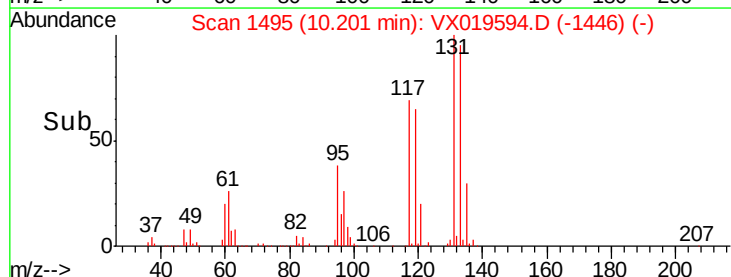
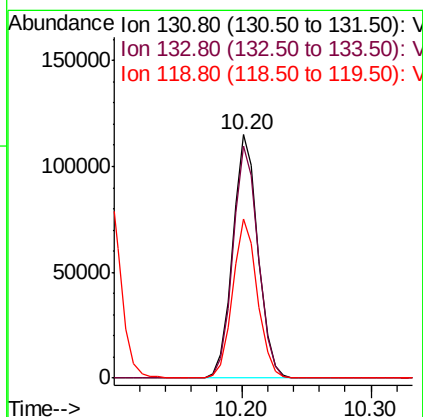
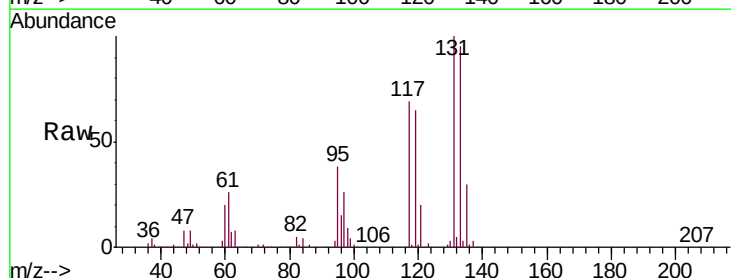
Instrument :
MSVOA_X
ClientSampleId :
BFB

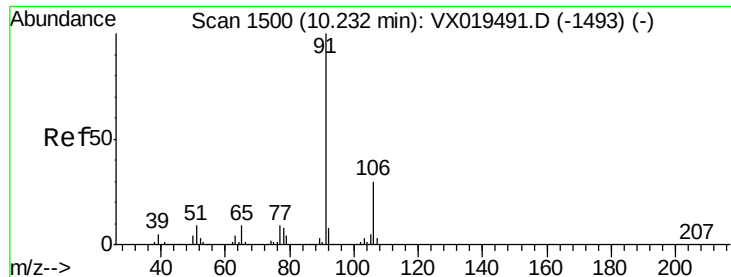
Tgt Ion:112 Resp: 417808
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.259 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:131 Resp: 156898
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.5
119 64.0 33.0 99.0





#67

Ethyl Benzene

Concen: 48.458 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

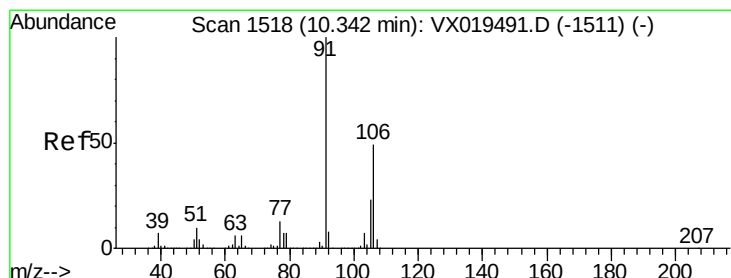
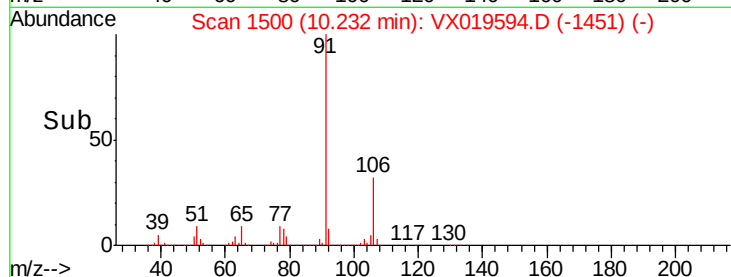
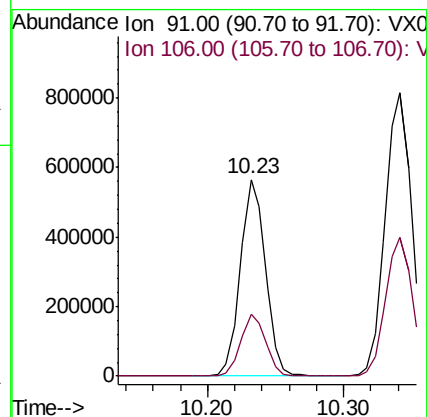
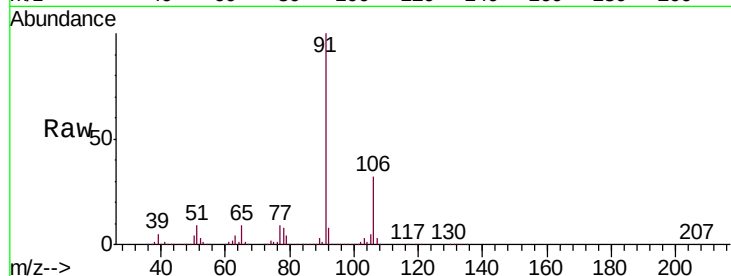
BFB

Tgt Ion: 91 Resp: 728569

Ion Ratio Lower Upper

91 100

106 31.7 24.0 36.0



#68

m/p-Xylenes

Concen: 98.181 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019594.D

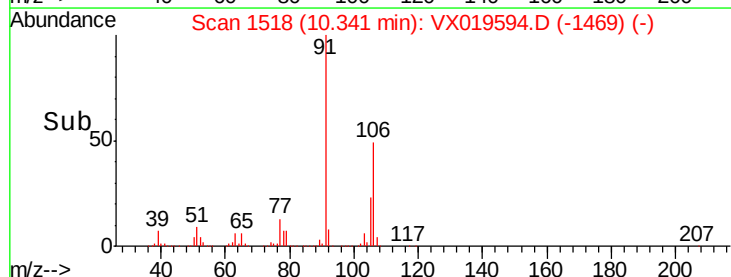
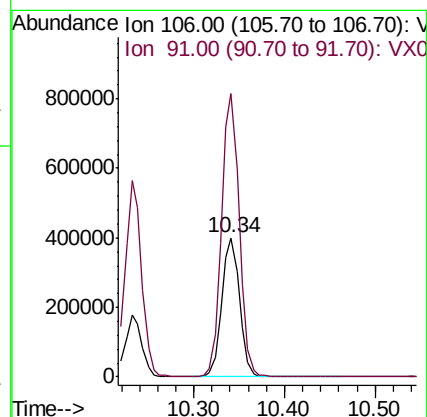
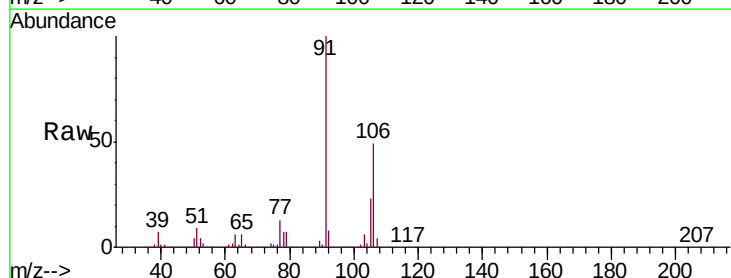
Acq: 24 Nov 2020 09:47

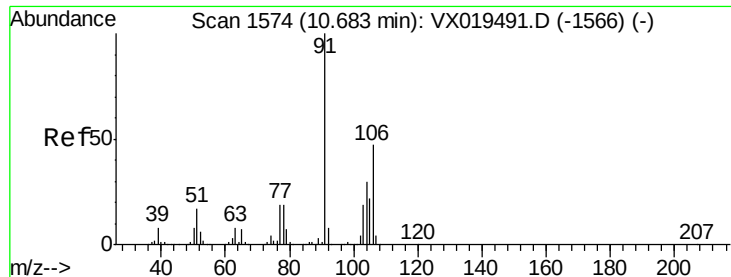
Tgt Ion: 106 Resp: 549960

Ion Ratio Lower Upper

106 100

91 203.1 163.3 244.9

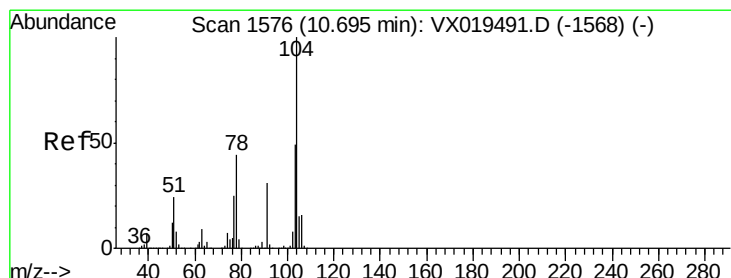
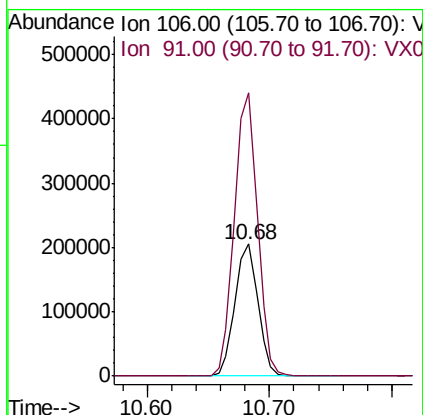
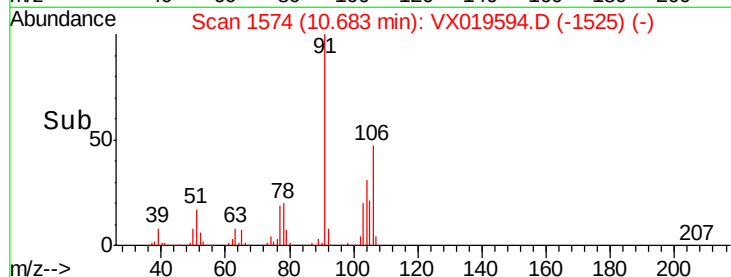
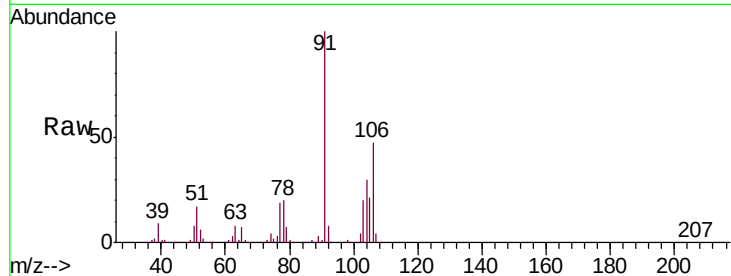




