

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017487.D
 Acq On : 23 Jul 2020 12:52
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jul 24 05:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	635579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1023771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	954393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	524079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	423619	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	5.46	113	327649	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	8.70	98	1111202	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	11.12	95	493380	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	342190	58.198	ug/l	97
3) Chloromethane	1.31	50	428852	54.553	ug/l	100
4) Vinyl Chloride	1.39	62	417582	52.211	ug/l	100
5) Bromomethane	1.62	94	243583	57.095	ug/l	95
6) Chloroethane	1.71	64	239205	54.303	ug/l	100
7) Trichlorofluoromethane	1.92	101	634220	50.415	ug/l	99
8) Diethyl Ether	2.17	74	216786	53.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	353659	51.229	ug/l	97
10) Methyl Iodide	2.49	142	420432	47.604	ug/l	100
11) Tert butyl alcohol	3.01	59	424975	246.979	ug/l	99
12) 1,1-Dichloroethene	2.36	96	336764	51.298	ug/l	98
13) Acrolein	2.27	56	299666	228.467	ug/l	99
14) Allyl chloride	2.71	41	646144	53.903	ug/l	99
15) Acrylonitrile	3.12	53	928815	249.917	ug/l	99
16) Acetone	2.42	43	874845	243.459	ug/l	98
17) Carbon Disulfide	2.55	76	1034487	51.844	ug/l	99
18) Methyl Acetate	2.75	43	431103	50.940	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1101687	48.485	ug/l	98
20) Methylene Chloride	2.83	84	378937	56.150	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	349109	49.640	ug/l	98
22) Diisopropyl ether	3.82	45	1104626	50.398	ug/l	94
23) Vinyl Acetate	3.78	43	5055603	258.694	ug/l	99
24) 1,1-Dichloroethane	3.67	63	632814	50.119	ug/l	98
25) 2-Butanone	4.64	43	1315097	257.620	ug/l	98
26) 2,2-Dichloropropane	4.55	77	603092	53.361	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	389253	50.958	ug/l	100
28) Bromochloromethane	4.98	49	277809	48.554	ug/l	99
29) Tetrahydrofuran	5.09	42	825552	261.083	ug/l	99
30) Chloroform	5.17	83	651914	50.532	ug/l	98
31) Cyclohexane	5.55	56	551034	54.728	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	644860	53.007	ug/l	100
36) 1,1-Dichloropropene	5.77	75	502951	51.223	ug/l	100
37) Ethyl Acetate	4.79	43	516655	48.091	ug/l	100
38) Carbon Tetrachloride	5.75	117	585368	49.093	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	585932	51.118	ug/l	99
40) Benzene	6.12	78	1446886	51.399	ug/l	97
41) Methacrylonitrile	5.00	41	294748	47.864	ug/l	99
42) 1,2-Dichloroethane	6.16	62	577406	50.137	ug/l	99
43) Isopropyl Acetate	6.41	43	843113	47.564	ug/l	99
44) Trichloroethene	7.18	130	433145	52.651	ug/l	98
45) 1,2-Dichloropropane	7.49	63	353813	45.339	ug/l	99
46) Dibromomethane	7.63	93	272830	49.471	ug/l	99
47) Bromodichloromethane	7.87	83	566374	51.039	ug/l	99
48) Methyl methacrylate	7.74	41	458748	52.210	ug/l	99
49) 1,4-Dioxane	7.71	88	195230	1158.912	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2598006	245.642	ug/l	99
52) Toluene	8.76	92	844951	46.803	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	584644	47.065	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	635757	50.177	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	340761	45.311	ug/l	99
56) Ethyl methacrylate	9.16	69	541246	47.770	ug/l	99
57) 1,3-Dichloropropane	9.35	76	585754	47.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1354636	226.933	ug/l	100
59) 2-Hexanone	9.48	43	1969303	247.312	ug/l	99
60) Dibromochloromethane	9.57	129	460859	48.213	ug/l	98
61) 1,2-Dibromoethane	9.65	107	389901	48.696	ug/l	100
64) Tetrachloroethene	9.32	164	402114	46.943	ug/l	94
65) Chlorobenzene	10.12	112	1006928	48.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	398720	47.823	ug/l	98
67) Ethyl Benzene	10.24	91	1709591	49.577	ug/l	100
68) m/p-Xylenes	10.34	106	1483329	111.036	ug/l	99
69) o-Xylene	10.68	106	667404	51.945	ug/l	100
70) Styrene	10.70	104	1164289	53.261	ug/l	99
71) Bromoform	10.84	173	348500	48.247	ug/l #	97
73) Isopropylbenzene	11.00	105	1919795	53.398	ug/l	99
74) N-amyl acetate	10.88	43	792759	49.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	498008	44.377	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	660628	61.280	ug/l	81
77) Bromobenzene	11.24	156	462446	45.946	ug/l	97
78) n-propylbenzene	11.34	91	1980382	48.839	ug/l	99
79) 2-Chlorotoluene	11.40	91	1177905	46.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1475753	48.075	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	223591	52.261	ug/l	97
82) 4-Chlorotoluene	11.49	91	1396726	47.139	ug/l	99
83) tert-Butylbenzene	11.76	119	1480613	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1570171	51.428	ug/l	100
85) sec-Butylbenzene	11.93	105	1919258	56.091	ug/l	100
86) p-Isopropyltoluene	12.05	119	1807625	55.475	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	922830	53.392	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	905868	50.598	ug/l	99
89) n-Butylbenzene	12.37	91	1482595	51.062	ug/l	99
90) Hexachloroethane	12.58	117	312882	48.705	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	798955	47.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	144248	45.687	ug/l	99

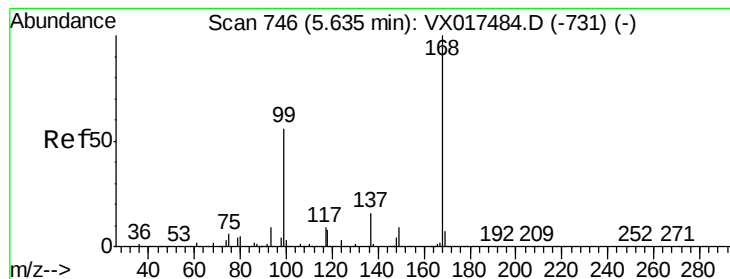
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	579391	49.975	ug/l	99
94) Hexachlorobutadiene	13.77	225	268103	50.237	ug/l	94
95) Naphthalene	13.82	128	1849992	53.453	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	614558	53.685	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

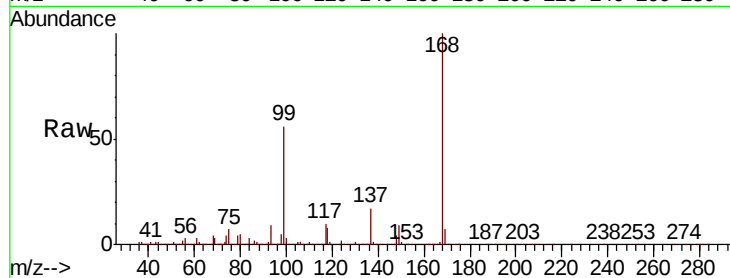
BFB

Tot Ion:168 Resp: 635579

Ion Ratio Lower Upper

168 100

99 56.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

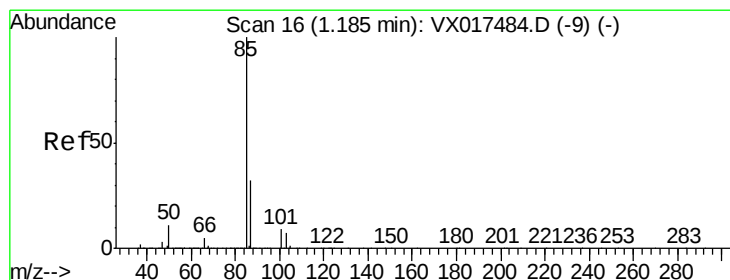
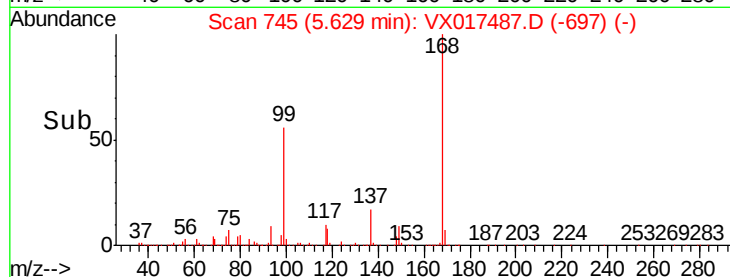
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.198 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017487.D

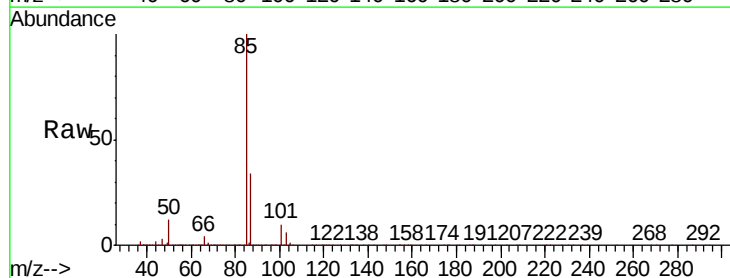
Acq: 23 Jul 2020 12:52

Tgt Ion: 85 Resp: 342190

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

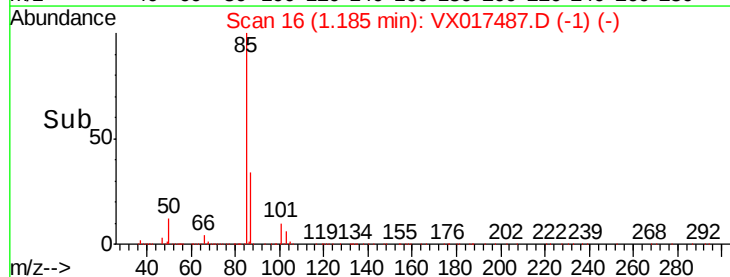
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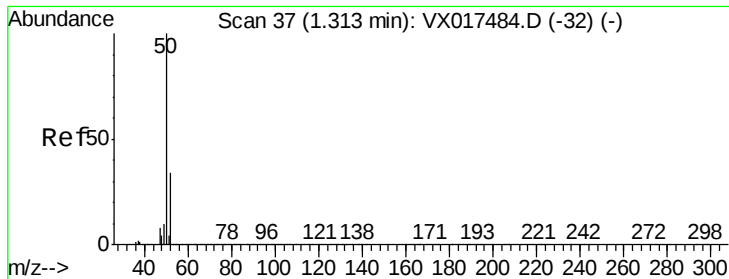
200000

100000

0

Time-->





#3

Chloromethane

Concen: 54.553 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

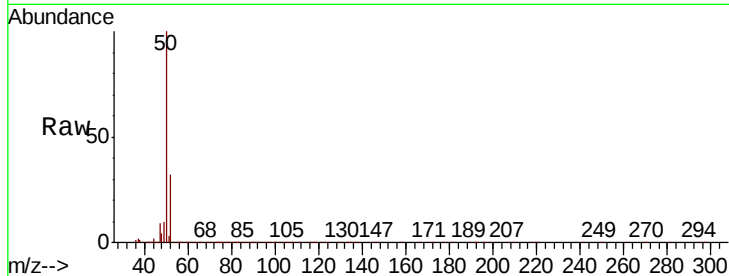
BFB

Tot Ion: 50 Resp: 428852

Ion Ratio Lower Upper

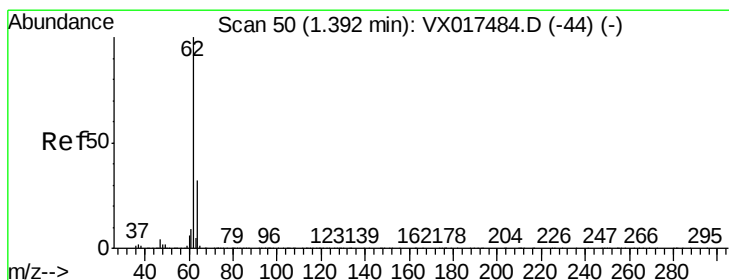
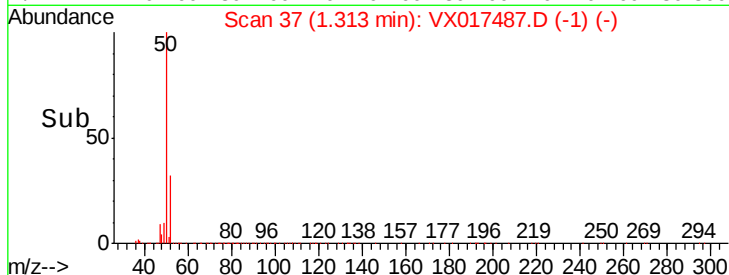
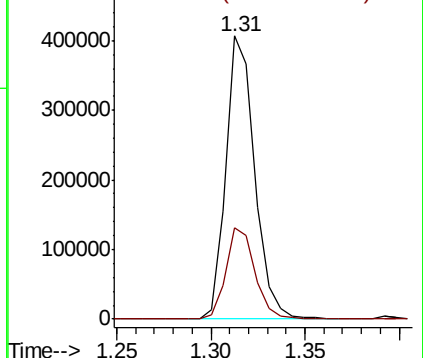
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.211 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017487.D

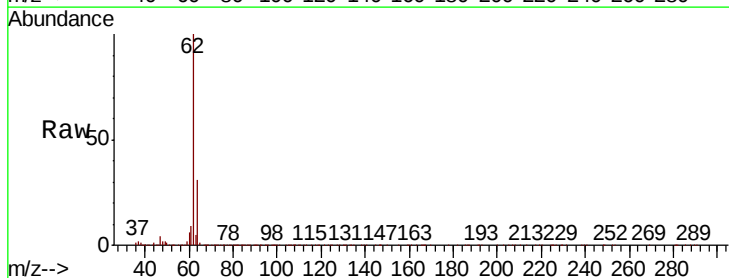
Acq: 23 Jul 2020 12:52

Tgt Ion: 62 Resp: 417582

Ion Ratio Lower Upper

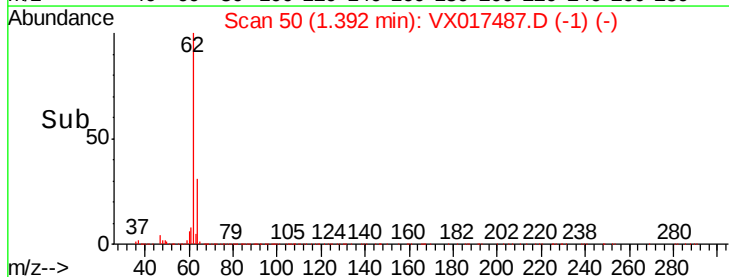
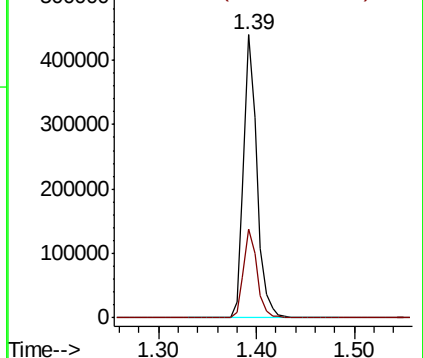
62 100

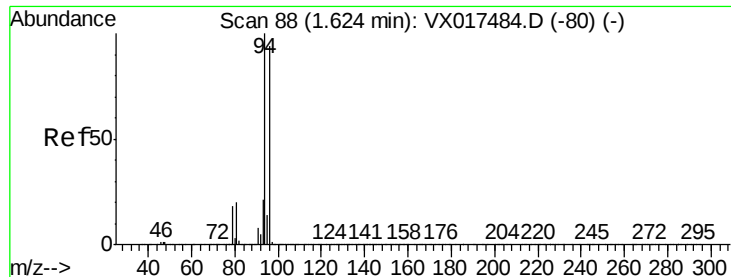
64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

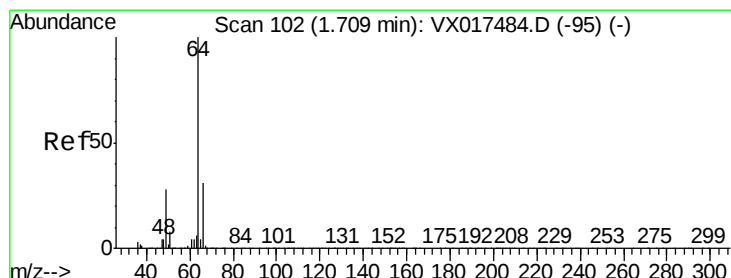
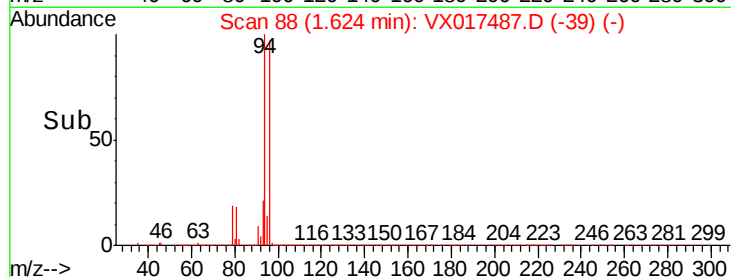
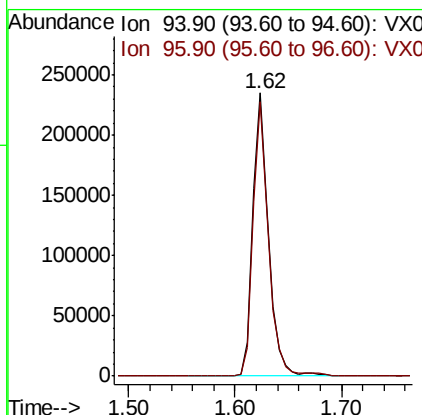
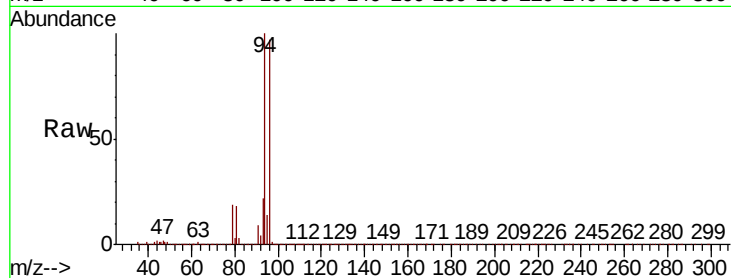




#5
 Bromomethane
 Concen: 57.095 ug/l
 RT: 1.62 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

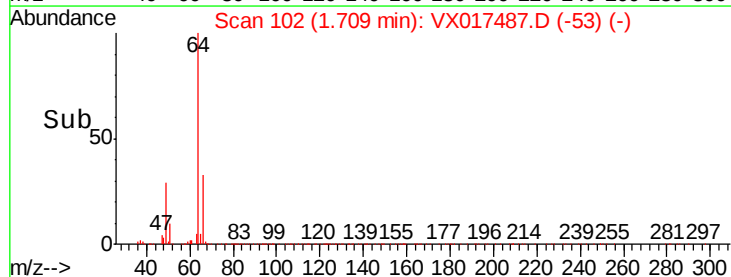
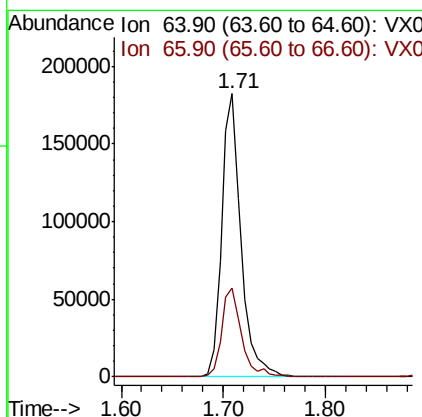
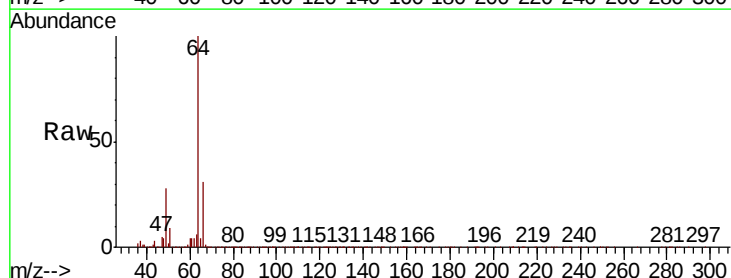
Instrument :
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Tot Ion: 94 Resp: 243583
 Ion Ratio Lower Upper
 94 100
 96 96.9 74.1 111.1



#6
 Chloroethane
 Concen: 54.303 ug/l
 RT: 1.71 min Scan# 102
 Delta R.T. -0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion: 64 Resp: 239205
 Ion Ratio Lower Upper
 64 100
 66 31.2 24.9 37.3



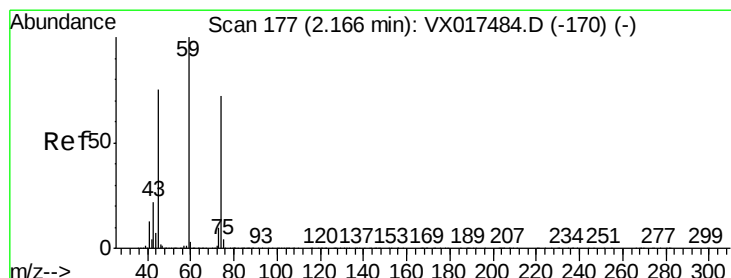
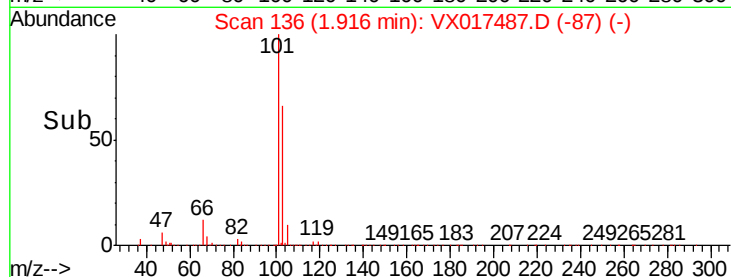
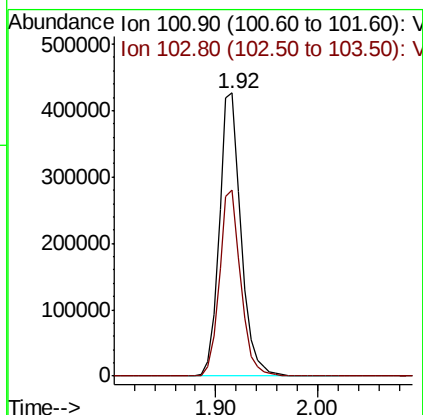
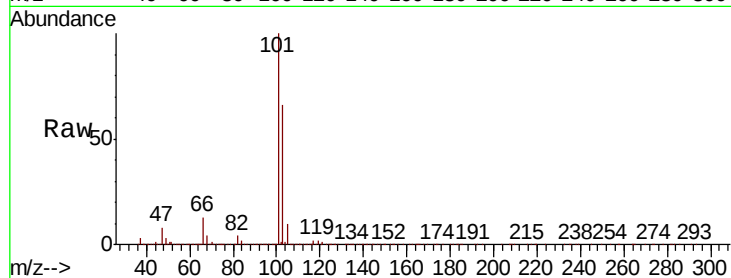


#7

Trichlorofluoromethane
Concen: 50.415 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
BFB

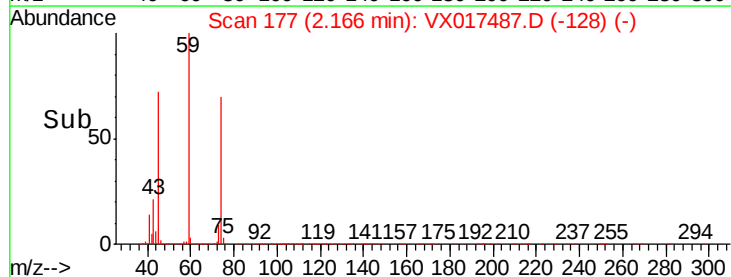
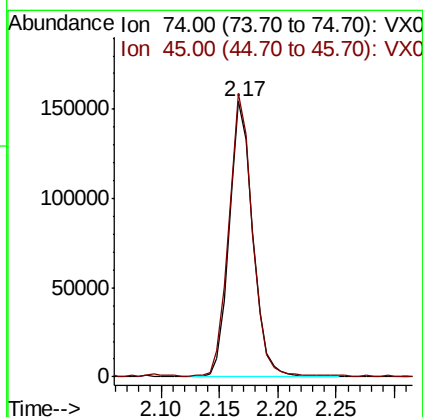
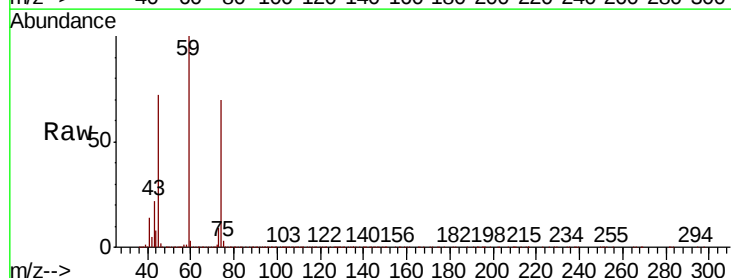
Tot Ion:101 Resp: 634220
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

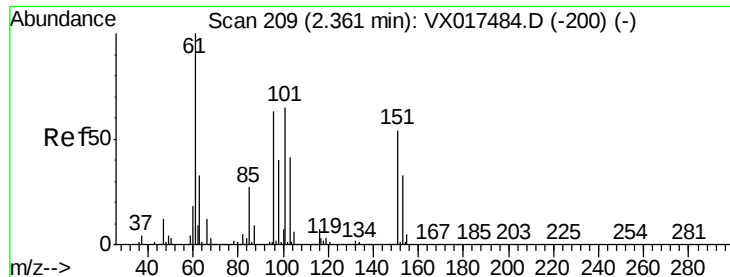


#8

Diethyl Ether
Concen: 53.242 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 74 Resp: 216786
Ion Ratio Lower Upper
74 100
45 102.2 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.229 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

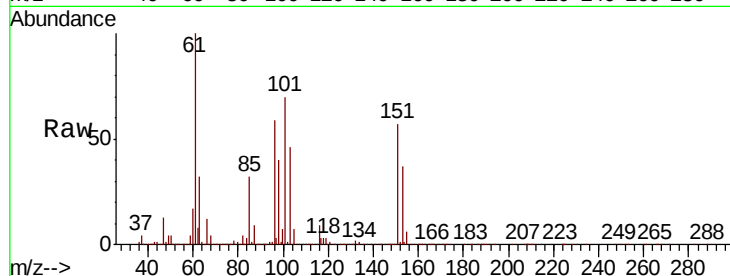
Tot Ion:101 Resp: 353659

Ion Ratio Lower Upper

101 100

85 44.7 34.8 52.2

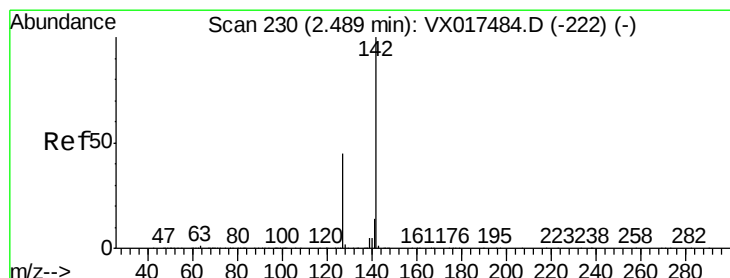
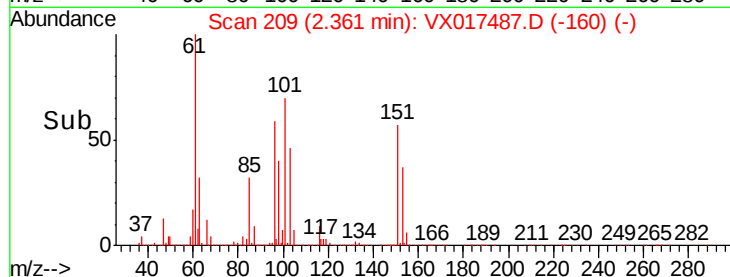
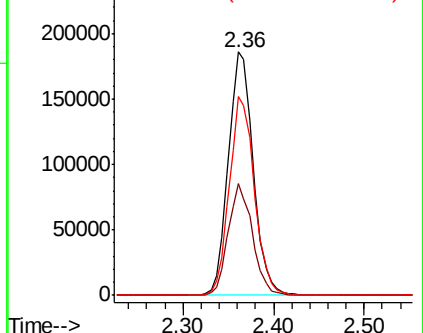
151 82.4 68.0 102.0



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: 47.604 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

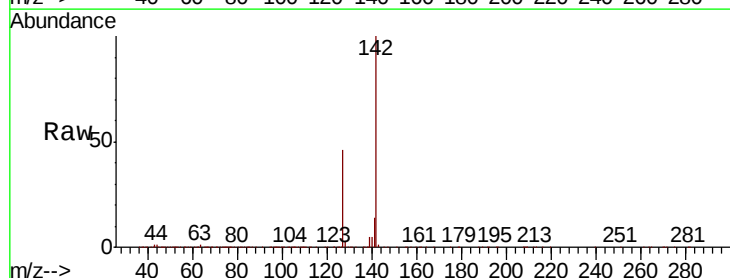
Tgt Ion:142 Resp: 420432

Ion Ratio Lower Upper

142 100

127 44.9 35.9 53.9

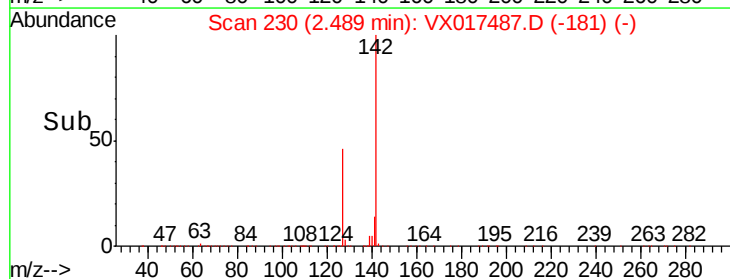
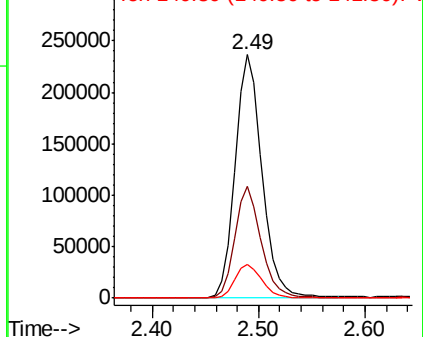
141 13.9 11.4 17.0

