

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016872.D
 Acq On : 19 Jun 2020 12:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

Quant Time: Jun 22 01:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	246675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133128	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	5.46	113	109866	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	
50) Toluene-d8	8.70	98	426730	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.12	95	168788	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	191855	63.376	ug/l	98
3) Chloromethane	1.31	50	178528	58.161	ug/l	99
4) Vinyl Chloride	1.39	62	188264	54.418	ug/l	99
5) Bromomethane	1.62	94	110565	53.078	ug/l	96
6) Chloroethane	1.71	64	110738	51.972	ug/l	100
7) Trichlorofluoromethane	1.92	101	260239	53.771	ug/l	98
8) Diethyl Ether	2.17	74	97970	52.065	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146736	56.921	ug/l	97
10) Methyl Iodide	2.49	142	153863	62.695	ug/l	99
11) Tert butyl alcohol	3.01	59	126879	252.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143904	54.591	ug/l	97
13) Acrolein	2.27	56	92931	305.622	ug/l	99
14) Allyl chloride	2.70	41	205437	58.918	ug/l	98
15) Acrylonitrile	3.11	53	292934	254.882	ug/l	99
16) Acetone	2.42	43	310576	288.381	ug/l	100
17) Carbon Disulfide	2.55	76	379088	55.646	ug/l	99
18) Methyl Acetate	2.75	43	156954	57.312	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	393489	52.379	ug/l	99
20) Methylene Chloride	2.83	84	128555	49.776	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	125502	50.436	ug/l	97
22) Diisopropyl ether	3.82	45	348692	52.195	ug/l	96
23) Vinyl Acetate	3.78	43	1444176	262.161	ug/l	100
24) 1,1-Dichloroethane	3.67	63	212560	50.937	ug/l	99
25) 2-Butanone	4.63	43	383410	258.679	ug/l	98
26) 2,2-Dichloropropane	4.55	77	205711	52.617	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	140464	50.224	ug/l	99
28) Bromochloromethane	4.98	49	91330	52.731	ug/l	97
29) Tetrahydrofuran	5.08	42	239458	256.524	ug/l	100
30) Chloroform	5.17	83	224748	51.014	ug/l	98
31) Cyclohexane	5.54	56	189619	51.685	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	212597	50.986	ug/l	100
36) 1,1-Dichloropropene	5.76	75	171640	43.910	ug/l	98
37) Ethyl Acetate	4.79	43	149353	43.244	ug/l	100
38) Carbon Tetrachloride	5.75	117	192547	43.901	ug/l	98

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Quant Time: Jun 22 01:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234957	51.695	ug/l	97
40) Benzene	6.11	78	498152	42.472	ug/l	100
41) Methacrylonitrile	4.99	41	88425	47.160	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174314	41.765	ug/l	100
43) Isopropyl Acetate	6.41	43	327266	54.262	ug/l	99
44) Trichloroethene	7.18	130	178082	49.577	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129365	43.875	ug/l	97
46) Dibromomethane	7.63	93	85651	42.835	ug/l	99
47) Bromodichloromethane	7.87	83	183054	43.044	ug/l	100
48) Methyl methacrylate	7.74	41	122311	43.067	ug/l	98
49) 1,4-Dioxane	7.71	88	60015	944.015	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	750264	206.825	ug/l	100
52) Toluene	8.76	92	365270	46.945	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209703	44.854	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	220678	44.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	128049	43.588	ug/l	98
56) Ethyl methacrylate	9.16	69	192853	45.347	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213119	42.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	466396	235.688	ug/l	100
59) 2-Hexanone	9.47	43	573734	218.404	ug/l	99
60) Dibromochloromethane	9.57	129	153989	43.695	ug/l	100
61) 1,2-Dibromoethane	9.65	107	139065	43.620	ug/l	100
64) Tetrachloroethene	9.32	164	175674	55.740	ug/l	97
65) Chlorobenzene	10.12	112	363107	52.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142751	53.443	ug/l	99
67) Ethyl Benzene	10.24	91	631429	54.300	ug/l	99
68) m/p-Xylenes	10.34	106	489427	108.160	ug/l	100
69) o-Xylene	10.68	106	233538	55.816	ug/l	98
70) Styrene	10.70	104	416678	58.611	ug/l	99
71) Bromoform	10.84	173	123475	54.982	ug/l #	99
73) Isopropylbenzene	11.00	105	643276	44.674	ug/l	100
74) N-amyl acetate	10.88	43	231342	46.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165802	40.778	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	225729	55.265	ug/l	85
77) Bromobenzene	11.24	156	168562	42.923	ug/l	99
78) n-propylbenzene	11.34	91	718619	44.718	ug/l	99
79) 2-Chlorotoluene	11.40	91	437495	44.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	562778	45.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68177	40.875	ug/l	100
82) 4-Chlorotoluene	11.49	91	527299	44.702	ug/l	100
83) tert-Butylbenzene	11.76	119	620386	50.469	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	685710	53.580	ug/l	98
85) sec-Butylbenzene	11.93	105	765397	53.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	750444	57.371	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372760	51.955	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	375729	51.782	ug/l	100
89) n-Butylbenzene	12.37	91	617321	55.035	ug/l	100
90) Hexachloroethane	12.58	117	123688	52.493	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	341225	49.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47620	49.394	ug/l	99

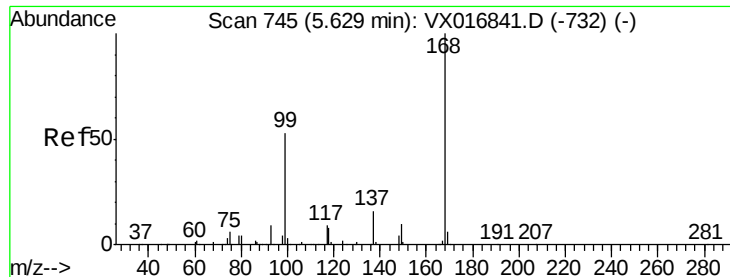
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229066	49.251	ug/l	98
94) Hexachlorobutadiene	13.76	225	99374	47.349	ug/l	99
95) Naphthalene	13.82	128	633507	46.395	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	211438	45.586	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

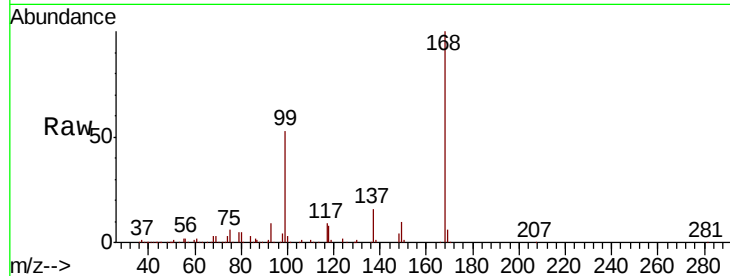
BFB13

Tot Ion:168 Resp: 246675

Ion Ratio Lower Upper

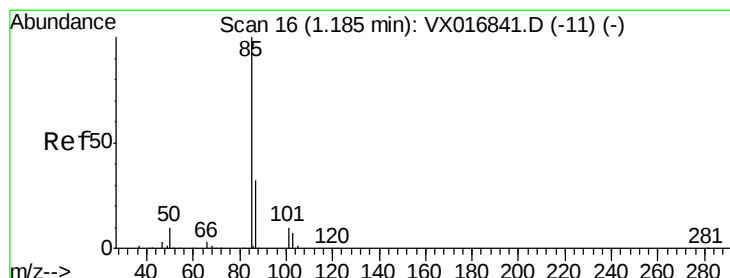
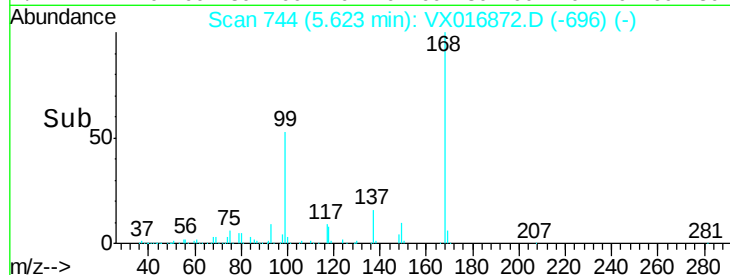
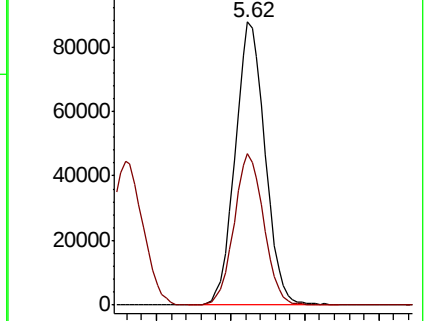
168 100

99 53.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 63.376 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016872.D

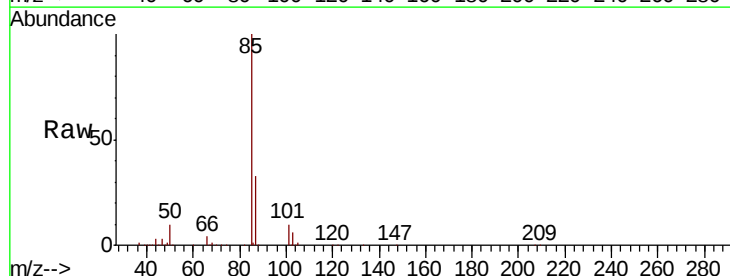
Acq: 19 Jun 2020 12:12

Tgt Ion: 85 Resp: 191855

Ion Ratio Lower Upper

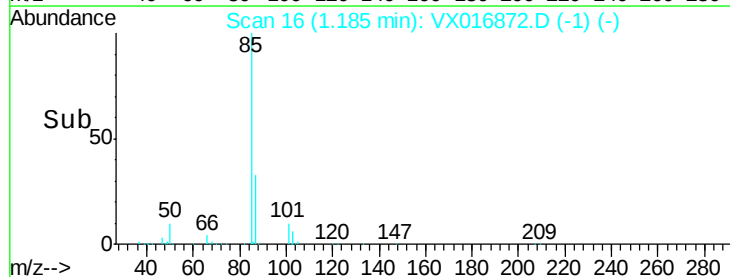
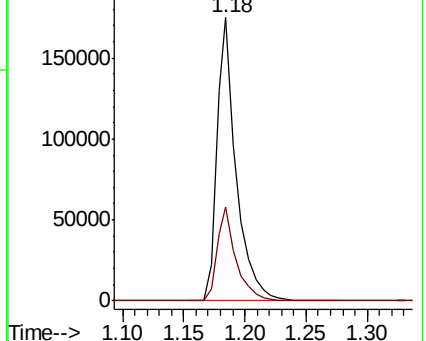
85 100

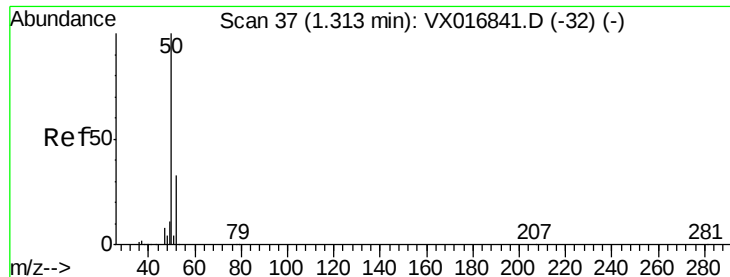
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 58.161 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

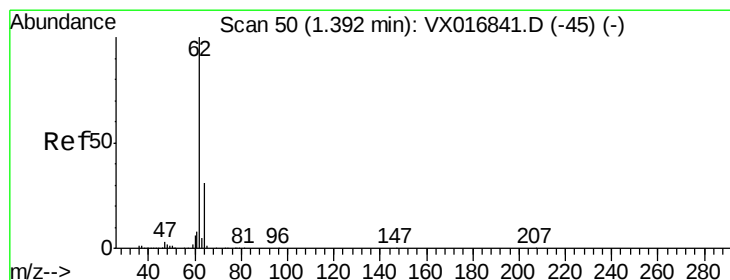
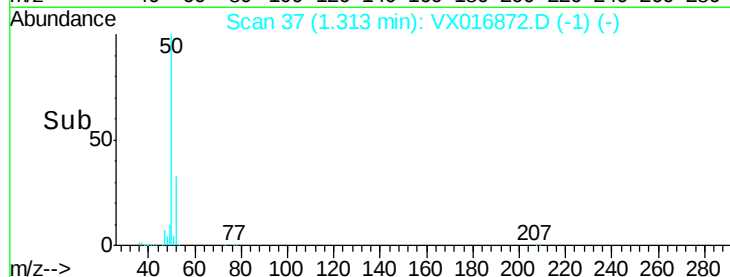
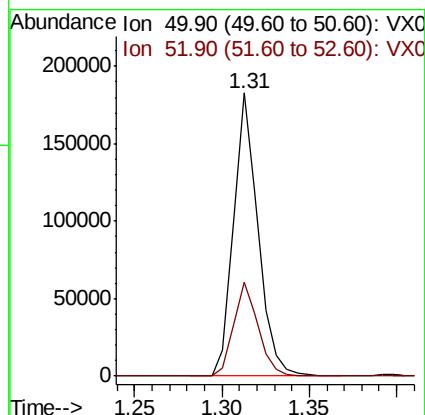
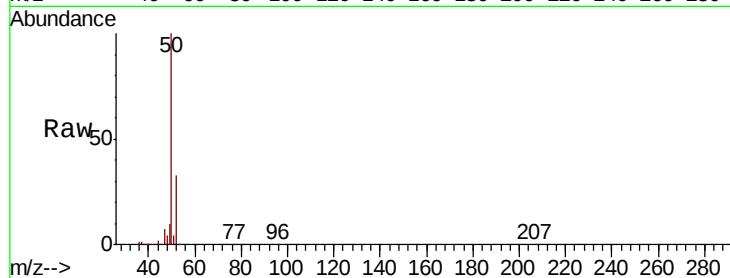
BFB13

Tot Ion: 50 Resp: 178528

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 54.418 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016872.D

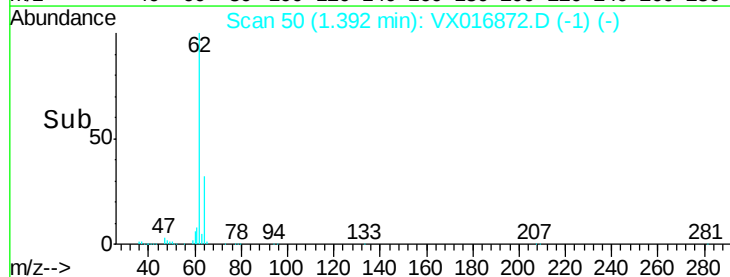
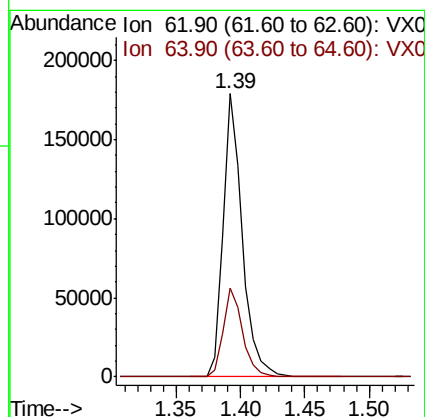
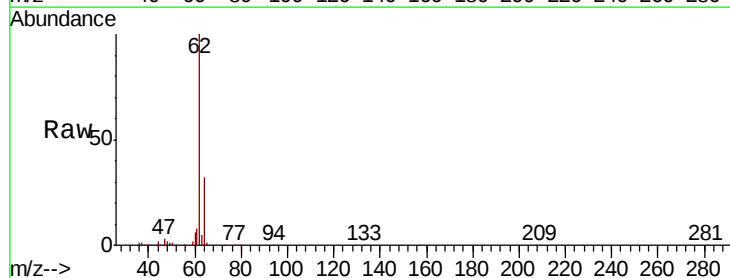
Acq: 19 Jun 2020 12:12

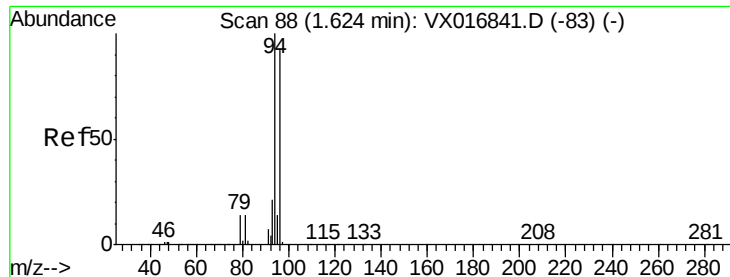
Tgt Ion: 62 Resp: 188264

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 53.078 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

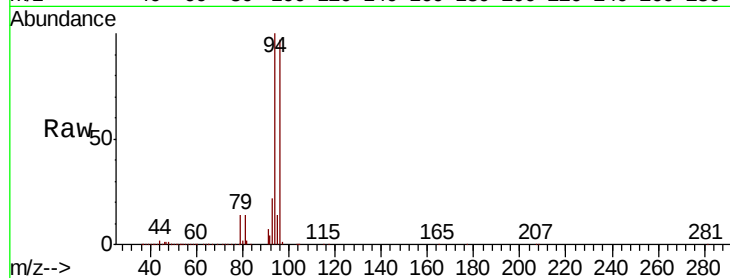
BFB13

Tot Ion: 94 Resp: 110565

Ion Ratio Lower Upper

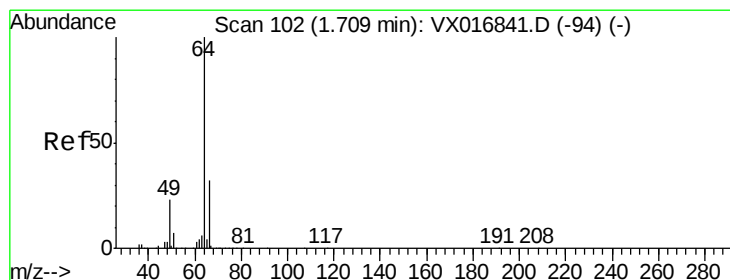
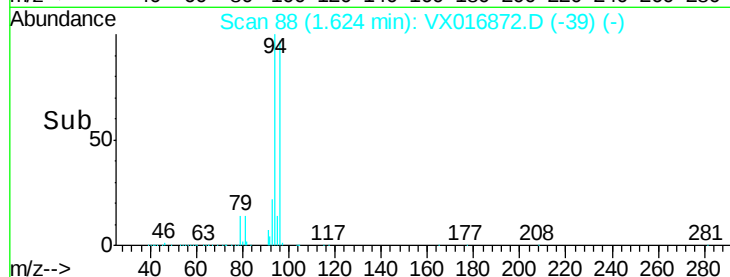
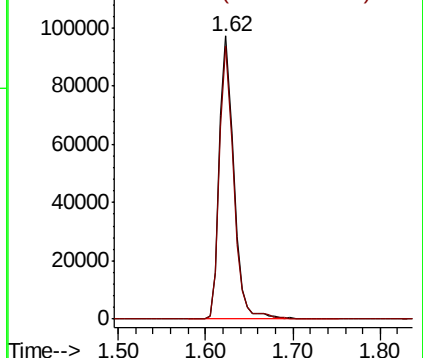
94 100

96 96.5 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.972 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016872.D

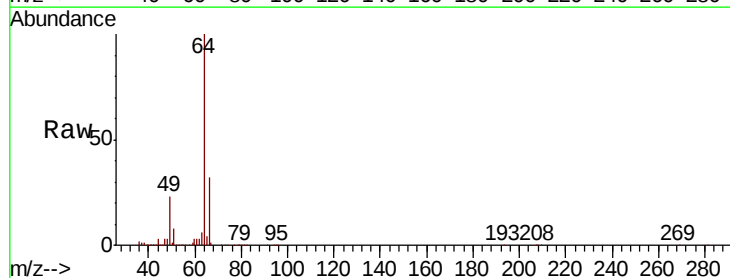
Acq: 19 Jun 2020 12:12

Tgt Ion: 64 Resp: 110738

Ion Ratio Lower Upper

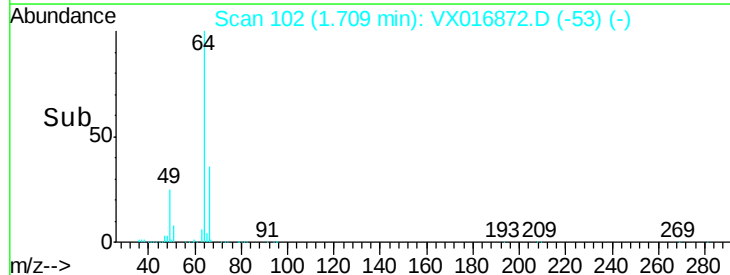
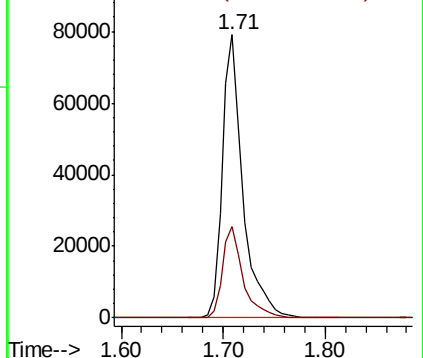
64 100

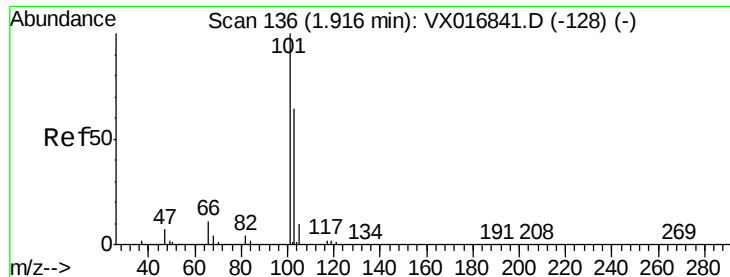
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



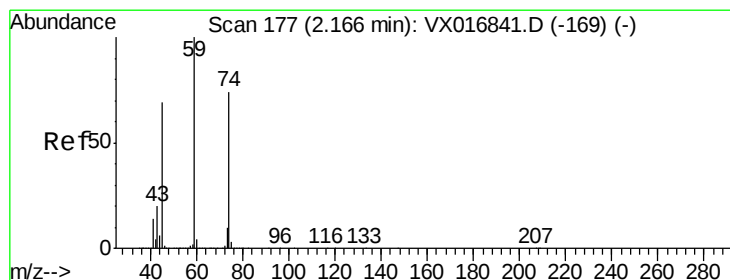
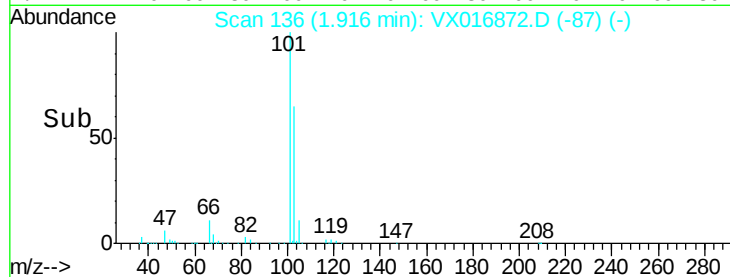
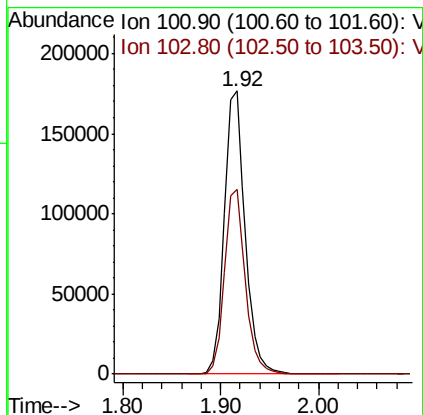
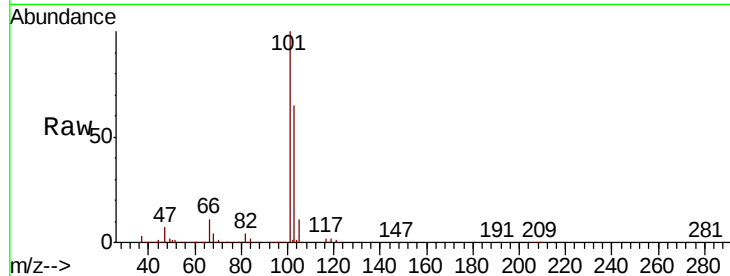


#7

Trichlorofluoromethane
Concen: 53.771 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

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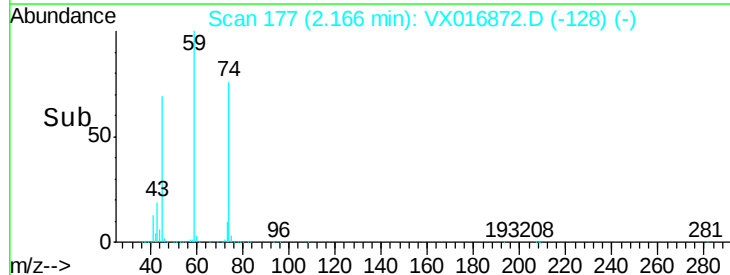
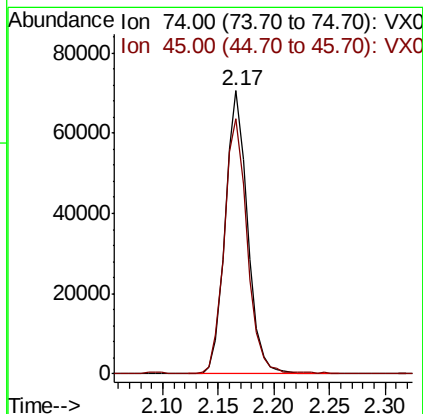
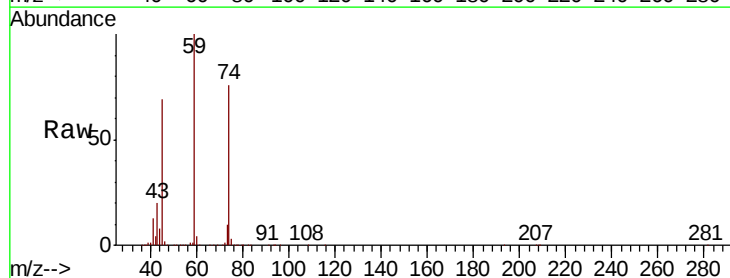
Tot Ion:101 Resp: 260239
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

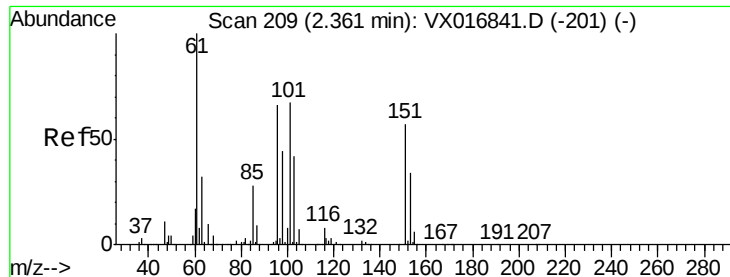


#8

Diethyl Ether
Concen: 52.065 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 74 Resp: 97970
Ion Ratio Lower Upper
74 100
45 91.8 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.921 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

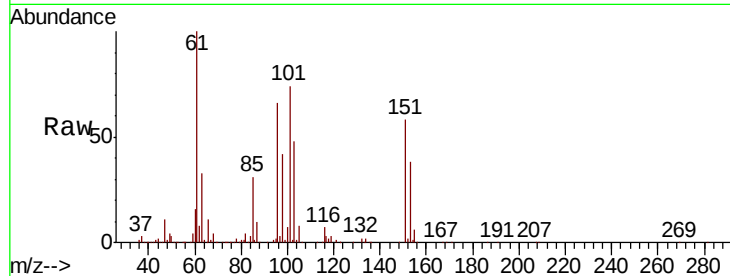
Tot Ion:101 Resp: 146736

Ion Ratio Lower Upper

101 100

85 42.0 34.3 51.5

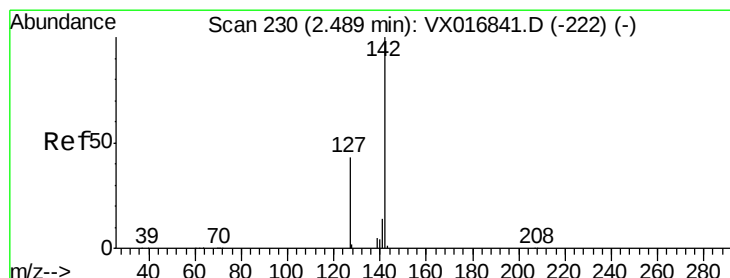
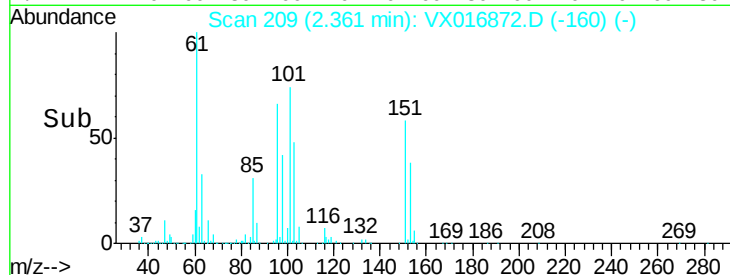
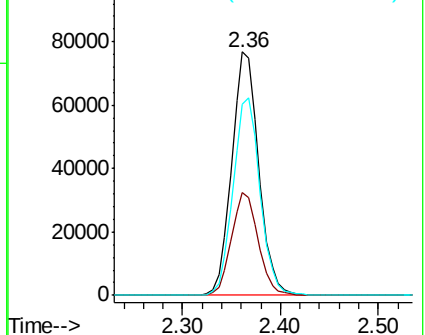
151 81.3 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 62.695 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

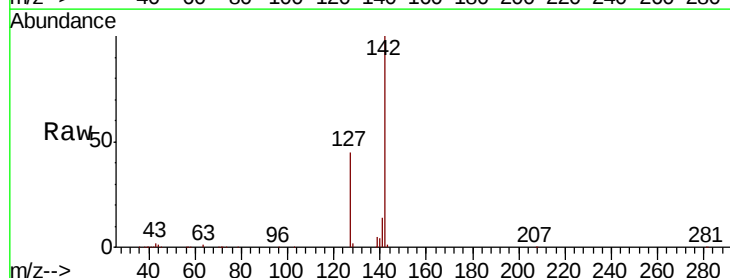
Tgt Ion:142 Resp: 153863

Ion Ratio Lower Upper

142 100

127 43.1 35.1 52.7

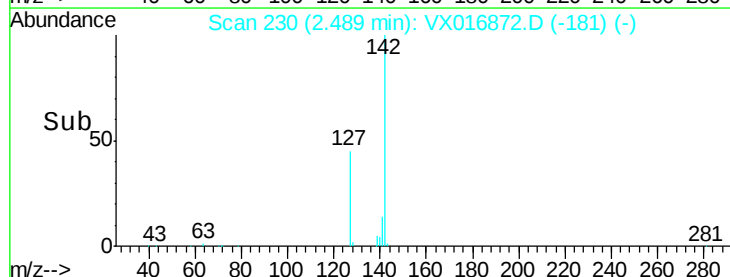
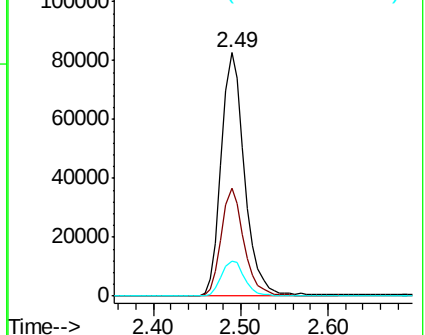
141 14.5 11.6 17.4

