

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072420\
 Data File : VX017531.D
 Acq On : 24 Jul 2020 10:09
 Operator : JC/SP
 Sample : BFB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jul 25 04:53:01 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	4050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	4971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	3582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	3660	70.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.70%	
35) Dibromofluoromethane	5.46	113	1871	56.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.56%	
50) Toluene-d8	8.70	98	5380	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
62) 4-Bromofluorobenzene	11.12	95	216821	4517.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9034.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.16	85	183	3.932	ug/l	84
3) Chloromethane	1.32	50	901	18.233	ug/l #	54
4) Vinyl Chloride	1.39	62	468	9.183	ug/l #	43
5) Bromomethane	1.62	94	1601	58.994	ug/l #	63
6) Chloroethane	1.71	64	241	7.933	ug/l #	81
7) Trichlorofluoromethane	1.92	101	713	8.895	ug/l	96
8) Diethyl Ether	2.17	74	260	8.884	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	2.37	101	510	11.594	ug/l #	34
10) Methyl Iodide	2.50	142	1358	24.130	ug/l #	79
11) Tert butyl alcohol	2.99	59	96	8.756	ug/l #	72
12) 1,1-Dichloroethene	2.35	96	677	16.184	ug/l #	18
13) Acrolein	2.27	56	585	72.871	ug/l #	14
14) Allyl chloride	2.68	41	695	9.099	ug/l #	51
15) Acrylonitrile	3.11	53	1069	45.140	ug/l #	29
16) Acetone	2.42	43	474	20.701	ug/l #	22
17) Carbon Disulfide	2.55	76	3011	23.681	ug/l #	80
18) Methyl Acetate	2.76	43	324	6.008	ug/l #	55
19) Methyl tert-butyl Ether	3.15	73	536	3.702	ug/l #	1
20) Methylene Chloride	2.83	84	1926	44.520	ug/l #	65
21) trans-1,2-Dichloroethene	3.12	96	333	7.431	ug/l #	4
22) Diisopropyl ether	3.81	45	404	2.893	ug/l #	1
23) Vinyl Acetate	3.78	43	716	5.750	ug/l #	90
24) 1,1-Dichloroethane	3.65	63	1019	12.665	ug/l #	83
25) 2-Butanone	4.65	43	701	21.550	ug/l #	84
26) 2,2-Dichloropropane	4.51	77	307	4.263	ug/l	86
27) cis-1,2-Dichloroethene	4.57	96	647	13.292	ug/l	77
28) Bromochloromethane	4.99	49	176	4.827	ug/l #	1
29) Tetrahydrofuran	5.09	42	1372	68.093	ug/l #	68
30) Chloroform	5.25	83	127	1.545	ug/l	94
31) Cyclohexane	5.53	56	396	6.172	ug/l #	16
32) 1,1,1-Trichloroethane	5.46	97	317	4.089	ug/l #	24
36) 1,1-Dichloropropene	5.78	75	705	14.787	ug/l #	74
37) Ethyl Acetate	4.75	43	133	2.550	ug/l #	69
38) Carbon Tetrachloride	5.76	117	147	2.539	ug/l #	74

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	196	3.522	ug/l #	85
40) Benzene	6.09	78	827	6.050	ug/l #	56
41) Methacrylonitrile	5.01	41	172	5.752	ug/l #	17
42) 1,2-Dichloroethane	6.18	62	1066	19.063	ug/l	91
43) Isopropyl Acetate	6.40	43	263	3.056	ug/l #	1
44) Trichloroethene	7.18	130	239	5.983	ug/l	22
45) 1,2-Dichloropropane	7.48	63	102	2.692	ug/l #	87
46) Dibromomethane	7.65	93	171	6.386	ug/l #	1
47) Bromodichloromethane	7.87	83	447	8.296	ug/l #	90
48) Methyl methacrylate	7.76	41	874	20.486	ug/l #	43
49) 1,4-Dioxane	7.73	88	226	276.294	ug/l #	1
51) 4-Methyl-2-Pentanone	8.36	43	427	8.315	ug/l	99
52) Toluene	8.77	92	492	5.613	ug/l	79
53) t-1,3-Dichloropropene	9.02	75	240	3.979	ug/l #	1
54) cis-1,3-Dichloropropene	8.42	75	377	6.128	ug/l #	32
55) 1,1,2-Trichloroethane	9.20	97	149	4.080	ug/l #	56
56) Ethyl methacrylate	9.17	69	287	5.217	ug/l #	54
57) 1,3-Dichloropropane	9.12	76	191	3.176	ug/l	88
58) 2-Chloroethyl Vinyl ether	8.29	63	1952	67.346	ug/l #	89
59) 2-Hexanone	9.48	43	532	13.760	ug/l	86
60) Dibromochloromethane	9.57	129	407	8.769	ug/l	66
61) 1,2-Dibromoethane	9.84	107	99	2.546	ug/l	91
64) Tetrachloroethene	9.32	164	160	4.977	ug/l #	59
65) Chlorobenzene	10.12	112	802	10.344	ug/l #	76
66) 1,1,1,2-Tetrachloroethane	10.35	131	179	5.720	ug/l	87
67) Ethyl Benzene	10.23	91	1114	8.607	ug/l	94
68) m/p-Xylenes	10.35	106	859	17.133	ug/l	81
69) o-Xylene	10.69	106	522	10.825	ug/l	87
70) Styrene	10.69	104	538	6.557	ug/l #	14
71) Bromoform	10.85	173	112	4.131	ug/l #	29
73) Isopropylbenzene	11.12	105	531	4.246	ug/l	92
74) N-amyl acetate	10.89	43	214	3.851	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	353	9.043	ug/l #	92
76) 1,2,3-Trichloropropane	11.12	75	109601	2922.700	ug/l #	35
77) Bromobenzene	11.24	156	200	5.712	ug/l	67
78) n-propylbenzene	11.35	91	544	3.857	ug/l	91
79) 2-Chlorotoluene	11.49	91	962	11.010	ug/l	82
80) 1,3,5-Trimethylbenzene	11.49	105	1149	10.761	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	109601	7364.549	ug/l #	12
82) 4-Chlorotoluene	11.49	91	962	9.334	ug/l	89
83) tert-Butylbenzene	11.76	119	178	1.742	ug/l #	21
84) 1,2,4-Trimethylbenzene	11.79	105	1336	12.580	ug/l	95
85) sec-Butylbenzene	11.86	105	71	0.597	ug/l	84
86) p-Isopropyltoluene	12.05	119	578	5.099	ug/l #	63
87) 1,3-Dichlorobenzene	12.01	146	1182	19.660	ug/l	71
88) 1,4-Dichlorobenzene	12.01	146	1182	18.980	ug/l	71
89) n-Butylbenzene	12.15	91	177	1.753	ug/l	89
90) Hexachloroethane	12.59	117	38	1.701	ug/l	65
91) 1,2-Dichlorobenzene	12.38	146	1034	17.499	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	493	44.934	ug/l #	22

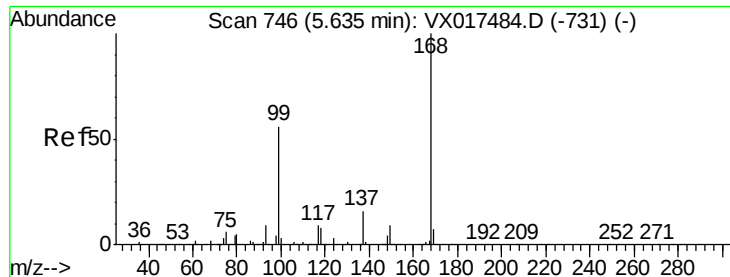
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1606	39.823	ug/l	95
94) Hexachlorobutadiene	13.84	225	20	1.077	ug/l #	17
95) Naphthalene	13.82	128	3830	31.814	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.00	180	1964	49.322	ug/l	84

(#) = 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: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

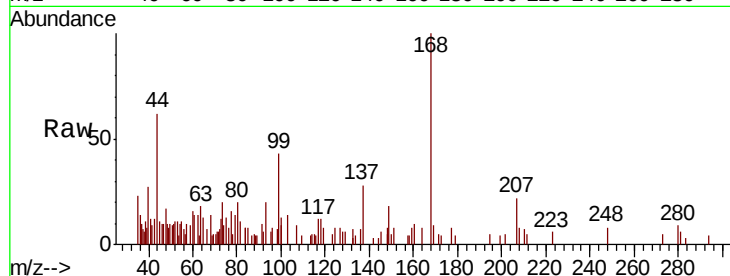
BFB

Tot Ion:168 Resp: 4050

Ion Ratio Lower Upper

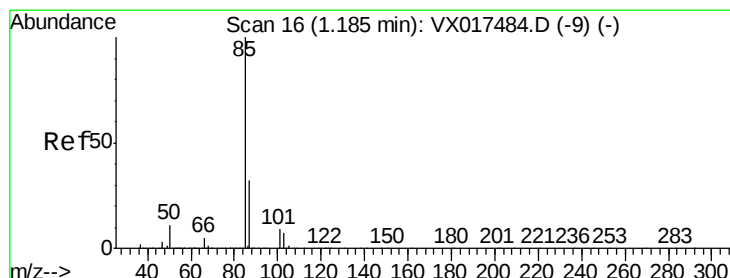
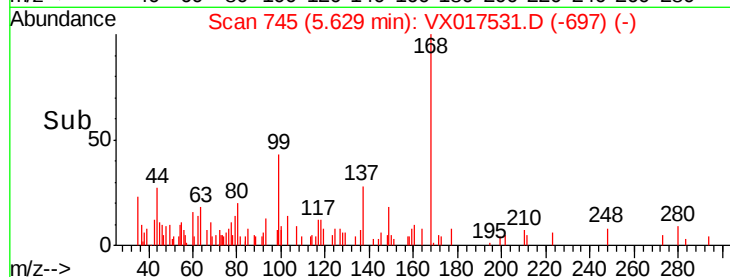
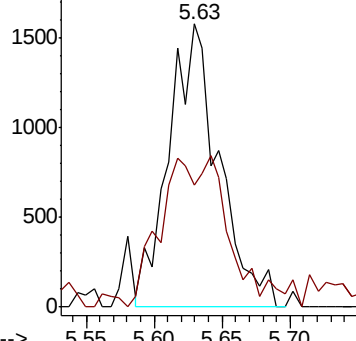
168 100