#69
o-Xylene
Concen: 49.849 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

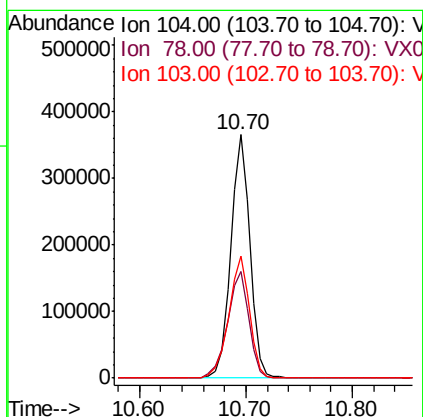
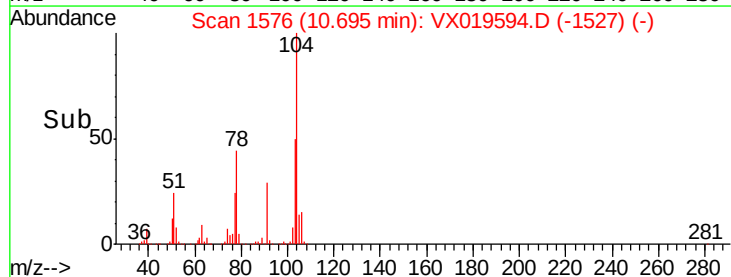
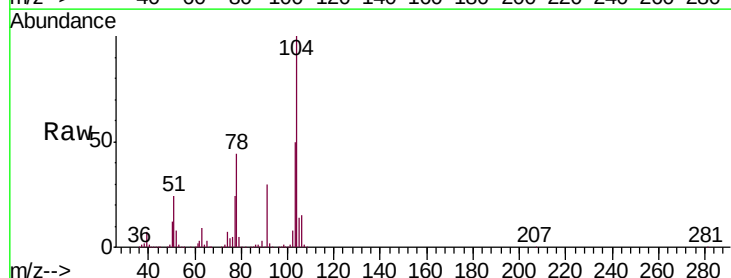
Instrument :
MSVOA_X
ClientSampled :
BFB

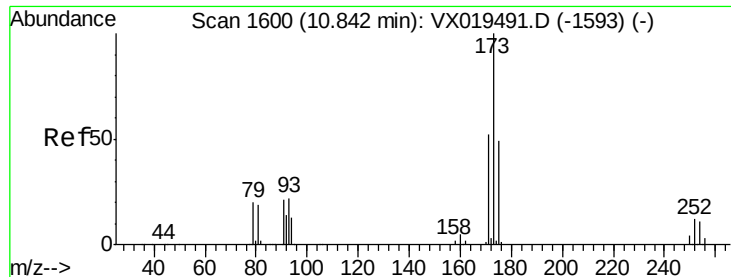
Tgt Ion:106 Resp: 266921
Ion Ratio Lower Upper
106 100
91 215.6 108.0 324.0



#70
Styrene
Concen: 46.719 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019594.D
Acq: 24 Nov 2020 09:47

Tgt Ion:104 Resp: 461960
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 45.059 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

BFB

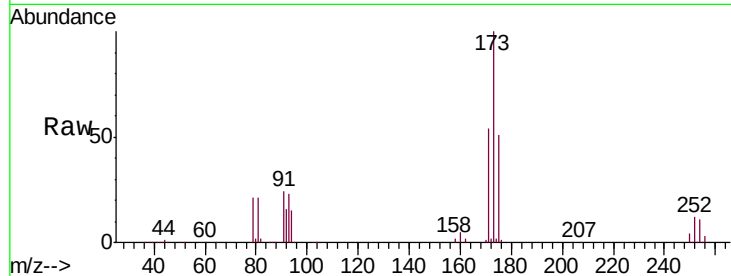
Tgt Ion:173 Resp: 118142

Ion Ratio Lower Upper

173 100

175 50.5 24.9 74.8

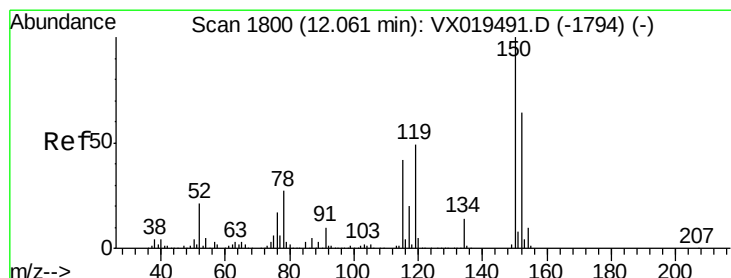
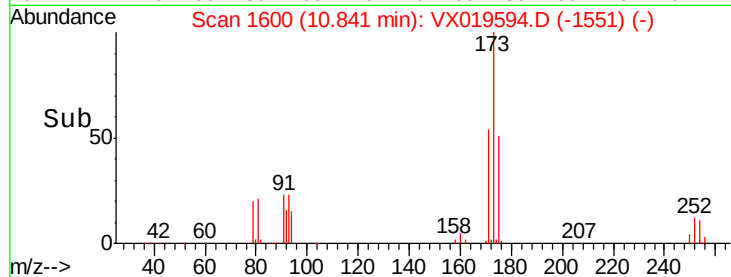
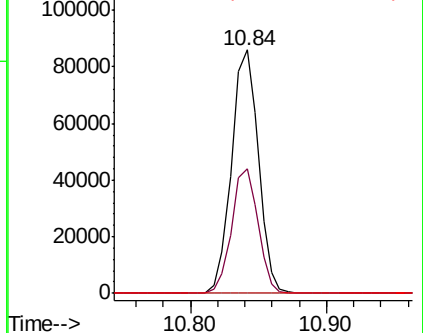
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

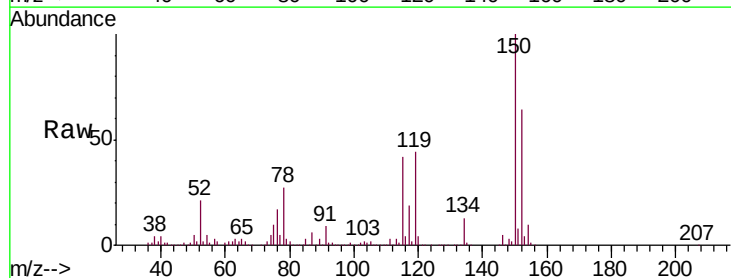
Tgt Ion:152 Resp: 203004

Ion Ratio Lower Upper

152 100

115 82.2 41.8 125.4

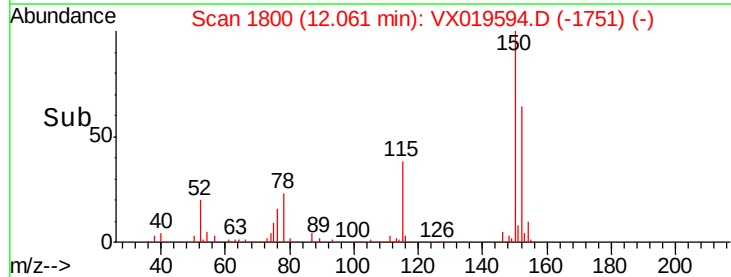
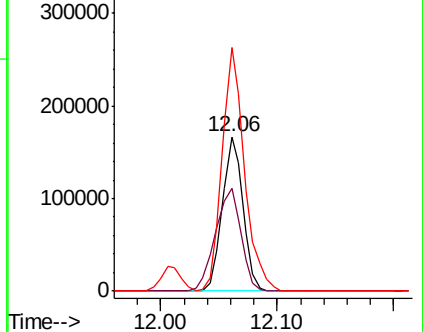
150 171.2 0.0 348.2

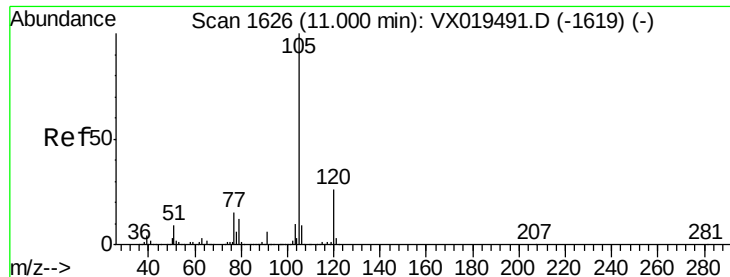


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.483 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