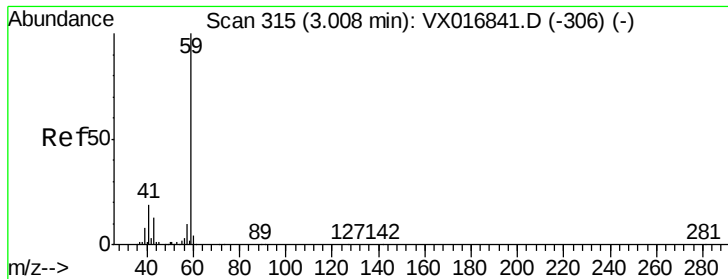


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



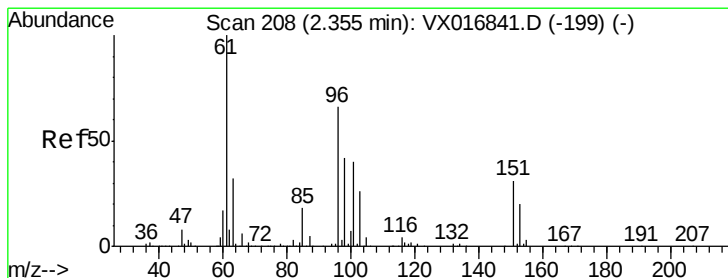
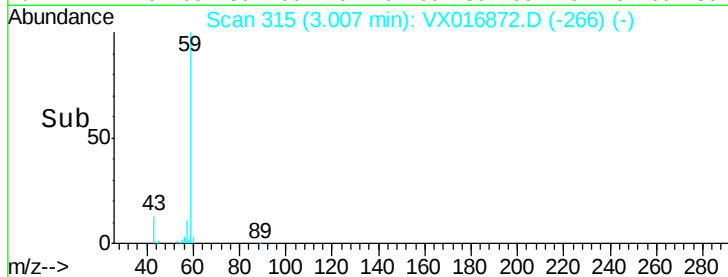
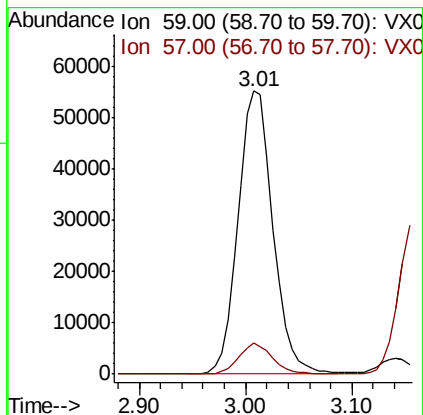
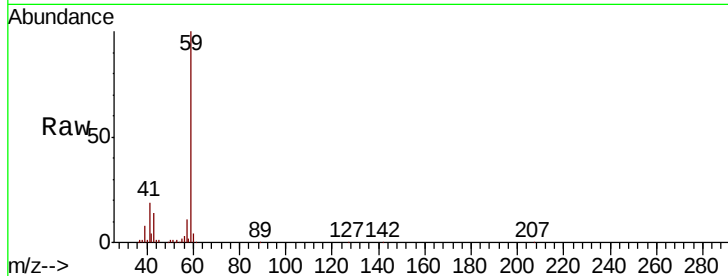


#11

Tert butyl alcohol
 Concen: 252.986 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampled :
 BFB13

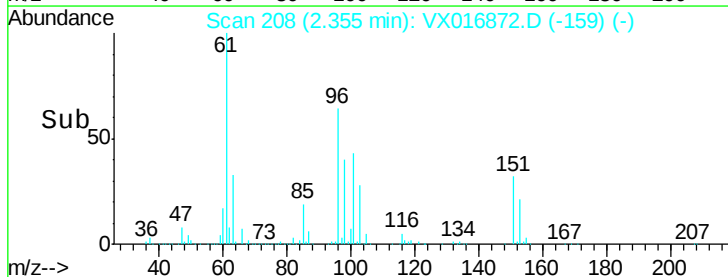
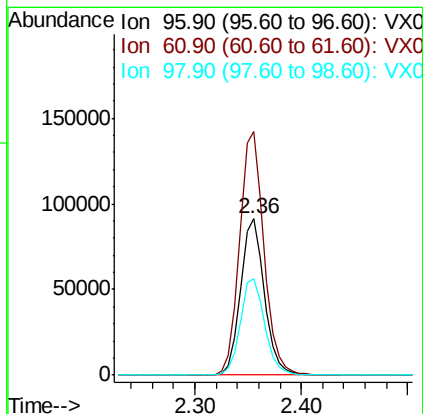
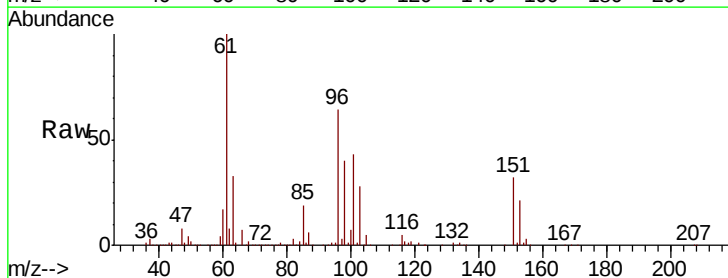
Tot Ion: 59 Resp: 126879
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

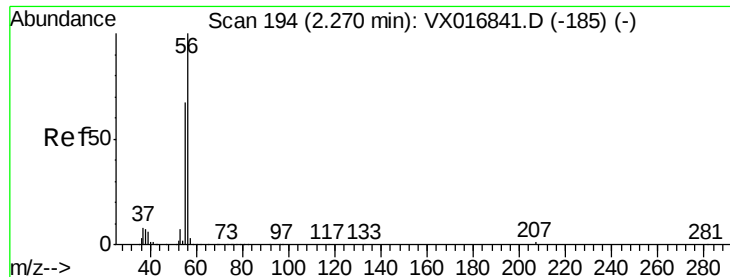


#12

1,1-Dichloroethene
 Concen: 54.591 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion: 96 Resp: 143904
 Ion Ratio Lower Upper
 96 100
 61 155.6 121.7 182.5
 98 61.8 51.1 76.7

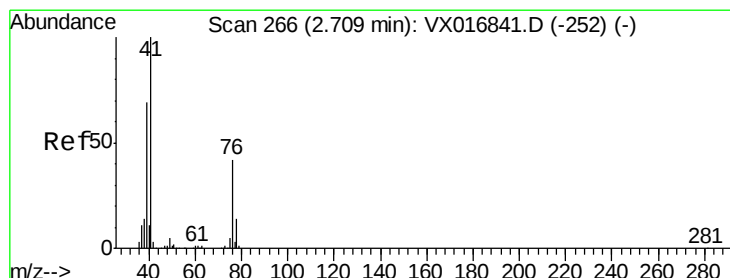
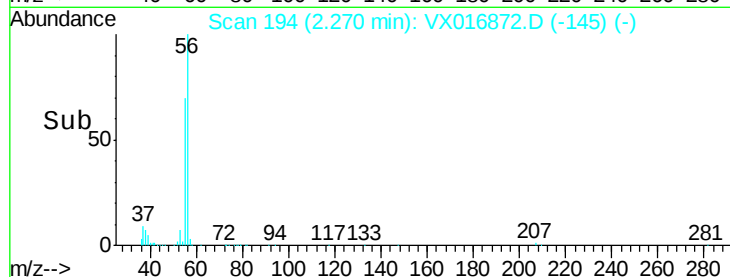
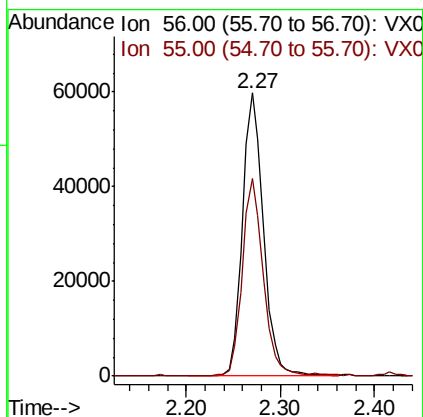
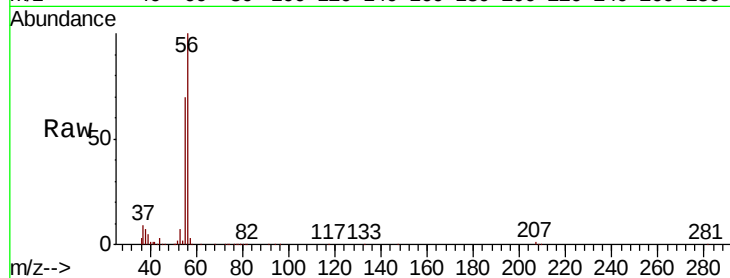




#13
 Acrolein
 Concen: 305.622 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

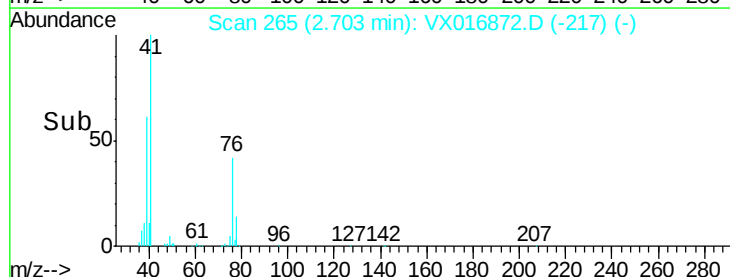
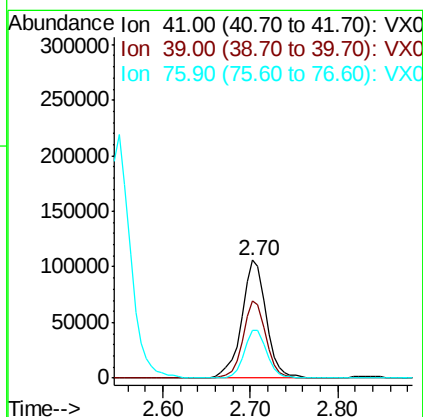
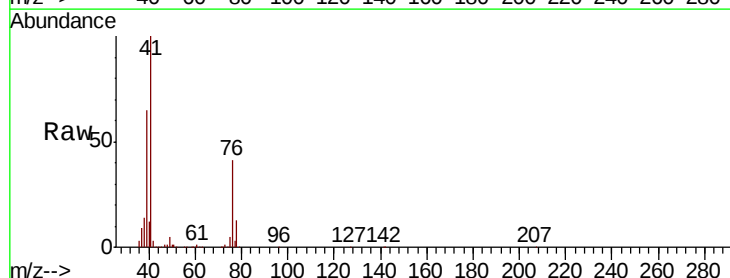
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

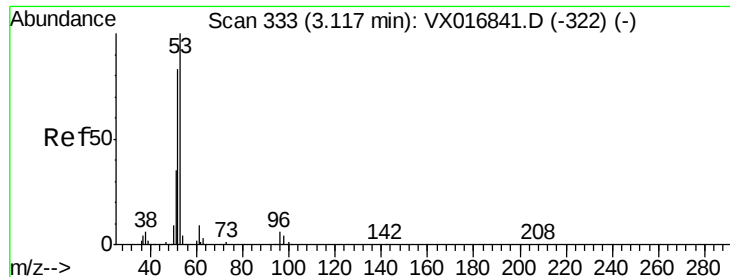
Tot Ion: 56 Resp: 92931
 Ion Ratio Lower Upper
 56 100
 55 68.8 55.7 83.5



#14
 Allyl chloride
 Concen: 58.918 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion: 41 Resp: 205437
 Ion Ratio Lower Upper
 41 100
 39 61.3 50.7 76.1
 76 37.6 30.9 46.3

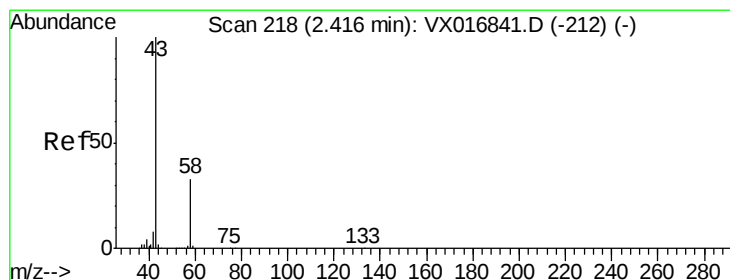
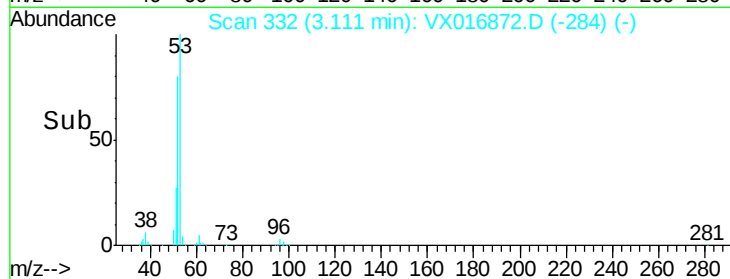
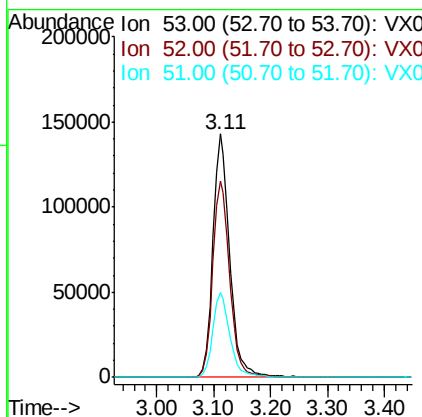
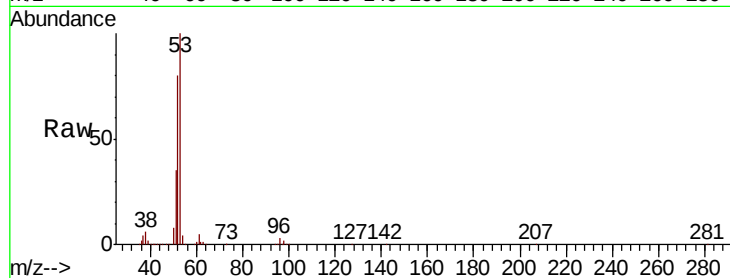




#15
 Acrylonitrile
 Concen: 254.882 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

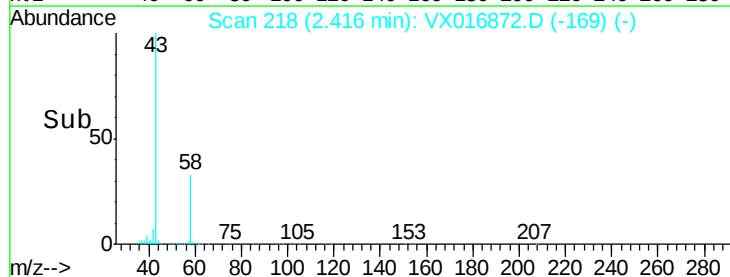
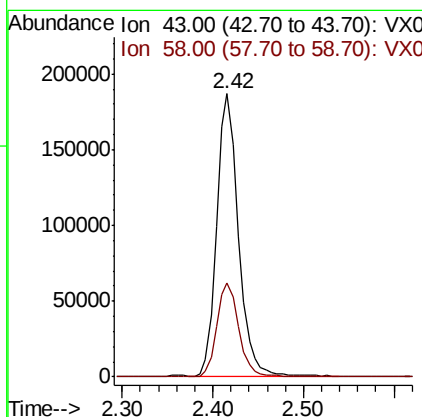
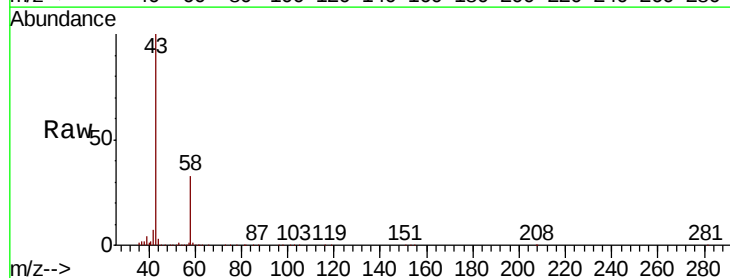
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

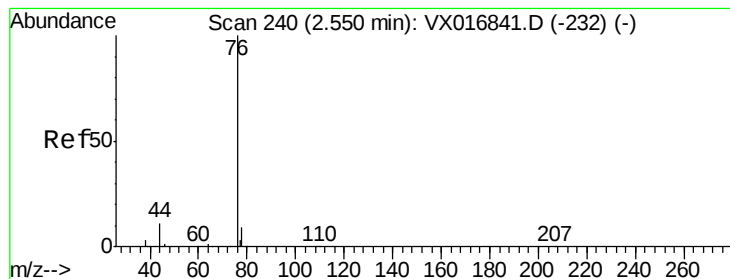
Tot Ion	53	Resp	292934
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.2	99.2
51	35.9	28.7	43.1



#16
 Acetone
 Concen: 288.381 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	43	Resp	310576
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.6	39.8





#17

Carbon Disulfide

Concen: 55.646 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

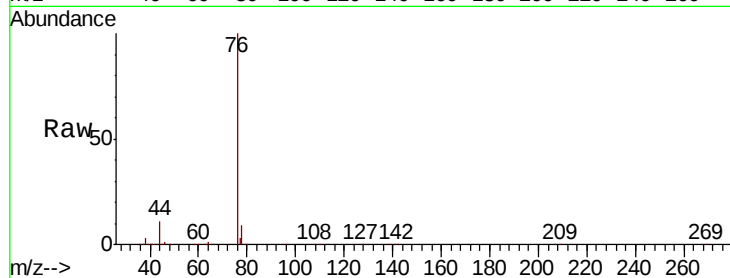
BFB13

Tot Ion: 76 Resp: 379088

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

100000

50000

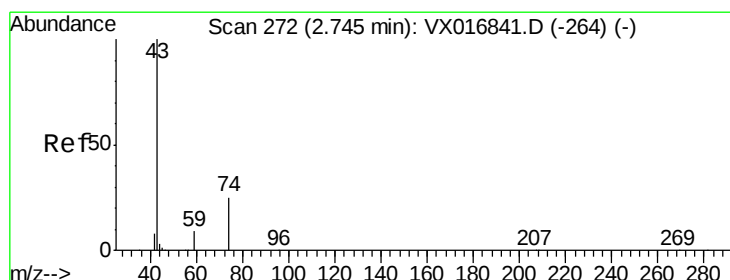
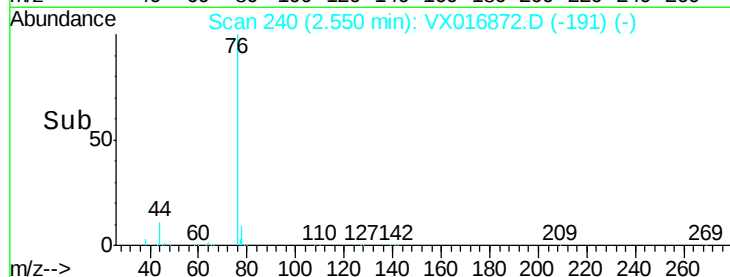
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 57.312 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016872.D

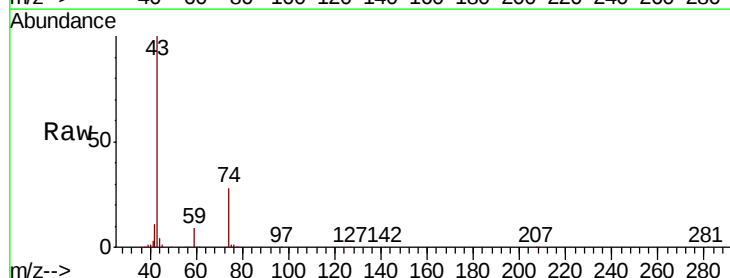
Acq: 19 Jun 2020 12:12

Tgt Ion: 43 Resp: 156954

Ion Ratio Lower Upper

43 100

74 27.0 21.8 32.8



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

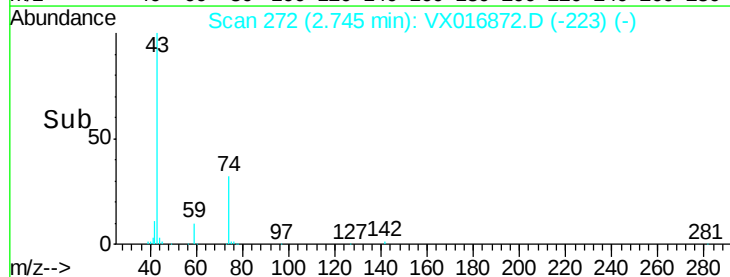
20000

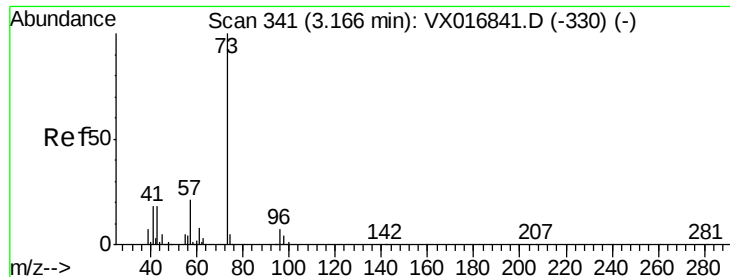
0

Time-->

2.70

2.80

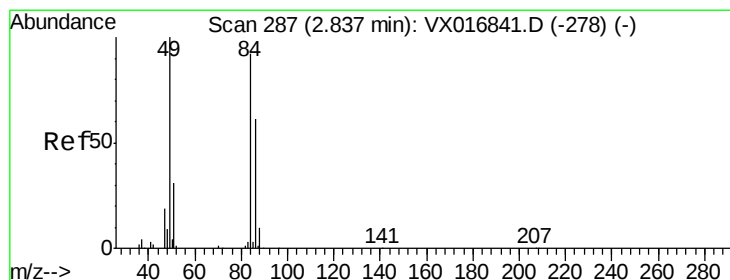
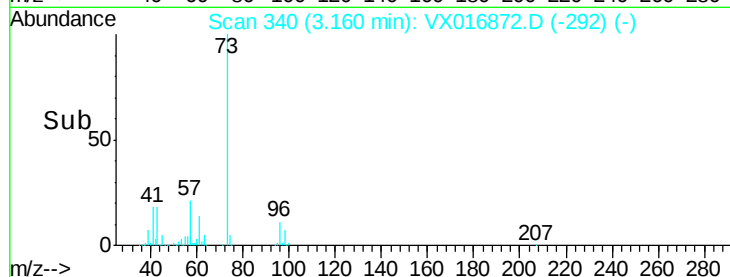
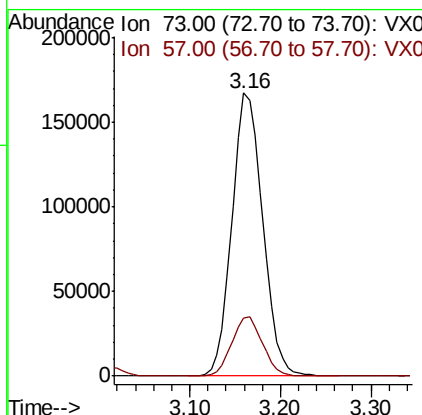
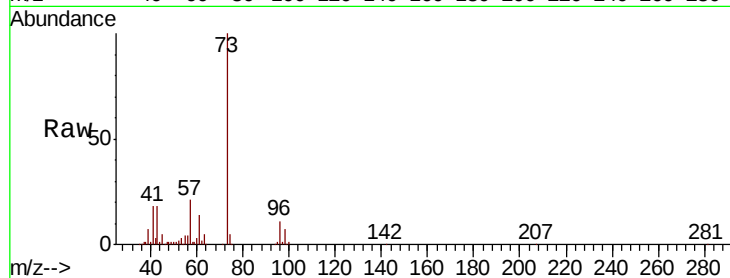




#19
Methyl tert-butyl Ether
Concen: 52.379 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

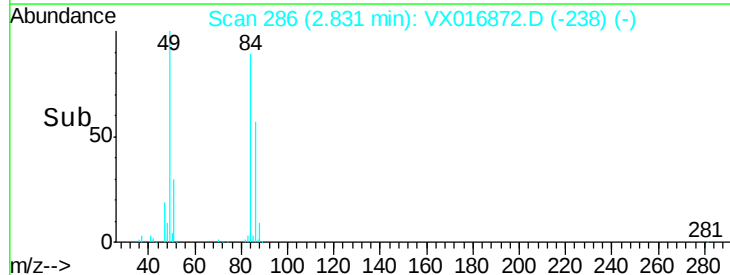
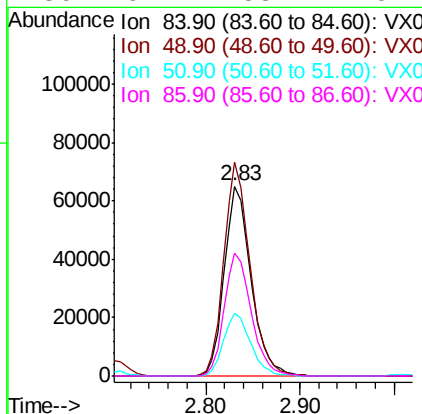
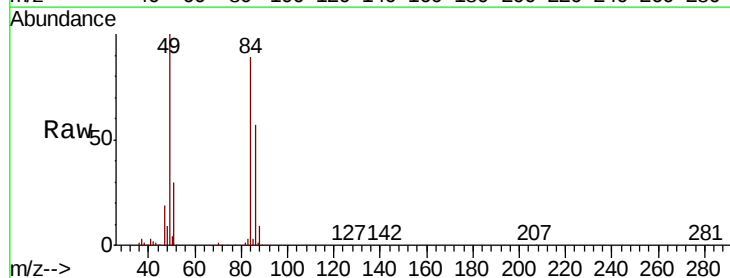
Instrument :
MSVOA_X
ClientSampleId :
BFB13

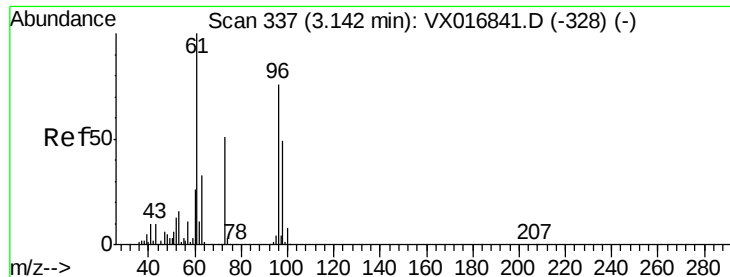
Tot Ion: 73 Resp: 393489
Ion Ratio Lower Upper
73 100
57 20.7 16.9 25.3



#20
Methylene Chloride
Concen: 49.776 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 84 Resp: 128555
Ion Ratio Lower Upper
84 100
49 112.4 86.6 129.8
51 33.2 27.1 40.7
86 64.4 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 50.436 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

BFB13

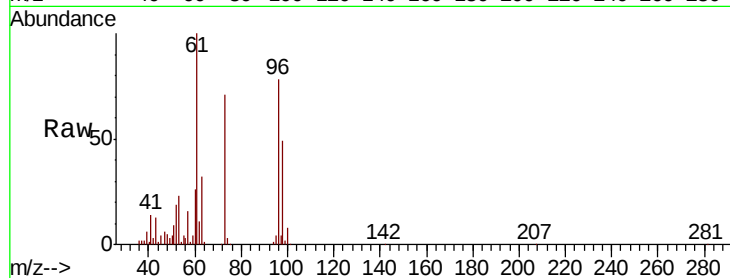
Tot Ion: 96 Resp: 125502

Ion Ratio Lower Upper

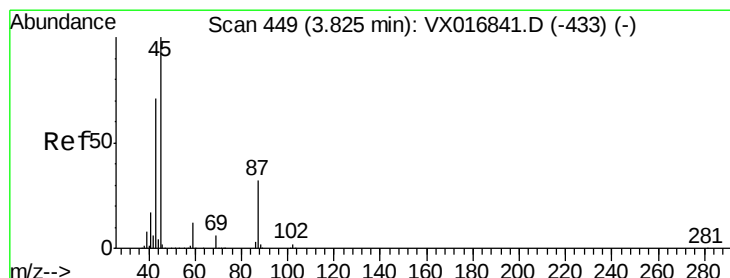
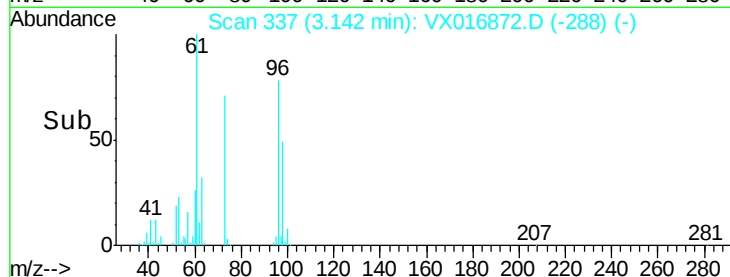
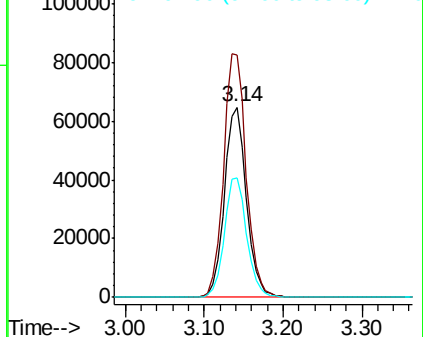
96 100

61 127.9 105.4 158.0

98 63.2 51.3 76.9



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: 52.195 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion: 45 Resp: 348692

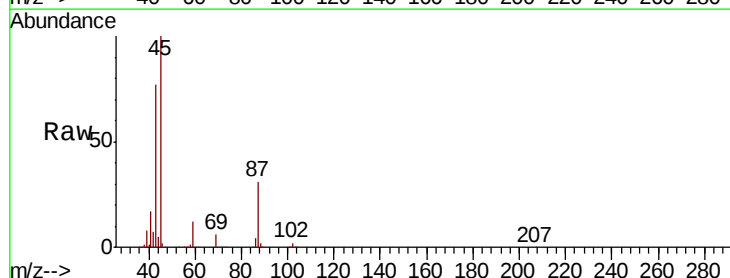
Ion Ratio Lower Upper

45 100

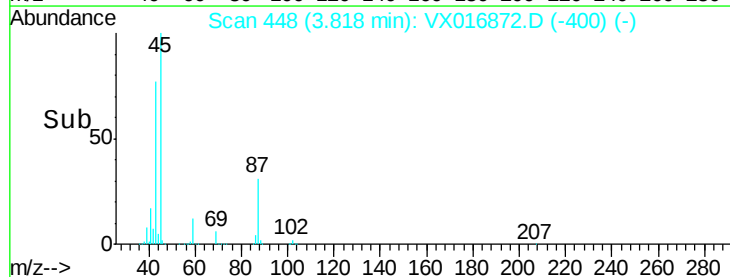
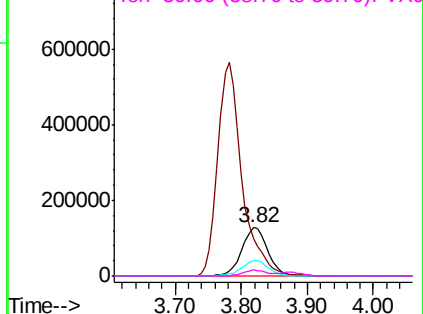
43 77.1 57.0 85.4