99 39.3 43.4 65.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.932 ug/l

RT: 1.16 min Scan# 12

Delta R.T. -0.02 min

Lab File: VX017531.D

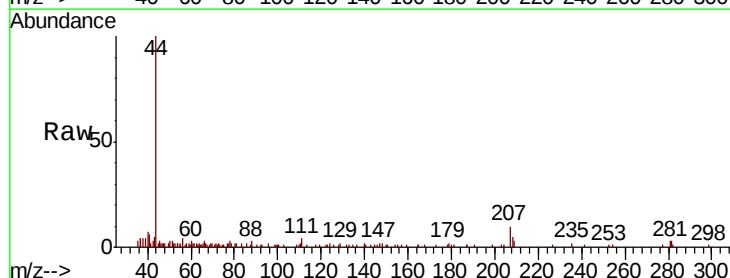
Acq: 24 Jul 2020 10:09

Tgt Ion: 85 Resp: 183

Ion Ratio Lower Upper

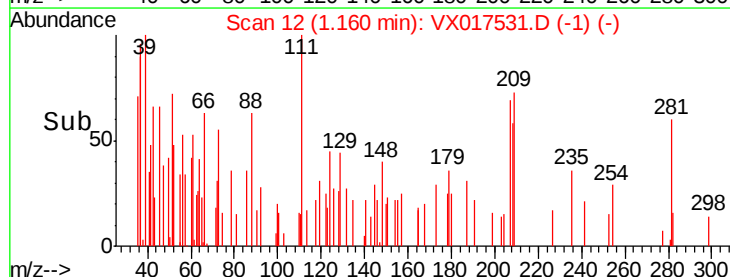
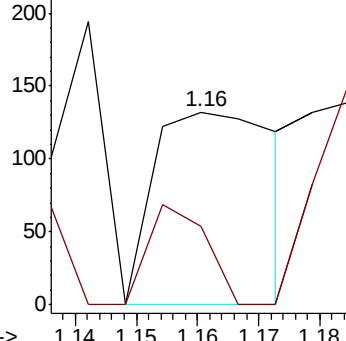
85 100

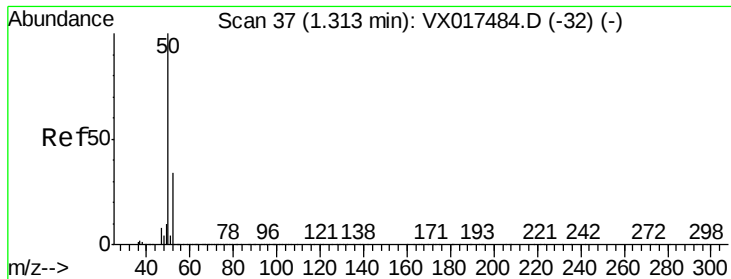
87 40.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.233 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

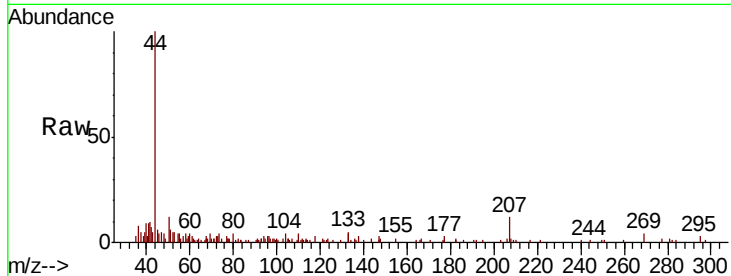
BFB

Tot Ion: 50 Resp: 901

Ion Ratio Lower Upper

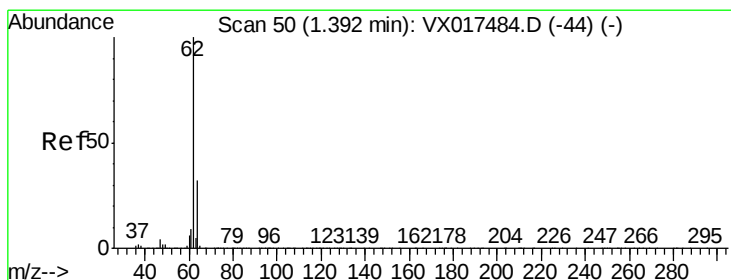
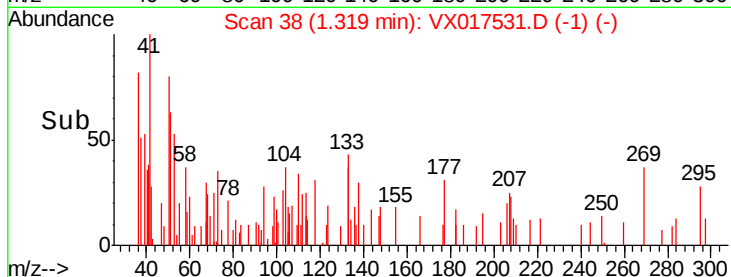
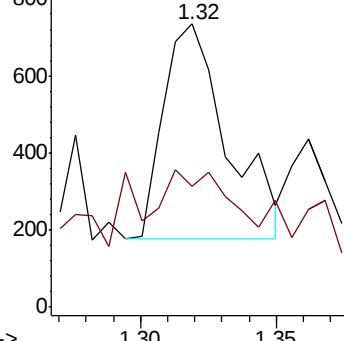
50 100

52 6.5 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: 9.183 ug/l

RT: 1.39 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX017531.D

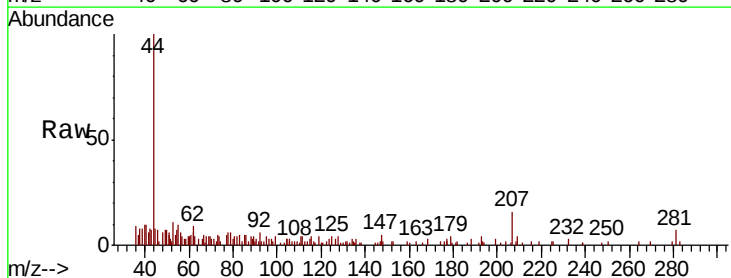
Acq: 24 Jul 2020 10:09

Tgt Ion: 62 Resp: 468

Ion Ratio Lower Upper

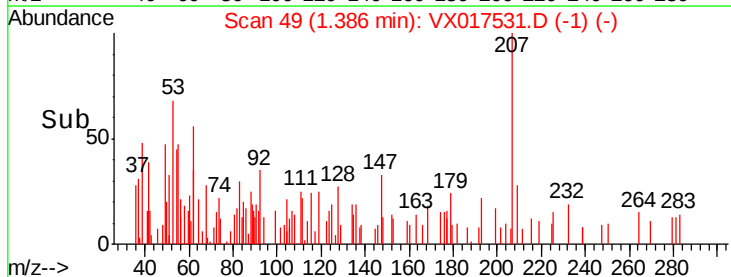
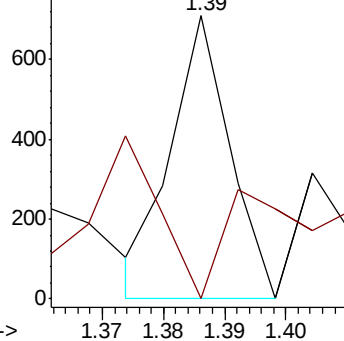
62 100

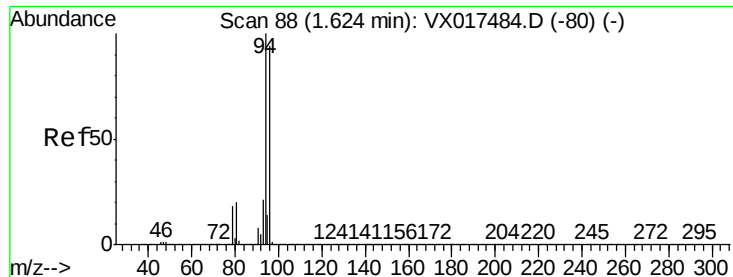
64 0.0 25.2 37.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.994 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

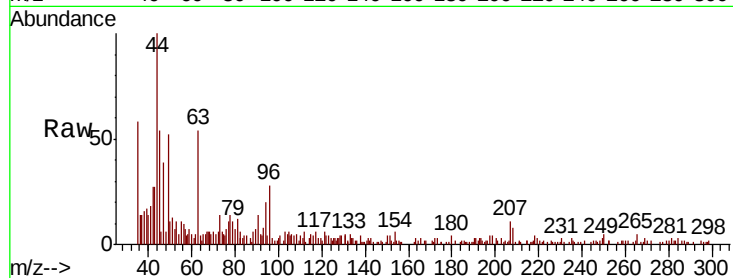
BFB

Tot Ion: 94 Resp: 1601

Ion Ratio Lower Upper

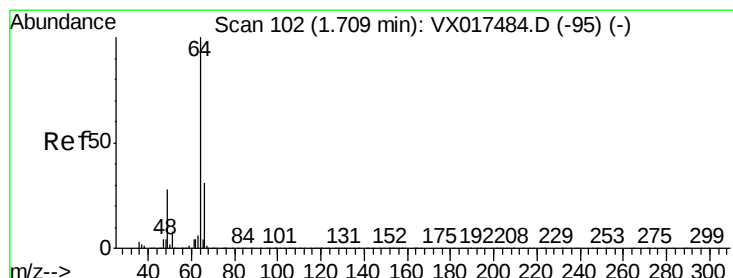
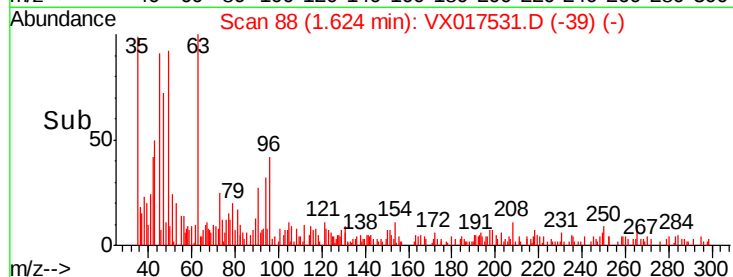
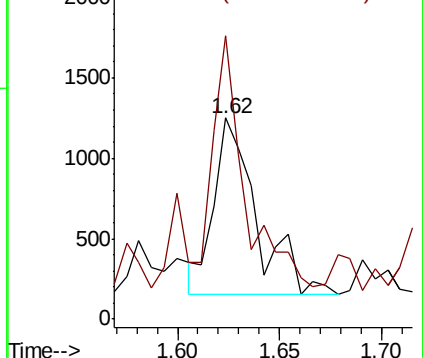
94 100

96 128.2 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 7.933 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017531.D