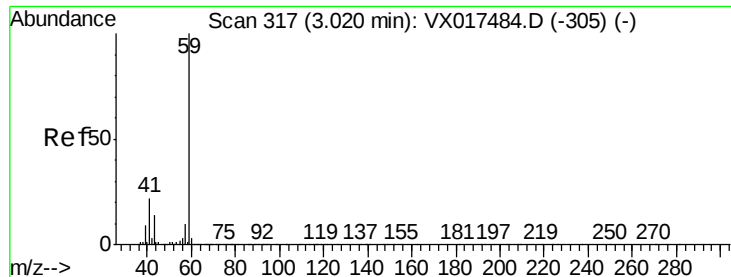


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



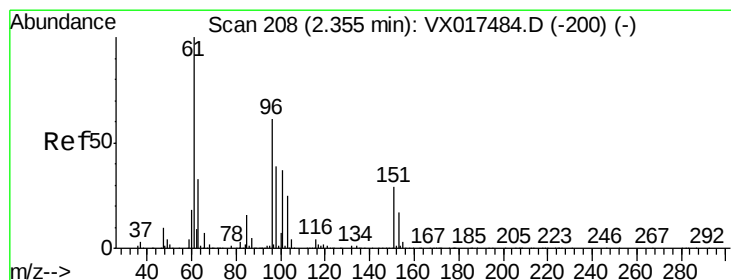
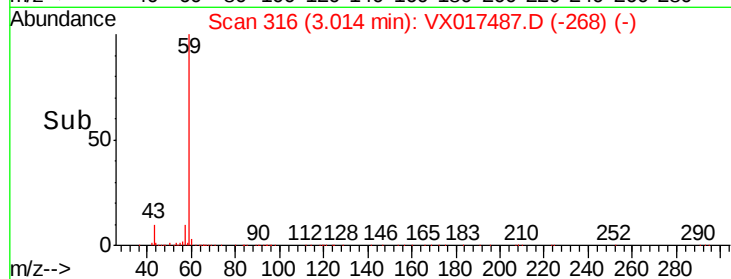
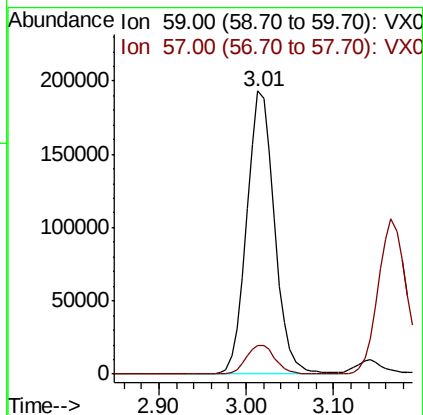
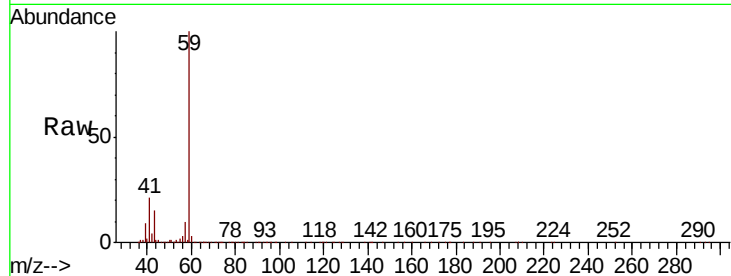


#11

Tert butyl alcohol
Concen: 246.979 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
BFB

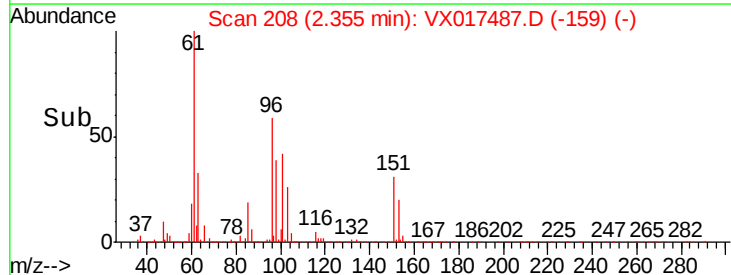
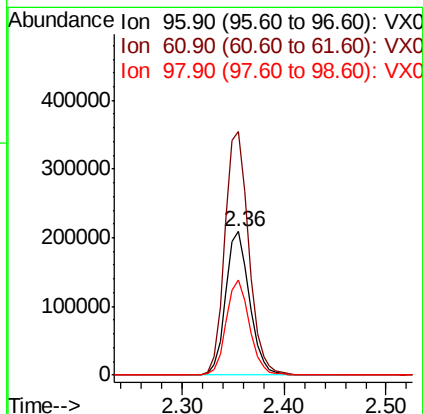
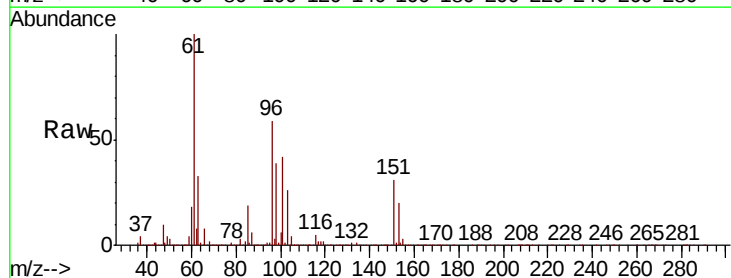
Tot Ion: 59 Resp: 424975
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

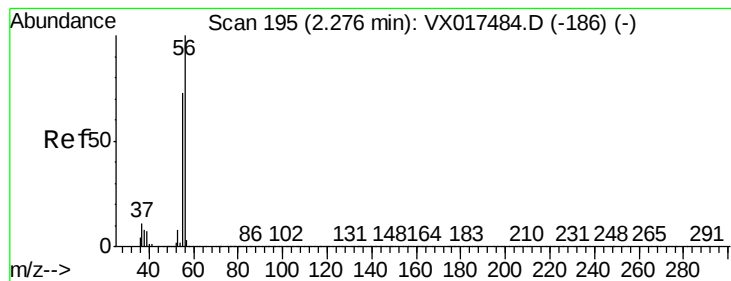


#12

1,1-Dichloroethene
Concen: 51.298 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 96 Resp: 336764
Ion Ratio Lower Upper
96 100
61 169.9 134.0 201.0
98 66.0 51.0 76.4





#13

Acrolein

Concen: 228.467 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

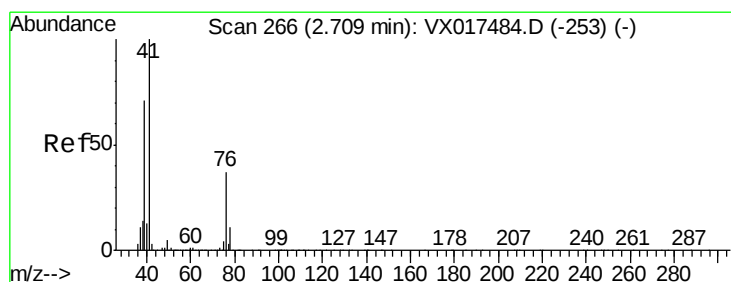
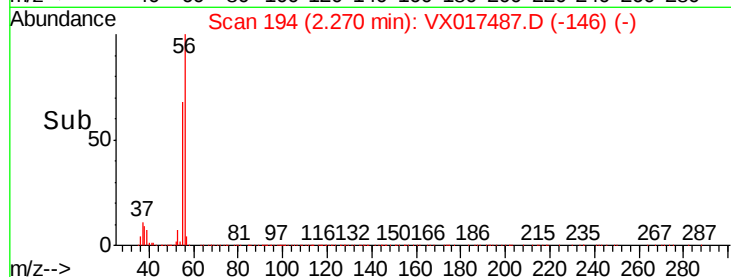
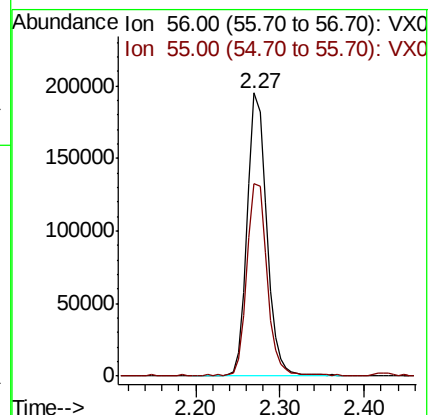
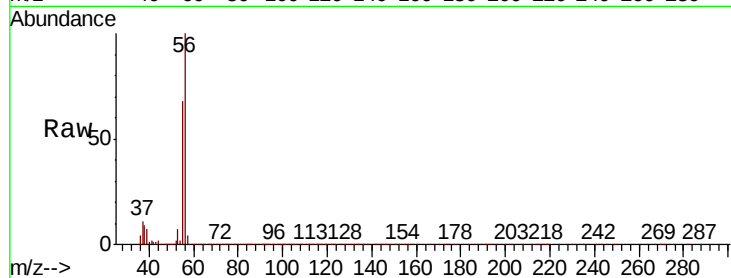
BFB

Tot Ion: 56 Resp: 299666

Ion Ratio Lower Upper

56 100

55 70.8 57.4 86.2



#14

Allyl chloride

Concen: 53.903 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

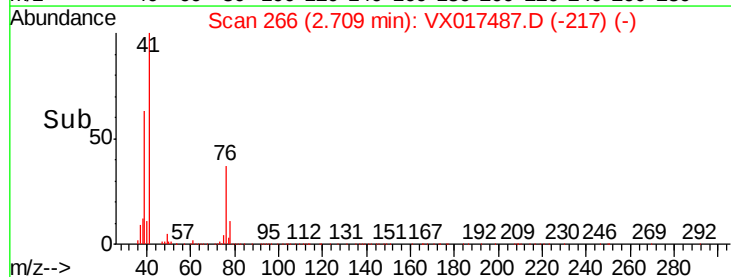
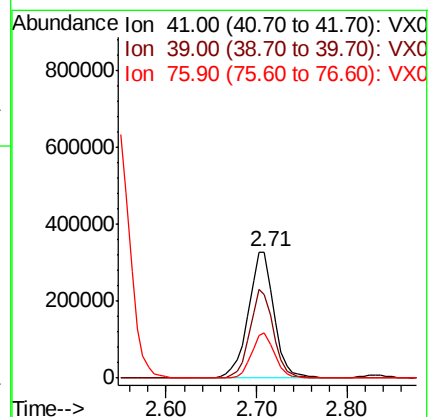
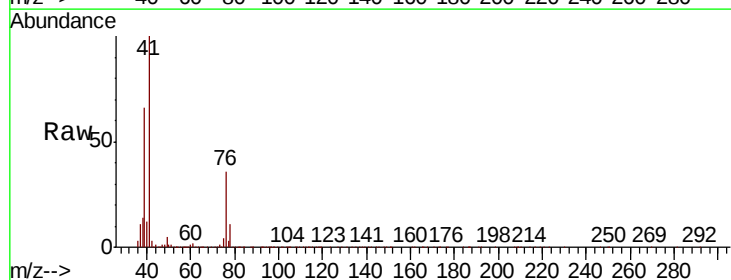
Tgt Ion: 41 Resp: 646144

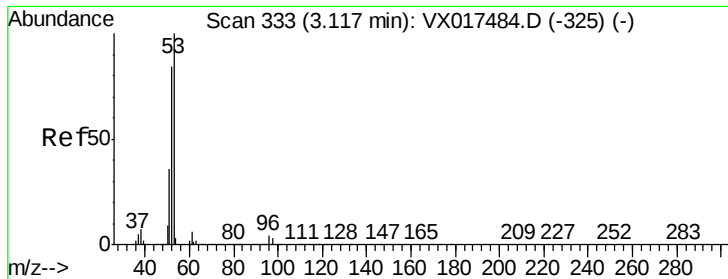
Ion Ratio Lower Upper

41 100

39 64.4 51.9 77.9

76 32.3 25.5 38.3





#15

Acrylonitrile

Concen: 249.917 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

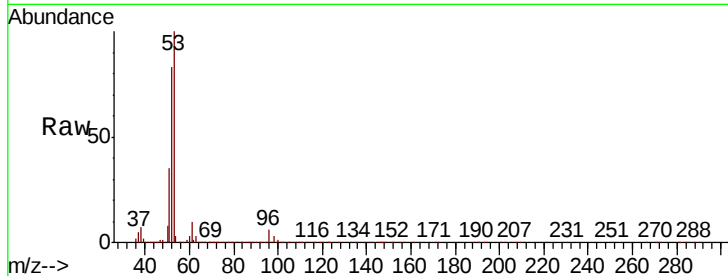
Tot Ion: 53 Resp: 928815

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

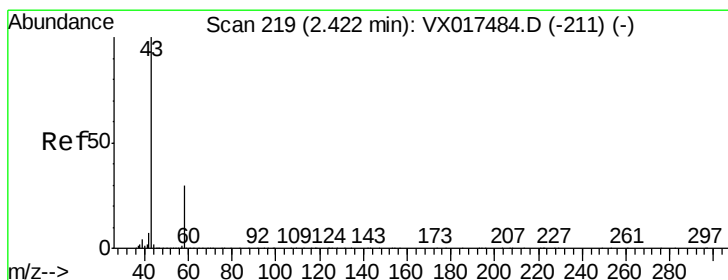
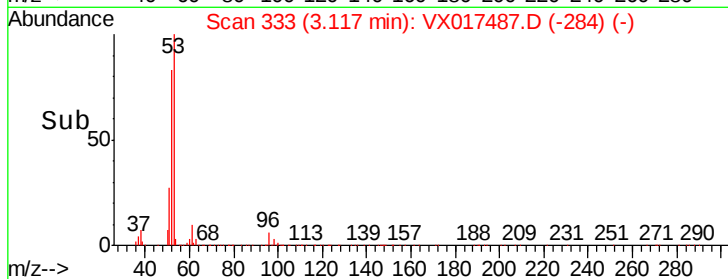
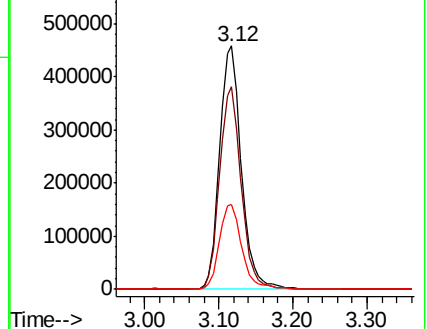
51 36.4 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.459 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017487.D

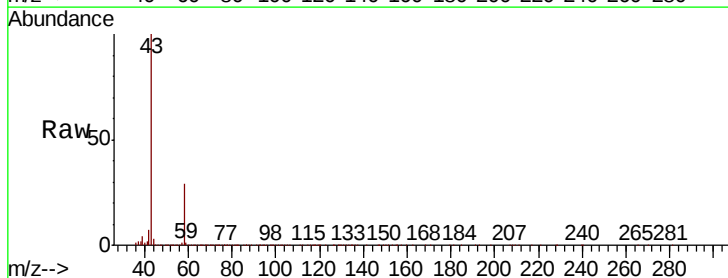
Acq: 23 Jul 2020 12:52

Tgt Ion: 43 Resp: 874845

Ion Ratio Lower Upper

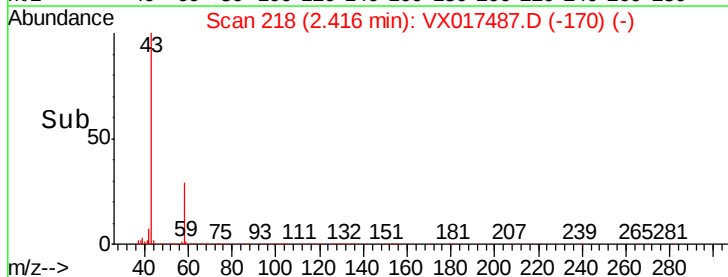
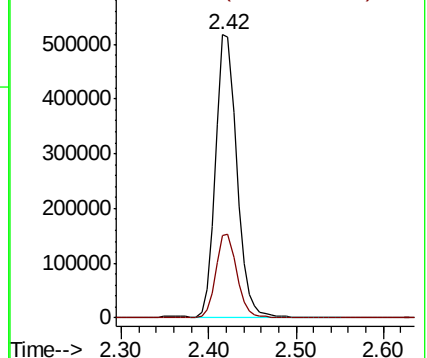
43 100

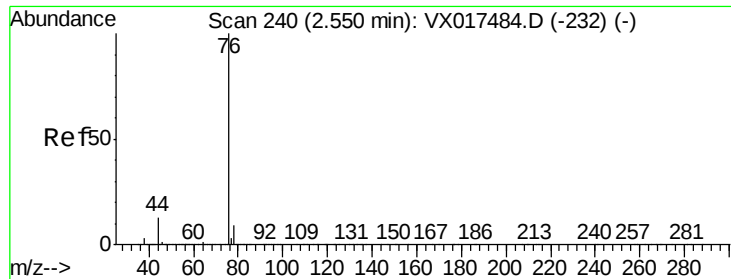
58 29.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.844 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

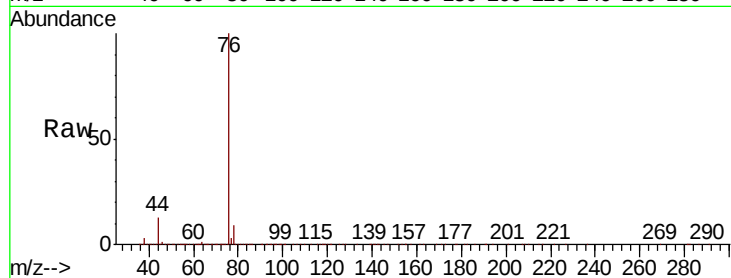
BFB

Tot Ion: 76 Resp: 1034487

Ion Ratio Lower Upper

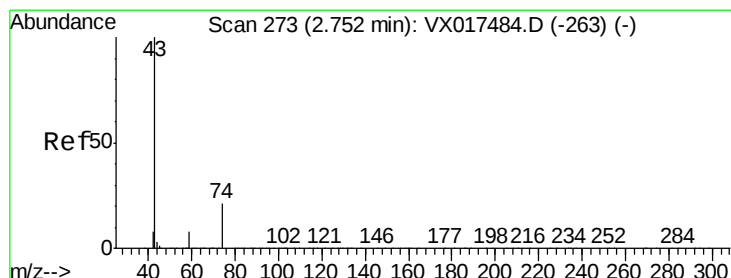
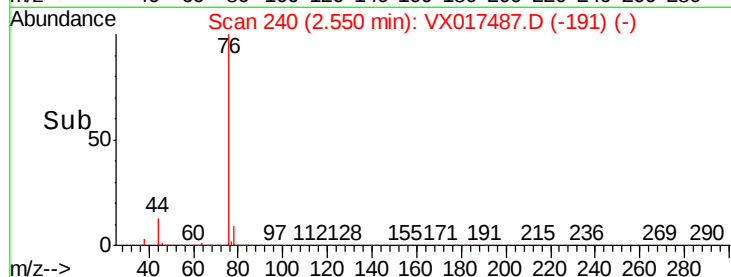
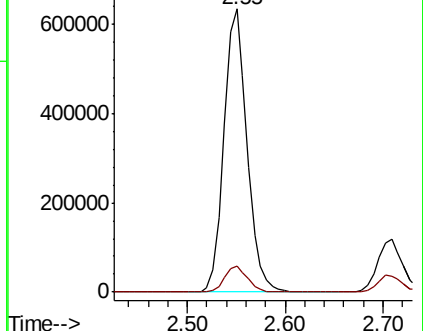
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.940 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017487.D

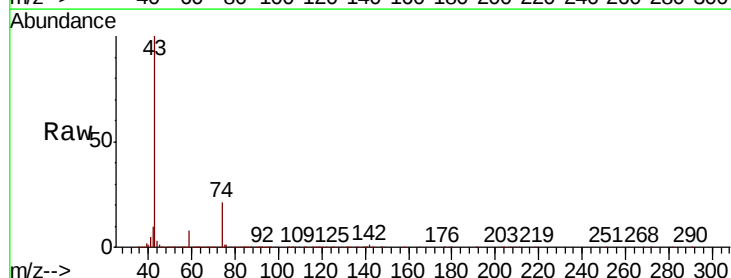
Acq: 23 Jul 2020 12:52

Tgt Ion: 43 Resp: 431103

Ion Ratio Lower Upper

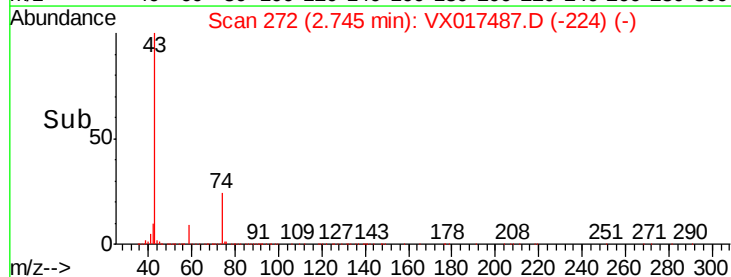
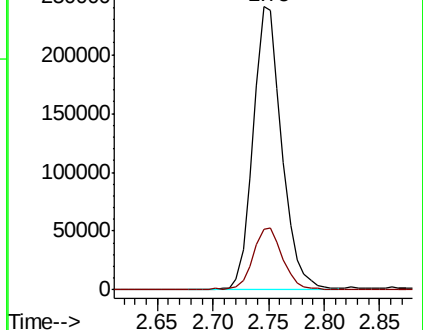
43 100

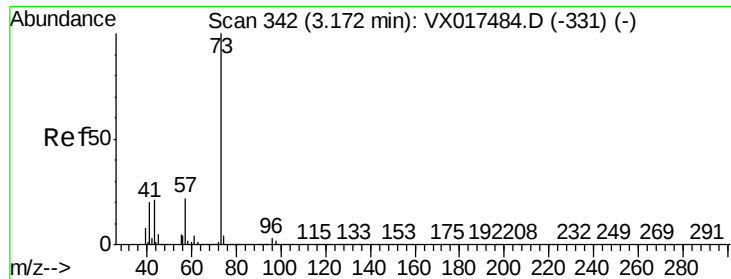
74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

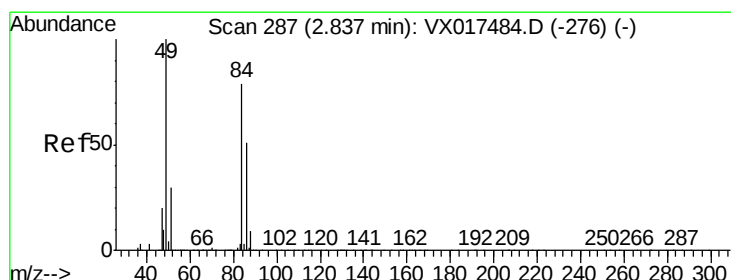
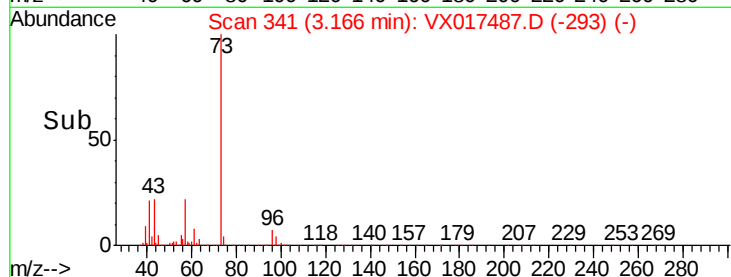
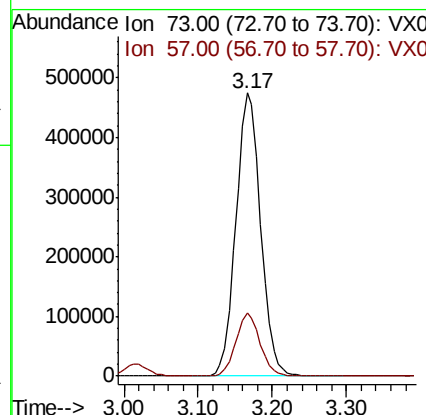
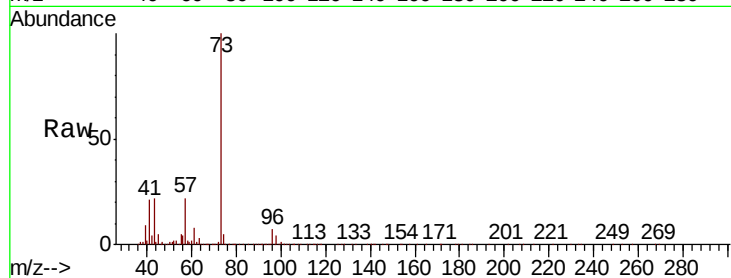




#19
Methyl tert-butyl Ether
Concen: 48.485 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

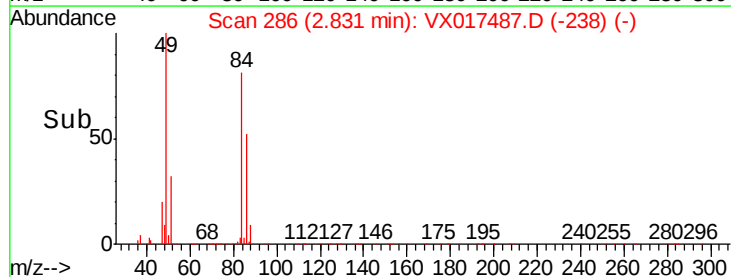
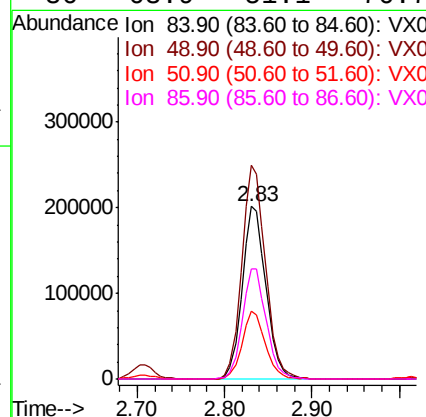
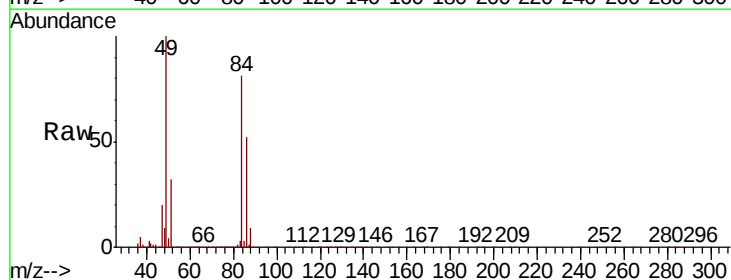
Instrument :
MSVOA_X
ClientSampled :
BFB

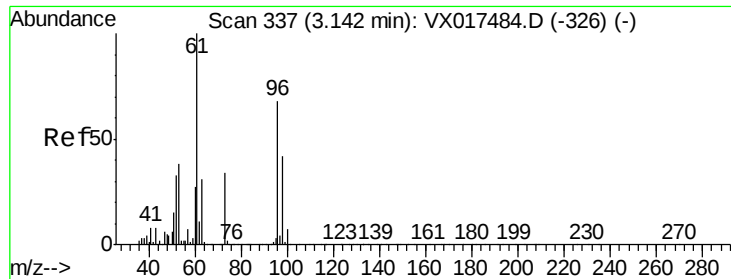
Tot Ion: 73 Resp: 1101687
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4



#20
Methylene Chloride
Concen: 56.150 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 84 Resp: 378937
Ion Ratio Lower Upper
84 100
49 123.5 100.3 150.5
51 39.3 30.5 45.7
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.640 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

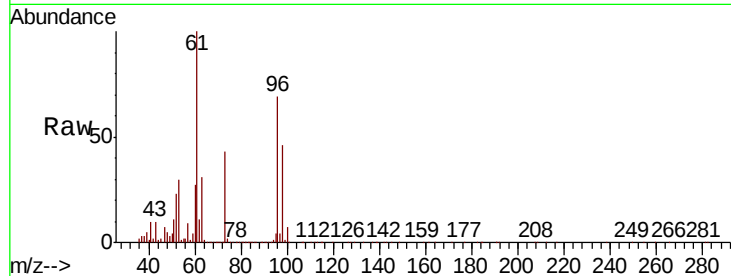
Tot Ion: 96 Resp: 349109

Ion Ratio Lower Upper

96 100

61 144.1 113.0 169.4

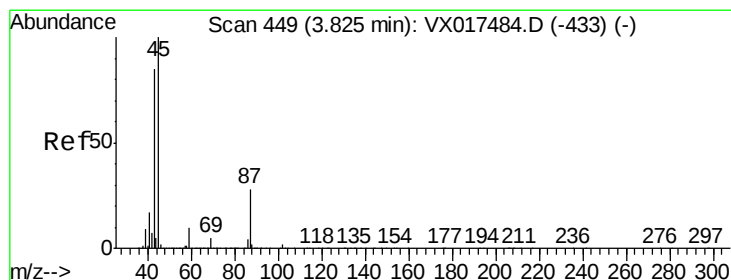
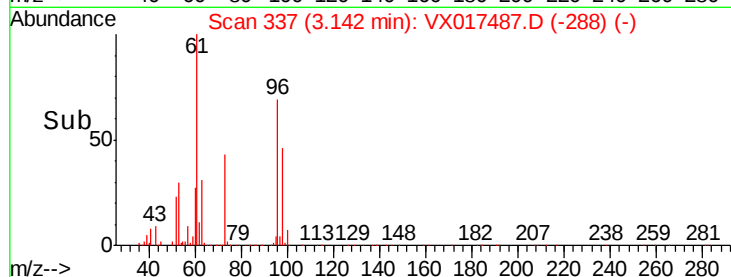
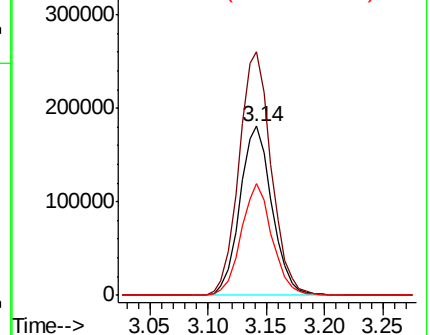
98 66.4 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.398 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Tgt Ion: 45 Resp: 1104626

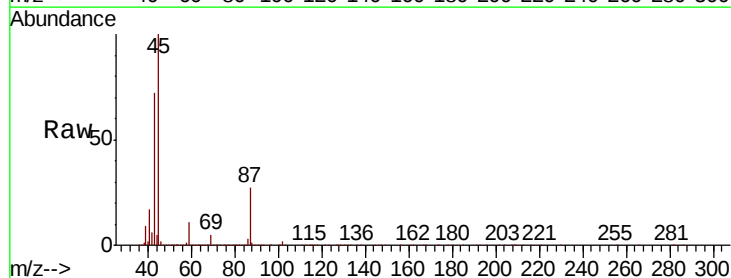
Ion Ratio Lower Upper

45 100

43 71.7 52.0 78.0

87 26.8 22.2 33.4

59 11.0 8.9 13.3

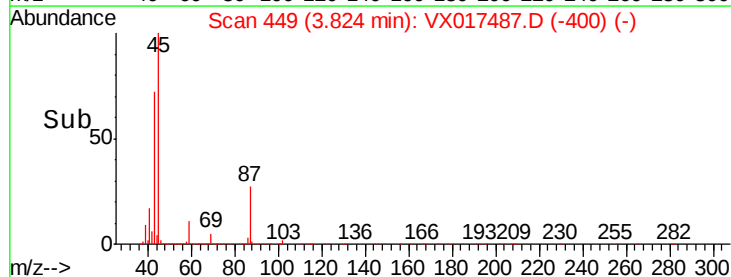
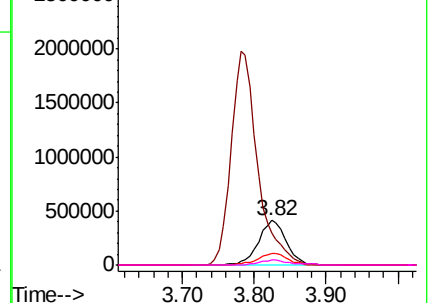


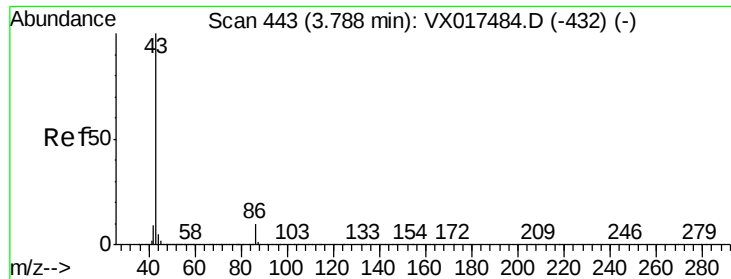
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 258.694 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

