

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016664.D
 Acq On : 10 Jun 2020 10:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 11 02:58:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	223382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	324312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	308750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	159048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	128880	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	5.46	113	104647	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	8.70	98	390233	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	152524	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	92839	42.23	ug/l	95
3) Chloromethane	1.31	50	102236	38.48	ug/l	98
4) Vinyl Chloride	1.39	62	115646	41.16	ug/l	99
5) Bromomethane	1.62	94	64039	46.88	ug/l	98
6) Chloroethane	1.70	64	74329	45.36	ug/l	99
7) Trichlorofluoromethane	1.91	101	183637	49.77	ug/l	99
8) Diethyl Ether	2.17	74	72140	46.89	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	102545	50.50	ug/l	99
10) Methyl Iodide	2.48	142	112540	46.61	ug/l	99
11) Tert butyl alcohol	3.02	59	156307	219.73	ug/l	100
12) 1,1-Dichloroethene	2.35	96	100669	46.84	ug/l	100
13) Acrolein	2.27	56	65306	215.81	ug/l	99
14) Allyl chloride	2.70	41	162945	41.22	ug/l	97
15) Acrylonitrile	3.11	53	322717	221.46	ug/l	100
16) Acetone	2.42	43	267409	220.02	ug/l	100
17) Carbon Disulfide	2.54	76	256197	40.14	ug/l	99
18) Methyl Acetate	2.75	43	146385	46.96	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	374148	48.48	ug/l	97
20) Methylene Chloride	2.83	84	115626	45.98	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	106911	44.97	ug/l	91
22) Diisopropyl ether	3.82	45	325442	42.86	ug/l	93
23) Vinyl Acetate	3.78	43	1436668	216.15	ug/l	95
24) 1,1-Dichloroethane	3.67	63	191317	44.64	ug/l	99
25) 2-Butanone	4.63	43	432937	210.22	ug/l	95
26) 2,2-Dichloropropane	4.54	77	178315	50.84	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	126096	45.85	ug/l	97
28) Bromochloromethane	4.97	49	82330	41.34	ug/l	84
29) Tetrahydrofuran	5.09	42	277444	208.53	ug/l	94
30) Chloroform	5.17	83	207535	48.06	ug/l	100
31) Cyclohexane	5.54	56	153693	39.86	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	188435	48.20	ug/l	98
36) 1,1-Dichloropropene	5.76	75	146816	47.81	ug/l	97
37) Ethyl Acetate	4.79	43	163399	44.32	ug/l	97
38) Carbon Tetrachloride	5.75	117	171250	53.07	ug/l	99

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Quant Time: Jun 11 02:58:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	163946	49.16	ug/l	98
40) Benzene	6.11	78	440866	48.21	ug/l	100
41) Methacrylonitrile	5.00	41	88736	43.82	ug/l	95
42) 1,2-Dichloroethane	6.16	62	165415	50.87	ug/l	100
43) Isopropyl Acetate	6.41	43	260798	45.35	ug/l	97
44) Trichloroethene	7.18	130	146793	50.60	ug/l	95
45) 1,2-Dichloropropane	7.49	63	111714	47.99	ug/l	98
46) Dibromomethane	7.63	93	80661	51.59	ug/l	95
47) Bromodichloromethane	7.87	83	171334	52.92	ug/l	100
48) Methyl methacrylate	7.74	41	125674	45.65	ug/l	95
49) 1,4-Dioxane	7.71	88	64696	1004.08	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	838676	234.23	ug/l	98
52) Toluene	8.76	92	290417	50.37	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195122	53.00	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	199404	51.17	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	122599	53.47	ug/l	95
56) Ethyl methacrylate	9.16	69	190372	50.98	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202459	51.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	477446	244.98	ug/l	95
59) 2-Hexanone	9.47	43	644609	231.51	ug/l	97
60) Dibromochloromethane	9.56	129	145032	56.21	ug/l	99
61) 1,2-Dibromoethane	9.65	107	129449	52.73	ug/l	98
64) Tetrachloroethene	9.32	164	178676	51.73	ug/l	98
65) Chlorobenzene	10.12	112	320328	50.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	129495	53.89	ug/l	98
67) Ethyl Benzene	10.23	91	560990	50.06	ug/l	99
68) m/p-Xylenes	10.34	106	429098	103.27	ug/l	99
69) o-Xylene	10.68	106	205634	51.10	ug/l	98
70) Styrene	10.70	104	366331	52.96	ug/l	99
71) Bromoform	10.84	173	115599	56.93	ug/l #	98
73) Isopropylbenzene	11.00	105	555408	50.40	ug/l	99
74) N-amyl acetate	10.88	43	216596	42.73	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	142865	51.73	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224176	64.12	ug/l	84
77) Bromobenzene	11.24	156	146849	50.81	ug/l	95
78) n-propylbenzene	11.34	91	621312	50.46	ug/l	99
79) 2-Chlorotoluene	11.40	91	375373	49.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	475645	51.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	69491	48.90	ug/l	98
82) 4-Chlorotoluene	11.49	91	444774	50.12	ug/l	99
83) tert-Butylbenzene	11.76	119	408914	52.01	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	474551	51.00	ug/l	100
85) sec-Butylbenzene	11.93	105	511965	51.91	ug/l	100
86) p-Isopropyltoluene	12.05	119	491096	53.15	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	256436	51.21	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	258730	50.52	ug/l	99
89) n-Butylbenzene	12.37	91	412162	53.56	ug/l	99
90) Hexachloroethane	12.58	117	83574	52.37	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	253285	52.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44432	49.67	ug/l	99

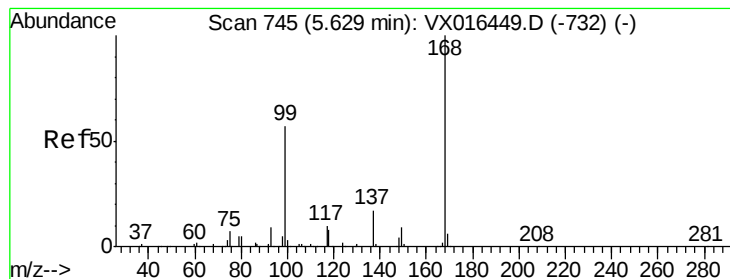
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	179181	55.61	ug/l	100
94) Hexachlorobutadiene	13.77	225	81309	64.27	ug/l	100
95) Naphthalene	13.82	128	574622	52.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	177901	56.36	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

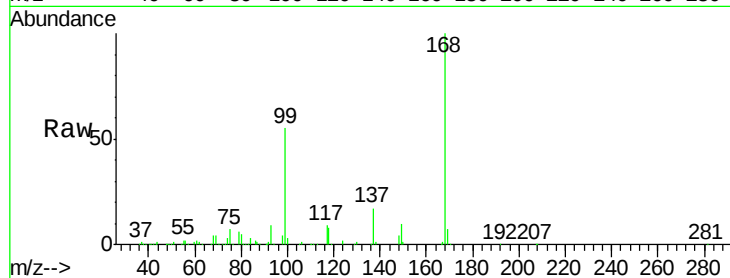
BFB

Tgt Ion:168 Resp: 223382

Ion Ratio Lower Upper

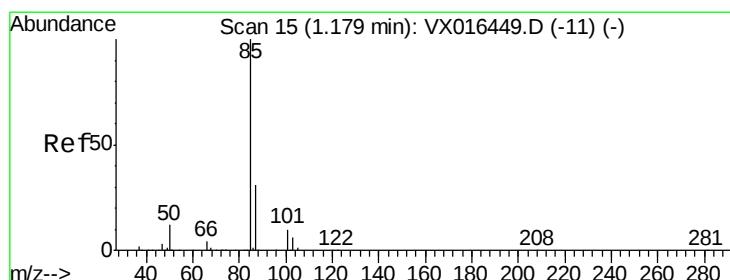
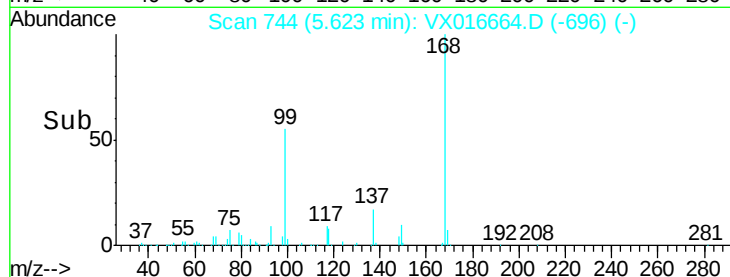
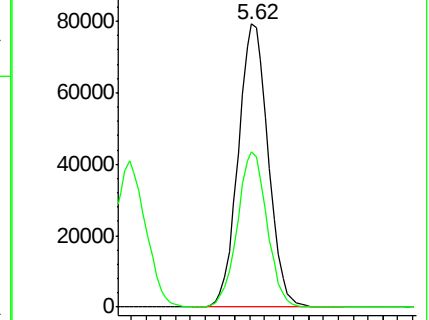
168 100

99 54.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.23 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016664.D

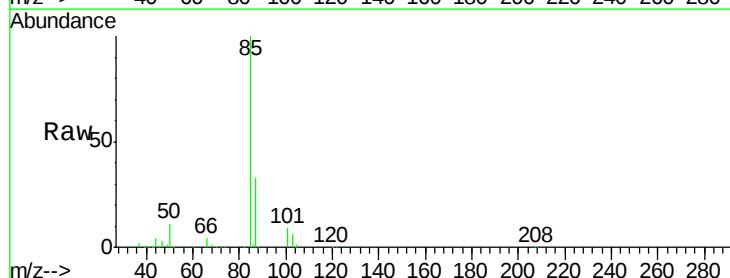
Acq: 10 Jun 2020 10:52

Tgt Ion: 85 Resp: 92839

Ion Ratio Lower Upper

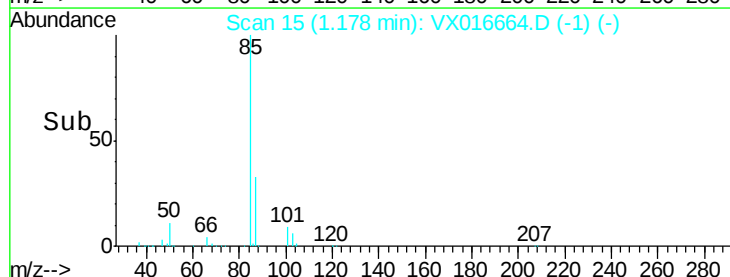
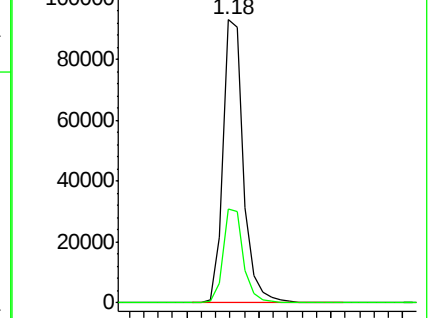
85 100

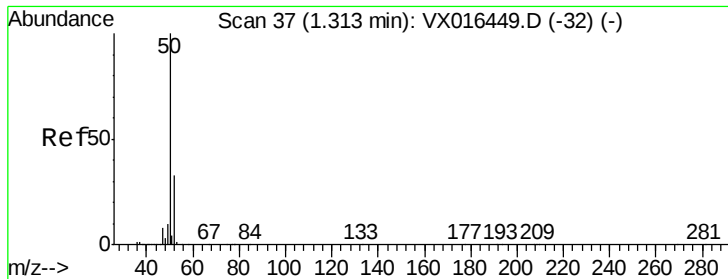
87 33.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.48 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

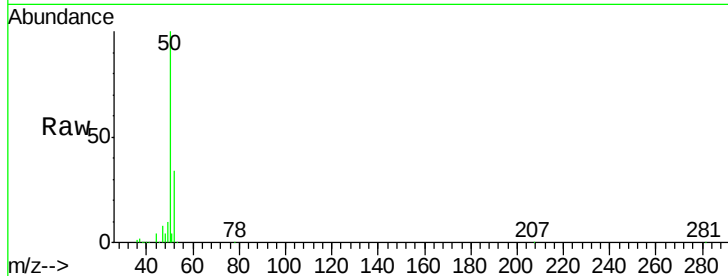
BFB

Tgt Ion: 50 Resp: 102236

Ion Ratio Lower Upper

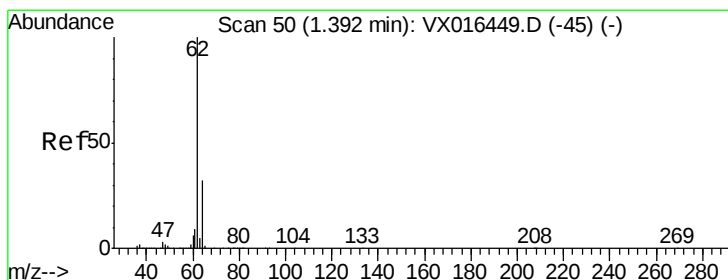
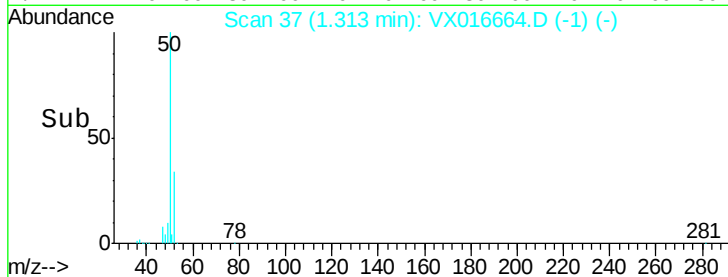
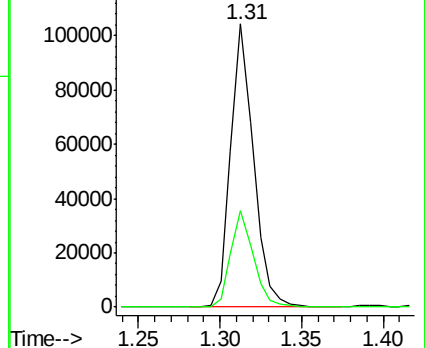
50 100

52 34.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.16 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016664.D

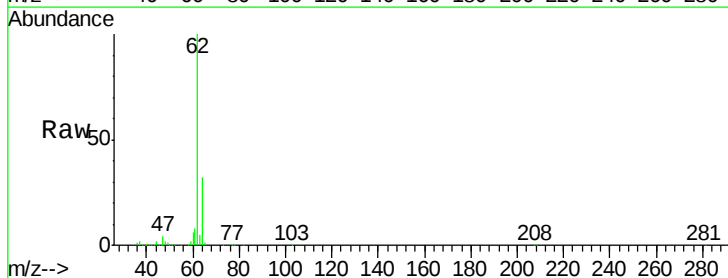
Acq: 10 Jun 2020 10:52

Tgt Ion: 62 Resp: 115646

Ion Ratio Lower Upper

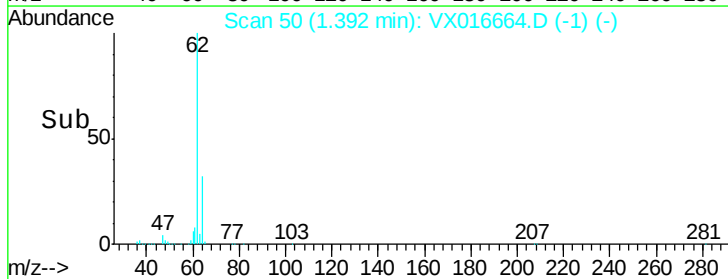
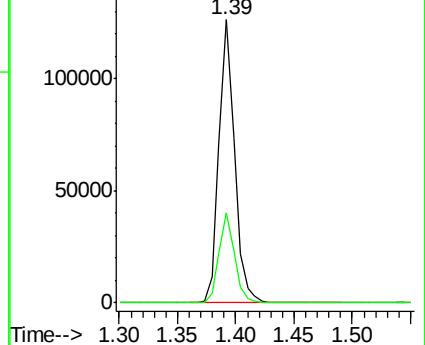
62 100

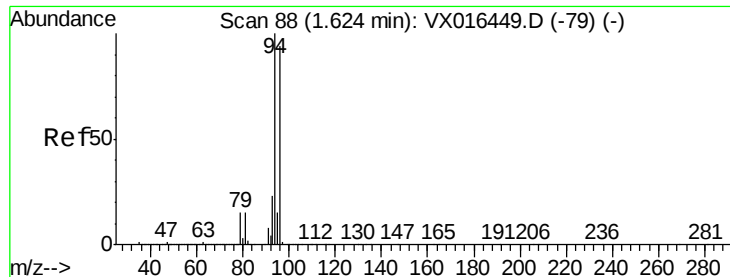
64 31.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.88 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

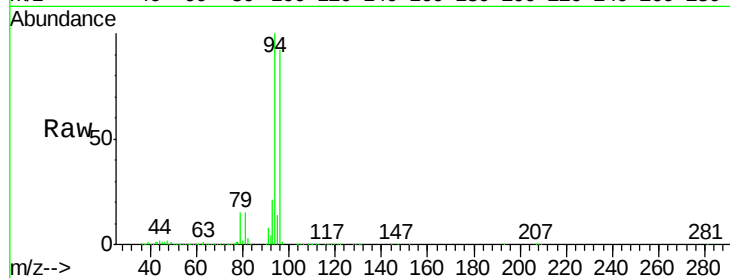
BFB

Tgt Ion: 94 Resp: 64039

Ion Ratio Lower Upper

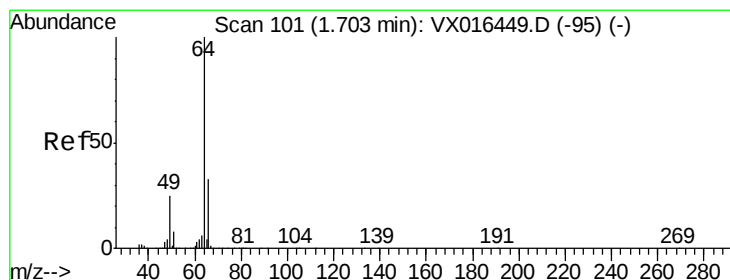
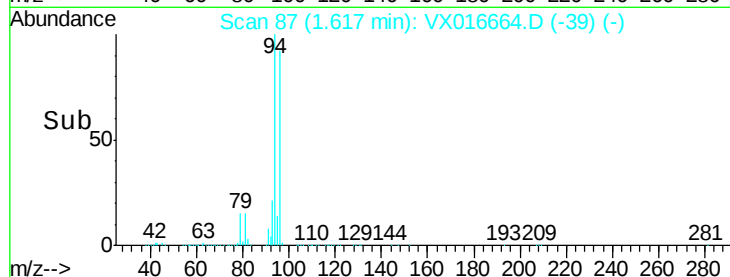
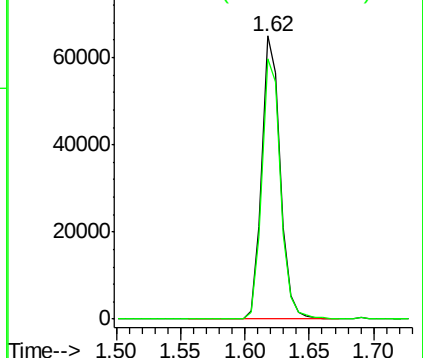
94 100

96 91.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.36 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016664.D

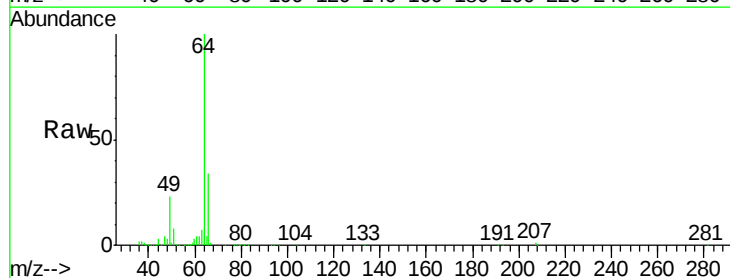
Acq: 10 Jun 2020 10:52

Tgt Ion: 64 Resp: 74329

Ion Ratio Lower Upper

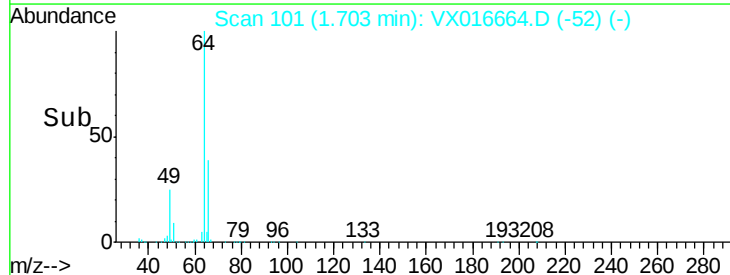
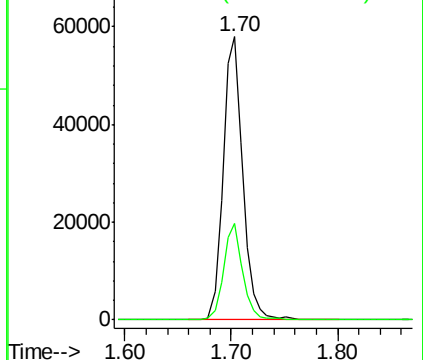
64 100

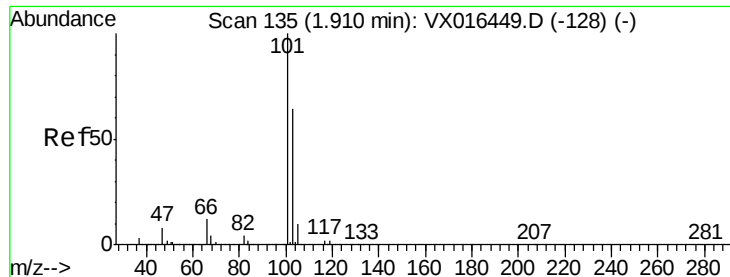
66 33.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



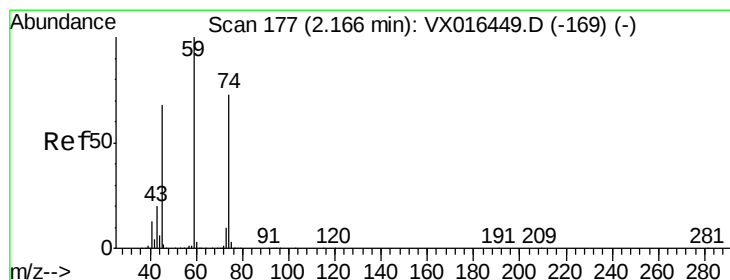
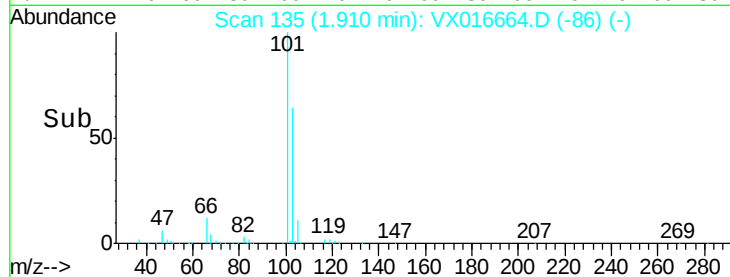
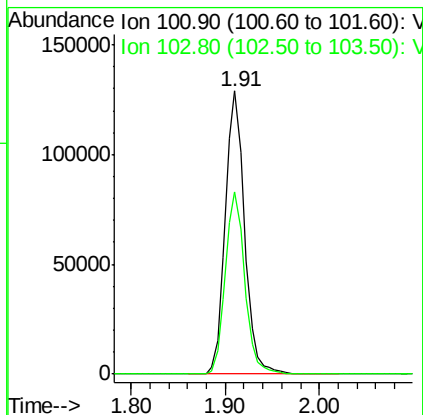
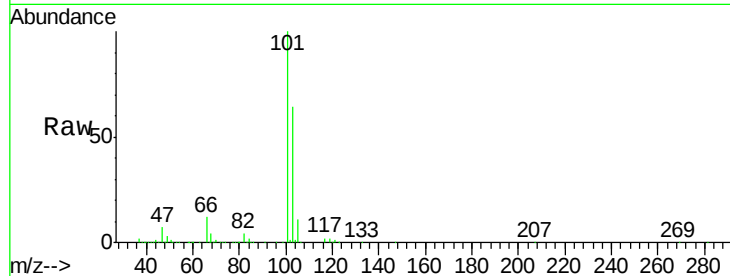


#7

Trichlorofluoromethane
 Concen: 49.77 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Instrument :
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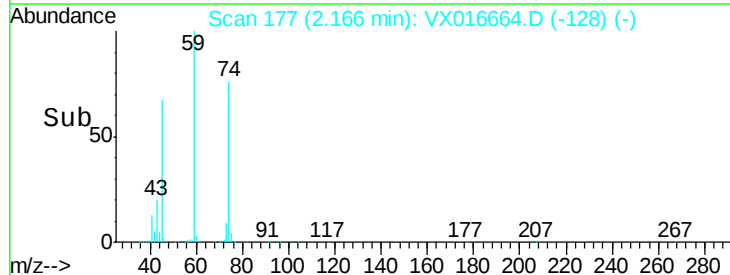
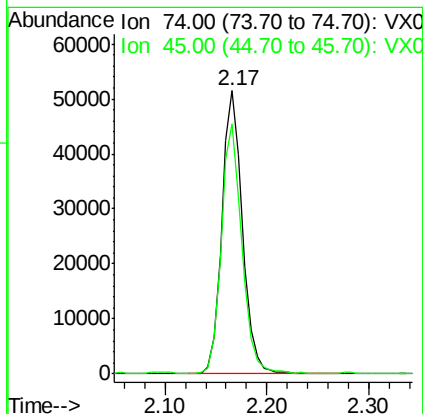
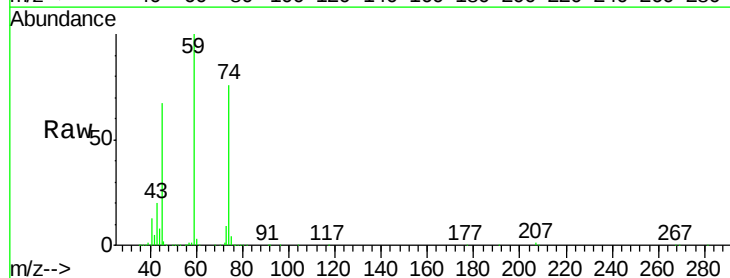
Tgt Ion: 101 Resp: 183637
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3



#8

Diethyl Ether
 Concen: 46.89 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion: 74 Resp: 72140
 Ion Ratio Lower Upper
 74 100
 45 87.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.50 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

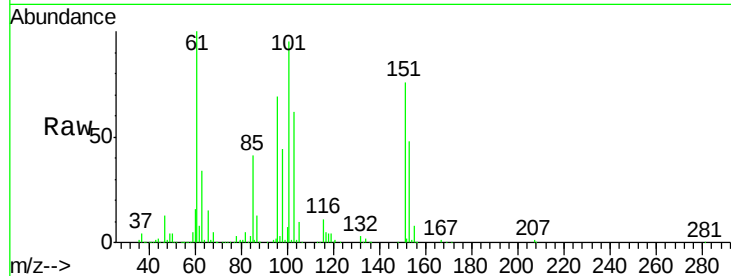
Tgt Ion:101 Resp: 102545

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

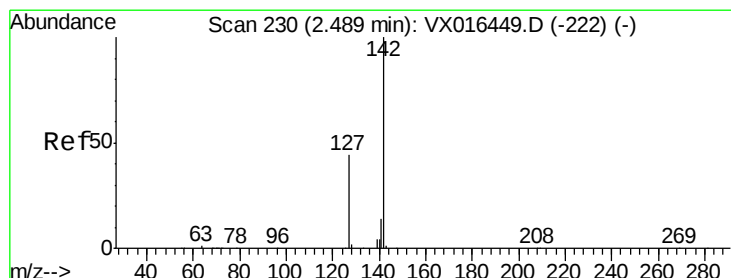
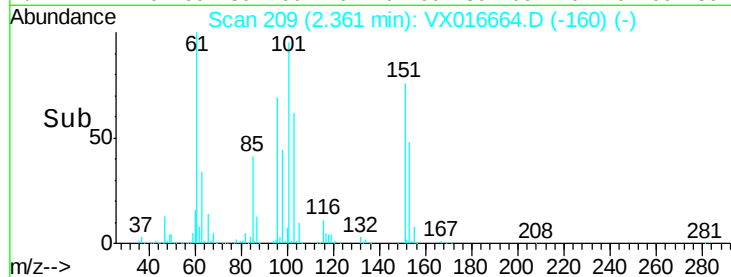
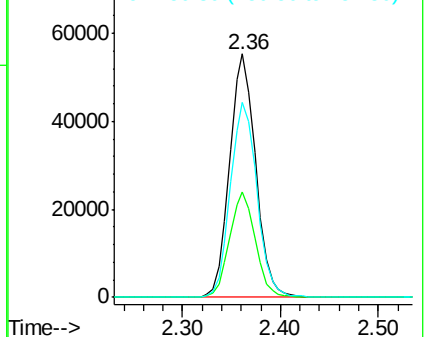
151 81.7 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.61 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

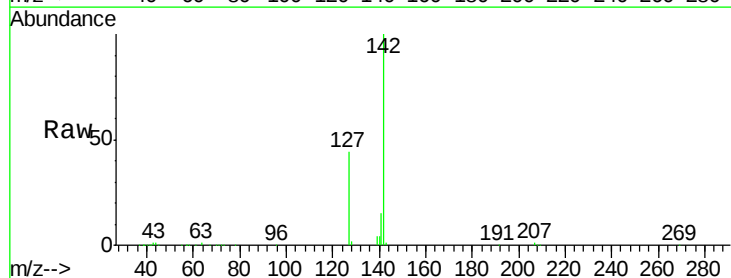
Tgt Ion:142 Resp: 112540

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

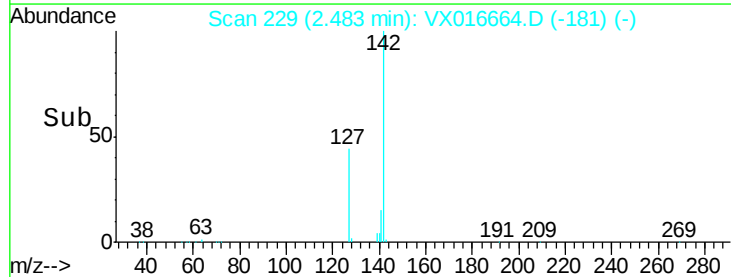
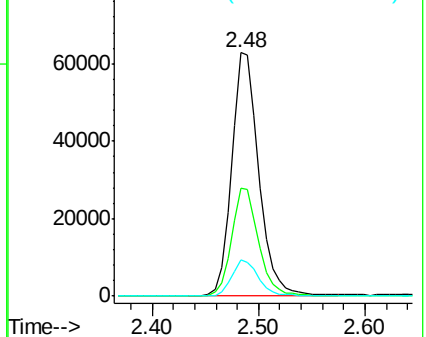
141 14.7 11.4 17.2