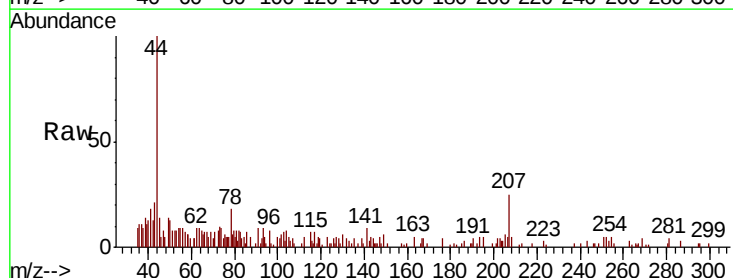
Acq: 24 Jul 2020 10:09

Tgt Ion: 64 Resp: 241

Ion Ratio Lower Upper

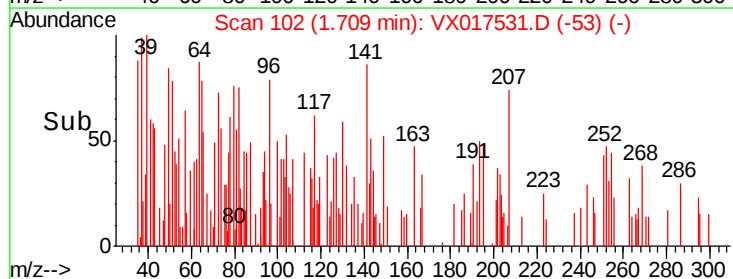
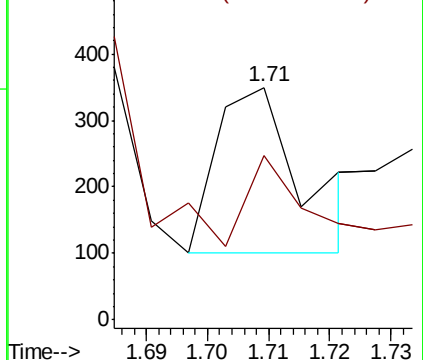
64 100

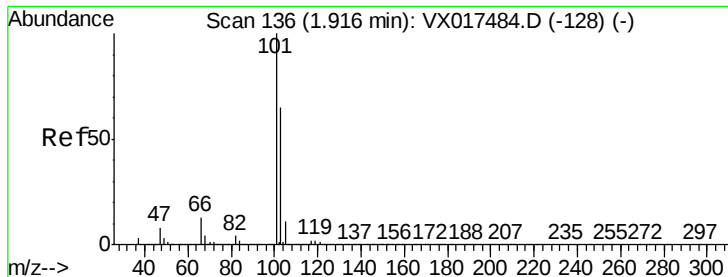
66 41.4 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



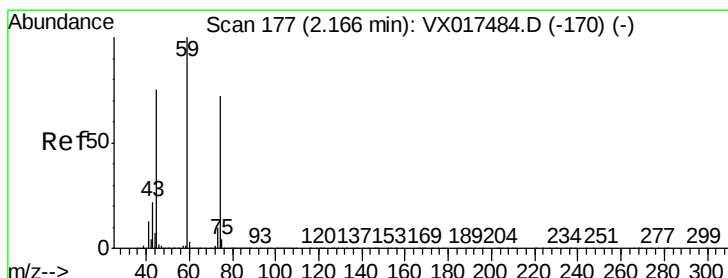
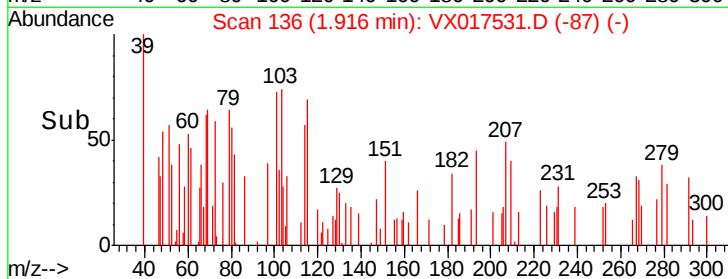
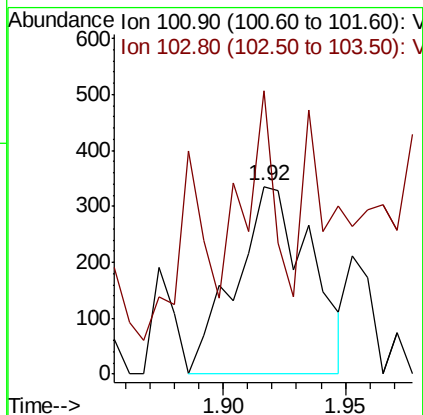
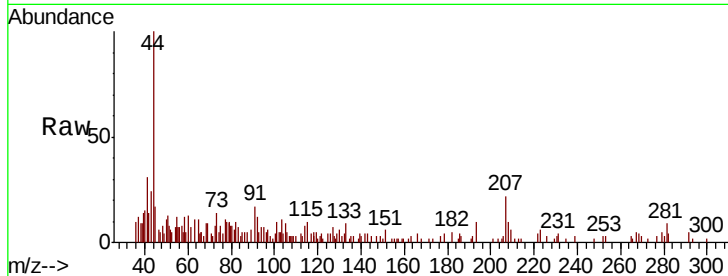


#7

Trichlorofluoromethane
Concen: 8.895 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
BFB

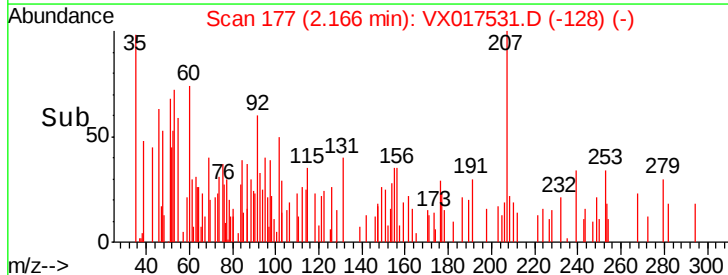
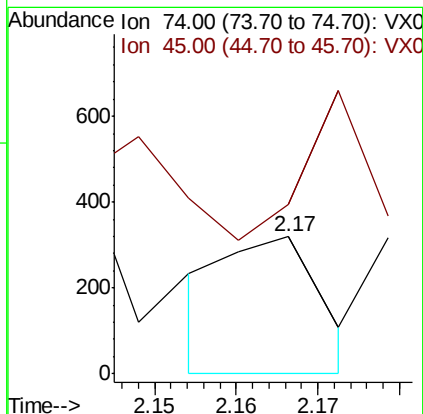
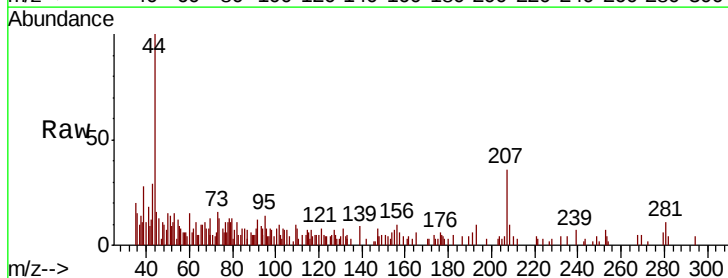
Tot Ion:101 Resp: 713
Ion Ratio Lower Upper
101 100
103 61.5 51.8 77.8

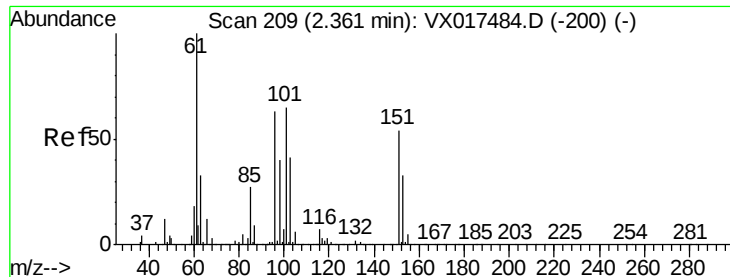


#8

Diethyl Ether
Concen: 8.884 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 74 Resp: 260
Ion Ratio Lower Upper
74 100
45 70.4 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.594 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

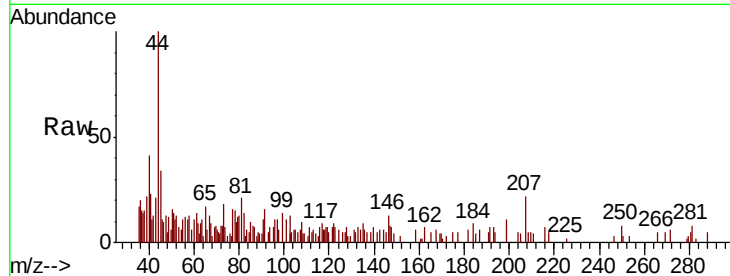
Tot Ion:101 Resp: 510

Ion Ratio Lower Upper

101 100

85 51.6 34.8 52.2

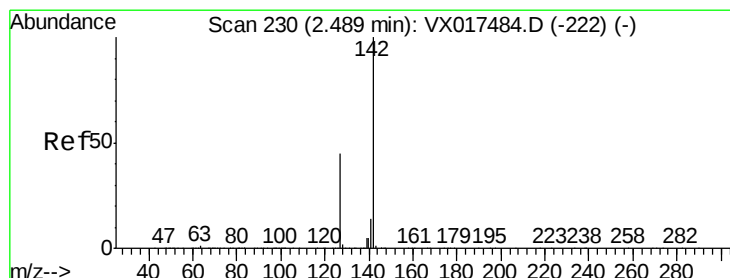
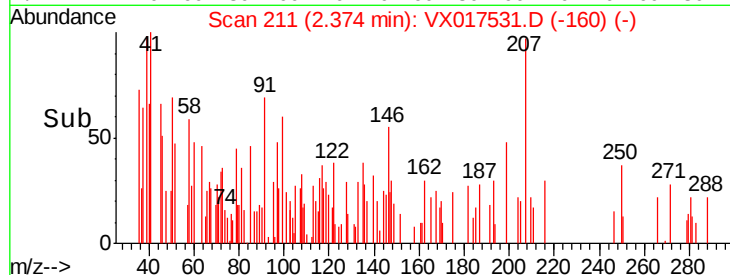
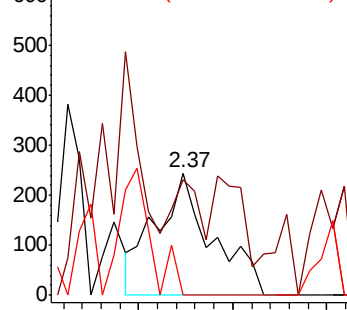
151 0.0 68.0 102.0#



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: 24.130 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

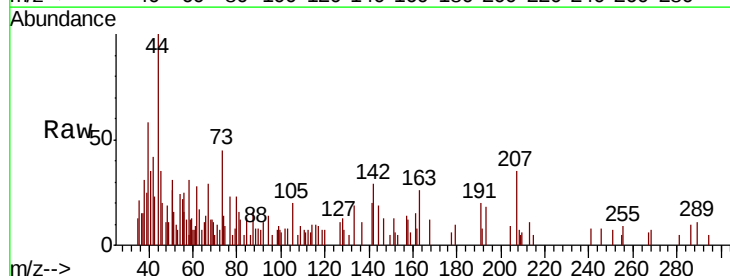
Tgt Ion:142 Resp: 1358

Ion Ratio Lower Upper

142 100

127 27.9 35.9 53.9#

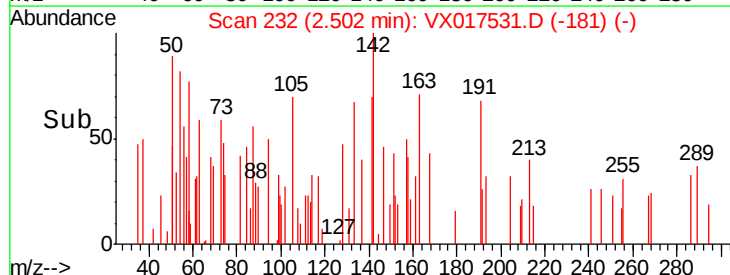
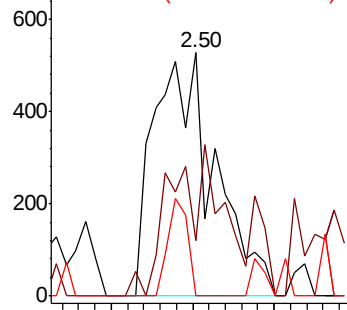
141 12.9 11.4 17.0