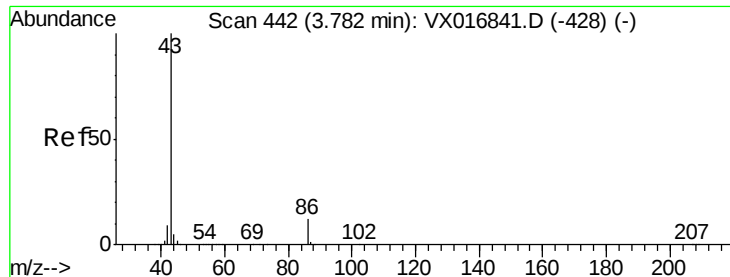
87 31.4 25.2 37.8

59 12.2 9.9 14.9



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: 262.161 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

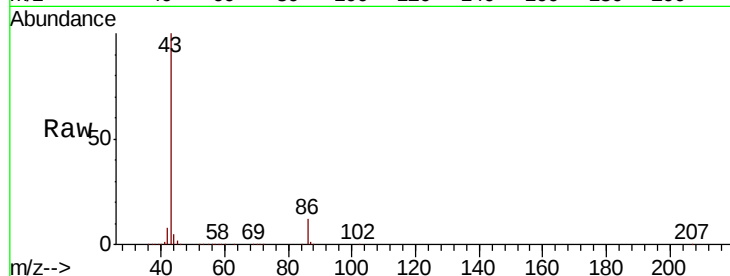
BFB13

Tot Ion: 43 Resp: 1444176

Ion Ratio Lower Upper

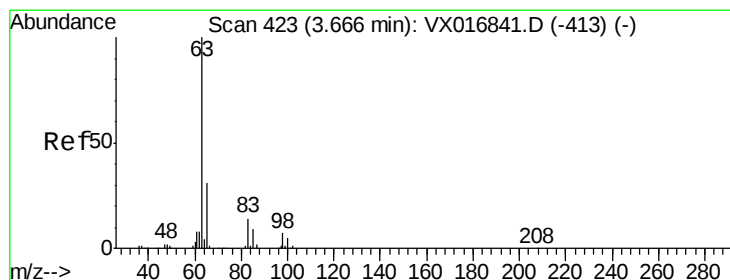
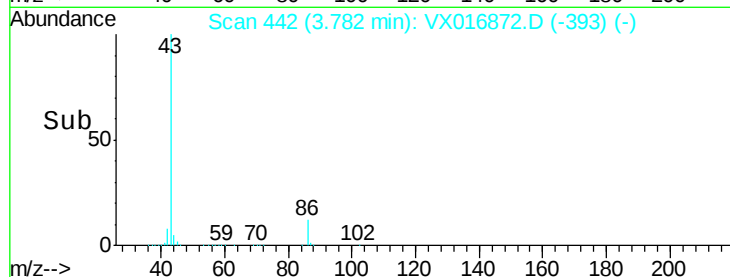
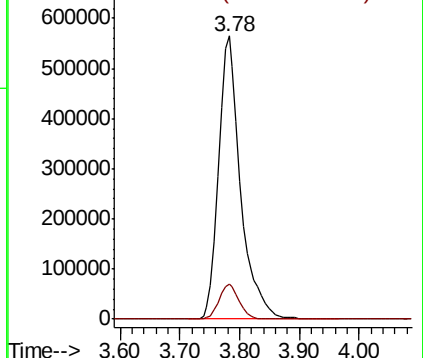
43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.937 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

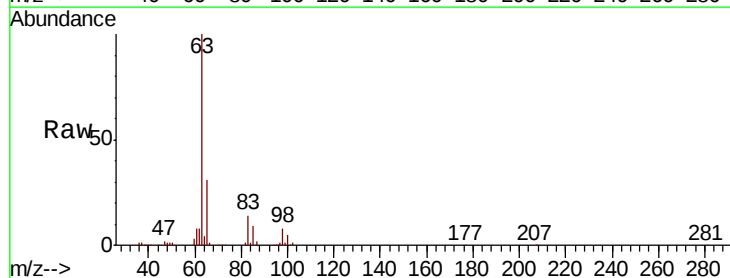
Tgt Ion: 63 Resp: 212560

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

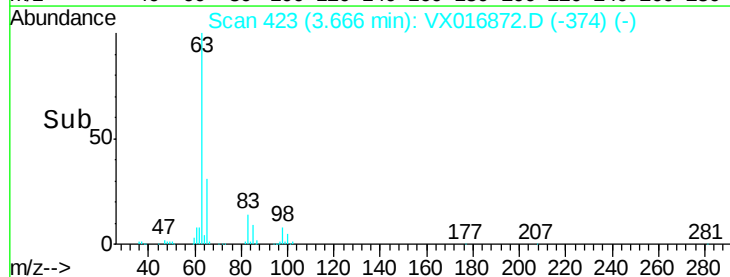
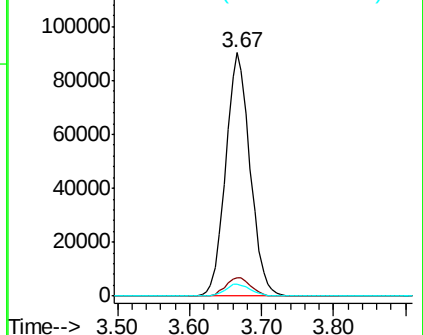
100 5.0 2.4 7.1

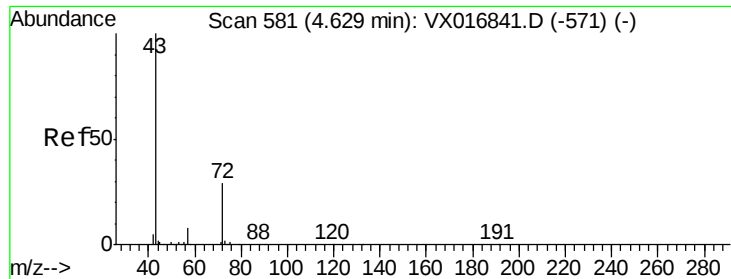


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.679 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

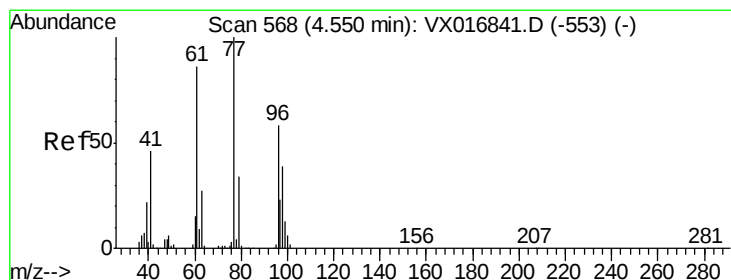
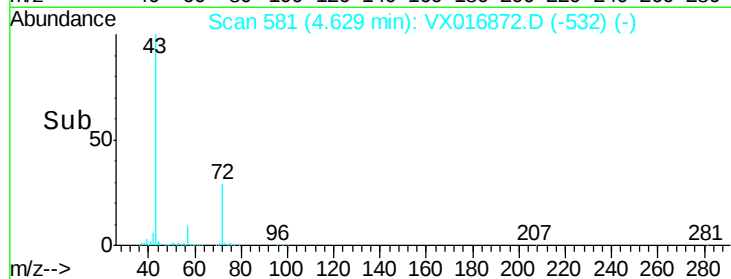
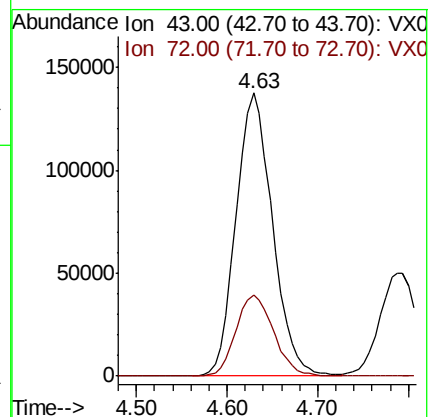
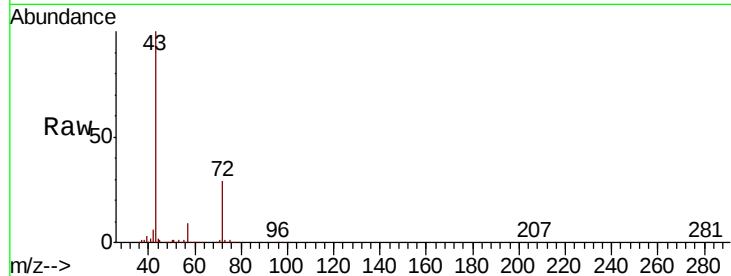
BFB13

Tot Ion: 43 Resp: 383410

Ion Ratio Lower Upper

43 100

72 28.5 23.5 35.3



#26

2,2-Dichloropropane

Concen: 52.617 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016872.D

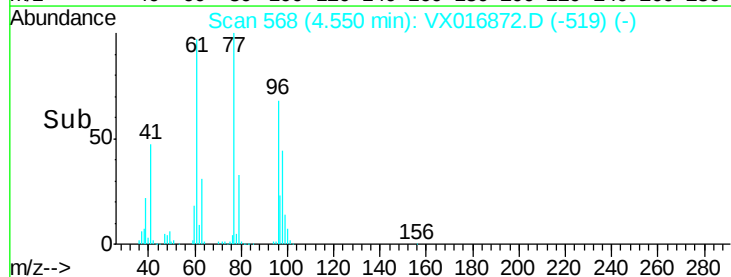
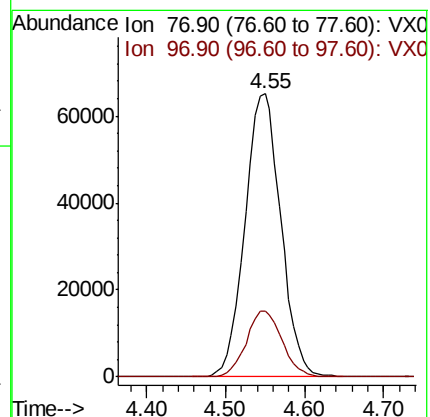
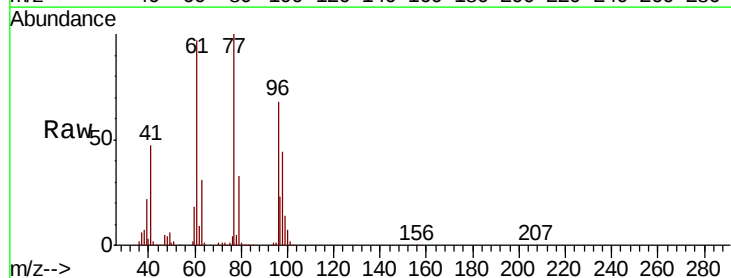
Acq: 19 Jun 2020 12:12

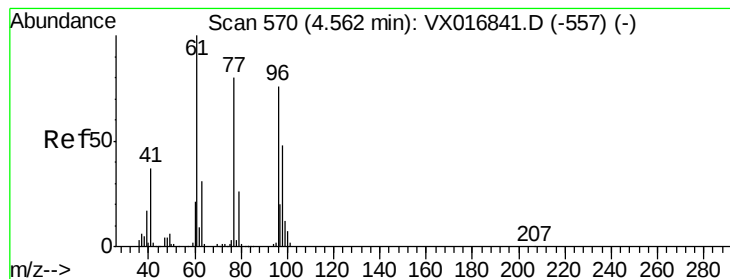
Tgt Ion: 77 Resp: 205711

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 50.224 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

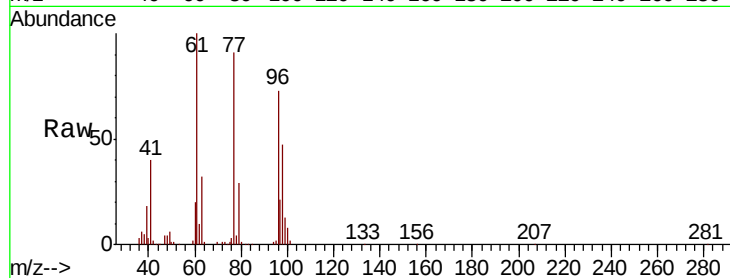
Tot Ion: 96 Resp: 140464

Ion Ratio Lower Upper

96 100

61 138.5 0.0 273.8

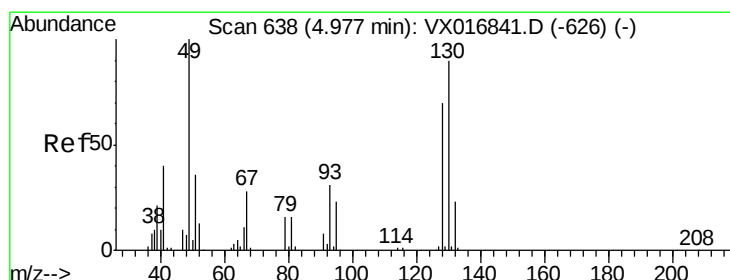
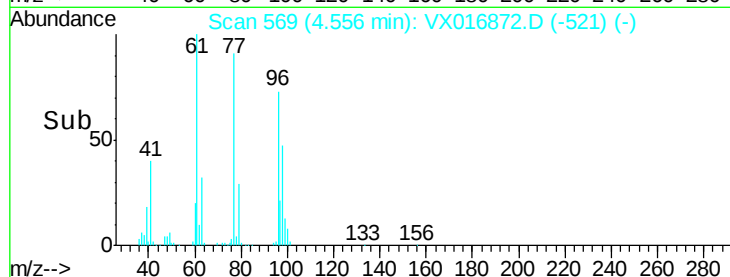
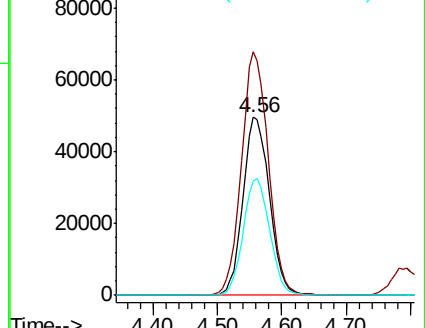
98 65.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.731 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

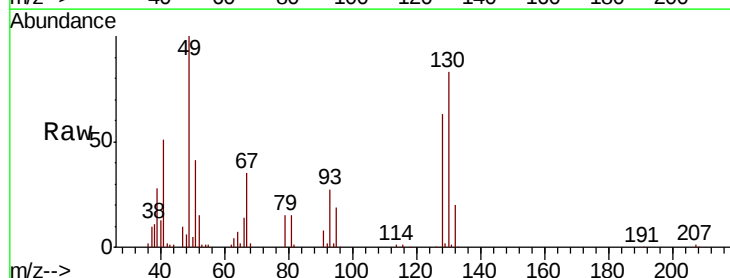
Tgt Ion: 49 Resp: 91330

Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.0

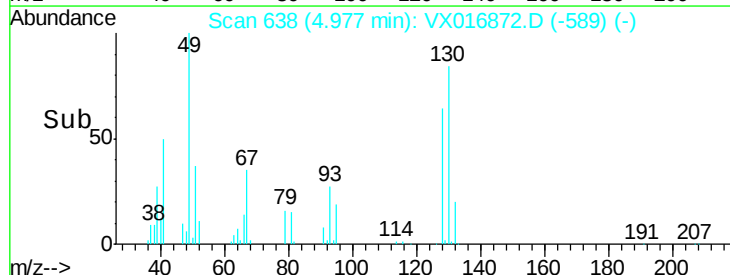
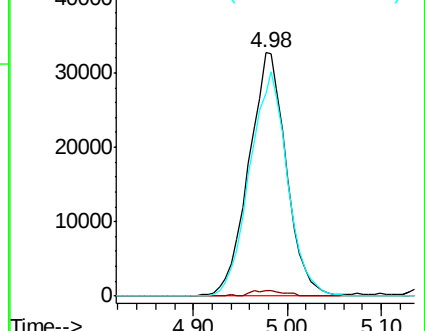
130 92.8 76.8 115.2

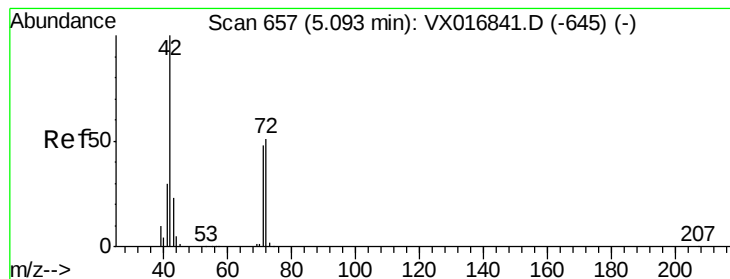


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.524 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

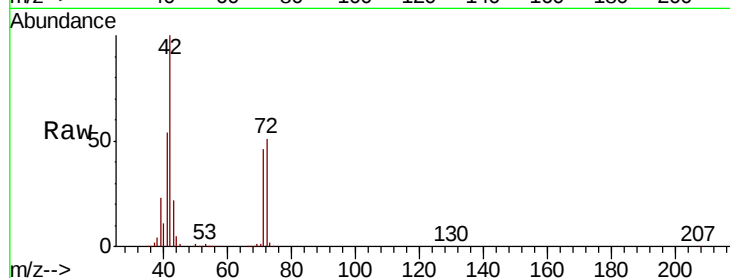
Tot Ion: 42 Resp: 239458

Ion Ratio Lower Upper

42 100

72 51.5 41.1 61.7

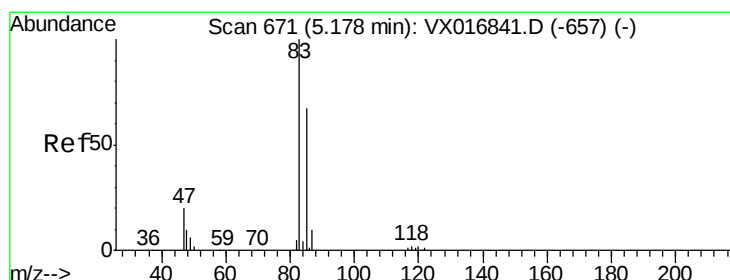
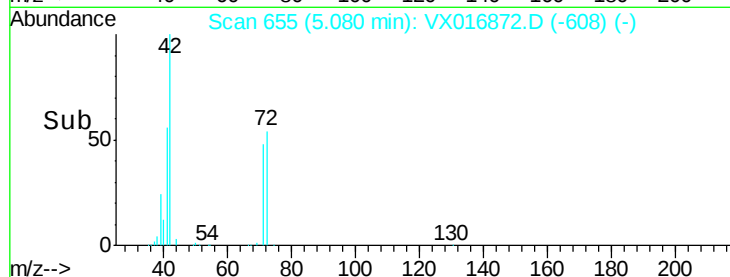
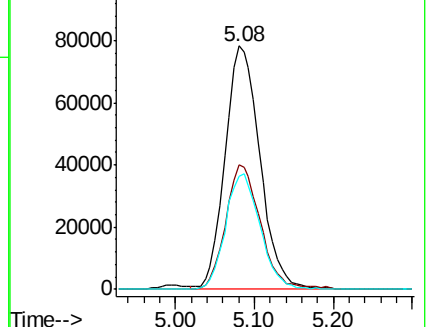
71 47.5 38.4 57.6



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: 51.014 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016872.D

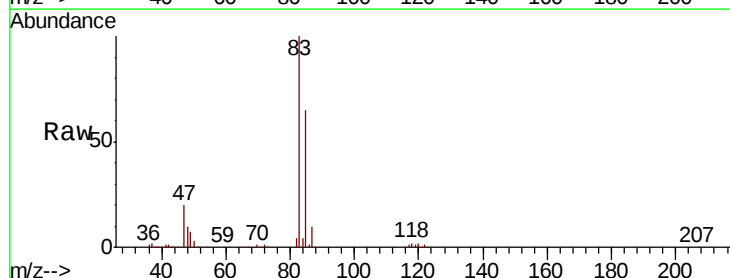
Acq: 19 Jun 2020 12:12

Tgt Ion: 83 Resp: 224748

Ion Ratio Lower Upper

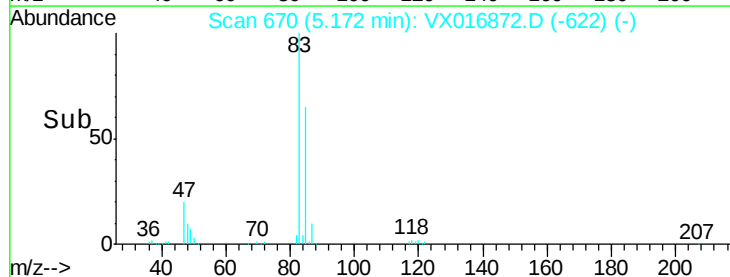
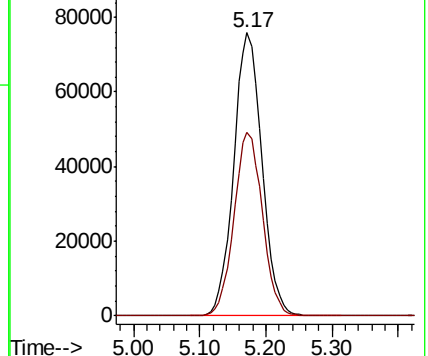
83 100

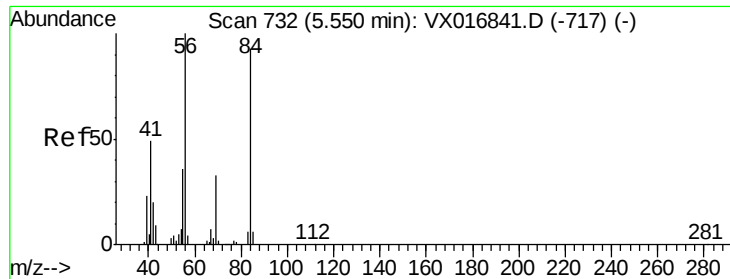
85 65.0 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

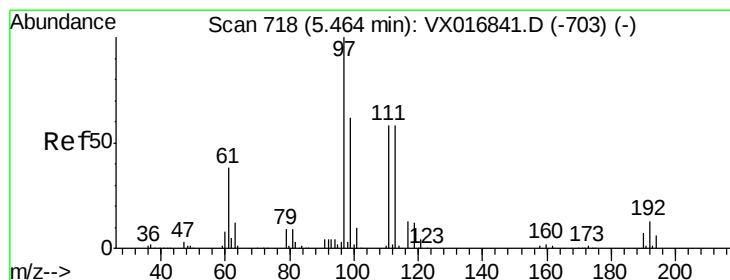
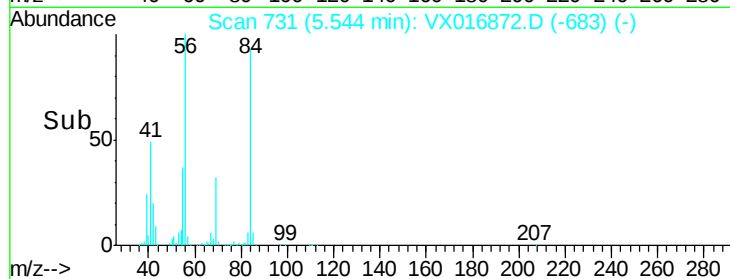
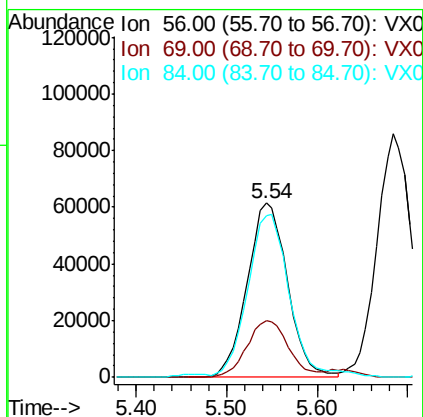
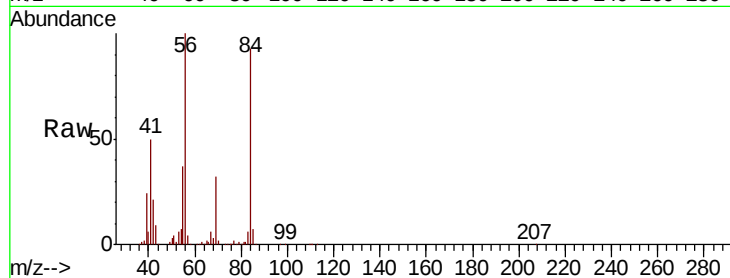




#31
Cyclohexane
Concen: 51.685 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

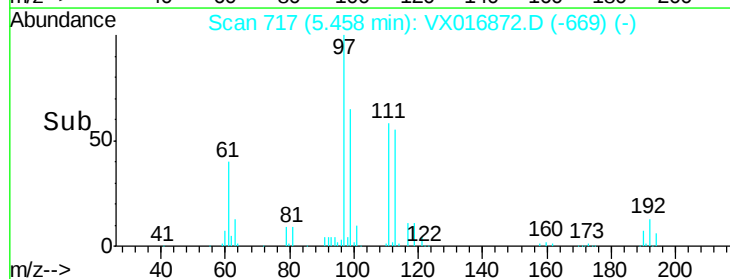
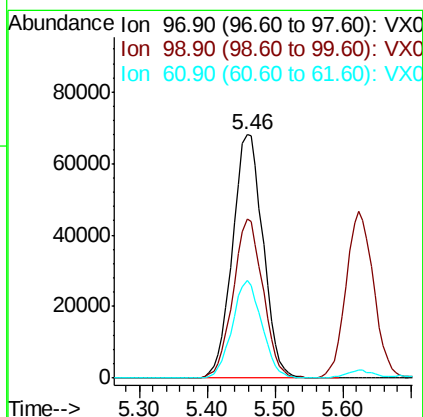
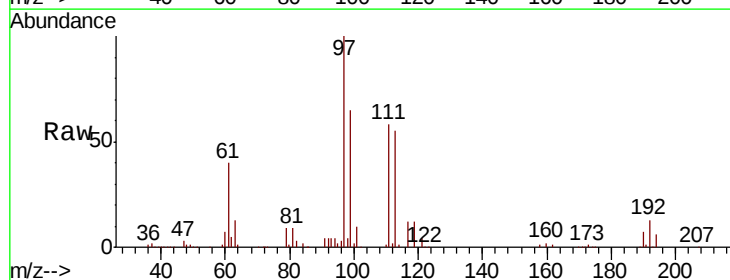
Instrument :
MSVOA_X
ClientSampleId :
BFB13

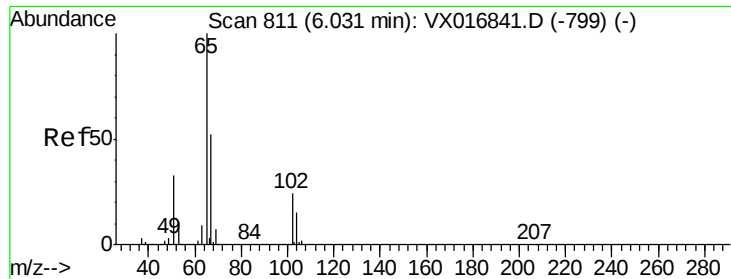
Tot Ion: 56 Resp: 189619
Ion Ratio Lower Upper
56 100
69 32.4 26.1 39.1
84 91.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.986 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 97 Resp: 212597
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 39.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 44.874 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

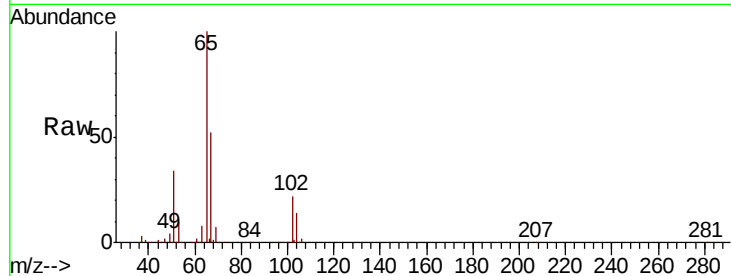
BFB13

Tot Ion: 65 Resp: 133128

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

30000

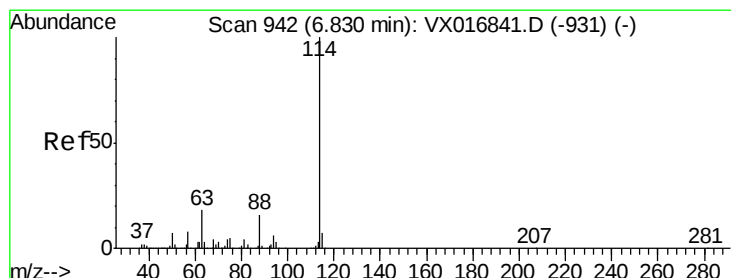
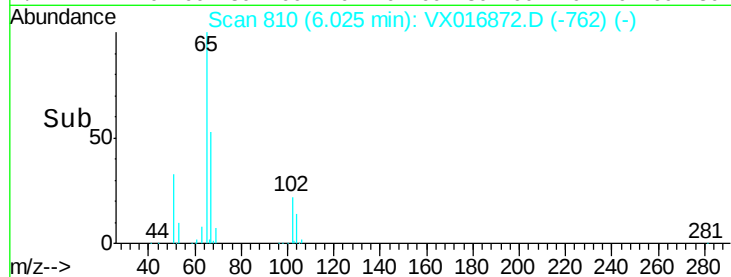
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

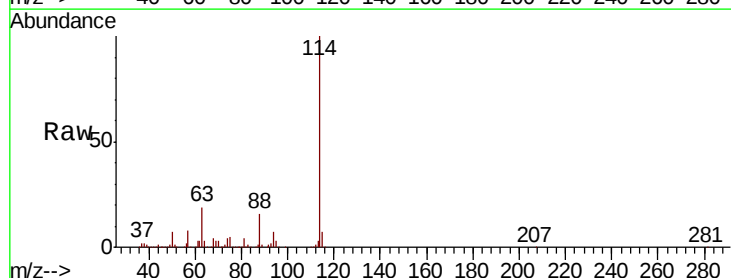
Tgt Ion: 114 Resp: 423347

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

88 15.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

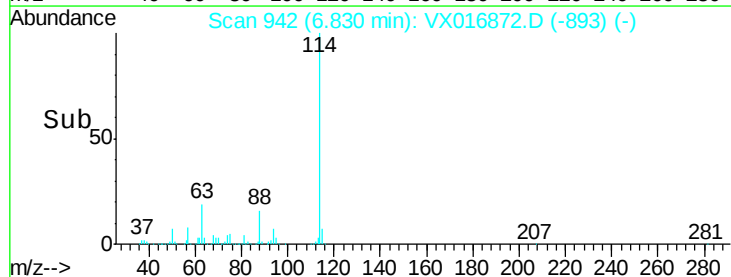
100000

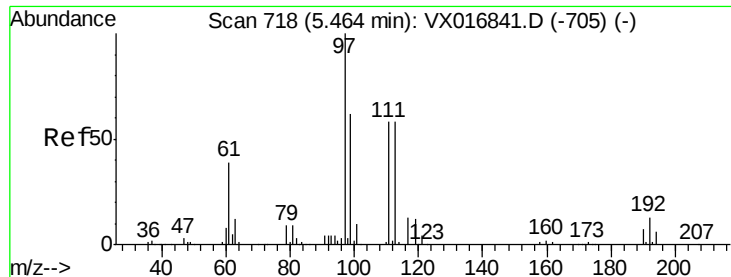
50000

0

Time-->

6.70 6.80 6.90 7.00

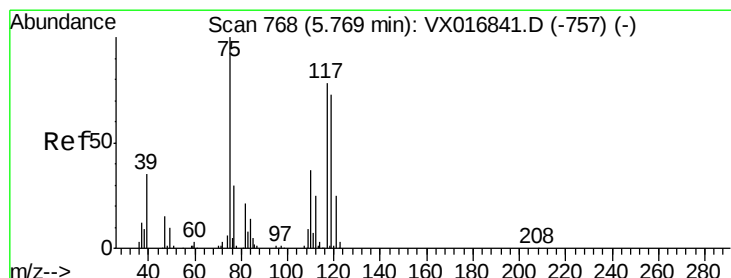
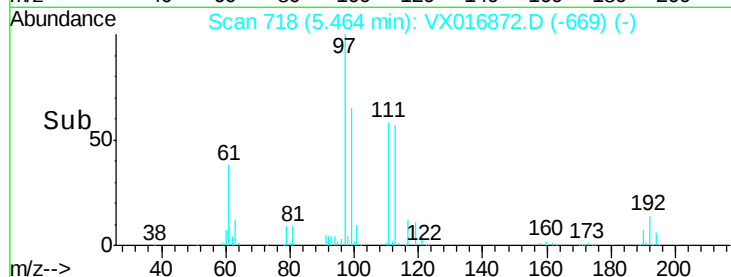
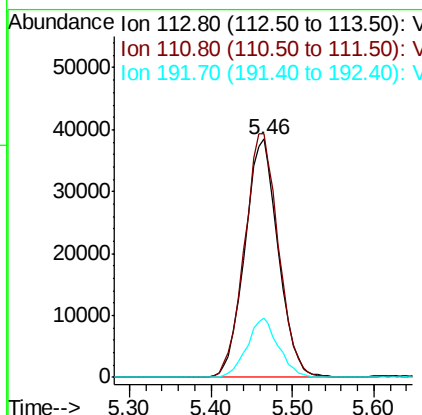
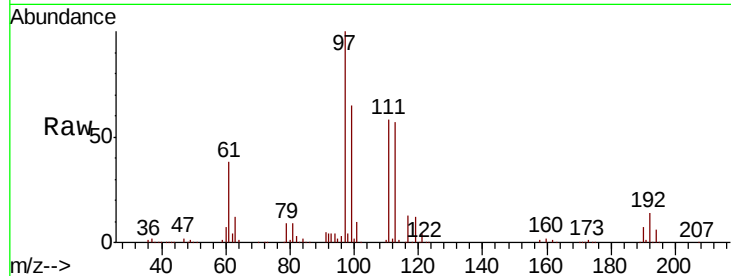