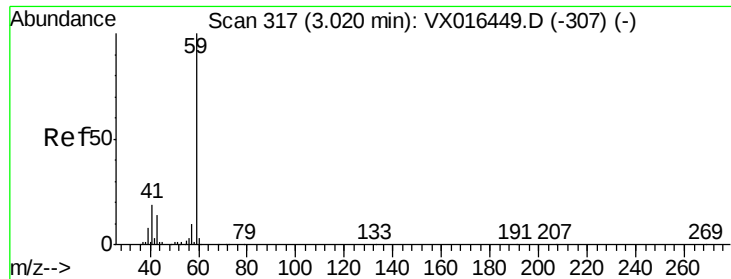


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

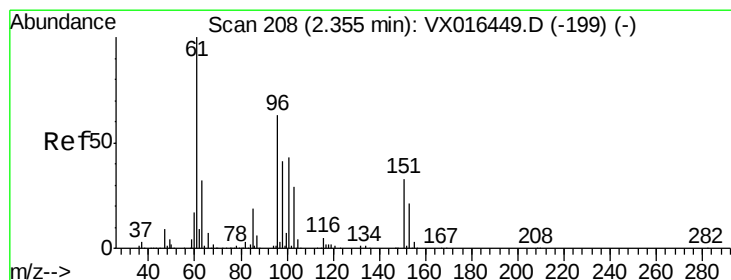
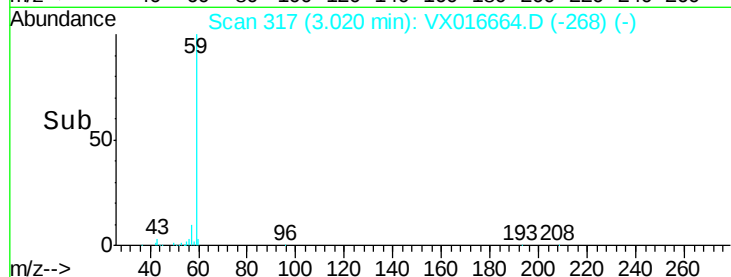
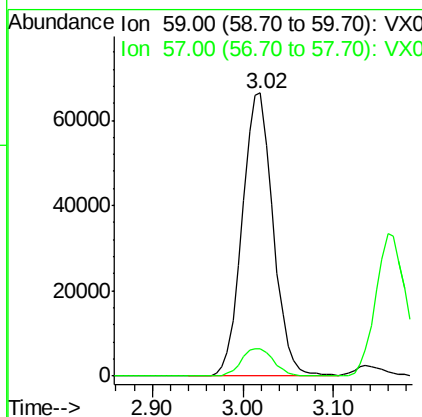
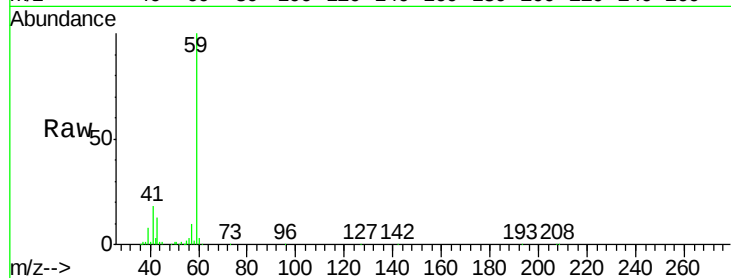




#11
Tert butyl alcohol
Concen: 219.73 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

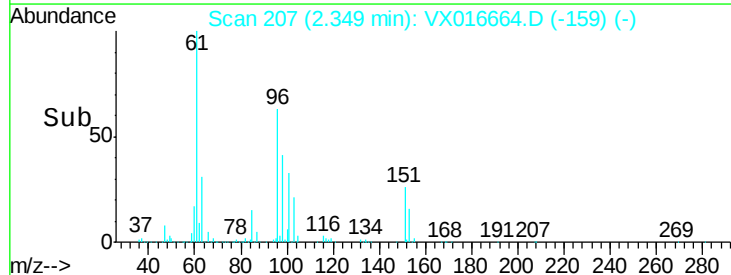
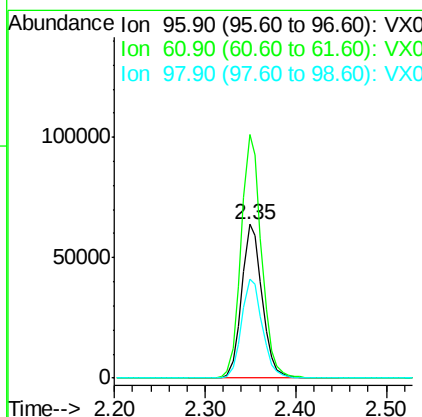
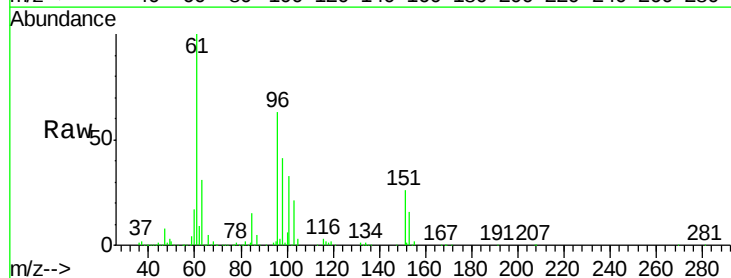
Instrument :
MSVOA_X
ClientSampleId :
BFB

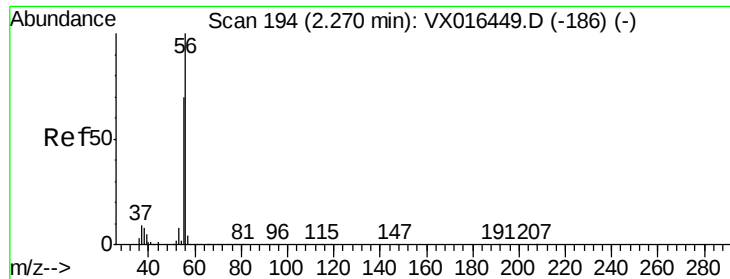
Tgt Ion: 59 Resp: 156307
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.84 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 96 Resp: 100669
Ion Ratio Lower Upper
96 100
61 158.3 126.6 189.8
98 64.2 51.3 76.9





#13

Acrolein

Concen: 215.81 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

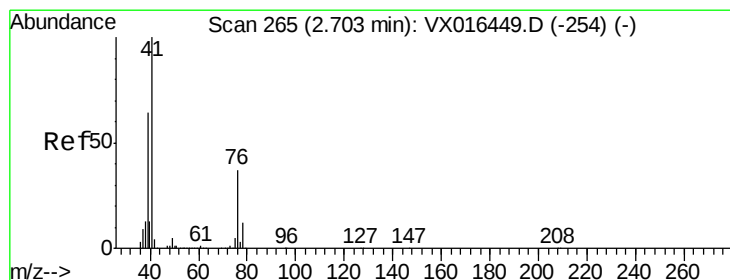
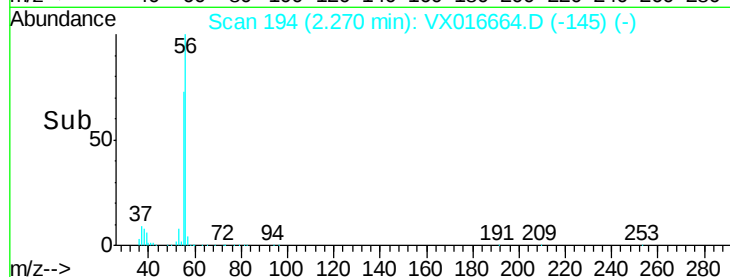
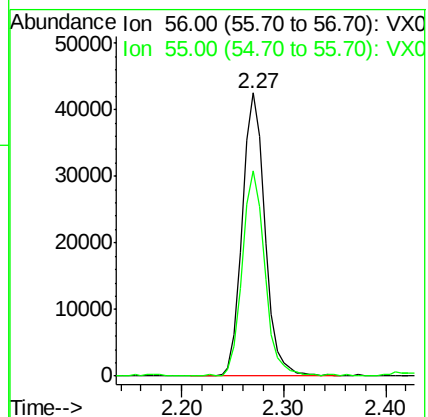
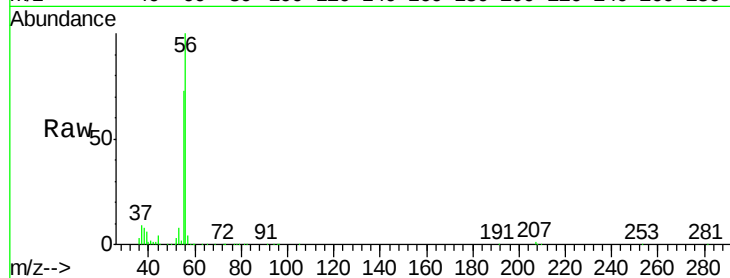
BFB

Tgt Ion: 56 Resp: 65306

Ion Ratio Lower Upper

56 100

55 72.2 58.3 87.5



#14

Allyl chloride

Concen: 41.22 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

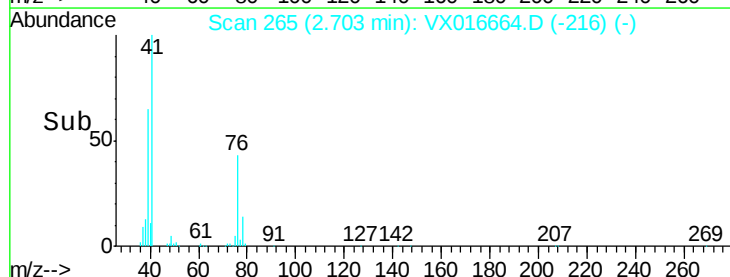
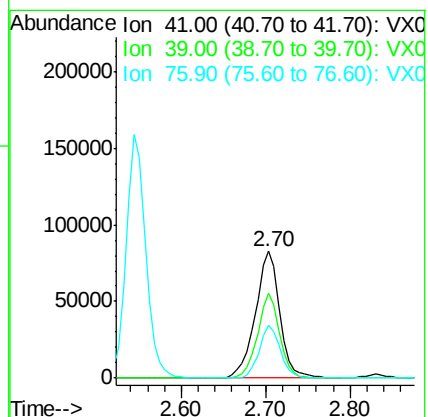
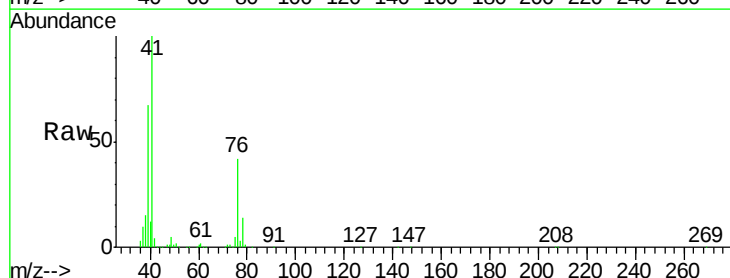
Tgt Ion: 41 Resp: 162945

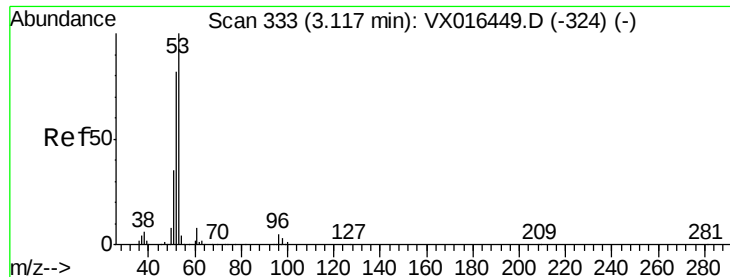
Ion Ratio Lower Upper

41 100

39 60.7 47.7 71.5

76 36.4 26.6 40.0





#15

Acrylonitrile

Concen: 221.46 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

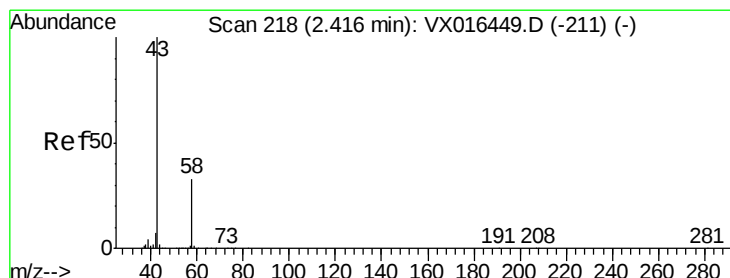
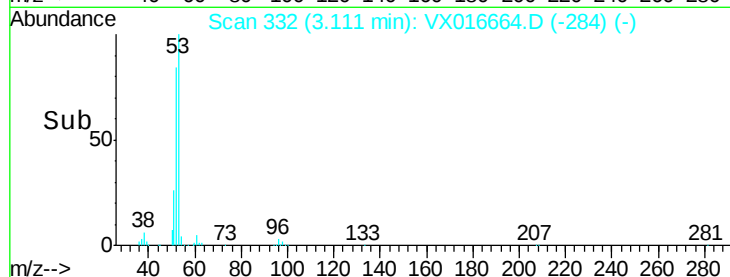
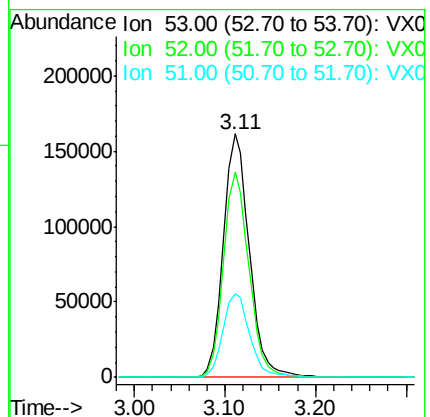
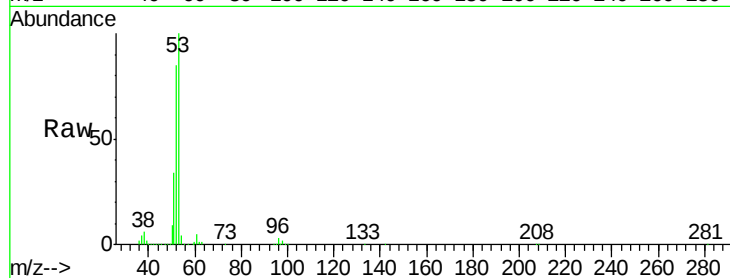
MSVOA_X

ClientSampled :

BFB

Tgt Ion: 53 Resp: 322717

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	35.6	28.6	43.0



#16

Acetone

Concen: 220.02 ug/l

RT: 2.42 min Scan# 218

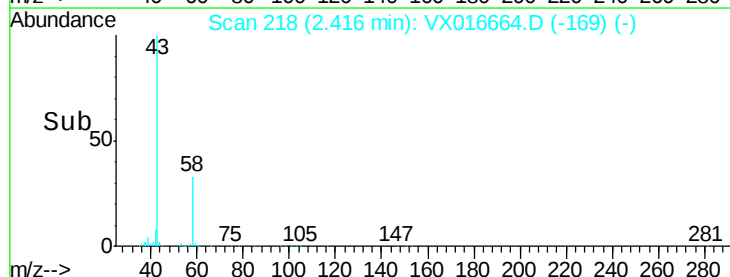
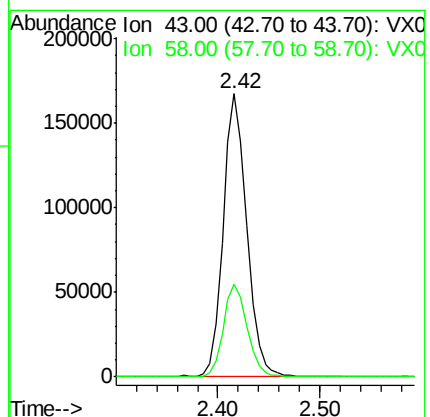
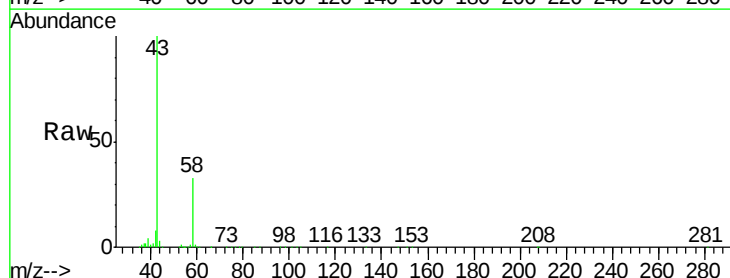
Delta R.T. -0.00 min

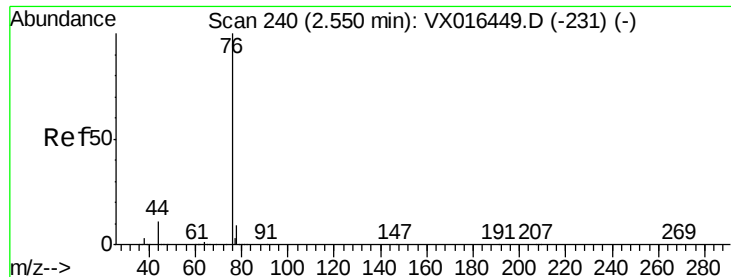
Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Tgt Ion: 43 Resp: 267409

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.1	39.1

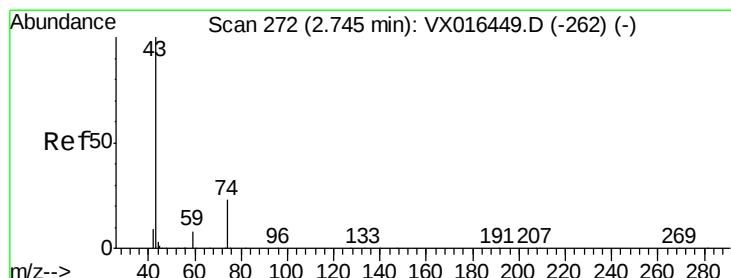
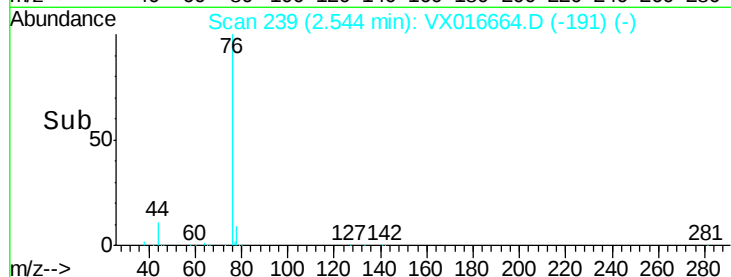
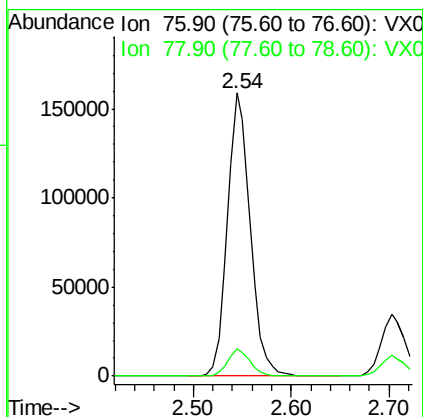
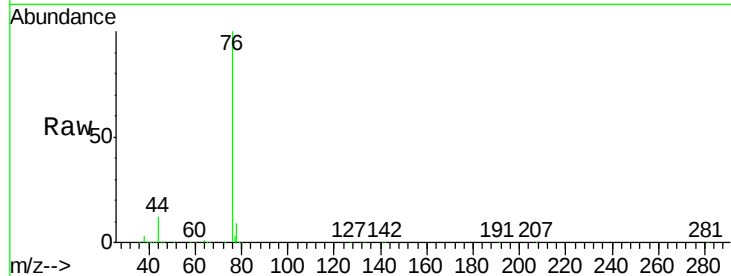




#17
Carbon Disulfide
Concen: 40.14 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

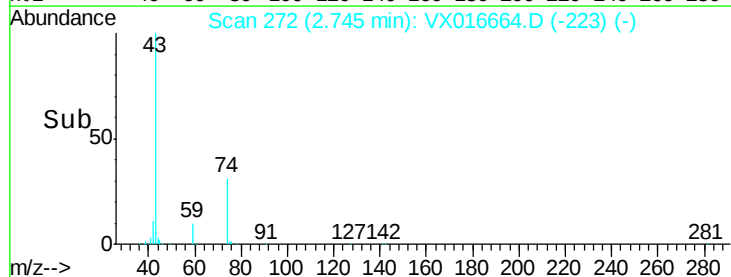
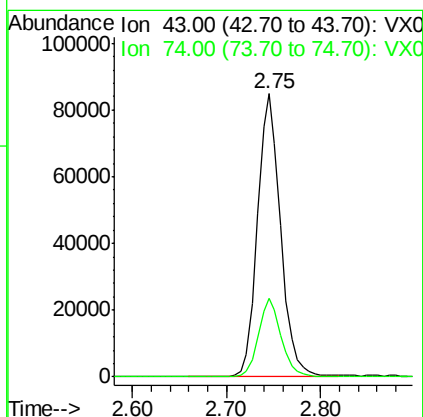
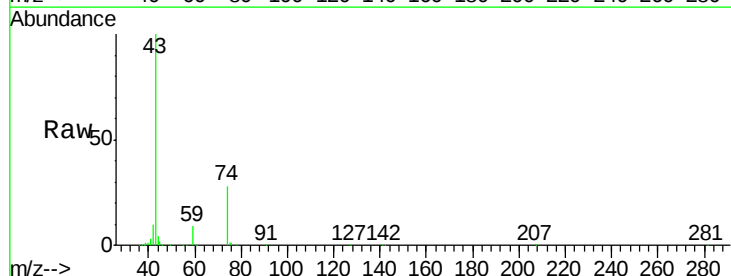
Instrument :
MSVOA_X
ClientSampleId :
BFB

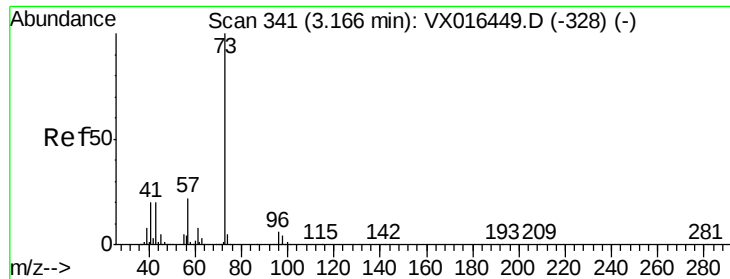
Tgt Ion: 76 Resp: 256197
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 46.96 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 43 Resp: 146385
Ion Ratio Lower Upper
43 100
74 27.5 19.7 29.5

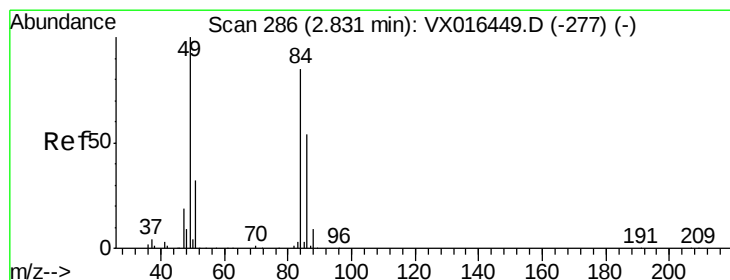
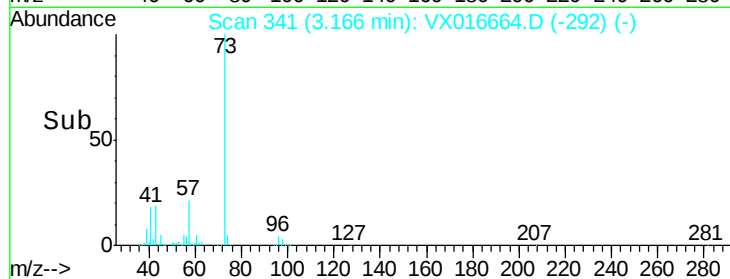
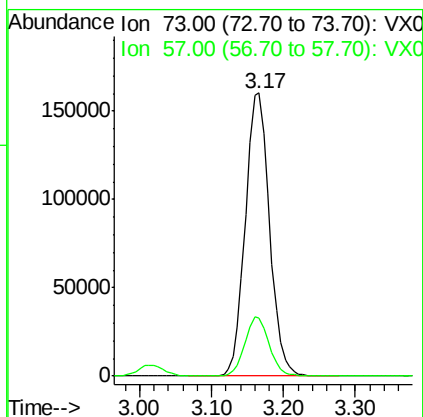
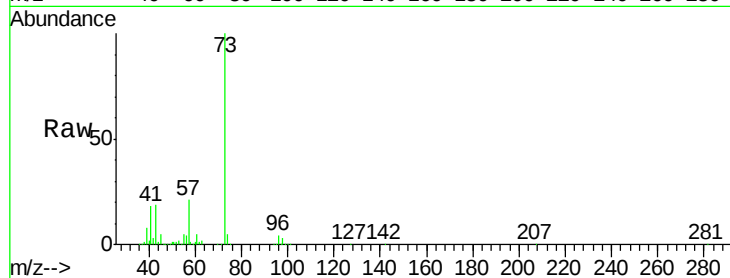




#19
Methyl tert-butyl Ether
Concen: 48.48 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

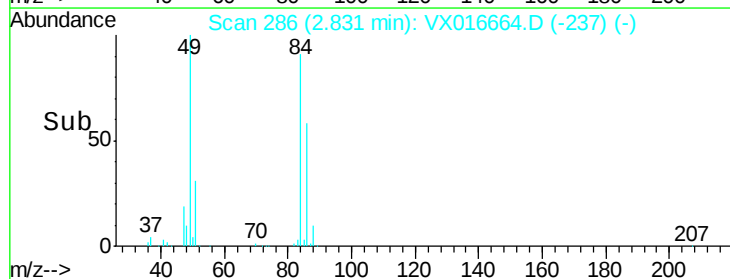
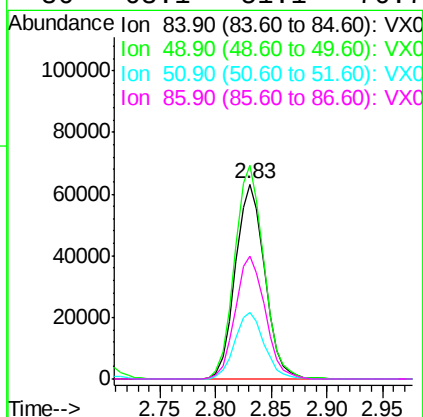
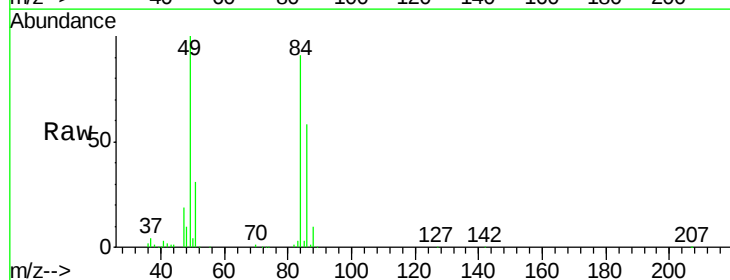
Instrument :
MSVOA_X
ClientSampleId :
BFB

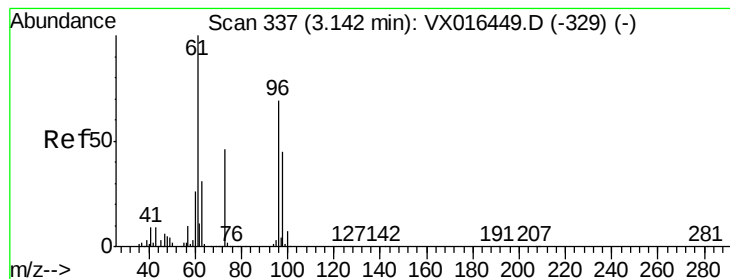
Tgt Ion: 73 Resp: 374148
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6



#20
Methylene Chloride
Concen: 45.98 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 84 Resp: 115626
Ion Ratio Lower Upper
84 100
49 109.6 94.5 141.7
51 34.2 30.2 45.4
86 63.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.97 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

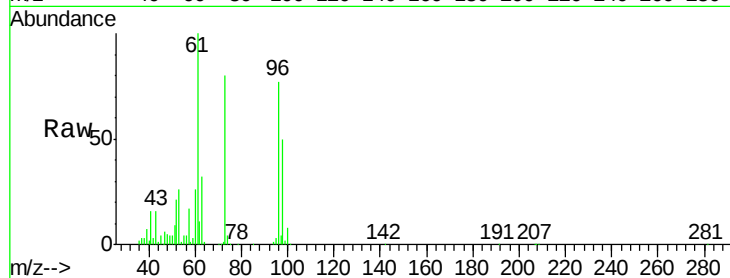
Tgt Ion: 96 Resp: 106911

Ion Ratio Lower Upper

96 100

61 129.1 115.3 172.9

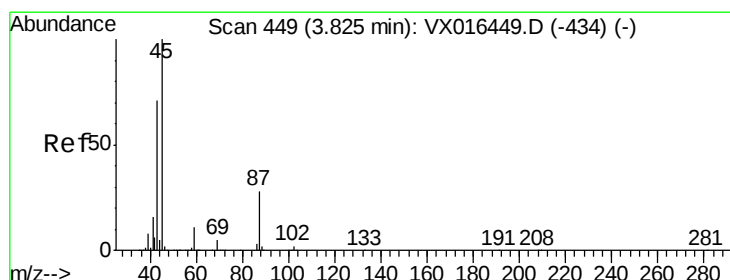
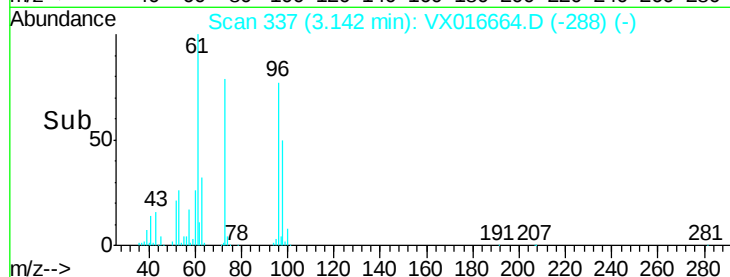
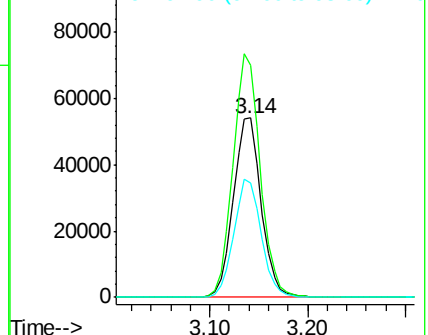
98 63.9 51.9 77.9



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: 42.86 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Tgt Ion: 45 Resp: 325442