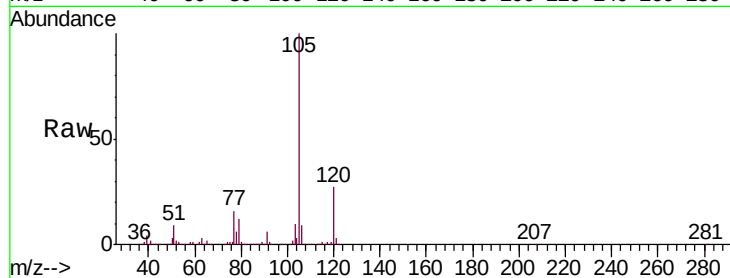
BFB

Tgt Ion:105 Resp: 694903

Ion Ratio Lower Upper

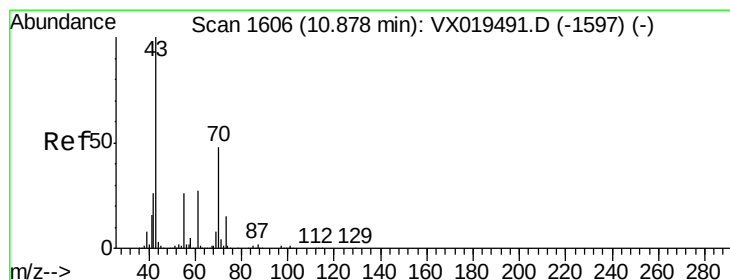
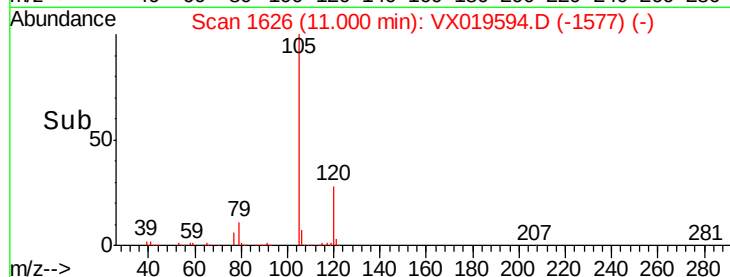
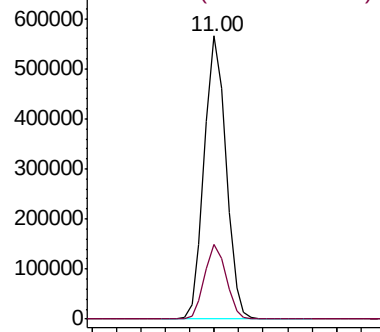
105 100

120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.597 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Tgt Ion: 43 Resp: 287307

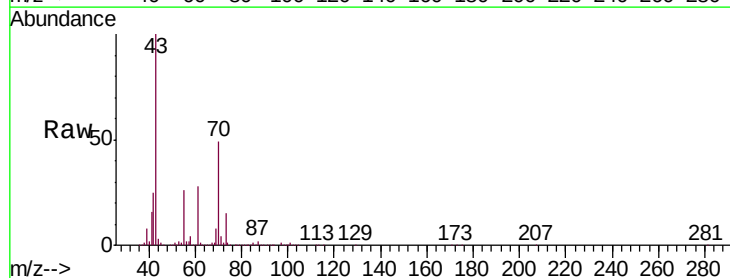
Ion Ratio Lower Upper

43 100

70 49.9 39.7 59.5

55 26.7 21.8 32.6

61 28.0 22.2 33.4

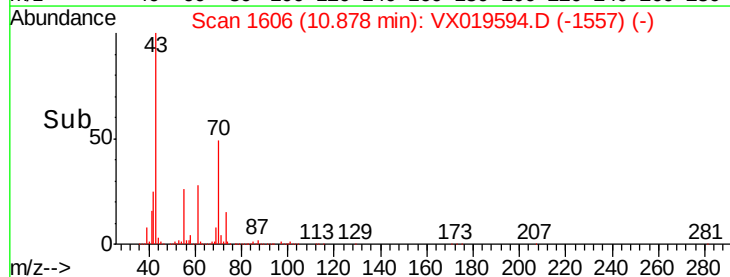
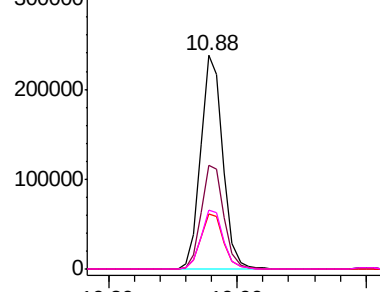


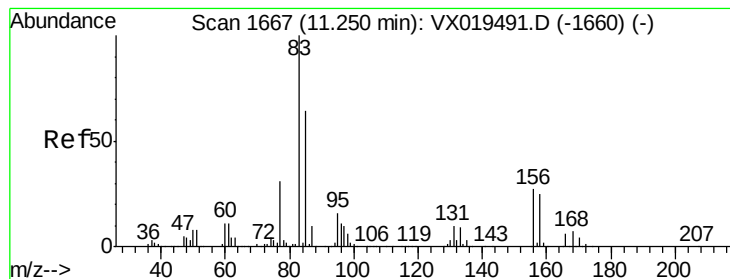
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.658 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

BFB

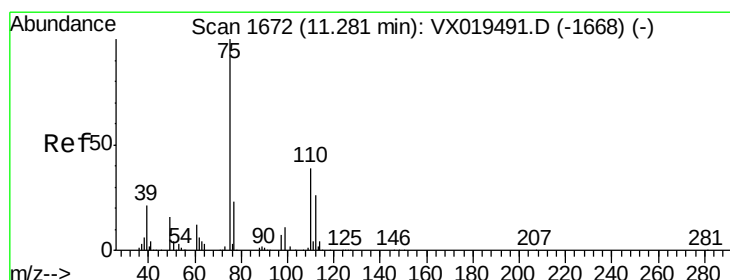
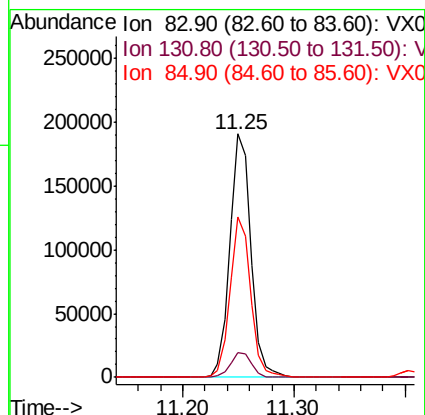
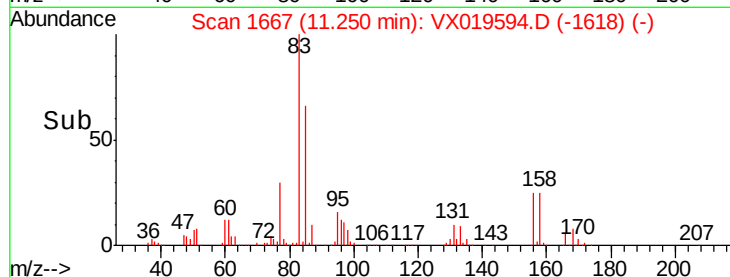
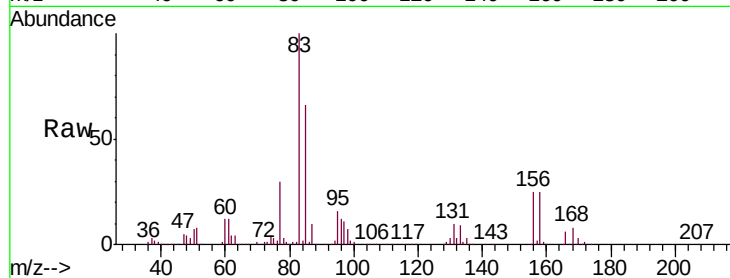
Tgt Ion: 83 Resp: 249382

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.4 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 63.554 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019594.D

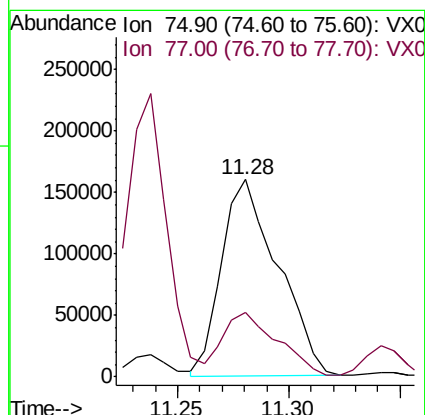
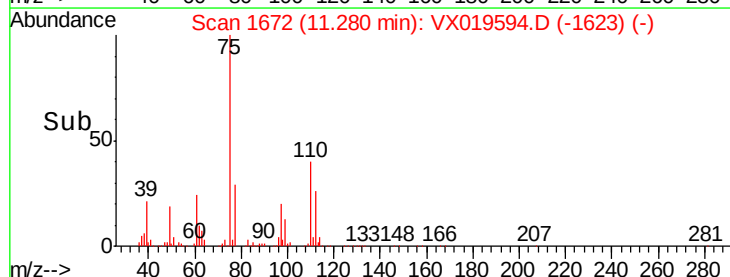
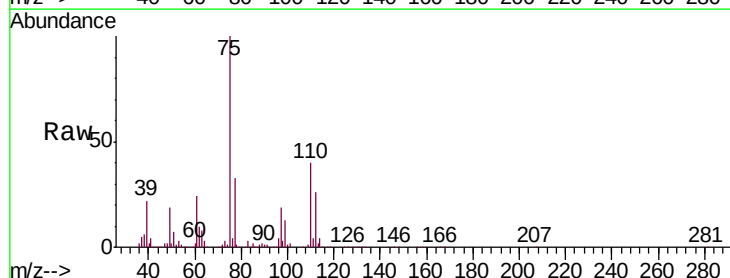
Acq: 24 Nov 2020 09:47