#35
Dibromofluoromethane
Concen: 40.569 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

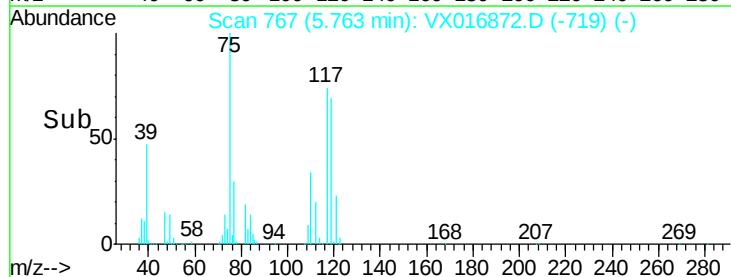
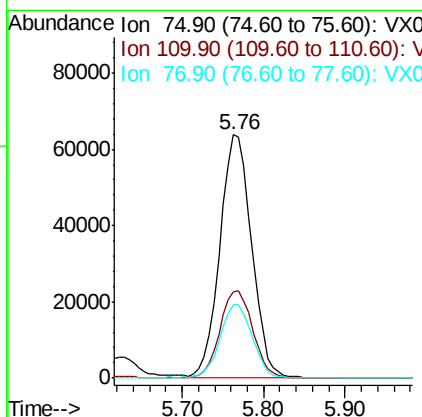
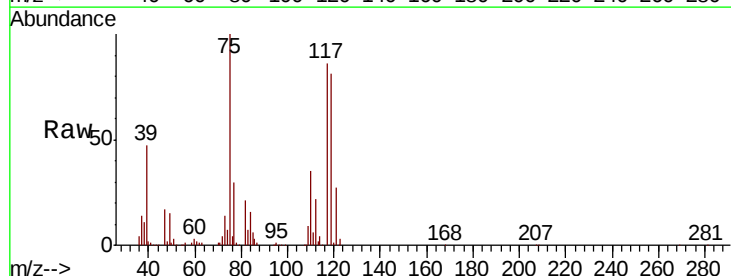
Instrument :
MSVOA_X
ClientSampled :
BFB13

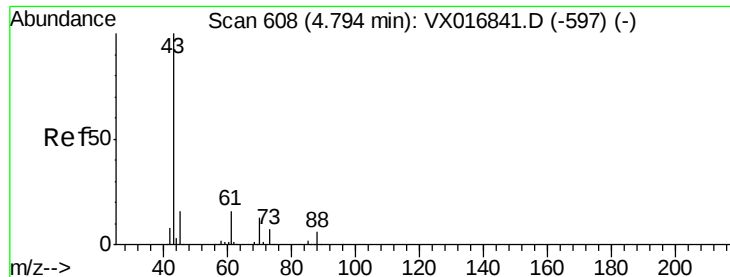
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.4
192	23.5	18.5	27.7



#36
1,1-Dichloropropene
Concen: 43.910 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.9	56.9
77	30.9	25.6	38.4

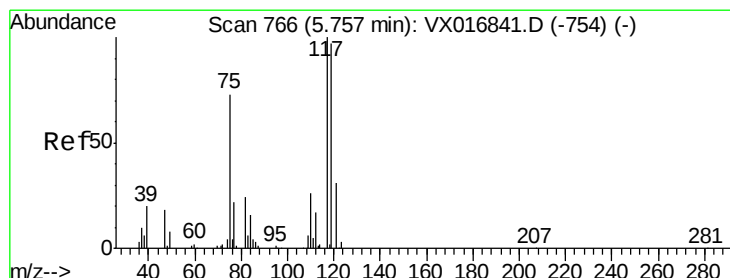
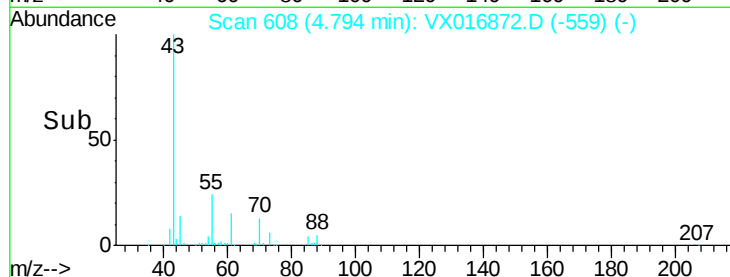
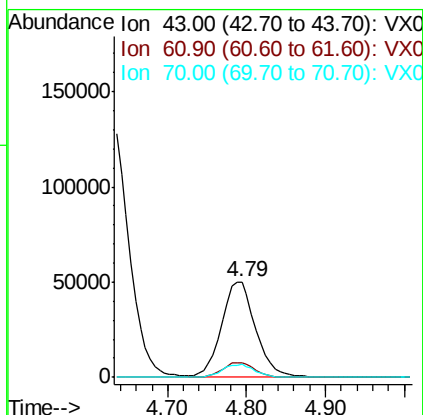
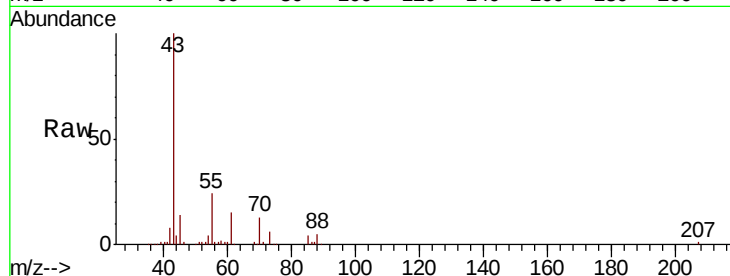




#37
Ethyl Acetate
Concen: 43.244 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

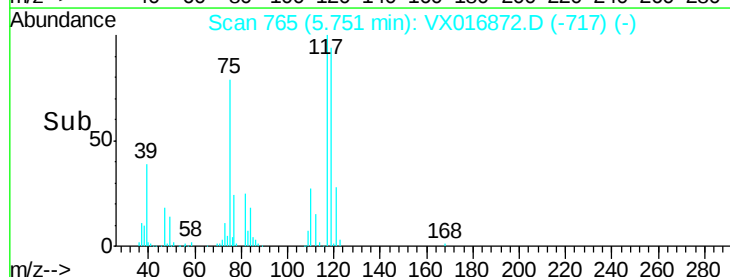
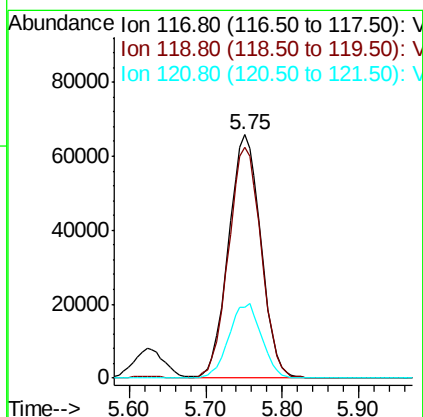
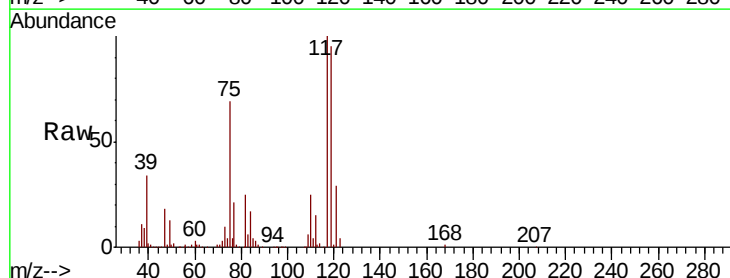
Instrument :
MSVOA_X
ClientSampleId :
BFB13

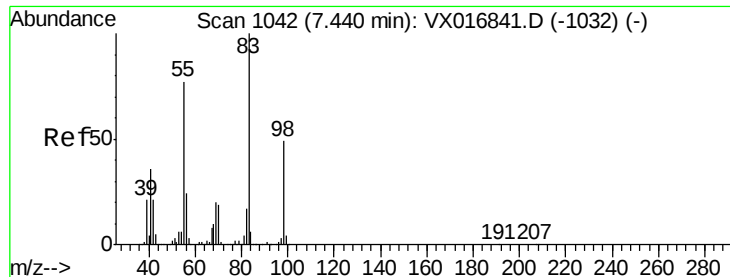
Tot Ion: 43 Resp: 149353
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 43.901 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 117 Resp: 192547
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
121 29.0 24.7 37.1





#39

Methvlcvclohexane

Concen: 51.695 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

BFB13

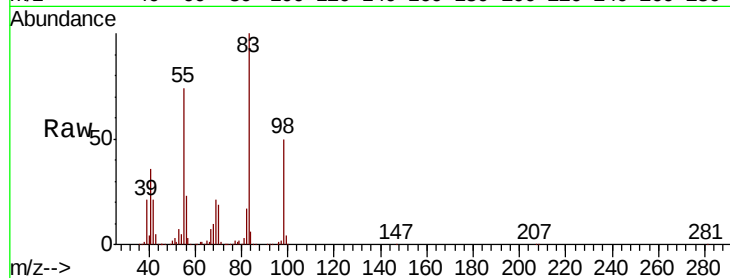
Tot Ion: 83 Resp: 234957

Ion Ratio Lower Upper

83 100

55 74.5 61.7 92.5

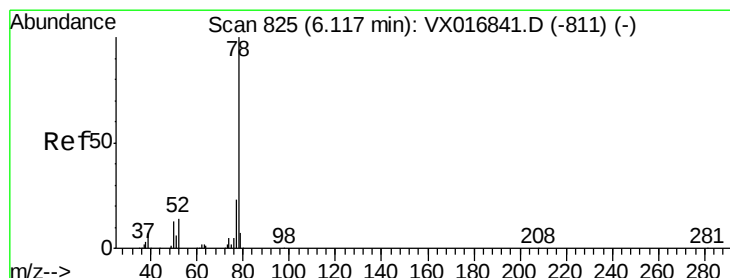
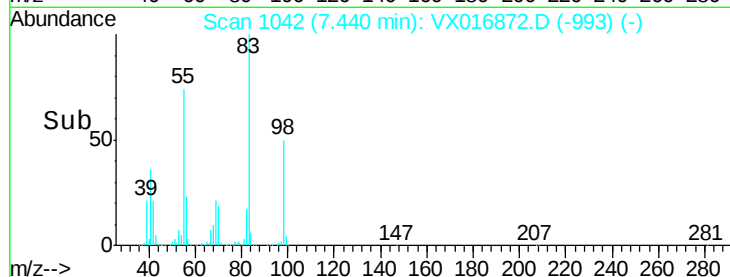
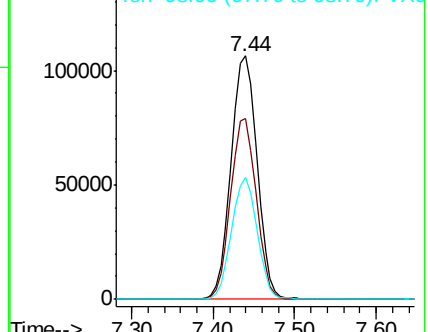
98 50.0 39.0 58.6



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: 42.472 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016872.D

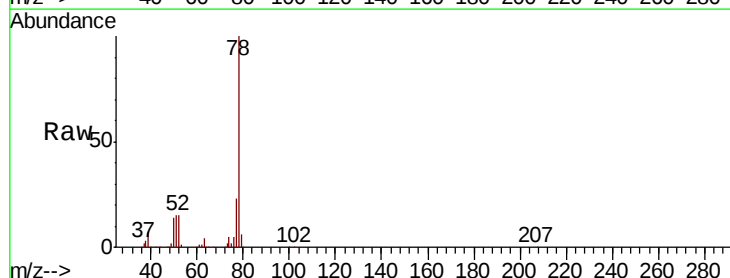
Acq: 19 Jun 2020 12:12

Tgt Ion: 78 Resp: 498152

Ion Ratio Lower Upper

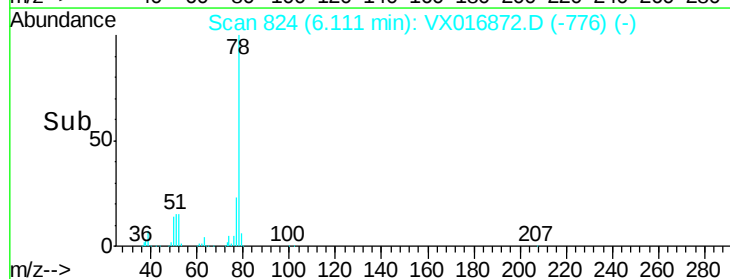
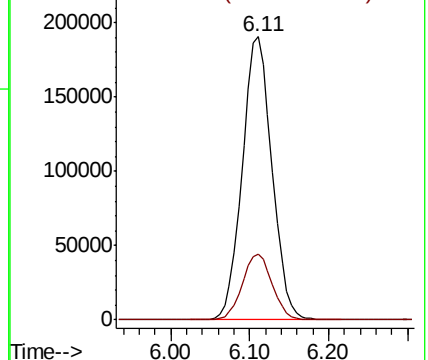
78 100

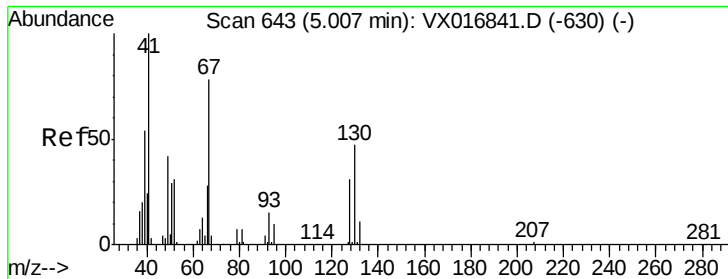
77 23.3 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

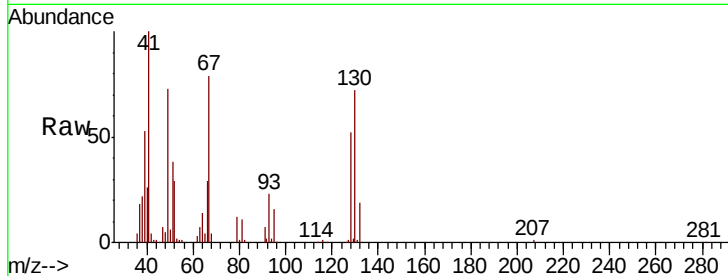




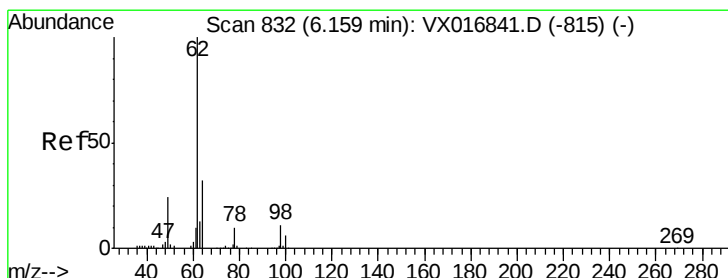
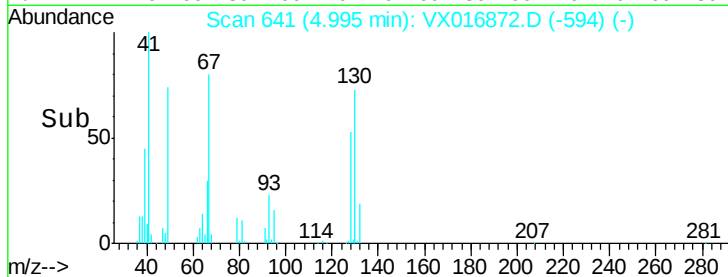
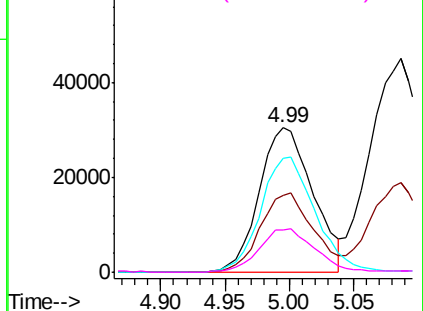
#41
Methacrylonitrile
Concen: 47.160 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
BFB13

Tot Ion:	41	Resp:	88425
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	64.0
67	80.8	64.2	96.2
52	31.0	25.6	38.4

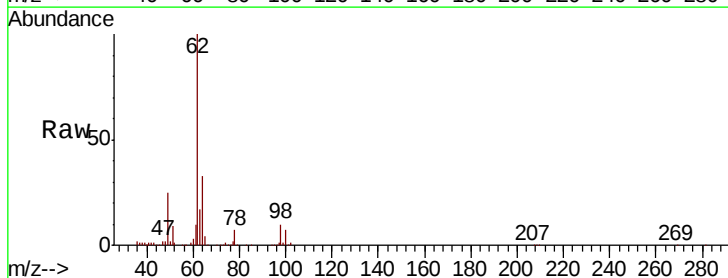


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

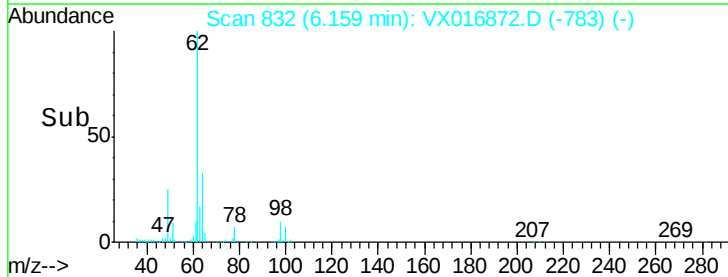
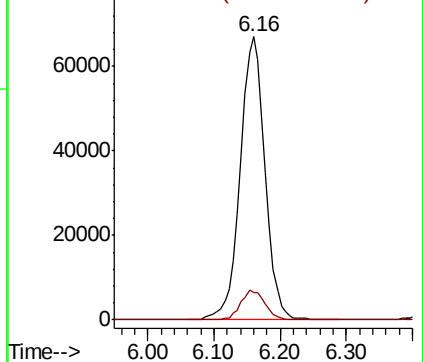


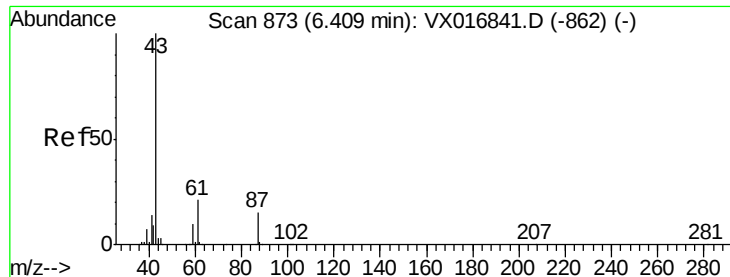
#42
1,2-Dichloroethane
Concen: 41.765 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion:	62	Resp:	174314
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 54.262 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

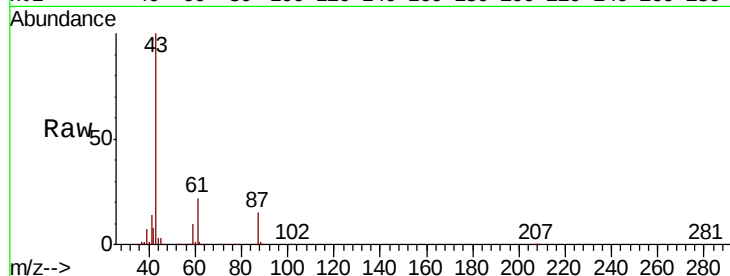
Tot Ion: 43 Resp: 327266

Ion Ratio Lower Upper

43 100

61 22.2 17.9 26.9

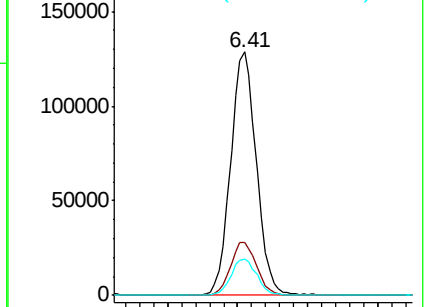
87 14.9 12.4 18.6



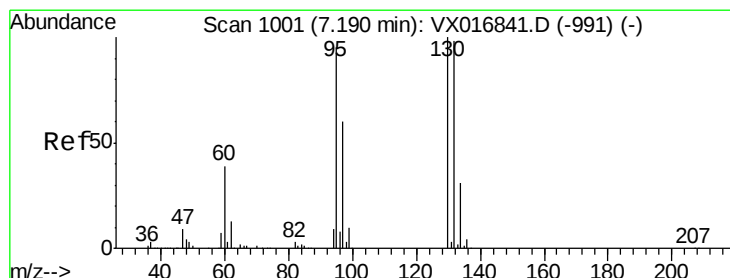
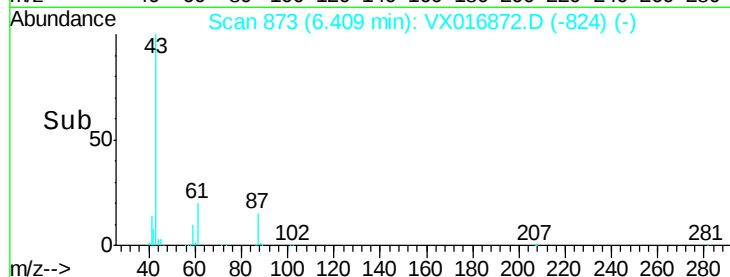
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 49.577 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016872.D

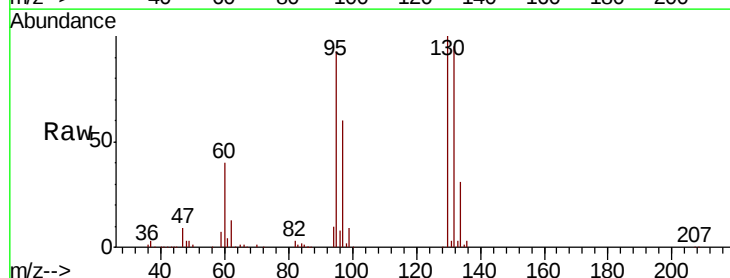
Acq: 19 Jun 2020 12:12

Tgt Ion:130 Resp: 178082

Ion Ratio Lower Upper

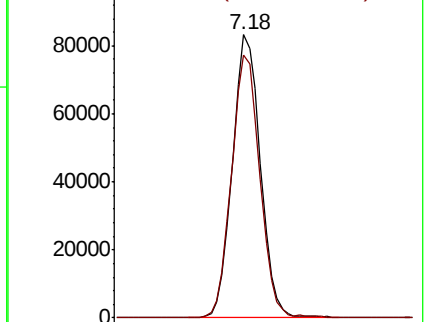
130 100

95 93.1 0.0 190.8

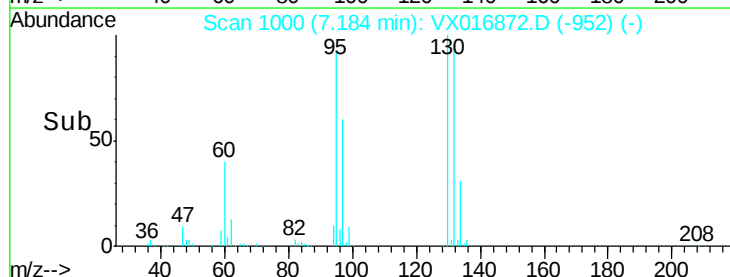


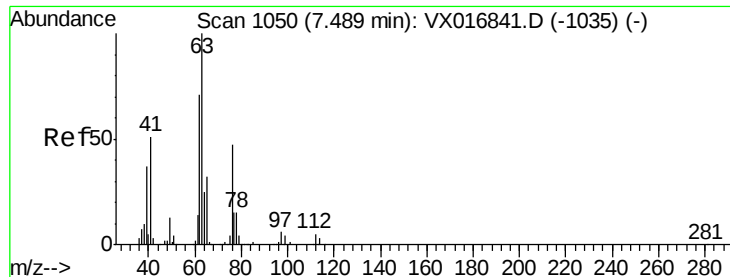
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 43.875 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

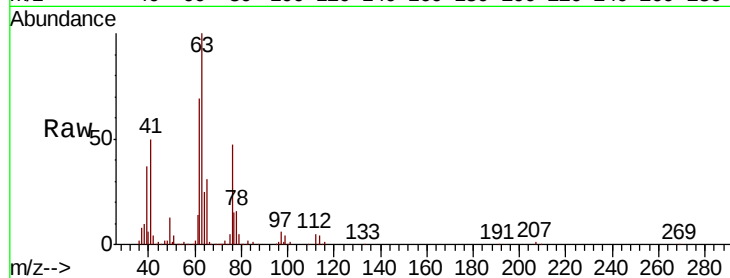
BFB13

Tot Ion: 63 Resp: 129365

Ion Ratio Lower Upper

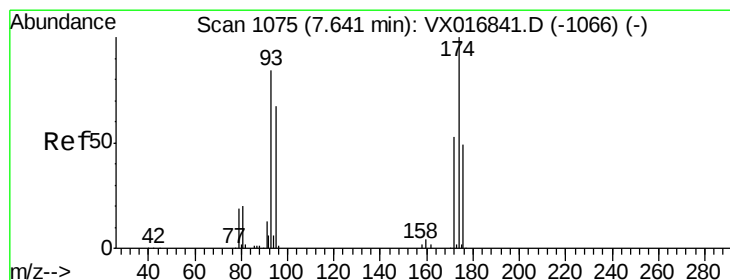
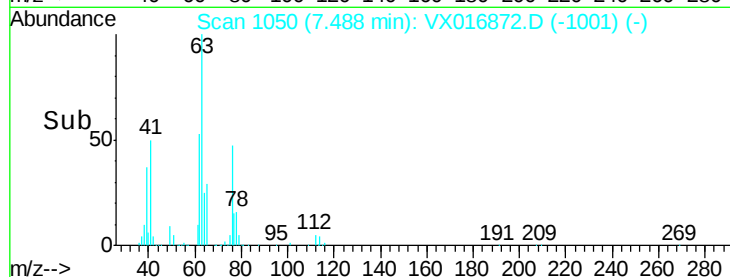
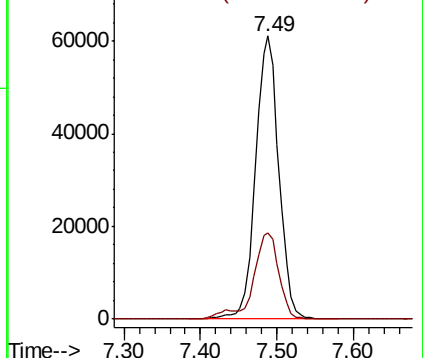
63 100

65 30.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 42.835 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

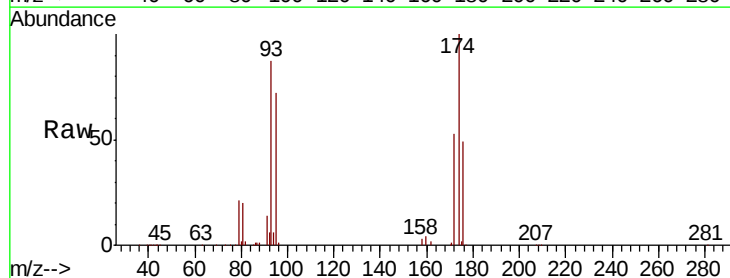
Tgt Ion: 93 Resp: 85651

Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

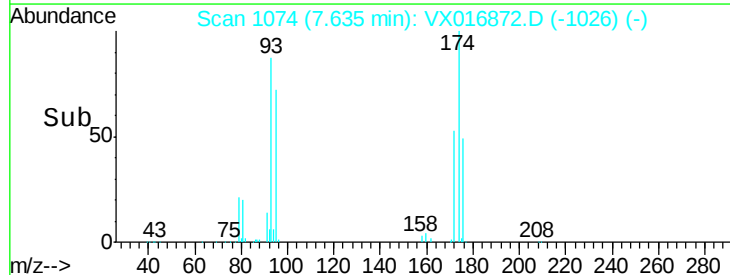
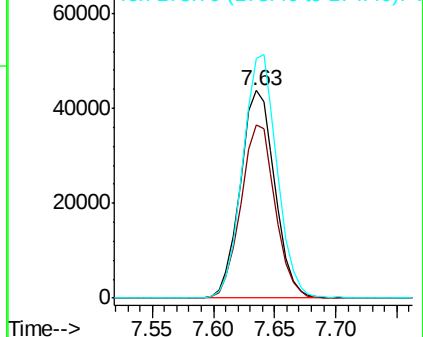
174 117.3 92.8 139.2

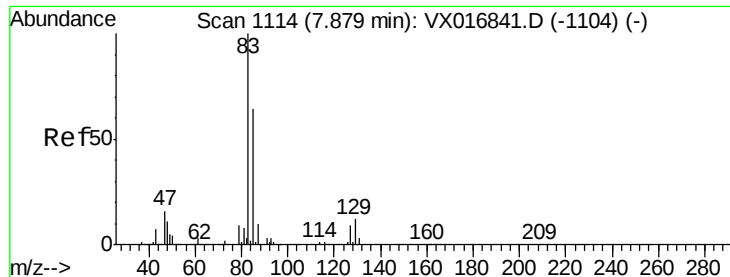


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 43.044 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