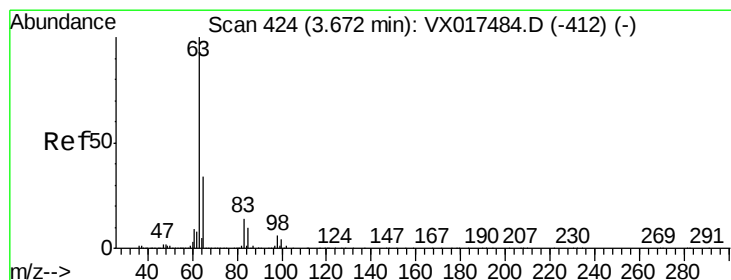
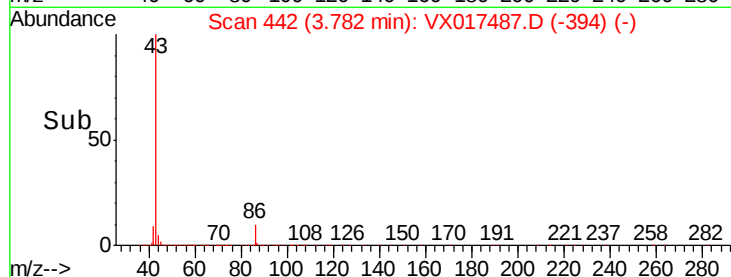
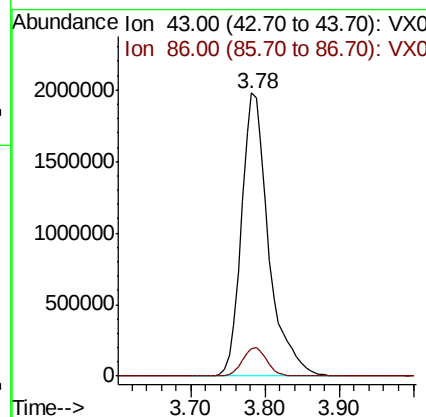
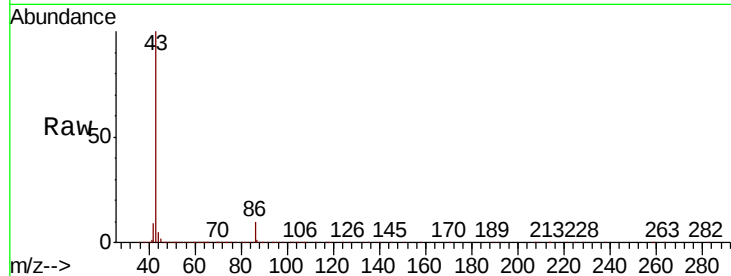
BFB

Tot Ion: 43 Resp: 5055603

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.119 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

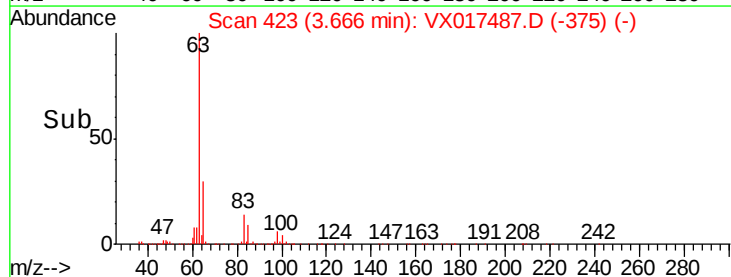
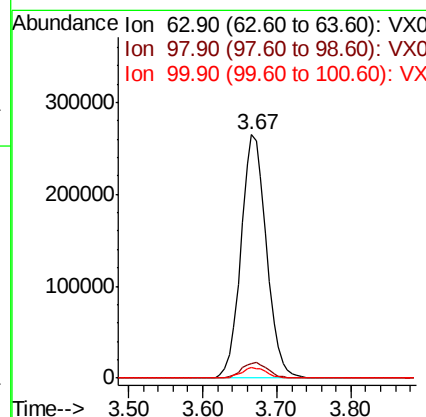
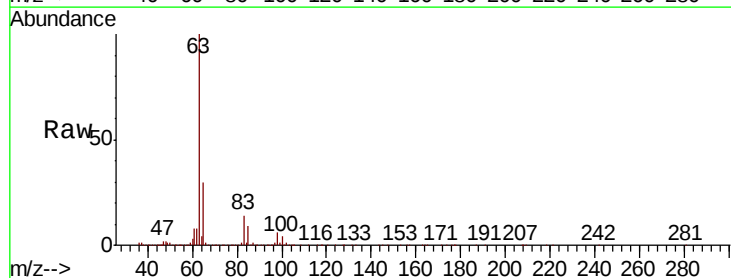
Tgt Ion: 63 Resp: 632814

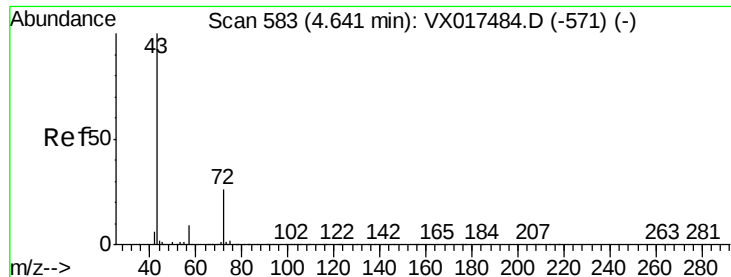
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

100 4.2 1.9 5.7

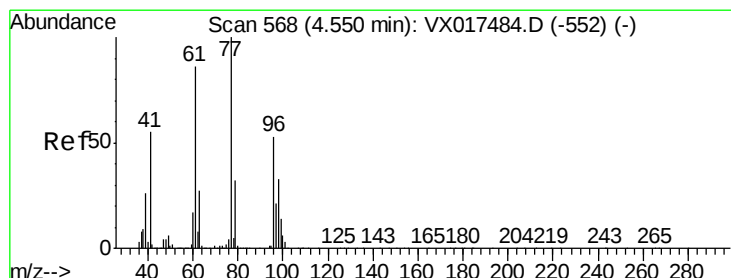
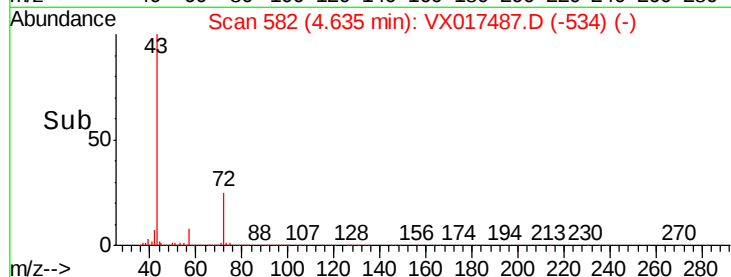
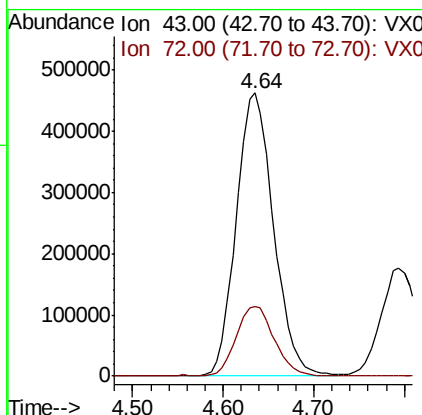
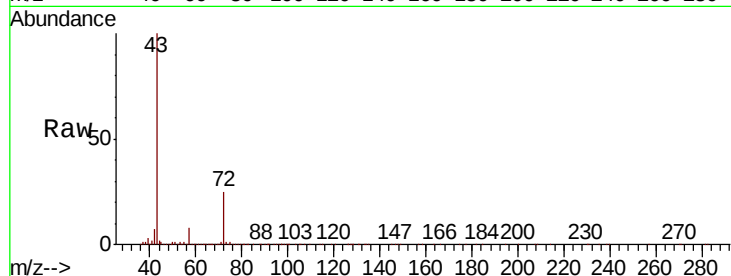




#25
2-Butanone
Concen: 257.620 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

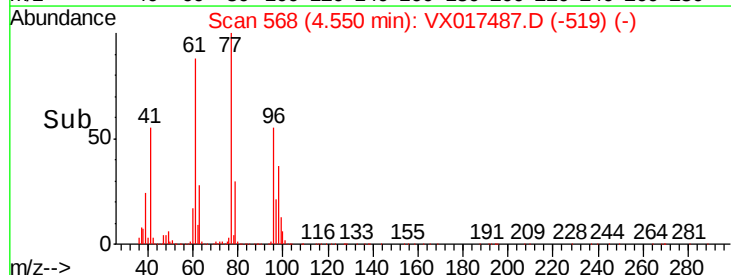
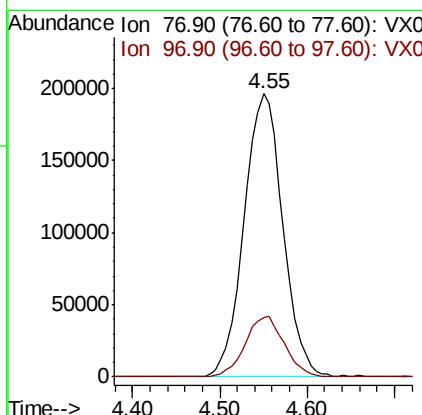
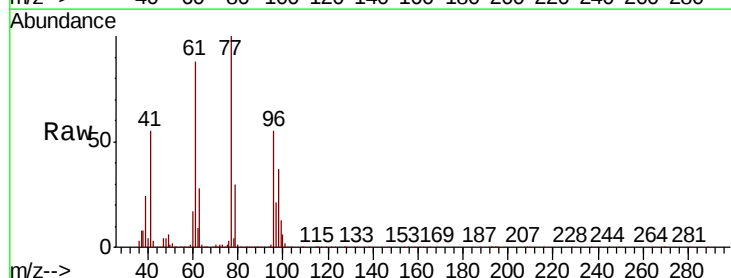
Instrument :
MSVOA_X
ClientSampleId :
BFB

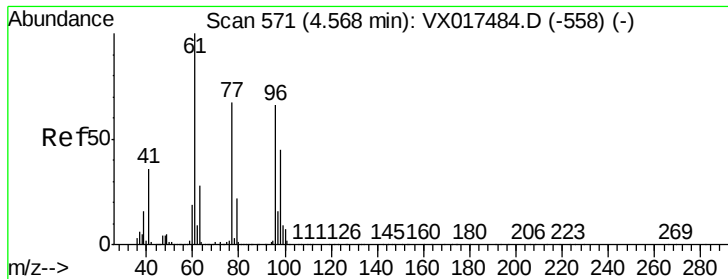
Tot Ion: 43 Resp: 1315097
Ion Ratio Lower Upper
43 100
72 24.7 19.0 28.4



#26
2,2-Dichloropropane
Concen: 53.361 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 77 Resp: 603092
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9



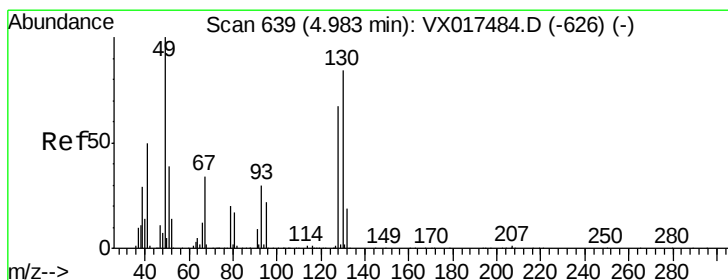
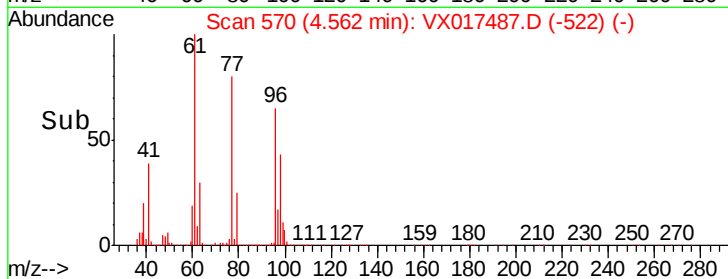
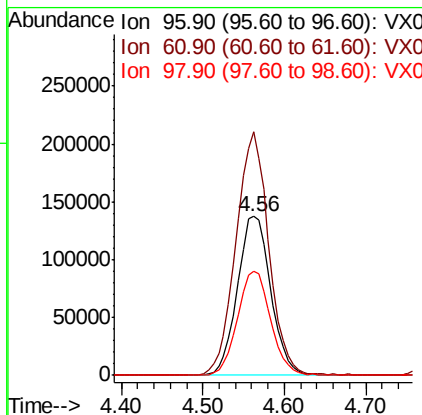
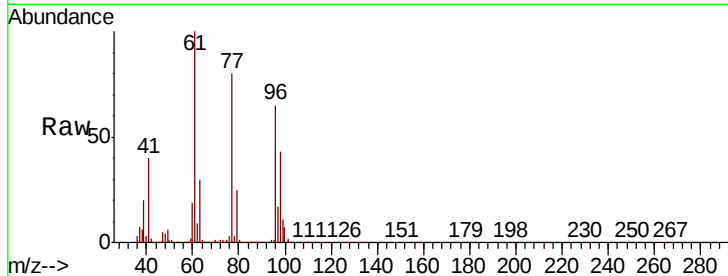


#27

cis-1,2-Dichloroethene
 Concen: 50.958 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

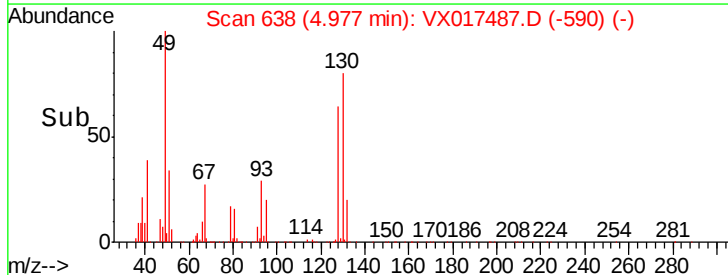
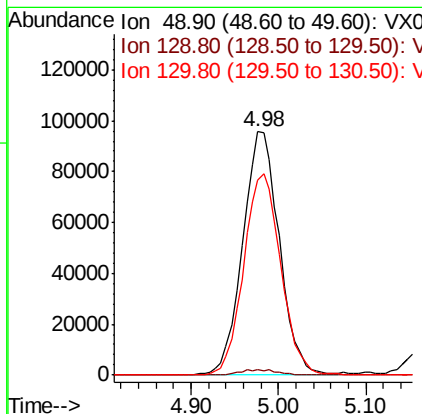
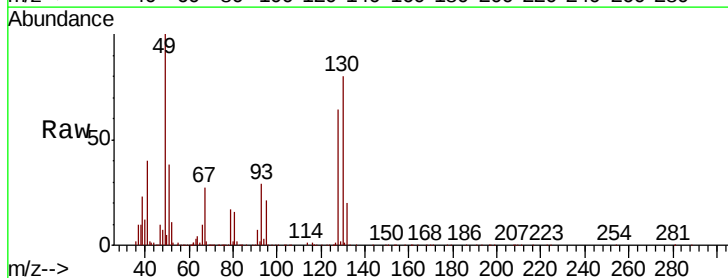
Tot Ion	96	Resp	389253
Ion Ratio	Lower	Upper	
96	100		
61	150.7	0.0	301.2
98	65.2	0.0	130.0

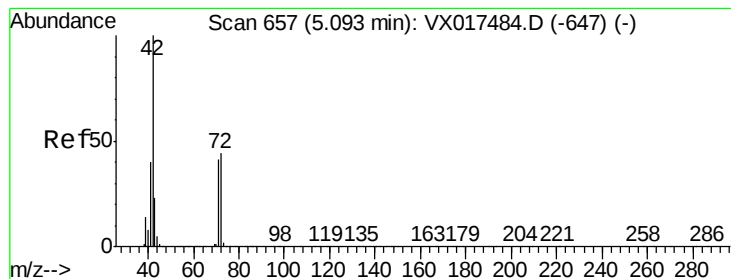


#28

Bromochloromethane
 Concen: 48.554 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion	49	Resp	277809
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.6
130	84.2	66.7	100.1





#29

Tetrahydrofuran

Concen: 261.083 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

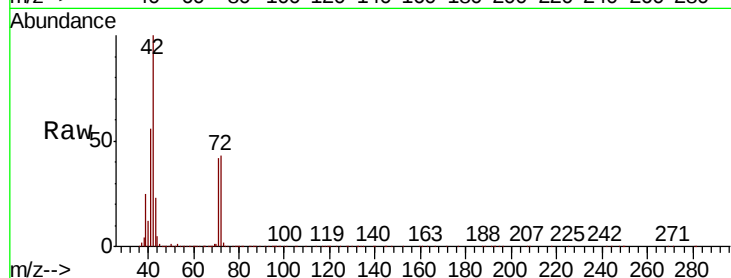
Tot Ion: 42 Resp: 825552

Ion Ratio Lower Upper

42 100

72 43.7 35.5 53.3

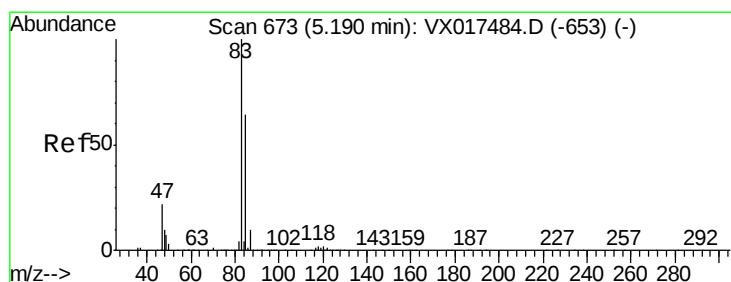
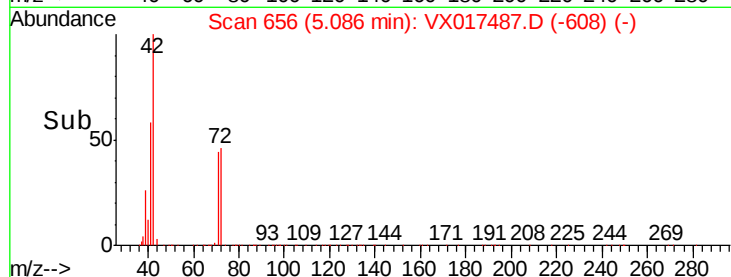
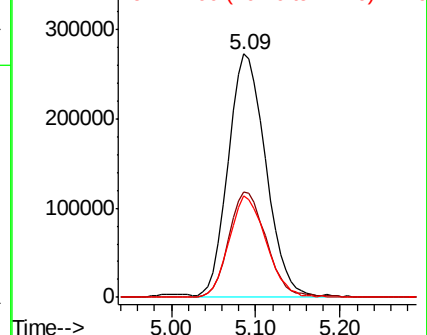
71 41.3 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.532 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017487.D

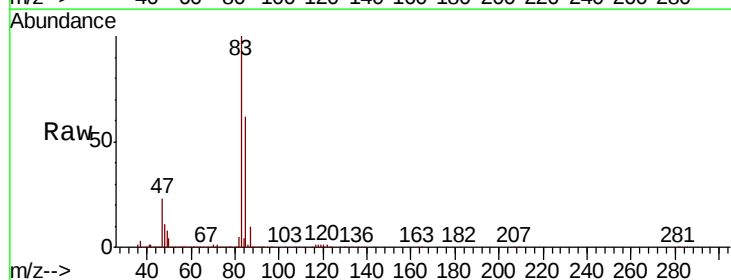
Acq: 23 Jul 2020 12:52

Tgt Ion: 83 Resp: 651914

Ion Ratio Lower Upper

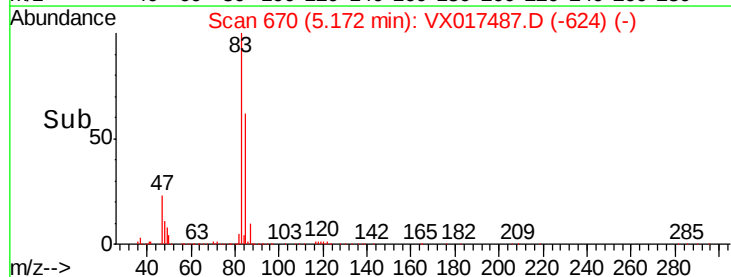
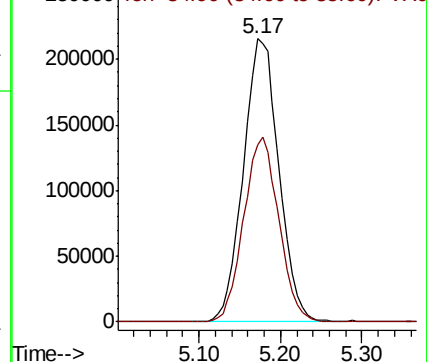
83 100

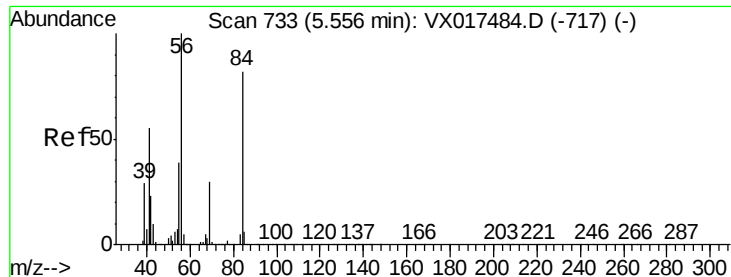
85 62.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

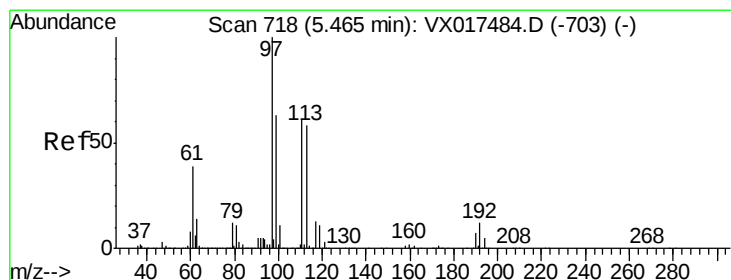
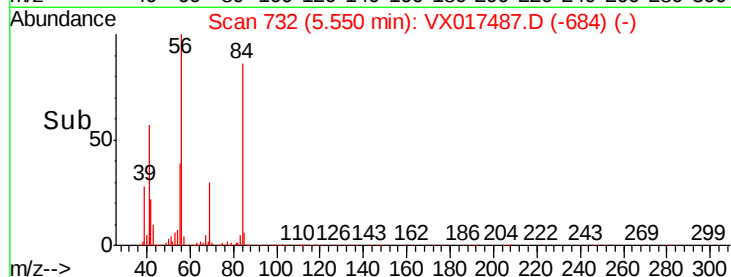
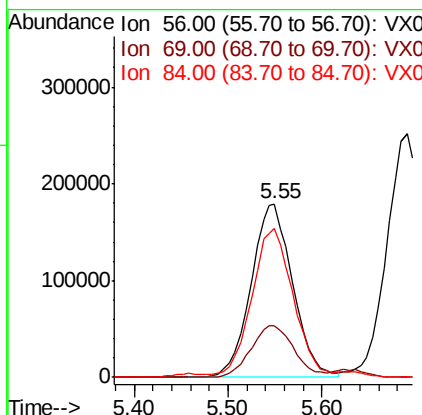
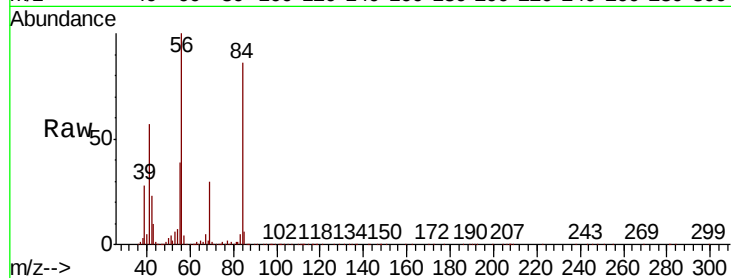




#31
Cyclohexane
Concen: 54.728 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

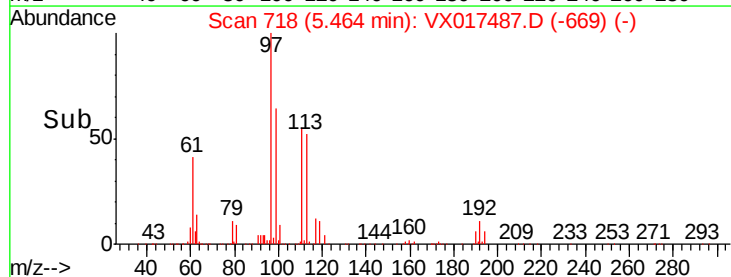
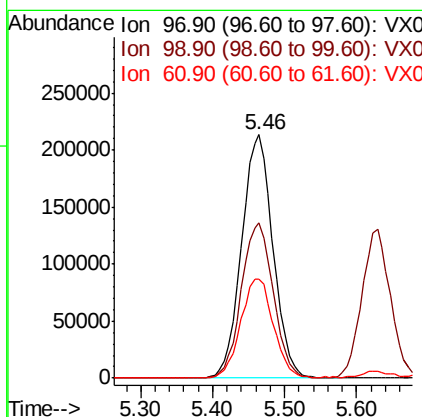
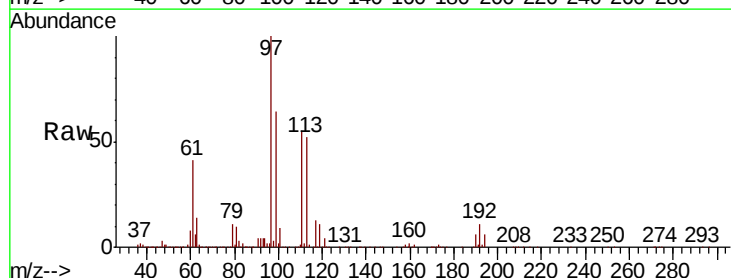
Instrument :
MSVOA_X
ClientSampleId :
BFB

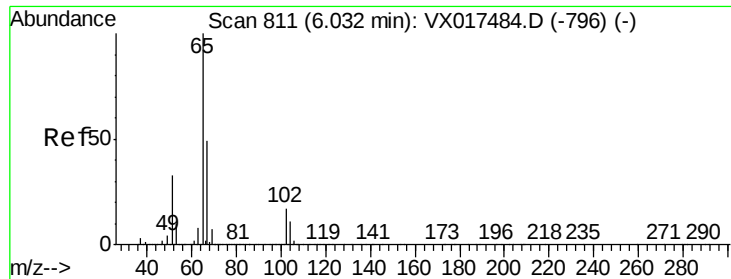
Tot Ion: 56 Resp: 551034
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 83.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 53.007 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 97 Resp: 644860
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 42.4 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.887 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

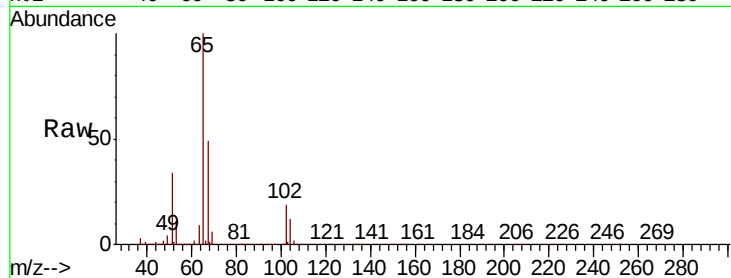
BFB

Tot Ion: 65 Resp: 423619

Ion Ratio Lower Upper

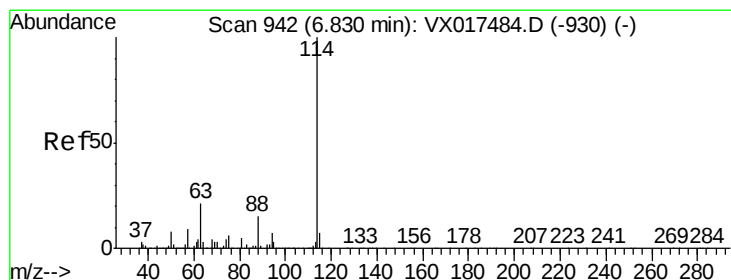
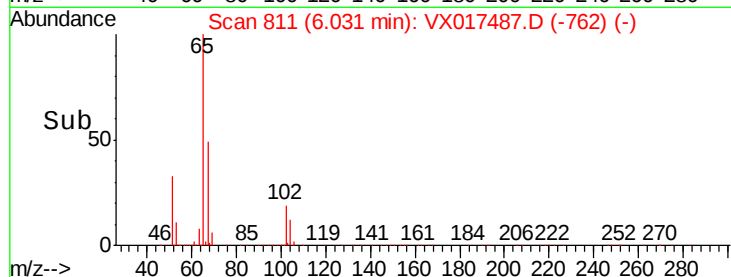
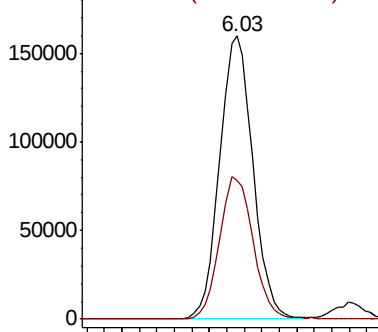
65 100

67 50.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

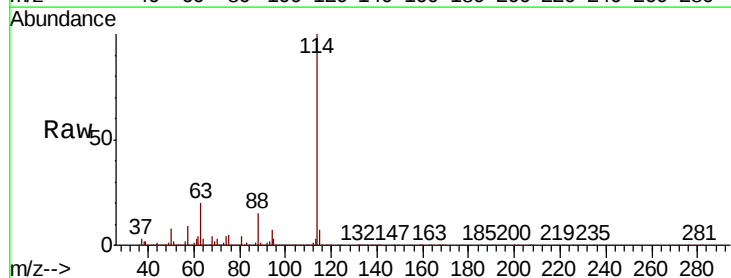
Tgt Ion: 114 Resp: 1023771

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

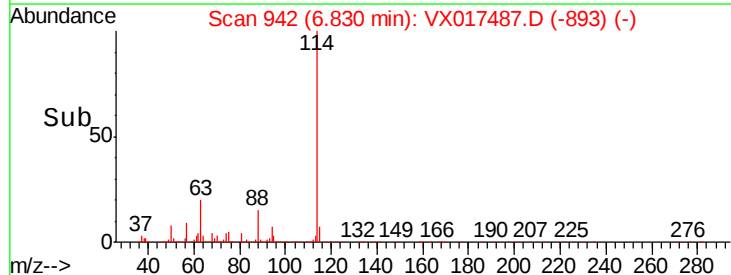
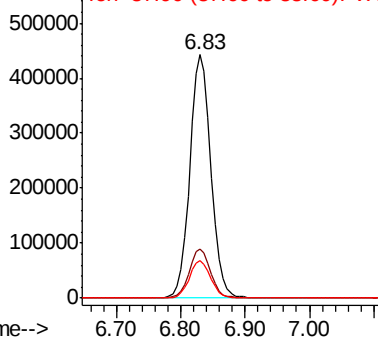
88 15.3 0.0 33.4