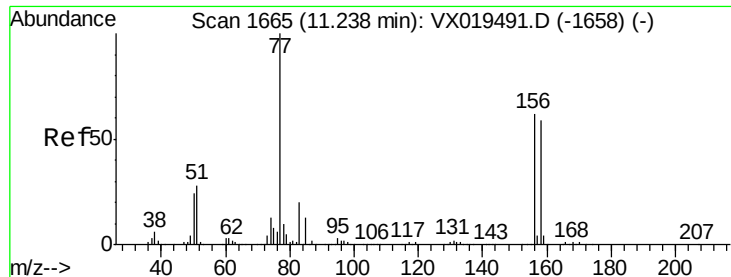
Tgt Ion: 75 Resp: 281559

Ion Ratio Lower Upper

75 100

77 32.1 20.0 60.0





#77

Bromobenzene

Concen: 50.501 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

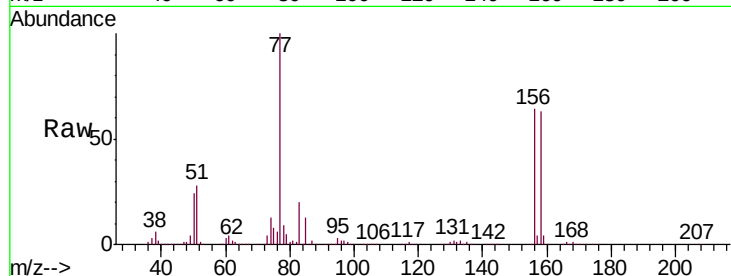
Tgt Ion:156 Resp: 181049

Ion Ratio Lower Upper

156 100

77 161.8 82.5 247.3

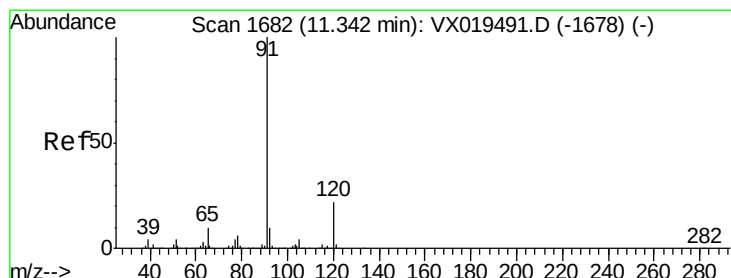
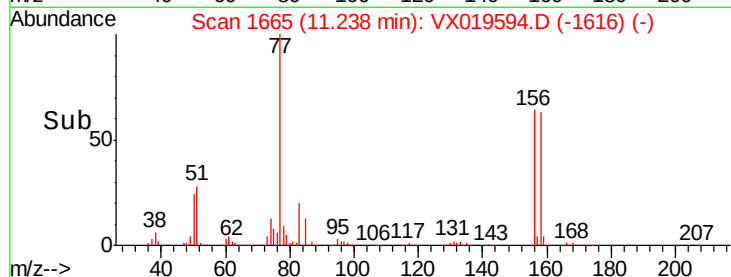
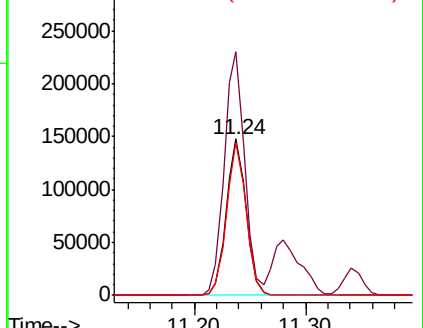
158 96.9 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.547 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019594.D

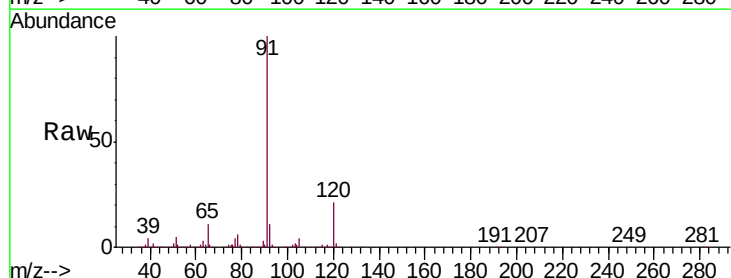
Acq: 24 Nov 2020 09:47

Tgt Ion: 91 Resp: 782120

Ion Ratio Lower Upper

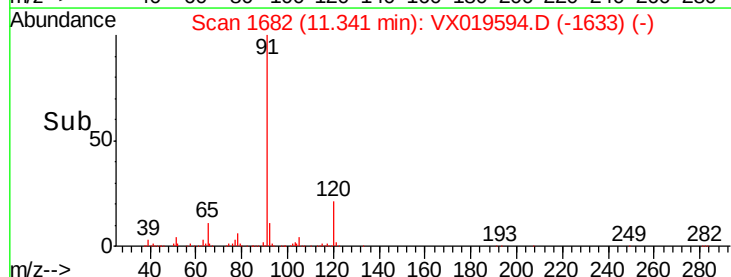
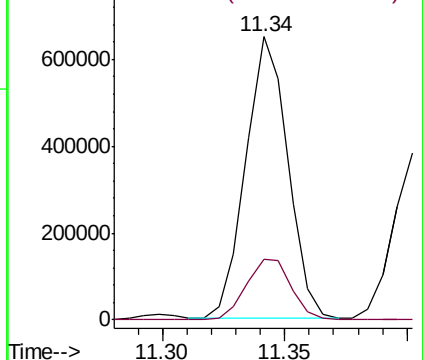
91 100

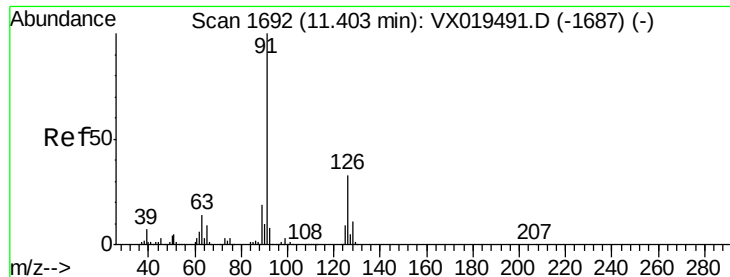
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

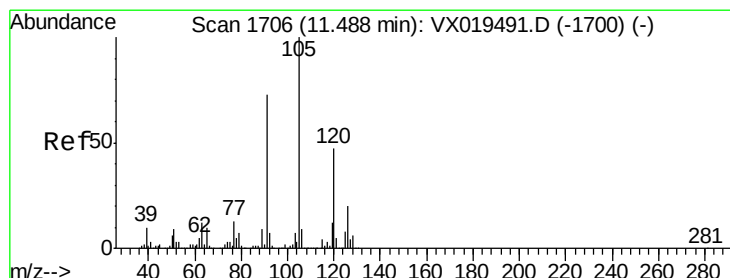
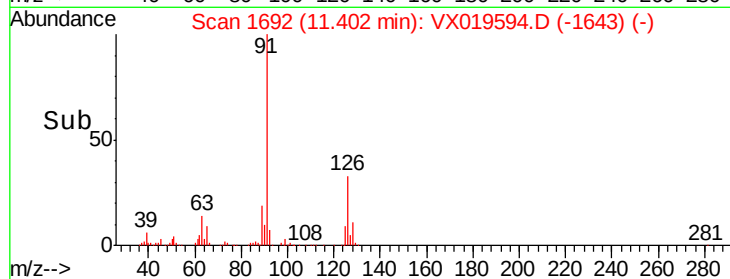
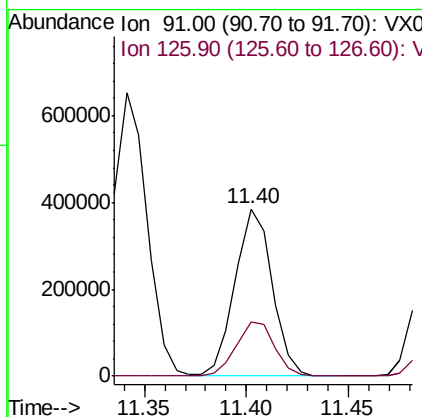
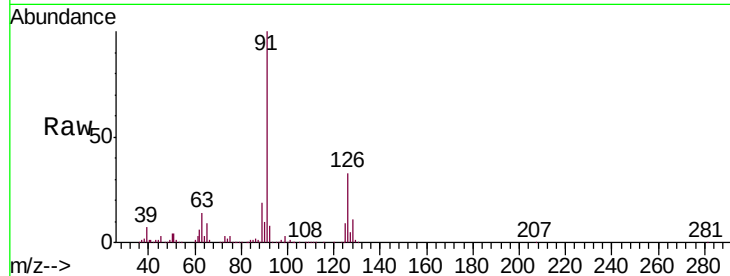




#79
 2-Chlorotoluene
 Concen: 49.696 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

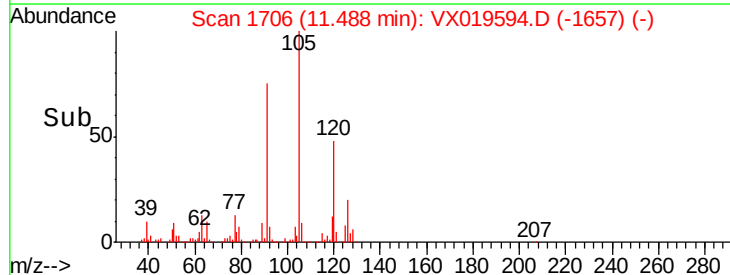
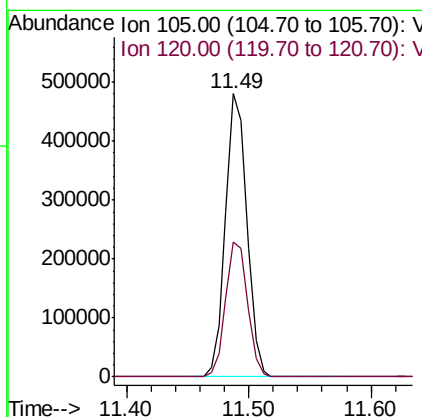
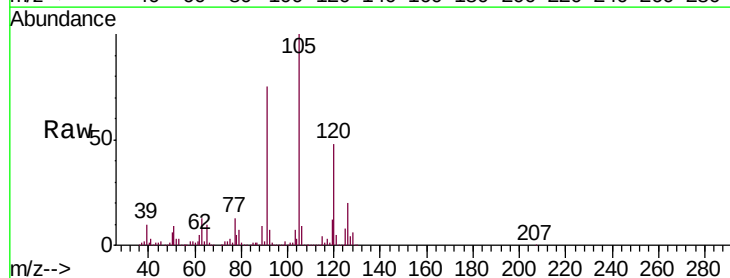
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

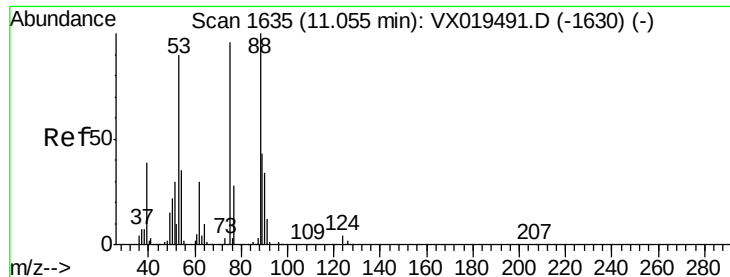
Tgt Ion: 91 Resp: 485547
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.396 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 105 Resp: 581915
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.370 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