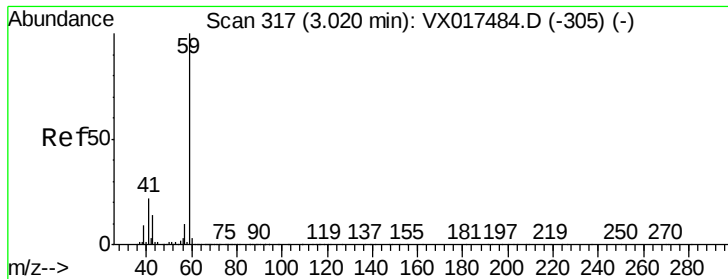


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



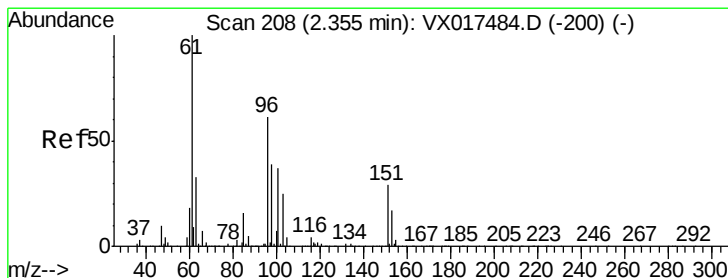
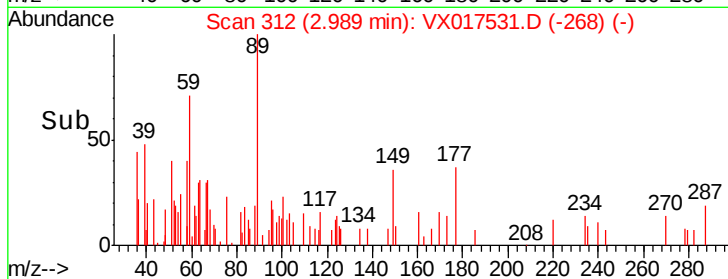
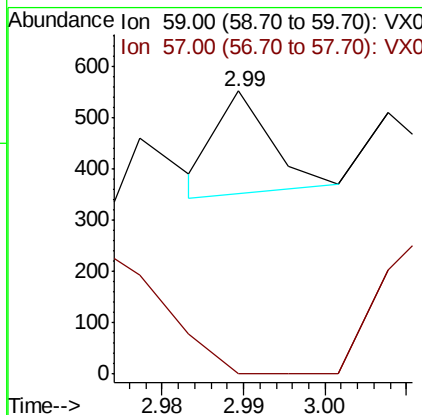
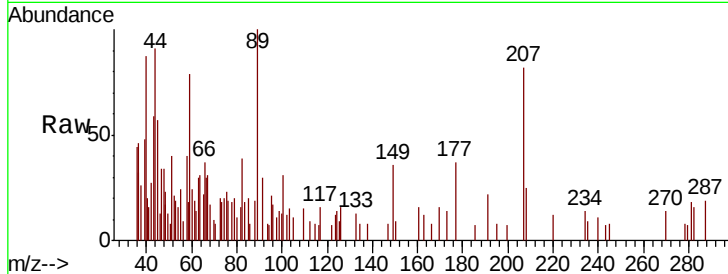


#11

Tert butyl alcohol
Concen: 8.756 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.03 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
BFB

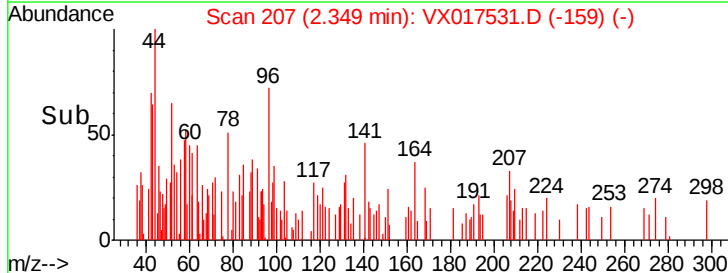
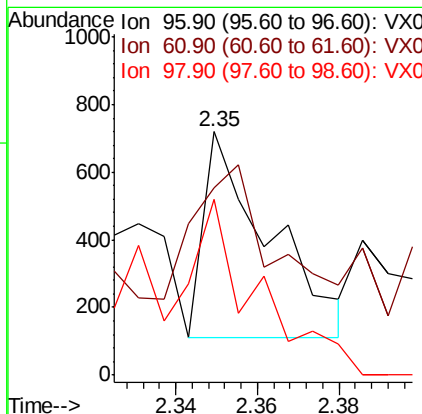
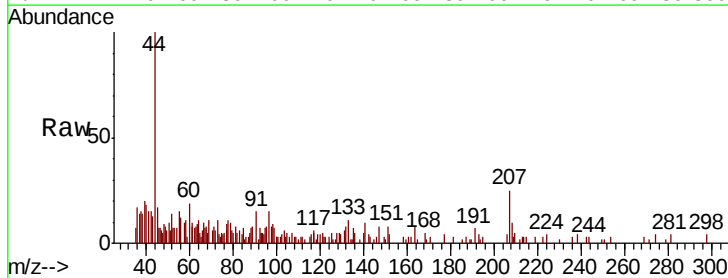
Tot Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

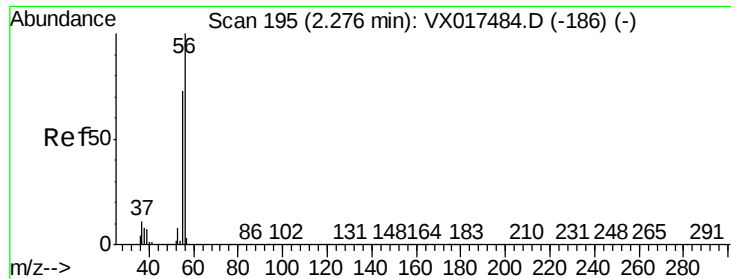


#12

1,1-Dichloroethene
Concen: 16.184 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 96 Resp: 677
Ion Ratio Lower Upper
96 100
61 18.9 134.0 201.0#
98 70.7 51.0 76.4





#13

Acrolein

Concen: 72.871 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

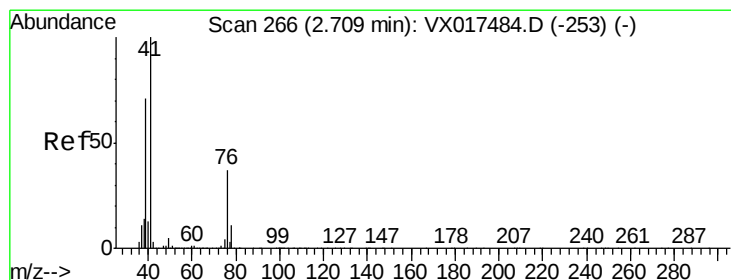
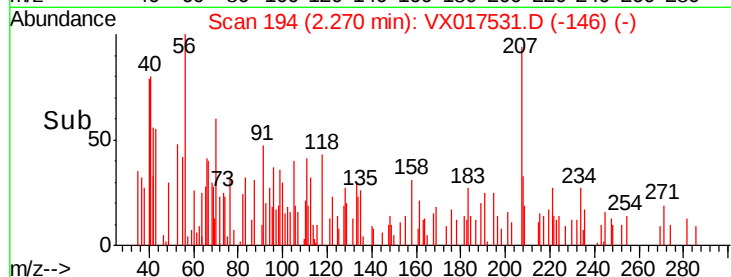
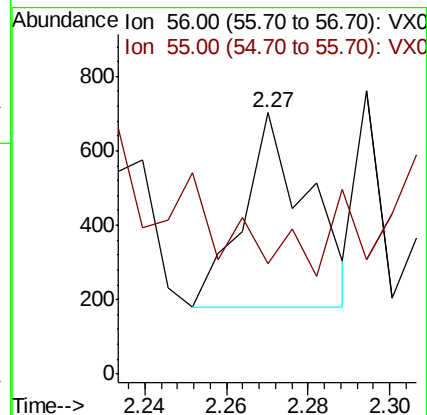
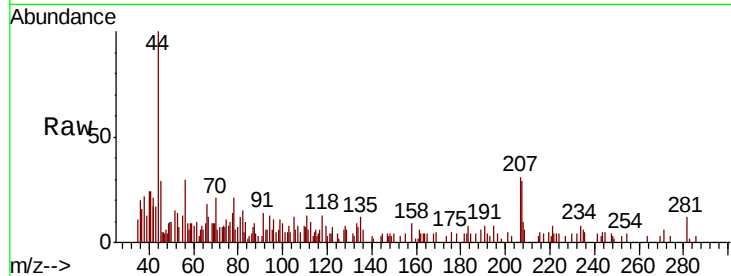
BFB

Tot Ion: 56 Resp: 585

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#14

Allyl chloride

Concen: 9.099 ug/l

RT: 2.68 min Scan# 262

Delta R.T. -0.02 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

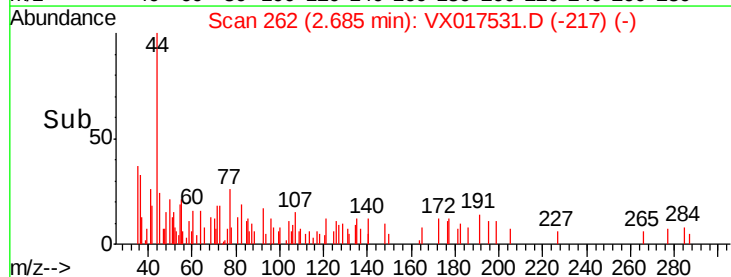
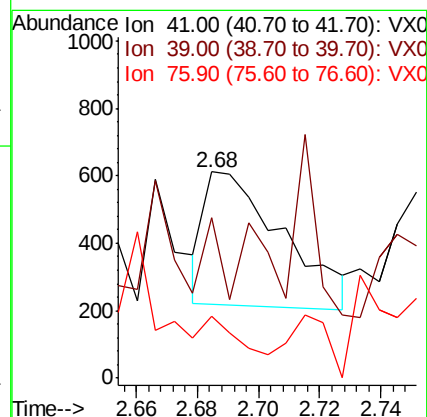
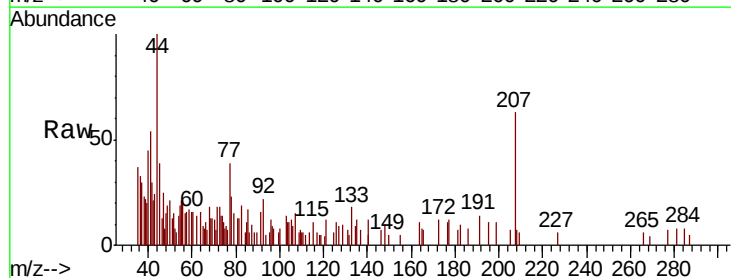
Tgt Ion: 41 Resp: 695