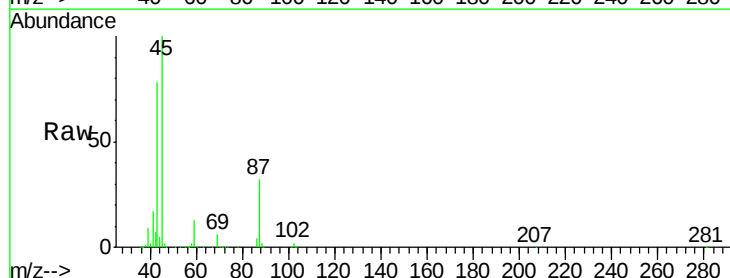
Ion Ratio Lower Upper

45 100

43 77.6 57.0 85.6

87 31.7 22.5 33.7

59 12.6 9.1 13.7

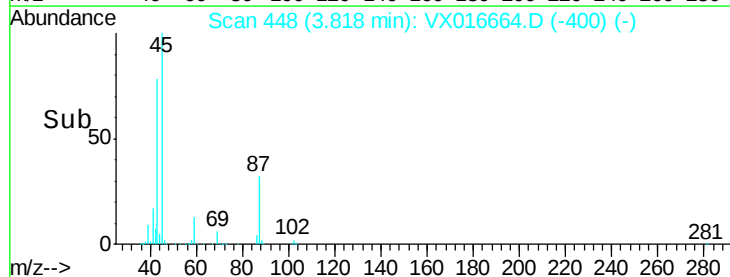
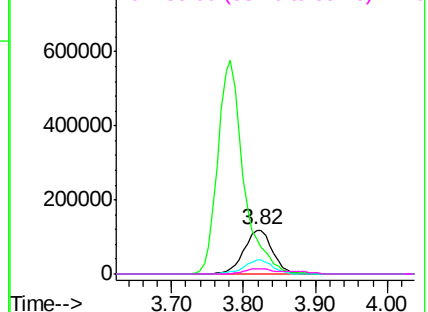


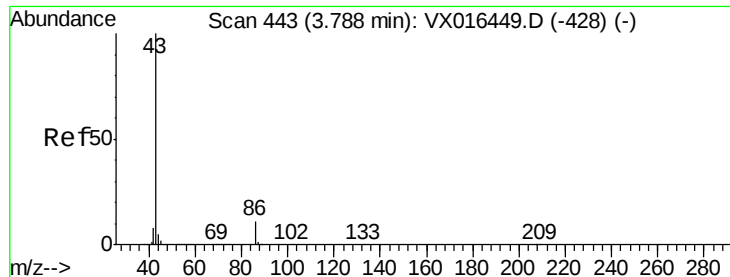
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 216.15 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

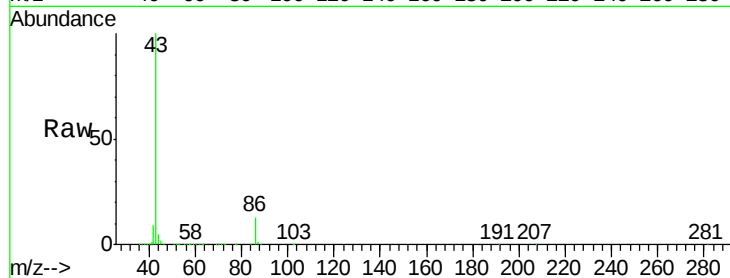
BFB

Tgt Ion: 43 Resp: 1436668

Ion Ratio Lower Upper

43 100

86 12.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

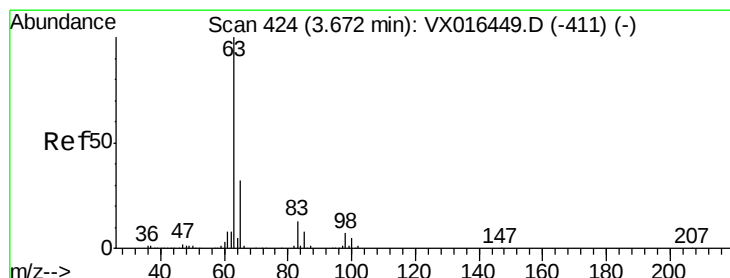
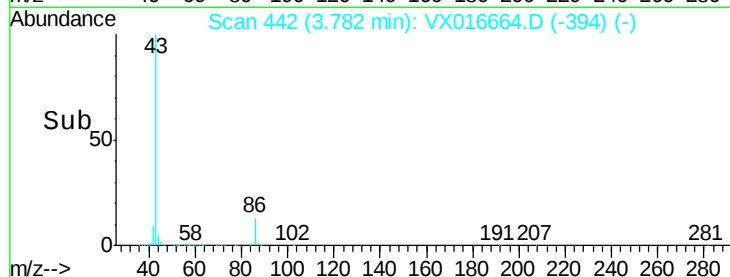
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.64 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

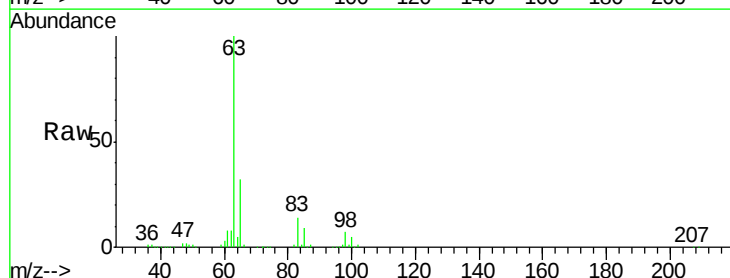
Tgt Ion: 63 Resp: 191317

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 5.4 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

3.67

100000

80000

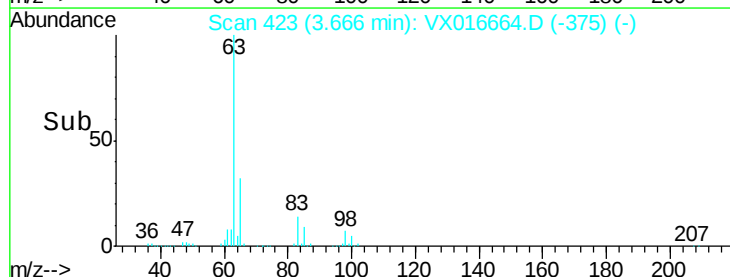
60000

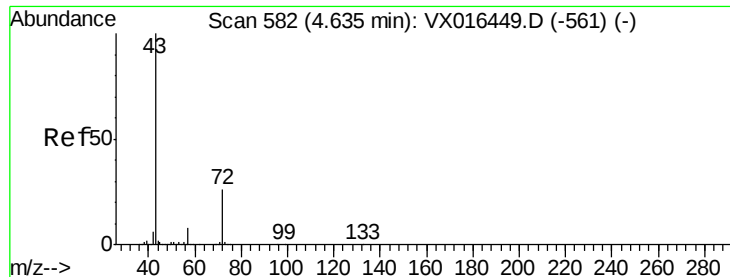
40000

20000

0

Time-->





#25

2-Butanone

Concen: 210.22 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

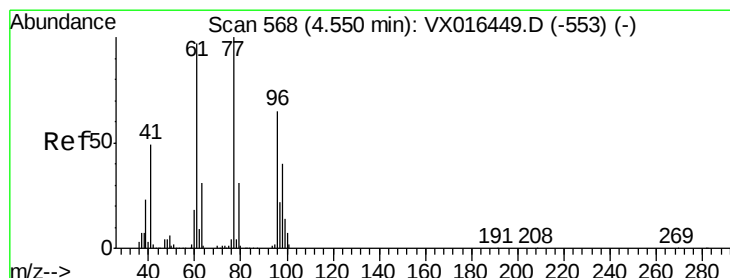
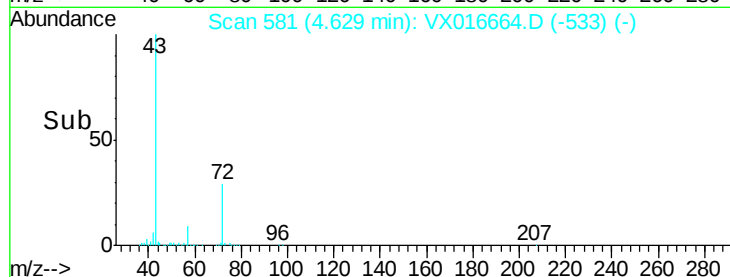
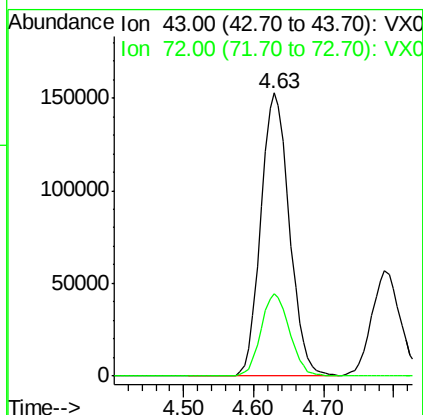
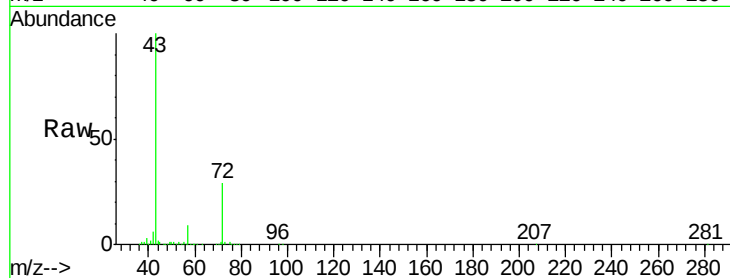
BFB

Tgt Ion: 43 Resp: 432937

Ion Ratio Lower Upper

43 100

72 29.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 50.84 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016664.D

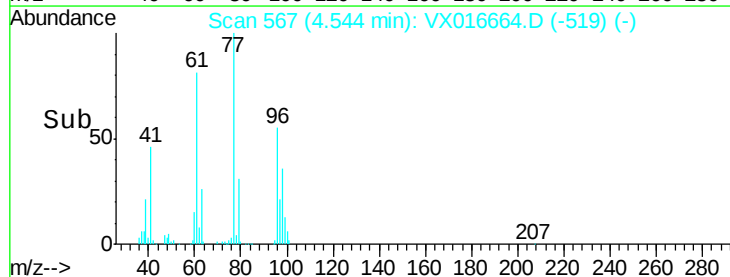
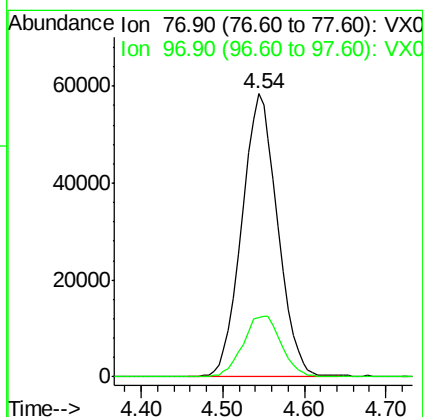
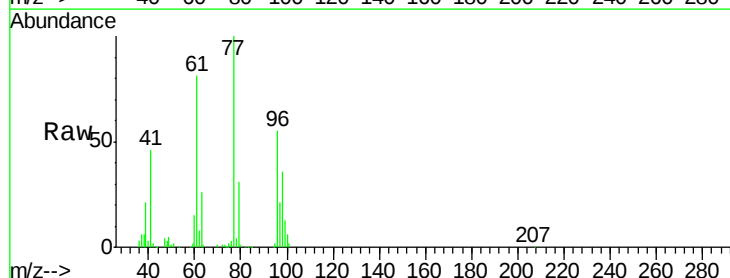
Acq: 10 Jun 2020 10:52

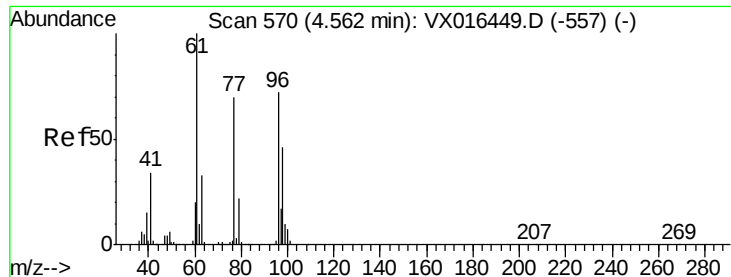
Tgt Ion: 77 Resp: 178315

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 45.85 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

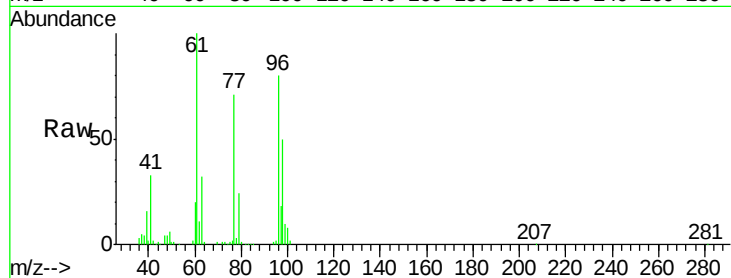
Tgt Ion: 96 Resp: 126096

Ion Ratio Lower Upper

96 100

61 137.9 0.0 284.6

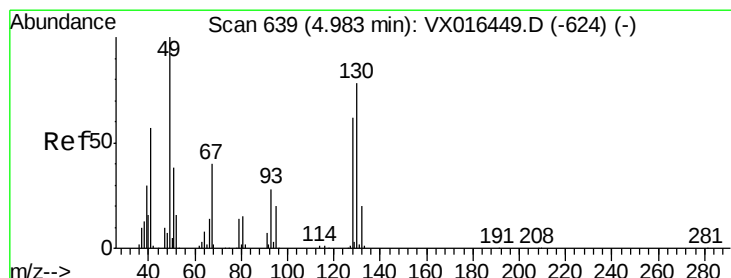
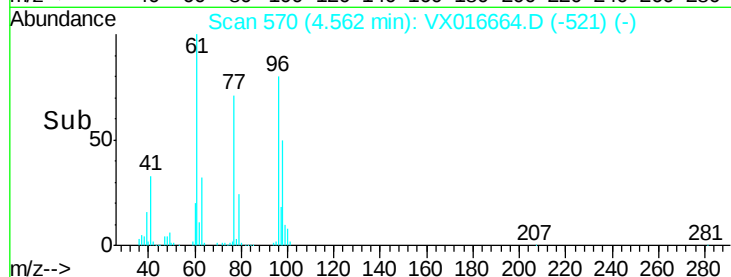
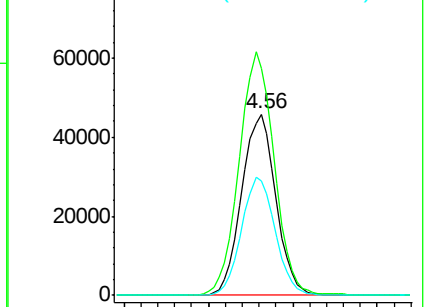
98 64.3 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 41.34 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

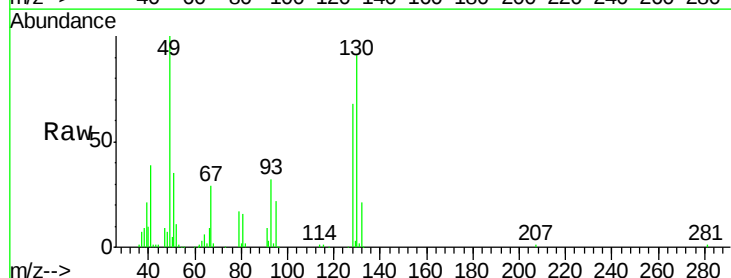
Tgt Ion: 49 Resp: 82330

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

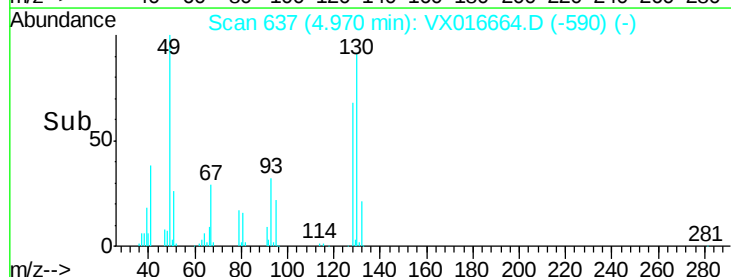
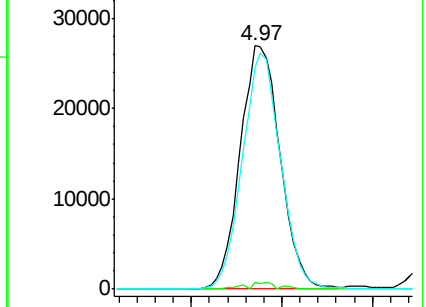
130 92.9 63.0 94.4

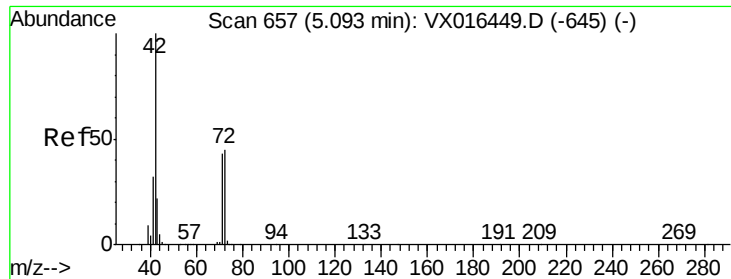


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 208.53 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

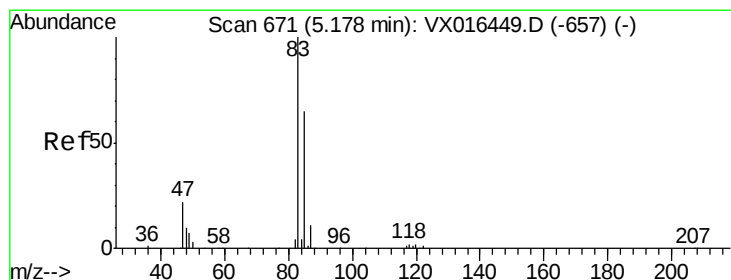
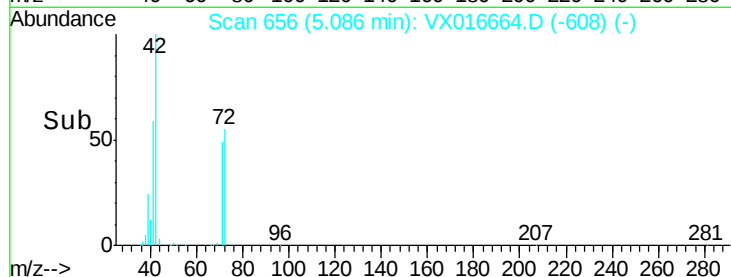
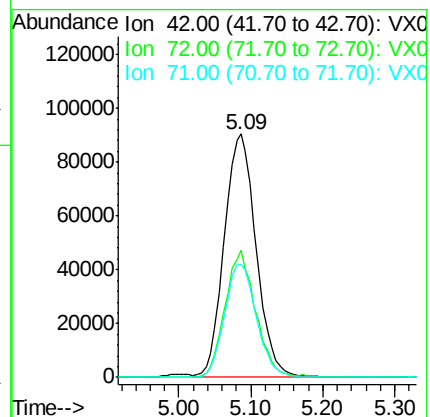
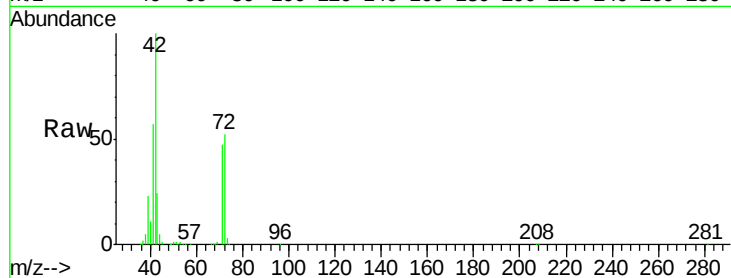
Tgt Ion: 42 Resp: 277444

Ion Ratio Lower Upper

42 100

72 50.4 37.0 55.4

71 46.7 34.1 51.1



#30

Chloroform

Concen: 48.06 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016664.D

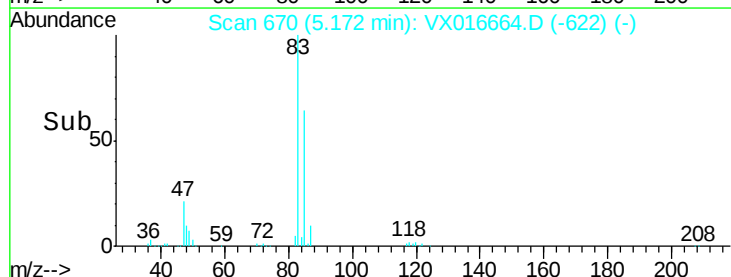
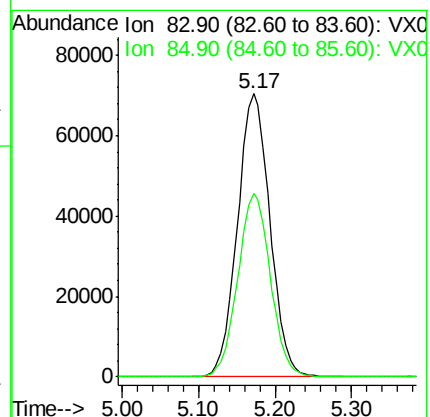
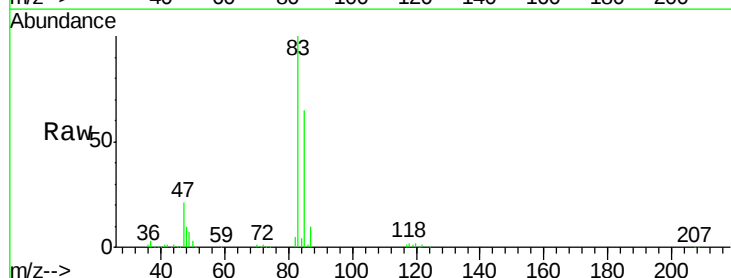
Acq: 10 Jun 2020 10:52

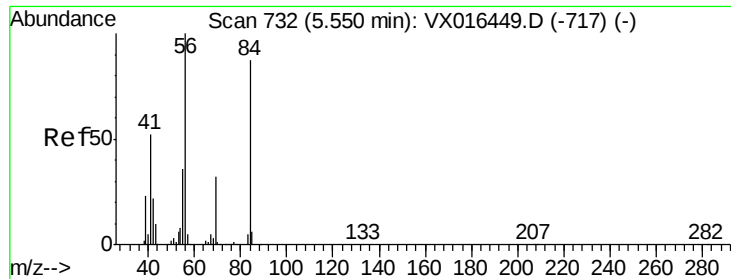
Tgt Ion: 83 Resp: 207535

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

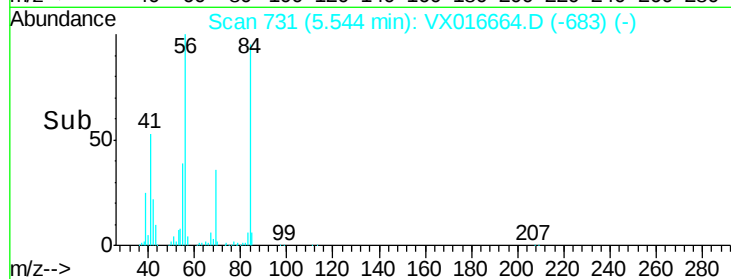
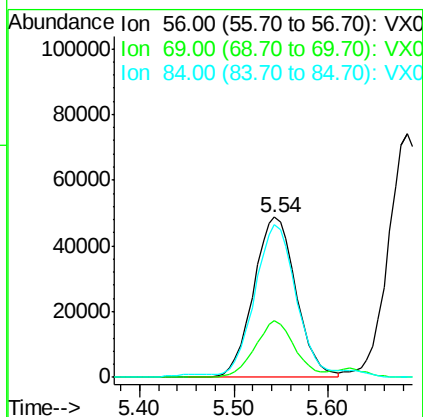
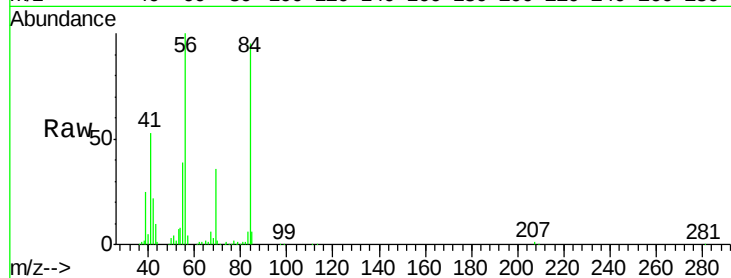




#31
Cyclohexane
Concen: 39.86 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

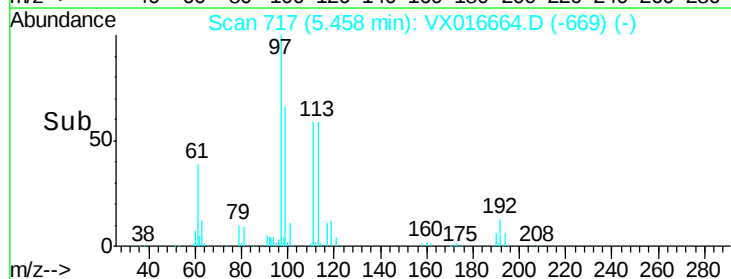
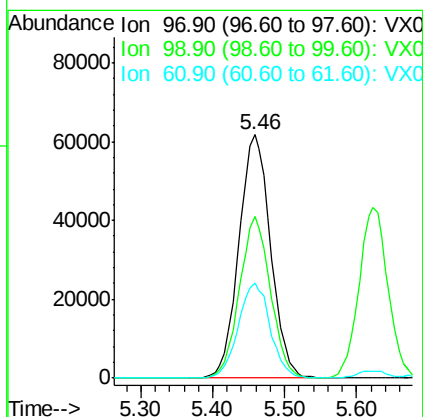
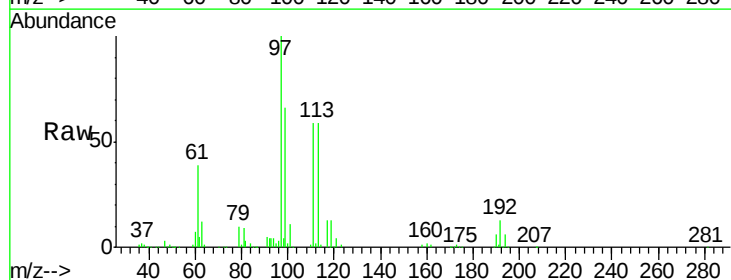
Instrument :
MSVOA_X
ClientSampleId :
BFB

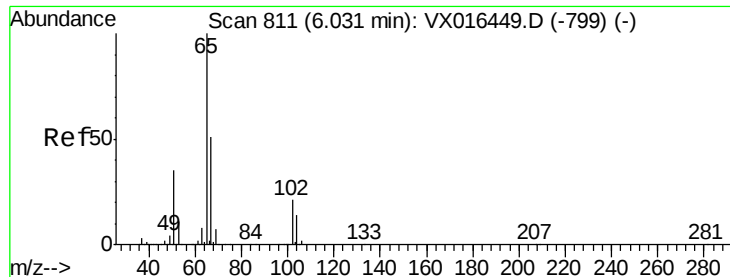
Tgt Ion: 56 Resp: 153693
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 93.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.20 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 97 Resp: 188435
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 39.3 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.46 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

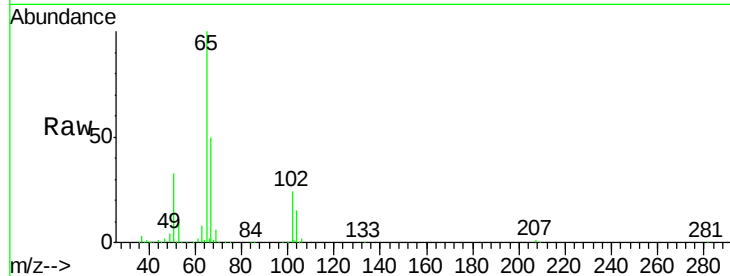
BFB

Tgt Ion: 65 Resp: 128880

Ion Ratio Lower Upper

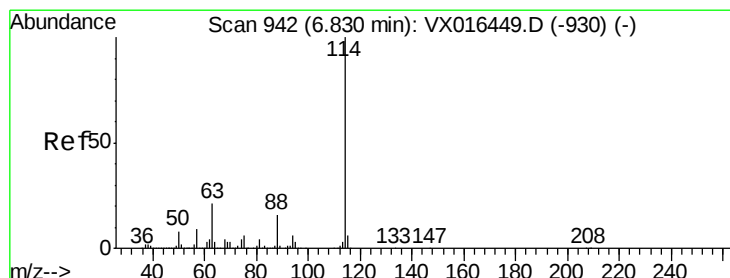
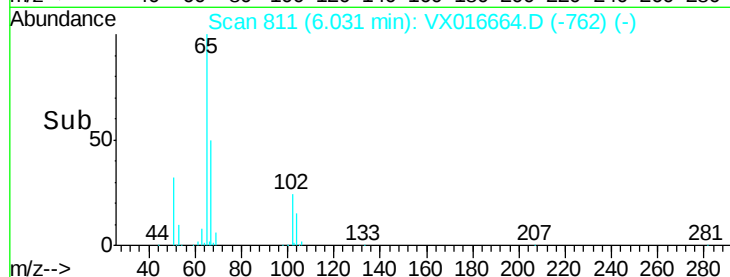
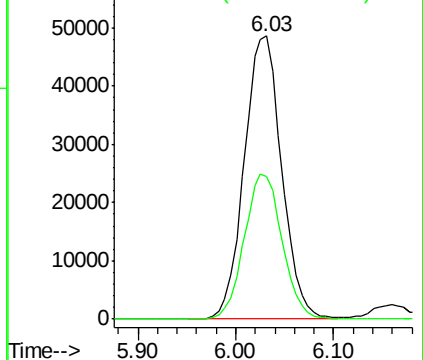
65 100

67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

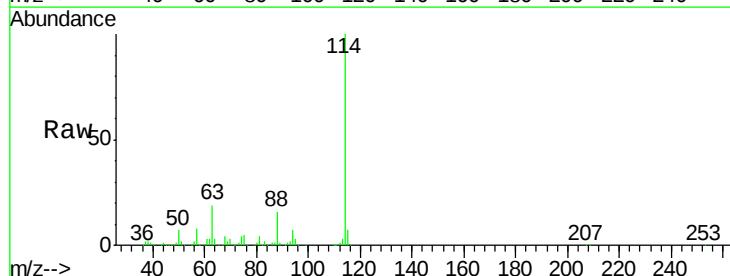
Tgt Ion: 114 Resp: 324312

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

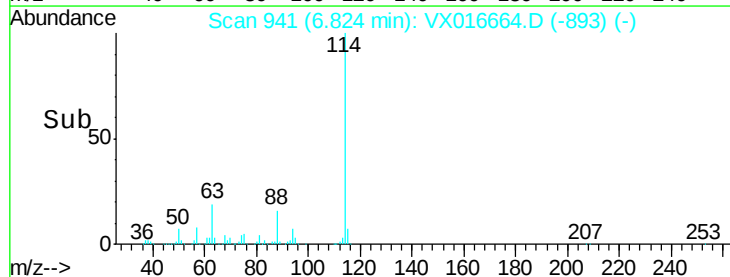
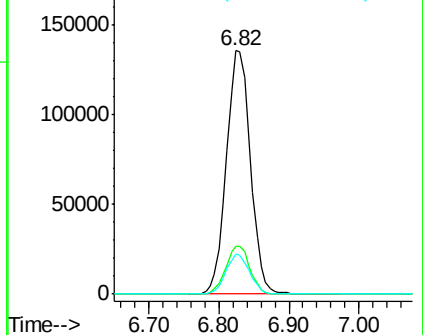
88 16.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.40 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