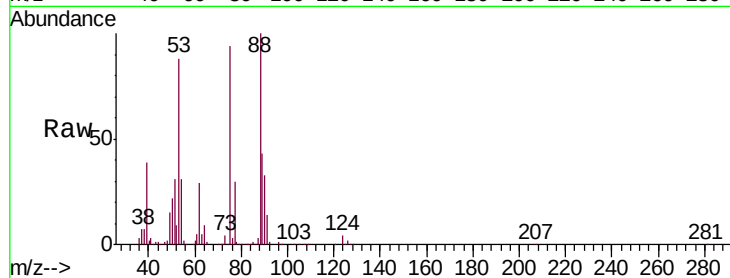
Tgt Ion: 75 Resp: 80885

Ion Ratio Lower Upper

75 100

53 92.4 73.9 110.9

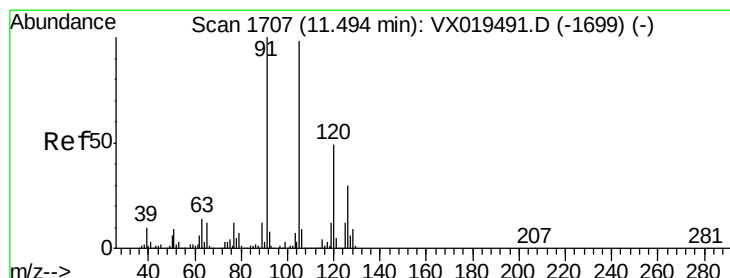
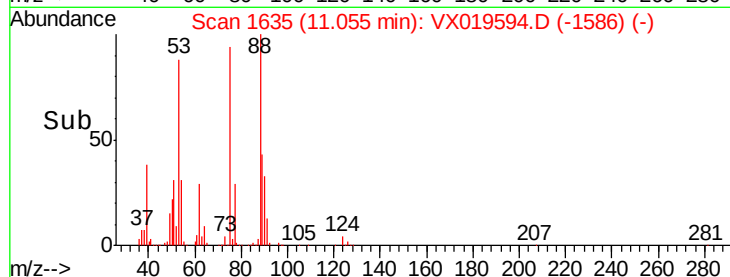
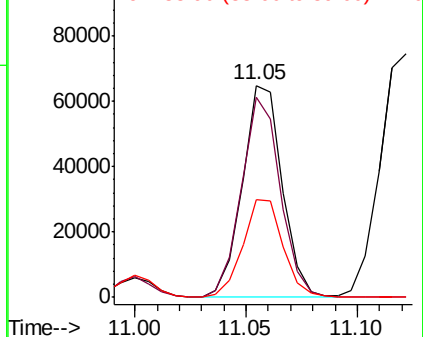
89 47.0 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.887 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019594.D

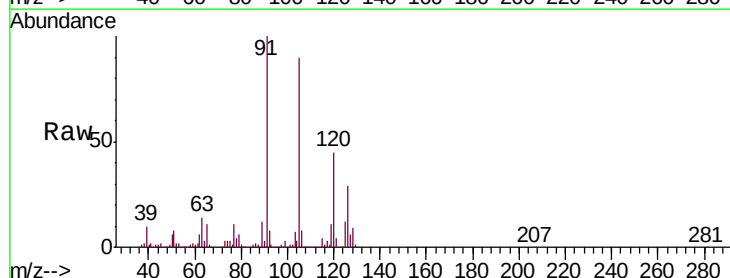
Acq: 24 Nov 2020 09:47

Tgt Ion: 91 Resp: 573785

Ion Ratio Lower Upper

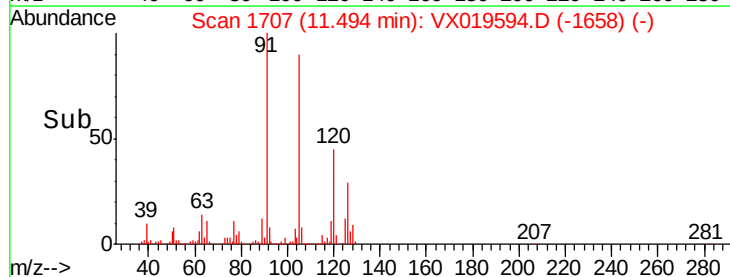
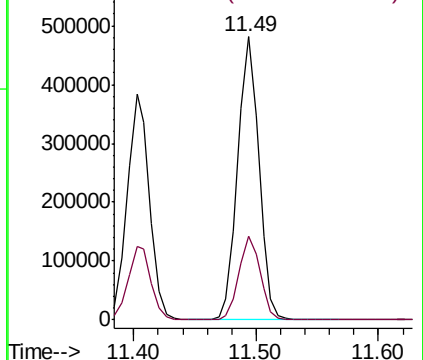
91 100

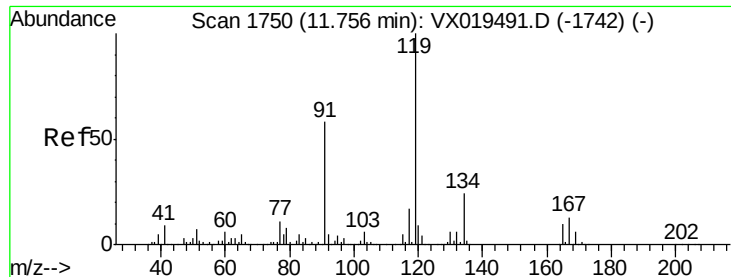
126 29.7 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

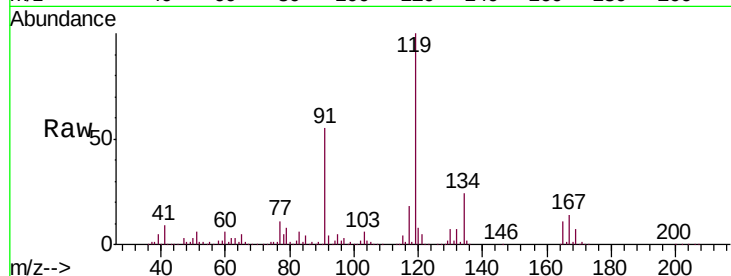




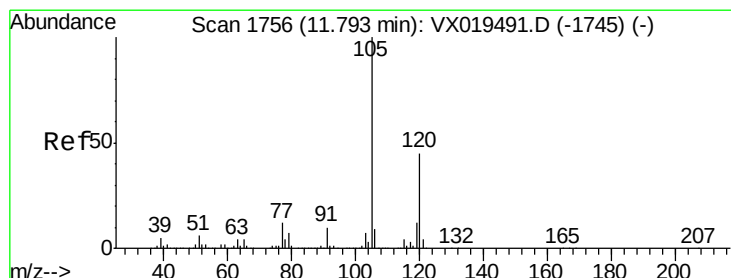
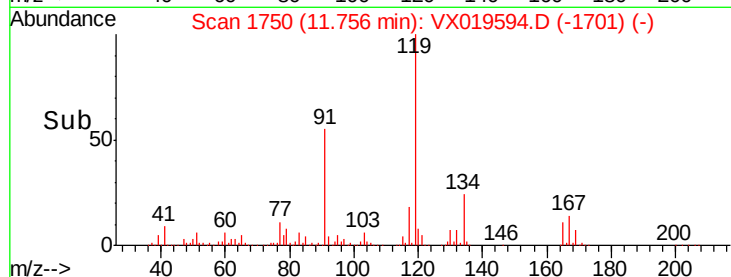
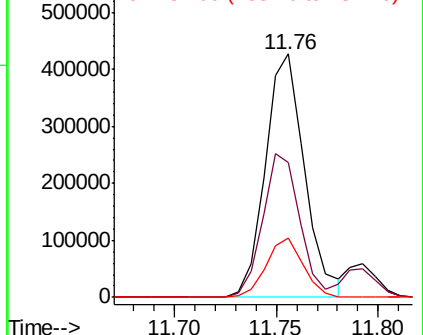
#83
 tert-Butylbenzene
 Concen: 50.112 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 571141
 Ion Ratio Lower Upper
 119 100
 91 55.8 28.9 86.8
 134 23.1 11.7 35.0

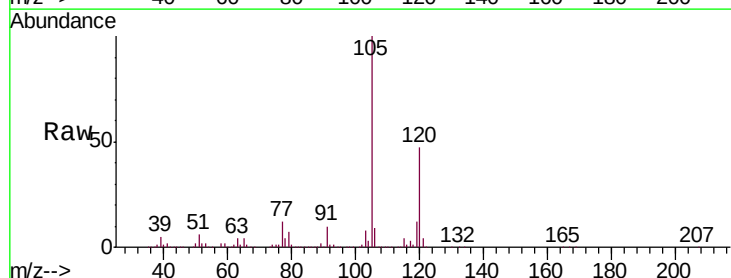


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

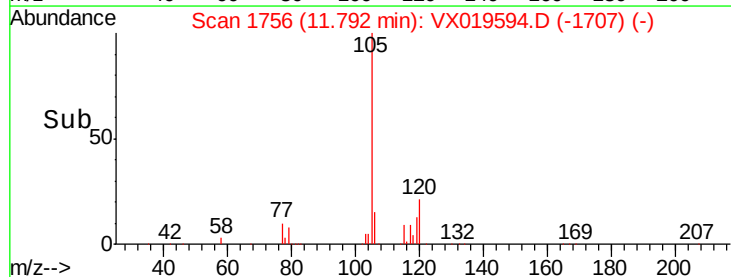
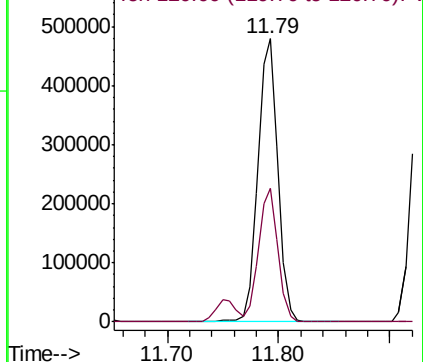


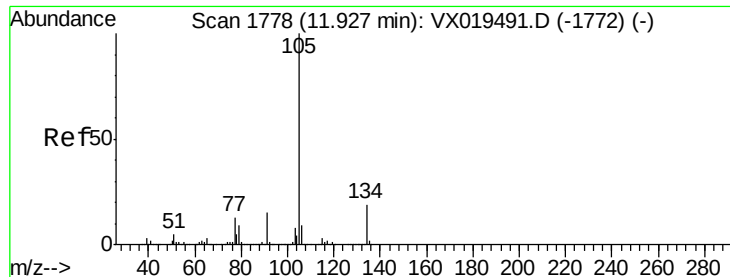
#84
 1,2,4-Trimethylbenzene
 Concen: 50.220 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion:105 Resp: 598607
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 47.392 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