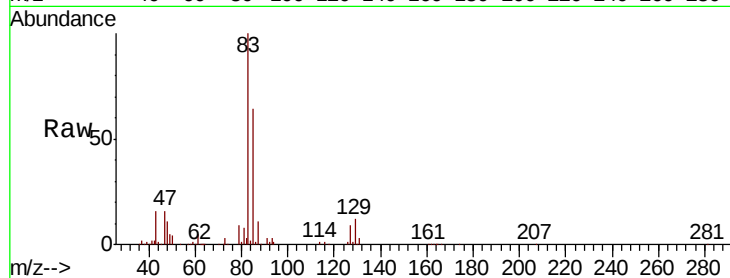
Tot Ion: 83 Resp: 183054

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

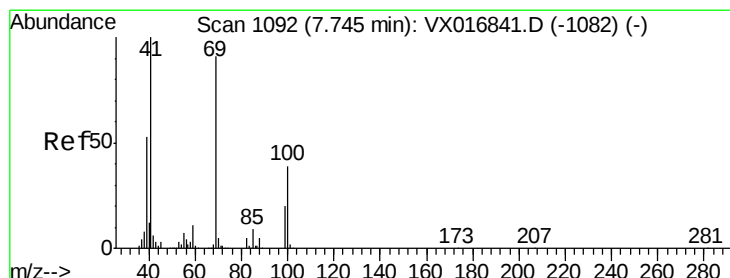
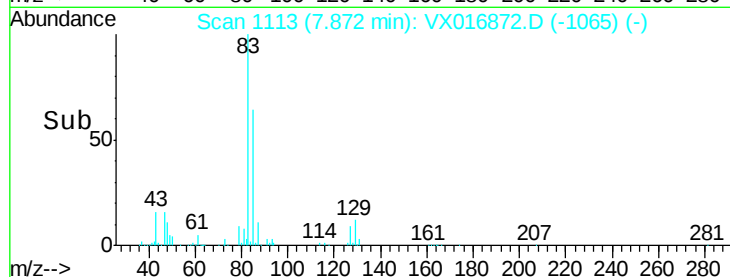
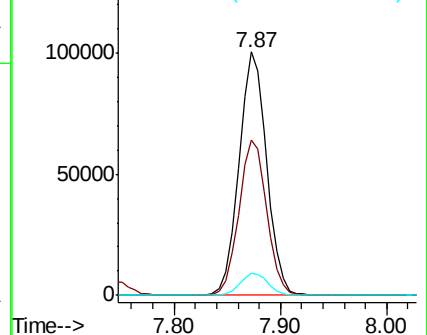
127 9.3 7.4 11.0



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: 43.067 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

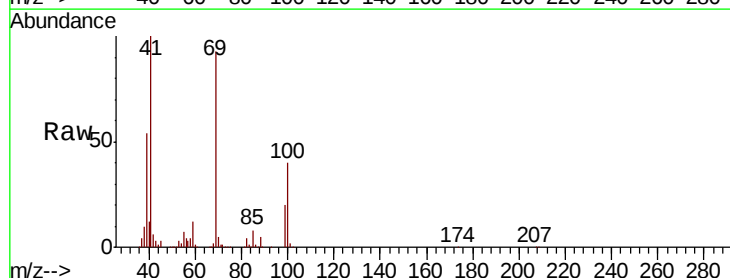
Tgt Ion: 41 Resp: 122311

Ion Ratio Lower Upper

41 100

69 93.9 73.3 109.9

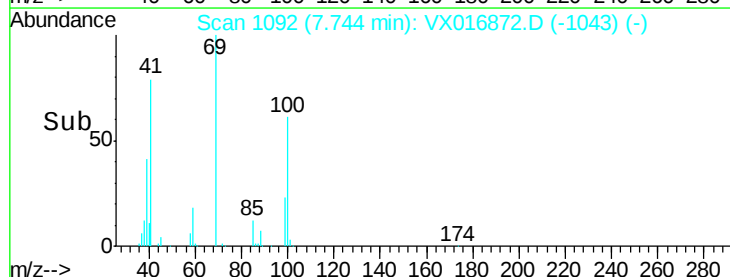
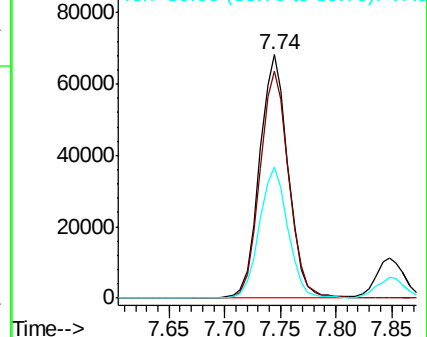
39 53.9 42.4 63.6

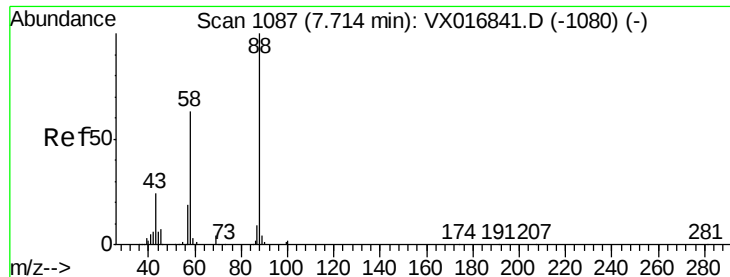


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 944.015 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

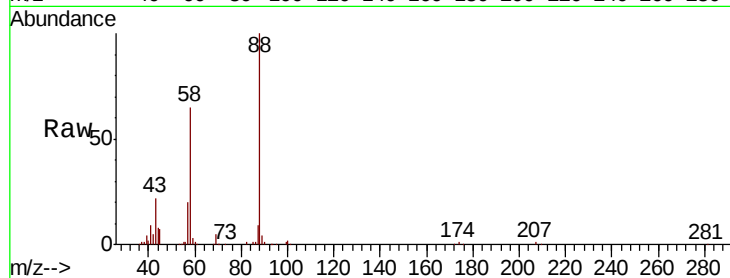
Tot Ion: 88 Resp: 60015

Ion Ratio Lower Upper

88 100

43 27.8 22.7 34.1

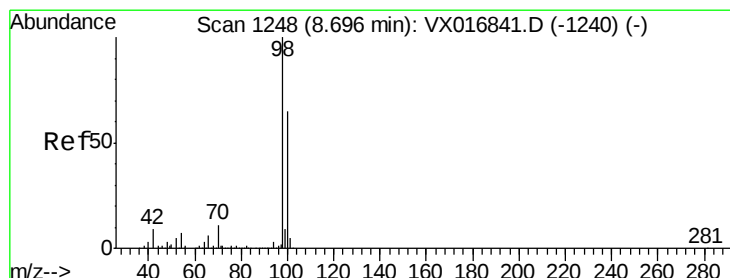
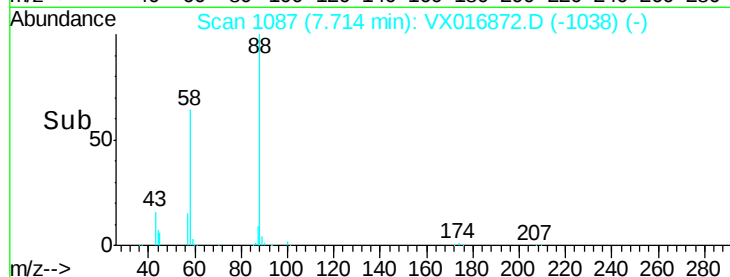
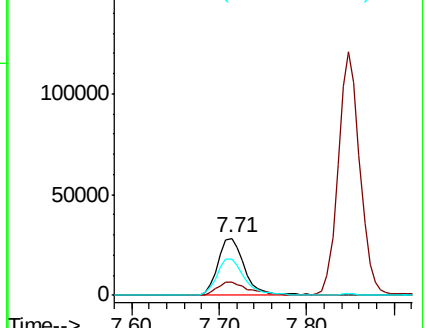
58 66.5 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 39.385 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016872.D

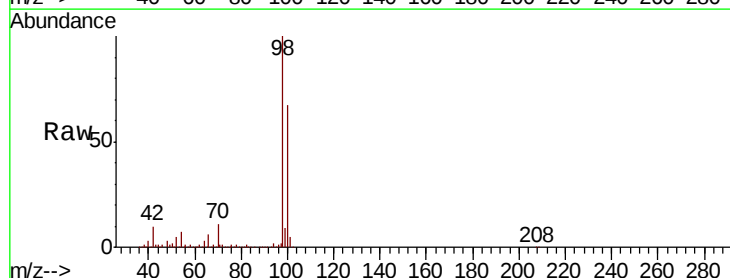
Acq: 19 Jun 2020 12:12

Tgt Ion: 98 Resp: 426730

Ion Ratio Lower Upper

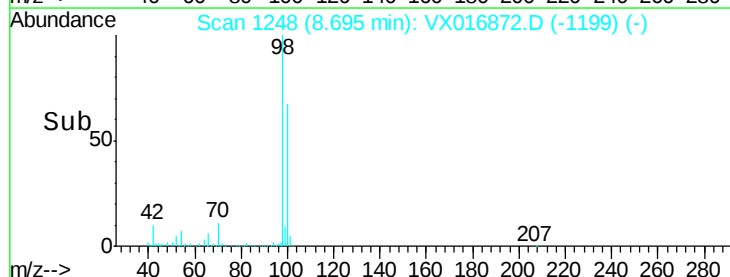
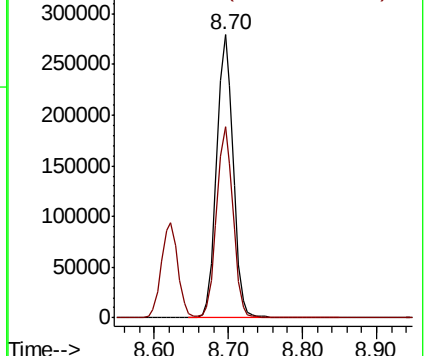
98 100

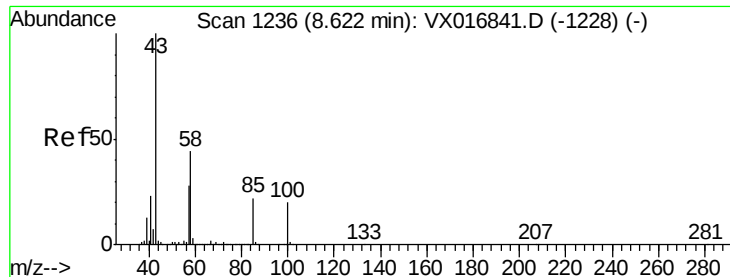
100 67.7 54.0 81.0



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: 206.825 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

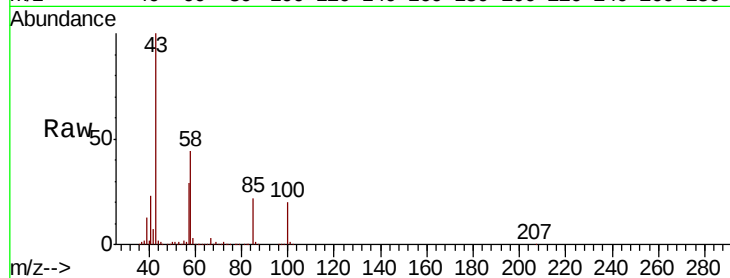
BFB13

Tot Ion: 43 Resp: 750264

Ion Ratio Lower Upper

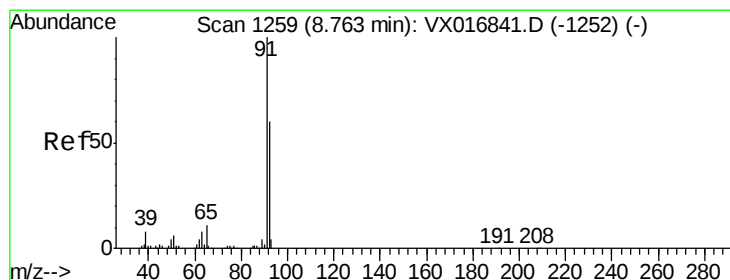
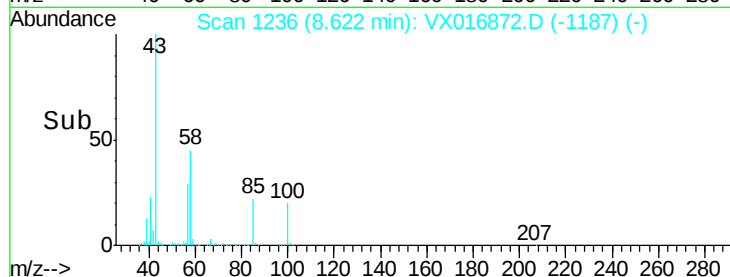
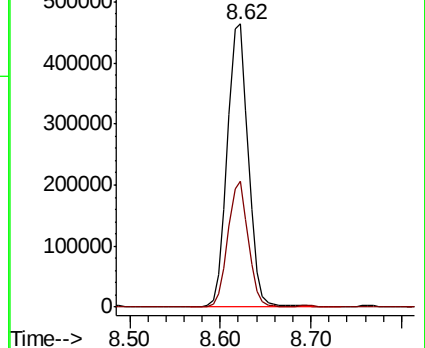
43 100

58 43.0 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.945 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016872.D

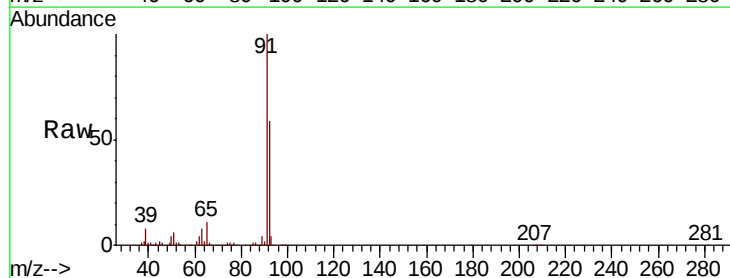
Acq: 19 Jun 2020 12:12

Tgt Ion: 92 Resp: 365270

Ion Ratio Lower Upper

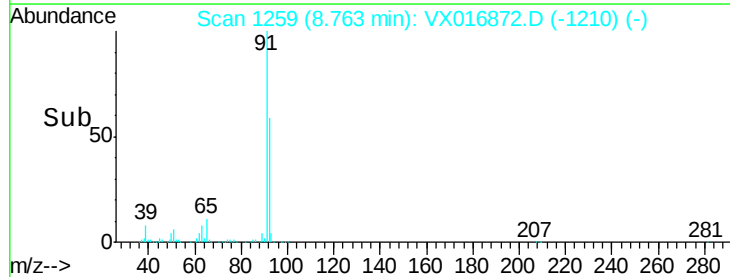
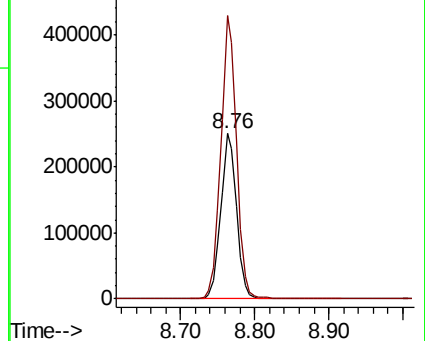
92 100

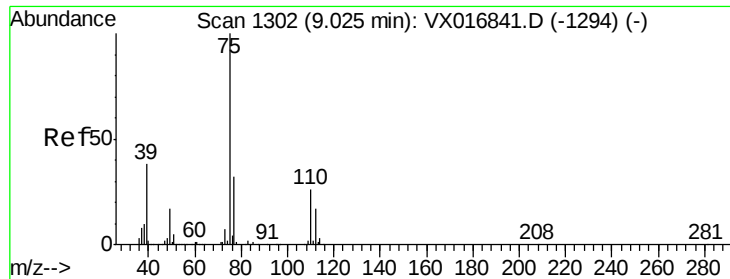
91 169.7 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.854 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

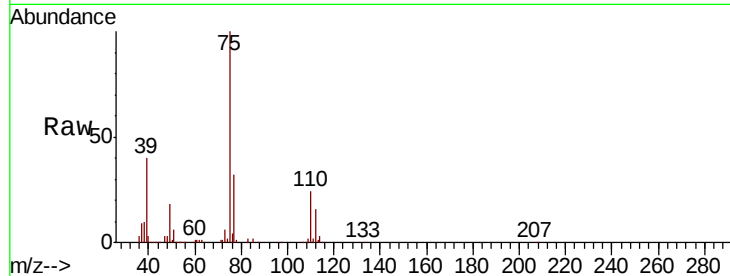
BFB13

Tot Ion: 75 Resp: 209703

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

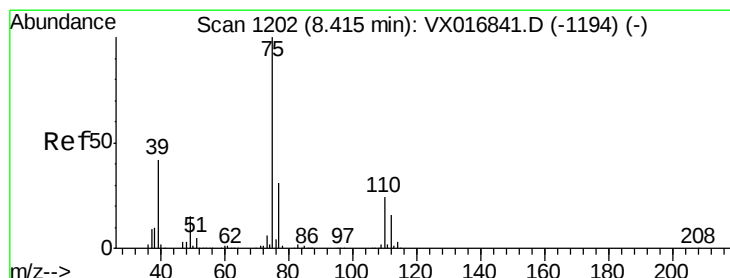
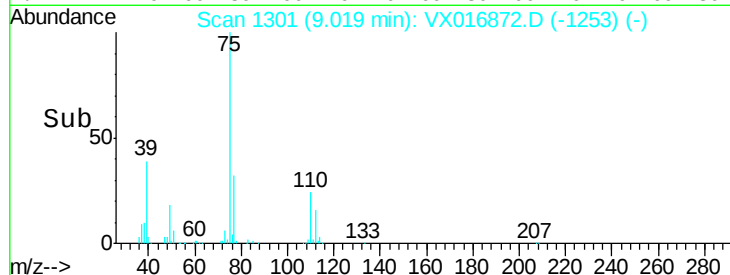
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 44.121 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

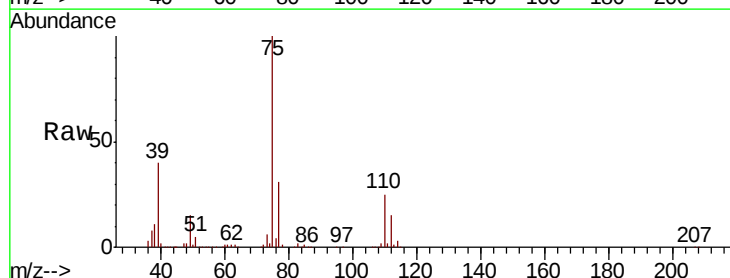
Tgt Ion: 75 Resp: 220678

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 40.4 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

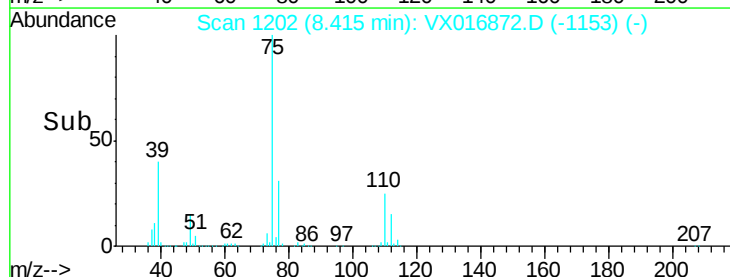
150000

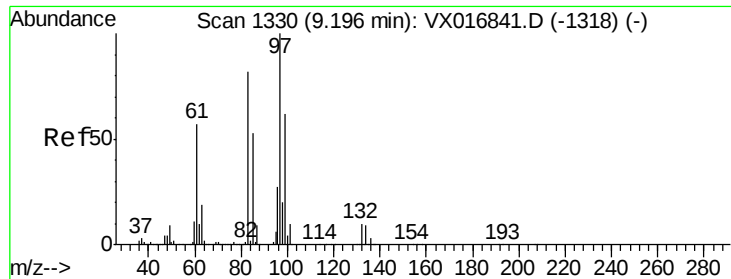
100000

50000

0

Time--> 8.30 8.40 8.50

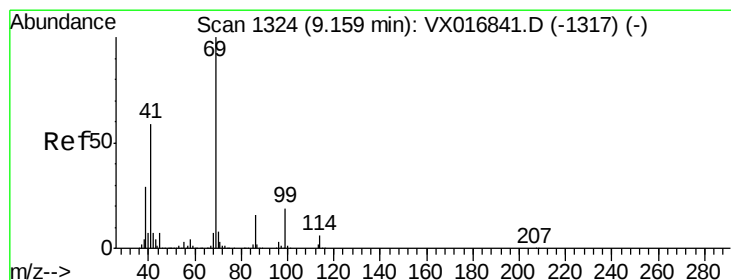
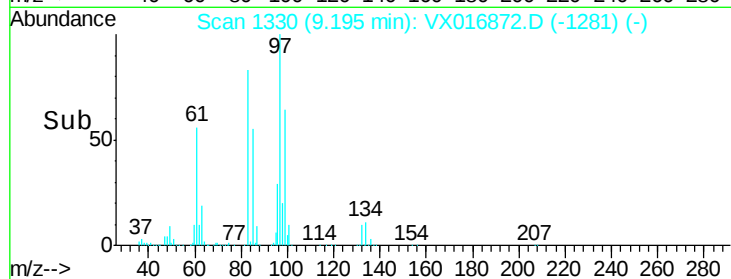
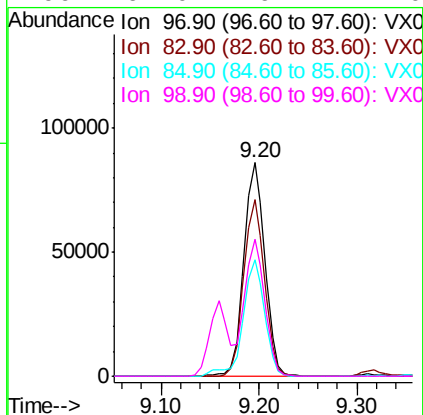
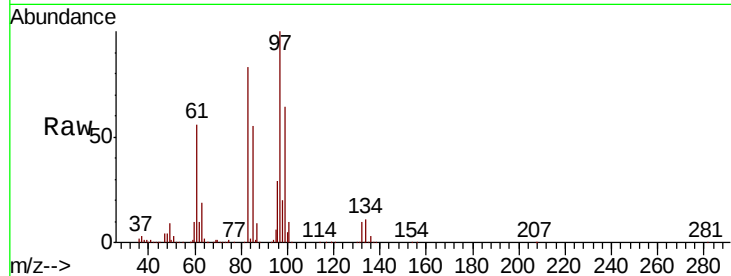




#55
 1,1,2-Trichloroethane
 Concen: 43.588 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

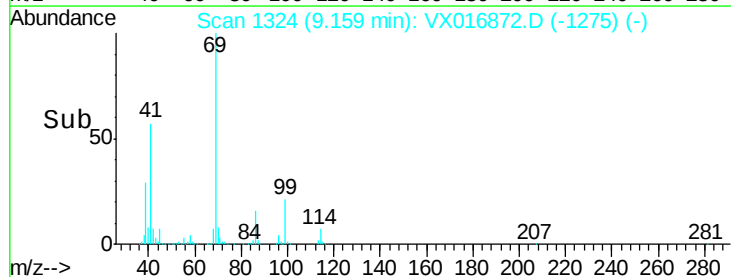
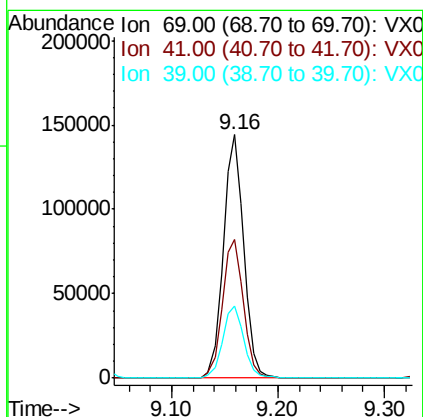
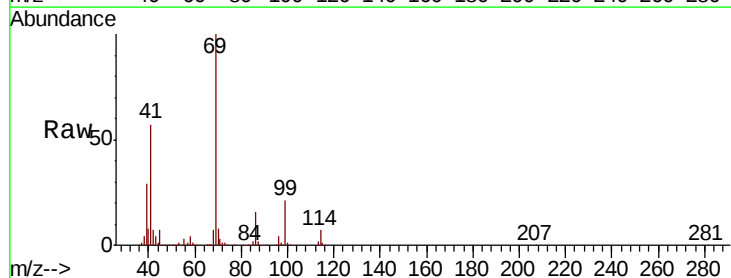
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

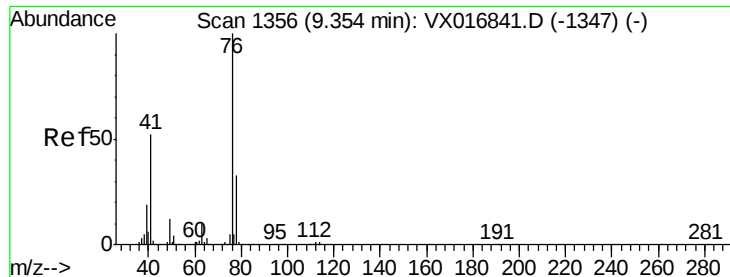
Tot Ion:	97	Resp:	128049
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.5	98.3
85	54.8	42.6	63.8
99	64.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 45.347 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion:	69	Resp:	192853
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.9	71.9
39	30.6	24.2	36.4





#57

1,3-Dichloropropane

Concen: 42.793 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

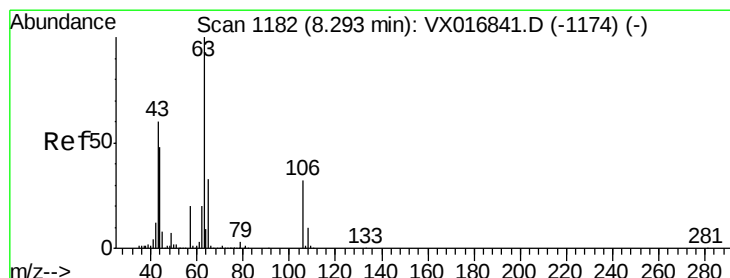
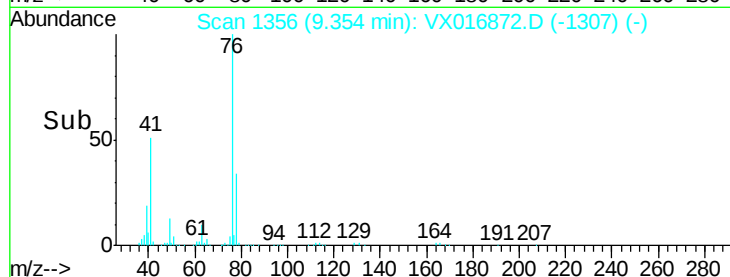
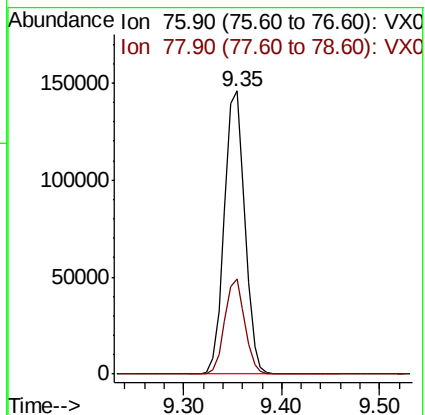
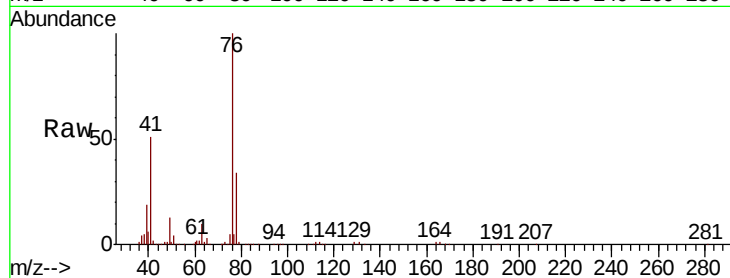
BFB13

Tot Ion: 76 Resp: 213119

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 235.688 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016872.D

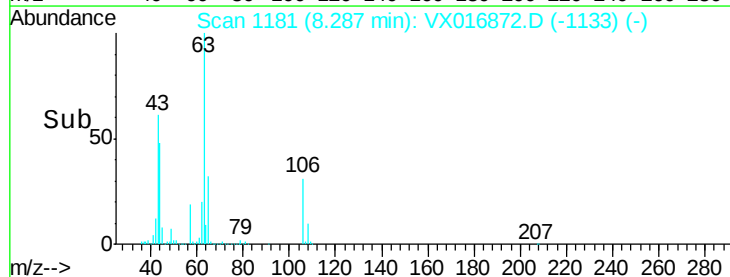
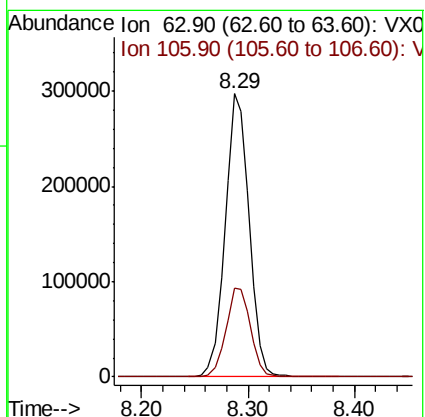
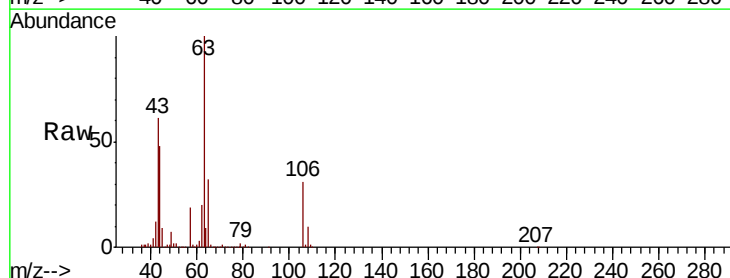
Acq: 19 Jun 2020 12:12

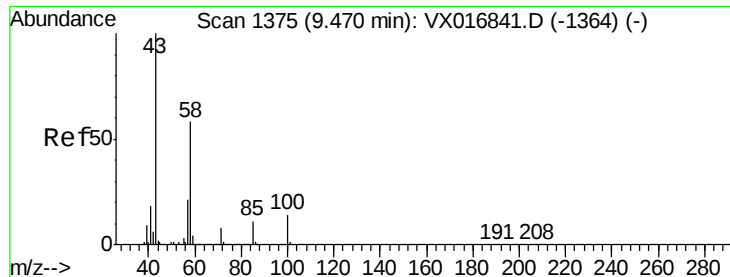
Tgt Ion: 63 Resp: 466396

Ion Ratio Lower Upper

63 100

106 32.3 25.8 38.6

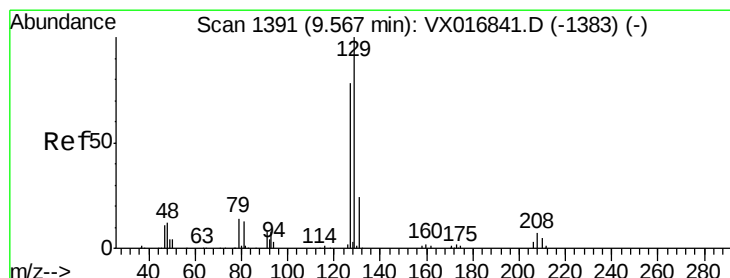
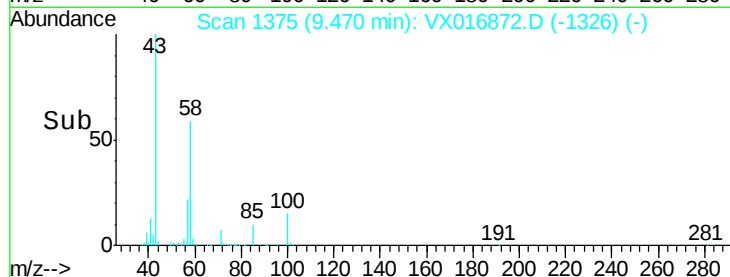
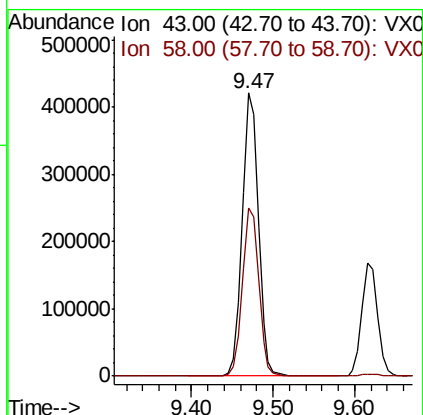
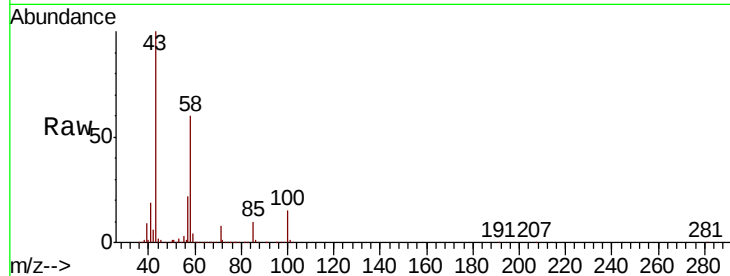