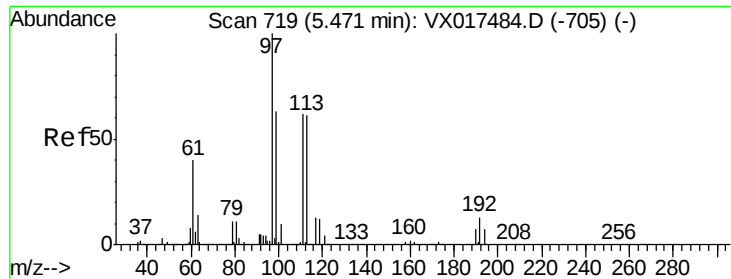


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

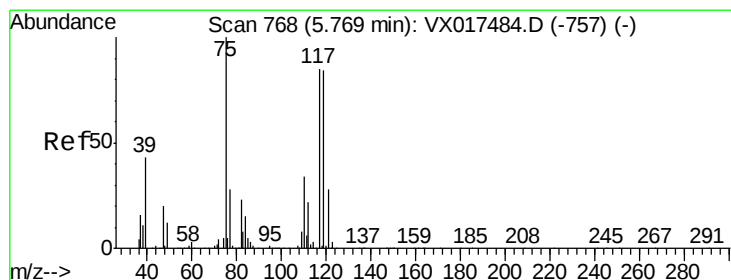
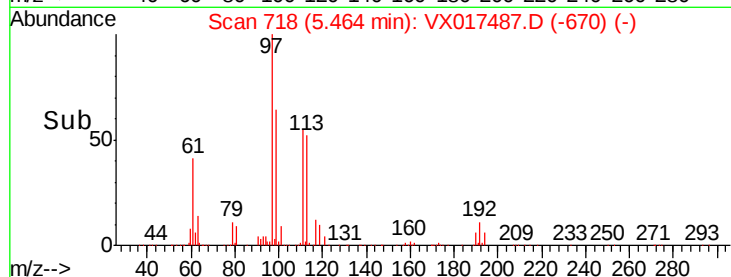
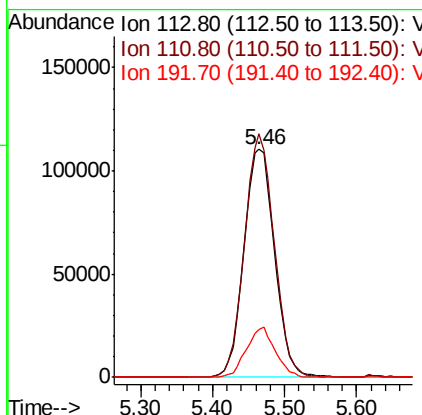
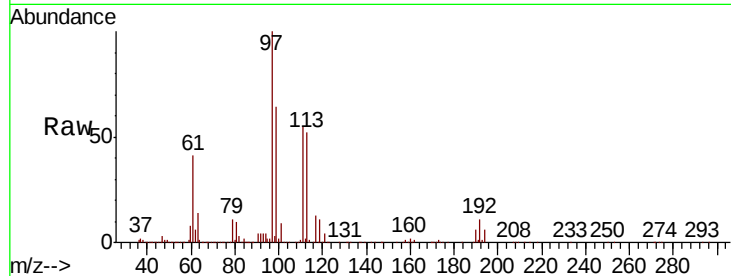




#35
Dibromofluoromethane
Concen: 47.853 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

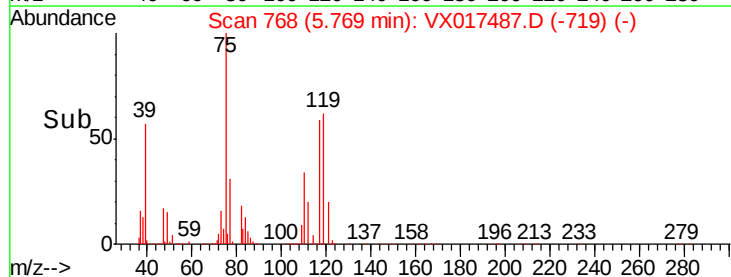
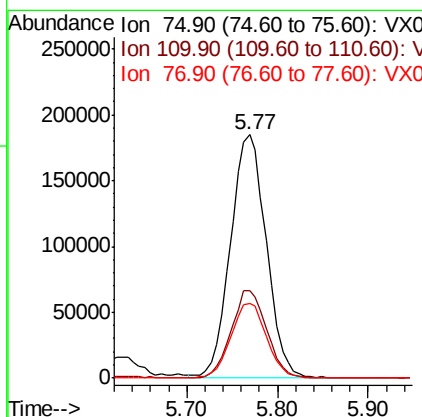
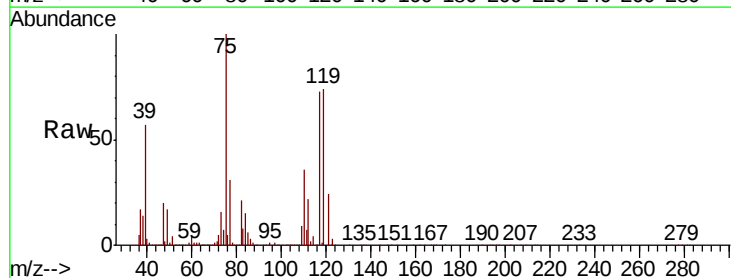
Instrument :
MSVOA_X
ClientSampleId :
BFB

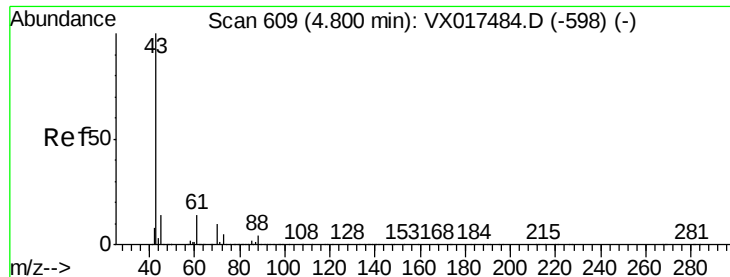
Tot Ion:113 Resp: 327649
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.223 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 75 Resp: 502951
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.3
77 31.0 24.6 37.0

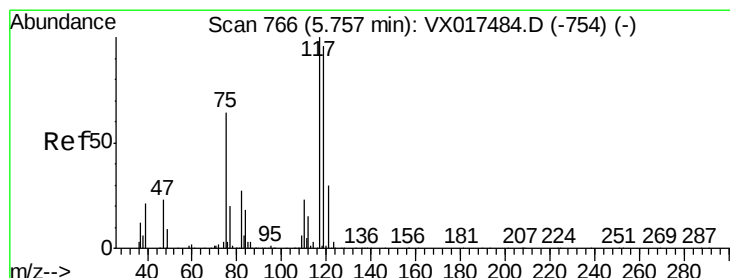
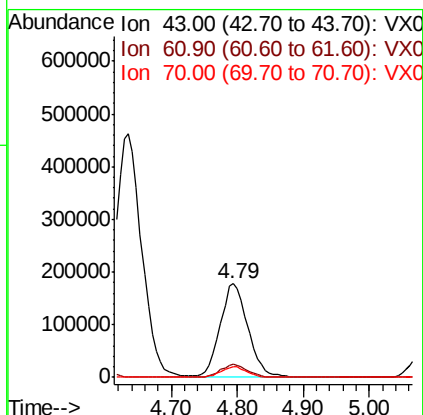
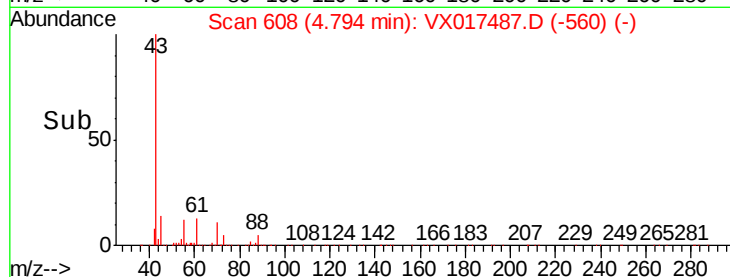
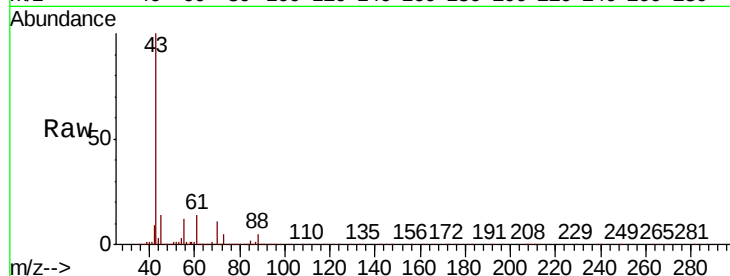




#37
Ethyl Acetate
Concen: 48.091 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

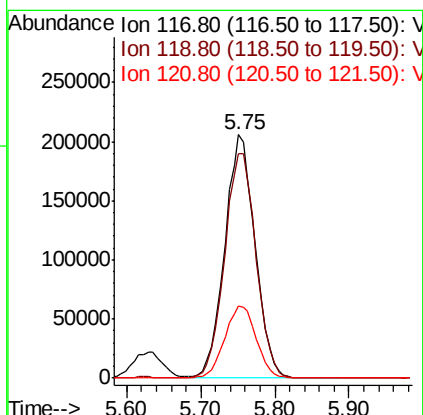
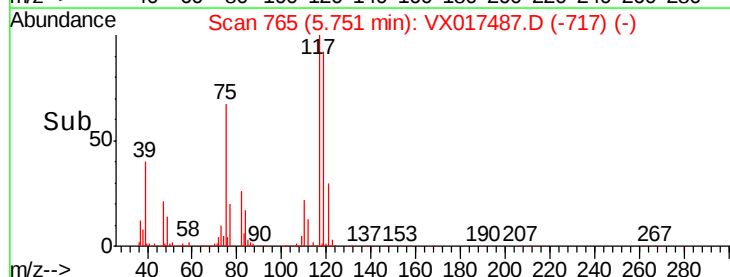
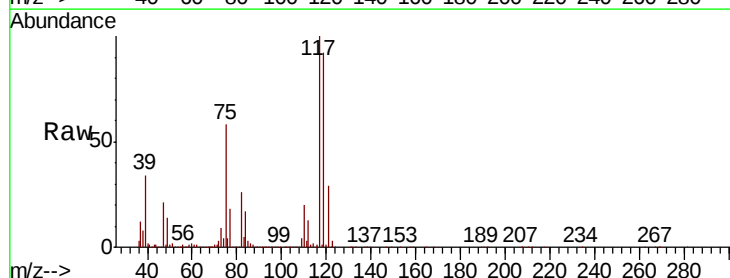
Instrument :
MSVOA_X
ClientSampleId :
BFB

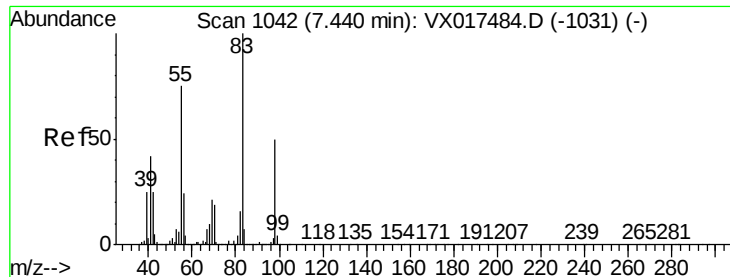
Tot Ion: 43 Resp: 516655
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.093 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 117 Resp: 585368
Ion Ratio Lower Upper
117 100
119 92.0 75.4 113.0
121 29.5 24.3 36.5

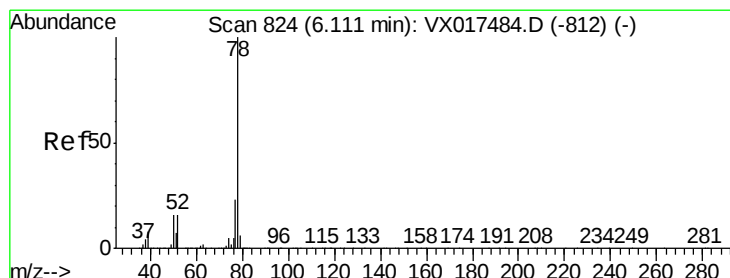
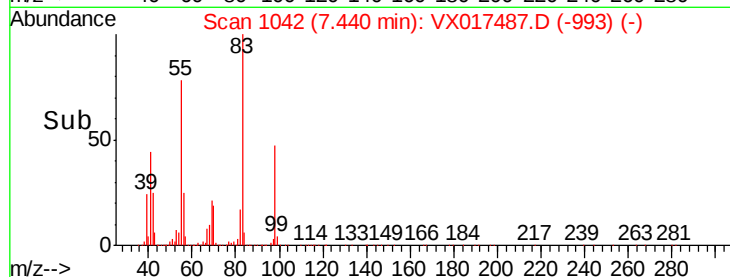
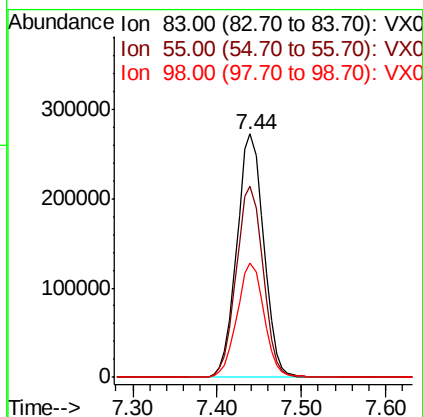
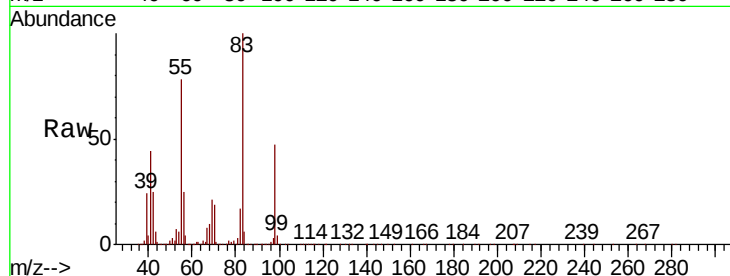




#39
Methvlcvclohexane
Concen: 51.118 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

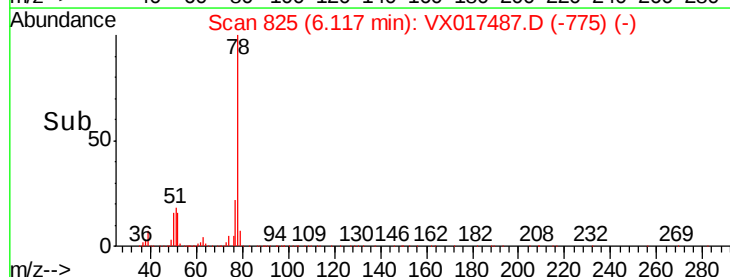
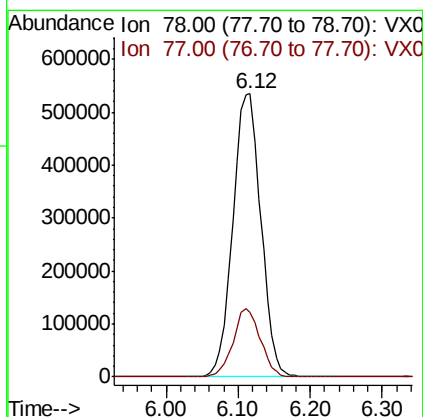
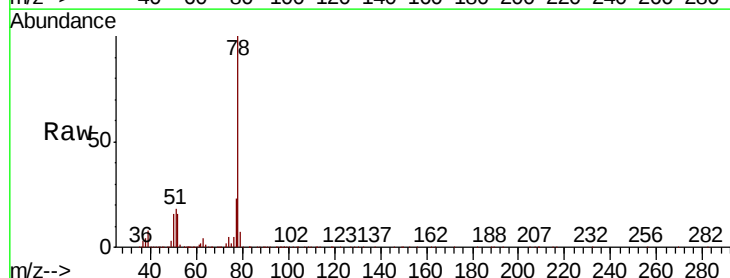
Instrument :
MSVOA_X
ClientSampleId :
BFB

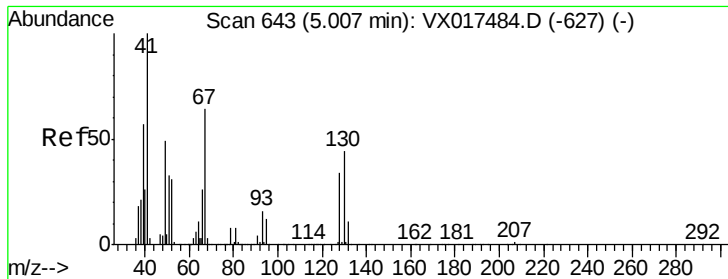
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.8
98	47.0	36.9	55.3



#40
Benzene
Concen: 51.399 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.2





#41

Methacrylonitrile

Concen: 47.864 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 41 Resp: 294748

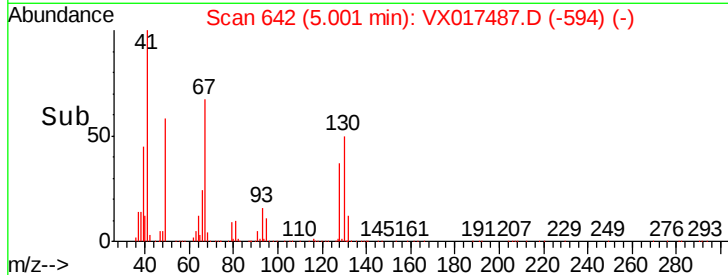
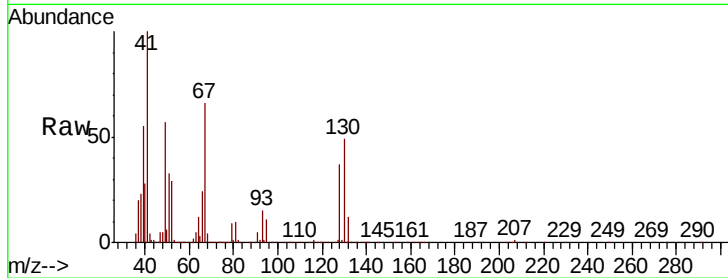
Ion Ratio Lower Upper

41 100

39 54.1 43.9 65.9

67 68.6 54.0 81.0

52 29.0 23.0 34.6

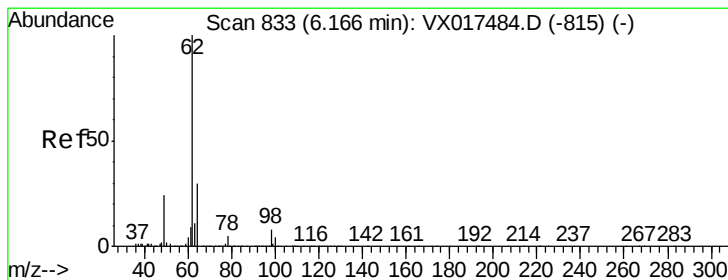
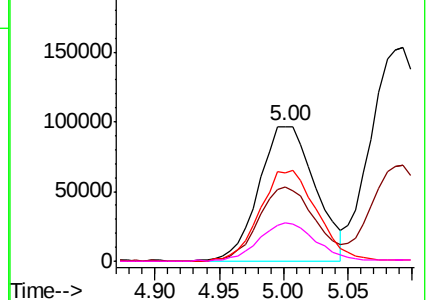


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.137 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017487.D

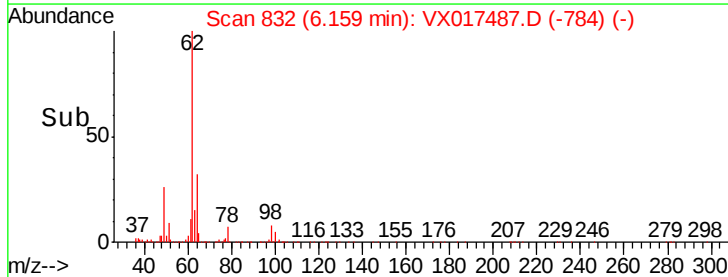
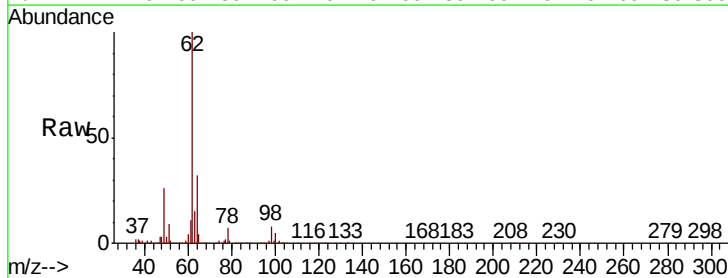
Acq: 23 Jul 2020 12:52

Tgt Ion: 62 Resp: 577406

Ion Ratio Lower Upper

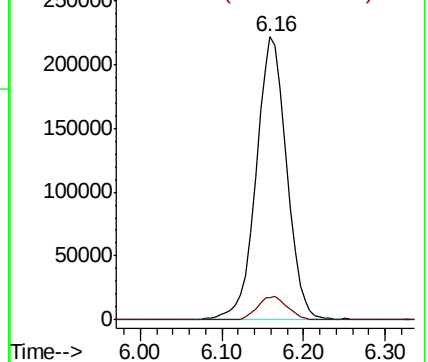
62 100

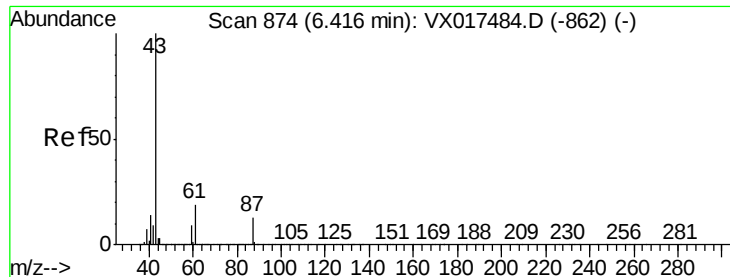
98 8.4 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



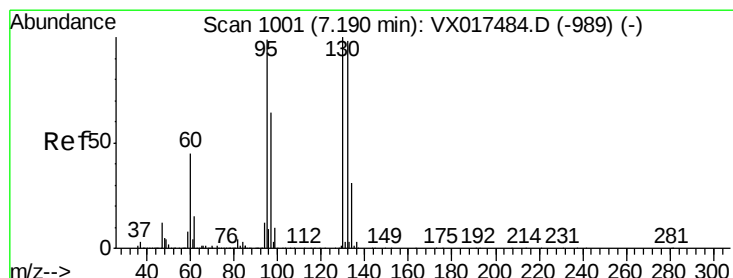
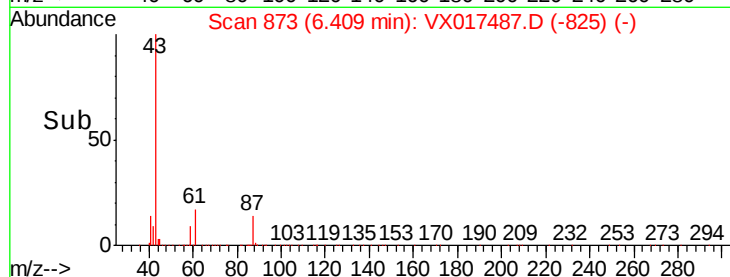
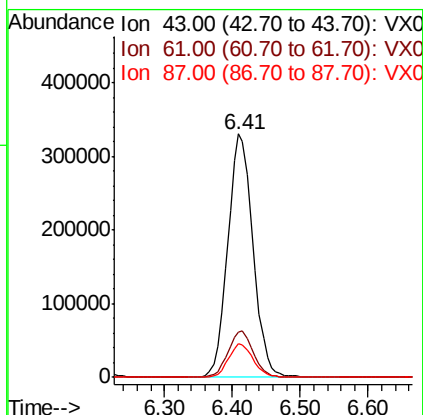
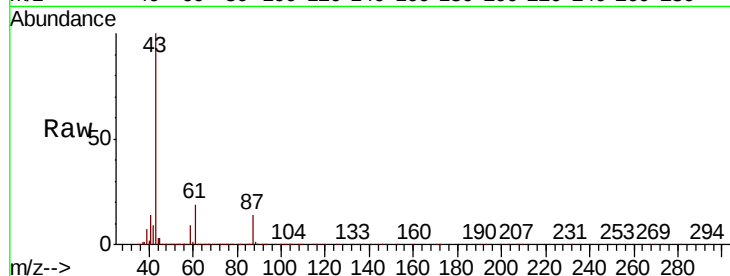


#43

Isopropyl Acetate
 Concen: 47.564 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

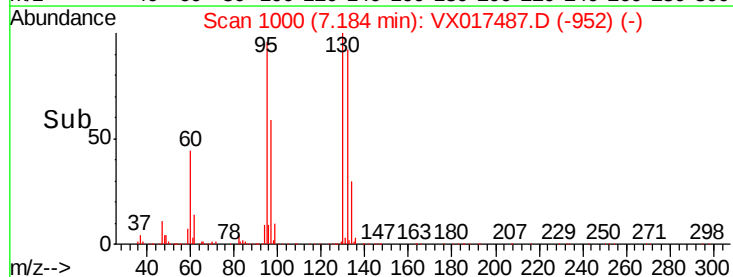
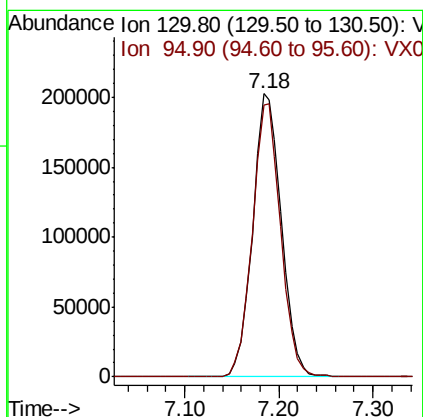
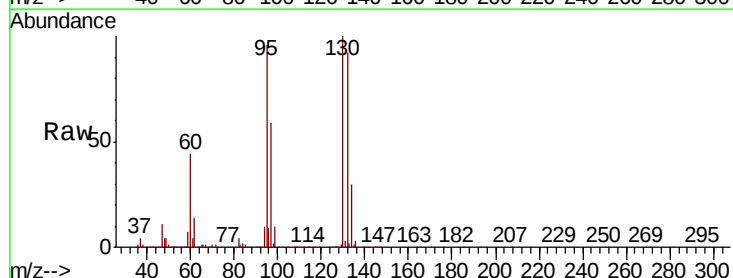
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.5	23.3
87	13.4	10.5	15.7

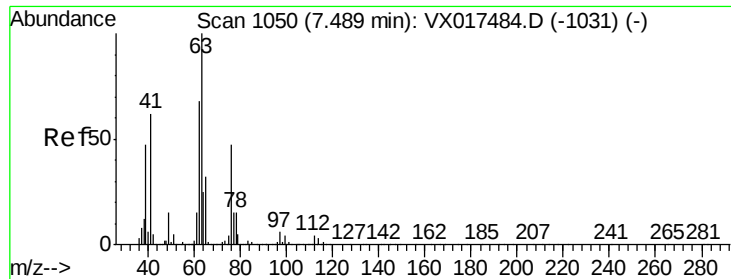


#44

Trichloroethene
 Concen: 52.651 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	189.0

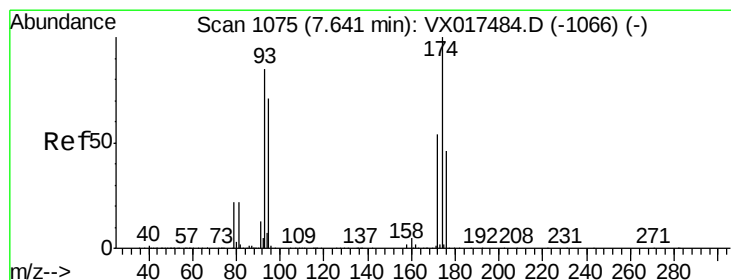
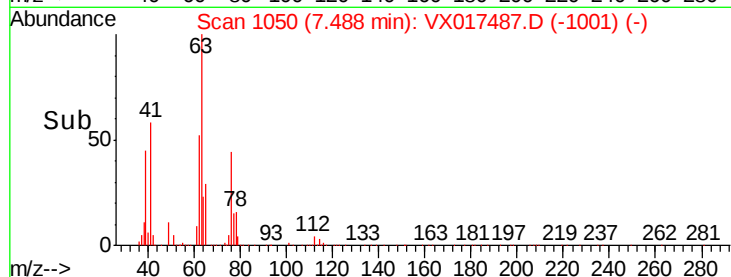
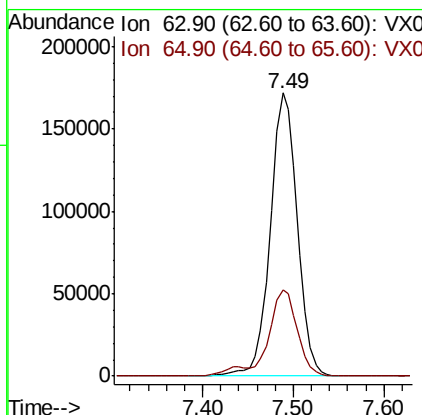
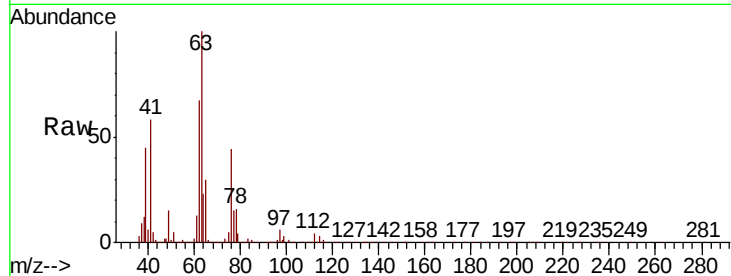




#45
 1,2-Dichloropropane
 Concen: 45.339 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

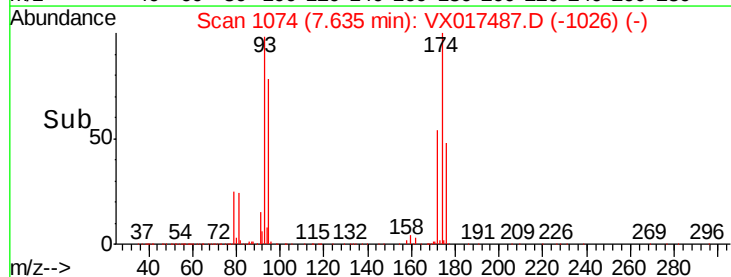
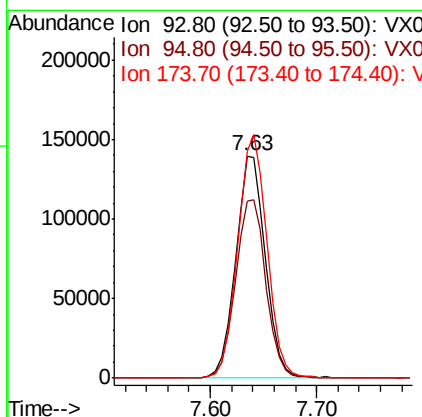
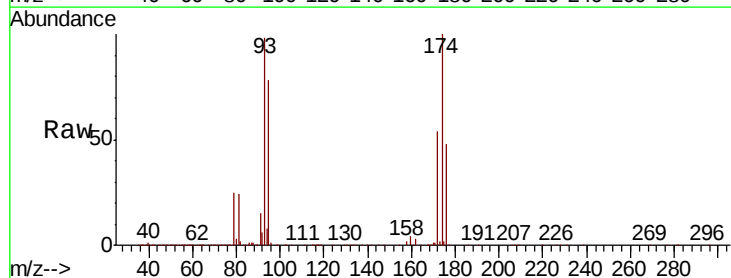
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

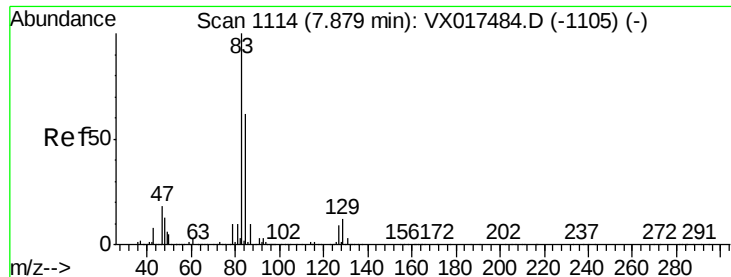
Tot Ion: 63 Resp: 353813
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 49.471 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion: 93 Resp: 272830
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 108.3 87.0 130.6