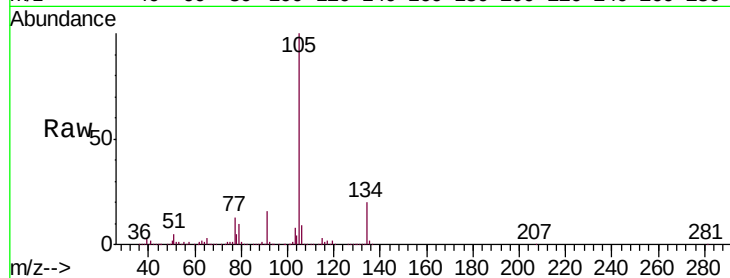
BFB

Tgt Ion:105 Resp: 642580

Ion Ratio Lower Upper

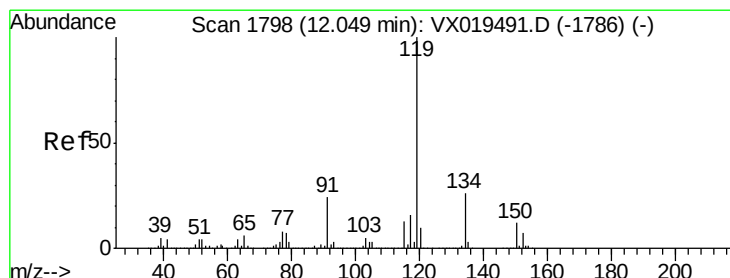
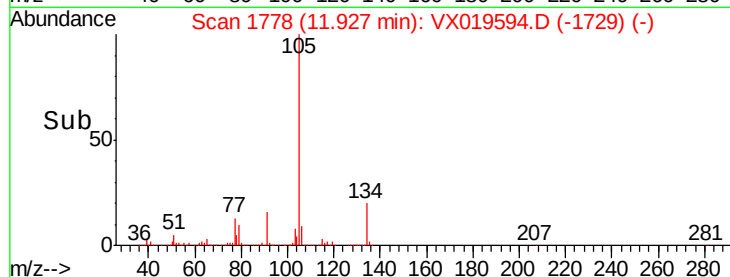
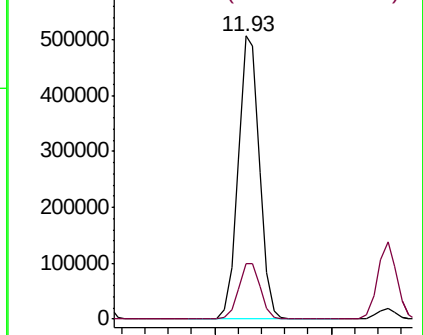
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.562 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

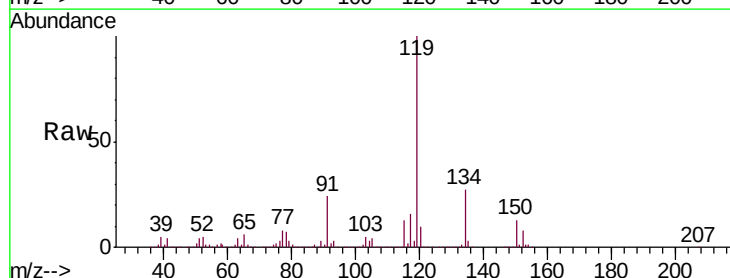
Tgt Ion:119 Resp: 597813

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

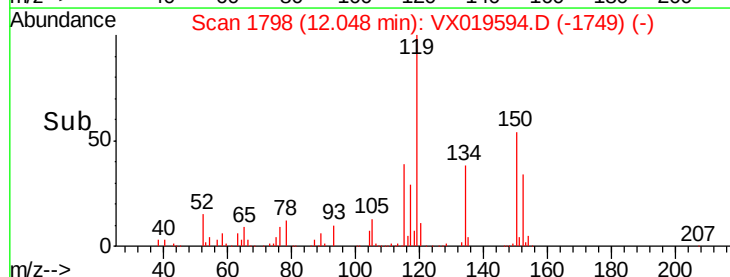
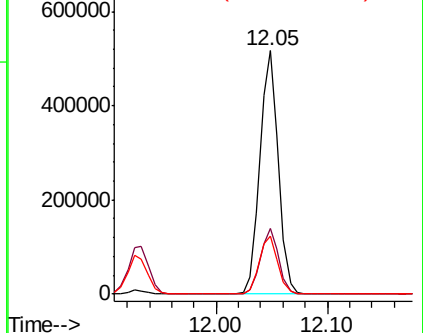
91 23.9 11.8 35.4

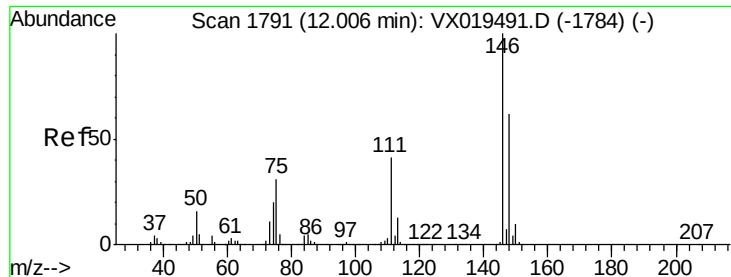


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.123 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

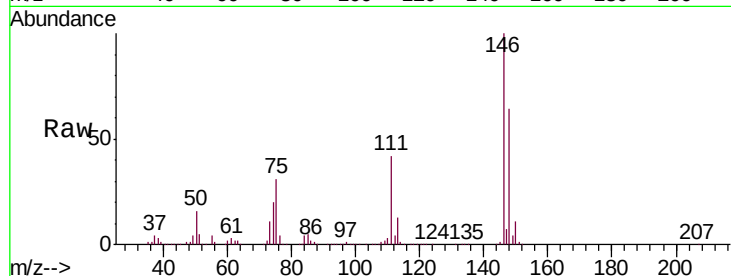
Tgt Ion:146 Resp: 323422

Ion Ratio Lower Upper

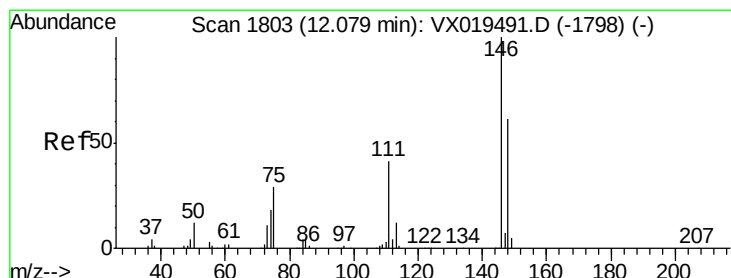
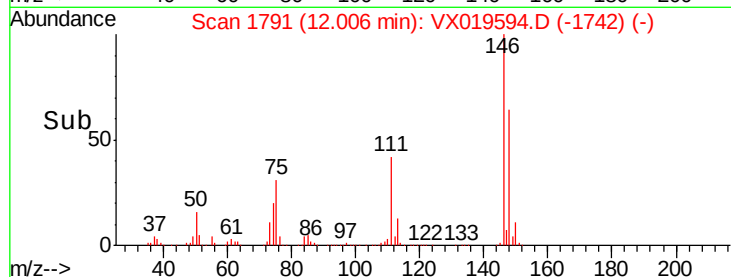
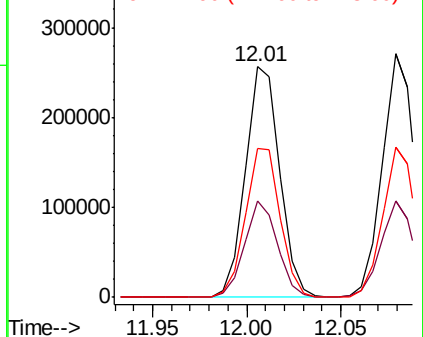
146 100

111 40.2 20.2 60.6

148 65.6 31.4 94.2



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: 48.324 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

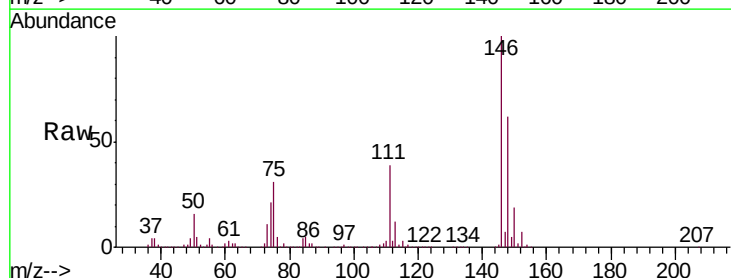
Tgt Ion:146 Resp: 327724

Ion Ratio Lower Upper

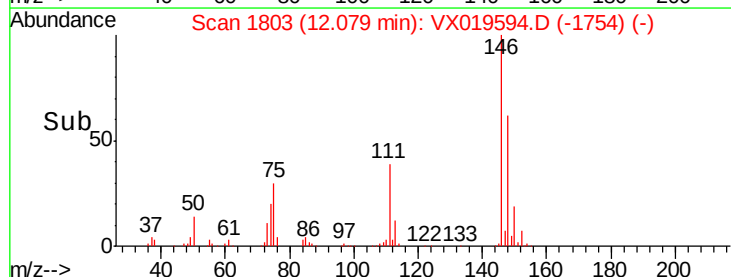
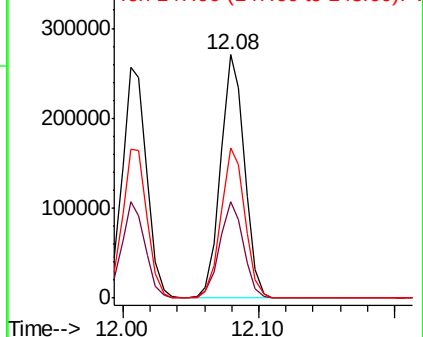
146 100