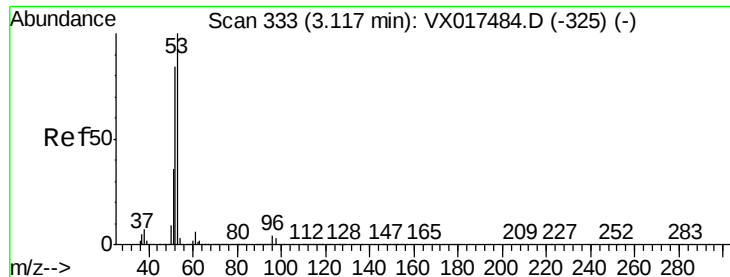
Ion Ratio Lower Upper

41 100

39 29.9 51.9 77.9#

76 0.0 25.5 38.3#





#15

Acrylonitrile

Concen: 45.140 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

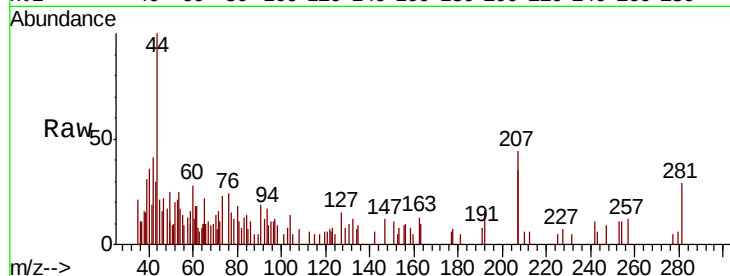
Tot Ion: 53 Resp: 1069

Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

51 50.2 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

600

500

400

300

200

100

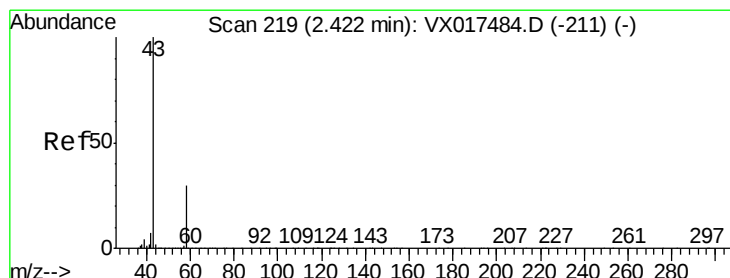
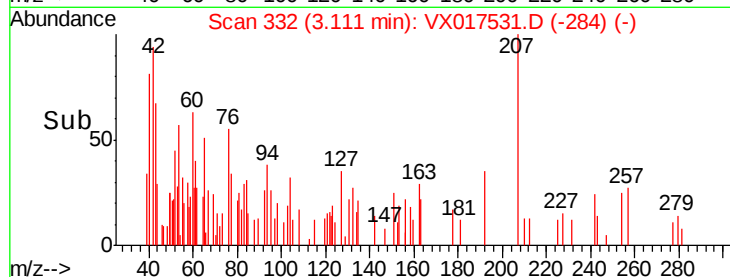
0

3.10

3.11

3.15

Time-->



#16

Acetone

Concen: 20.701 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017531.D

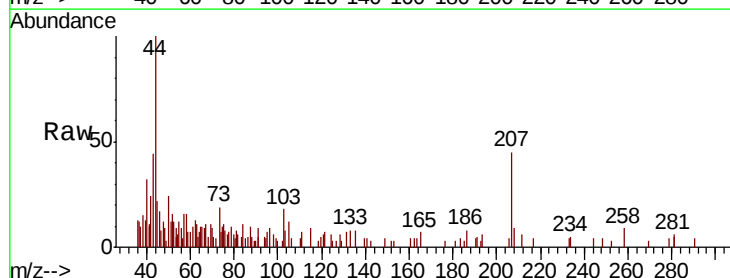
Acq: 24 Jul 2020 10:09

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 72.8 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

600

400

200

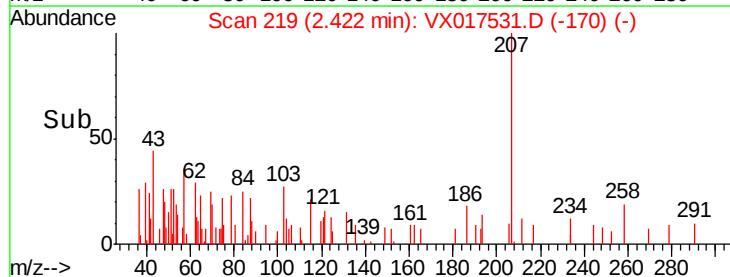
0

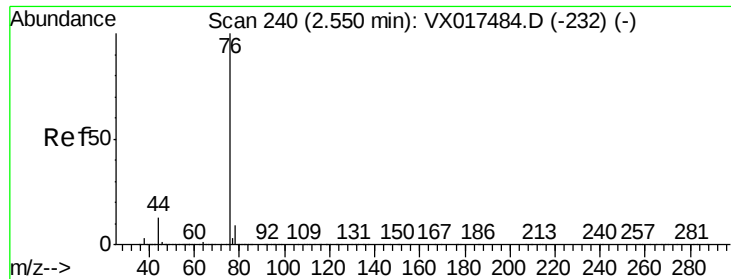
2.40

2.42

2.44

Time-->





#17

Carbon Disulfide

Concen: 23.681 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

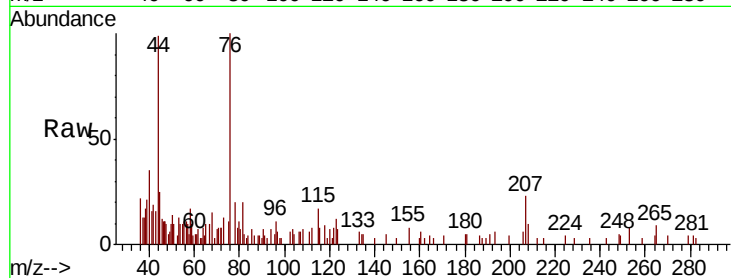
BFB

Tot Ion: 76 Resp: 3011

Ion Ratio Lower Upper

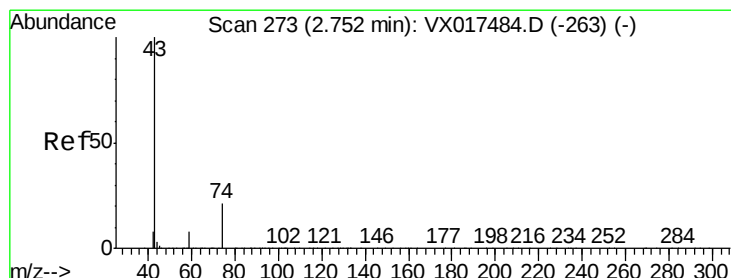
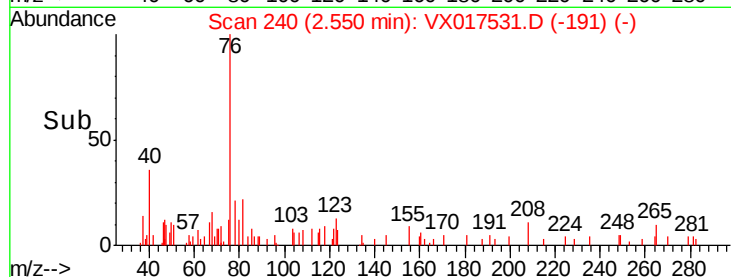
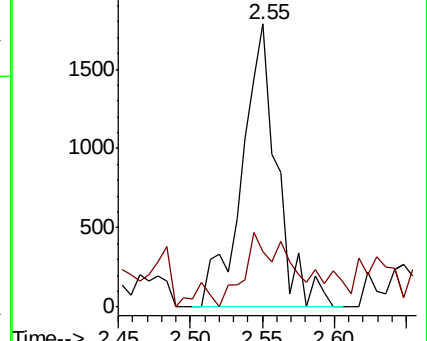
76 100

78 16.6 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: 6.008 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX017531.D

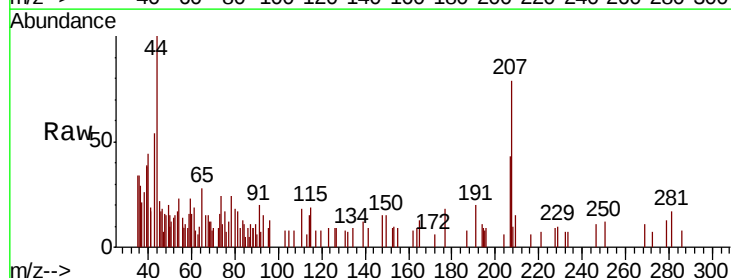
Acq: 24 Jul 2020 10:09

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

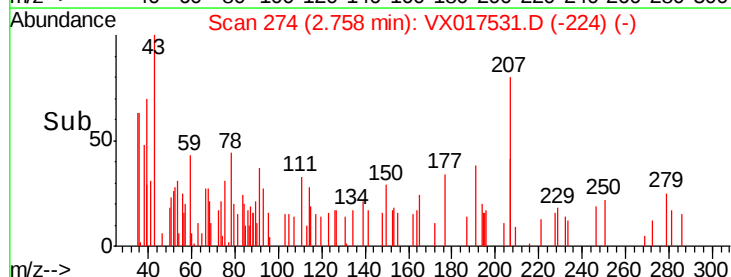
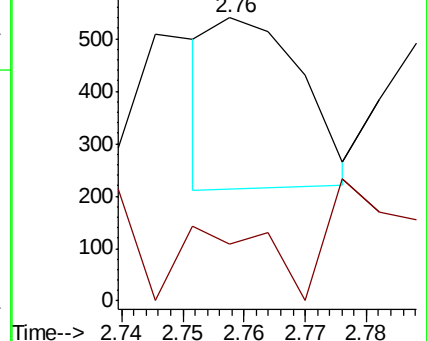
43 100

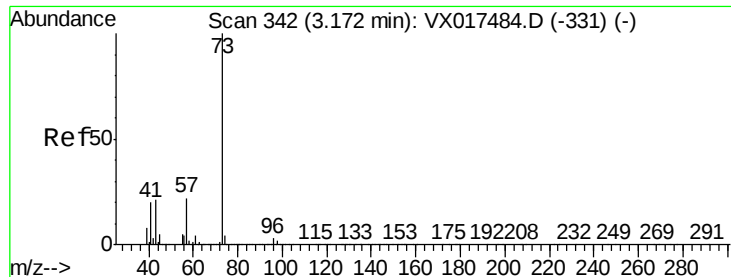
74 43.2 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