#47

Bromodichloromethane

Concen: 51.039 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

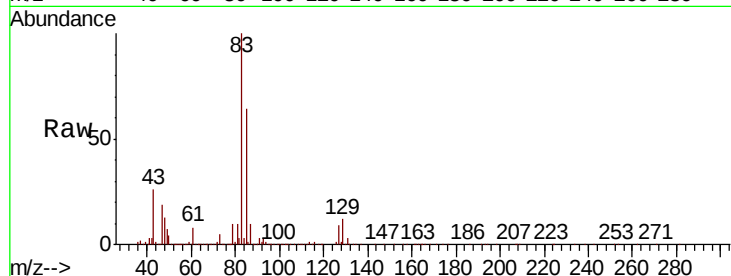
Tot Ion: 83 Resp: 566374

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.8

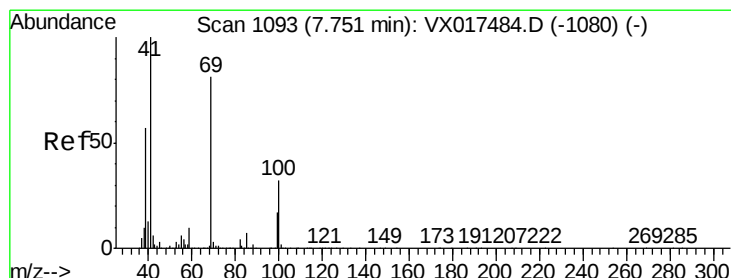
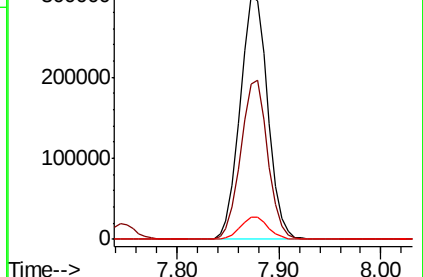
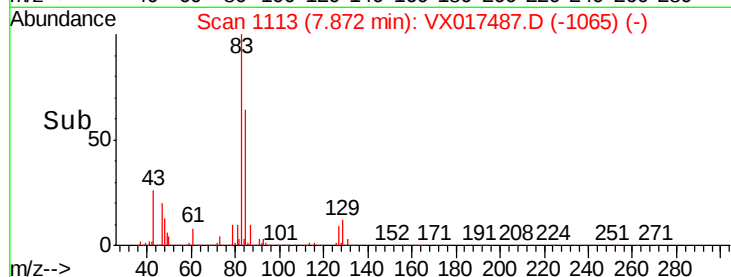
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.210 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

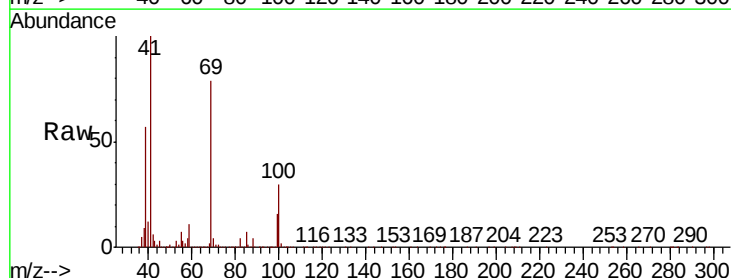
Tgt Ion: 41 Resp: 458748

Ion Ratio Lower Upper

41 100

69 80.0 63.1 94.7

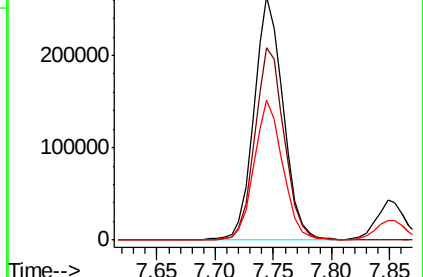
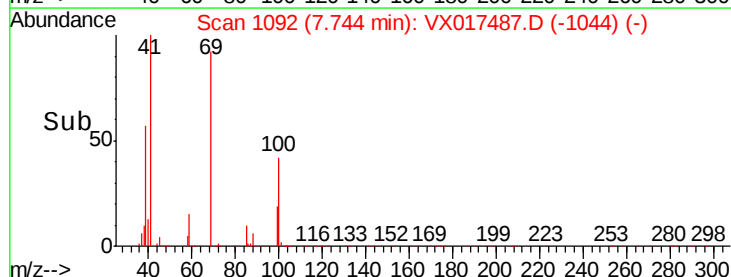
39 56.4 45.1 67.7

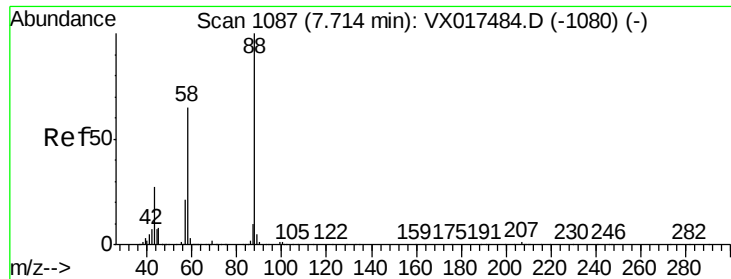


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1158.912 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

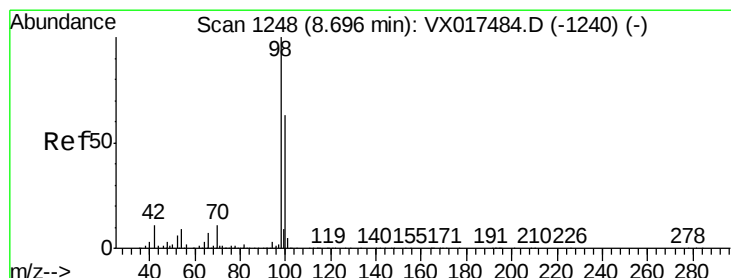
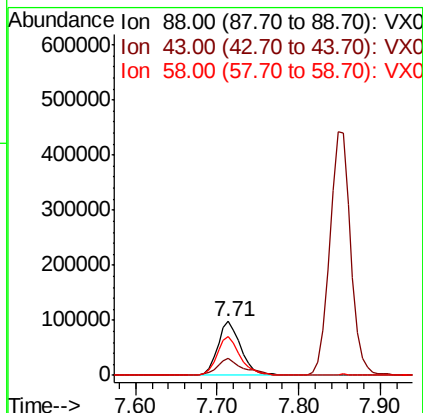
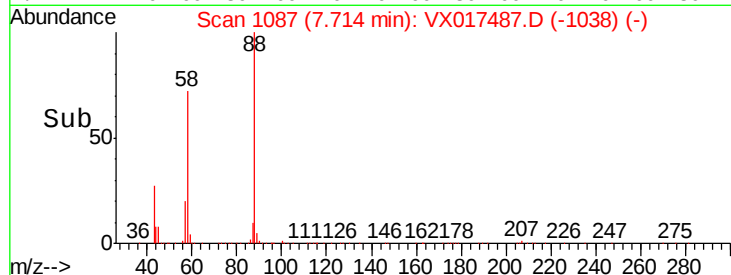
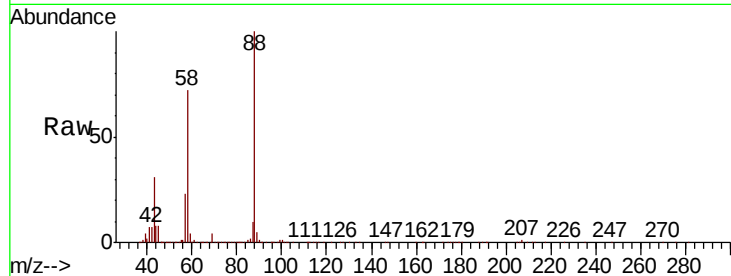
MSVOA_X

ClientSampleId :

BFB

Tot Ion: 88 Resp: 195230

Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.8	41.6
58	71.8	58.3	87.5



#50

Toluene-d8

Concen: 44.987 ug/l

RT: 8.70 min Scan# 1248

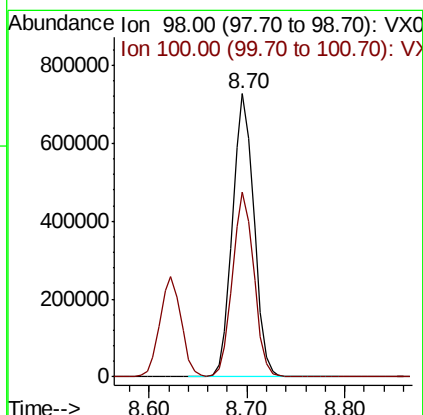
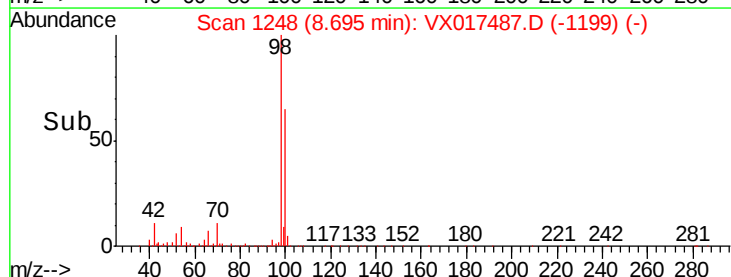
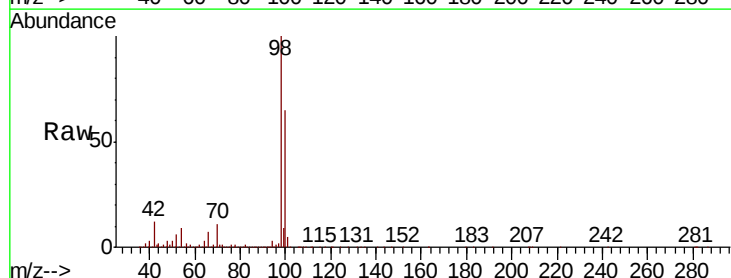
Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Tgt Ion: 98 Resp: 1111202

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 245.642 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

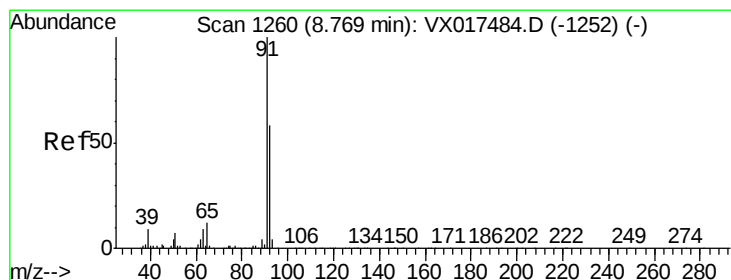
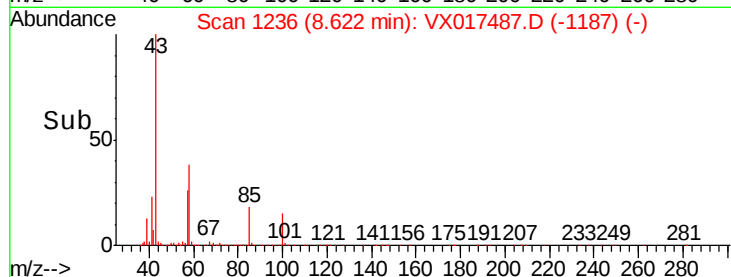
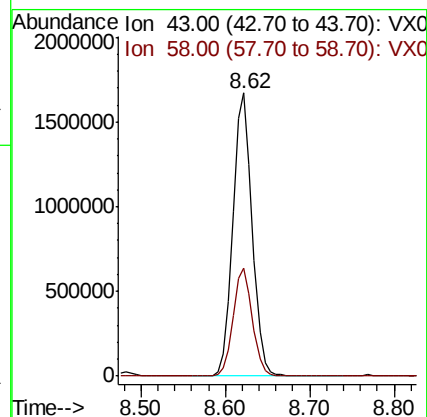
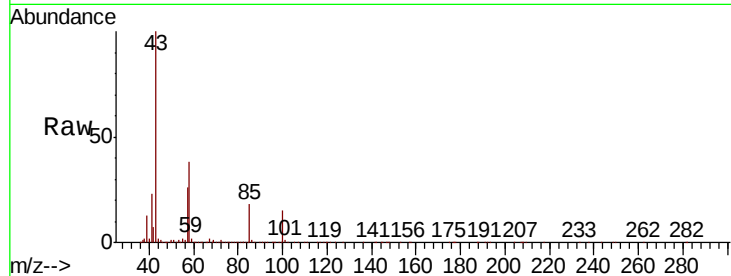
BFB

Tot Ion: 43 Resp: 2598006

Ion Ratio Lower Upper

43 100

58 37.9 31.0 46.4



#52

Toluene

Concen: 46.803 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017487.D

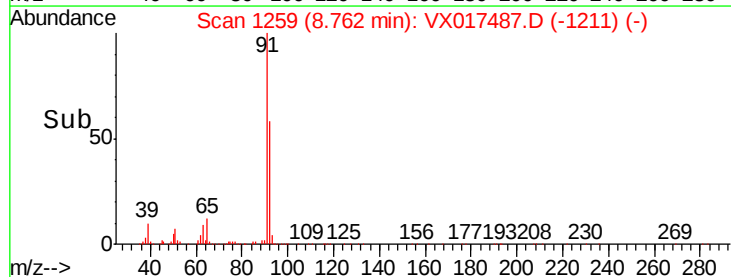
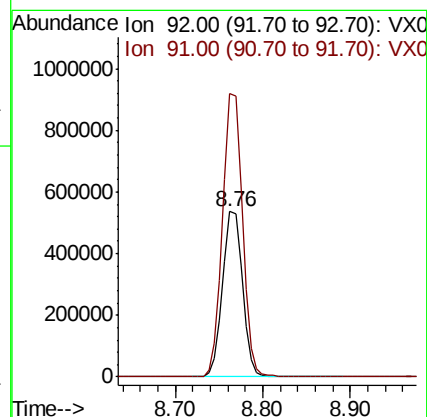
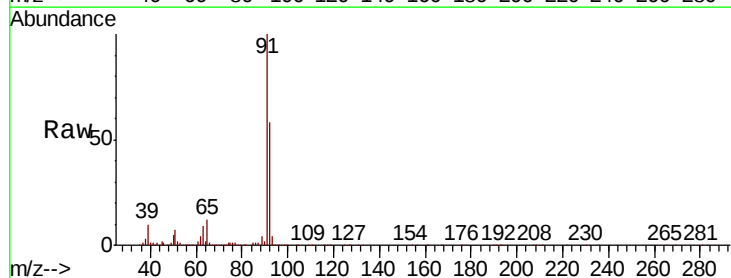
Acq: 23 Jul 2020 12:52

Tgt Ion: 92 Resp: 844951

Ion Ratio Lower Upper

92 100

91 171.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 47.065 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

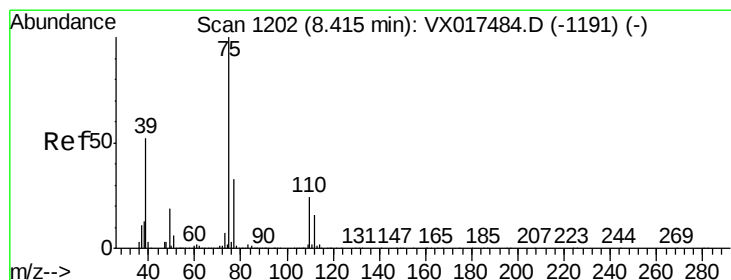
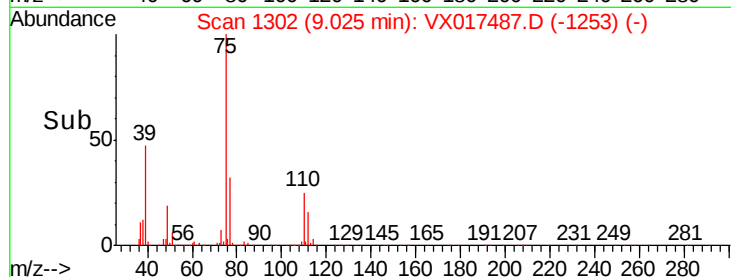
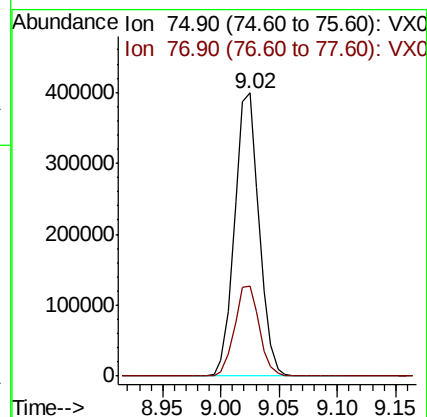
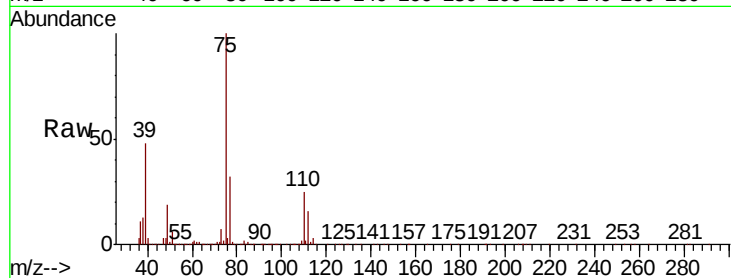
BFB

Tot Ion: 75 Resp: 584644

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.177 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

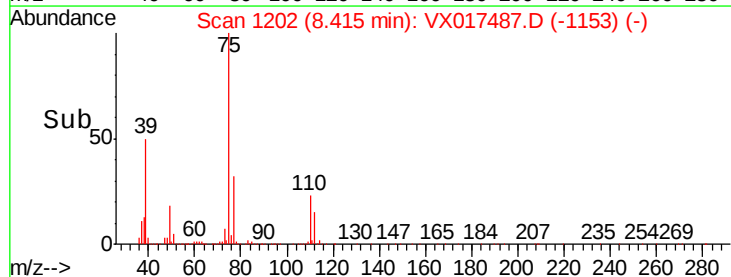
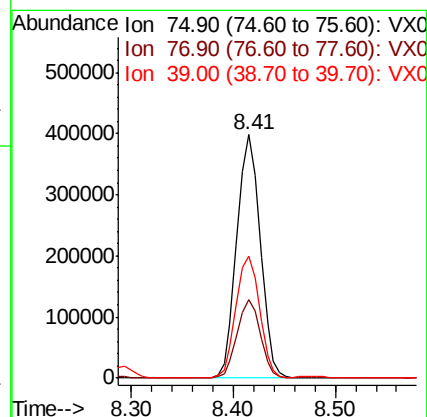
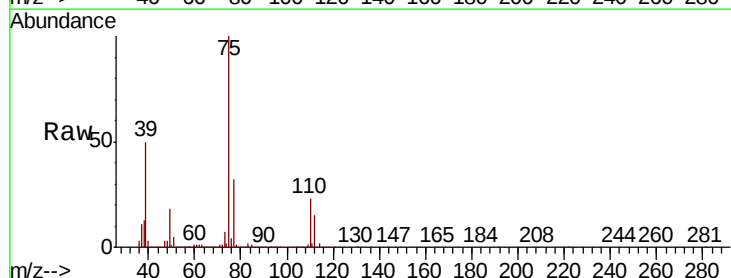
Tgt Ion: 75 Resp: 635757

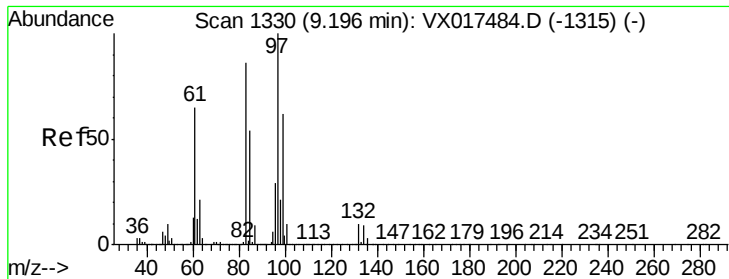
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 50.1 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 45.311 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 340761

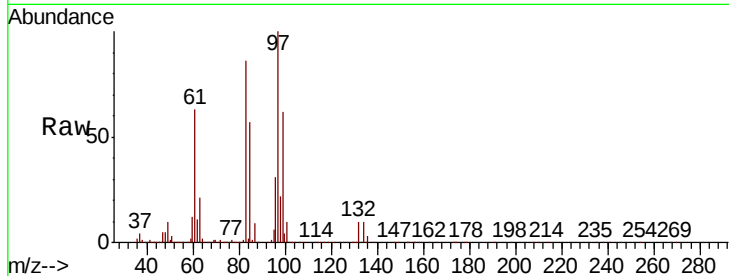
Ion Ratio Lower Upper

97 100

83 86.1 67.6 101.4

85 56.8 44.6 67.0

99 62.1 50.2 75.4

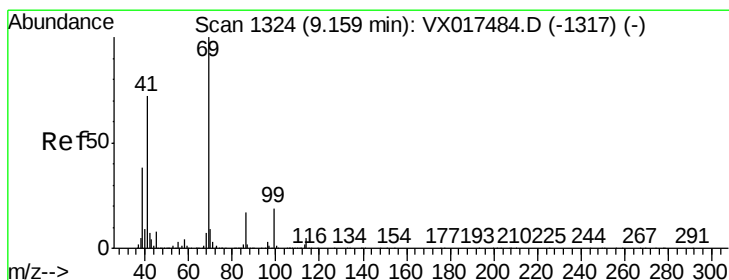
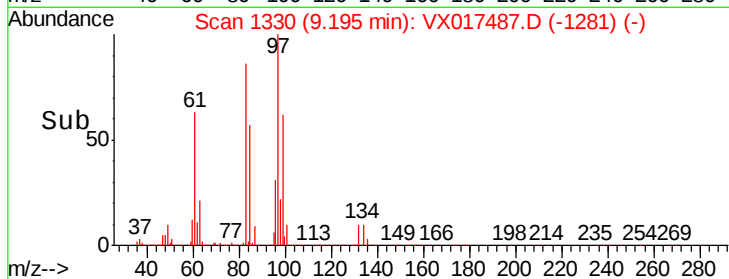
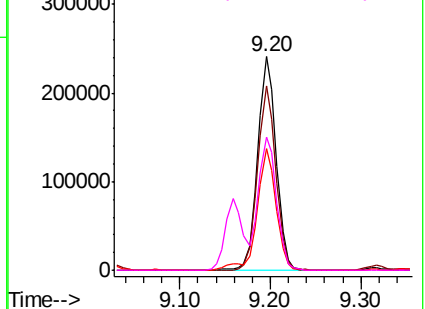


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.770 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

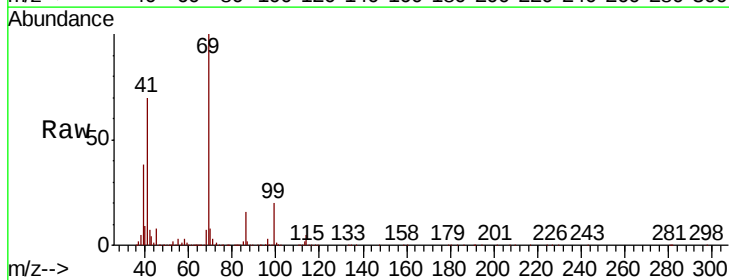
Tgt Ion: 69 Resp: 541246

Ion Ratio Lower Upper

69 100

41 69.5 55.0 82.6

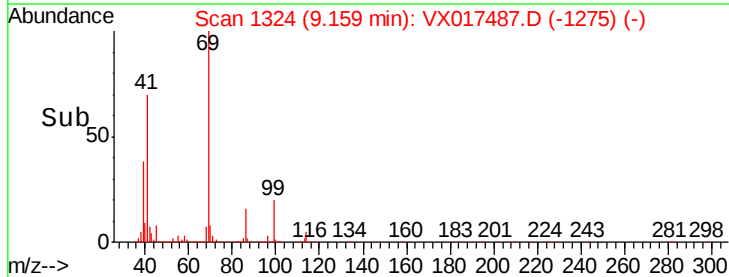
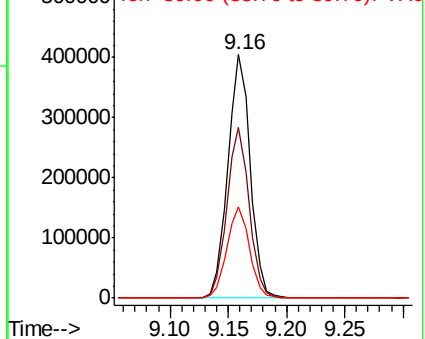
39 38.1 30.0 45.0

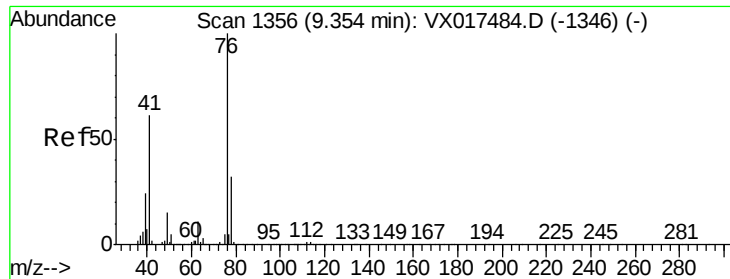


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.301 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

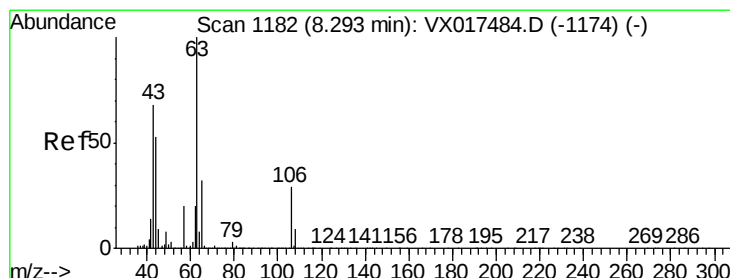
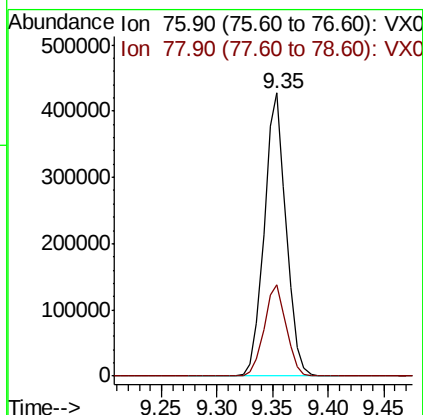
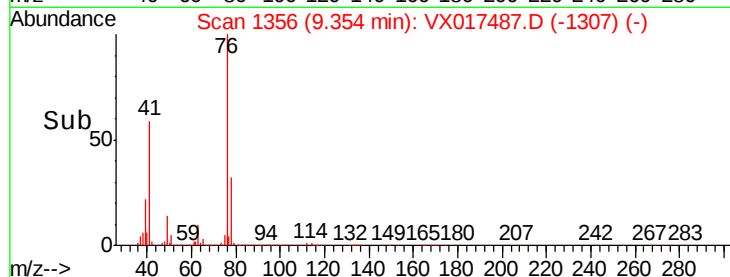
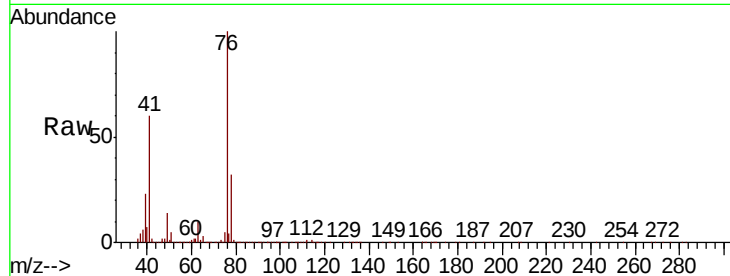
BFB

Tot Ion: 76 Resp: 585754

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.933 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017487.D

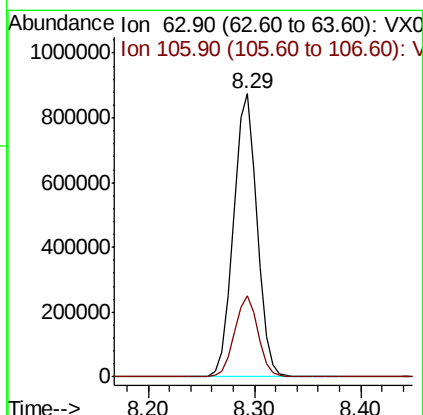
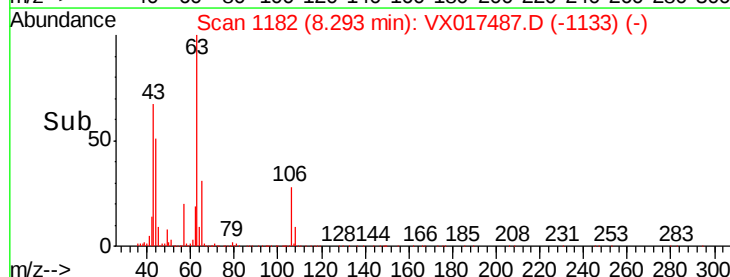
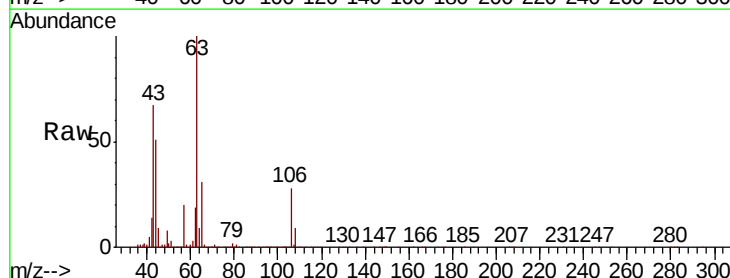
Acq: 23 Jul 2020 12:52

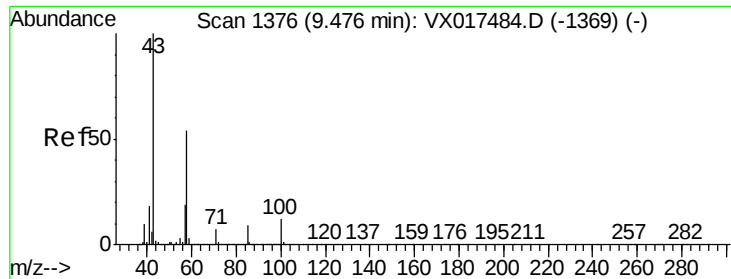
Tgt Ion: 63 Resp: 1354636

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0

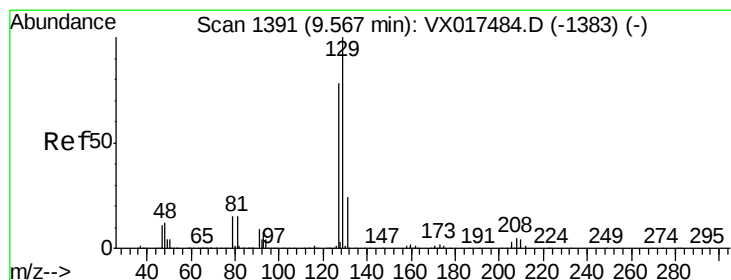
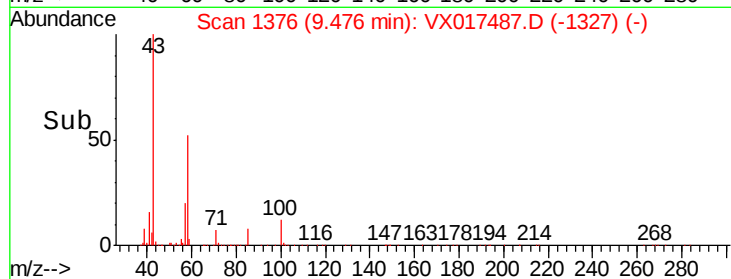
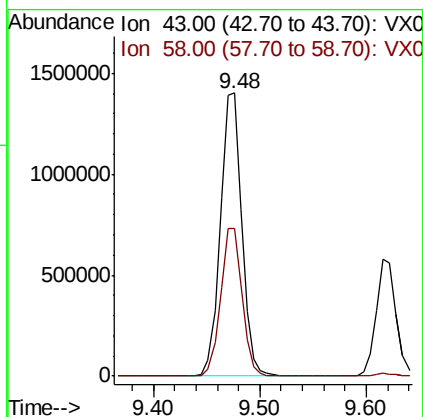
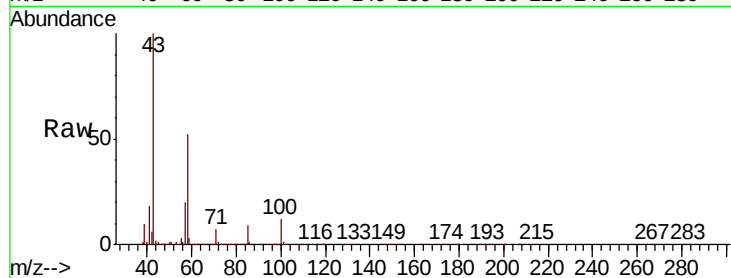