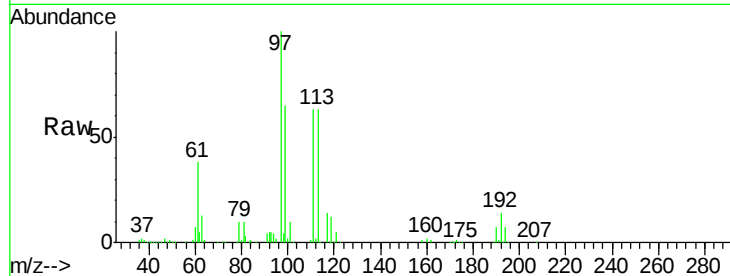
Tgt Ion:113 Resp: 104647

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

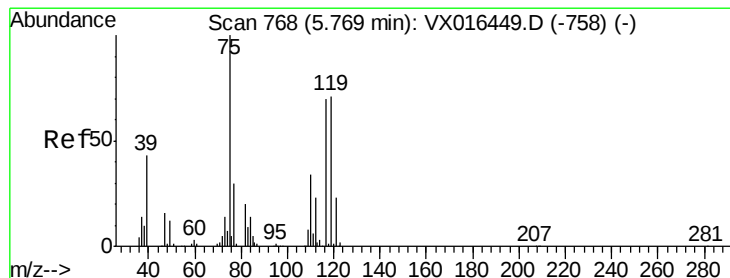
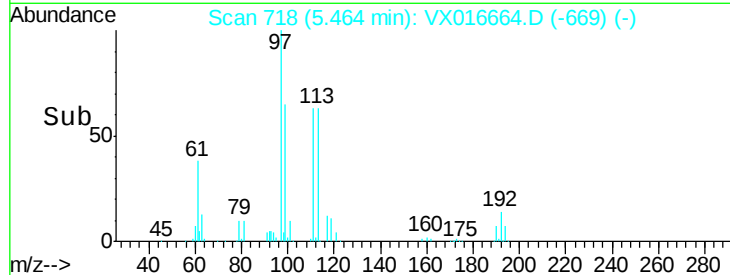
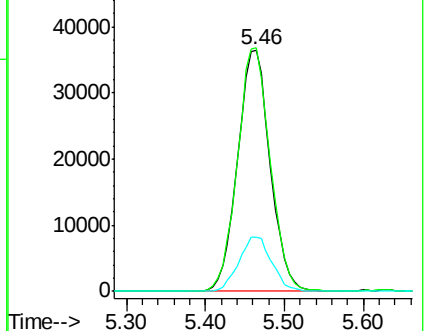
192 22.8 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.81 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

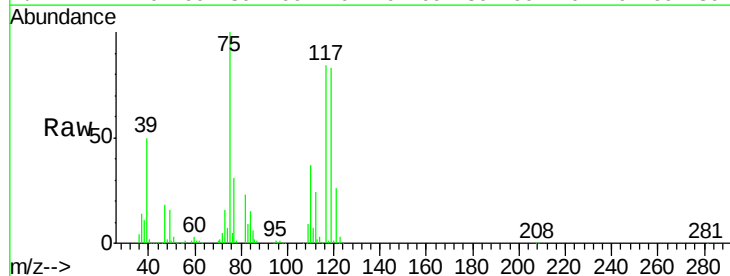
Tgt Ion: 75 Resp: 146816

Ion Ratio Lower Upper

75 100

110 37.1 17.4 52.3

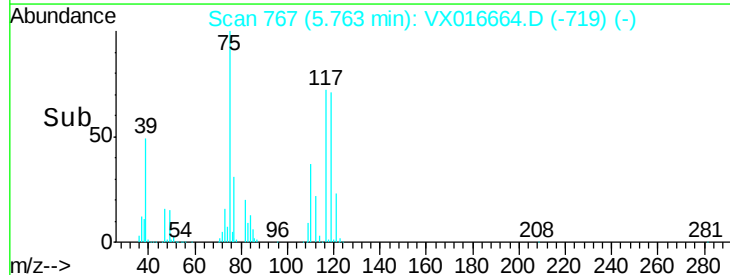
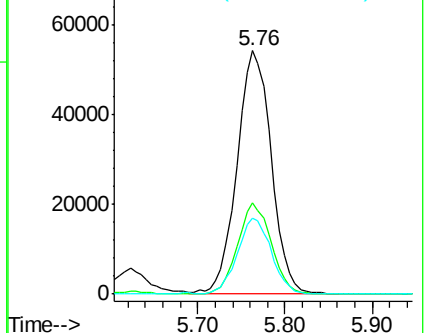
77 31.1 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

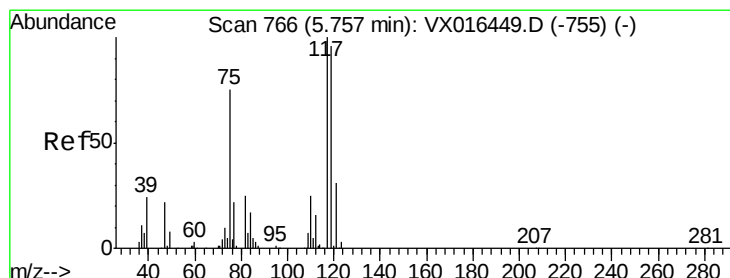
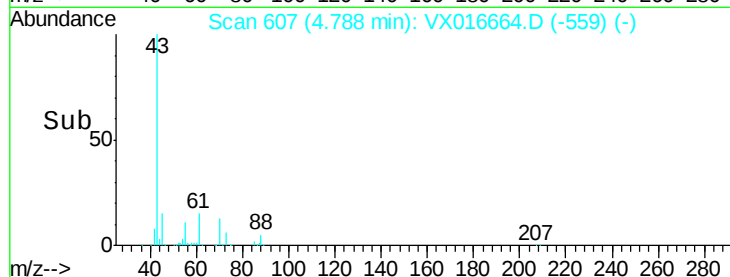
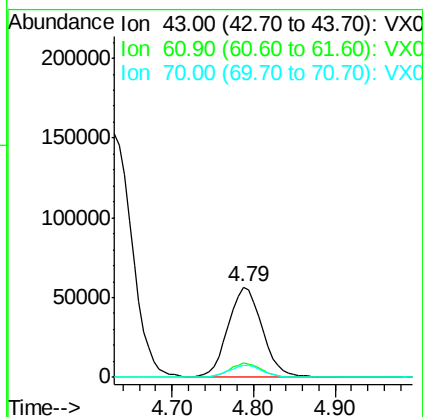
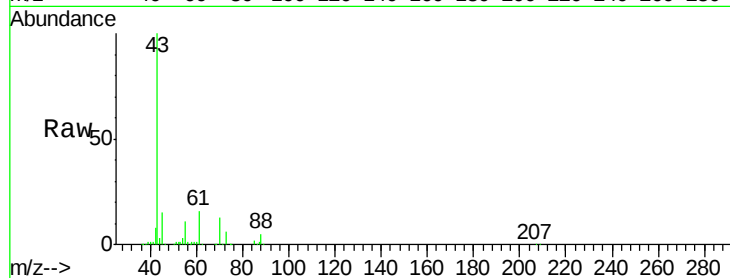




#37
 Ethyl Acetate
 Concen: 44.32 ug/l
 RT: 4.79 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

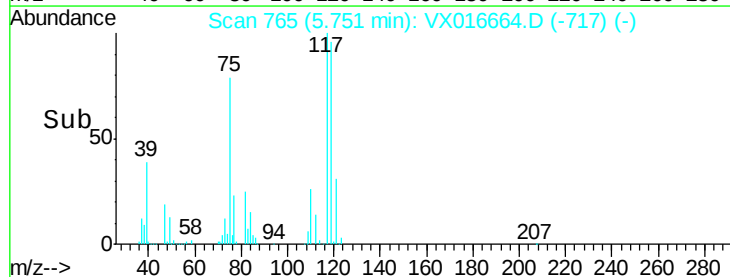
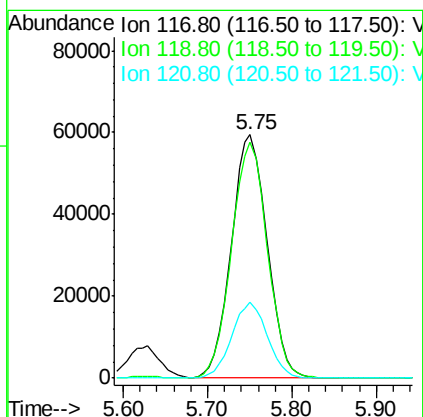
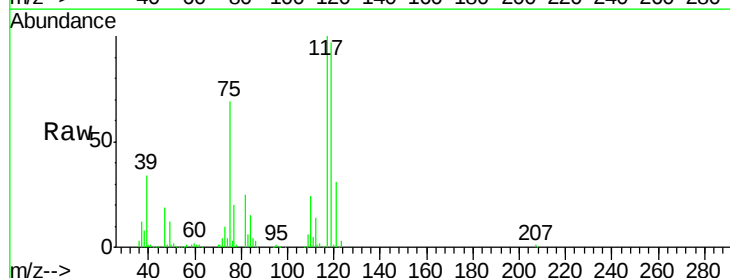
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	13.0	9.3	13.9



#38
 Carbon Tetrachloride
 Concen: 53.07 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.3	114.5
121	31.1	24.6	37.0

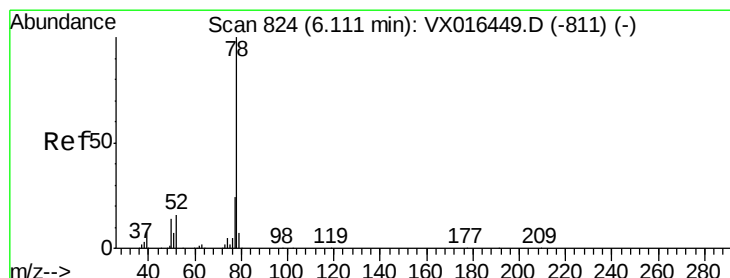
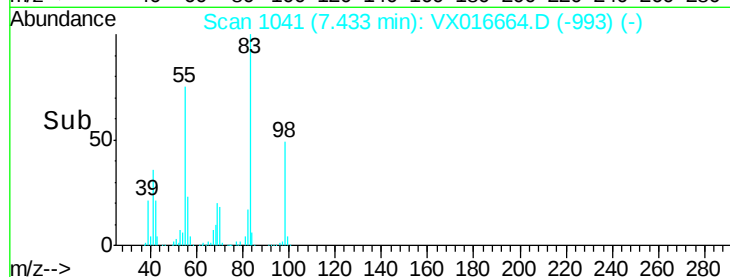
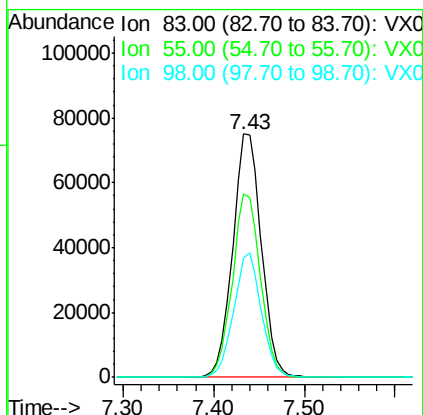
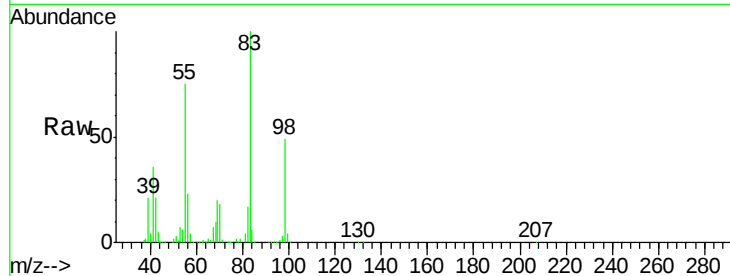




#39
Methylcyclohexane
Concen: 49.16 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

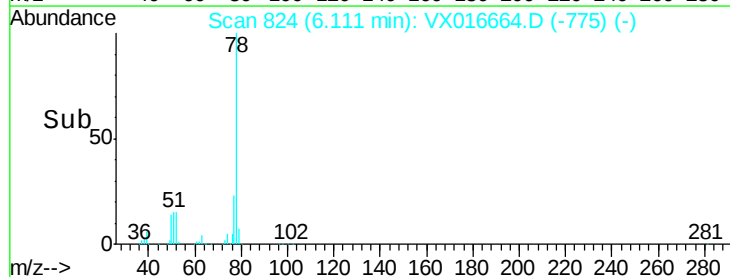
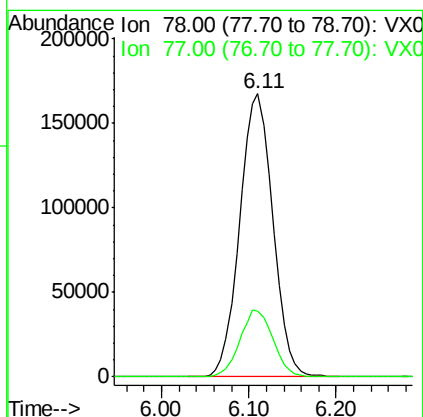
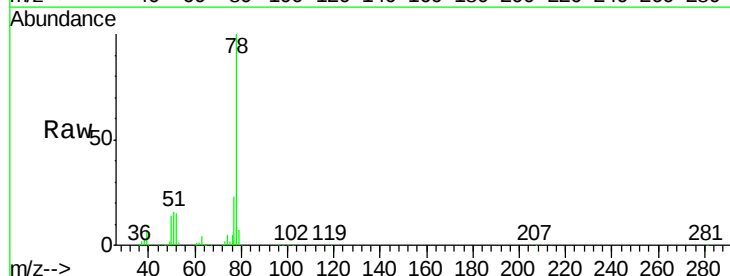
Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 83 Resp: 163946
Ion Ratio Lower Upper
83 100
55 75.3 61.7 92.5
98 49.1 38.7 58.1



#40
Benzene
Concen: 48.21 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 78 Resp: 440866
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

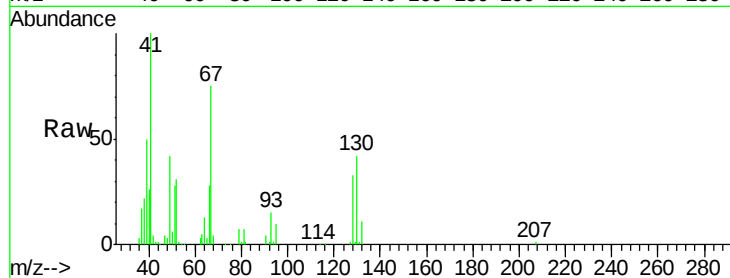




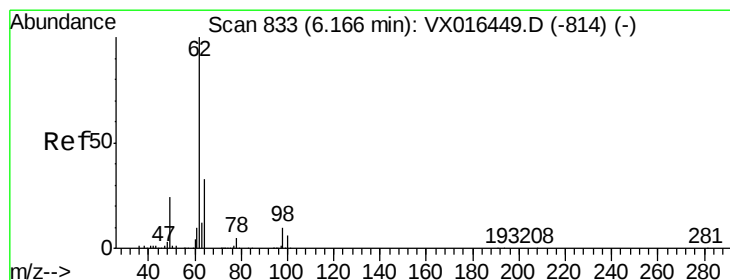
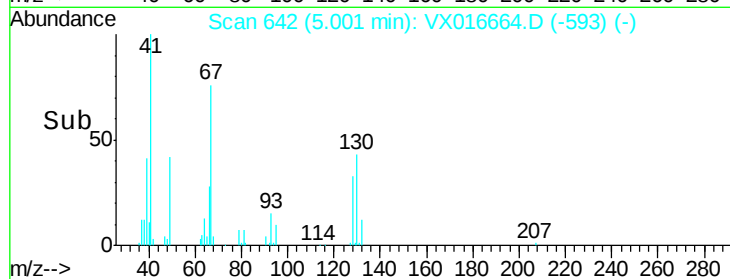
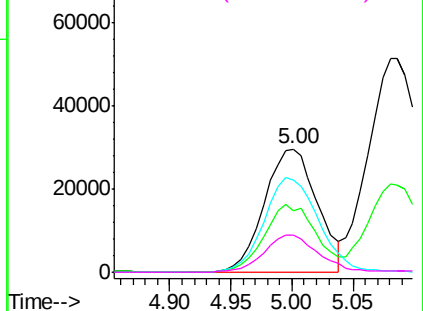
#41
Methacrylonitrile
Concen: 43.82 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	88736
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.0	64.4
67	79.9	58.9	88.3
52	31.6	23.1	34.7

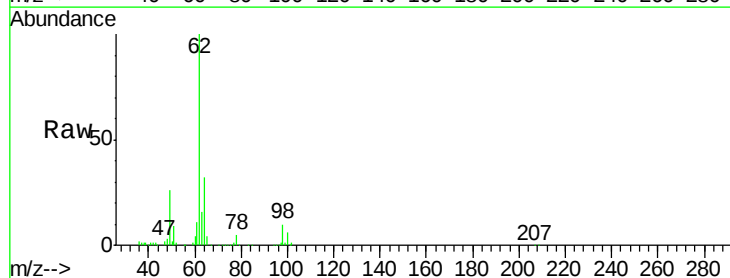


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

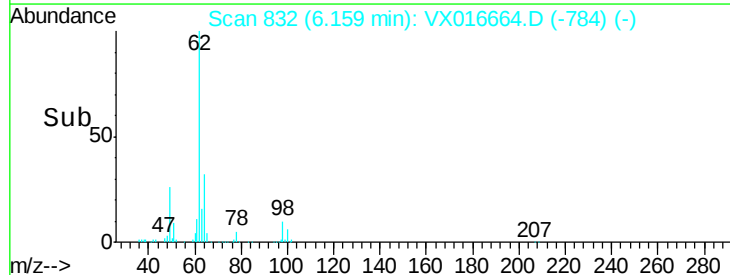
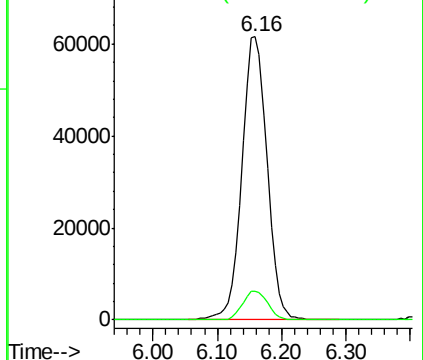


#42
1,2-Dichloroethane
Concen: 50.87 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion:	62	Resp:	165415
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8



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

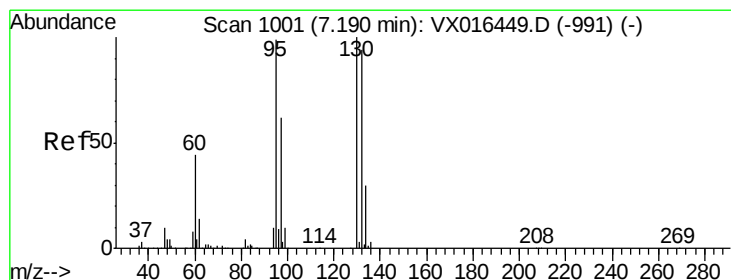
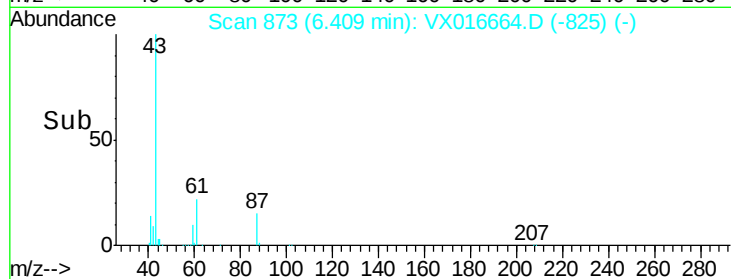
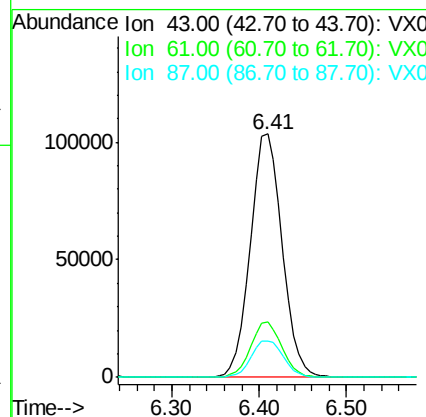
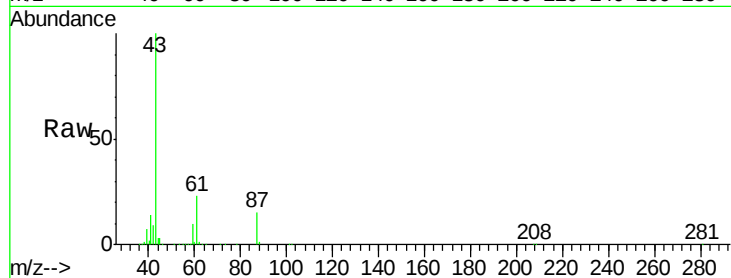




#43
Isopropyl Acetate
Concen: 45.35 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

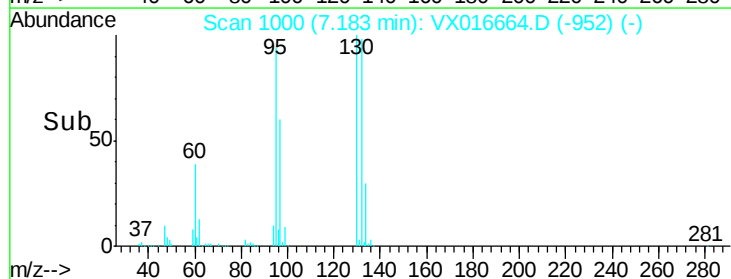
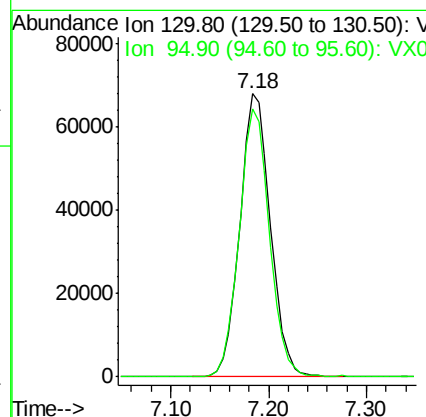
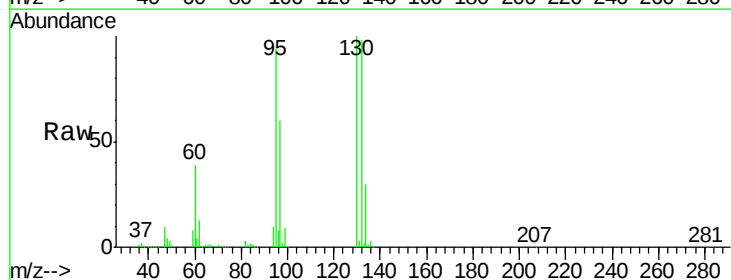
Instrument :
MSVOA_X
ClientSampled :
BFB

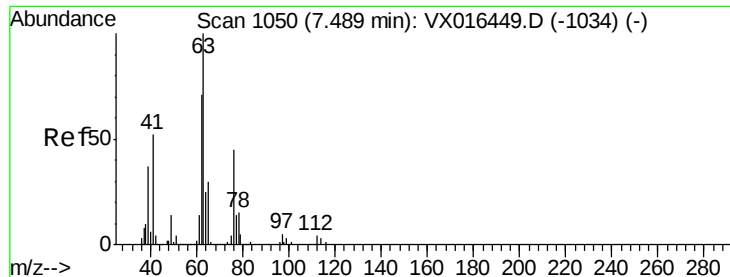
Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	15.4	11.2	16.8



#44
Trichloroethene
Concen: 50.60 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	198.2





#45

1,2-Dichloropropane

Concen: 47.99 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

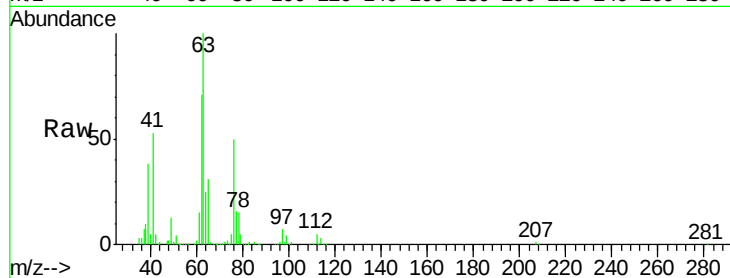
BFB

Tgt Ion: 63 Resp: 111714

Ion Ratio Lower Upper

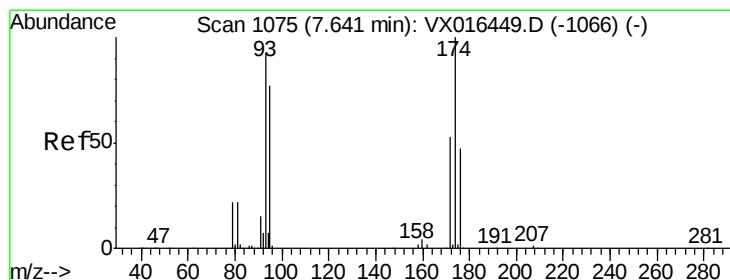
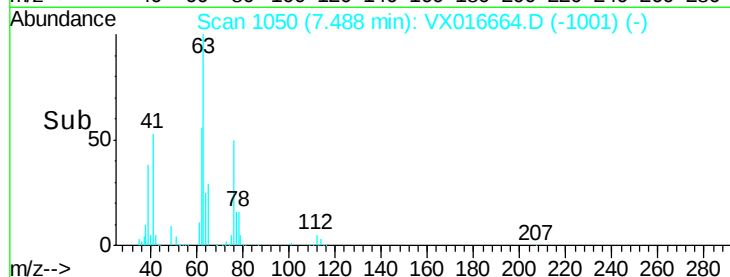
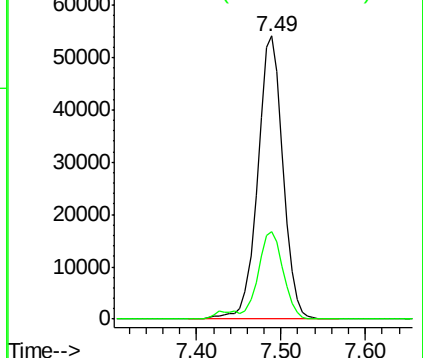
63 100

65 31.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.59 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

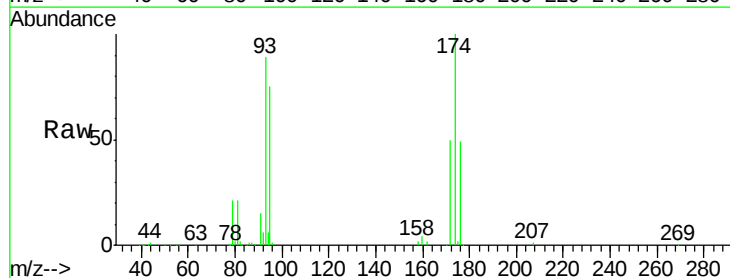
Tgt Ion: 93 Resp: 80661

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

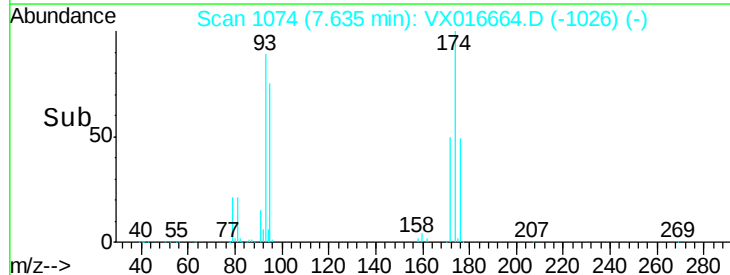
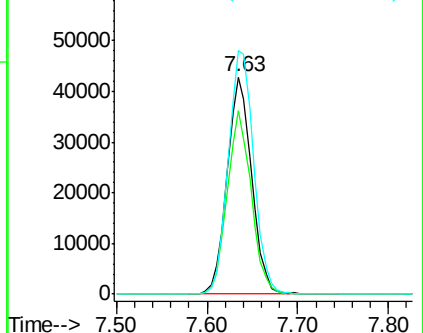
174 116.2 86.2 129.4

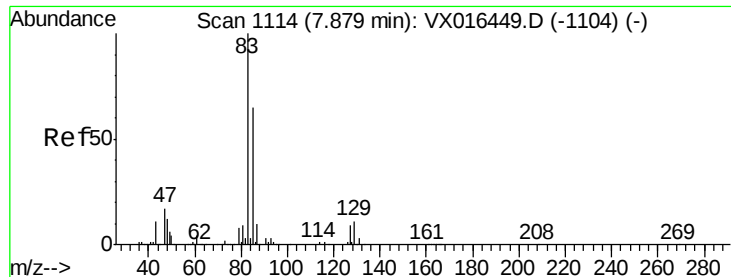


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.92 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

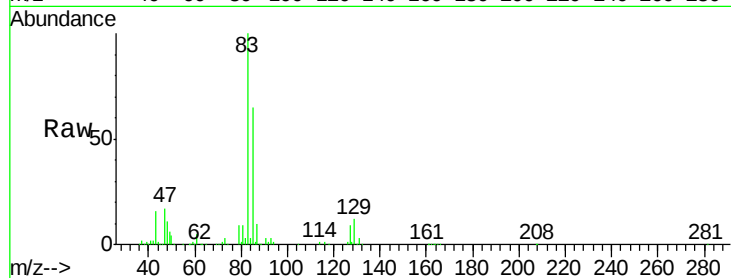
Tgt Ion: 83 Resp: 171334

Ion Ratio Lower Upper

83 100

85 65.2 52.0 78.0

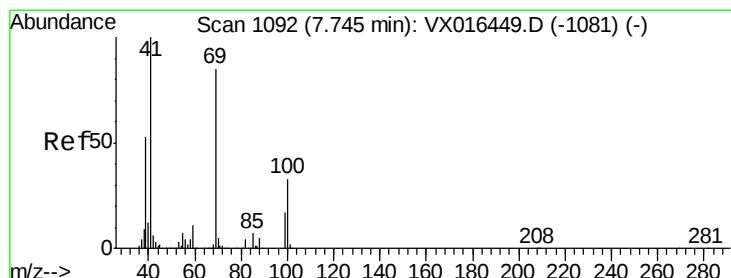
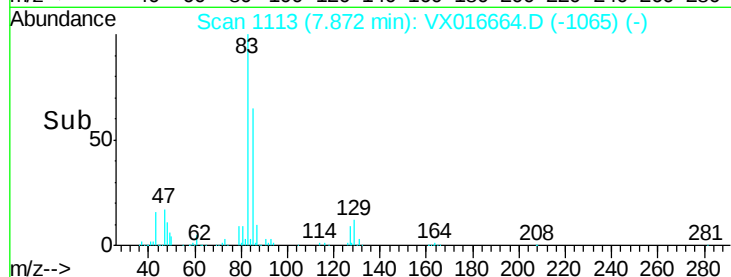
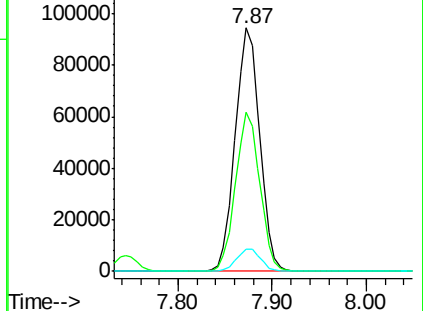
127 9.2 7.4 11.0