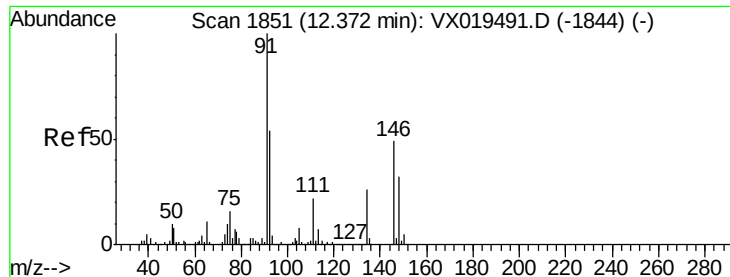
111 39.6 19.9 59.6

148 62.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.954 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

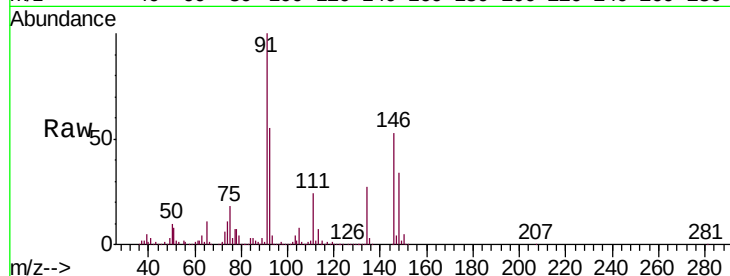
Tgt Ion: 91 Resp: 522560

Ion Ratio Lower Upper

91 100

92 55.1 26.9 80.6

134 26.8 12.9 38.6

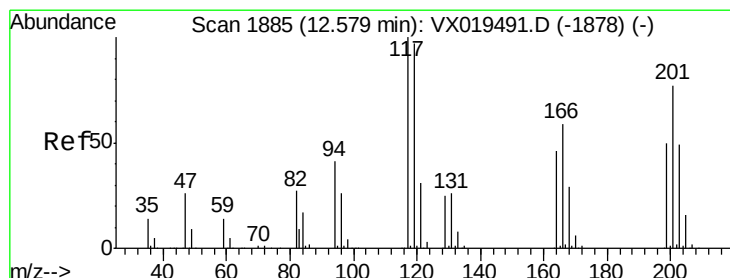
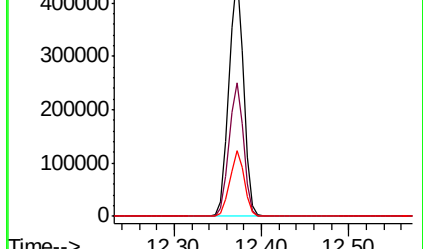
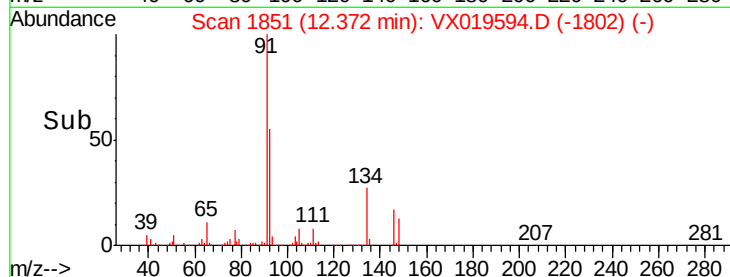


Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX019491.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX019491.D (-1844) (-)

Time-->



#90

Hexachloroethane

Concen: 48.216 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019594.D

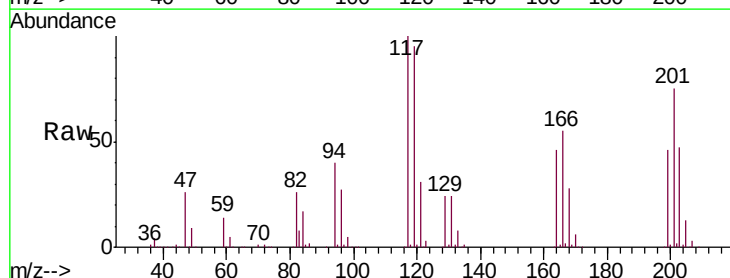
Acq: 24 Nov 2020 09:47

Tgt Ion: 117 Resp: 99323

Ion Ratio Lower Upper

117 100

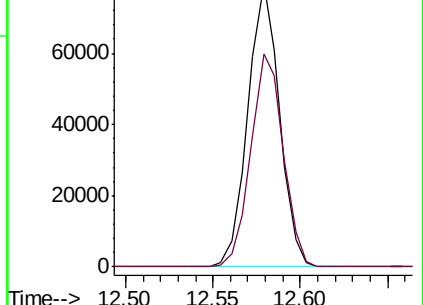
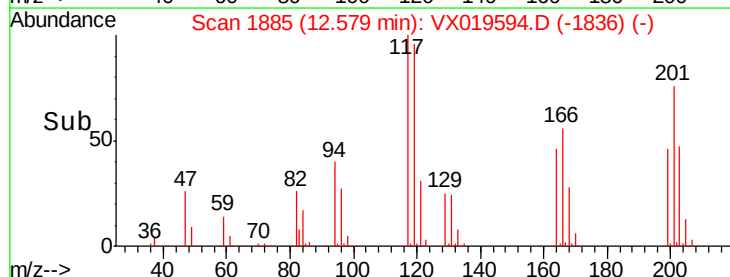
201 77.6 39.4 118.2

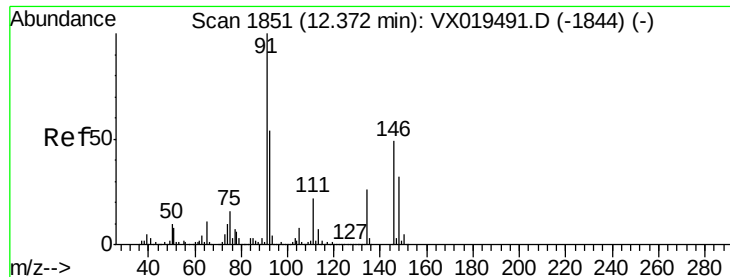


Abundance Ion 116.80 (116.50 to 117.50): VX019491.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019491.D (-1878) (-)

Time-->

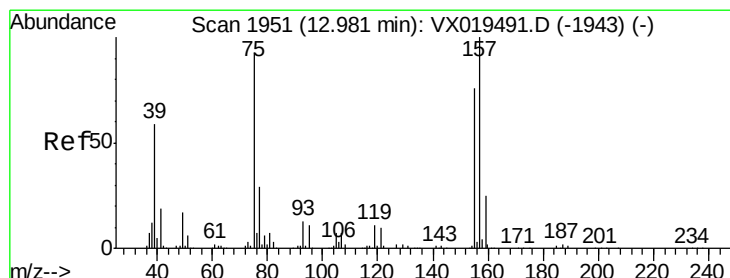
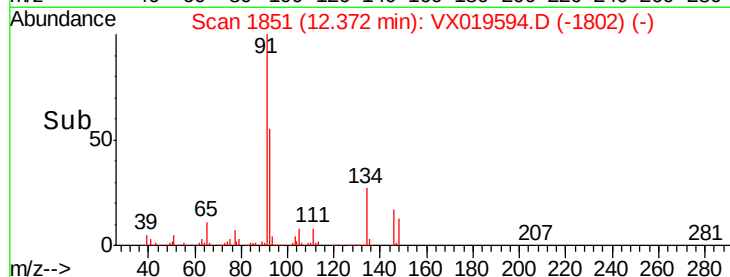
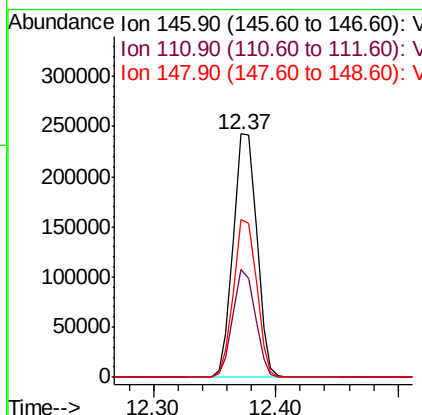
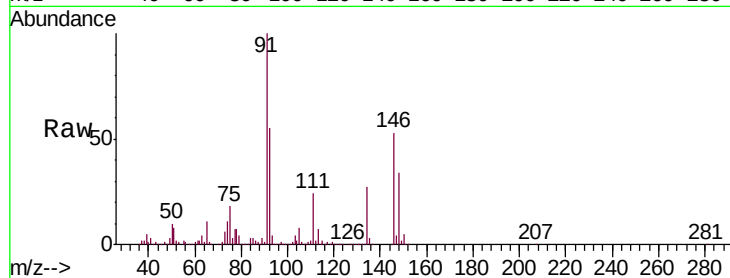




#91
 1,2-Dichlorobenzene
 Concen: 48.986 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

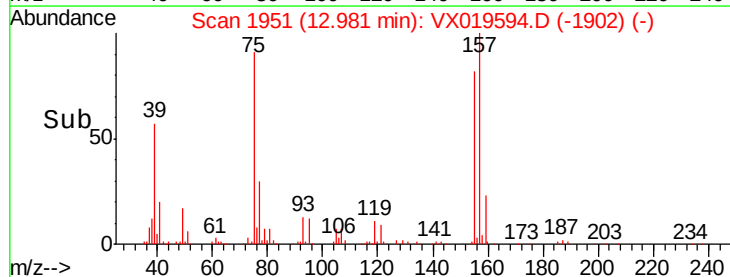
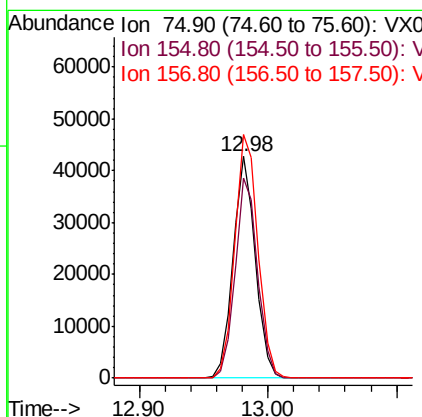
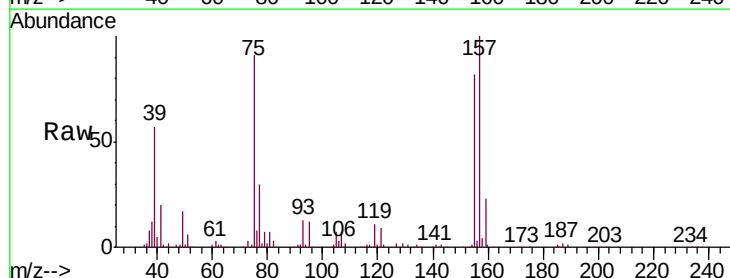
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