#59
2-Hexanone
Concen: 247.312 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

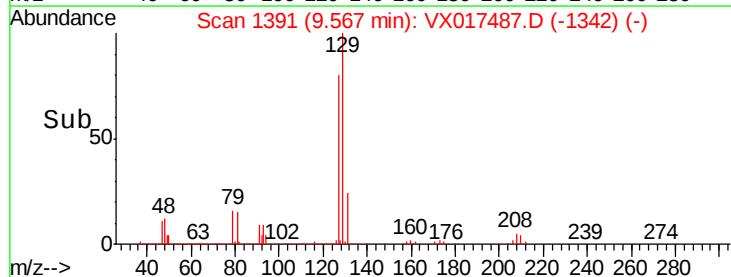
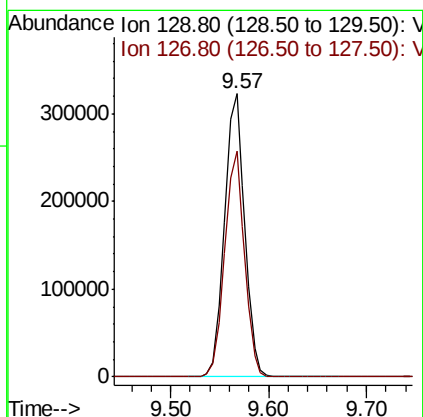
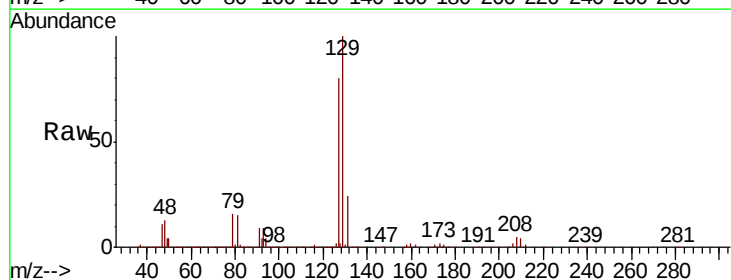
Instrument :
MSVOA_X
ClientSampleId :
BFB

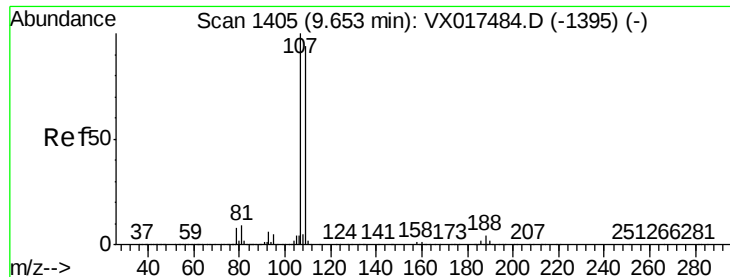
Tot Ion: 43 Resp: 1969303
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.8



#60
Dibromochloromethane
Concen: 48.213 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion:129 Resp: 460859
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.696 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

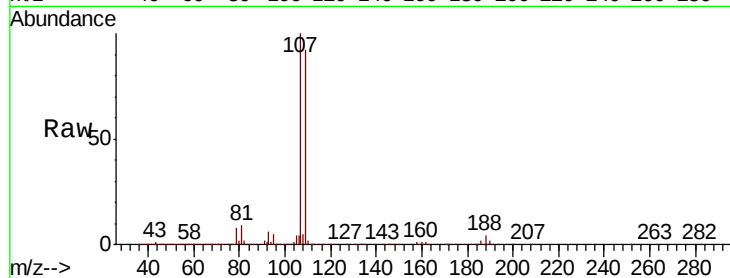
BFB

Tot Ion: 107 Resp: 389901

Ion Ratio Lower Upper

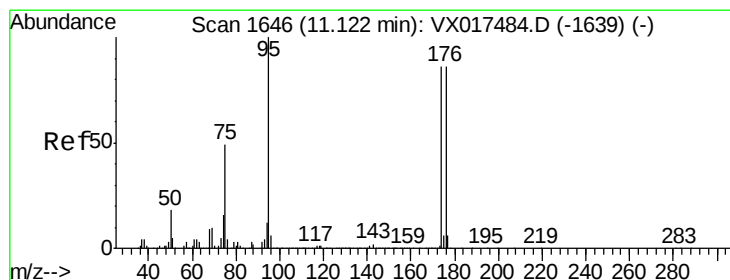
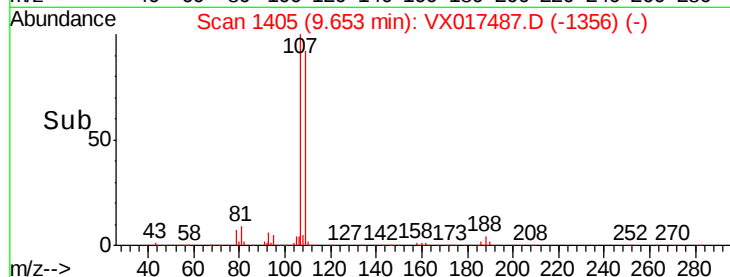
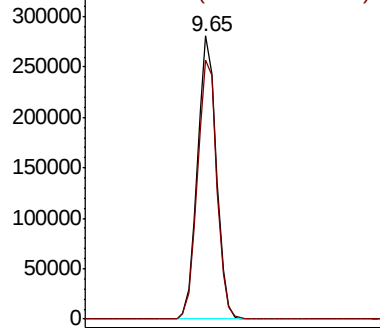
107 100

109 93.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.911 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

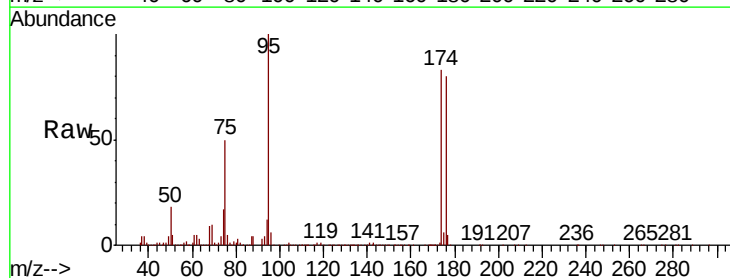
Tgt Ion: 95 Resp: 493380

Ion Ratio Lower Upper

95 100

174 83.3 0.0 169.0

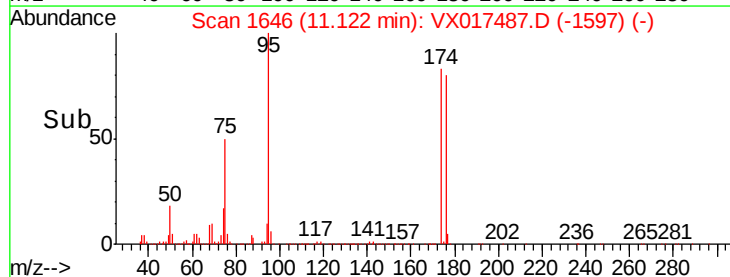
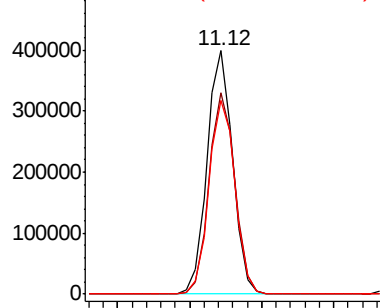
176 81.0 0.0 161.0

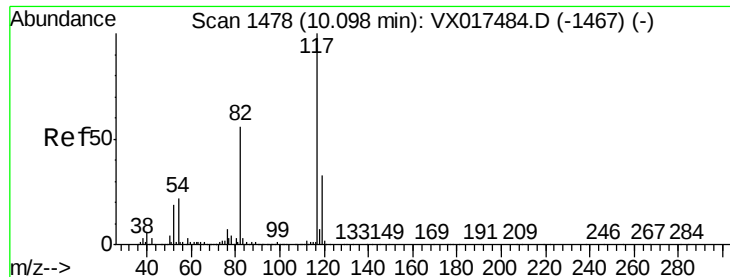


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

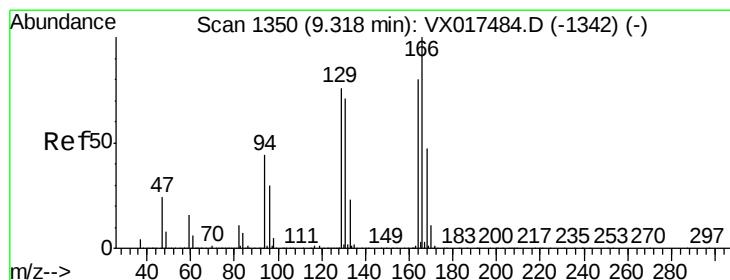
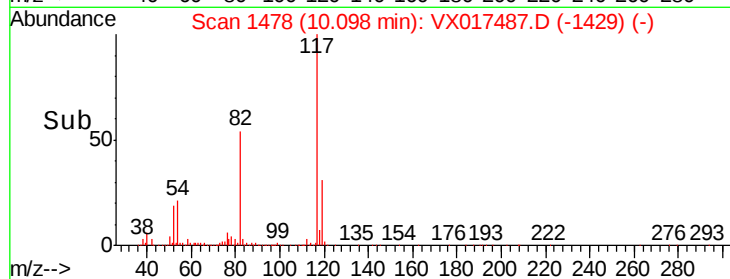
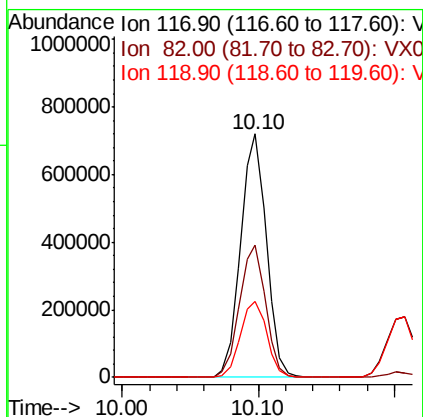
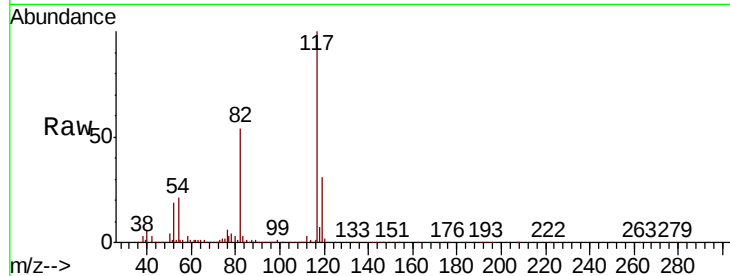




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

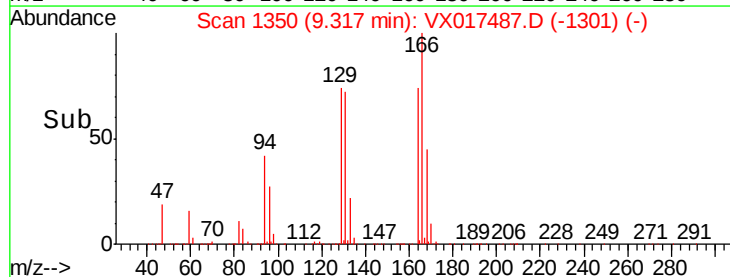
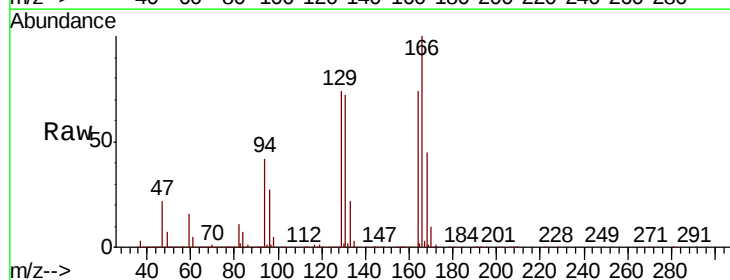
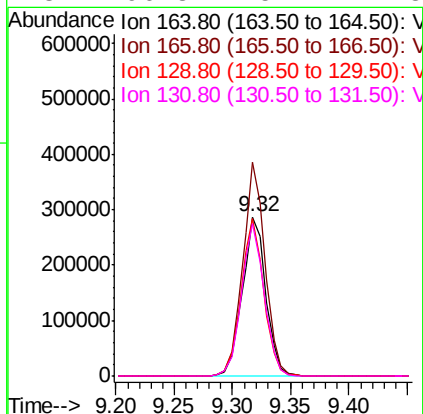
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.0	66.0
119	31.0	25.4	38.0



#64
Tetrachloroethene
Concen: 46.943 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.5	100.6	150.8
129	99.5	75.0	112.6
131	96.3	75.2	112.8





#65

Chlorobenzene

Concen: 48.743 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampled :

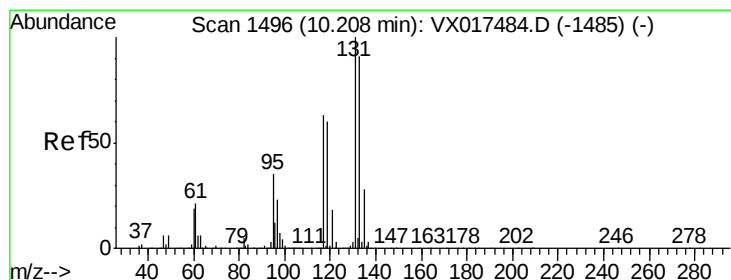
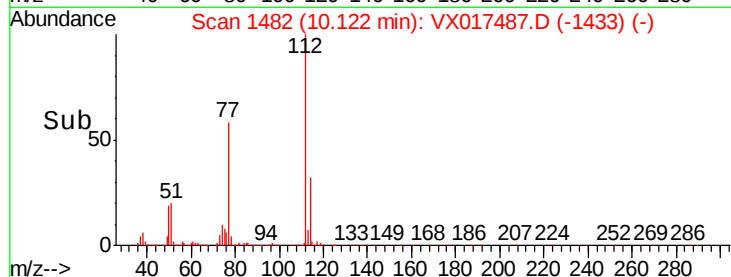
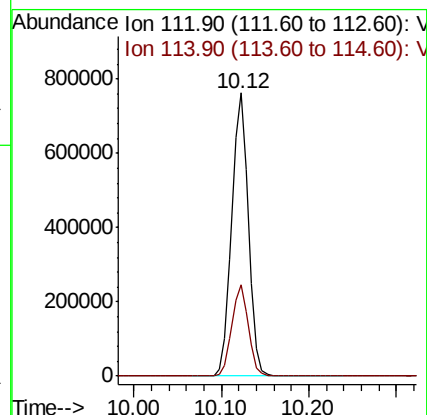
BFB

Tot Ion:112 Resp: 1006928

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 47.823 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

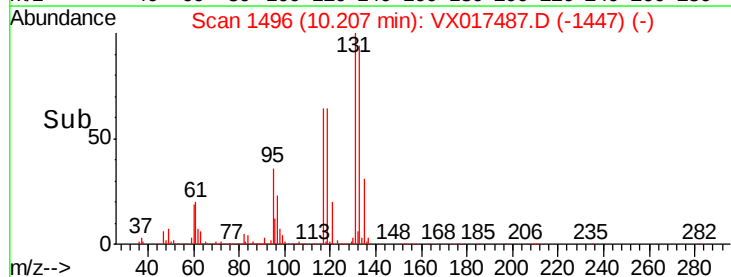
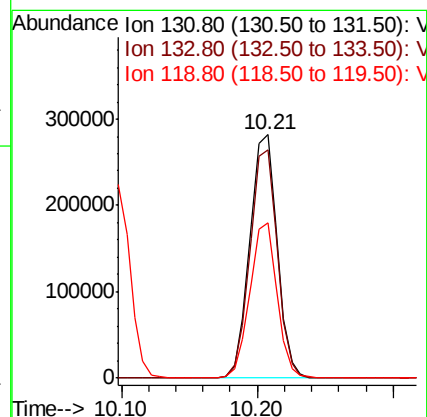
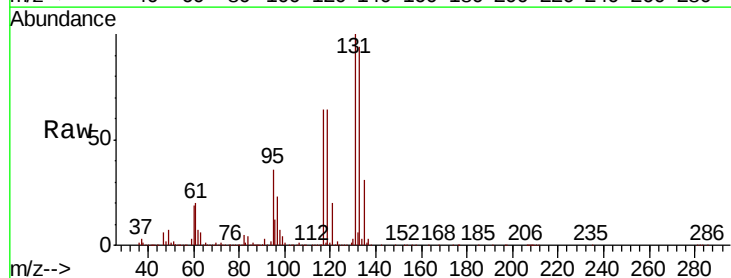
Tgt Ion:131 Resp: 398720

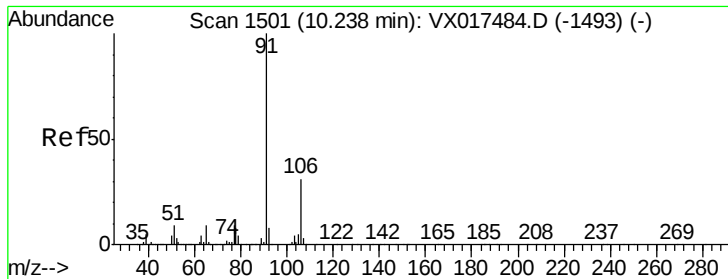
Ion Ratio Lower Upper

131 100

133 94.0 47.9 143.6

119 63.1 31.1 93.3

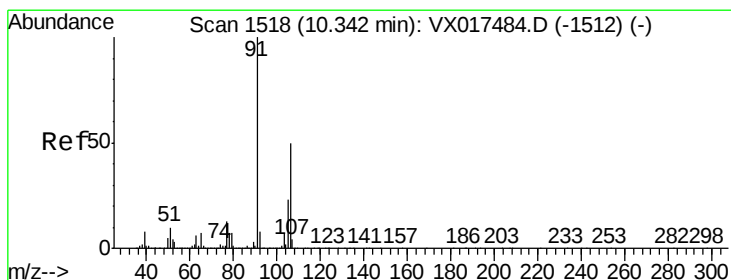
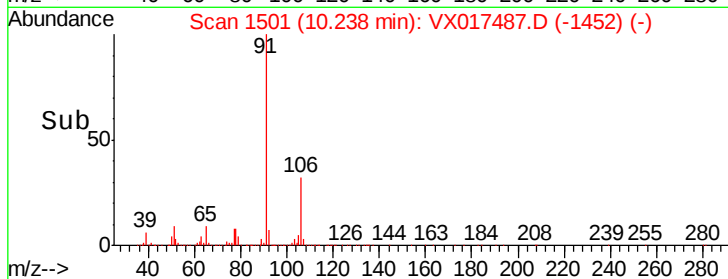
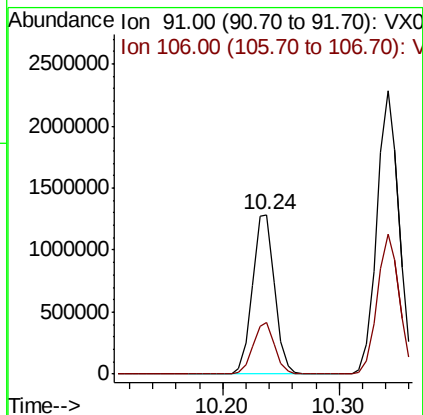
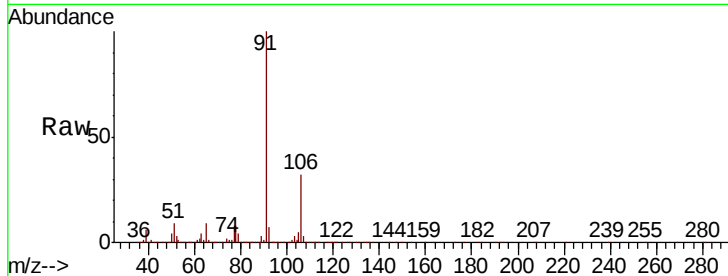




#67
Ethyl Benzene
Concen: 49.577 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

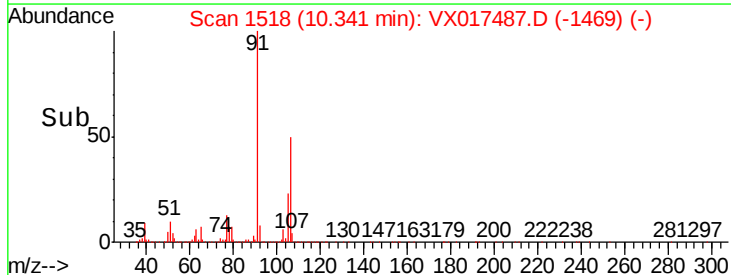
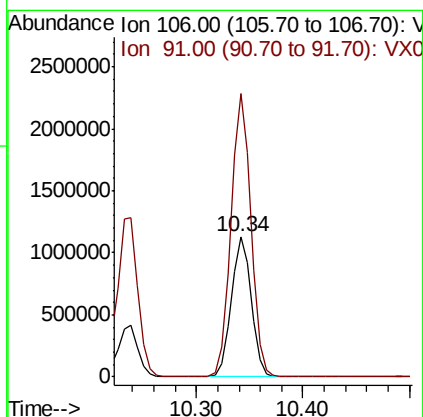
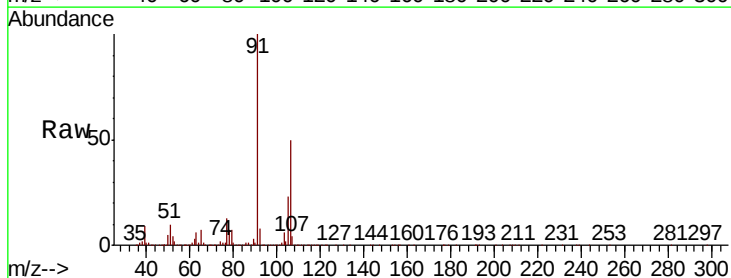
Instrument :
MSVOA_X
ClientSampled :
BFB

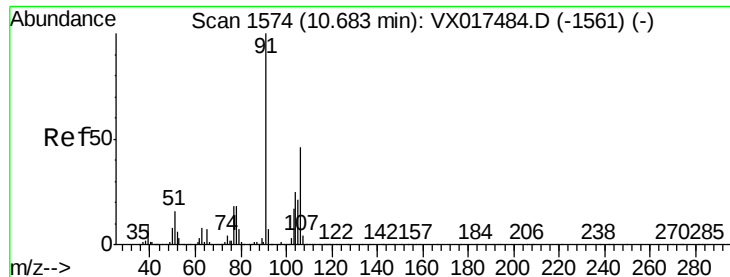
Tot Ion: 91 Resp: 1709591
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 111.036 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 106 Resp: 1483329
Ion Ratio Lower Upper
106 100
91 202.2 160.9 241.3

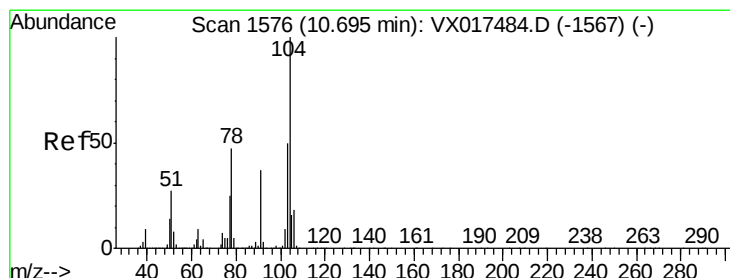
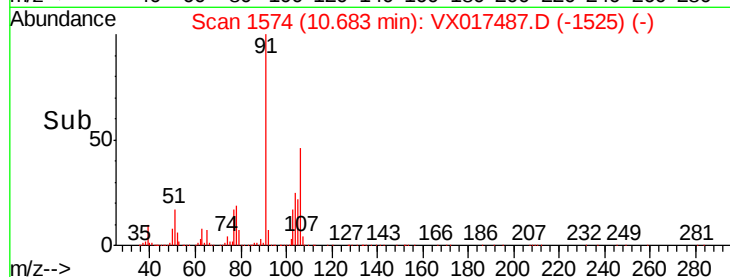
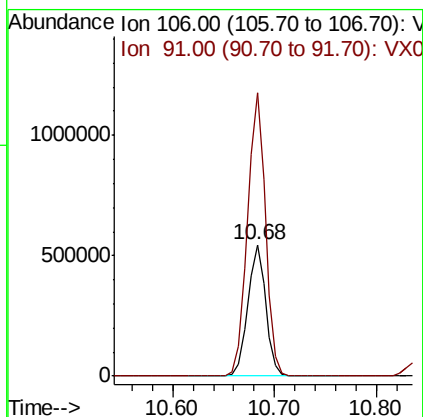
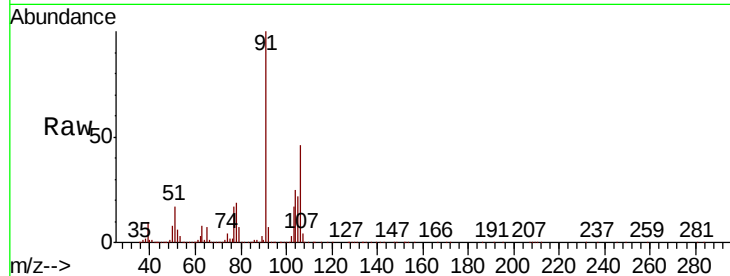




#69
o-Xylene
Concen: 51.945 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

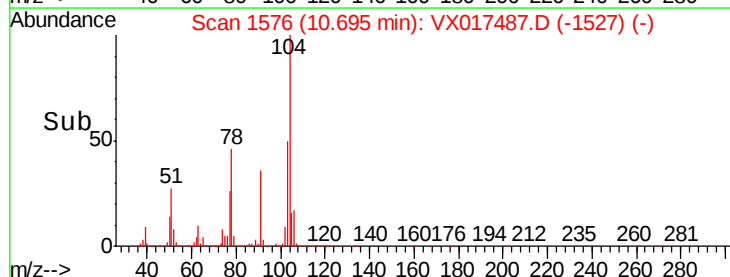
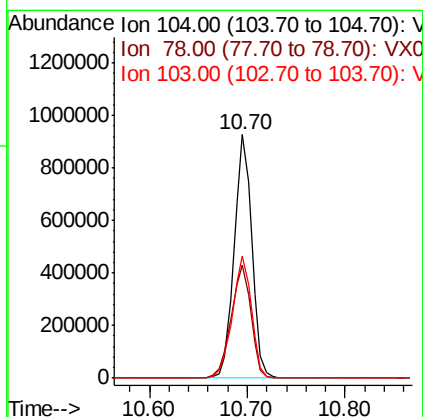
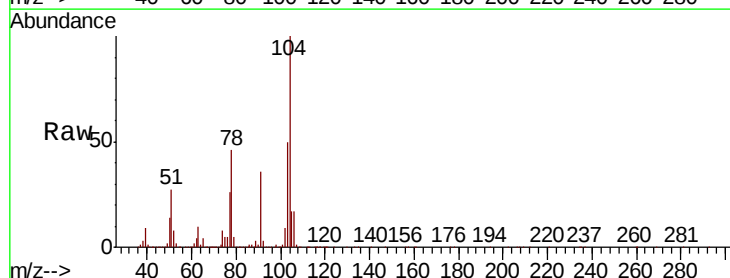
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:106 Resp: 667404
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 53.261 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion:104 Resp: 1164289
Ion Ratio Lower Upper
104 100
78 51.8 42.5 63.7
103 54.5 44.3 66.5

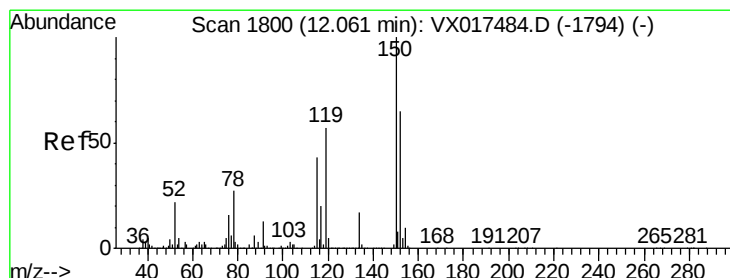
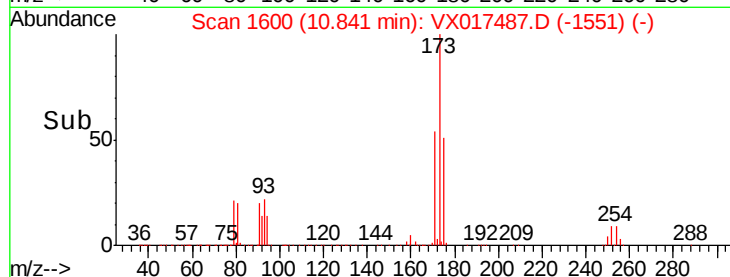
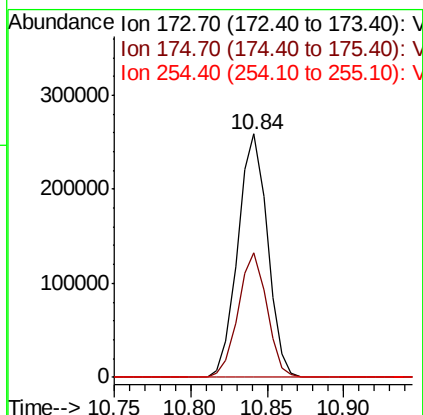
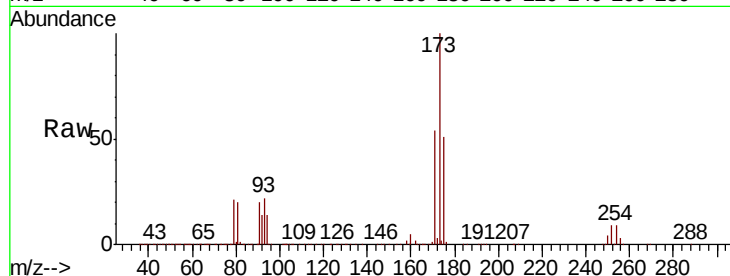




#71
Bromoform
Concen: 48.247 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