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: 45.65 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

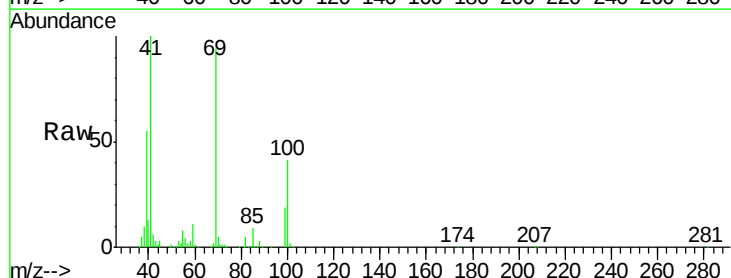
Tgt Ion: 41 Resp: 125674

Ion Ratio Lower Upper

41 100

69 92.8 68.6 102.8

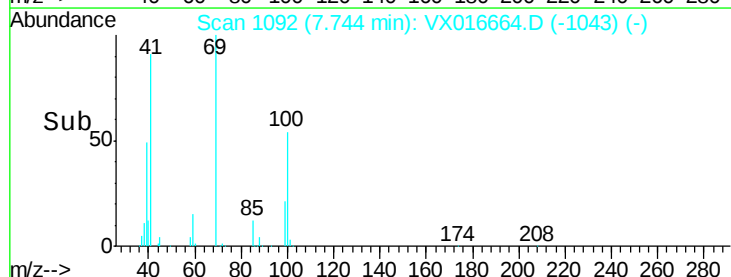
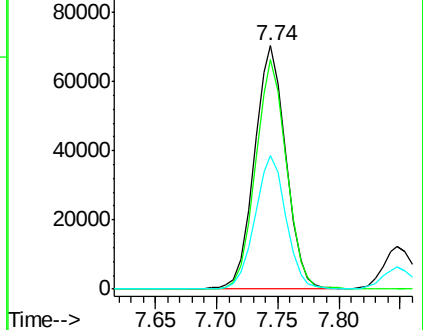
39 54.0 42.4 63.6

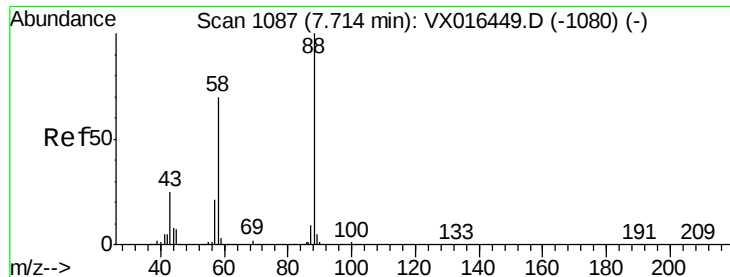


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1004.08 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

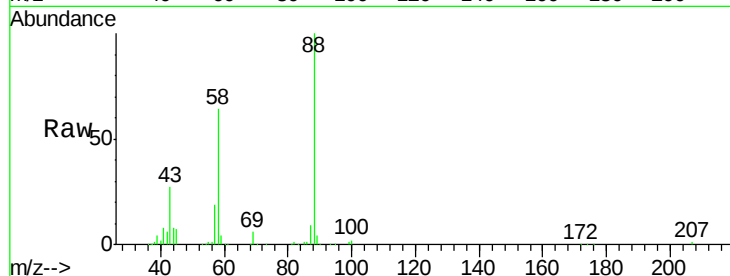
Tgt Ion: 88 Resp: 64696

Ion Ratio Lower Upper

88 100

43 29.4 24.2 36.4

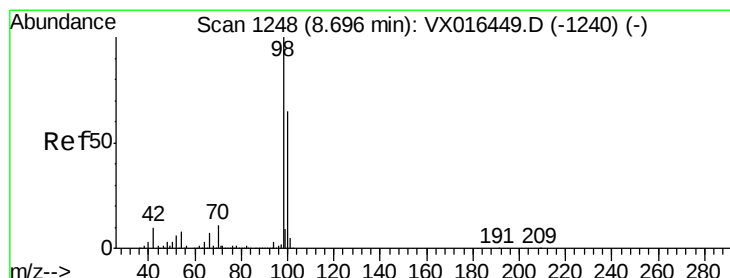
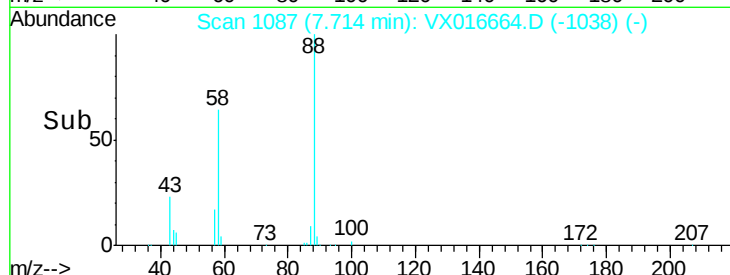
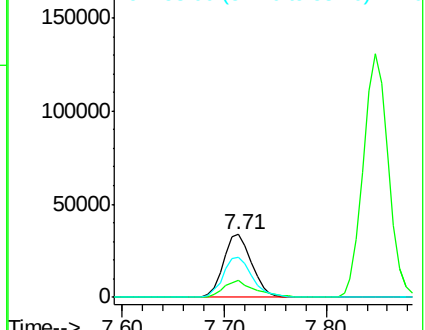
58 66.2 56.5 84.7



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: 50.21 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016664.D

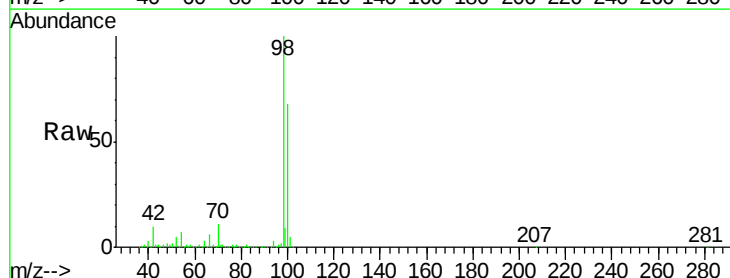
Acq: 10 Jun 2020 10:52

Tgt Ion: 98 Resp: 390233

Ion Ratio Lower Upper

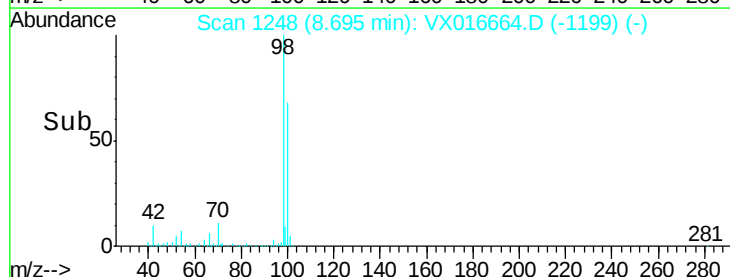
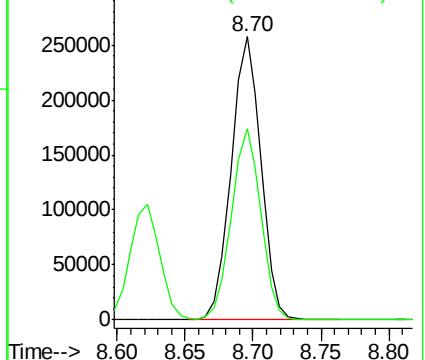
98 100

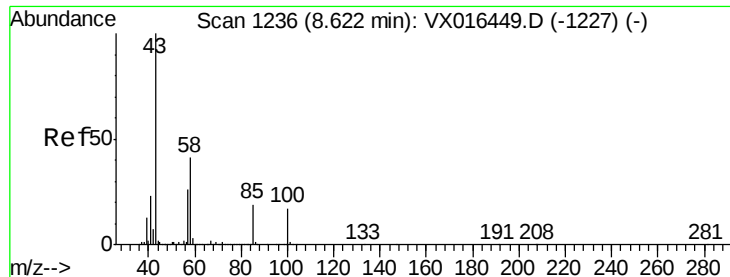
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

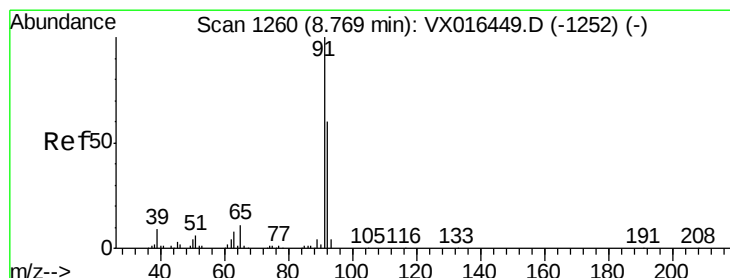
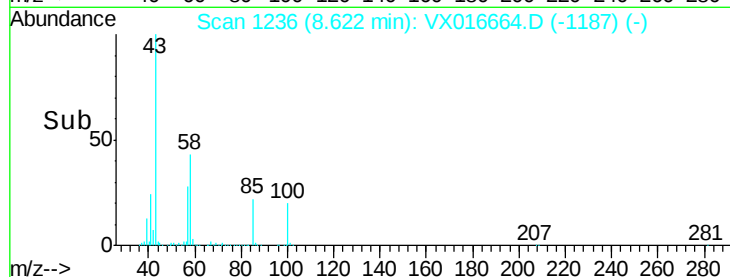
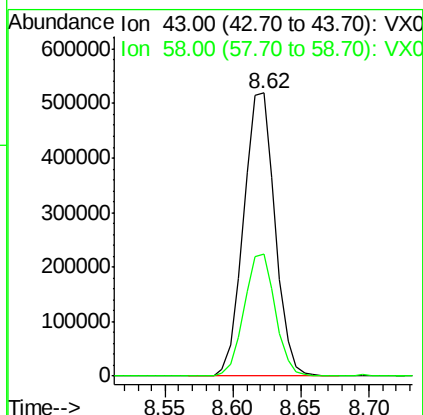
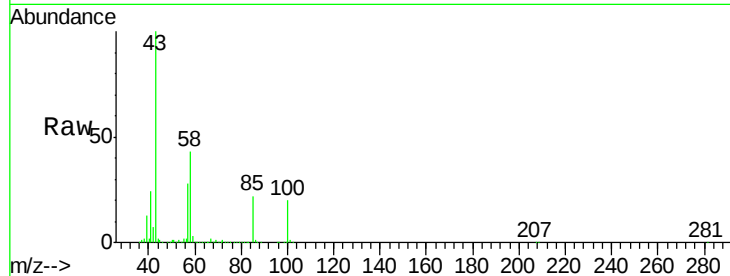




#51
 4-Methyl-2-Pentanone
 Concen: 234.23 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

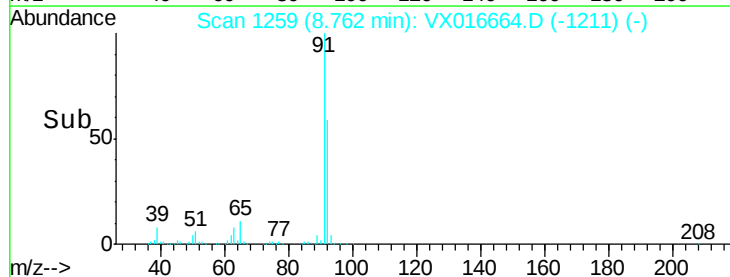
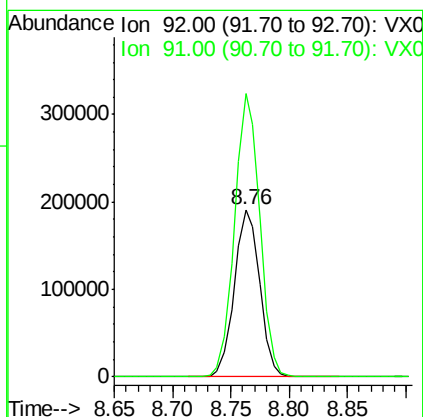
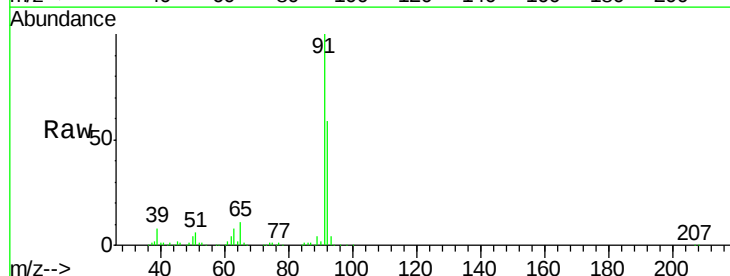
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

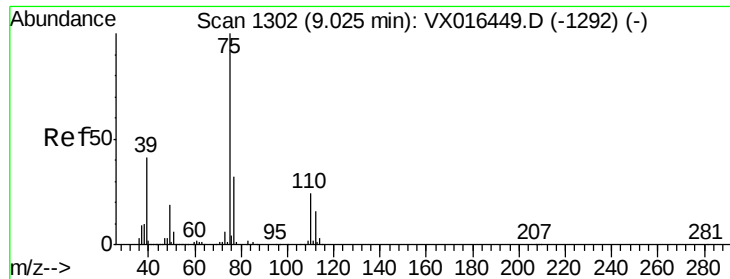
Tgt Ion: 43 Resp: 838676
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.0 49.6



#52
 Toluene
 Concen: 50.37 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion: 92 Resp: 290417
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 53.00 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

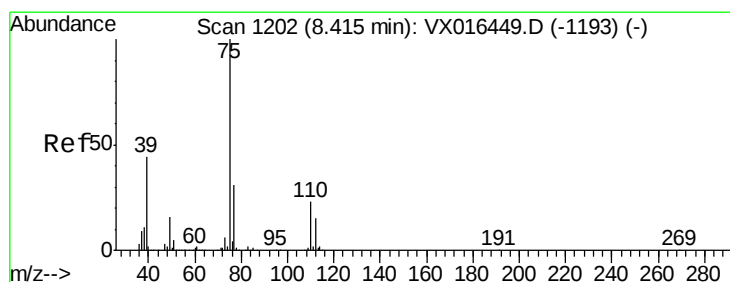
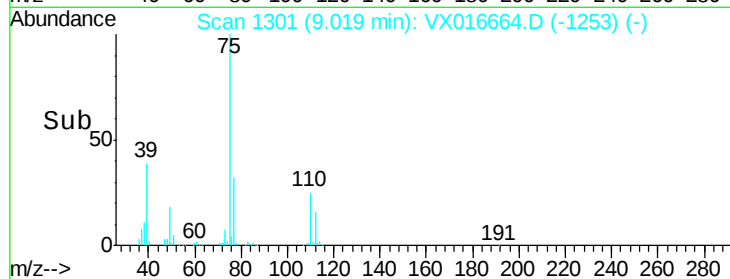
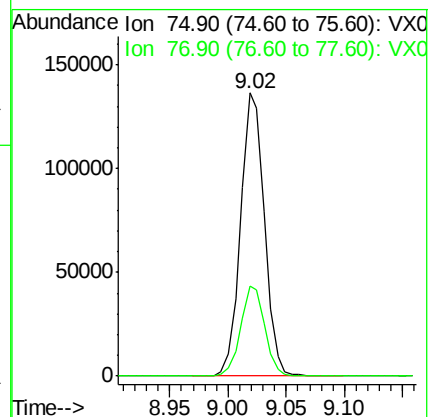
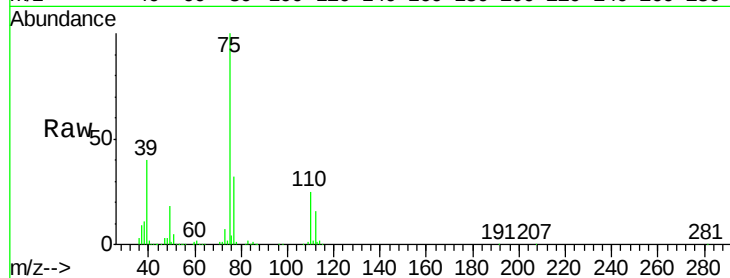
BFB

Tgt Ion: 75 Resp: 195122

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.17 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

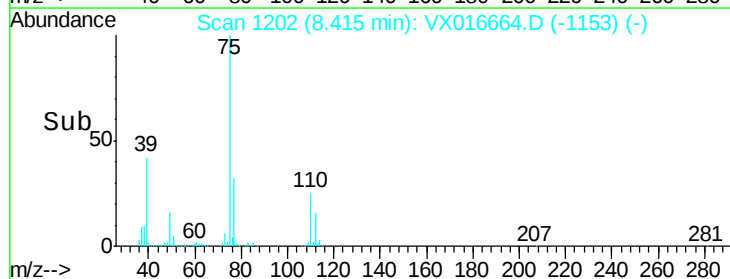
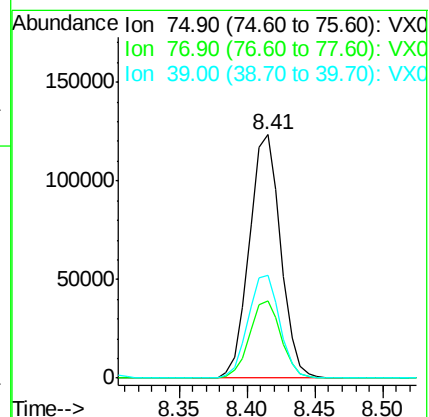
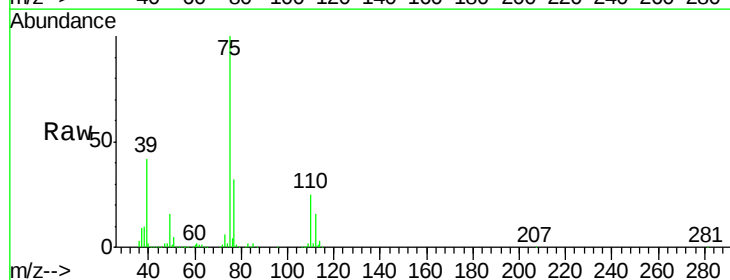
Tgt Ion: 75 Resp: 199404

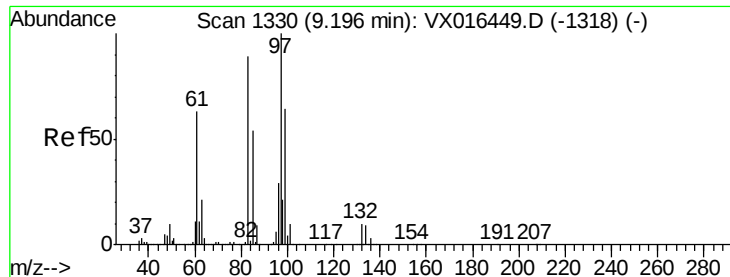
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 42.0 35.3 52.9

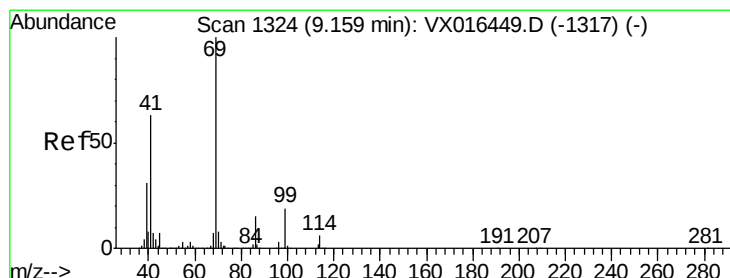
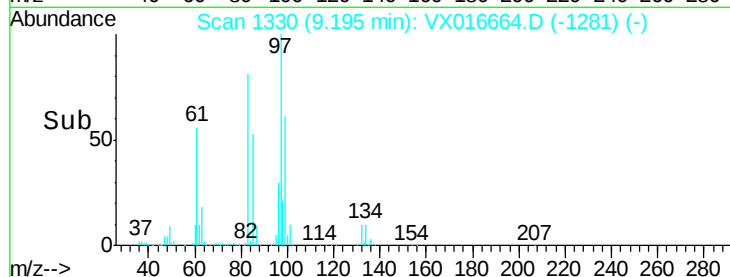
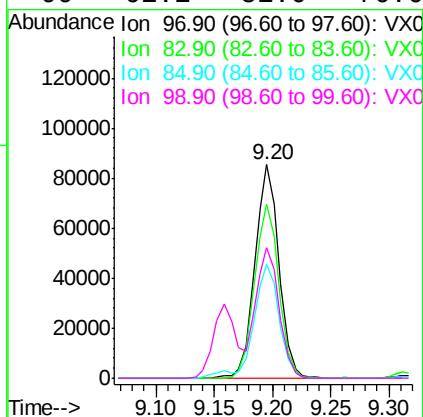
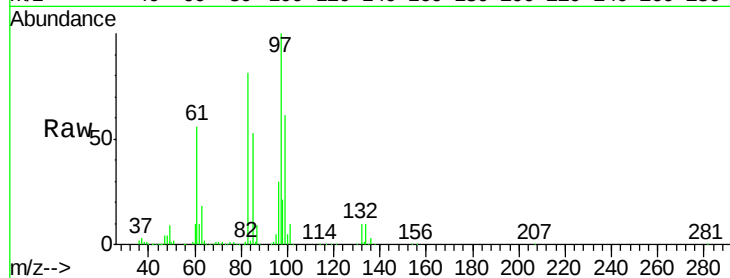




#55
 1,1,2-Trichloroethane
 Concen: 53.47 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

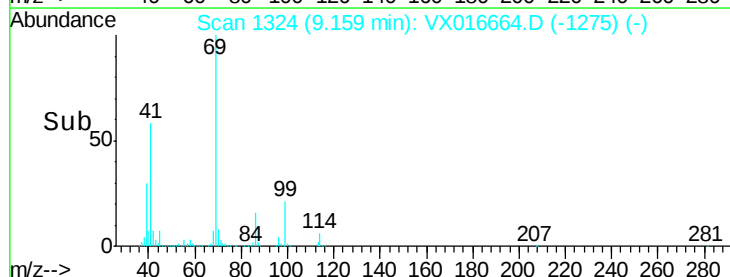
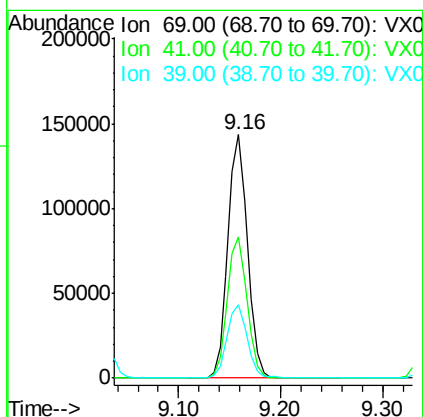
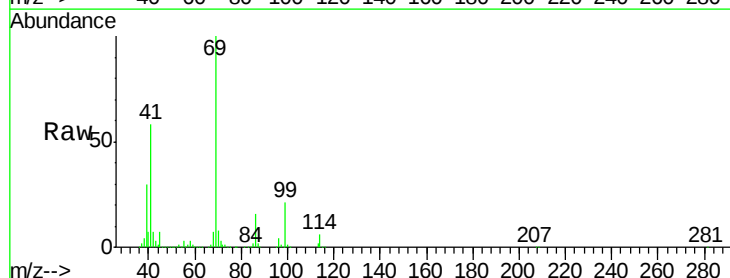
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	122599
Ion	Ratio	Lower	Upper
97	100		
83	81.2	70.9	106.3
85	53.1	43.4	65.2
99	61.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.98 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion:	69	Resp:	190372
Ion	Ratio	Lower	Upper
69	100		
41	58.4	50.7	76.1
39	31.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 51.45 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

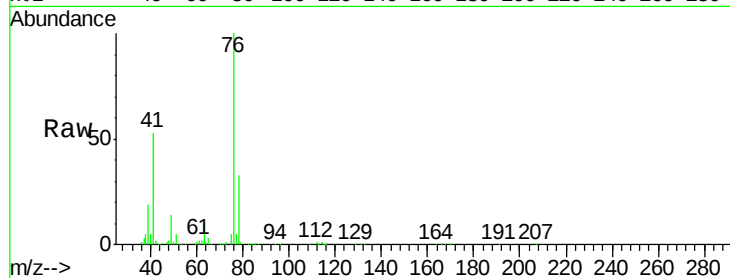
BFB

Tgt Ion: 76 Resp: 202459

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

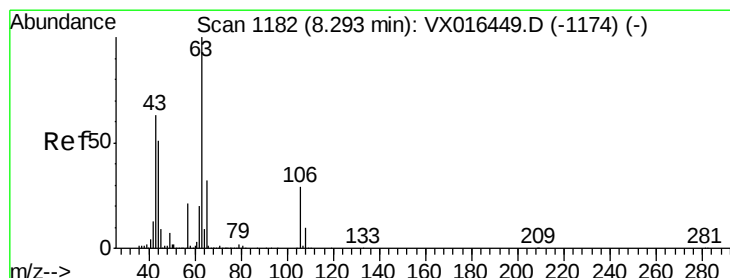
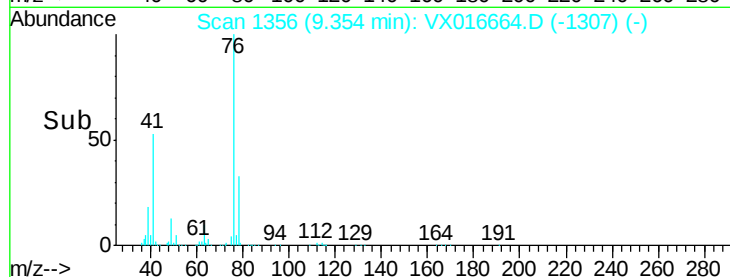
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.98 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016664.D

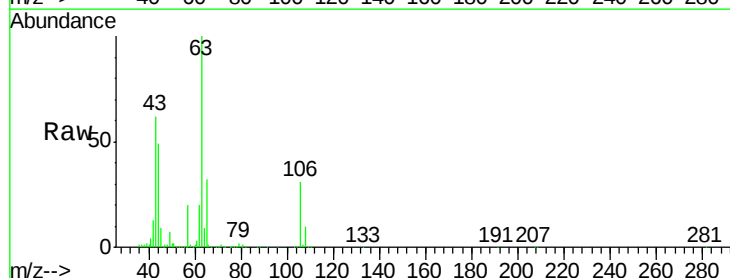
Acq: 10 Jun 2020 10:52

Tgt Ion: 63 Resp: 477446

Ion Ratio Lower Upper

63 100

106 31.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

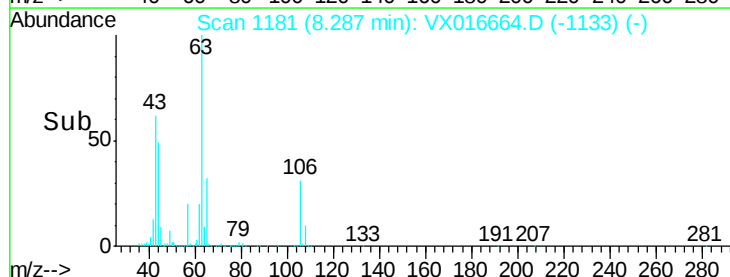
300000

200000

100000

0

Time-->

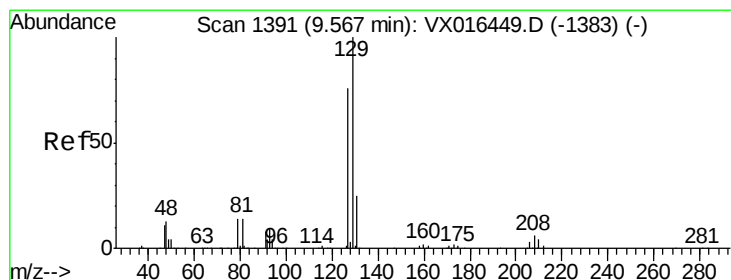
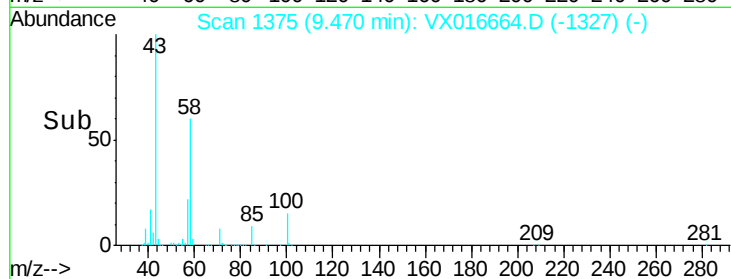
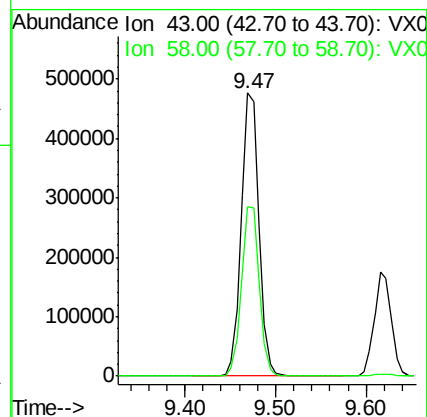
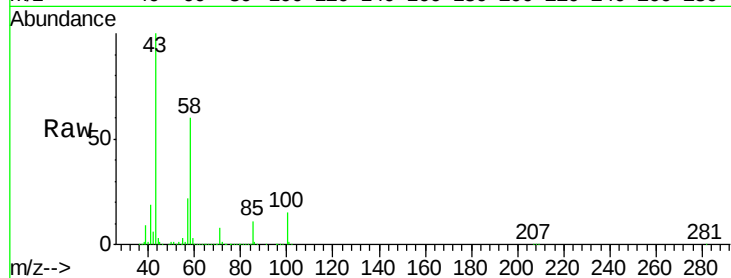




#59
2-Hexanone
Concen: 231.51 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