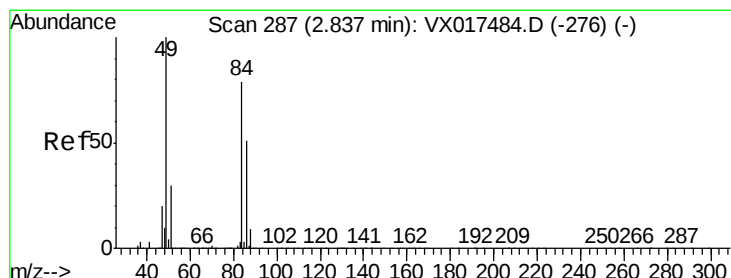
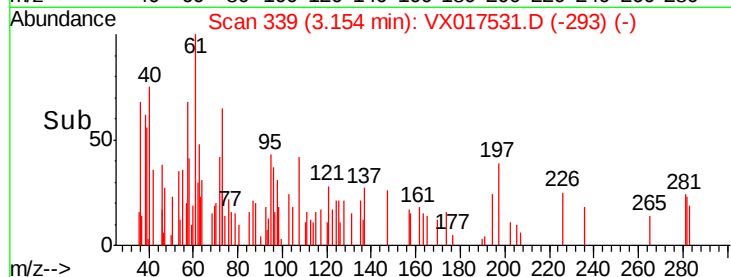
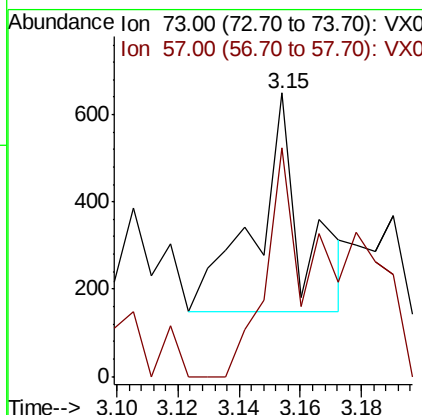
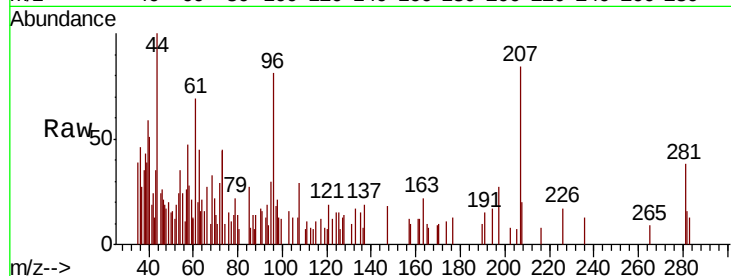


#19

Methyl tert-butyl Ether
 Concen: 3.702 ug/l
 RT: 3.15 min Scan# 339
 Delta R.T. -0.02 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Instrument :
 MSVOA_X
 ClientSampleID :
 BFB

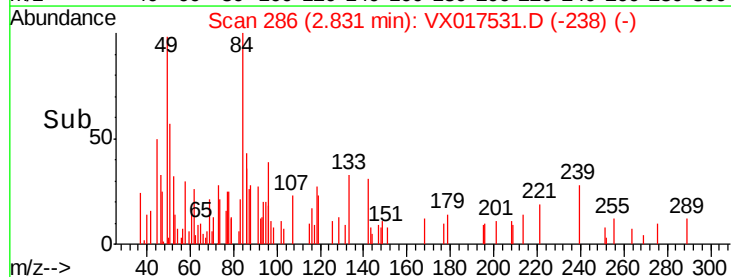
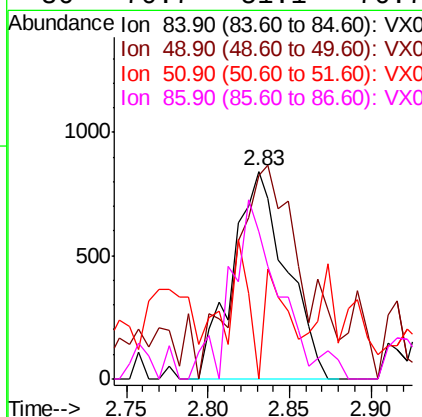
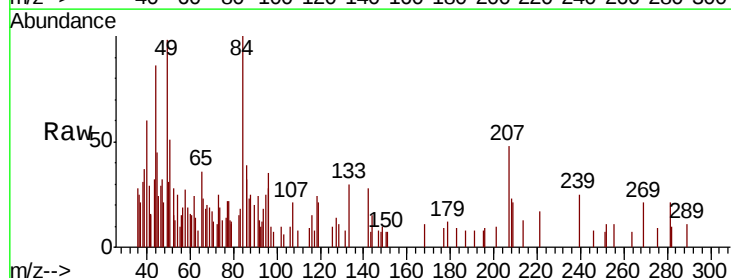
Tot Ion: 73 Resp: 536
 Ion Ratio Lower Upper
 73 100
 57 105.0 17.0 25.4#

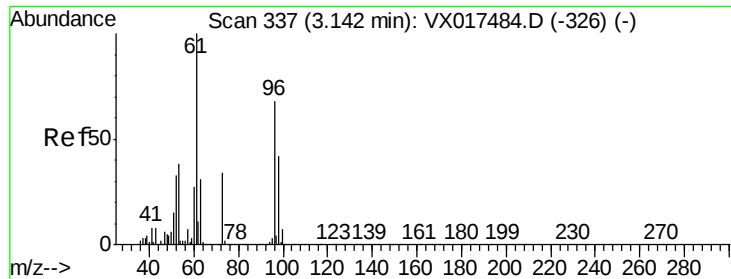


#20

Methylene Chloride
 Concen: 44.520 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion: 84 Resp: 1926
 Ion Ratio Lower Upper
 84 100
 49 79.2 100.3 150.5#
 51 0.0 30.5 45.7#
 86 70.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 7.431 ug/l

RT: 3.12 min Scan# 334

Delta R.T. -0.02 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

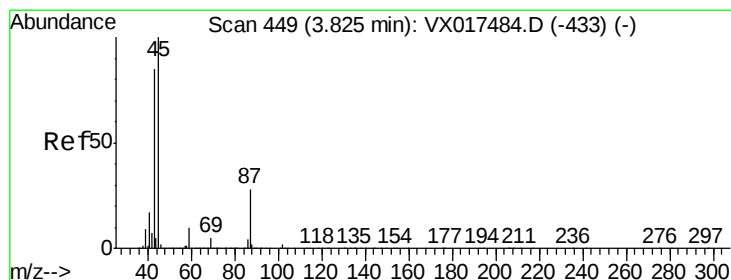
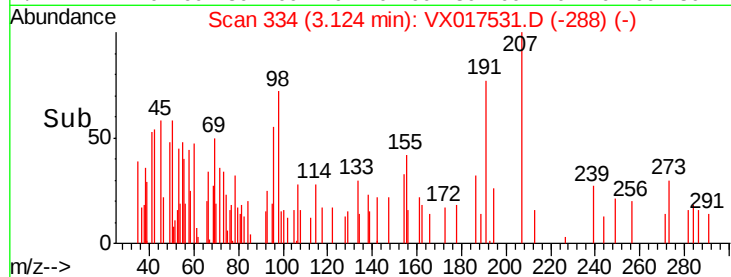
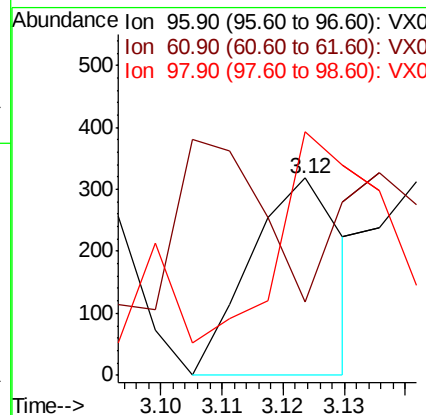
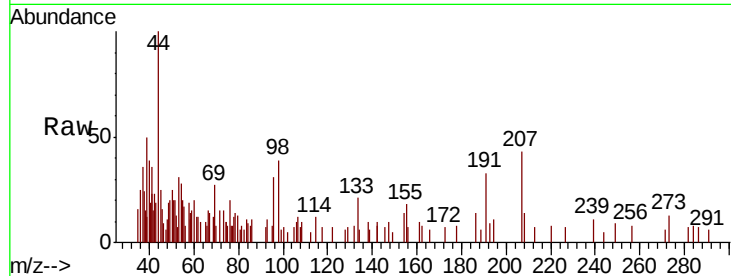
Tot Ion: 96 Resp: 333

Ion Ratio Lower Upper

96 100

61 0.0 113.0 169.4#

98 106.9 51.8 77.8#



#22

Diisopropyl ether

Concen: 2.893 ug/l

RT: 3.81 min Scan# 447

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Tgt Ion: 45 Resp: 404

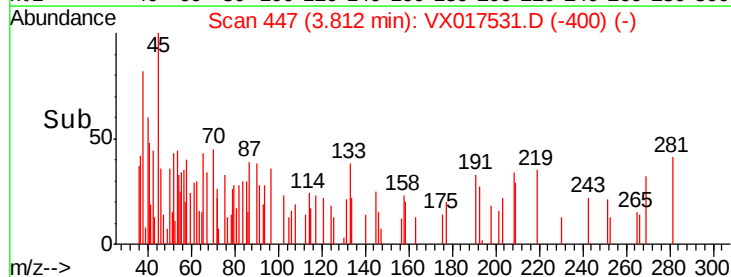
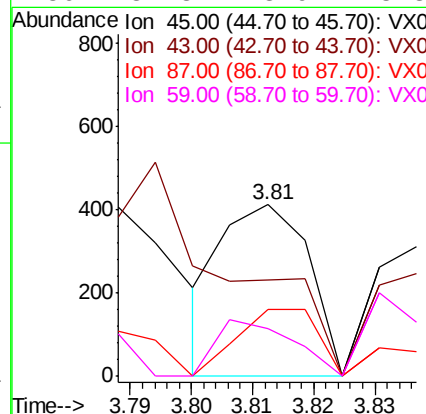
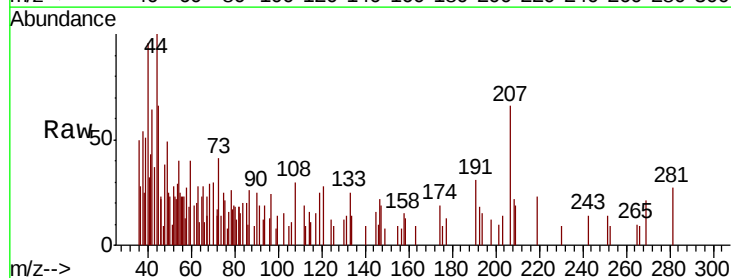
Ion Ratio Lower Upper