#59
2-Hexanone
Concen: 218.404 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

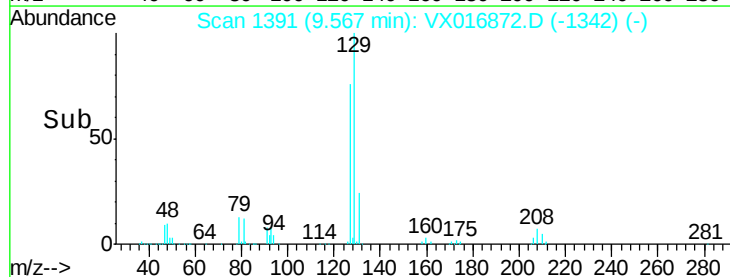
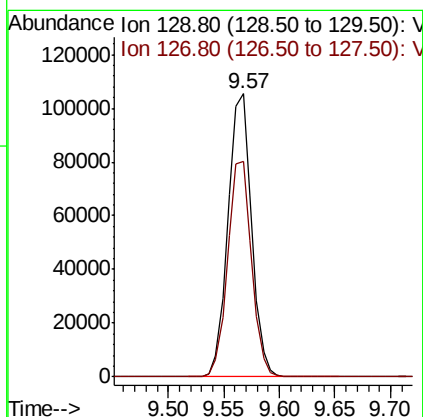
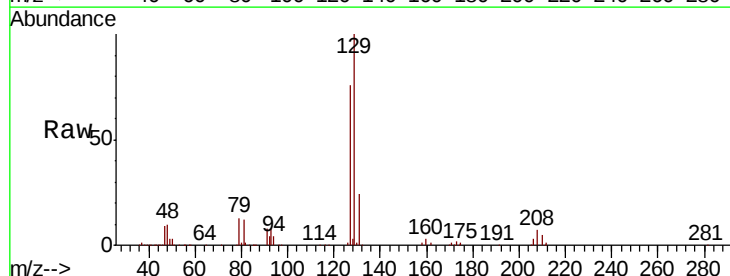
Instrument :
MSVOA_X
ClientSampleId :
BFB13

Tot Ion: 43 Resp: 573734
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.4



#60
Dibromochloromethane
Concen: 43.695 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 129 Resp: 153989
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 43.620 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

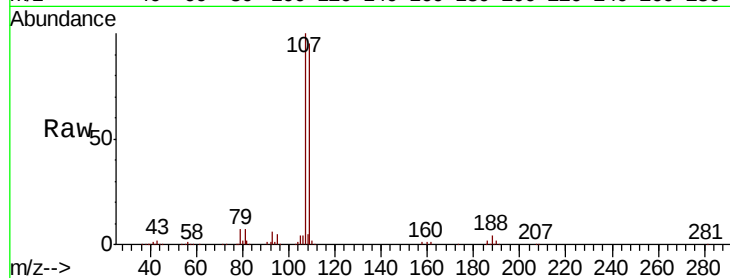
BFB13

Tot Ion:107 Resp: 139065

Ion Ratio Lower Upper

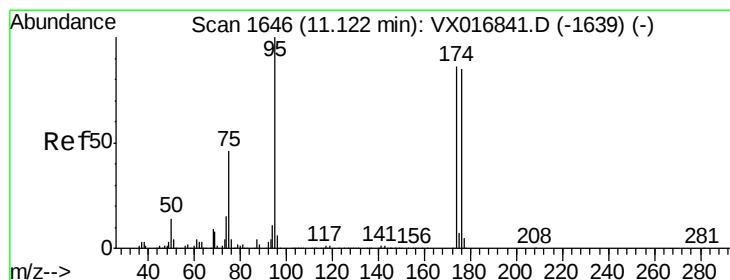
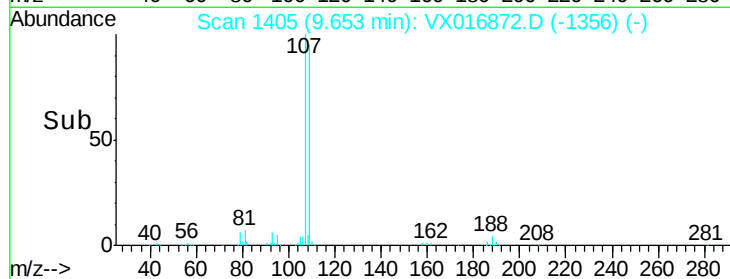
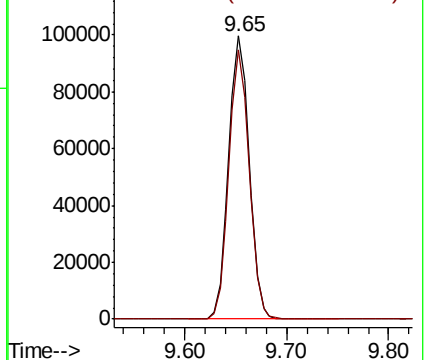
107 100

109 94.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.659 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

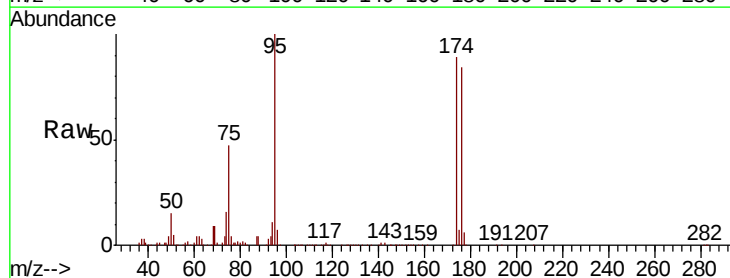
Tgt Ion: 95 Resp: 168788

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.2

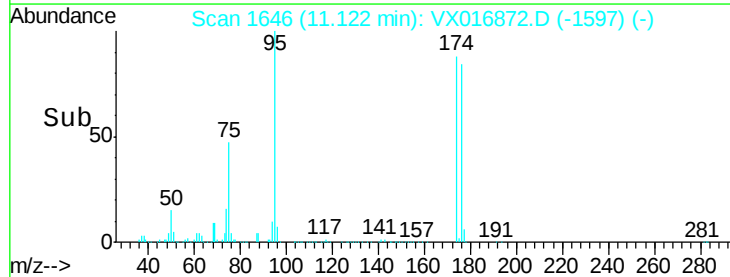
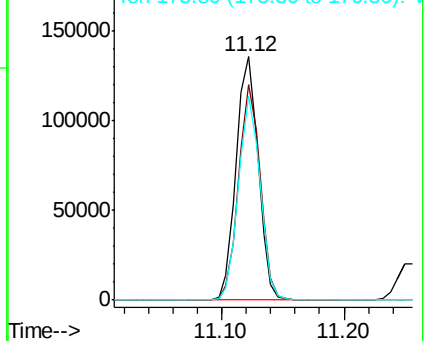
176 82.6 0.0 170.0

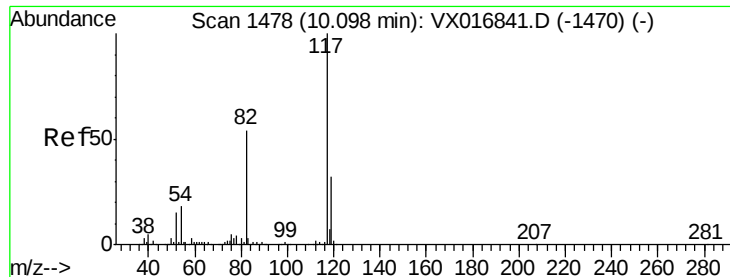


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

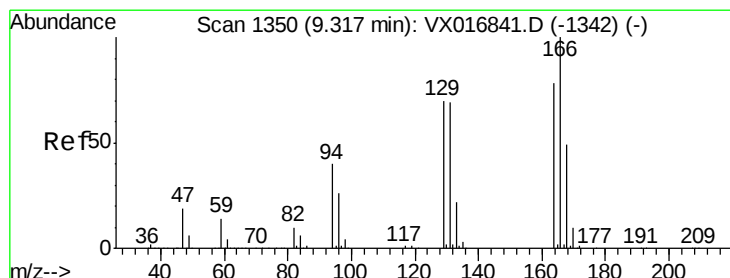
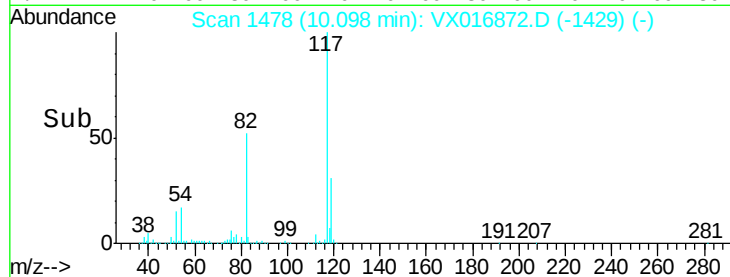
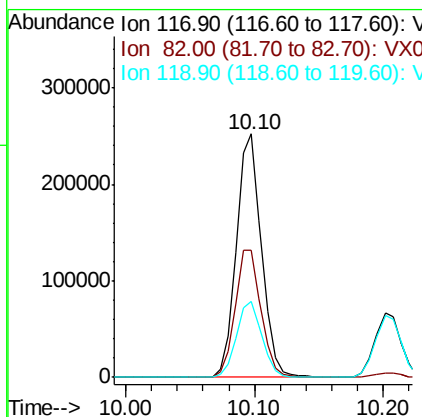
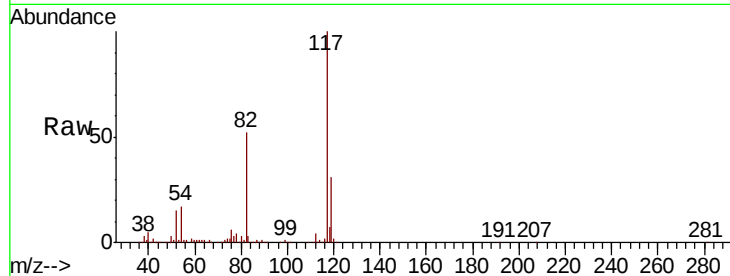




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

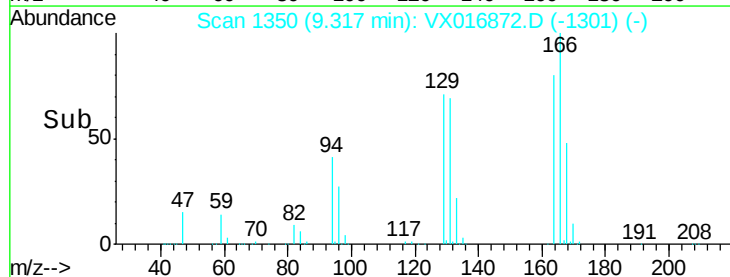
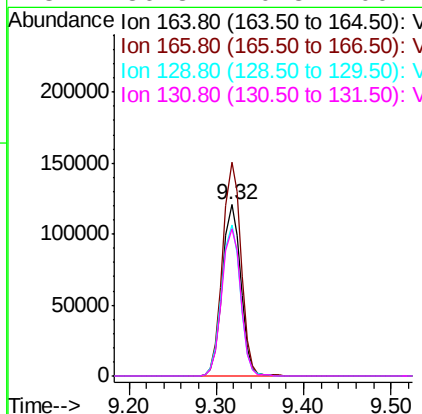
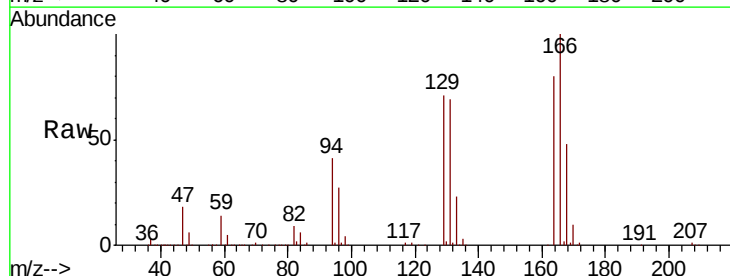
Instrument :
MSVOA_X
ClientSampleId :
BFB13

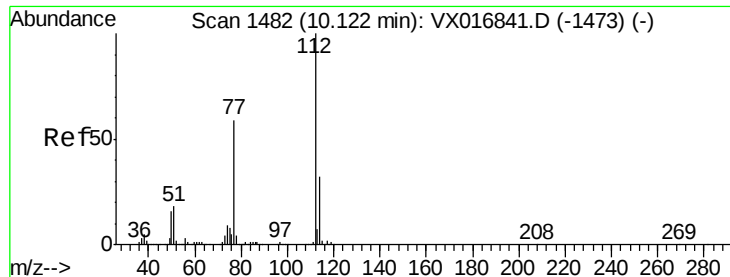
Tot Ion:117 Resp: 340351
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 55.740 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion:164 Resp: 175674
Ion Ratio Lower Upper
164 100
166 124.6 102.6 153.8
129 88.2 72.2 108.2
131 86.3 70.8 106.2

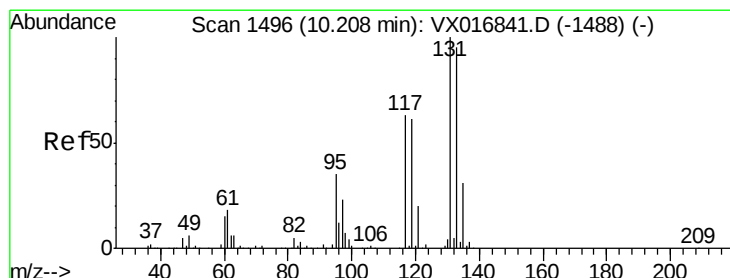
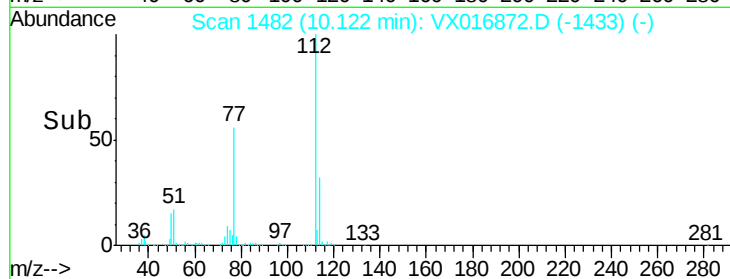
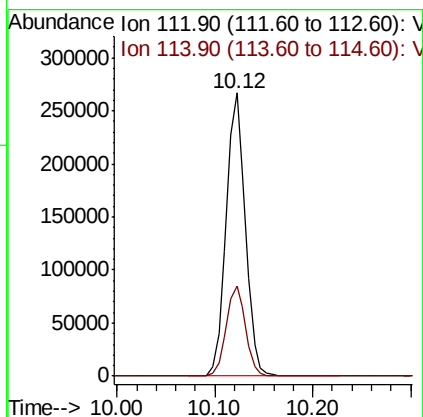
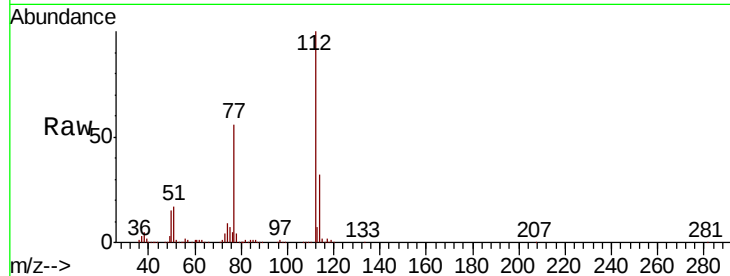




#65
Chlorobenzene
Concen: 52.685 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

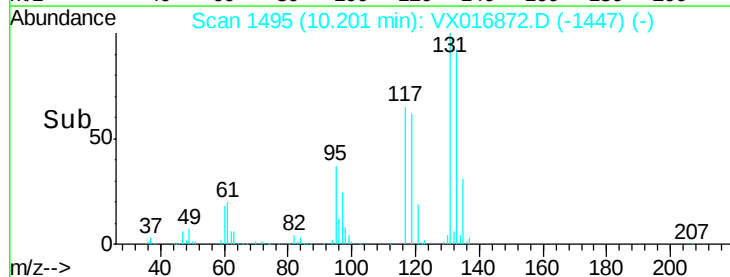
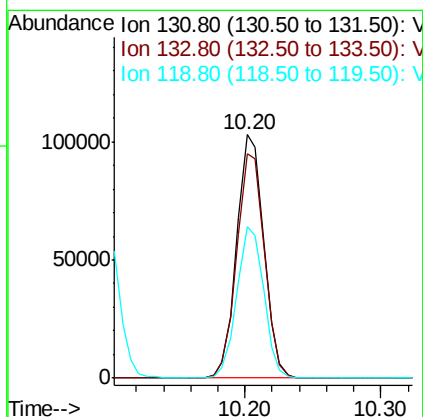
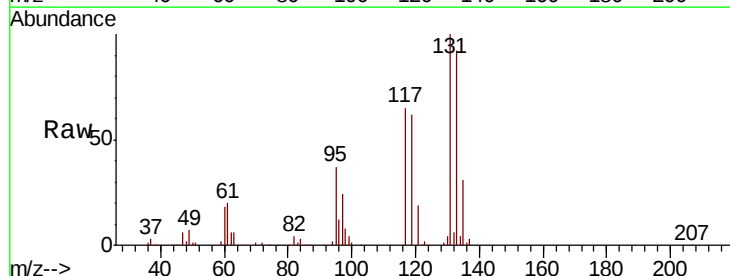
Instrument :
MSVOA_X
ClientSampleId :
BFB13

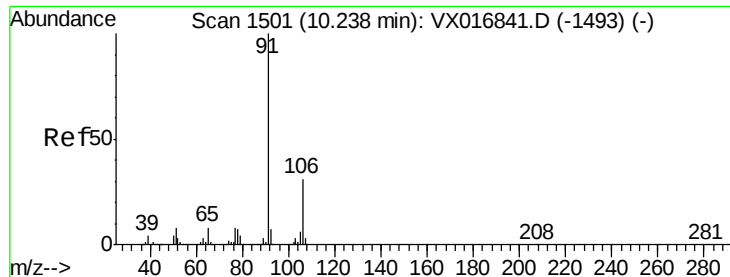
Tot Ion:112 Resp: 363107
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.443 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion:131 Resp: 142751
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 62.4 30.8 92.4

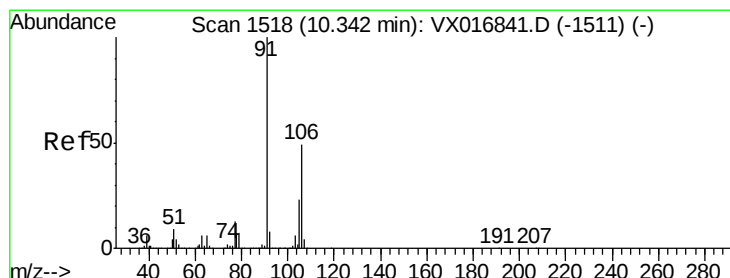
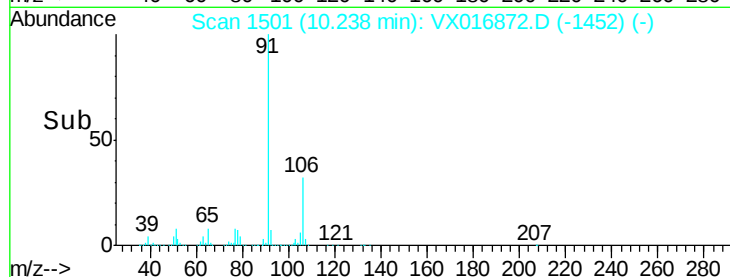
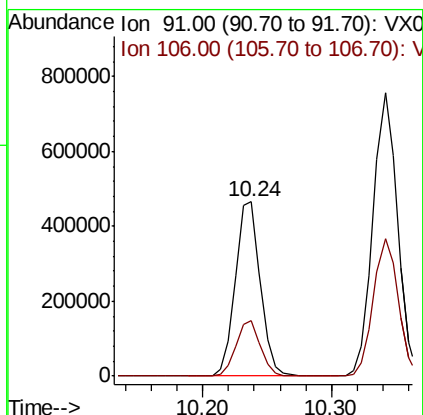
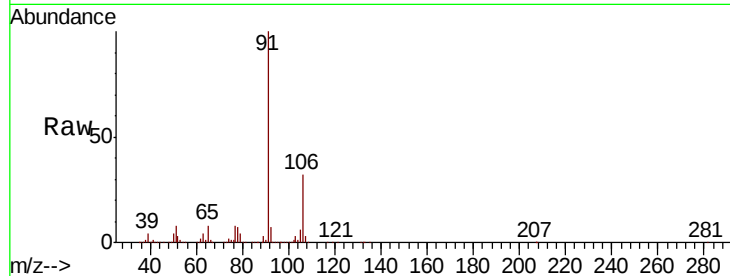




#67
Ethyl Benzene
Concen: 54.300 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

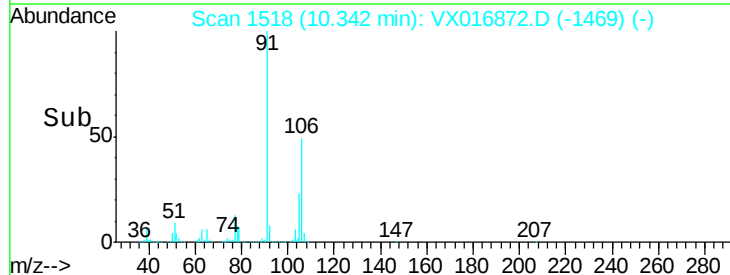
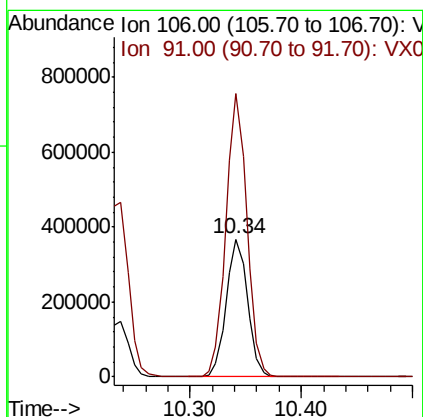
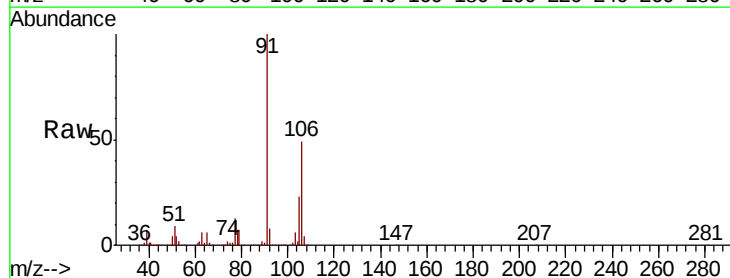
Instrument :
MSVOA_X
ClientSampleId :
BFB13

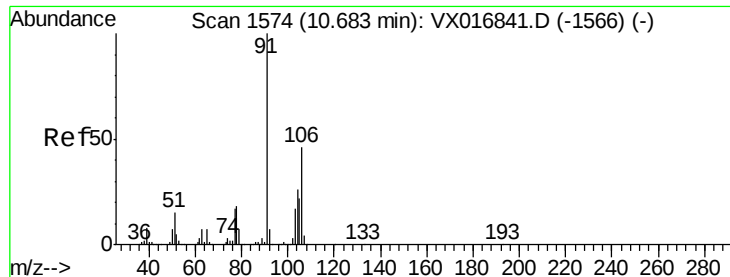
Tot Ion: 91 Resp: 631429
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 108.160 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 106 Resp: 489427
Ion Ratio Lower Upper
106 100
91 201.8 161.5 242.3

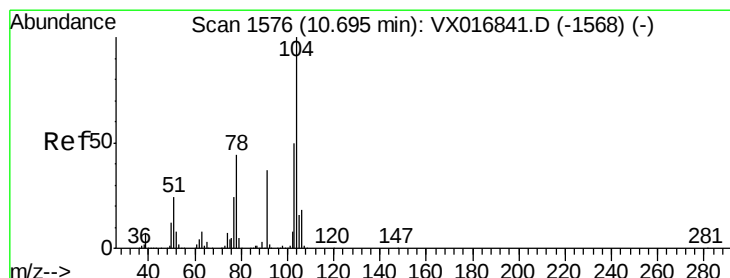
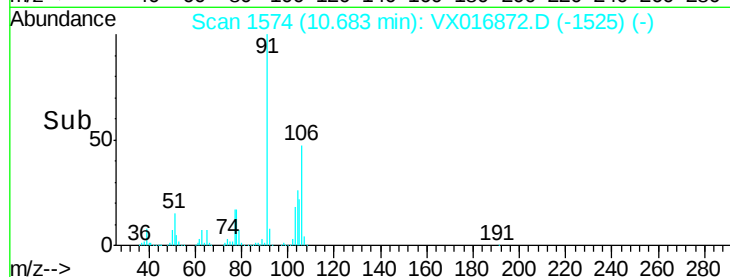
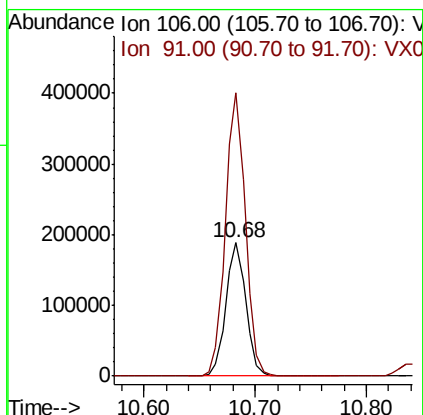
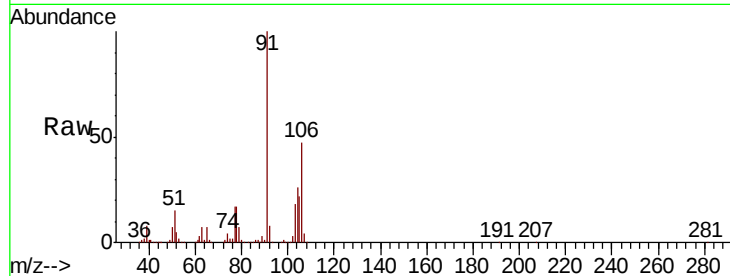




#69
o-Xylene
Concen: 55.816 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

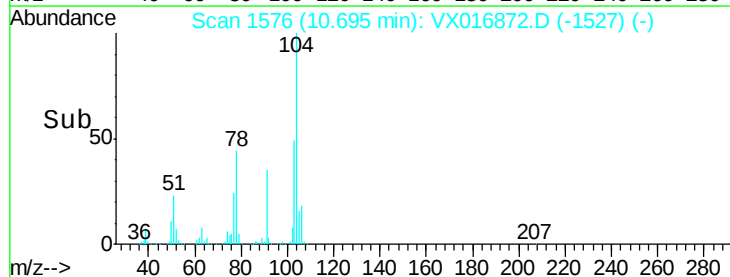
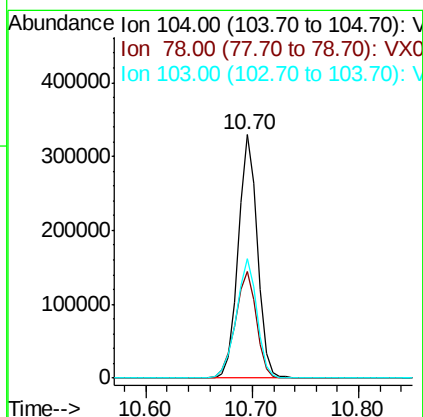
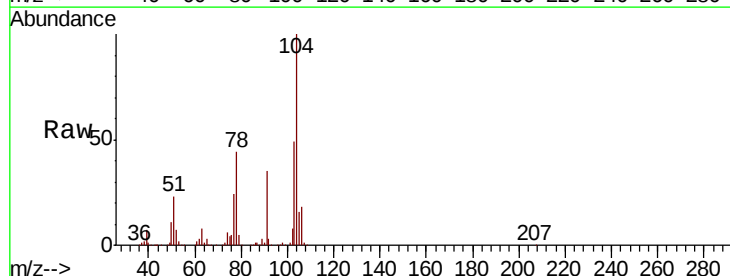
Instrument :
MSVOA_X
ClientSampled :
BFB13

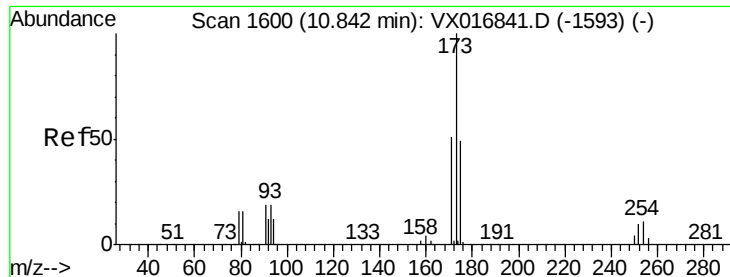
Tot Ion:106 Resp: 233538
Ion Ratio Lower Upper
106 100
91 213.1 107.9 323.7



#70
Styrene
Concen: 58.611 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion:104 Resp: 416678
Ion Ratio Lower Upper
104 100
78 48.5 39.6 59.4
103 53.1 43.3 64.9