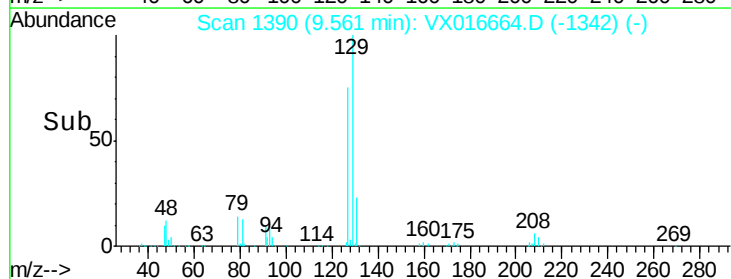
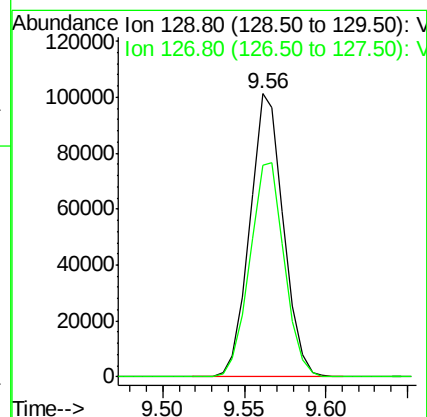
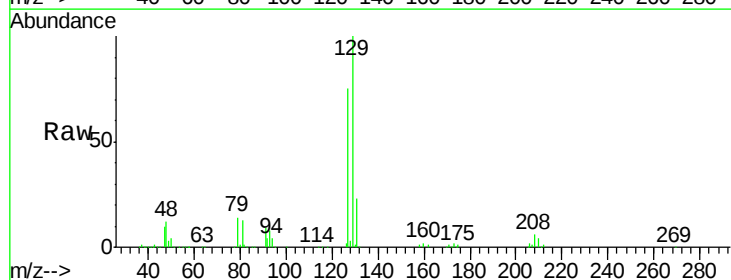
Instrument :
MSVOA_X
ClientSampleId :
BFB

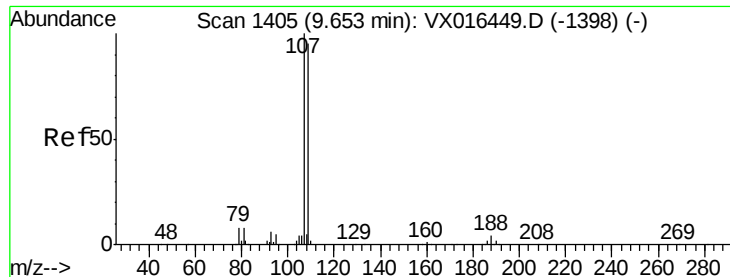
Tgt Ion: 43 Resp: 644609
Ion Ratio Lower Upper
43 100
58 60.2 28.8 86.4



#60
Dibromochloromethane
Concen: 56.21 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 129 Resp: 145032
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.73 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

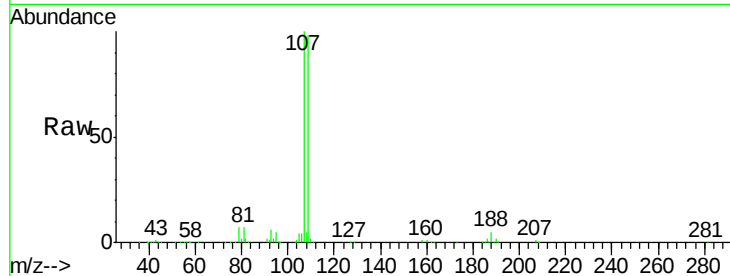
BFB

Tgt Ion: 107 Resp: 129449

Ion Ratio Lower Upper

107 100

109 96.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

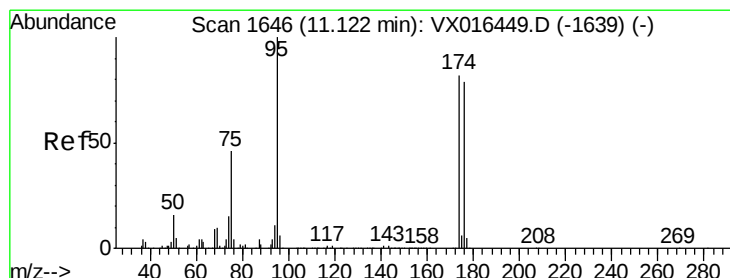
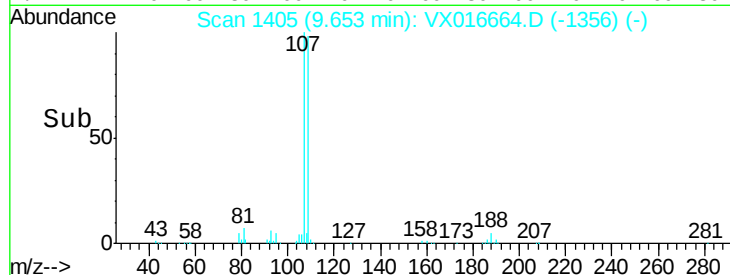
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.79 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

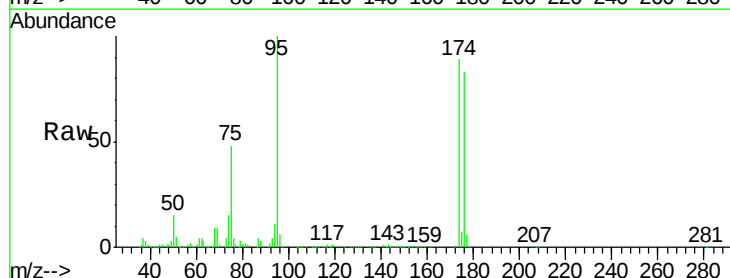
Tgt Ion: 95 Resp: 152524

Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.0

176 82.6 0.0 156.8



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

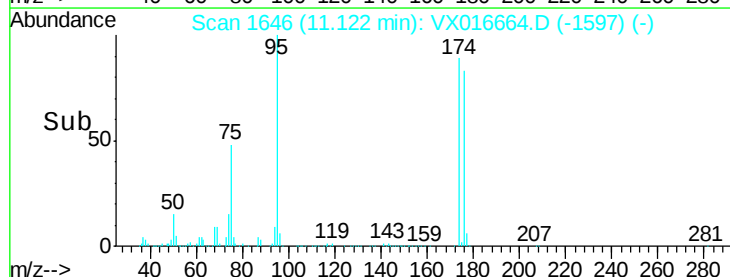
150000

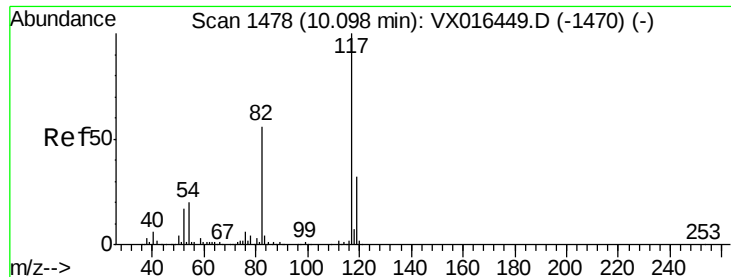
100000

50000

0

Time-->

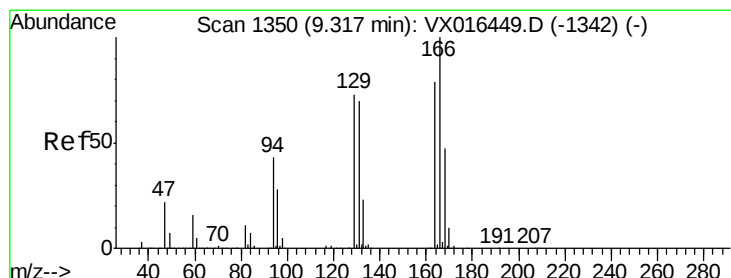
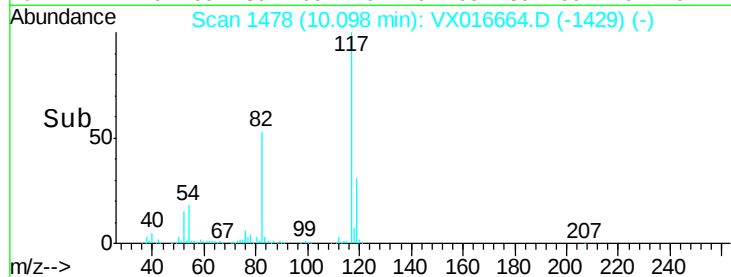
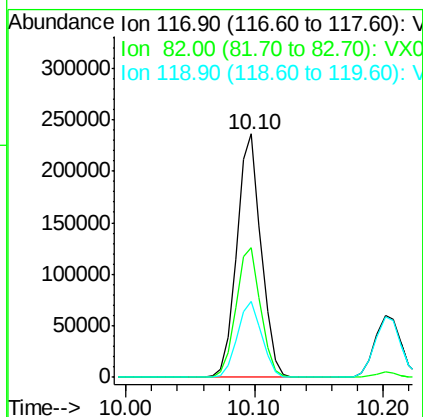
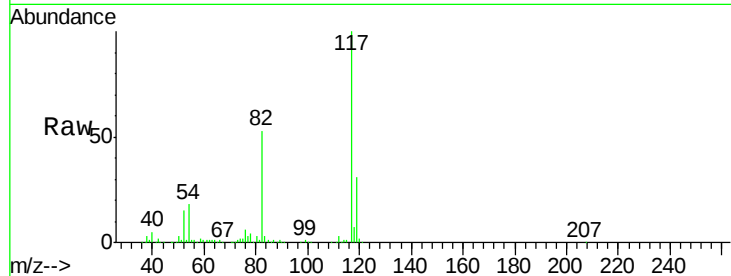




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

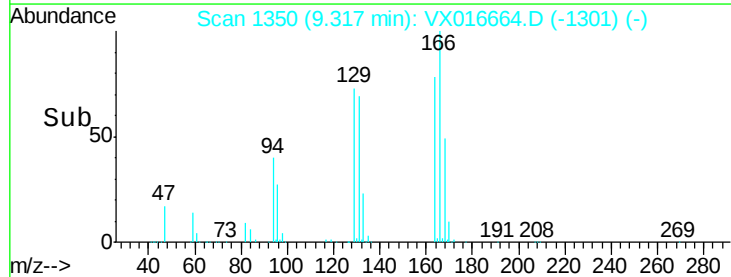
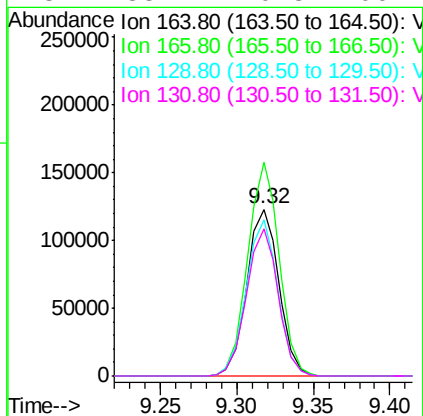
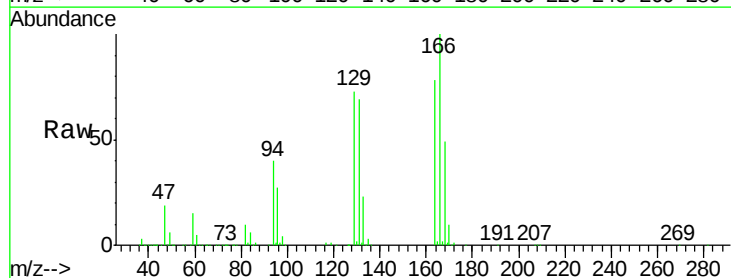
Instrument :
MSVOA_X
ClientSampleId :
BFB

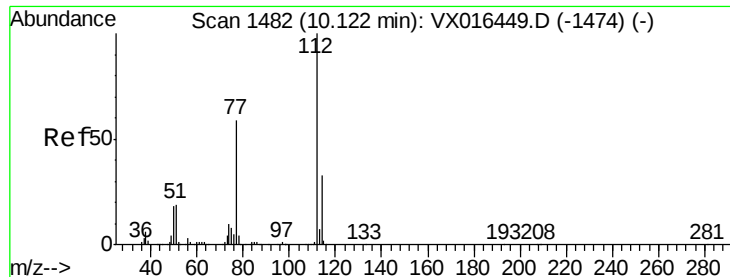
Tgt Ion:117 Resp: 308750
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.6
119 31.0 25.8 38.8



#64
Tetrachloroethene
Concen: 51.73 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion:164 Resp: 178676
Ion Ratio Lower Upper
164 100
166 128.3 100.9 151.3
129 94.1 73.2 109.8
131 88.7 70.8 106.2

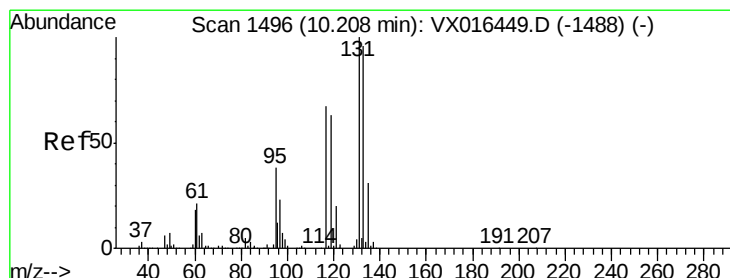
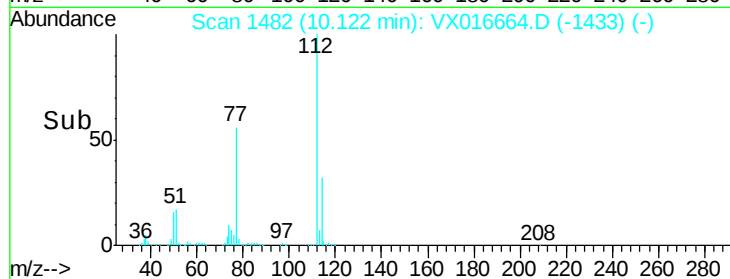
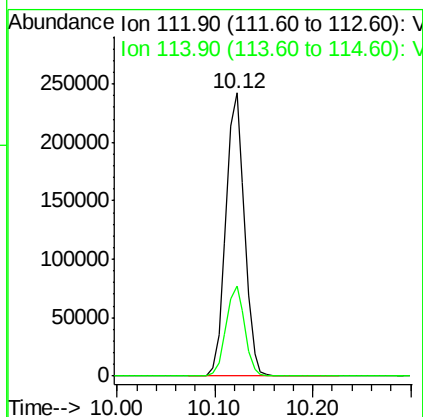
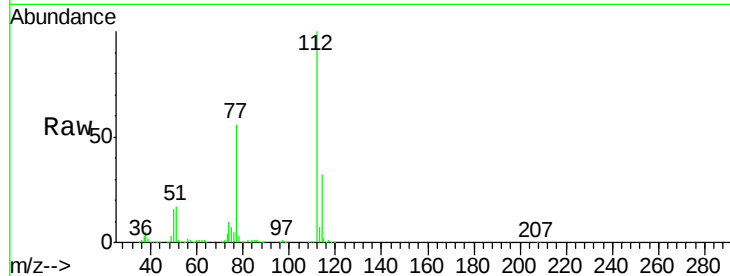




#65
Chlorobenzene
Concen: 50.89 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

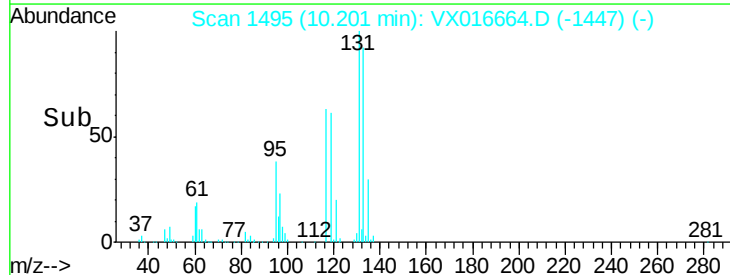
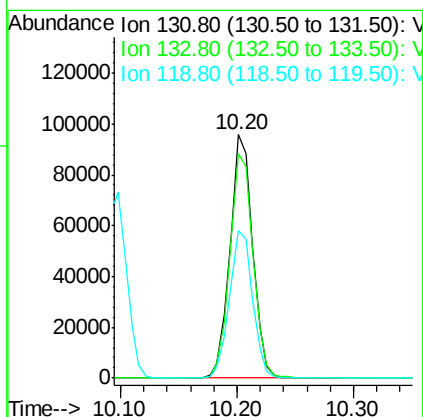
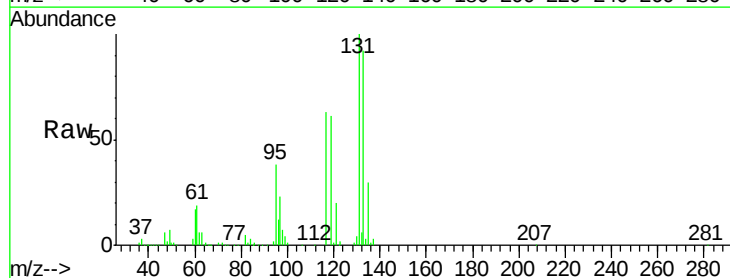
Instrument :
MSVOA_X
ClientSampled :
BFB

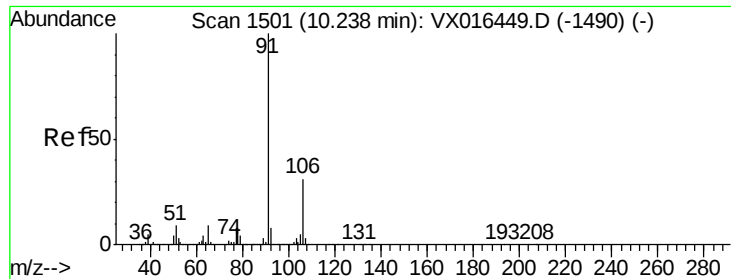
Tgt Ion:112 Resp: 320328
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.89 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion:131 Resp: 129495
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 62.4 32.0 96.2

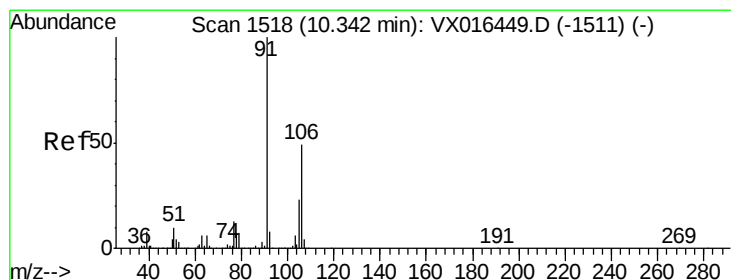
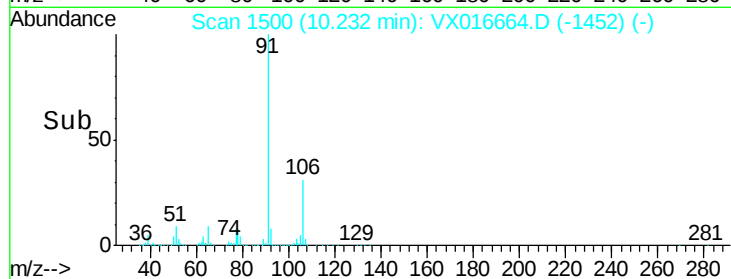
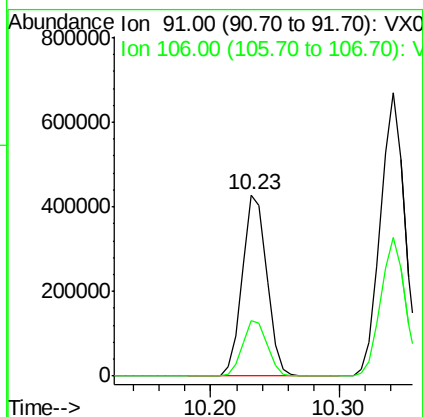
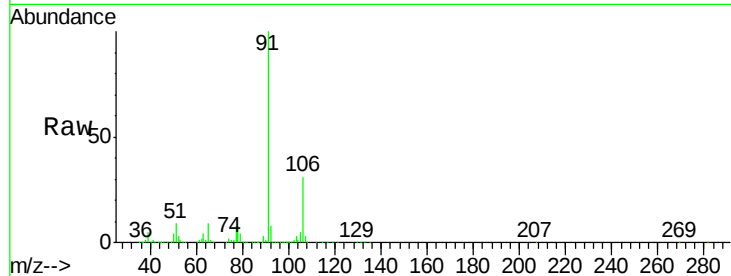




#67
Ethyl Benzene
Concen: 50.06 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

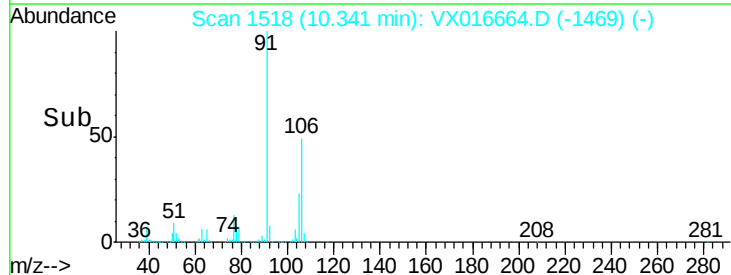
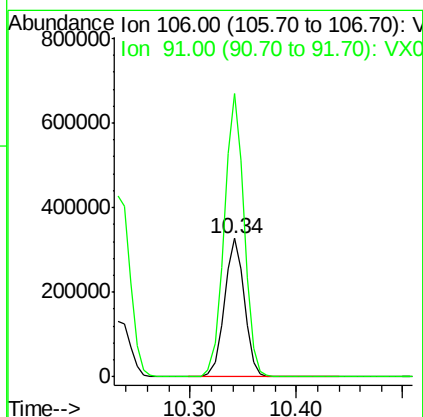
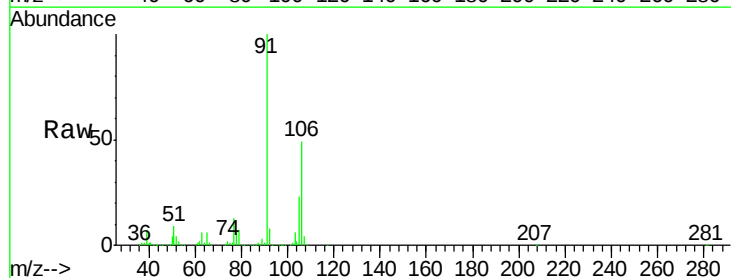
Instrument :
MSVOA_X
ClientSampleId :
BFB

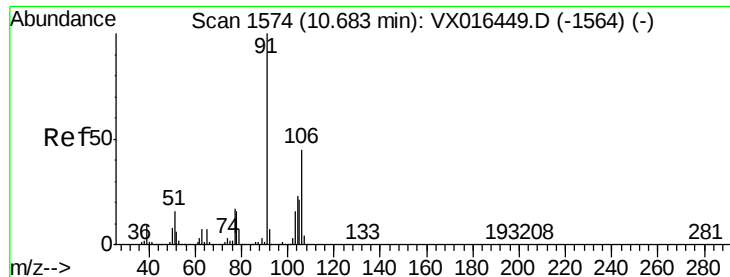
Tgt Ion: 91 Resp: 560990
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 103.27 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion: 106 Resp: 429098
Ion Ratio Lower Upper
106 100
91 203.3 163.8 245.8

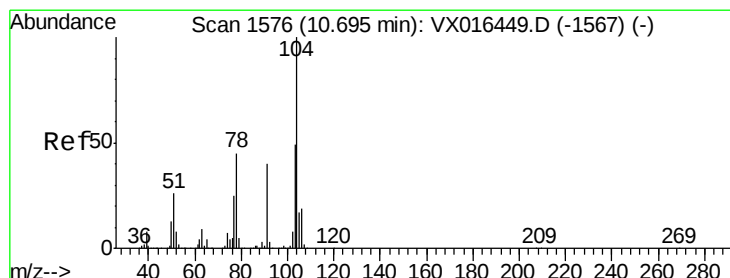
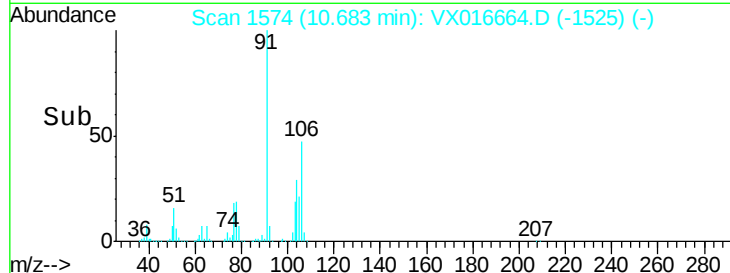
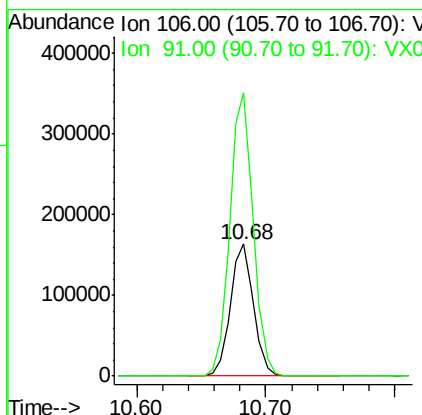
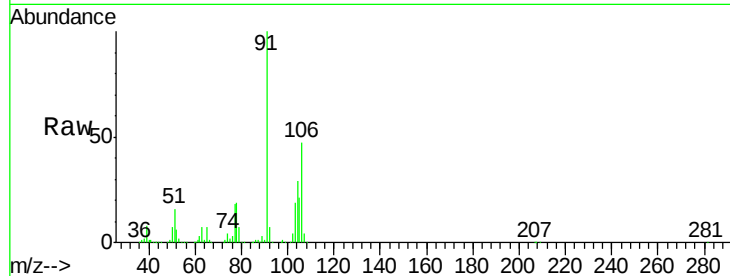




#69
o-Xylene
Concen: 51.10 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

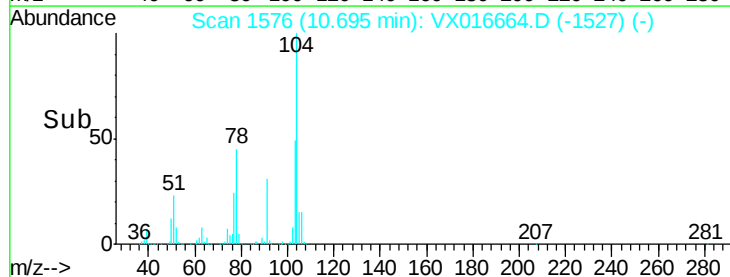
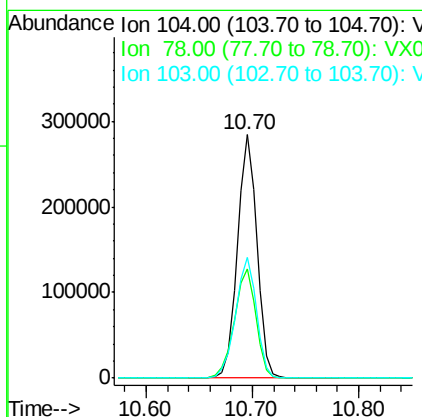
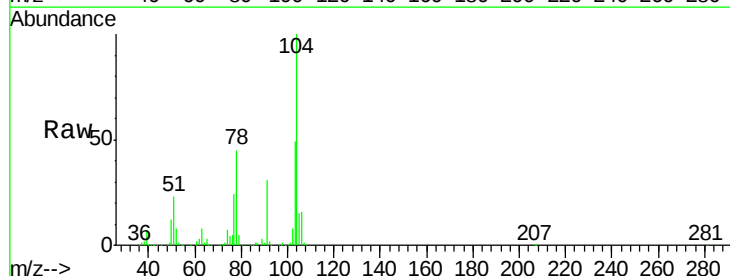
Instrument :
MSVOA_X
ClientSampled :
BFB

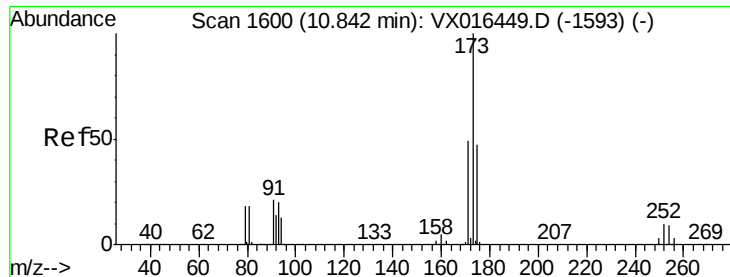
Tgt Ion:106 Resp: 205634
Ion Ratio Lower Upper
106 100
91 216.6 109.6 328.8



#70
Styrene
Concen: 52.96 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016664.D
Acq: 10 Jun 2020 10:52

Tgt Ion:104 Resp: 366331
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 53.4 43.1 64.7





#71

Bromoform

Concen: 56.93 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

BFB

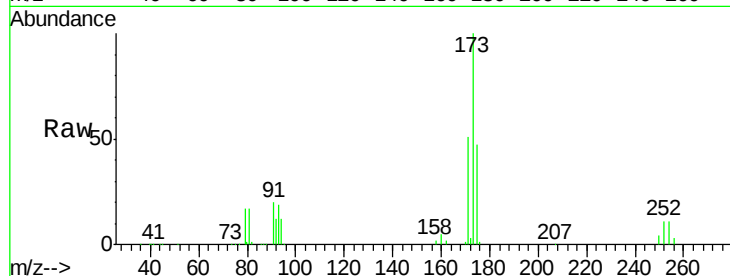
Tgt Ion:173 Resp: 115599

Ion Ratio Lower Upper

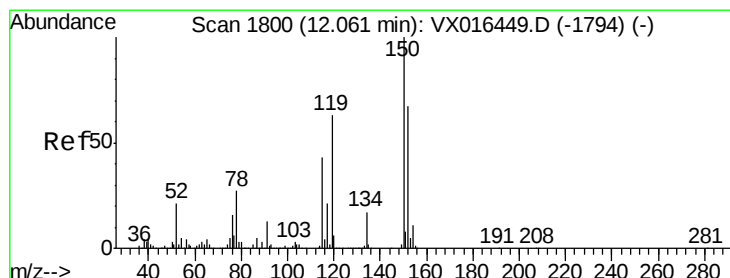
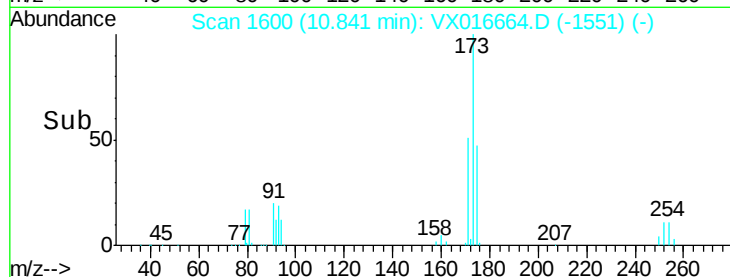
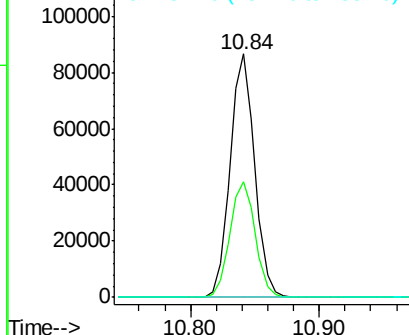
173 100

175 48.8 23.9 71.7

254 0.0 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: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