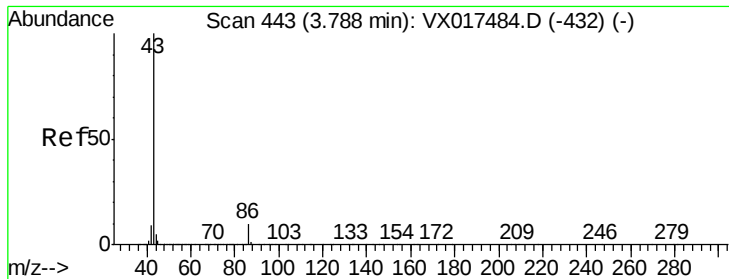
45 100

43 117.2 52.0 78.0#

87 81.3 22.2 33.4#

59 184.3 8.9 13.3#





#23

Vinyl Acetate

Concen: 5.750 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

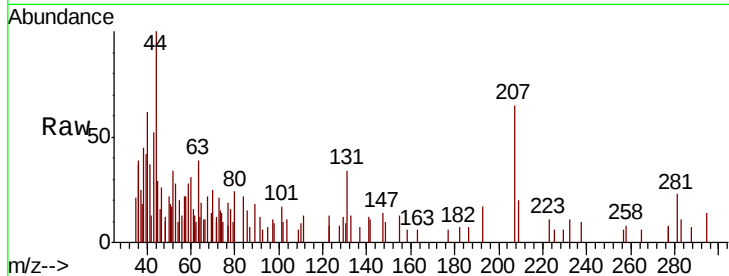
BFB

Tot Ion: 43 Resp: 716

Ion Ratio Lower Upper

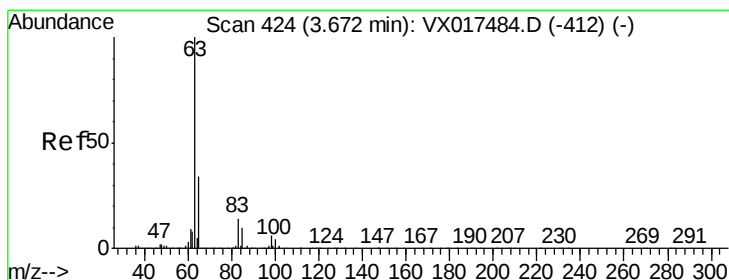
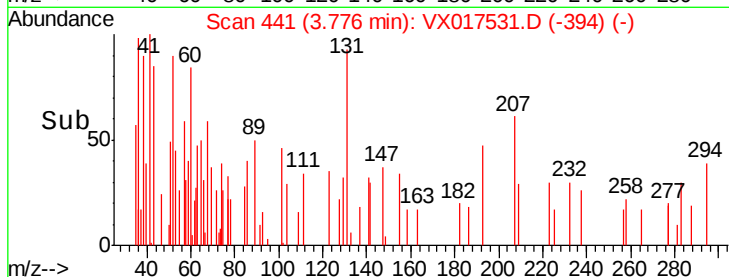
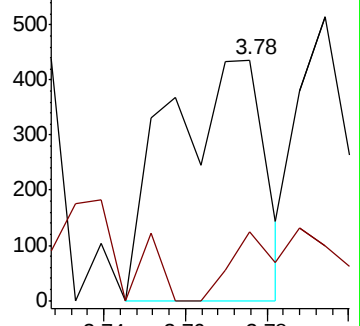
43 100

86 14.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 12.665 ug/l

RT: 3.65 min Scan# 420

Delta R.T. -0.02 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

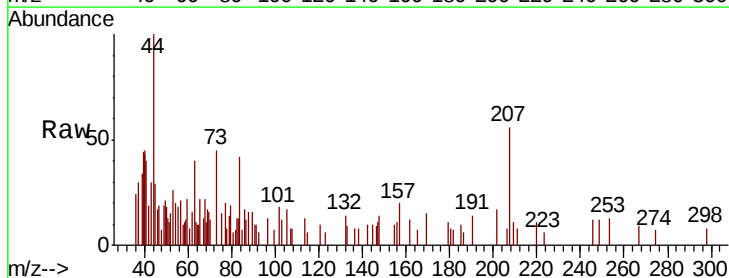
Tgt Ion: 63 Resp: 1019

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

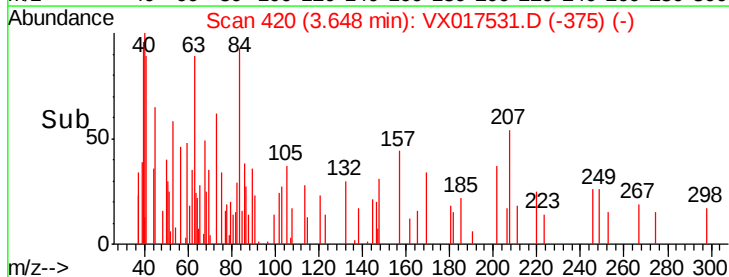
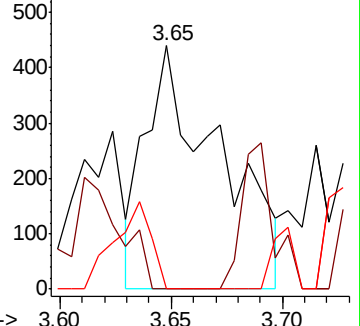
100 0.0 1.9 5.7#

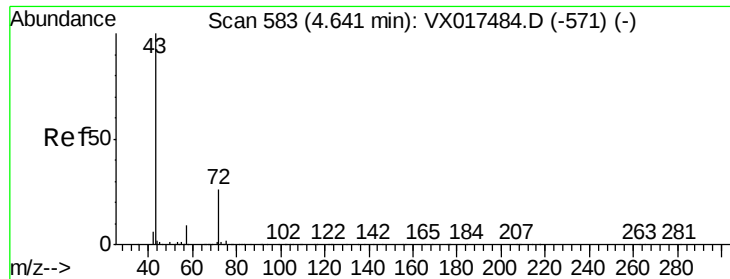


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 21.550 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

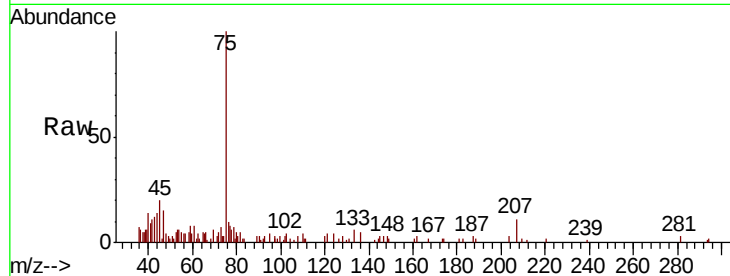
BFB

Tot Ion: 43 Resp: 701

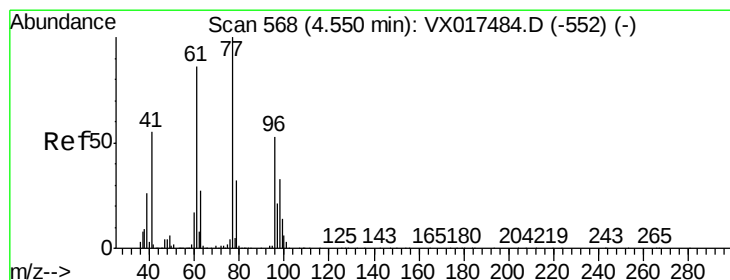
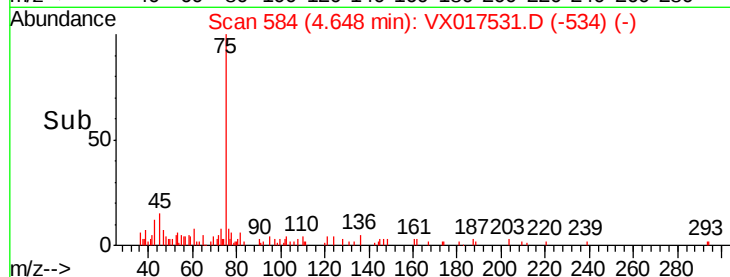
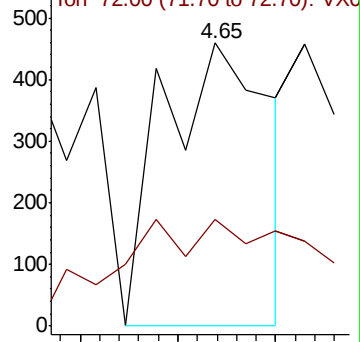
Ion Ratio Lower Upper

43 100

72 15.9 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 4.263 ug/l

RT: 4.51 min Scan# 561

Delta R.T. -0.04 min

Lab File: VX017531.D

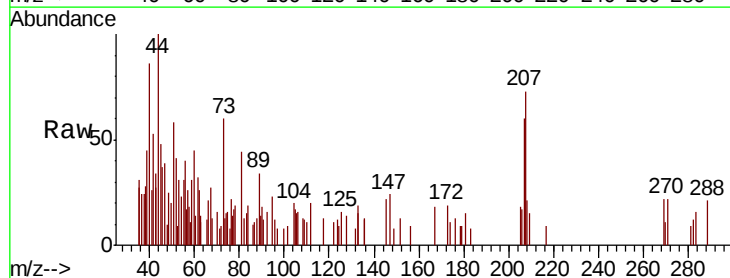
Acq: 24 Jul 2020 10:09

Tgt Ion: 77 Resp: 307

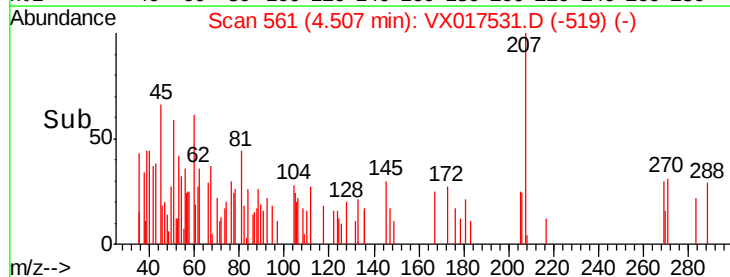
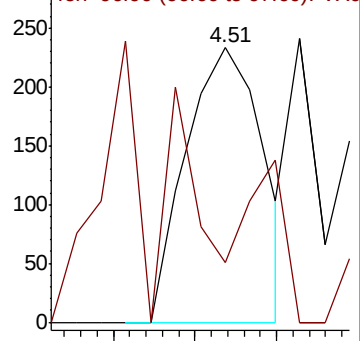
Ion Ratio Lower Upper