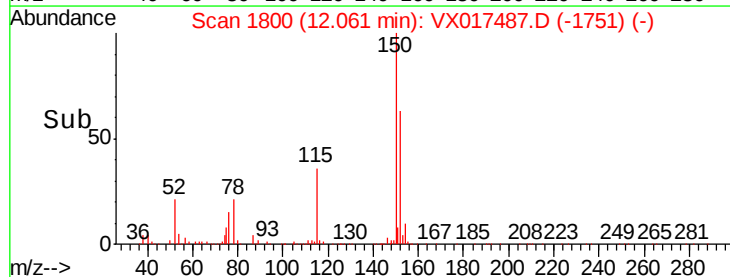
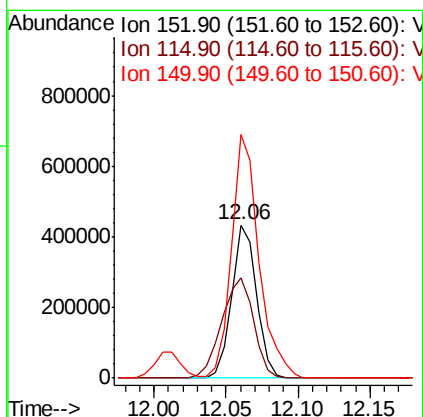
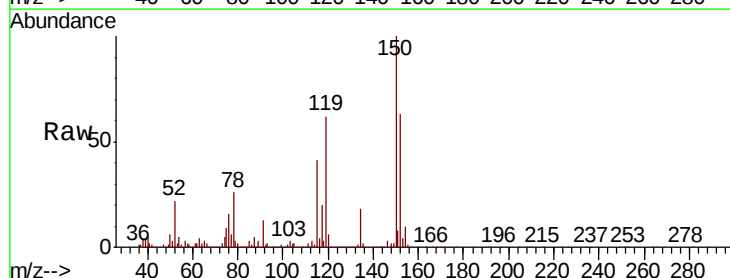
Instrument :
MSVOA_X
ClientSampleId :
BFB

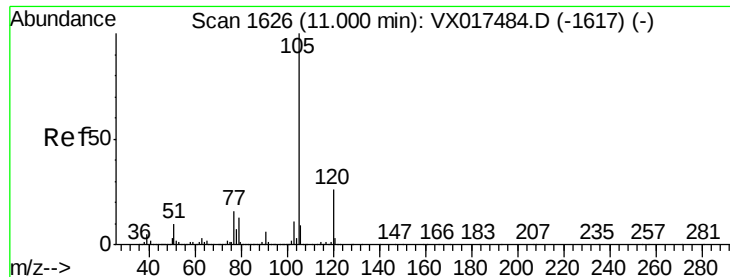
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.8	71.5
254	0.1	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.9	65.5	196.6
150	175.4	0.0	412.6





#73

Isopropylbenzene

Concen: 53.398 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

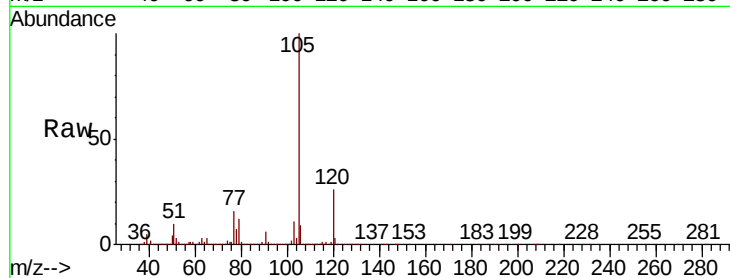
BFB

Tot Ion:105 Resp: 1919795

Ion Ratio Lower Upper

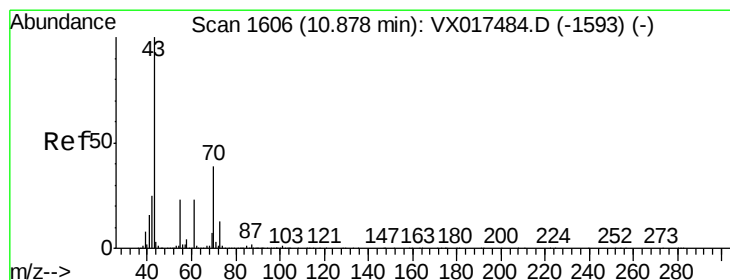
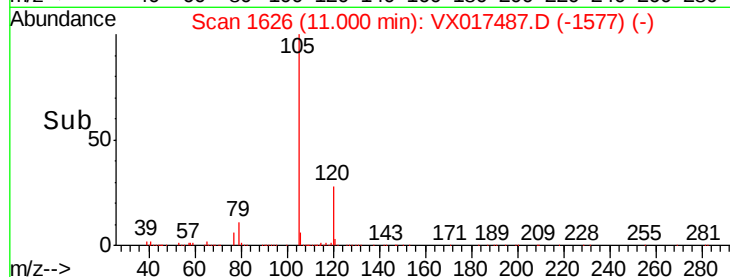
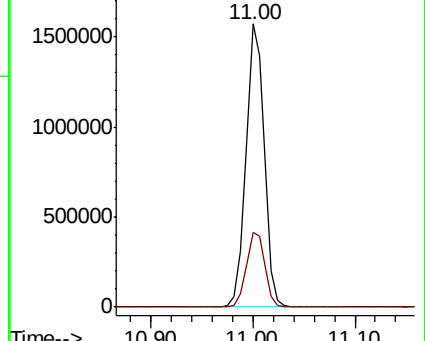
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.628 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Tgt Ion: 43 Resp: 792759

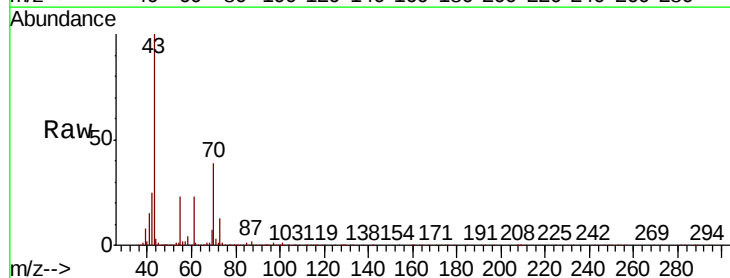
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.5 18.4 27.6

61 23.7 18.6 28.0

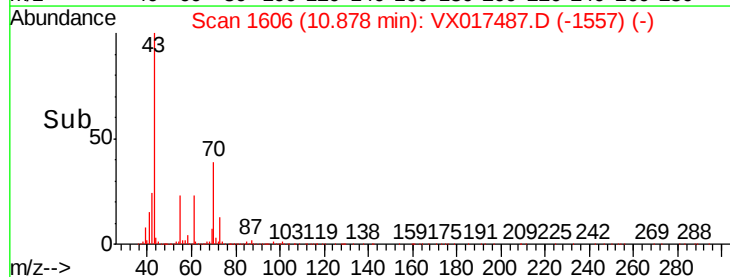
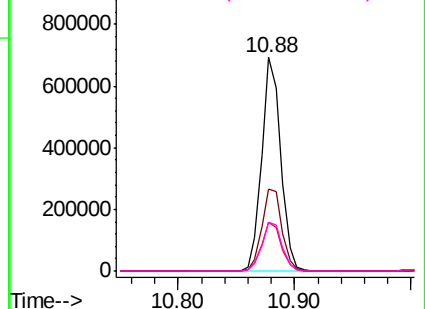


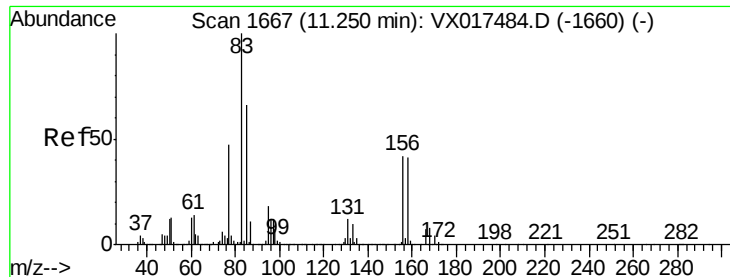
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.377 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

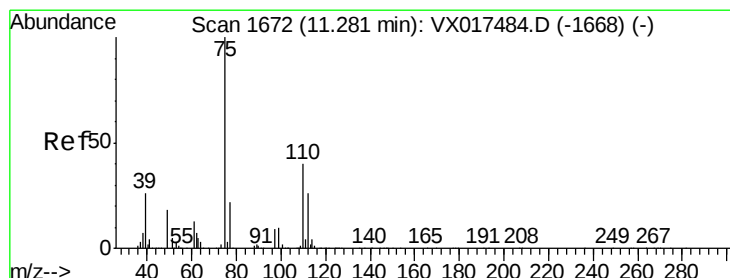
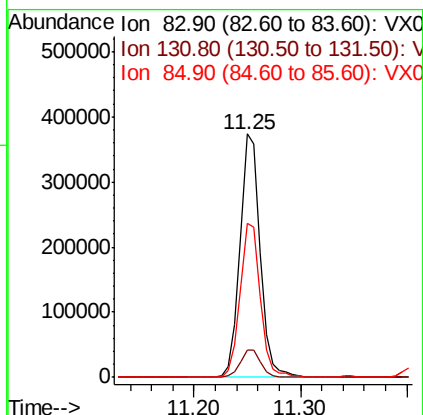
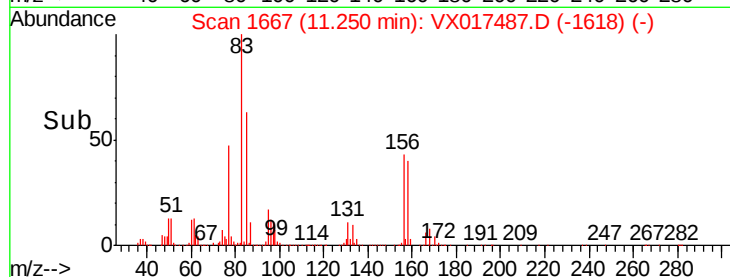
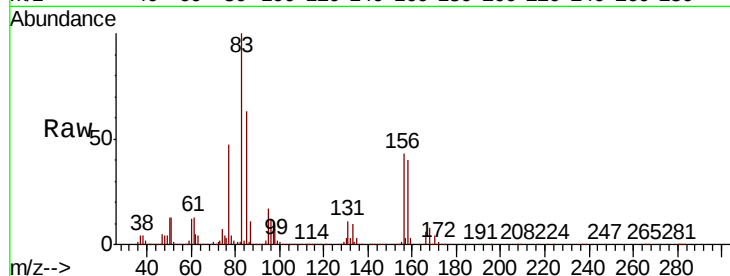
Tot Ion: 83 Resp: 498008

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 63.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 61.280 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017487.D

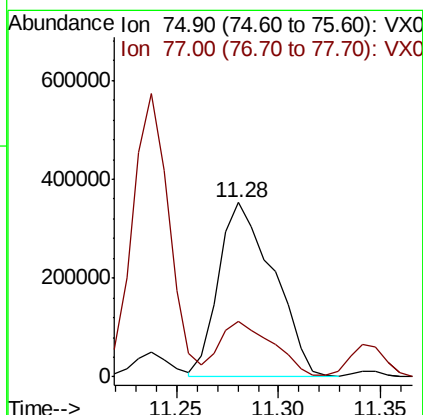
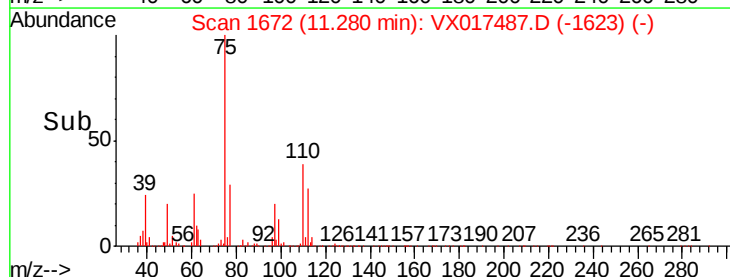
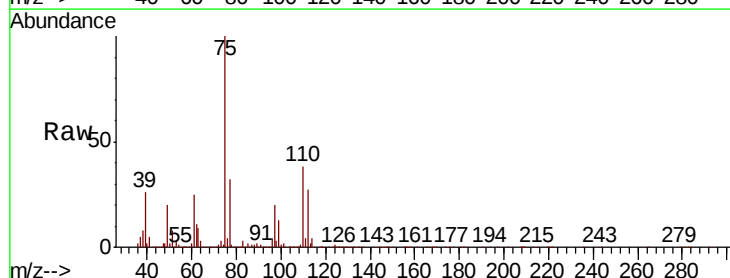
Acq: 23 Jul 2020 12:52

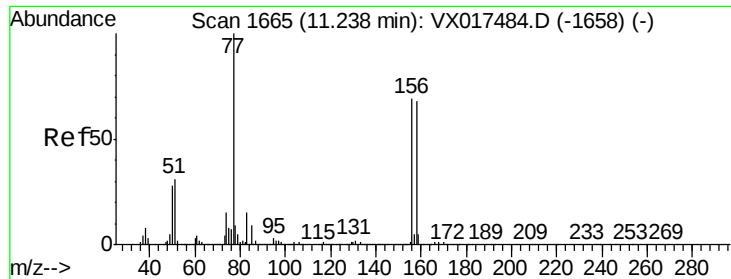
Tgt Ion: 75 Resp: 660628

Ion Ratio Lower Upper

75 100

77 31.0 21.8 65.3





#77

Bromobenzene

Concen: 45.946 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

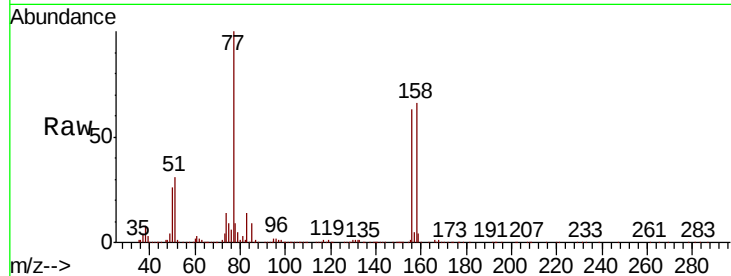
Tot Ion:156 Resp: 462446

Ion Ratio Lower Upper

156 100

77 154.5 75.0 225.0

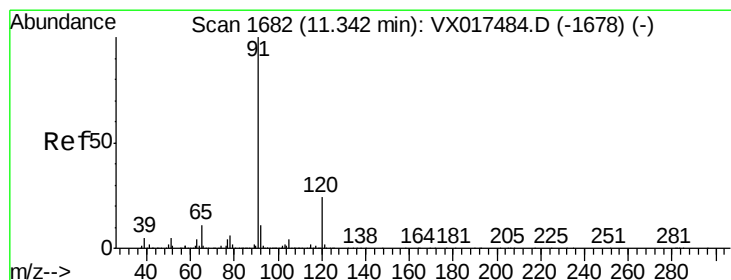
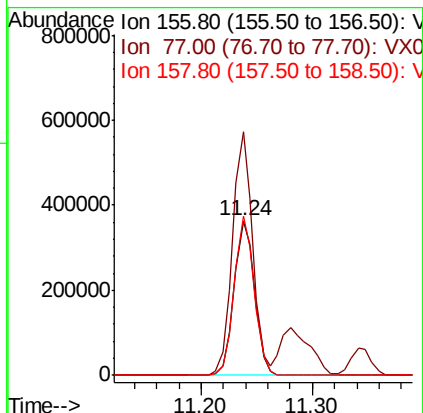
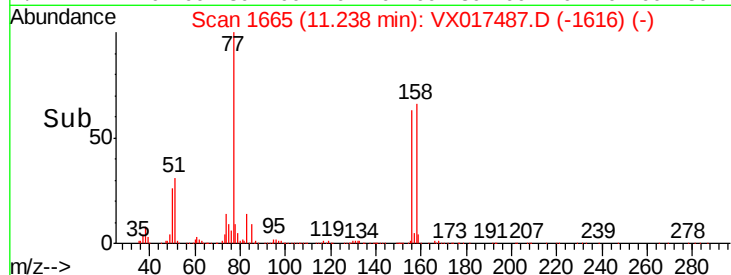
158 99.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.839 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017487.D

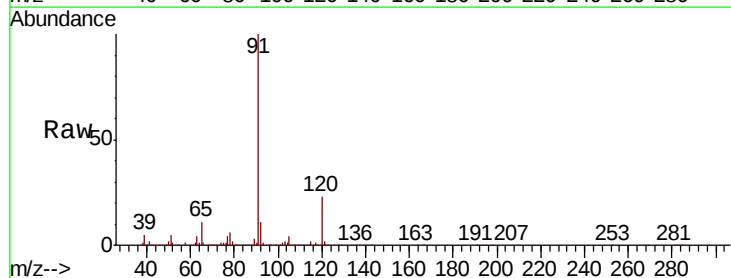
Acq: 23 Jul 2020 12:52

Tgt Ion: 91 Resp: 1980382

Ion Ratio Lower Upper

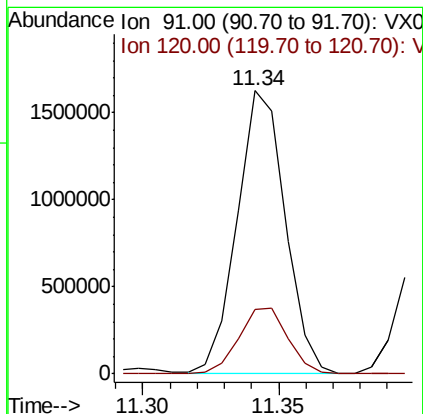
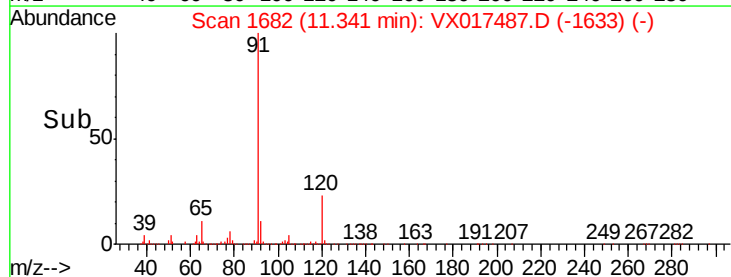
91 100

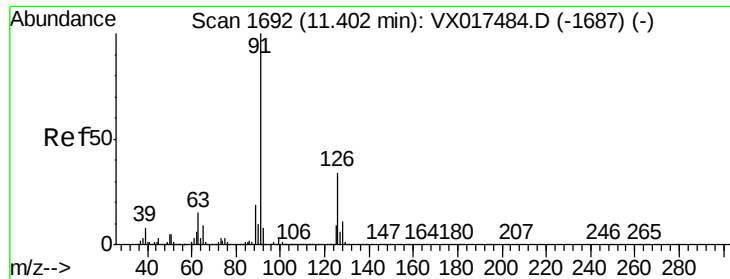
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

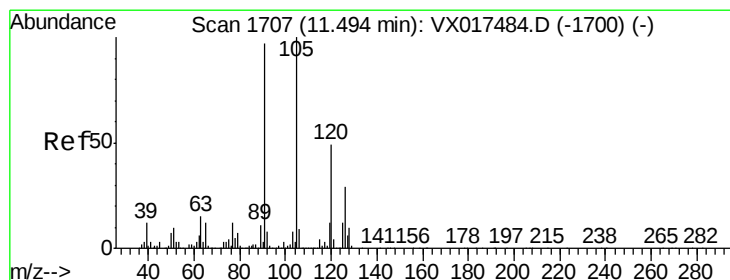
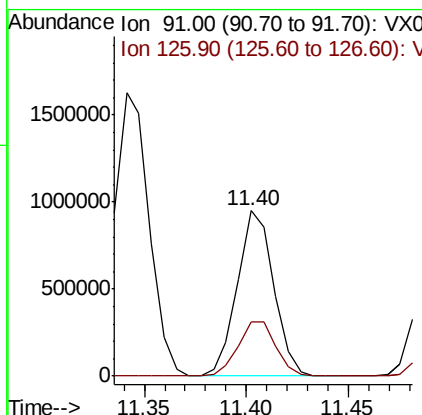
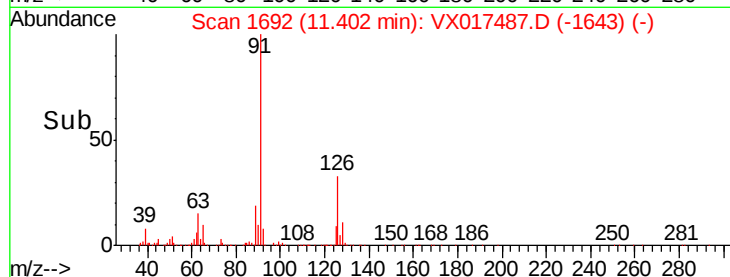
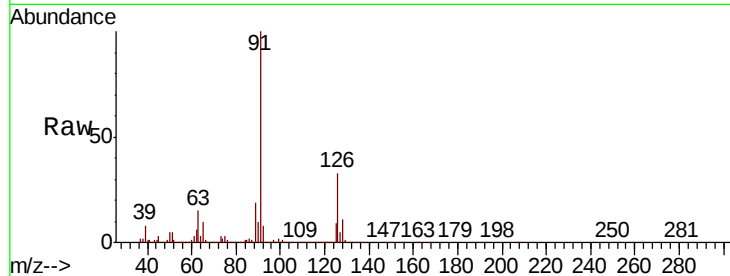




#79
2-Chlorotoluene
Concen: 46.894 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

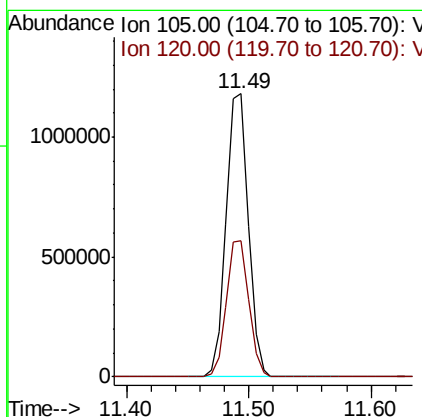
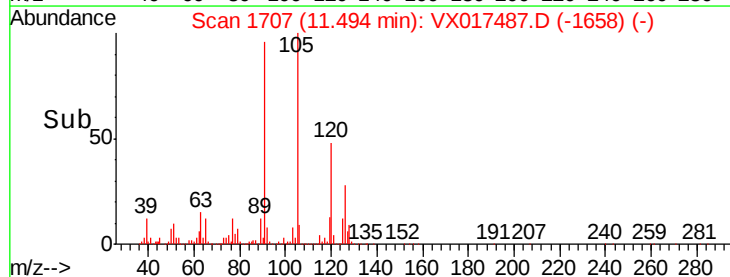
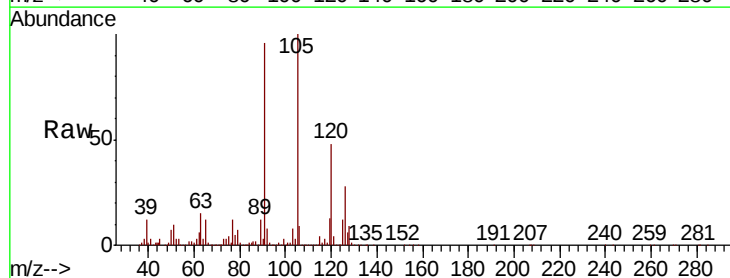
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 91 Resp: 1177905
Ion Ratio Lower Upper
91 100
126 34.6 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion:105 Resp: 1475753
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.261 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

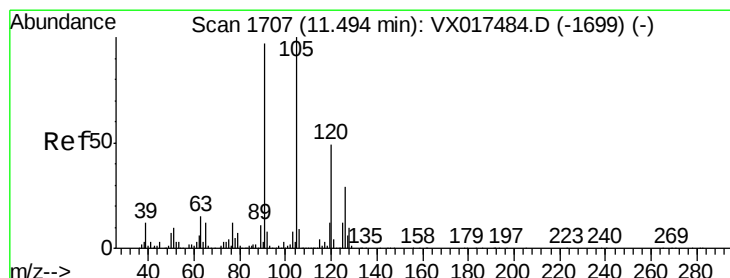
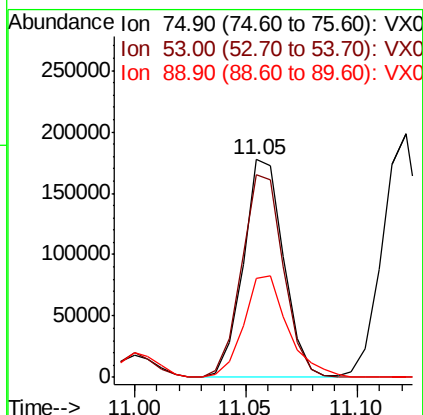
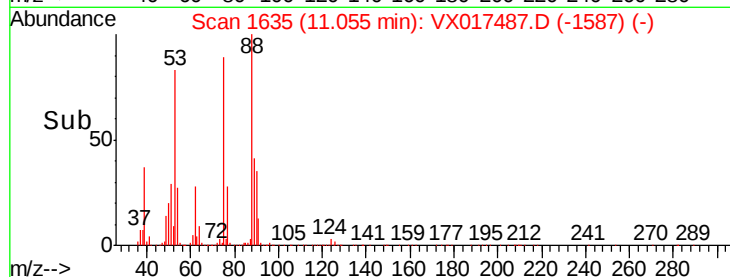
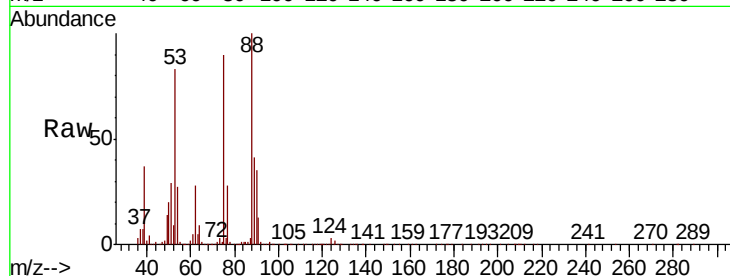
Tot Ion: 75 Resp: 223591

Ion Ratio Lower Upper

75 100

53 96.3 75.9 113.9

89 51.6 37.8 56.6



#82

4-Chlorotoluene

Concen: 47.139 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017487.D

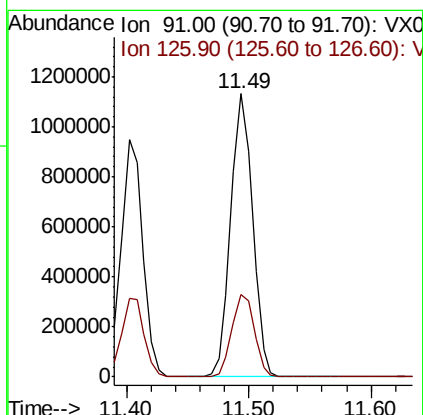
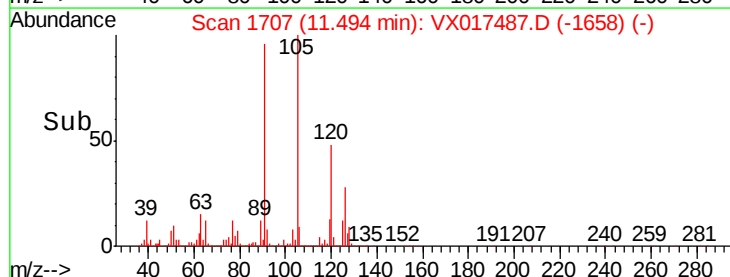
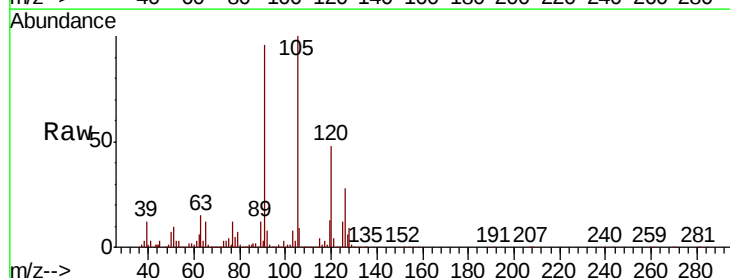
Acq: 23 Jul 2020 12:52

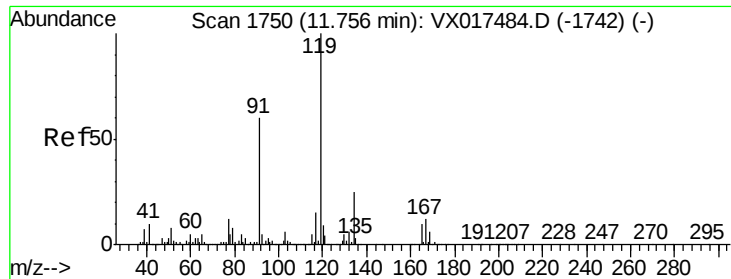
Tgt Ion: 91 Resp: 1396726

Ion Ratio Lower Upper

91 100

126 30.0 15.2 45.6





#83

tert-Butylbenzene

Concen: 50.408 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampled :

BFB

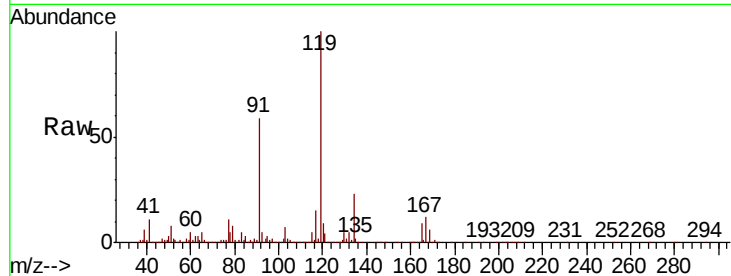
Tot Ion:119 Resp: 1480613

Ion Ratio Lower Upper

119 100

91 57.5 29.3 88.0

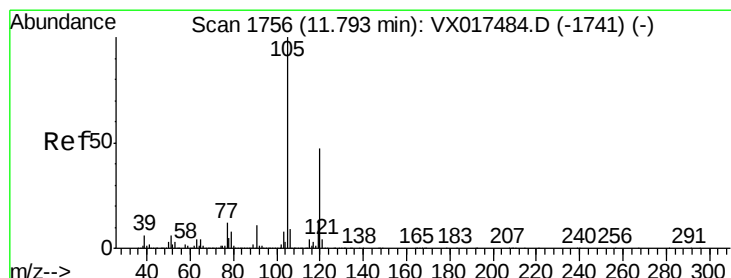
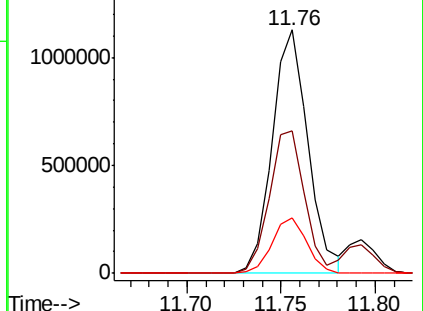
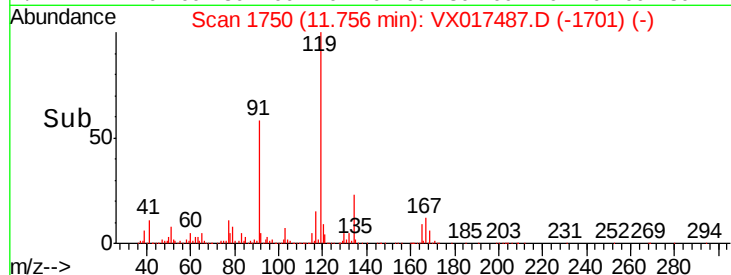
134 22.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.428 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017487.D

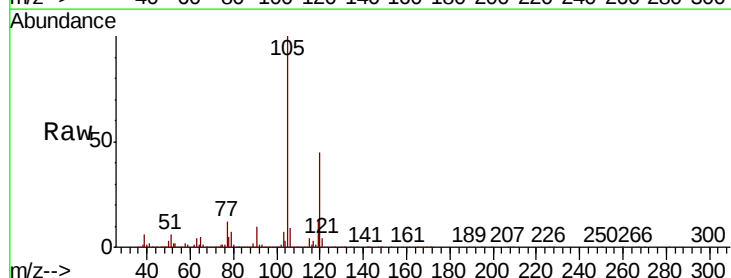
Acq: 23 Jul 2020 12:52

Tgt Ion:105 Resp: 1570171

Ion Ratio Lower Upper

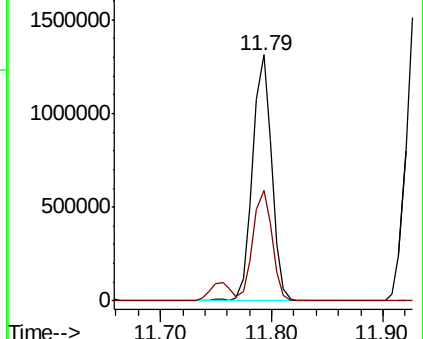
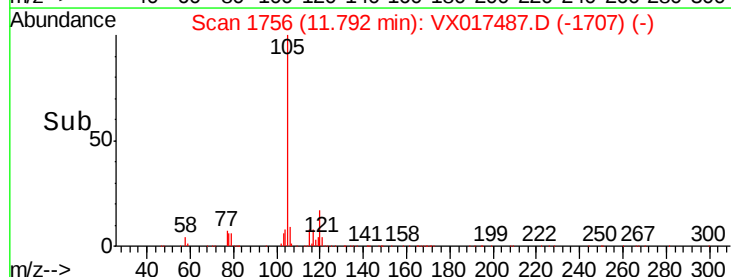
105 100