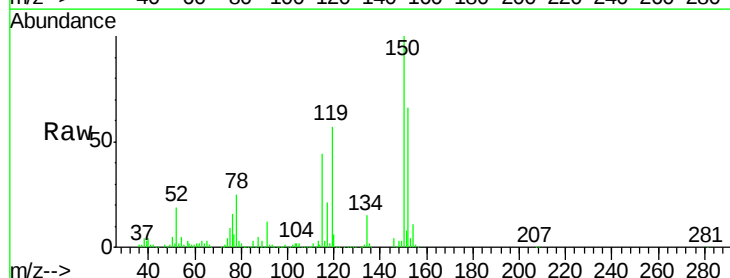
Tgt Ion:152 Resp: 159048

Ion Ratio Lower Upper

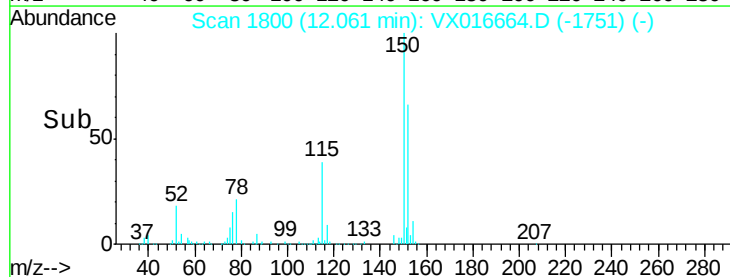
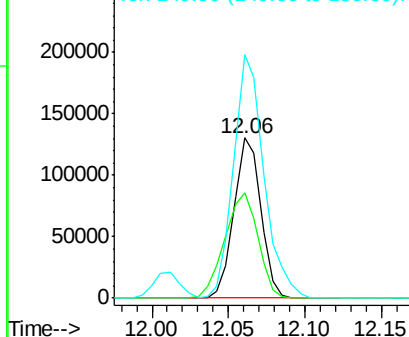
152 100

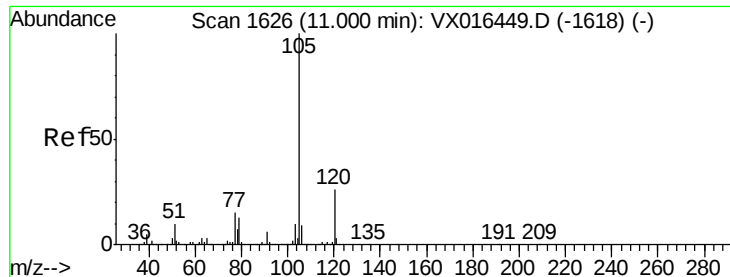
115 81.6 39.9 119.6

150 171.9 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.40 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

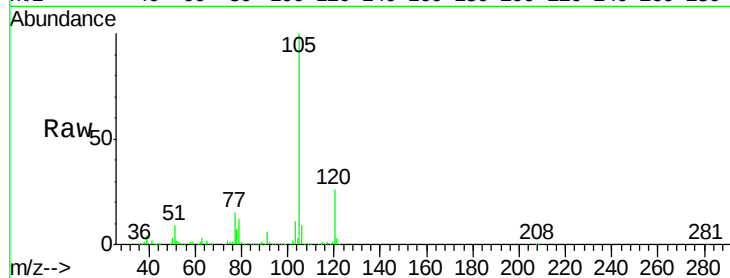
BFB

Tgt Ion: 105 Resp: 555408

Ion Ratio Lower Upper

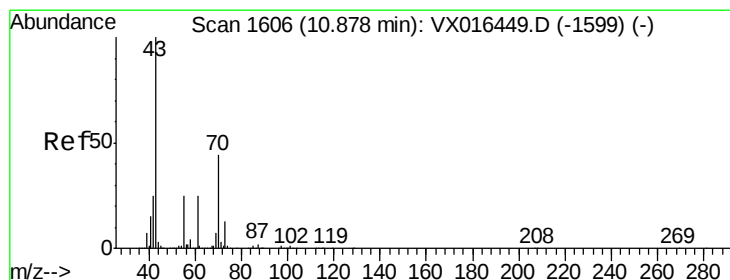
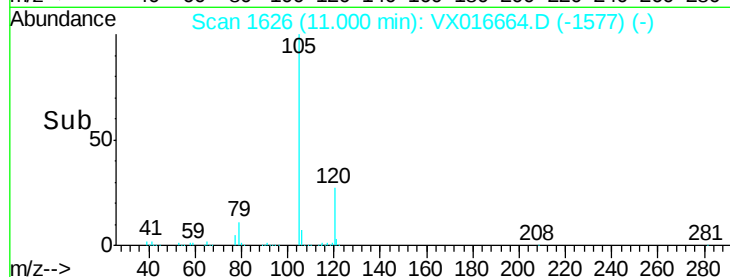
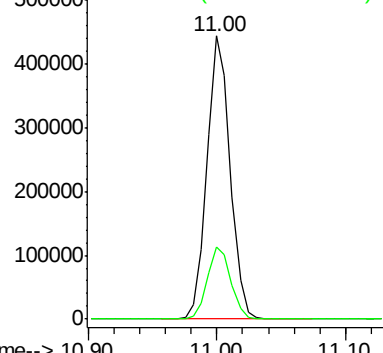
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.73 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Tgt Ion: 43 Resp: 216596

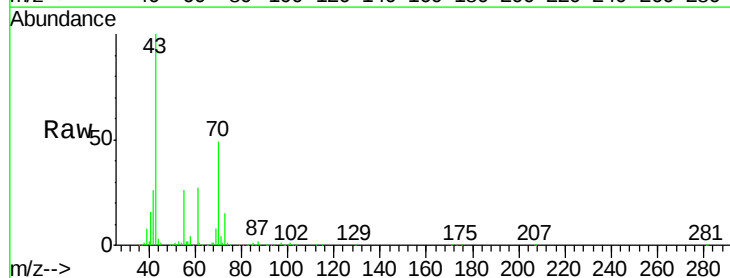
Ion Ratio Lower Upper

43 100

70 50.2 36.1 54.1

55 26.8 20.2 30.4

61 27.1 20.3 30.5

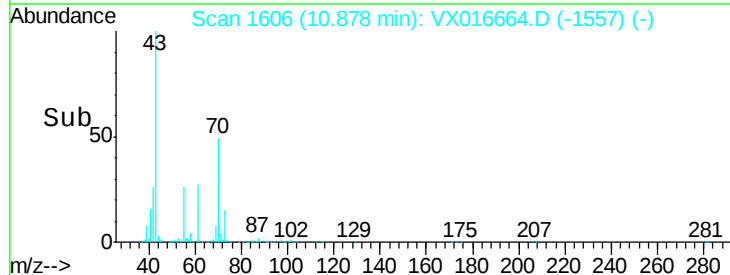
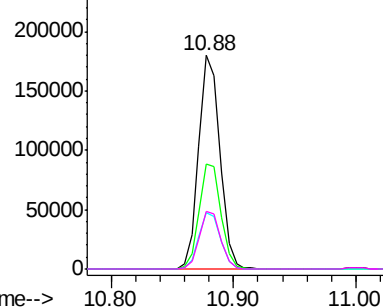


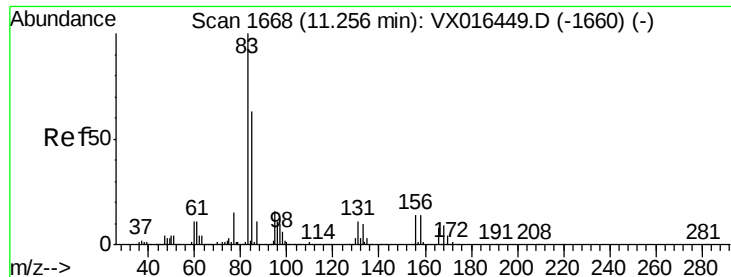
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.73 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

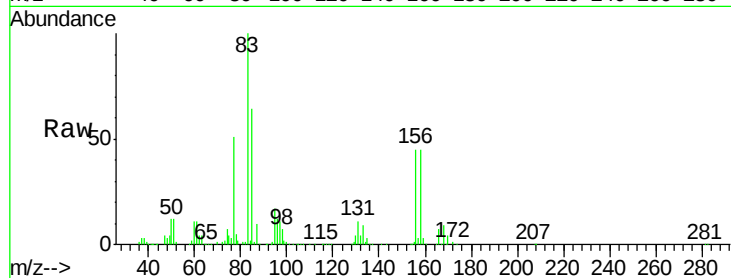
Tgt Ion: 83 Resp: 142865

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

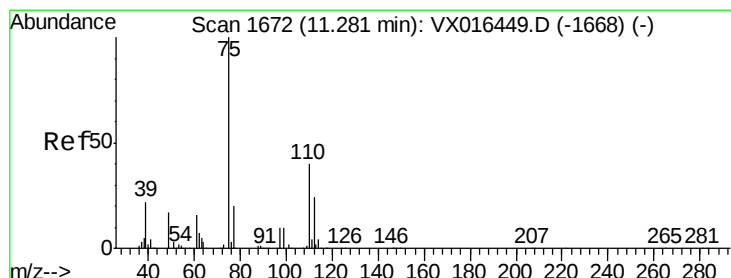
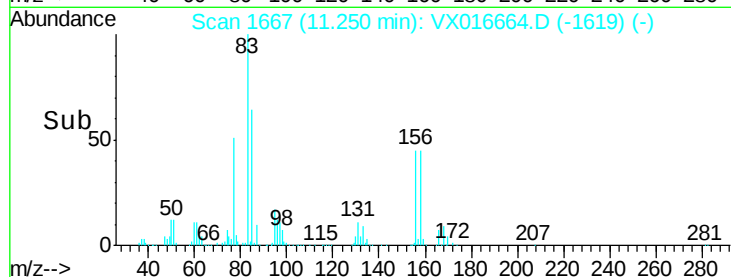
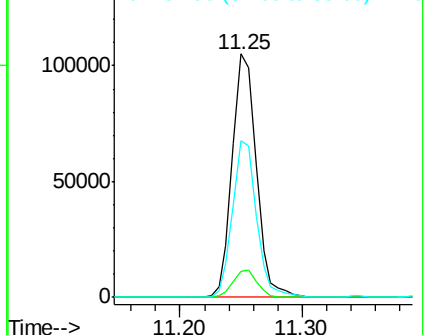
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.12 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016664.D

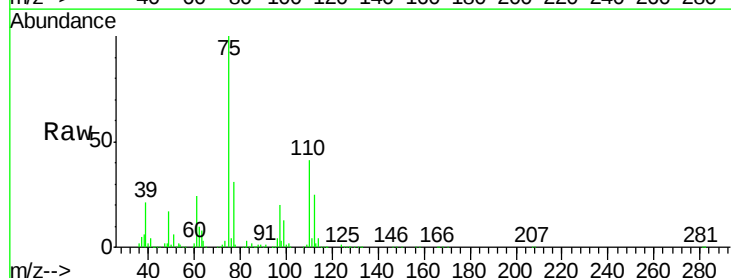
Acq: 10 Jun 2020 10:52

Tgt Ion: 75 Resp: 224176

Ion Ratio Lower Upper

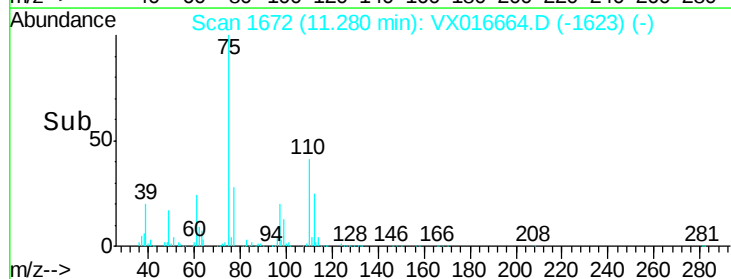
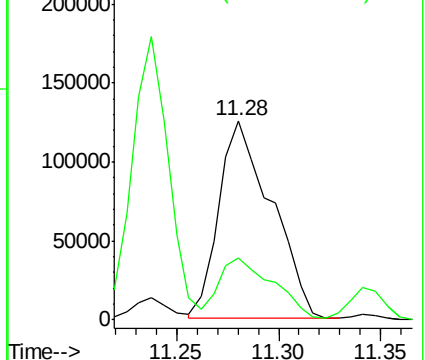
75 100

77 32.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.81 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

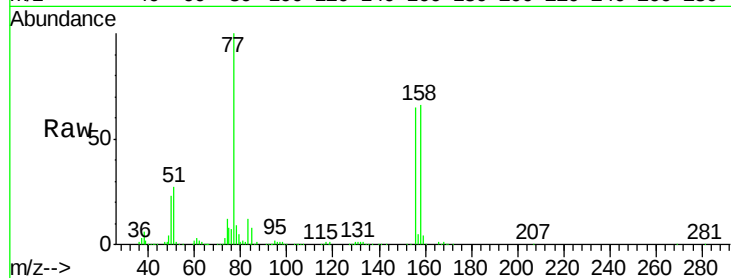
Tgt Ion:156 Resp: 146849

Ion Ratio Lower Upper

156 100

77 152.0 79.6 238.8

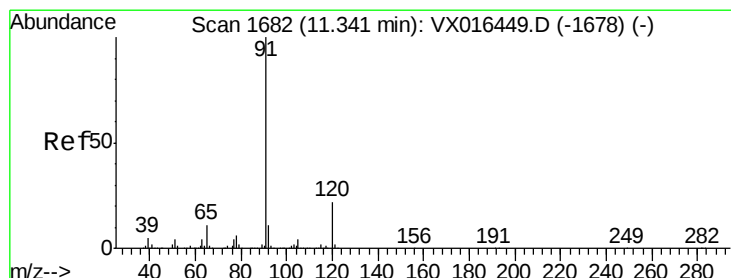
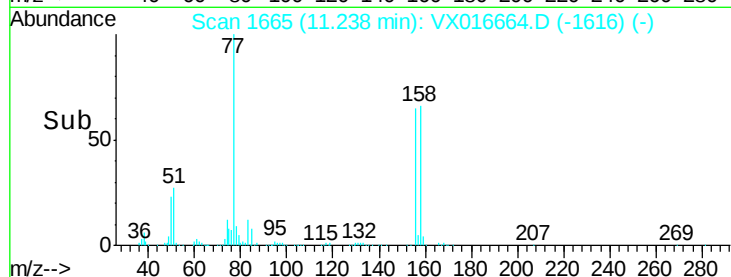
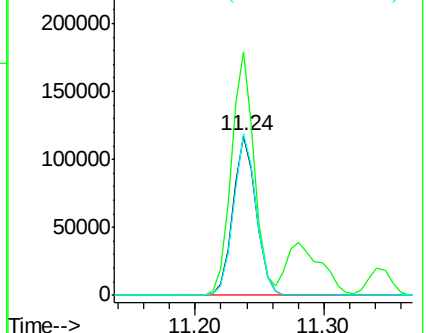
158 99.3 48.1 144.4



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: 50.46 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016664.D

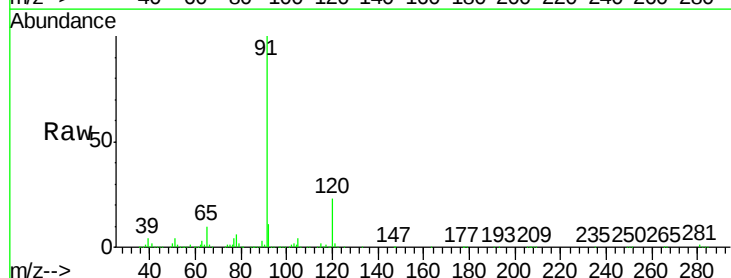
Acq: 10 Jun 2020 10:52

Tgt Ion: 91 Resp: 621312

Ion Ratio Lower Upper

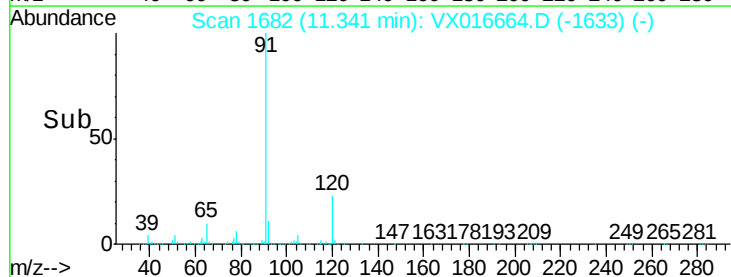
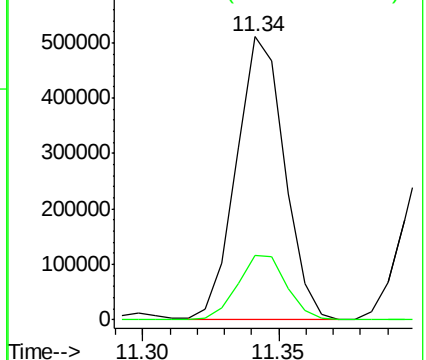
91 100

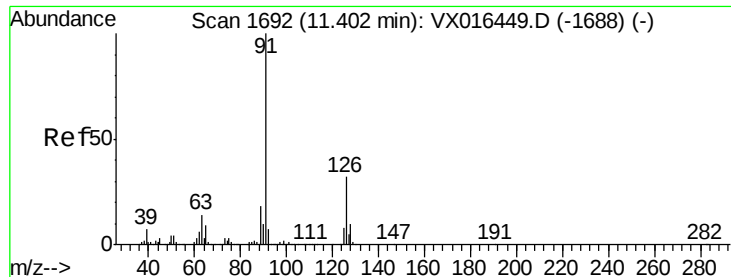
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.95 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

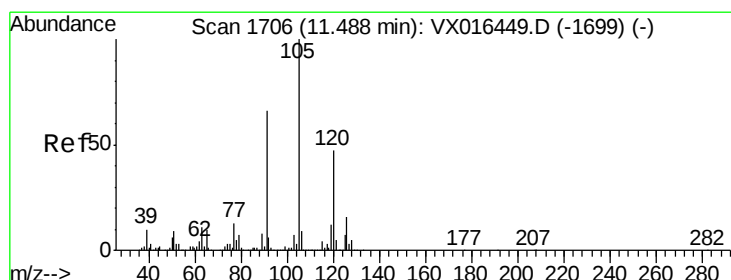
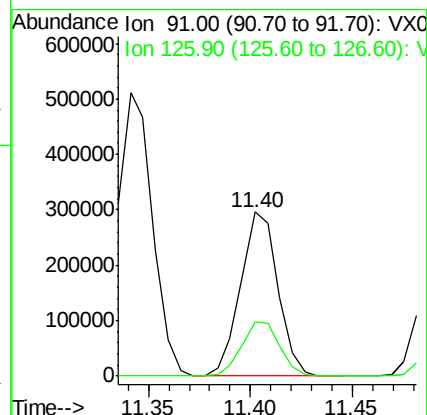
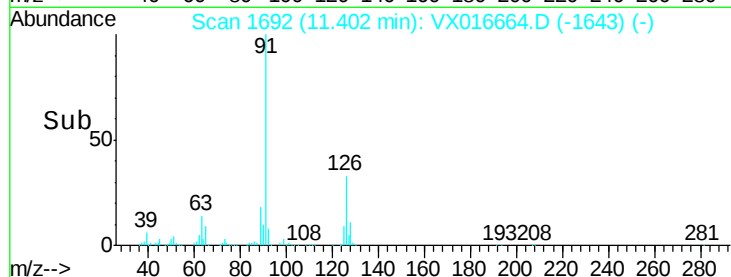
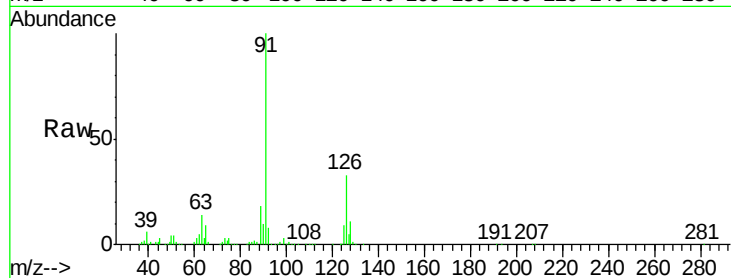
BFB

Tgt Ion: 91 Resp: 375373

Ion Ratio Lower Upper

91 100

126 34.0 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 51.69 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016664.D

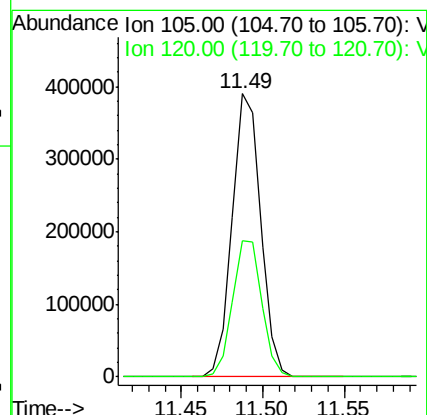
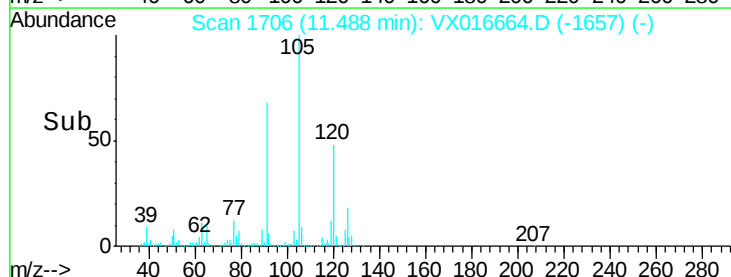
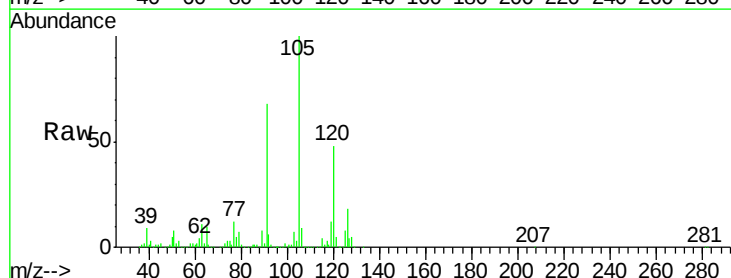
Acq: 10 Jun 2020 10:52

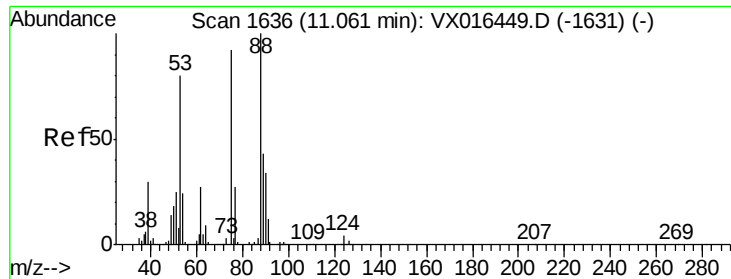
Tgt Ion: 105 Resp: 475645

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.90 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

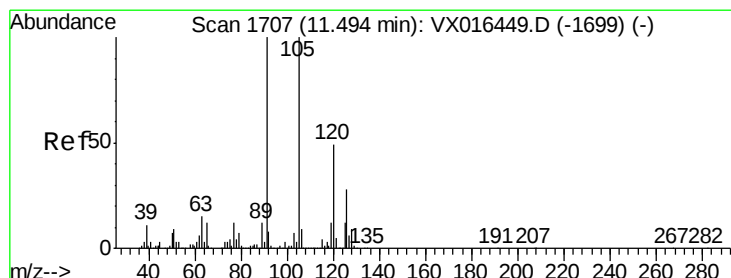
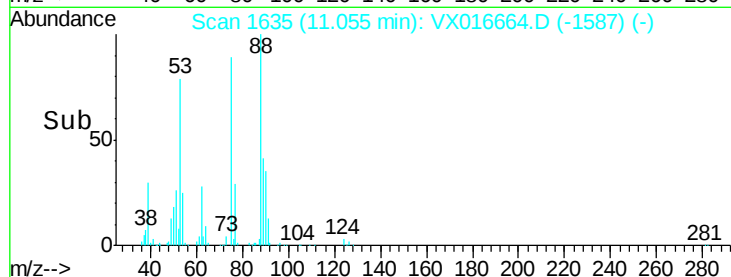
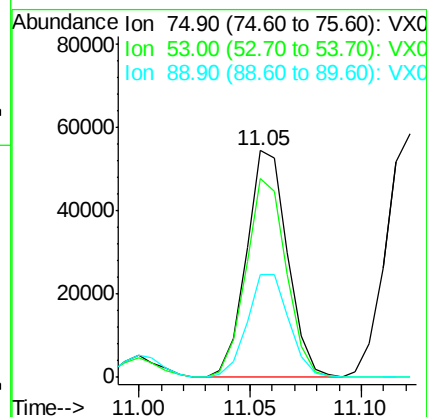
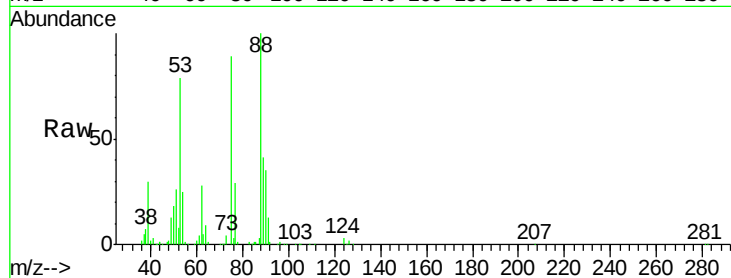
Tgt Ion: 75 Resp: 69491

Ion Ratio Lower Upper

75 100

53 86.9 71.3 106.9

89 46.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 50.12 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016664.D

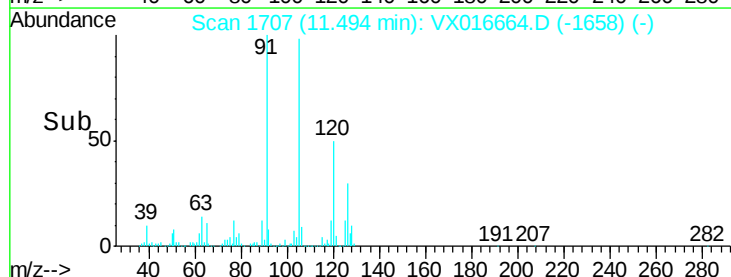
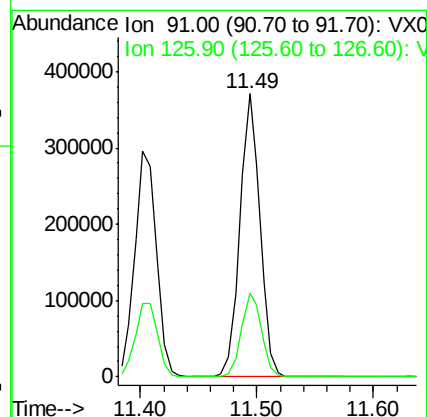
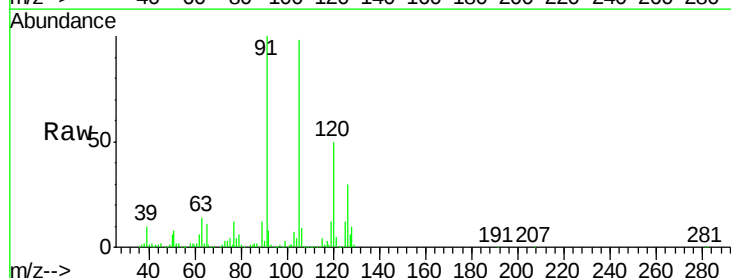
Acq: 10 Jun 2020 10:52

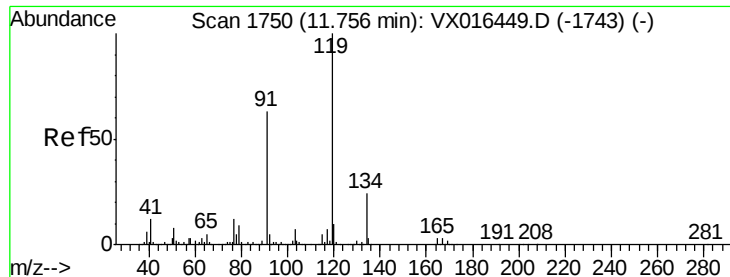
Tgt Ion: 91 Resp: 444774

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

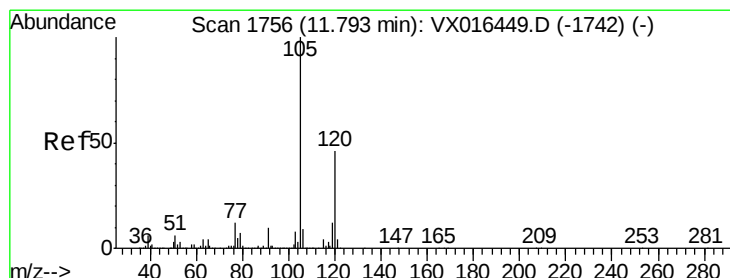
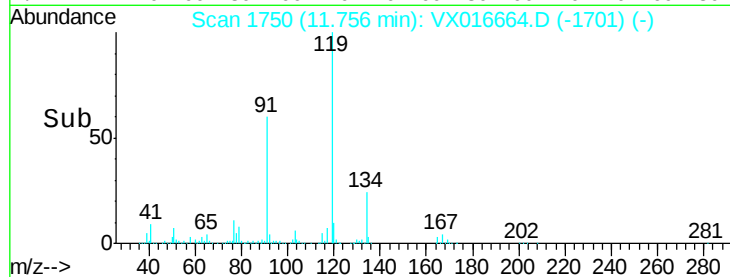
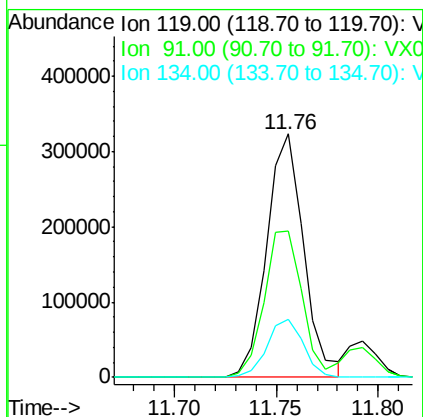
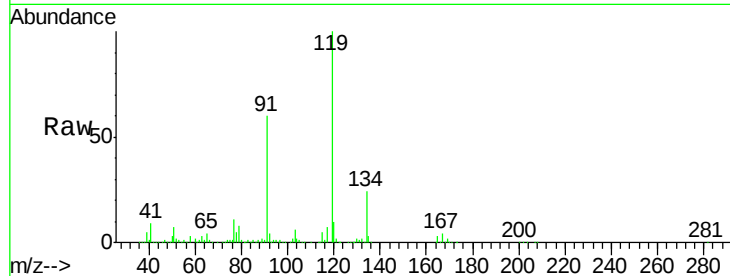




#83
 tert-Butylbenzene
 Concen: 52.01 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