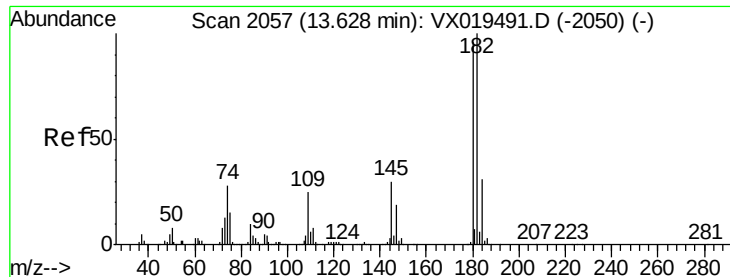
Tgt Ion: 146 Resp: 323926
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.528 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion: 75 Resp: 51768
 Ion Ratio Lower Upper
 75 100
 155 90.5 43.6 130.9
 157 113.9 57.0 170.8

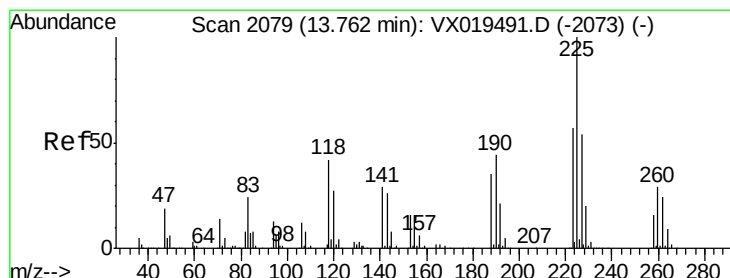
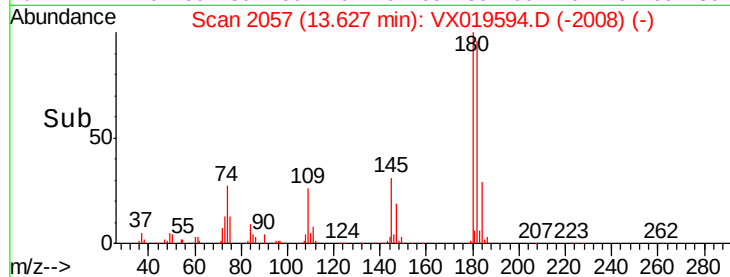
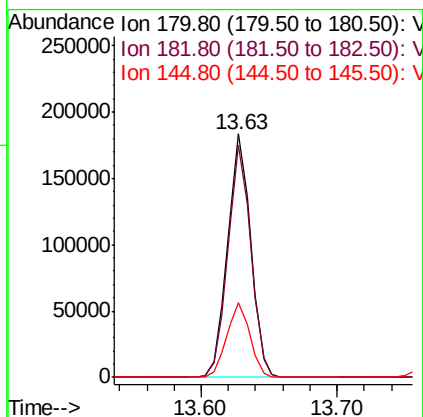
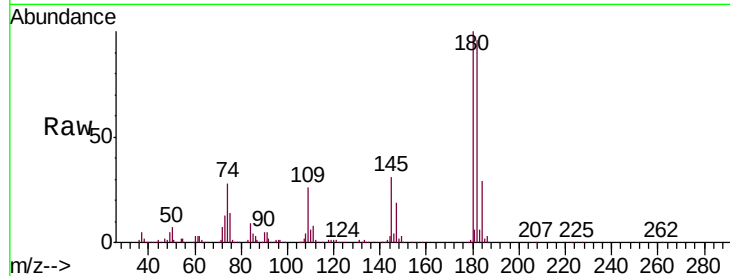




#93
 1,2,4-Trichlorobenzene
 Concen: 50.953 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

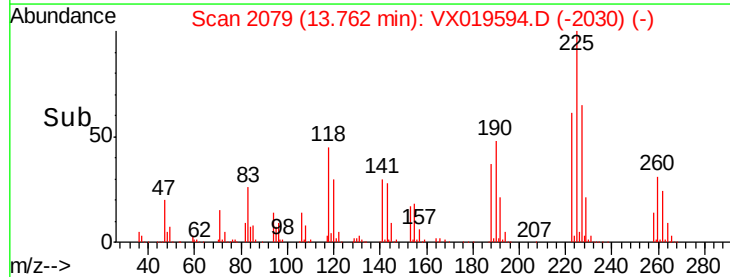
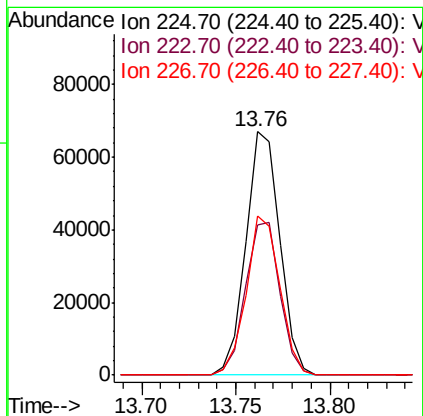
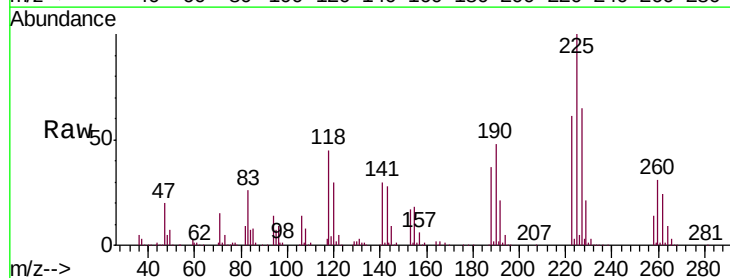
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

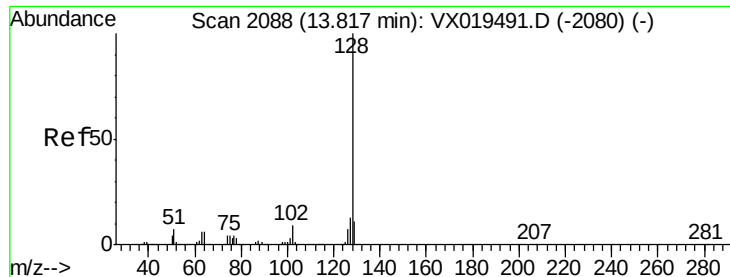
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.6	145.9
145	30.8	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 43.339 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019594.D
 Acq: 24 Nov 2020 09:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.5
227	64.5	32.8	98.3





#95

Naphthalene

Concen: 48.270 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

BFB

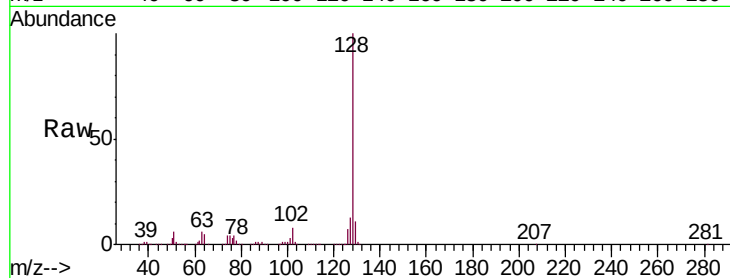
Tgt Ion:128 Resp: 721598

Ion Ratio Lower Upper

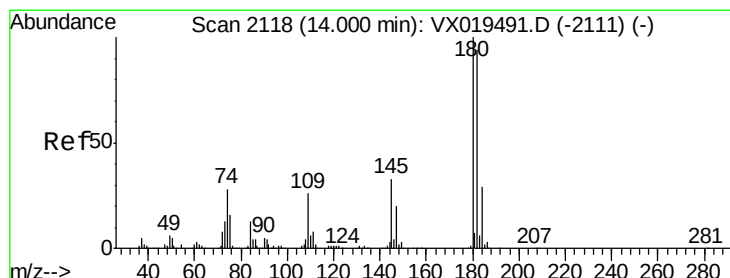
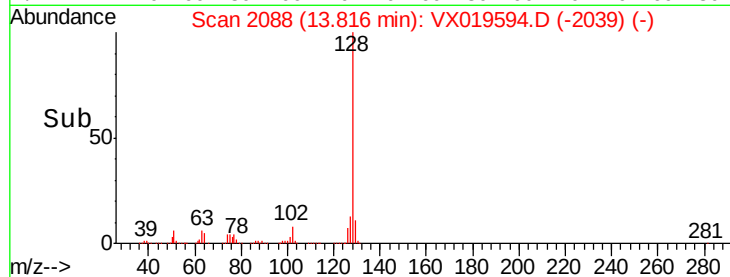
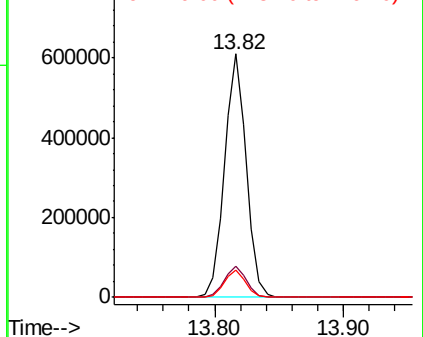
128 100

127 12.8 10.3 15.5

129 11.1 8.7 13.1



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: 50.622 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019594.D

Acq: 24 Nov 2020 09:47

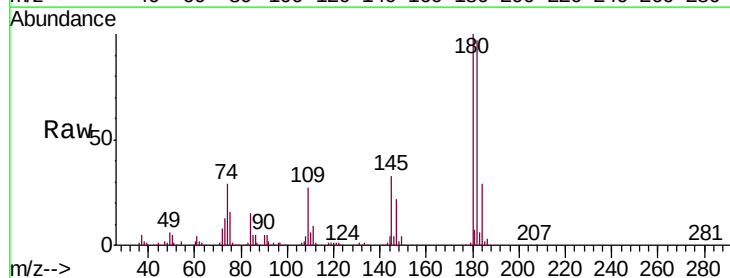
Tgt Ion:180 Resp: 214970

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.3

145 32.7 16.6 49.8



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