#71

Bromoform

Concen: 54.982 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

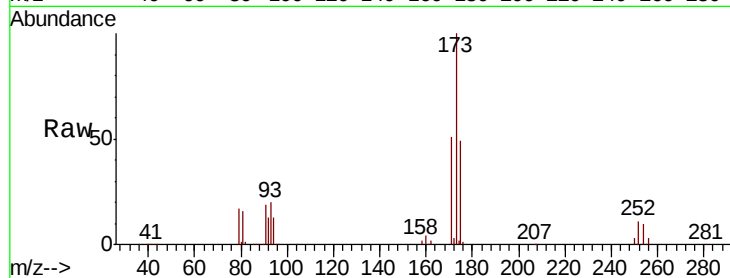
Tot Ion:173 Resp: 123475

Ion Ratio Lower Upper

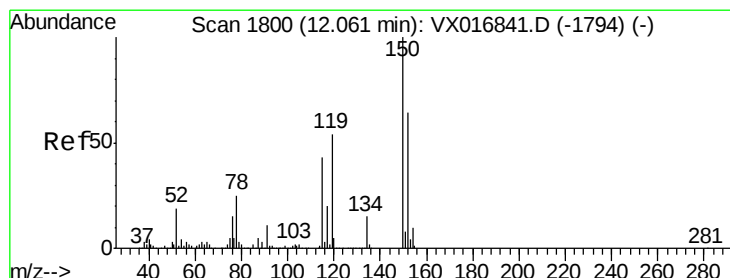
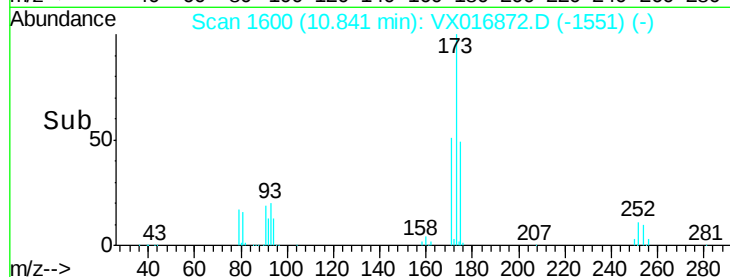
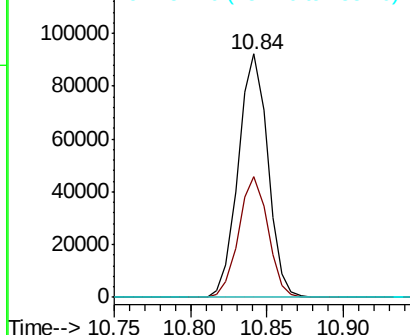
173 100

175 49.3 24.3 73.0

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: VX016872.D

Acq: 19 Jun 2020 12:12

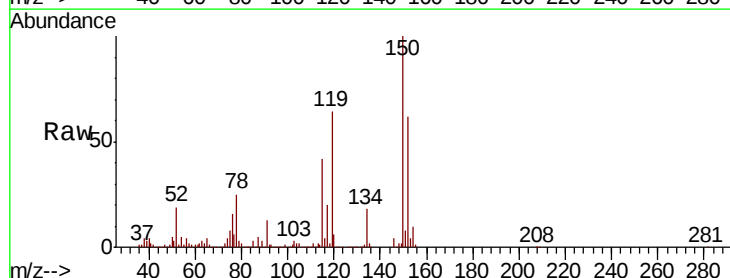
Tgt Ion:152 Resp: 223645

Ion Ratio Lower Upper

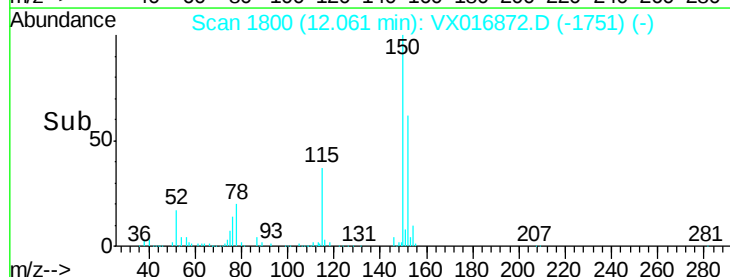
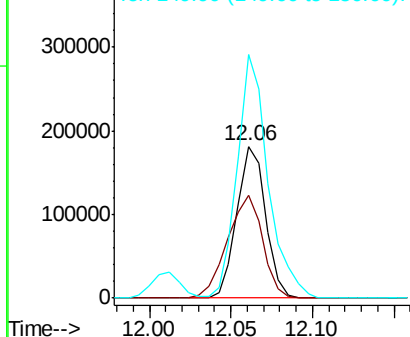
152 100

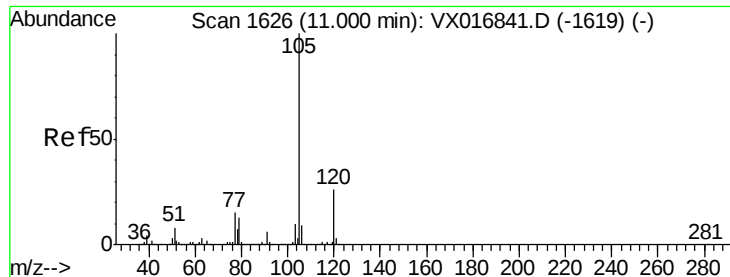
115 82.2 40.9 122.8

150 171.9 0.0 344.2



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: 44.674 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

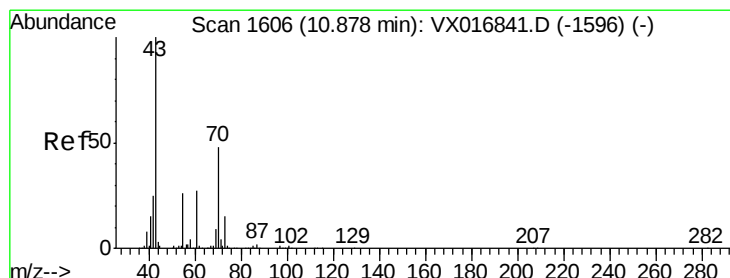
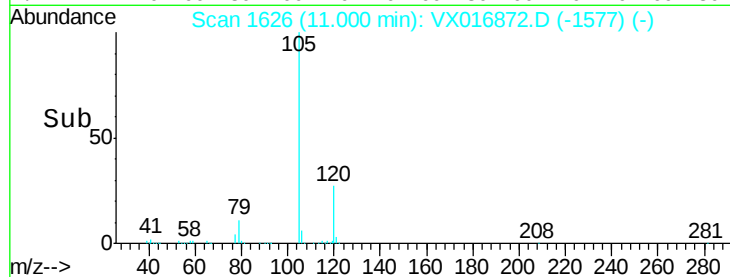
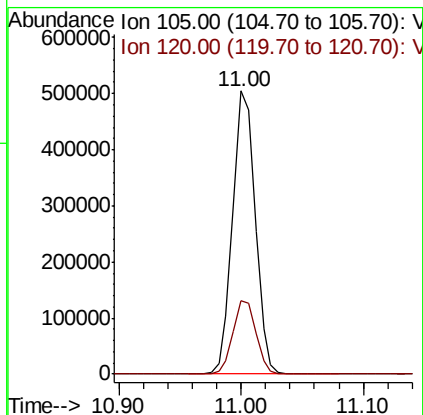
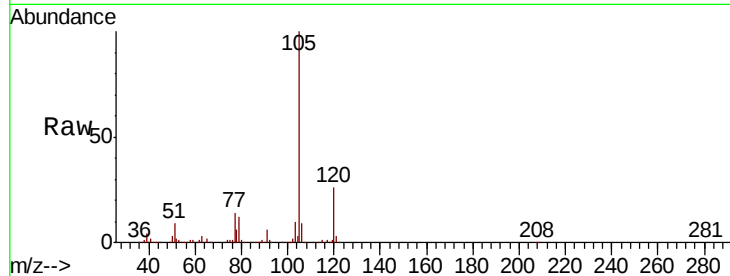
BFB13

Tot Ion:105 Resp: 643276

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 46.009 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion: 43 Resp: 231342

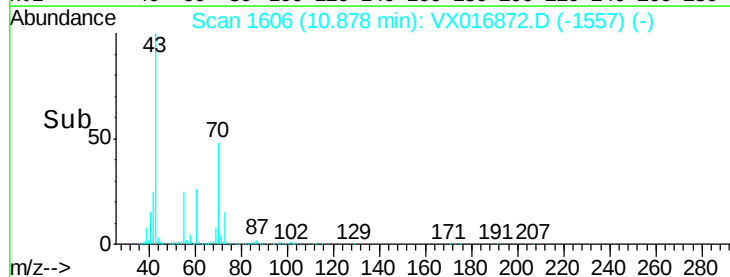
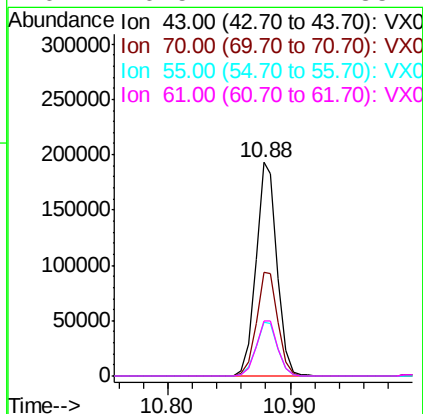
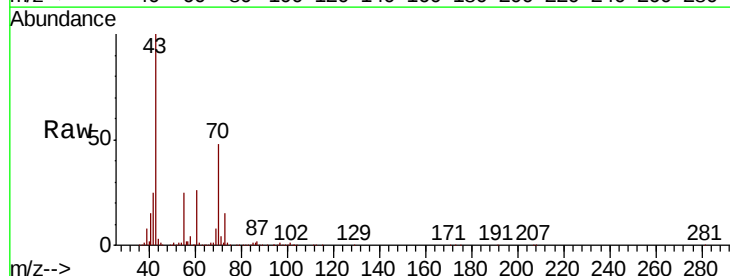
Ion Ratio Lower Upper

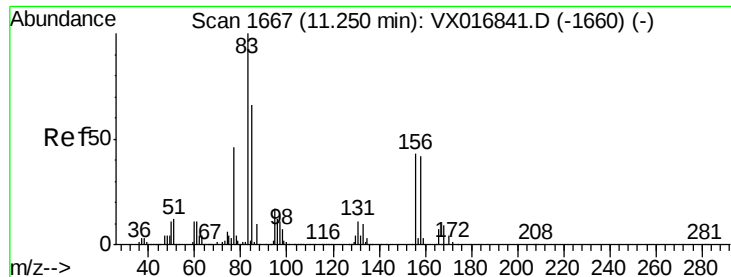
43 100

70 49.5 39.9 59.9

55 26.3 21.8 32.6

61 26.5 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 40.778 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

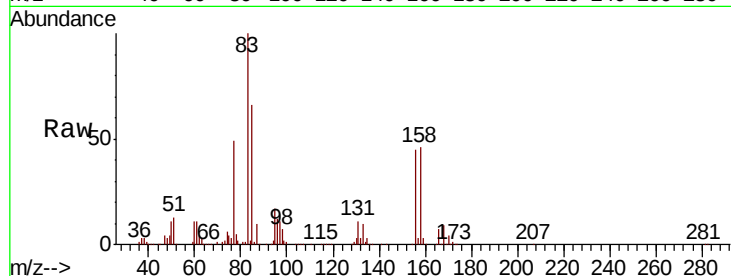
Tot Ion: 83 Resp: 165802

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

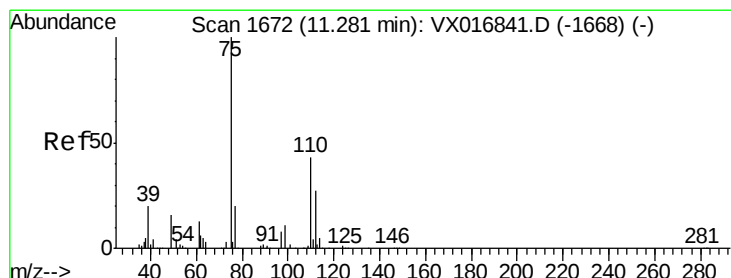
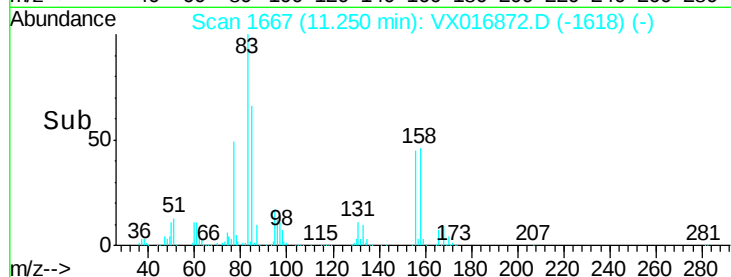
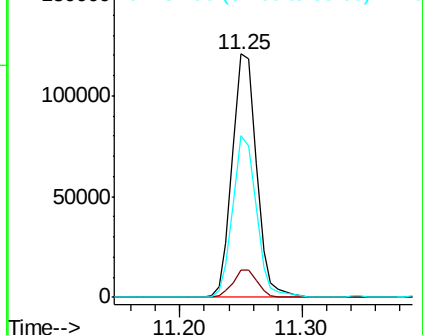
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.265 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016872.D

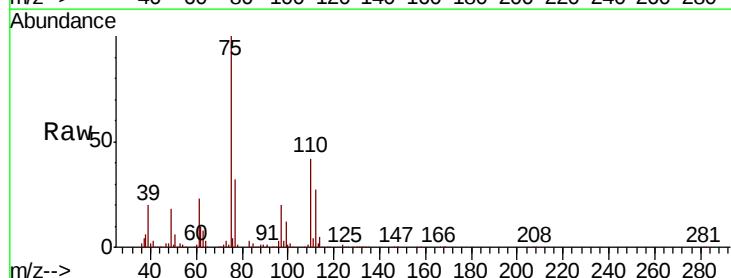
Acq: 19 Jun 2020 12:12

Tgt Ion: 75 Resp: 225729

Ion Ratio Lower Upper

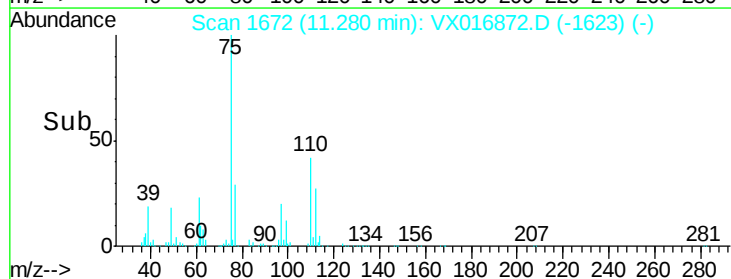
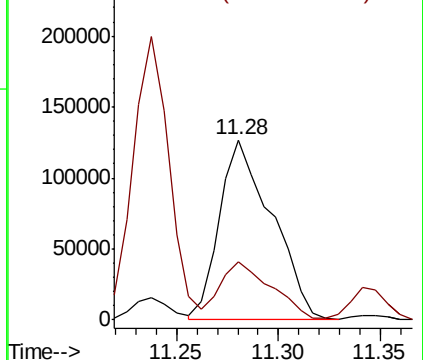
75 100

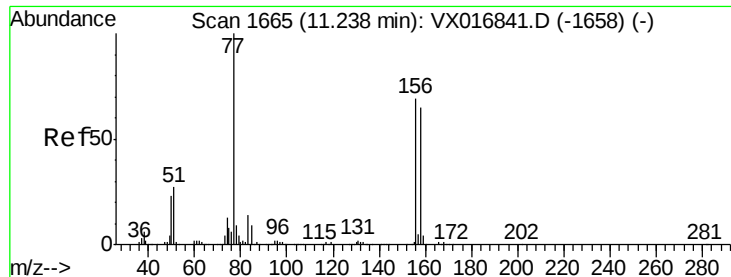
77 31.8 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.923 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

BFB13

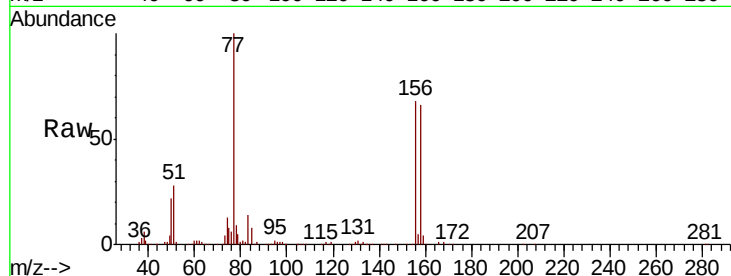
Tot Ion:156 Resp: 168562

Ion Ratio Lower Upper

156 100

77 146.4 73.4 220.2

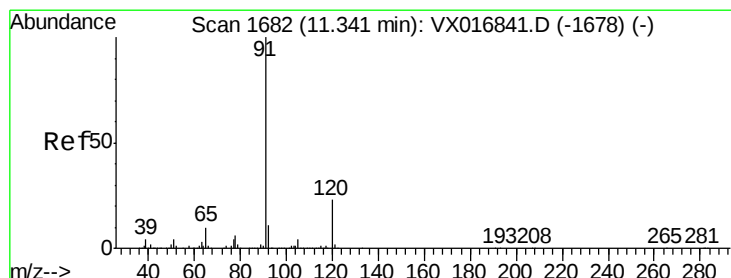
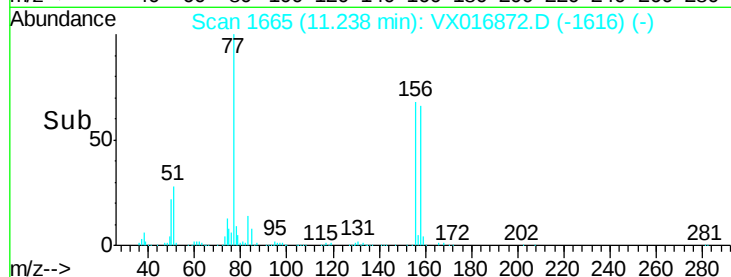
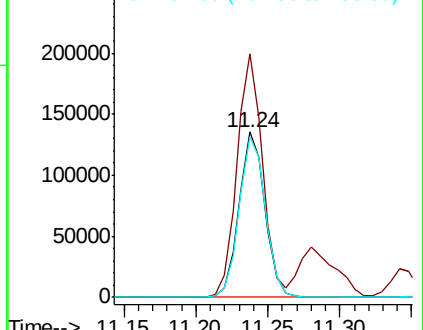
158 98.3 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.718 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016872.D

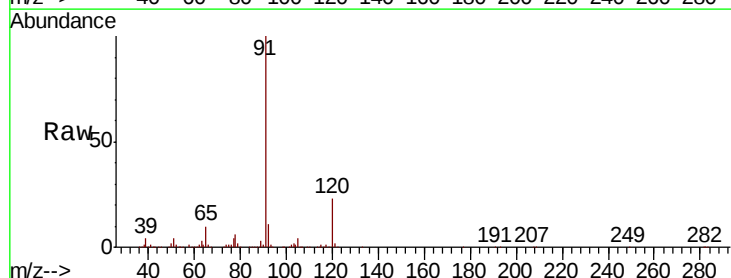
Acq: 19 Jun 2020 12:12

Tgt Ion: 91 Resp: 718619

Ion Ratio Lower Upper

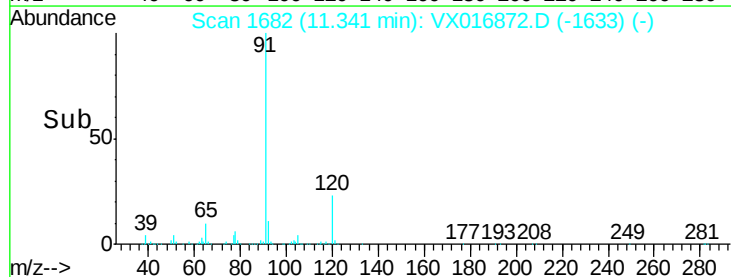
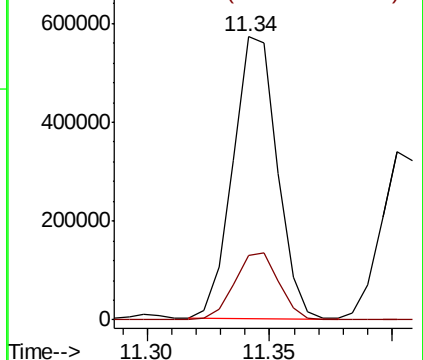
91 100

120 24.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

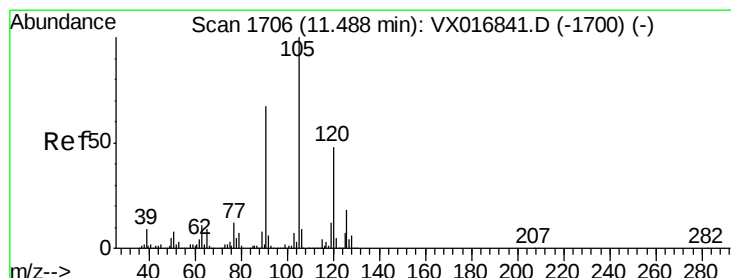
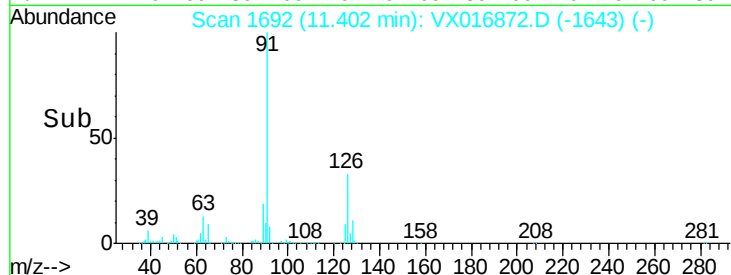
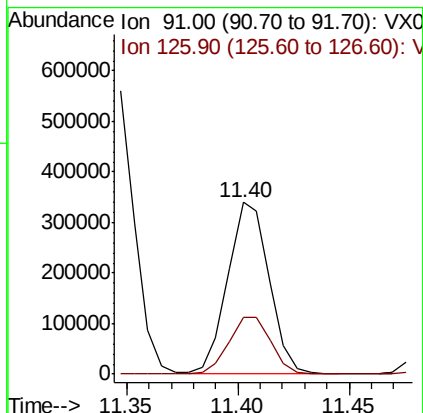
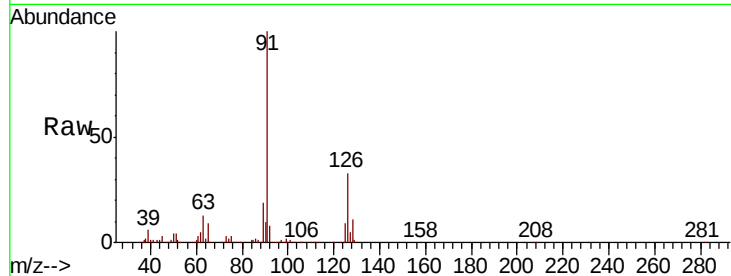




#79
 2-Chlorotoluene
 Concen: 44.496 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

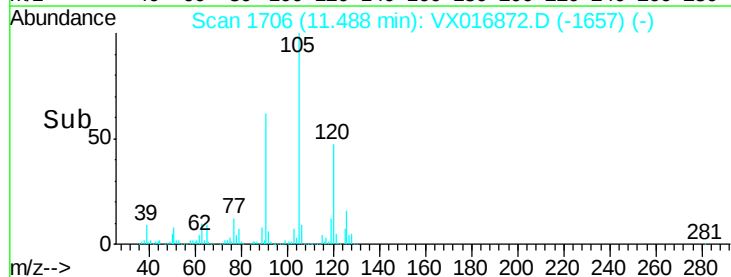
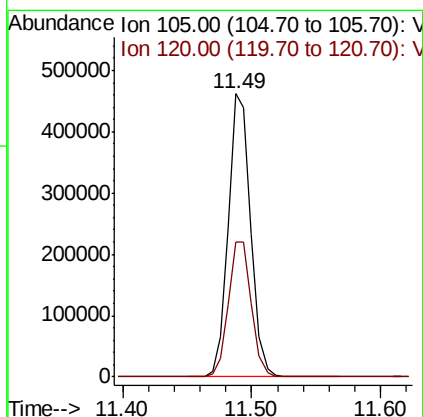
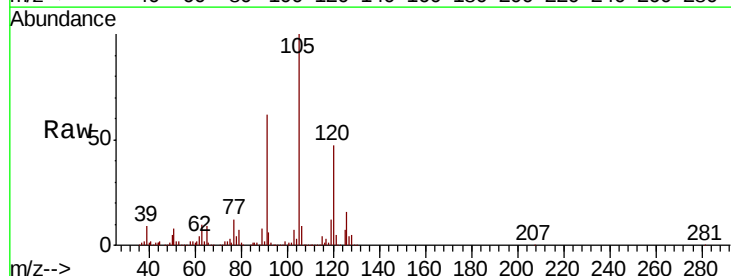
Instrument :
 MSVOA_X
 ClientSampled :
 BFB13

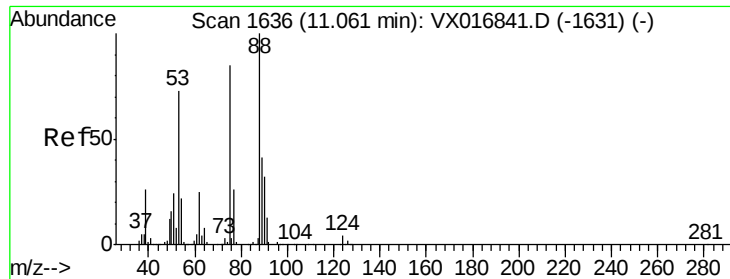
Tot Ion: 91 Resp: 437495
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 45.298 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion: 105 Resp: 562778
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 40.875 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

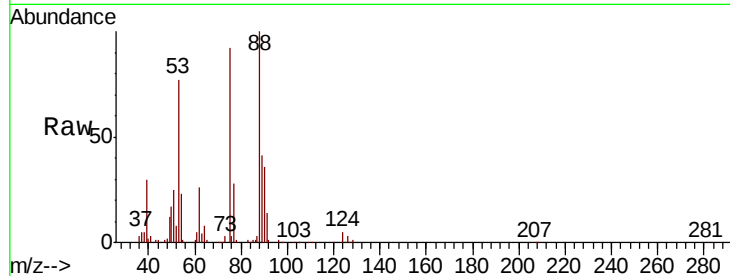
Tot Ion: 75 Resp: 68177

Ion Ratio Lower Upper

75 100

53 87.7 69.8 104.8

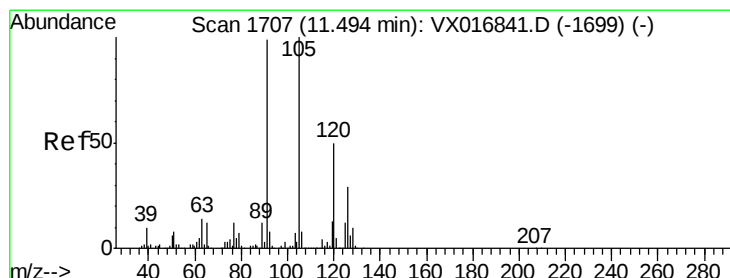
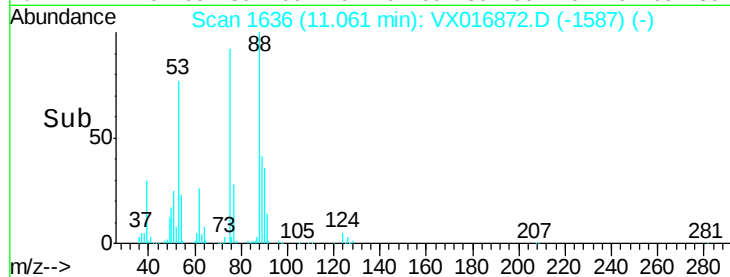
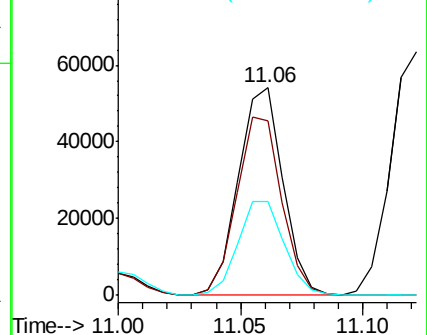
89 47.7 38.3 57.5



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: 44.702 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016872.D

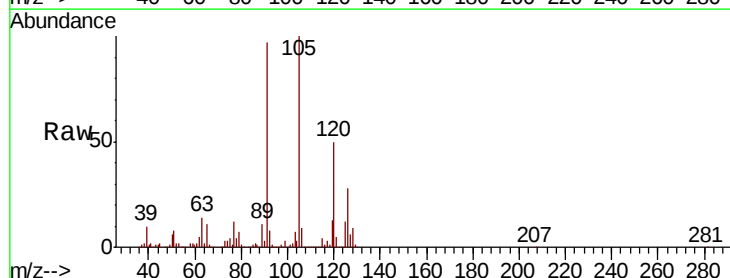
Acq: 19 Jun 2020 12:12

Tgt Ion: 91 Resp: 527299

Ion Ratio Lower Upper

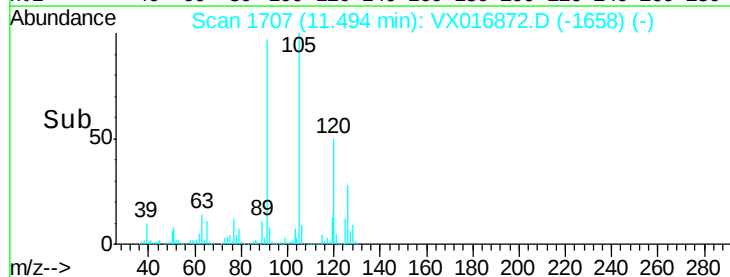
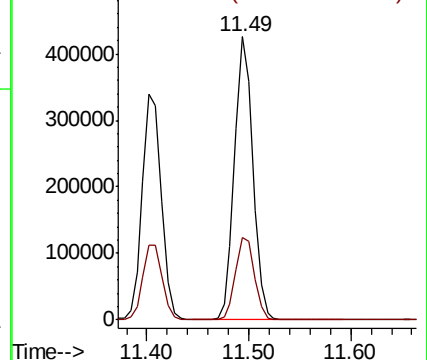
91 100

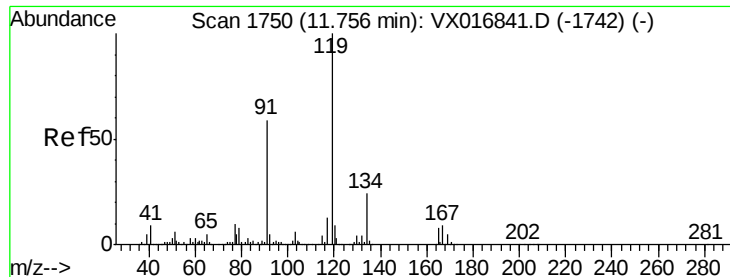
126 29.9 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

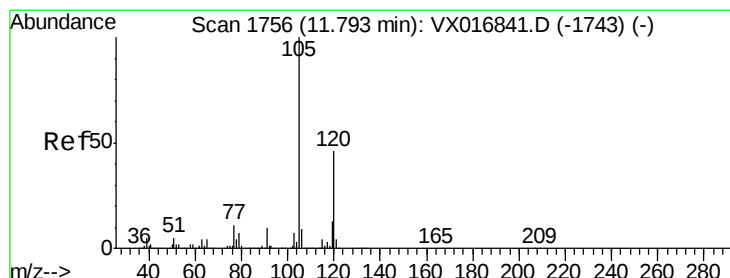
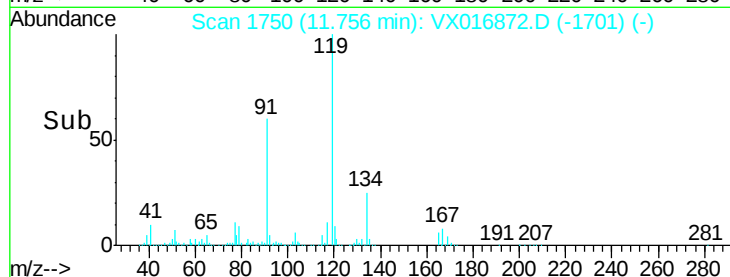
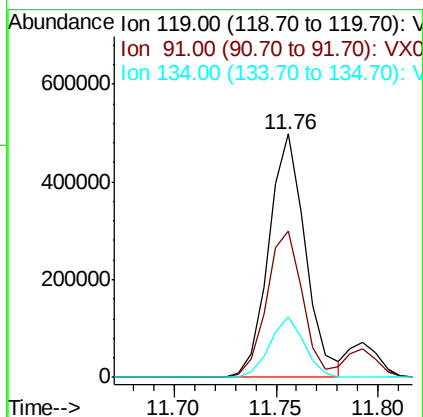
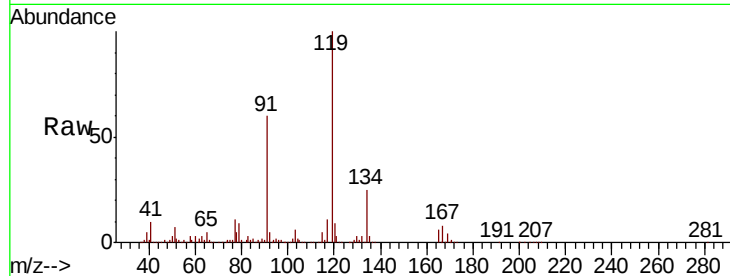