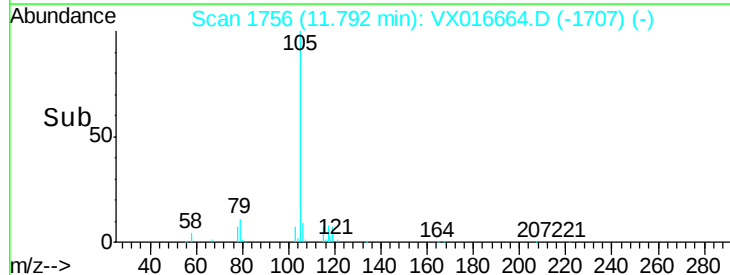
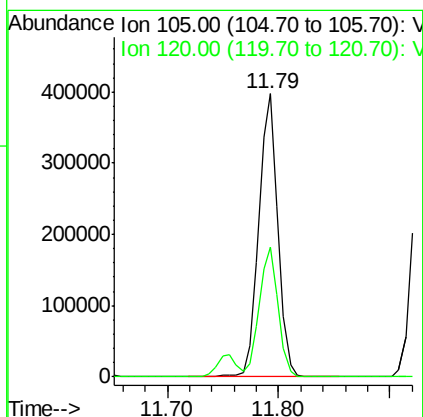
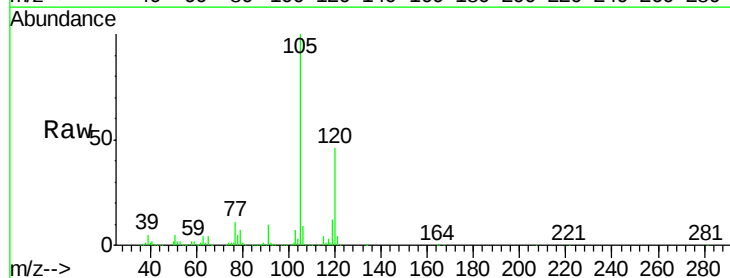
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 408914
 Ion Ratio Lower Upper
 119 100
 91 61.3 31.3 93.8
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.00 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion:105 Resp: 474551
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.91 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

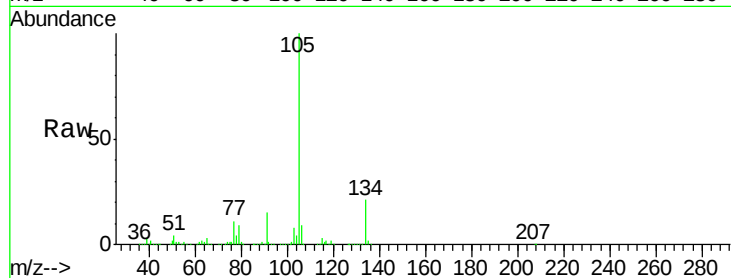
BFB

Tgt Ion:105 Resp: 511965

Ion Ratio Lower Upper

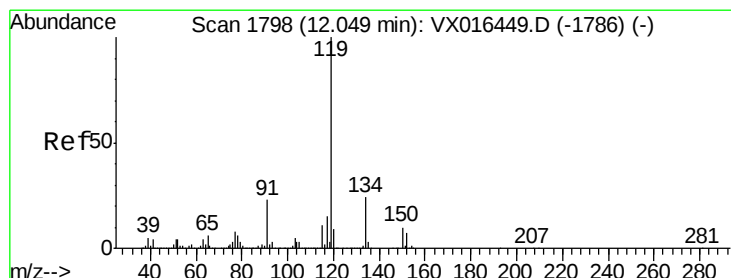
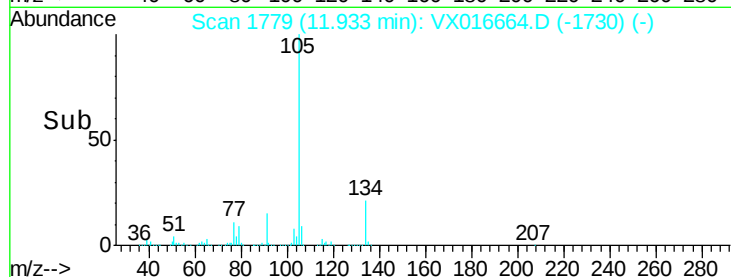
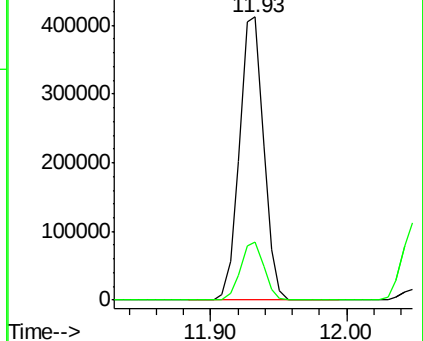
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.15 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

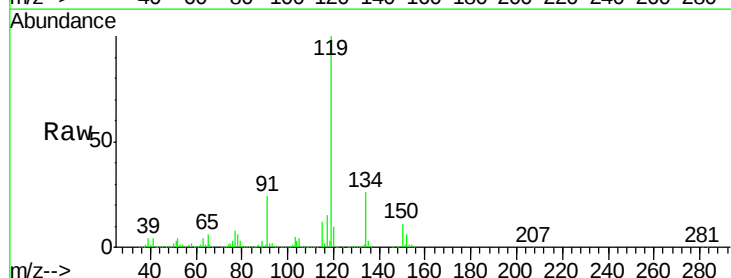
Tgt Ion:119 Resp: 491096

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

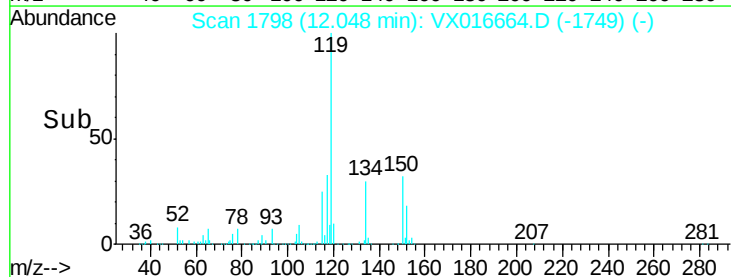
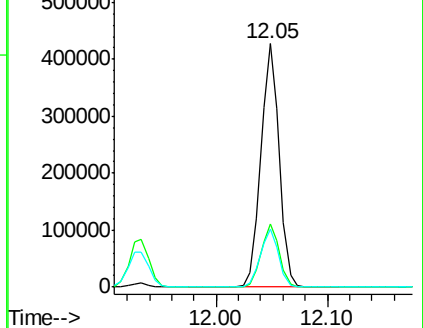
91 23.4 11.7 35.0

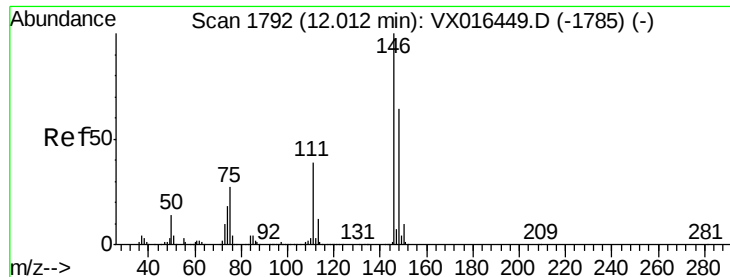


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

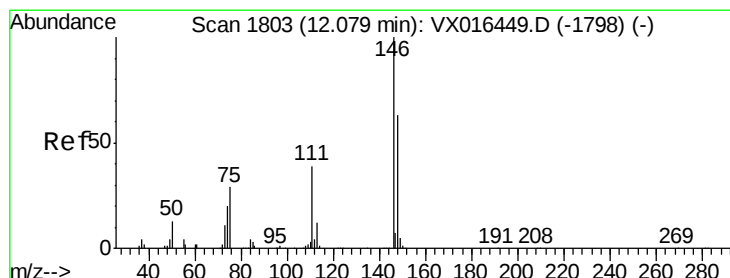
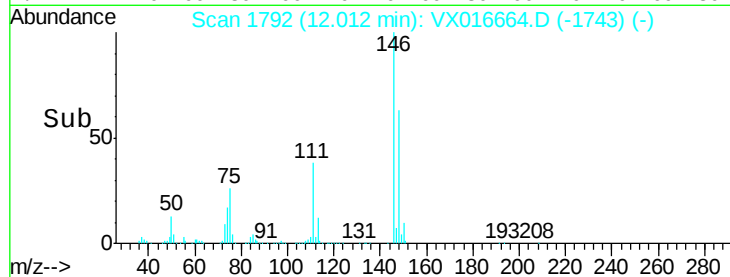
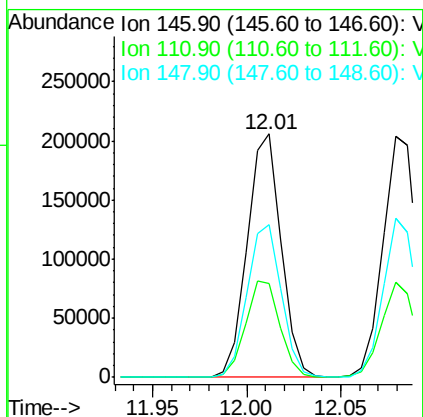
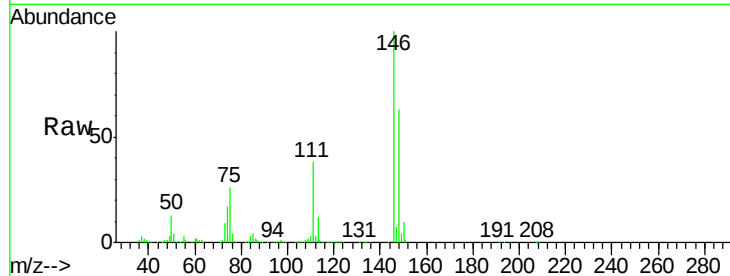




#87
 1,3-Dichlorobenzene
 Concen: 51.21 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

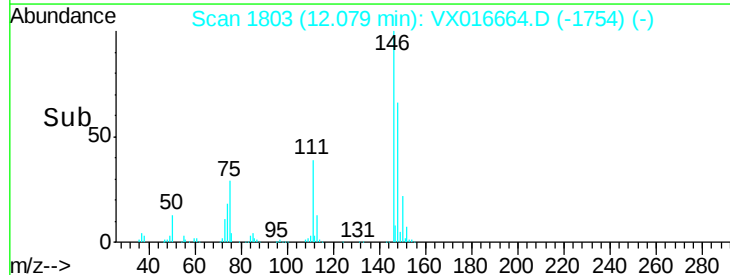
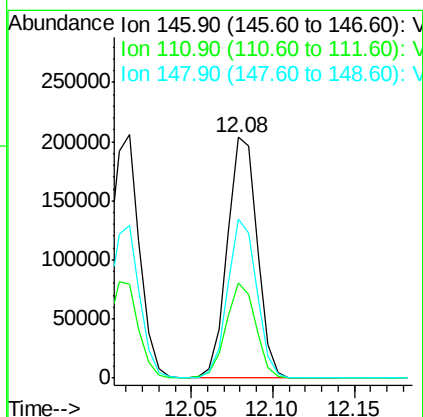
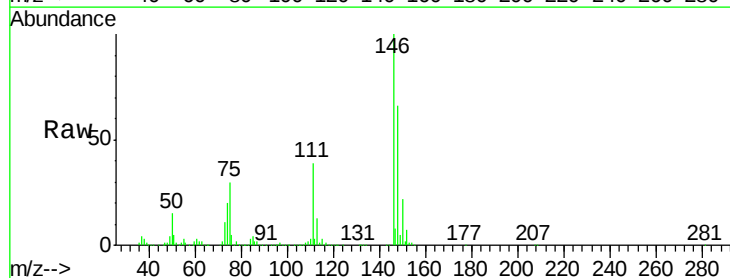
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

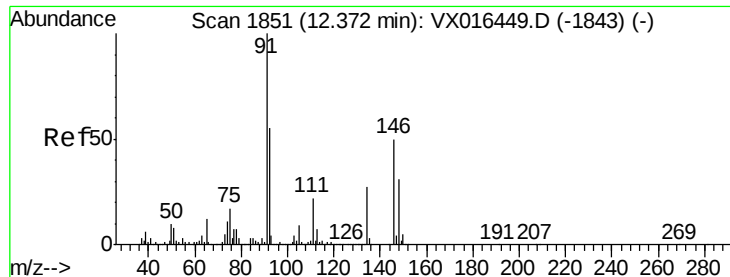
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.52 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.5	31.4	94.3





#89

n-Butylbenzene

Concen: 53.56 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

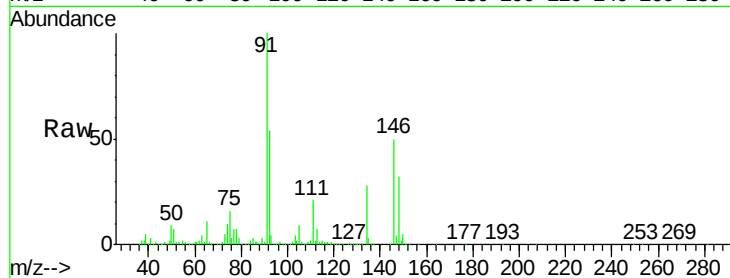
Tgt Ion: 91 Resp: 412162

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

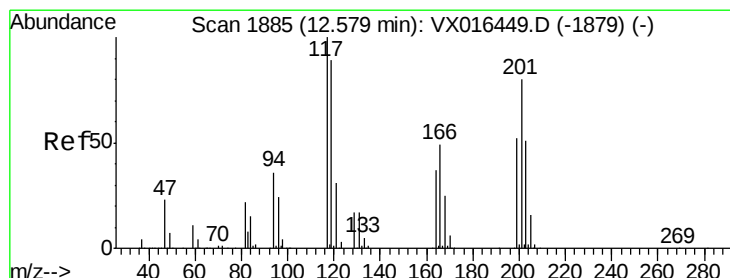
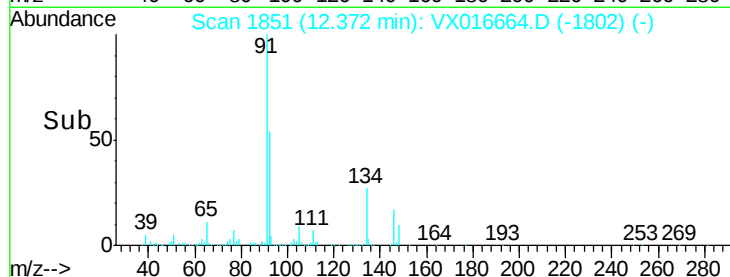
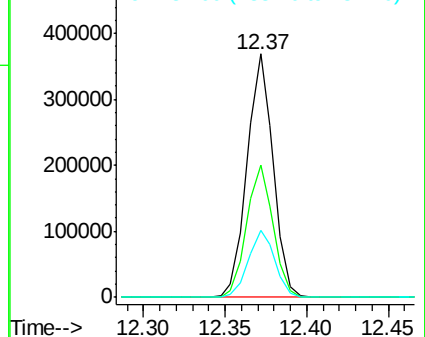
134 27.8 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX016664.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX016664.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016664.D (-1843) (-)



#90

Hexachloroethane

Concen: 52.37 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016664.D

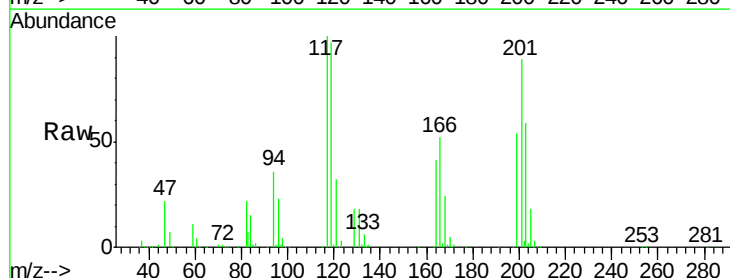
Acq: 10 Jun 2020 10:52

Tgt Ion: 117 Resp: 83574

Ion Ratio Lower Upper

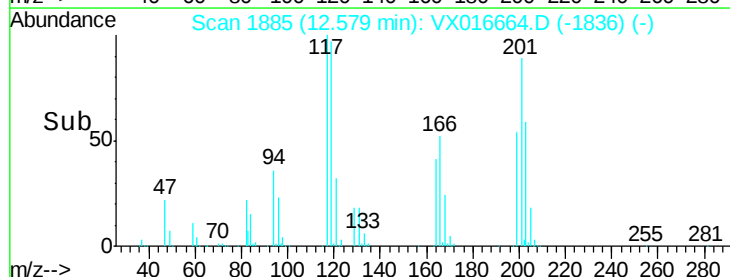
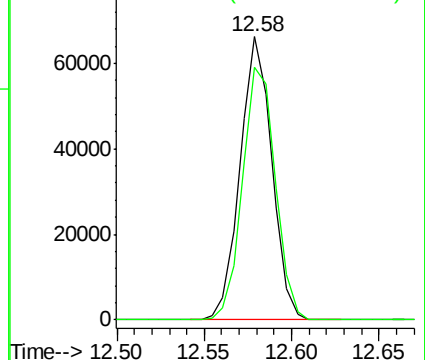
117 100

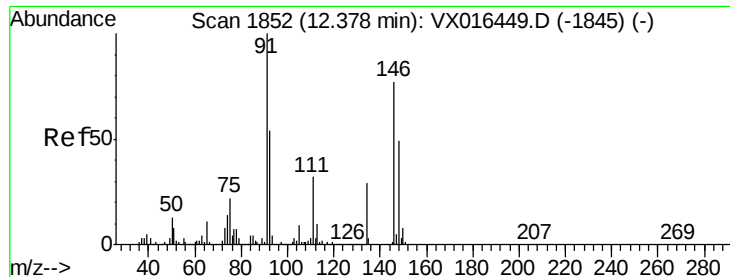
201 92.1 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX016664.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX016664.D (-1879) (-)





#91

1,2-Dichlorobenzene

Concen: 52.21 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

BFB

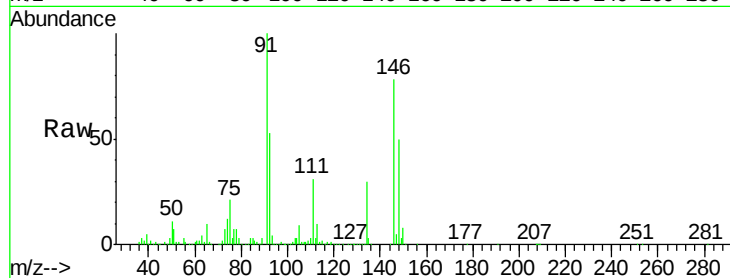
Tgt Ion:146 Resp: 253285

Ion Ratio Lower Upper

146 100

111 41.2 21.4 64.3

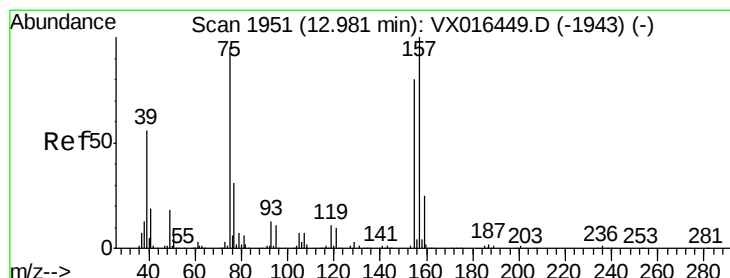
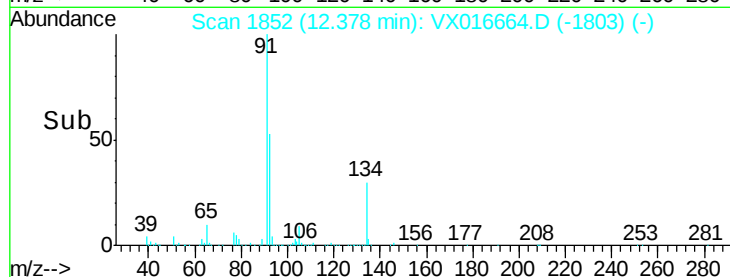
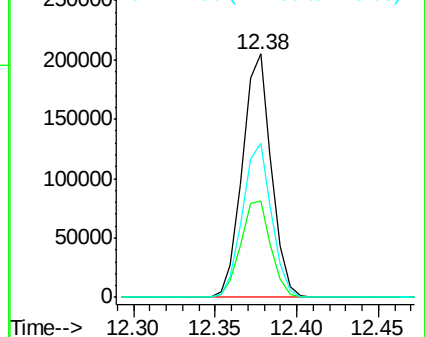
148 63.7 31.9 95.7



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: 49.67 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

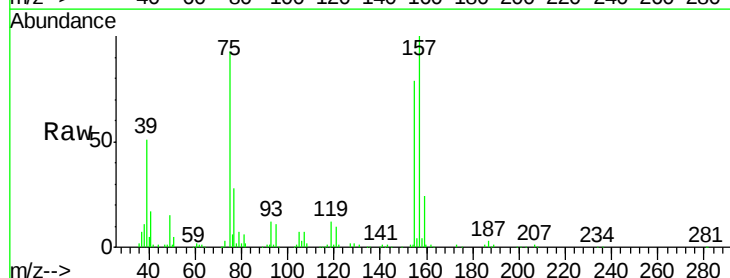
Tgt Ion: 75 Resp: 44432

Ion Ratio Lower Upper

75 100

155 90.6 44.1 132.4

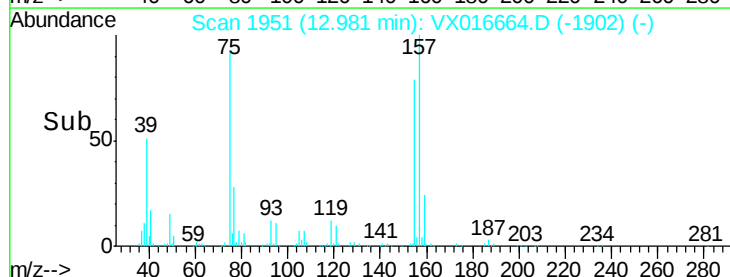
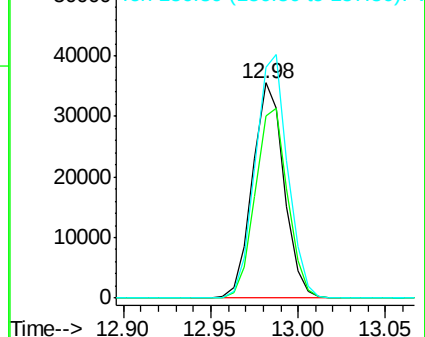
157 116.2 57.8 173.3

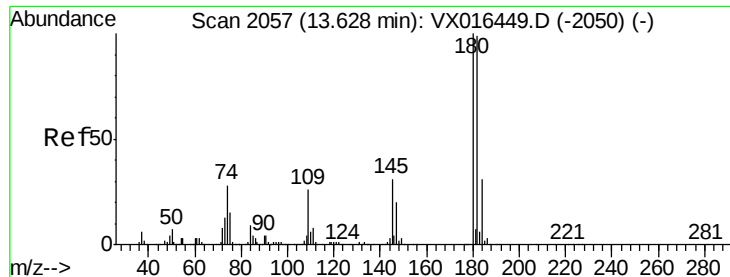


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

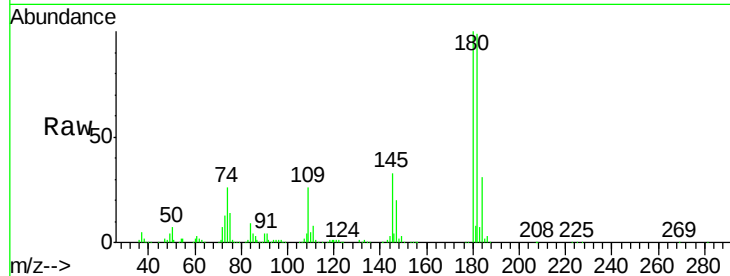




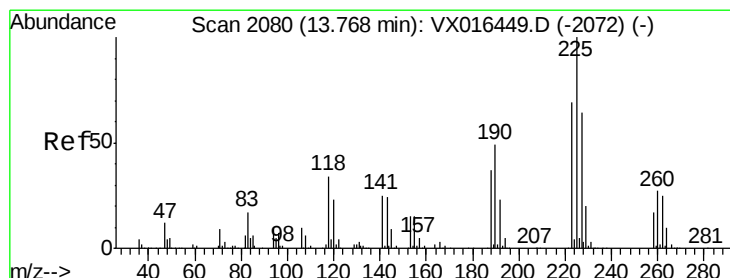
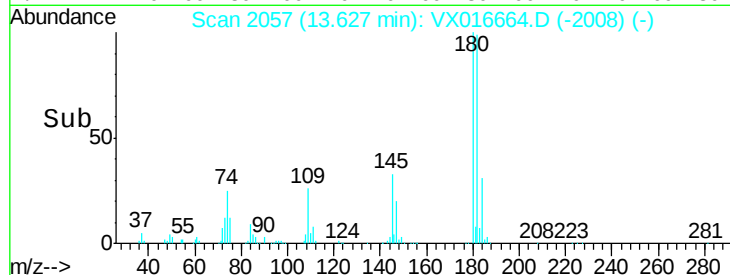
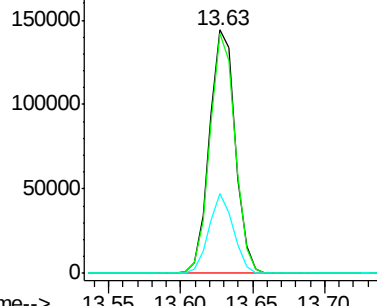
#93
 1,2,4-Trichlorobenzene
 Concen: 55.61 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.3	144.8
145	30.9	15.4	46.2

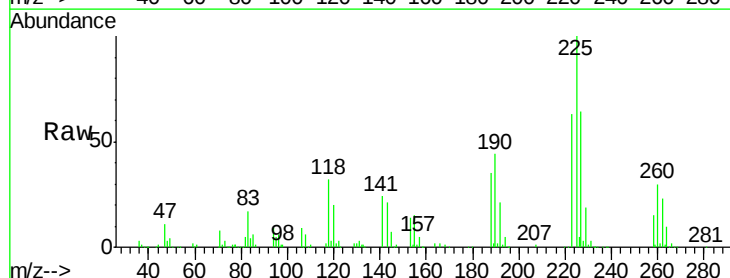


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

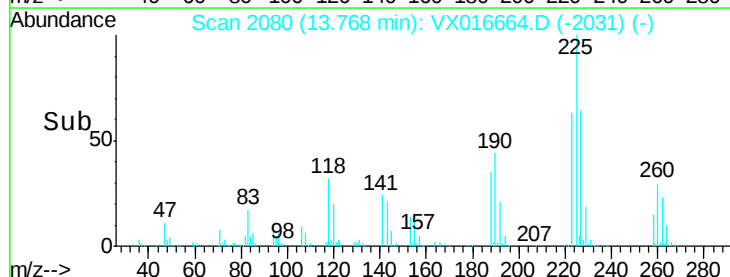
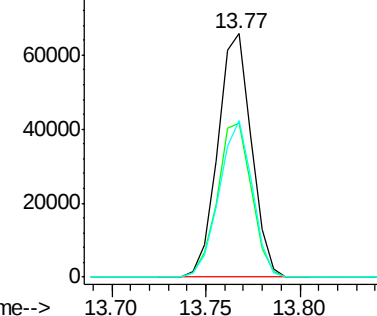


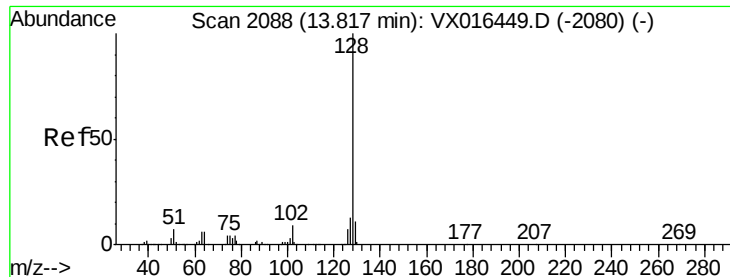
#94
 Hexachlorobutadiene
 Concen: 64.27 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016664.D
 Acq: 10 Jun 2020 10:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.8
227	63.4	31.6	94.7



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





#95

Naphthalene

Concen: 52.02 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

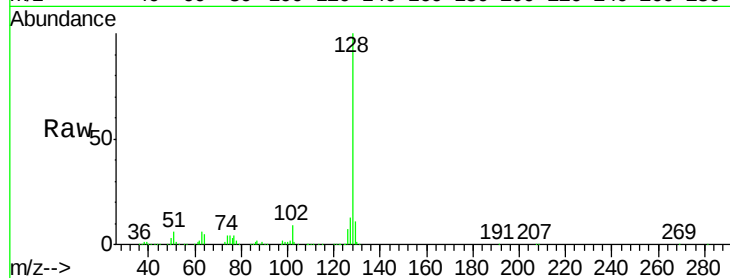
Tgt Ion:128 Resp: 574622

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

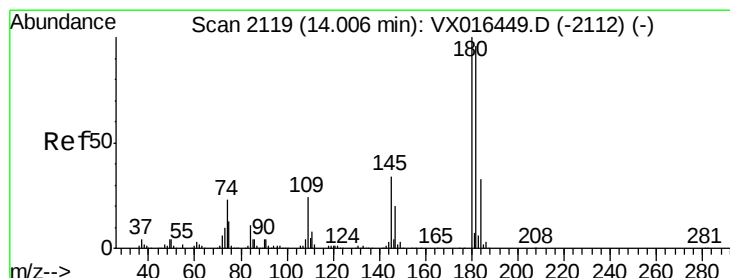
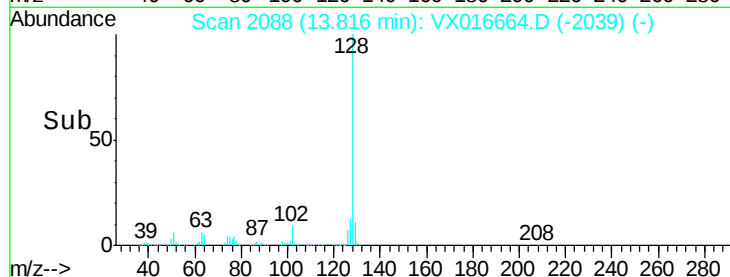
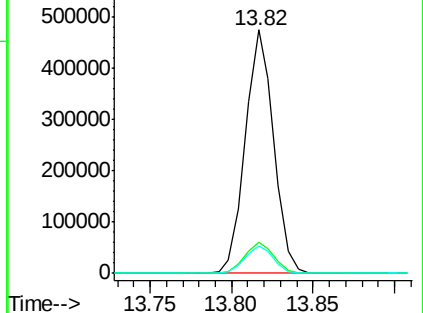
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.36 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016664.D

Acq: 10 Jun 2020 10:52

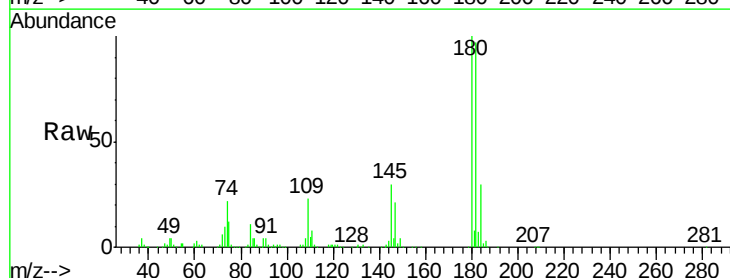
Tgt Ion:180 Resp: 177901

Ion Ratio Lower Upper

180 100

182 97.1 48.6 145.8

145 32.5 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