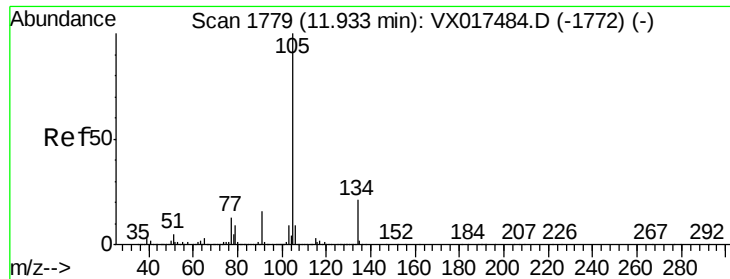
120 45.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

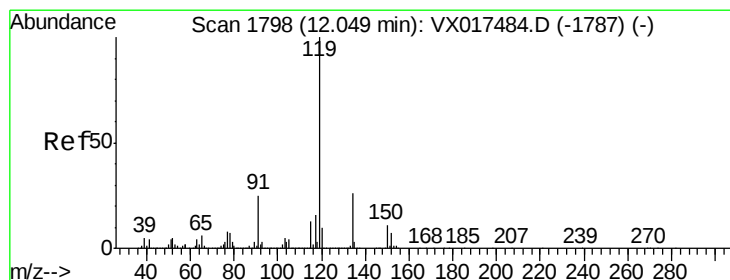
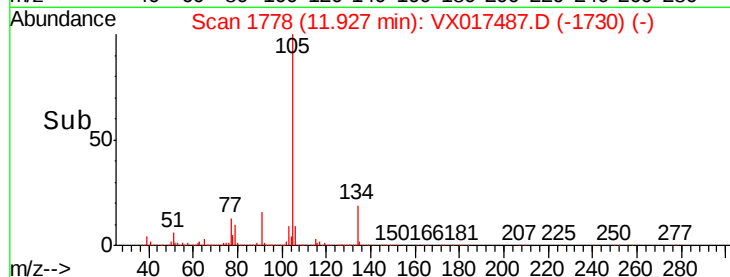
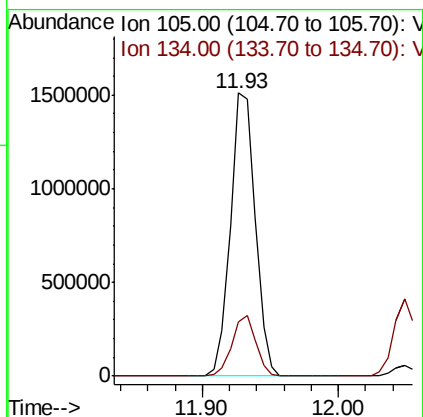
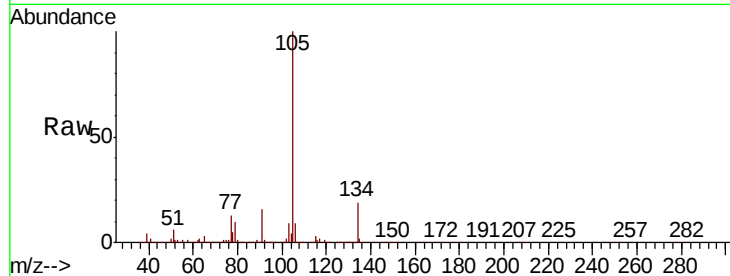




#85
 sec-Butylbenzene
 Concen: 56.091 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

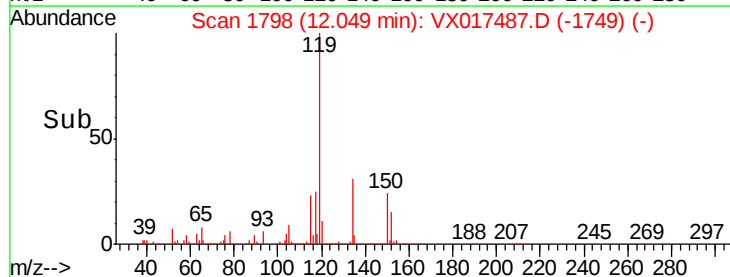
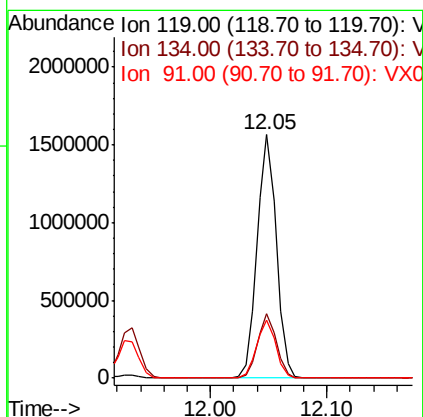
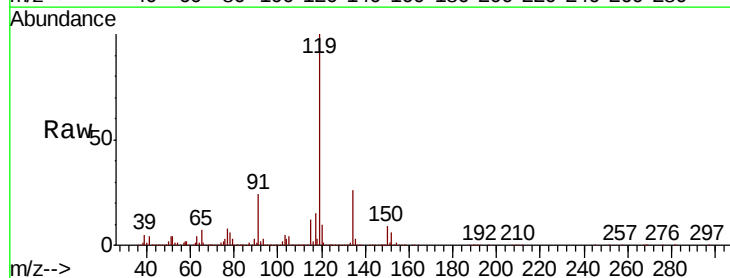
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

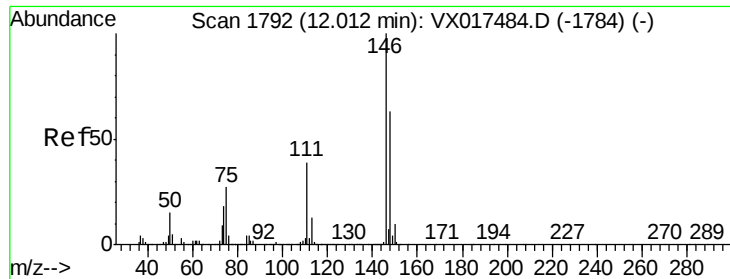
Tot Ion:105 Resp: 1919258
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 55.475 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion:119 Resp: 1807625
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.392 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

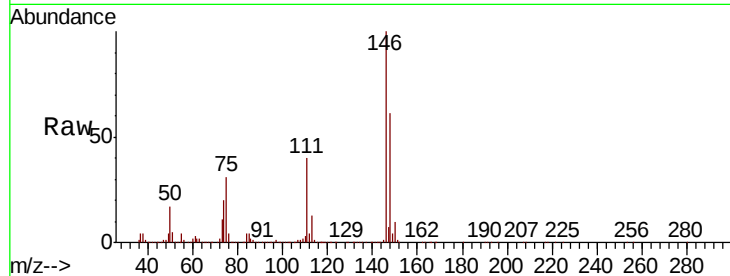
Tot Ion:146 Resp: 922830

Ion Ratio Lower Upper

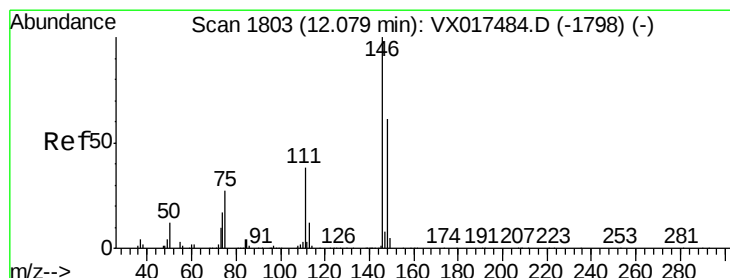
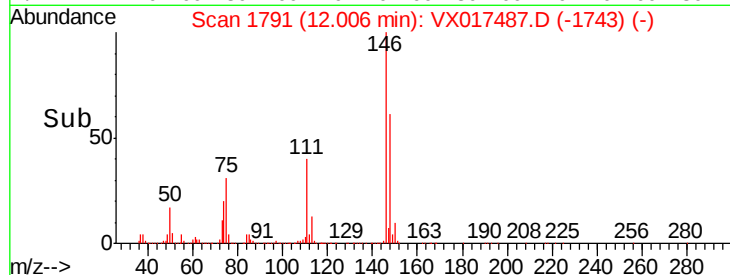
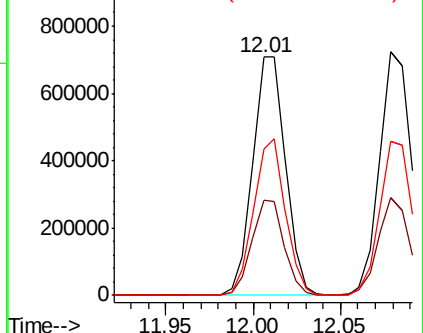
146 100

111 39.5 19.9 59.7

148 63.4 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 50.598 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

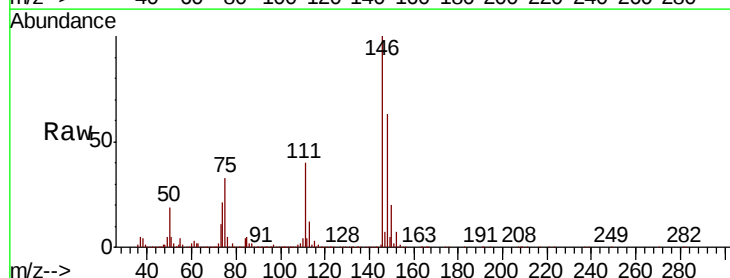
Tgt Ion:146 Resp: 905868

Ion Ratio Lower Upper

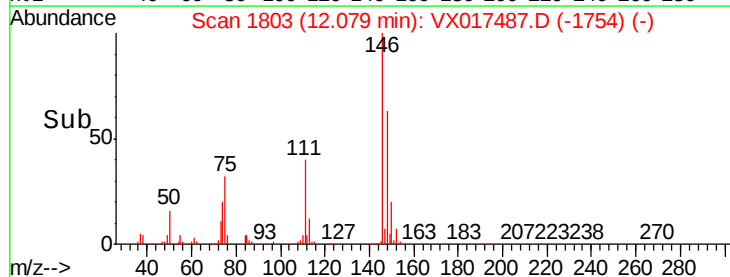
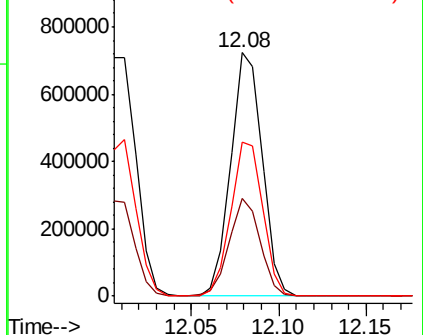
146 100

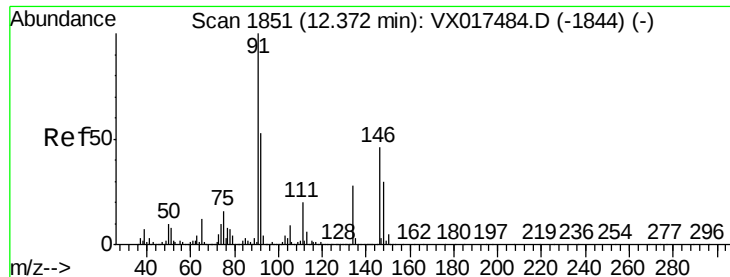
111 39.5 19.3 57.8

148 64.6 32.2 96.6



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

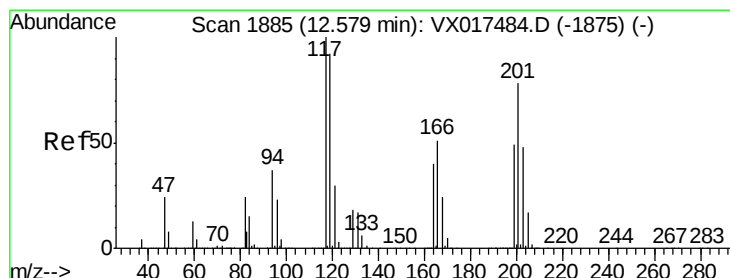
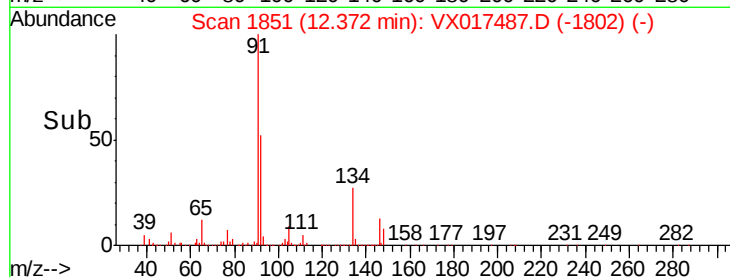
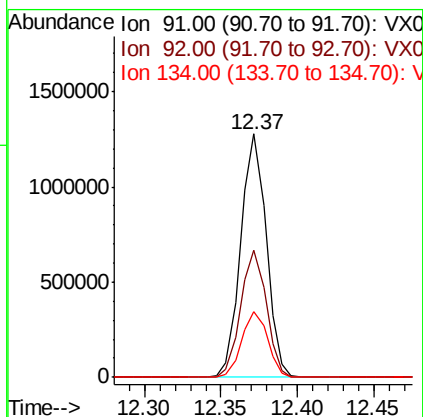
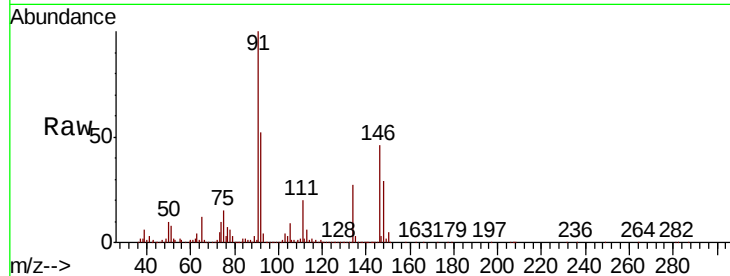




#89
n-Butylbenzene
Concen: 51.062 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

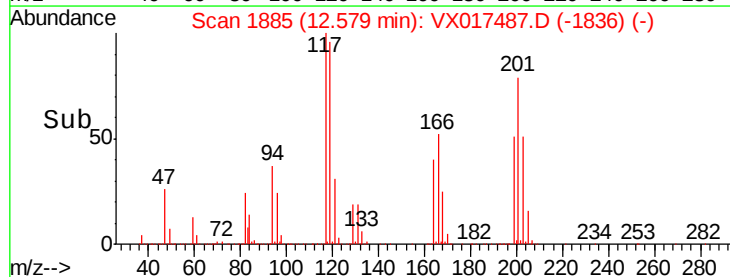
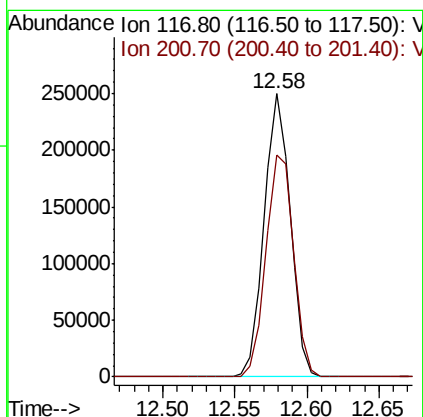
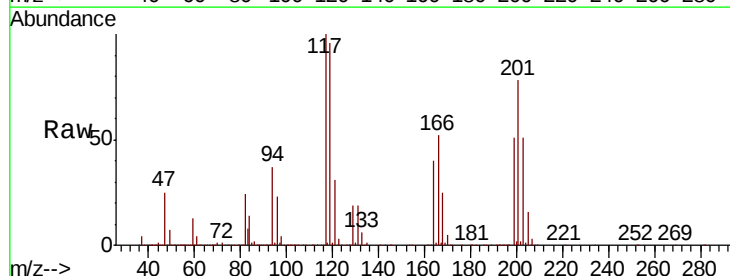
Instrument :
MSVOA_X
ClientSampleId :
BFB

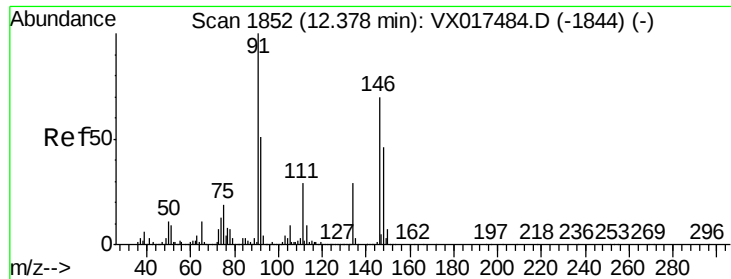
Tot Ion: 91 Resp: 1482595
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 48.705 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017487.D
Acq: 23 Jul 2020 12:52

Tgt Ion: 117 Resp: 312882
Ion Ratio Lower Upper
117 100
201 83.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.032 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

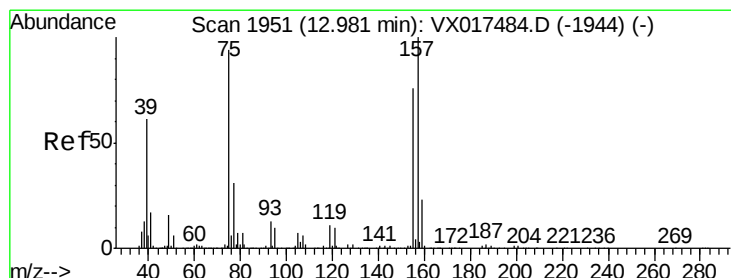
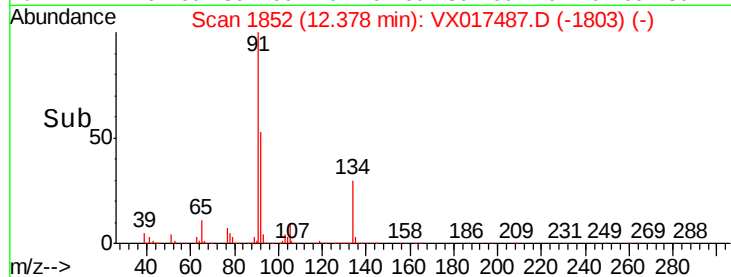
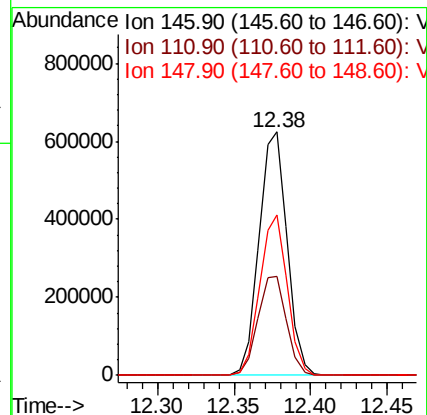
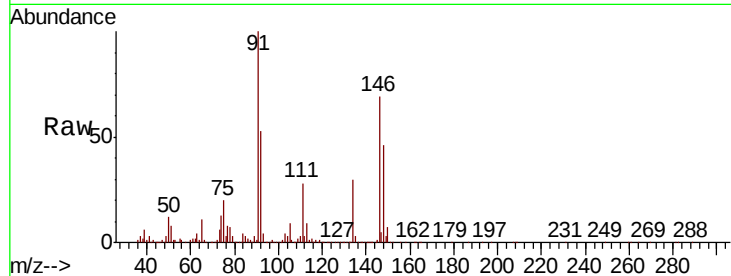
Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion:	146	Resp:	798955
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.8
148	64.6	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.687 ug/l

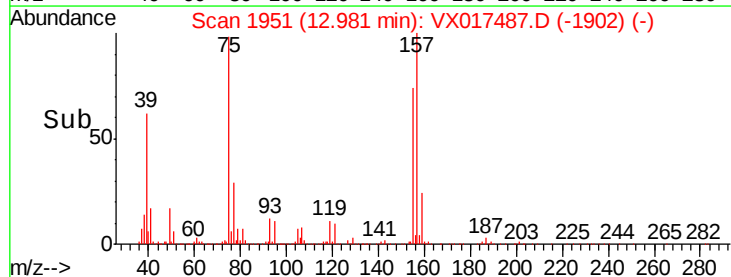
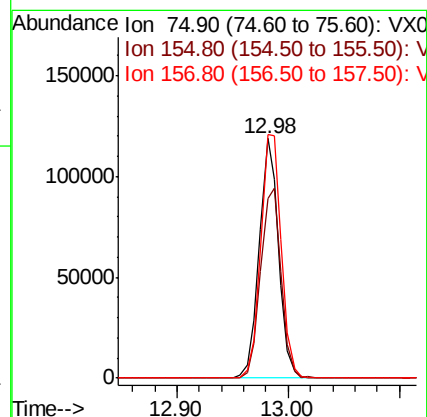
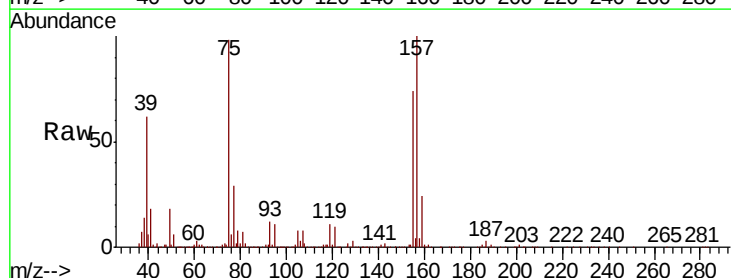
RT: 12.98 min Scan# 1951

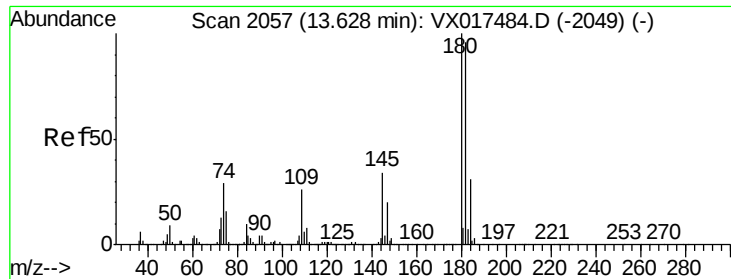
Delta R.T. 0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Tgt Ion:	75	Resp:	144248
Ion	Ratio	Lower	Upper
75	100		
155	84.0	42.3	126.8
157	107.9	54.3	162.9

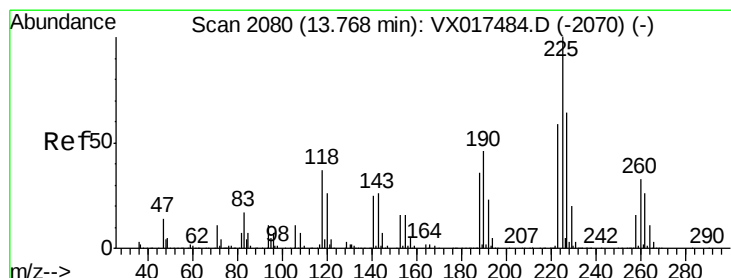
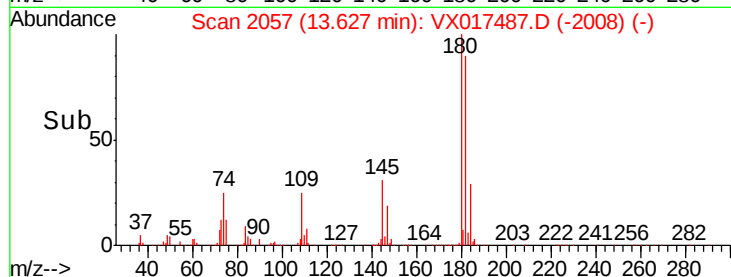
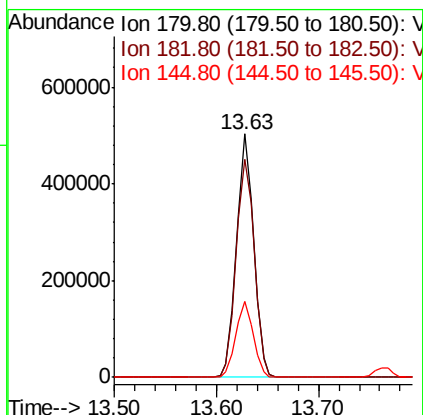
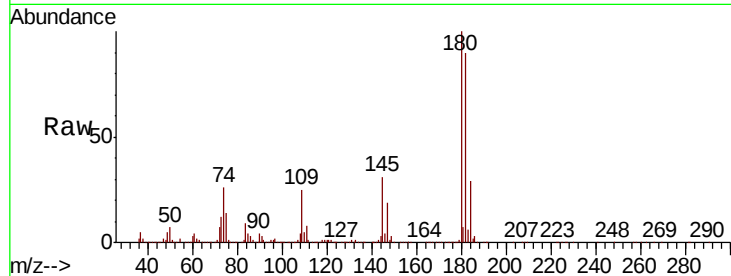




#93
 1,2,4-Trichlorobenzene
 Concen: 49.975 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

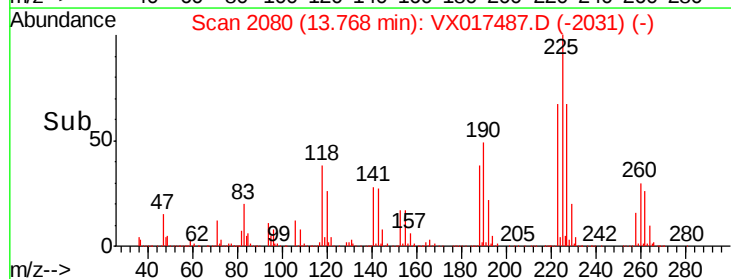
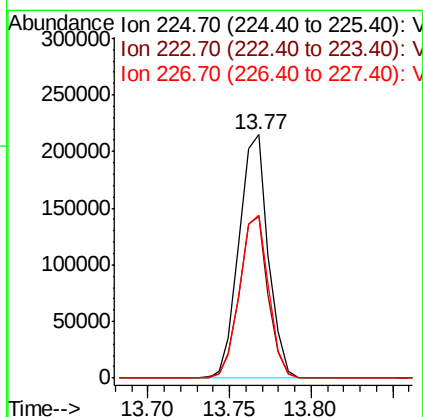
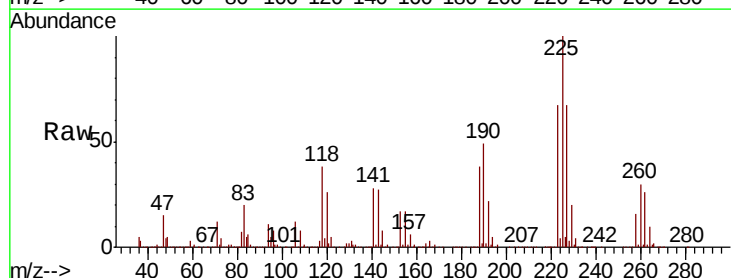
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

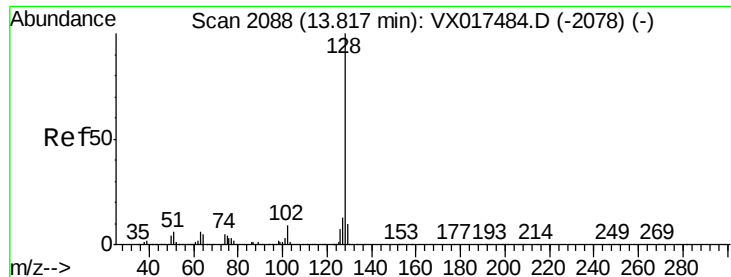
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	31.6	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 50.237 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017487.D
 Acq: 23 Jul 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.3	90.9
227	66.6	31.1	93.2





#95

Naphthalene

Concen: 53.453 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Instrument :

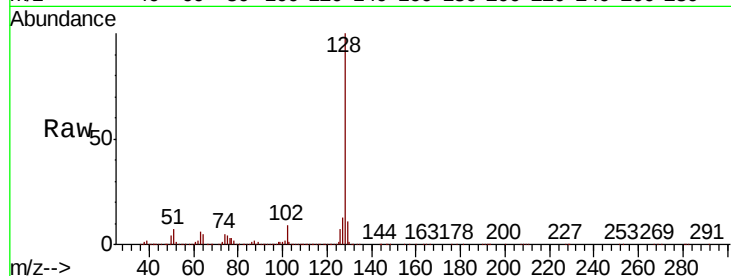
MSVOA_X

ClientSampleId :

BFB

Tot Ion:128 Resp: 1849992

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.9	13.3

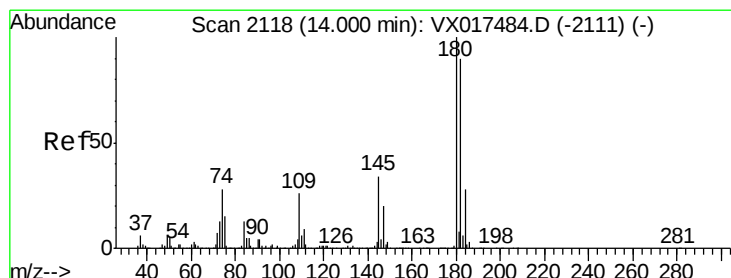
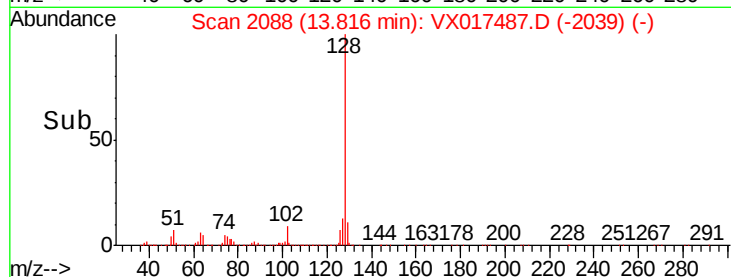
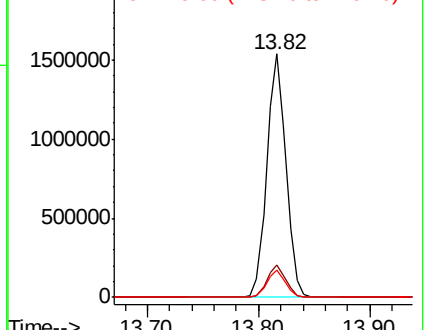


Abundance

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: 53.685 ug/l

RT: 14.00 min Scan# 2118

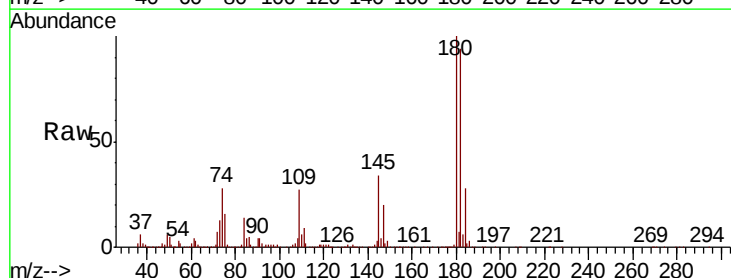
Delta R.T. -0.00 min

Lab File: VX017487.D

Acq: 23 Jul 2020 12:52

Tgt Ion:180 Resp: 614558

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.3
145	32.8	16.3	48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