#83
 tert-Butylbenzene
 Concen: 50.469 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

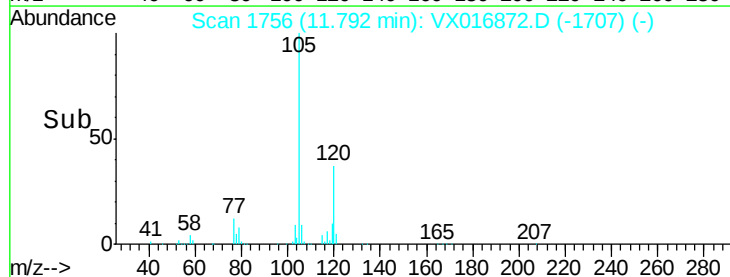
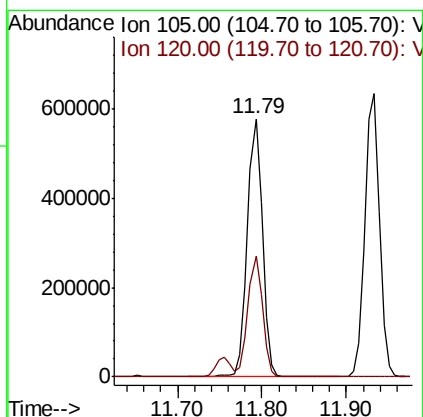
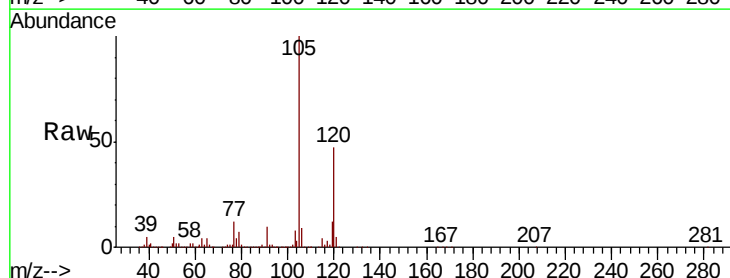
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

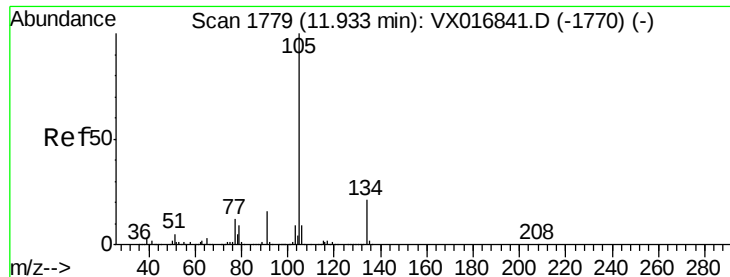
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	28.5	85.5
134	23.6	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.580 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9

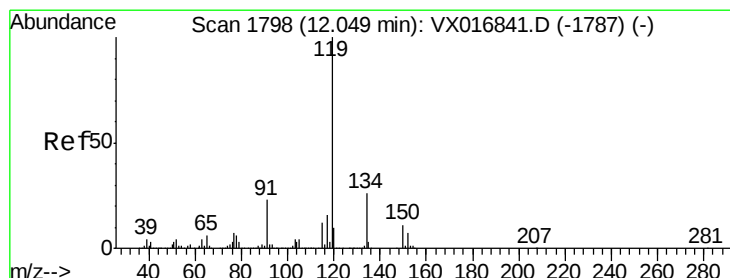
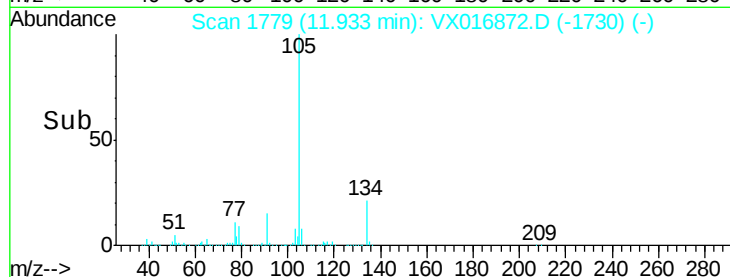
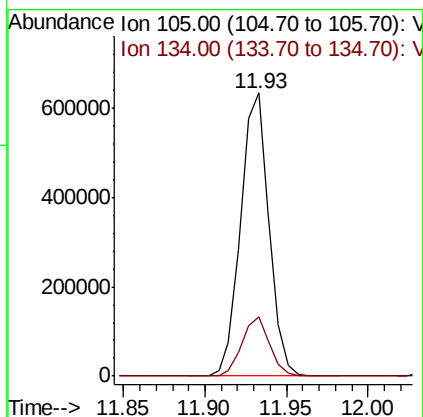
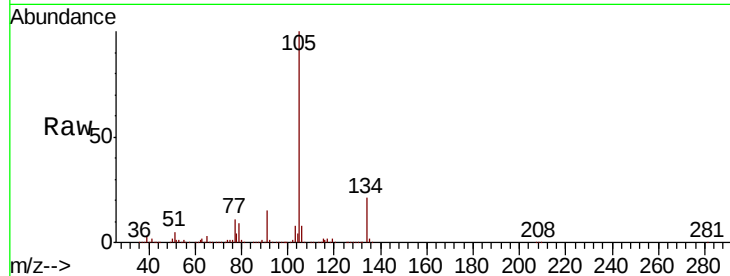




#85
 sec-Butylbenzene
 Concen: 53.613 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

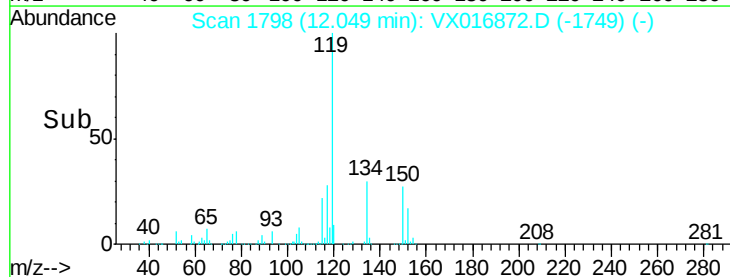
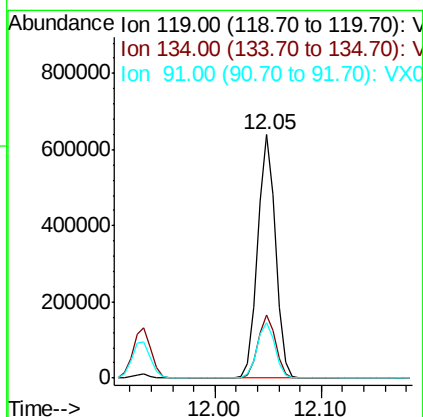
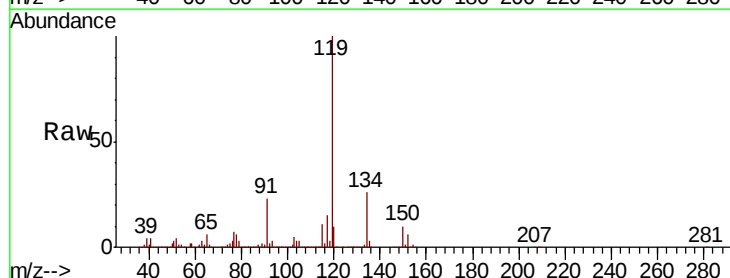
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB13

Tot Ion:105 Resp: 765397
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 57.371 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion:119 Resp: 750444
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.955 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

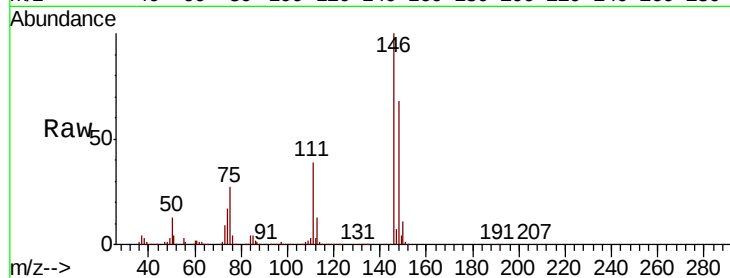
Tot Ion:146 Resp: 372760

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

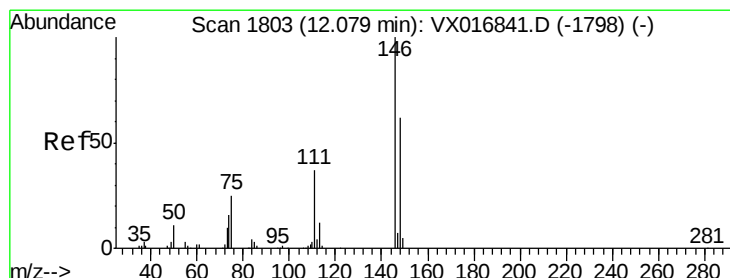
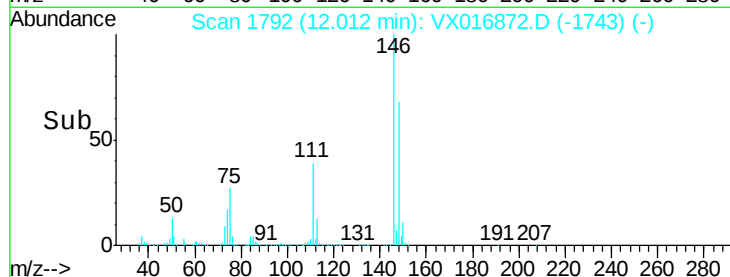
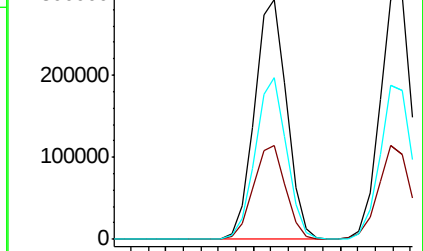
148 65.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.782 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

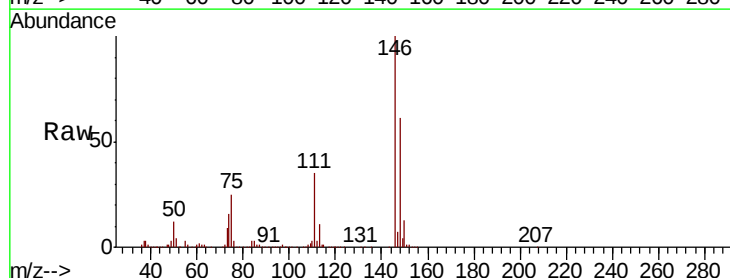
Tgt Ion:146 Resp: 375729

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

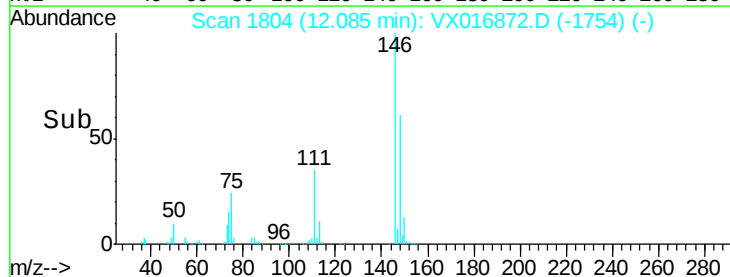
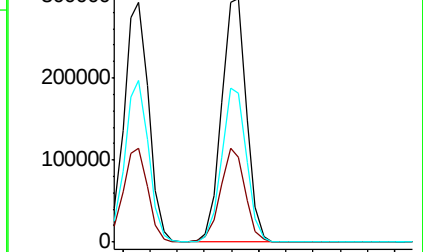
148 62.9 31.6 95.0

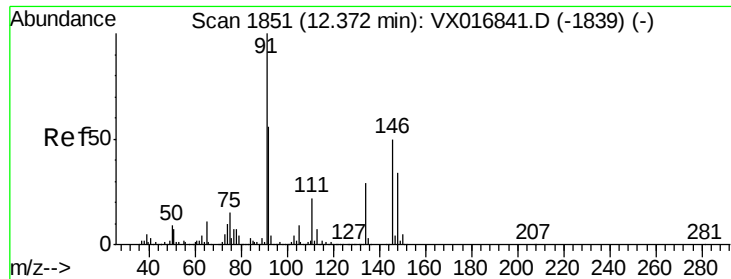


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

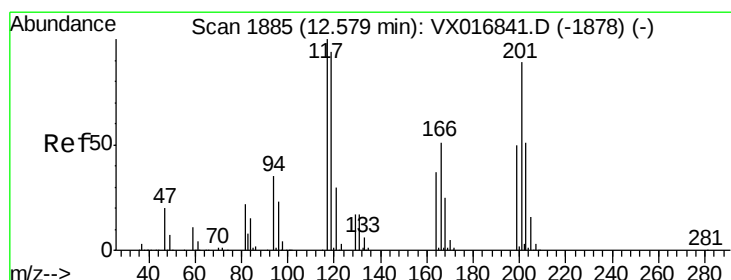
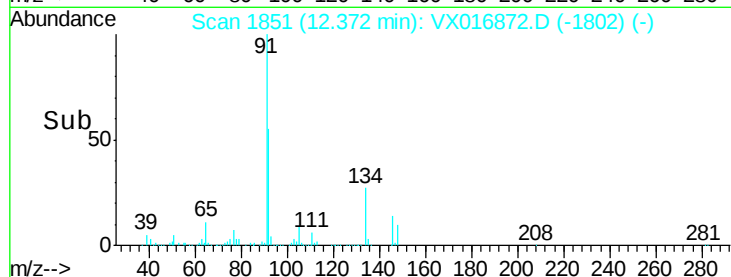
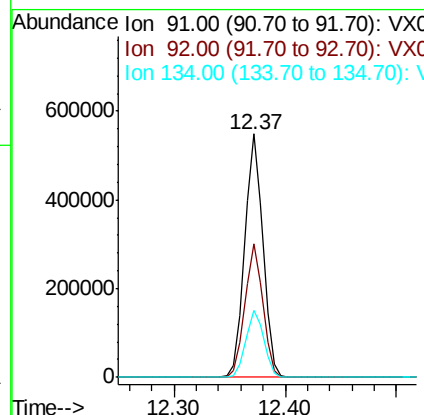
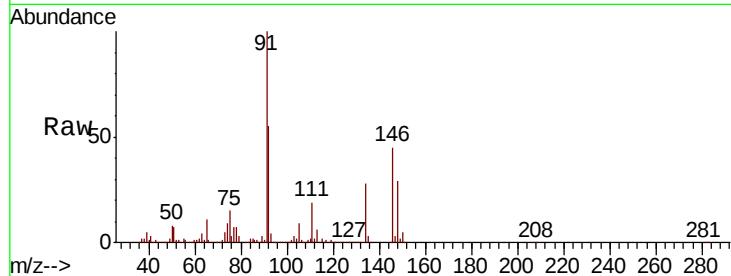




#89
n-Butylbenzene
Concen: 55.035 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

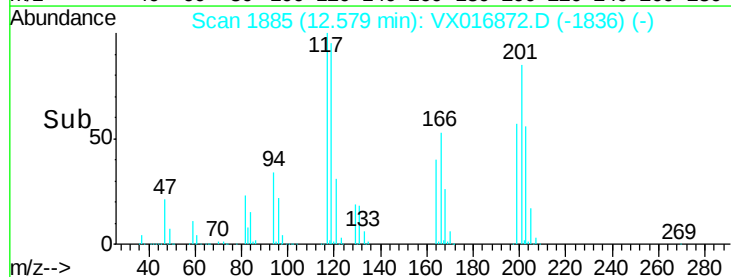
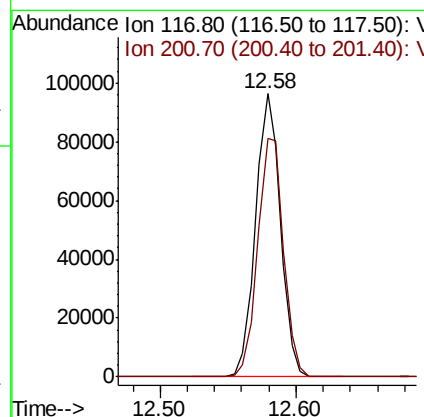
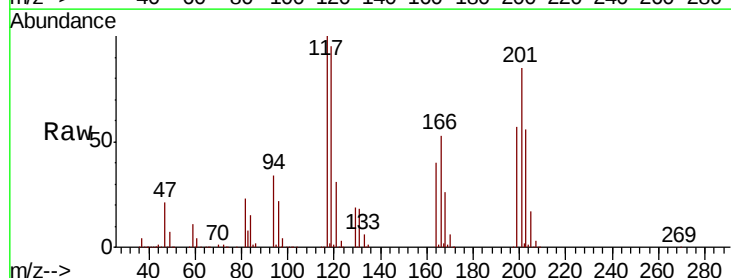
Instrument :
MSVOA_X
ClientSampleId :
BFB13

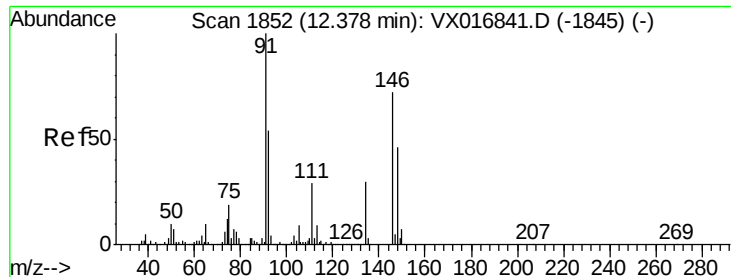
Tot Ion: 91 Resp: 617321
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 52.493 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 117 Resp: 123688
Ion Ratio Lower Upper
117 100
201 87.9 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 49.265 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

BFB13

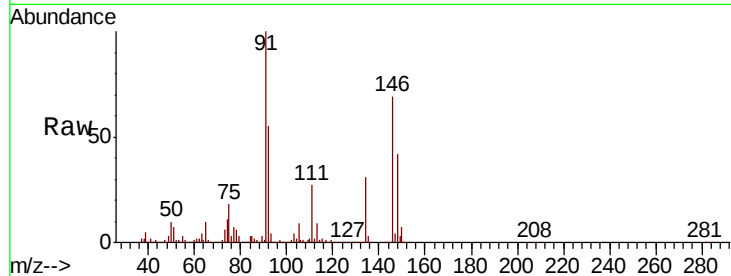
Tot Ion:146 Resp: 341225

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

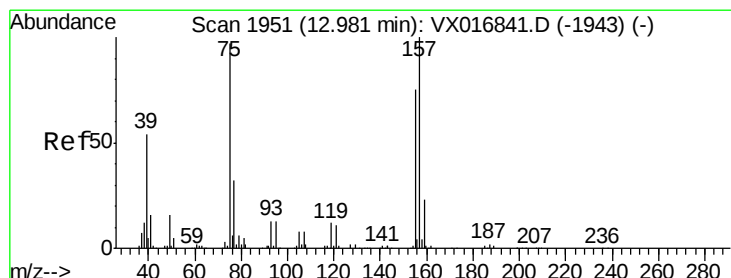
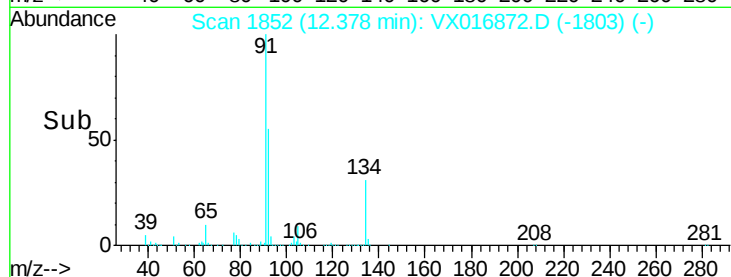
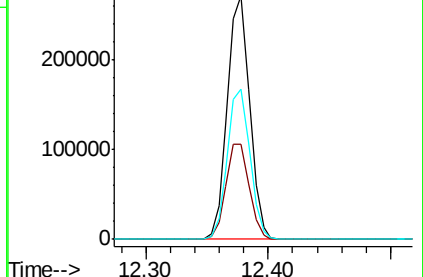
148 62.5 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.394 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

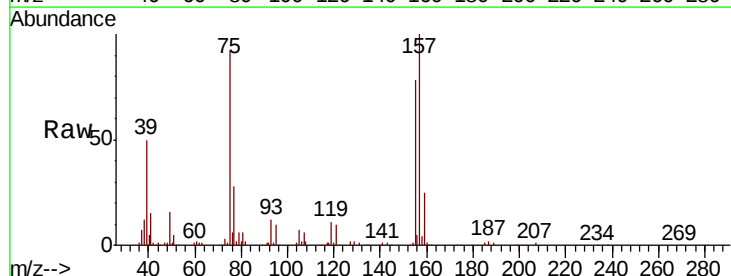
Tgt Ion: 75 Resp: 47620

Ion Ratio Lower Upper

75 100

155 91.0 46.4 139.1

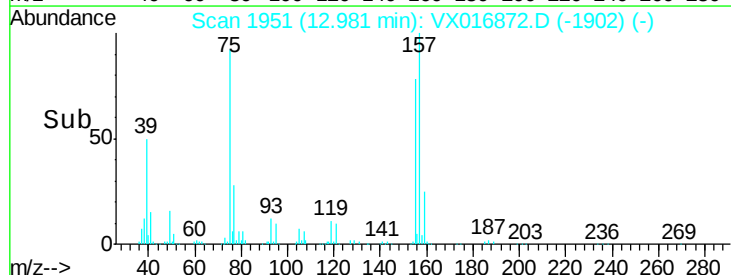
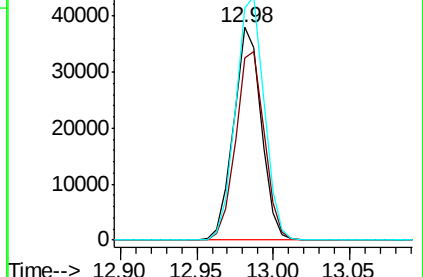
157 117.9 58.6 175.8

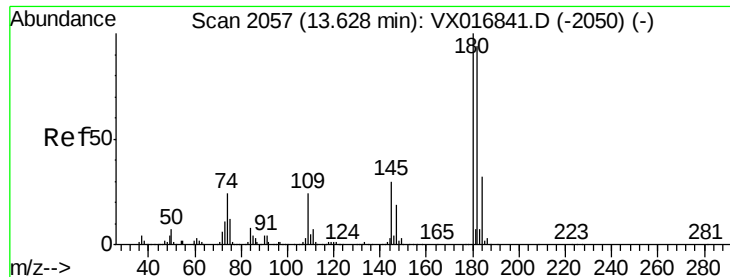


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

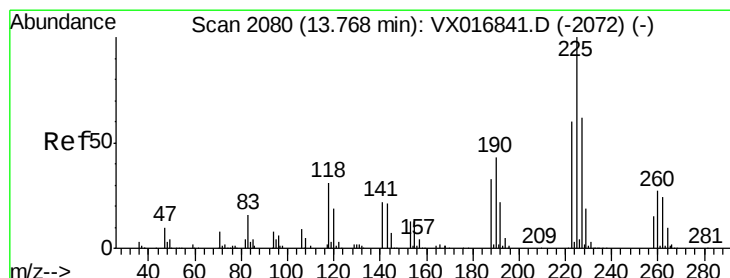
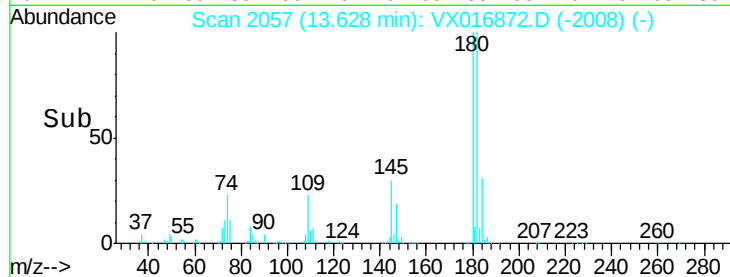
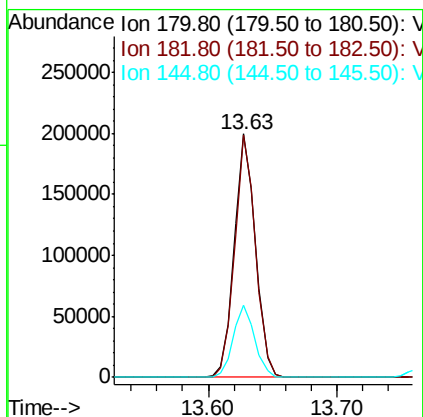
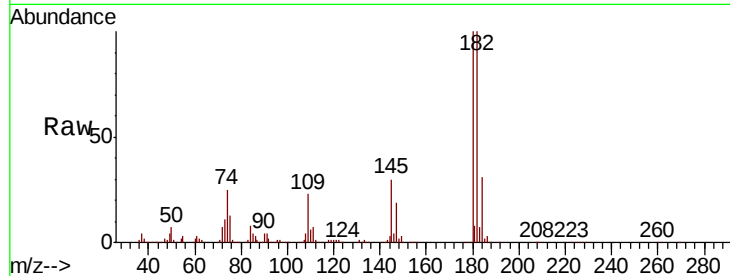




#93
 1,2,4-Trichlorobenzene
 Concen: 49.251 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

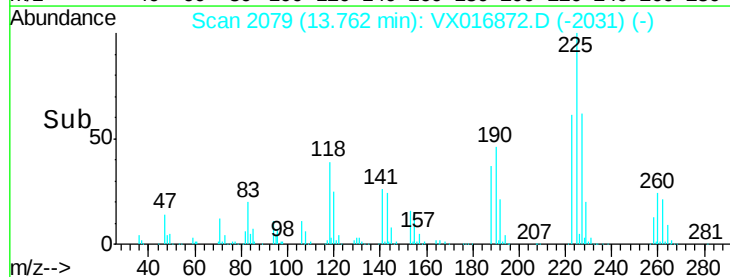
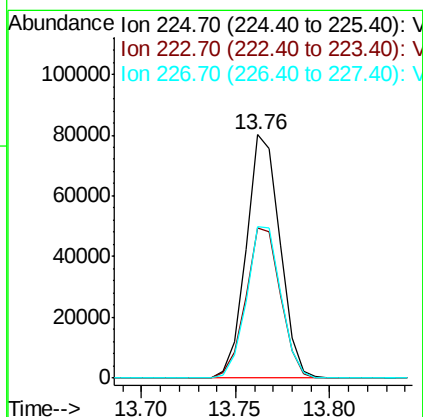
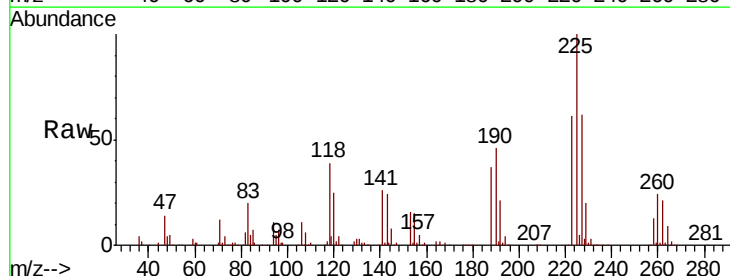
Instrument :
 MSVOA_X
 ClientSampled :
 BFB13

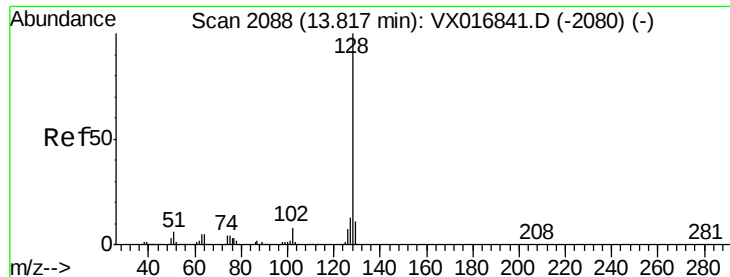
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.7	143.1
145	30.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 47.349 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.5
227	63.4	32.3	96.8

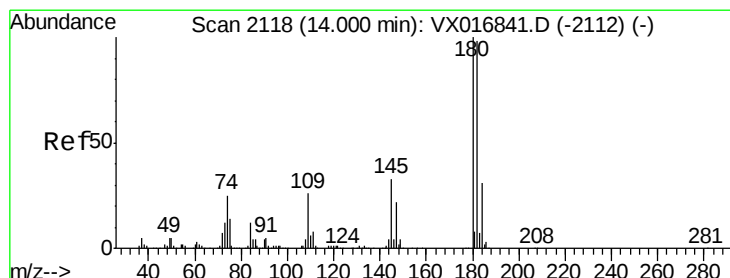
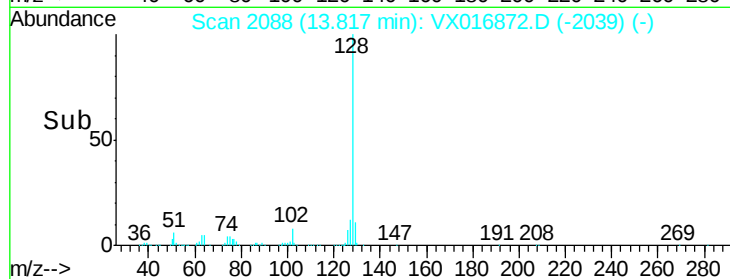
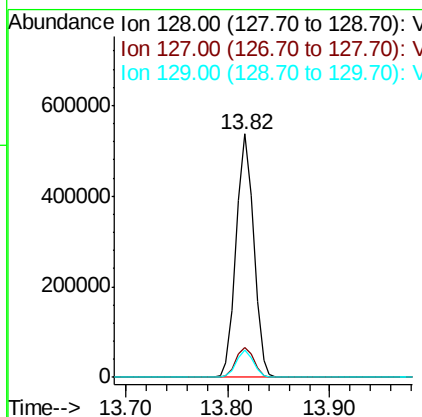
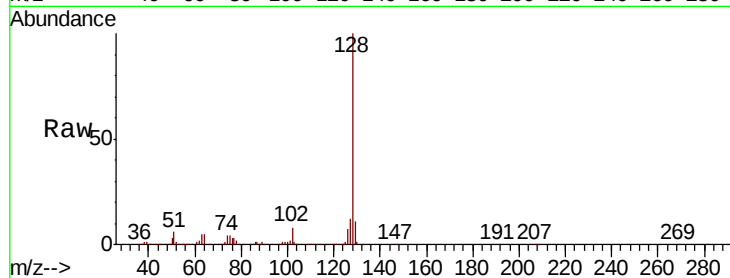




#95
Naphthalene
Concen: 46.395 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
BFB13

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.586 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	32.3	16.0	48.0