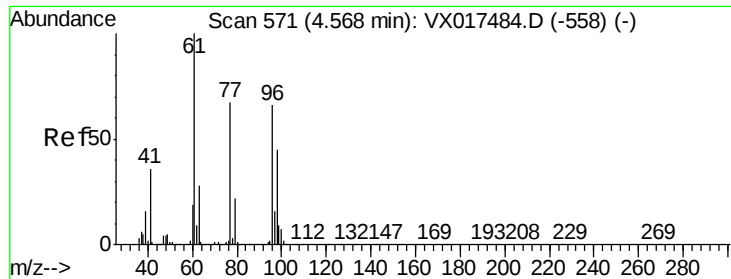
77 100

97 28.7 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0



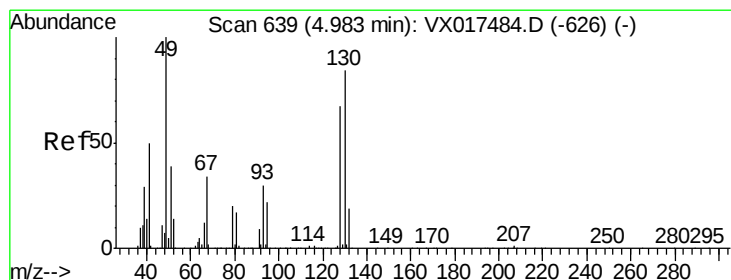
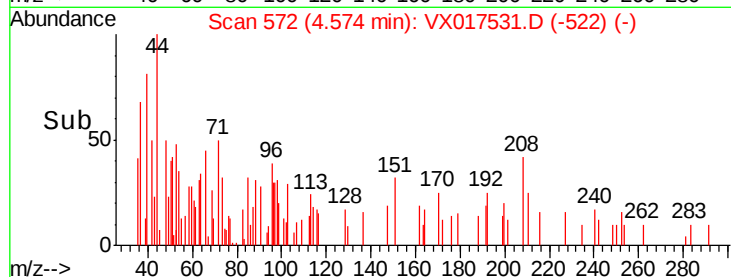
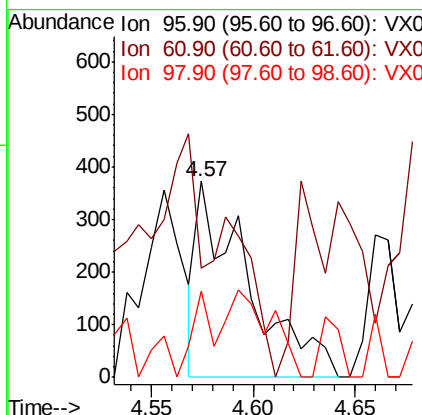
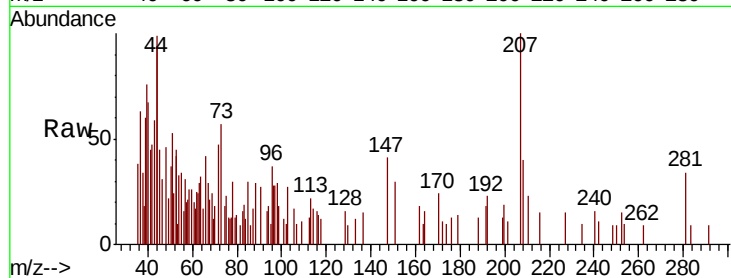


#27

cis-1,2-Dichloroethene
Concen: 13.292 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
BFB

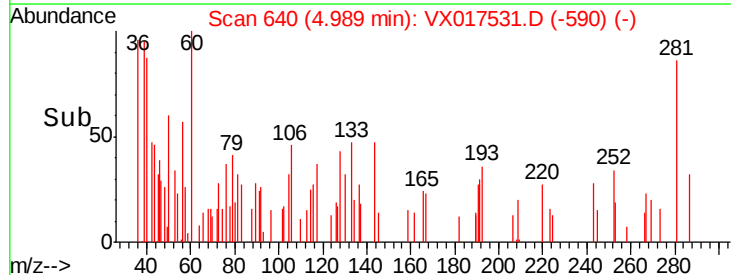
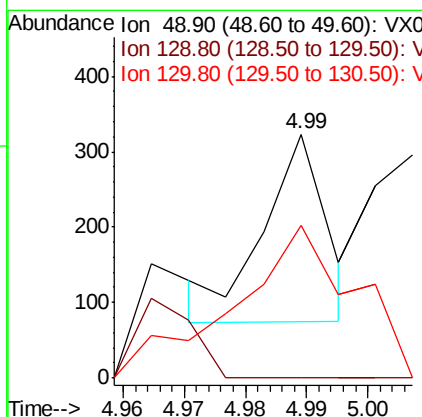
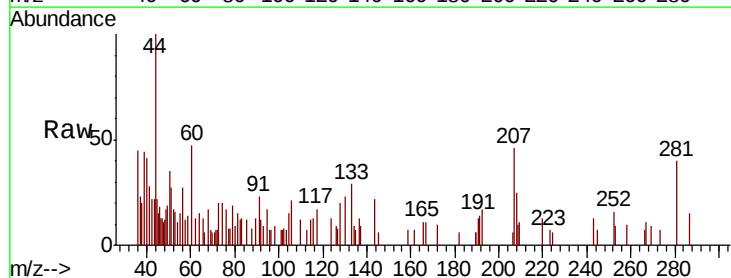
Tot Ion	96	Resp:	647
Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	301.2
98	16.1	0.0	130.0

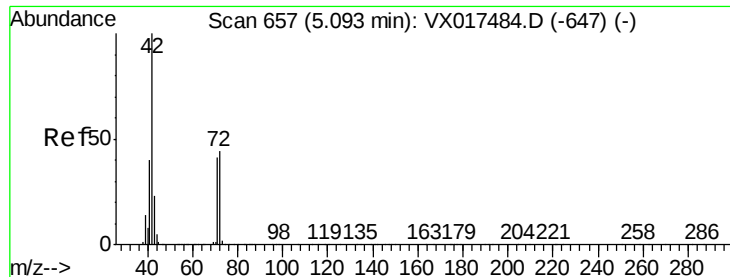


#28

Bromochloromethane
Concen: 4.827 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion	49	Resp:	176
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	183.0	66.7	100.1#





#29

Tetrahydrofuran

Concen: 68.093 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

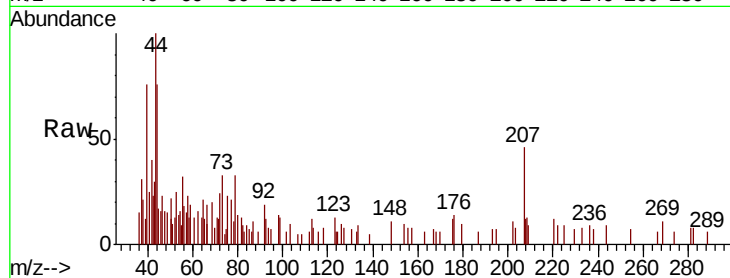
Tot Ion: 42 Resp: 1372

Ion Ratio Lower Upper

42 100

72 15.2 35.5 53.3#

71 29.8 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

5.09

600

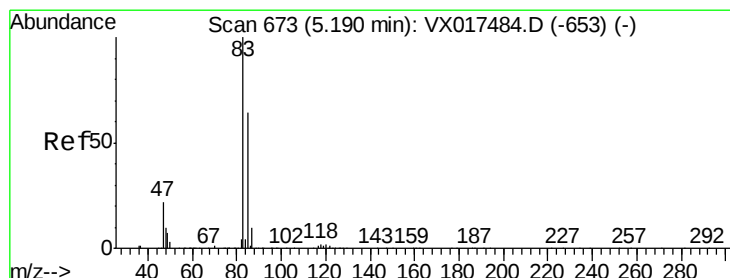
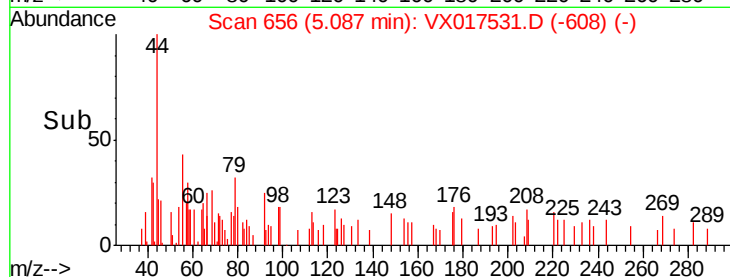
400

200

0

5.05 5.10 5.15

Time-->



#30

Chloroform

Concen: 1.545 ug/l

RT: 5.25 min Scan# 682

Delta R.T. 0.05 min

Lab File: VX017531.D

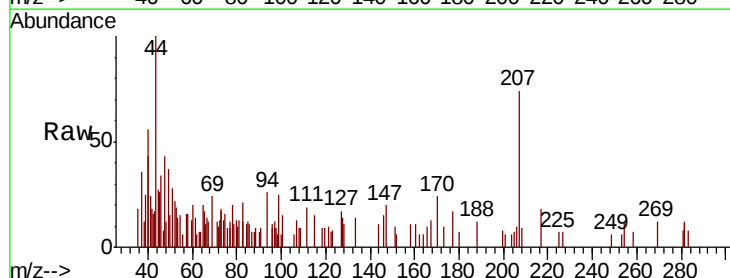
Acq: 24 Jul 2020 10:09

Tgt Ion: 83 Resp: 127

Ion Ratio Lower Upper

83 100

85 69.2 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.25

200

150

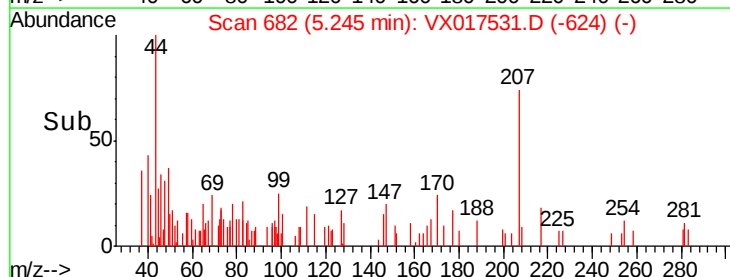
100

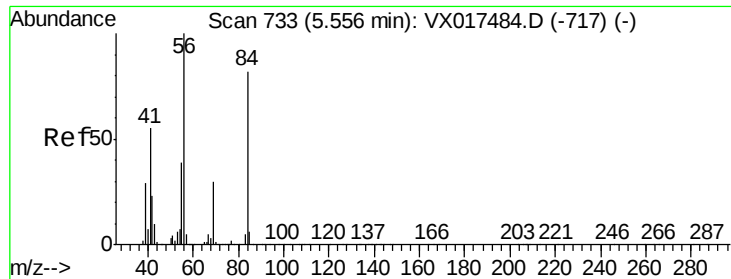
50

0

5.23 5.24 5.25 5.26 5.27

Time-->

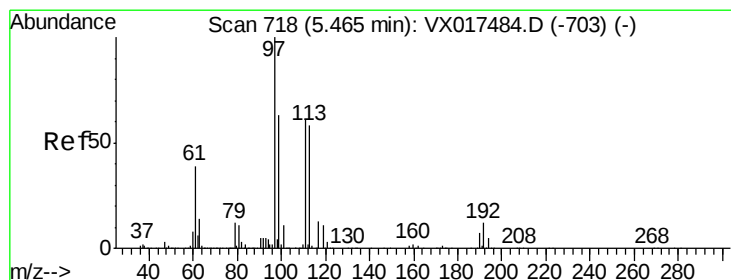
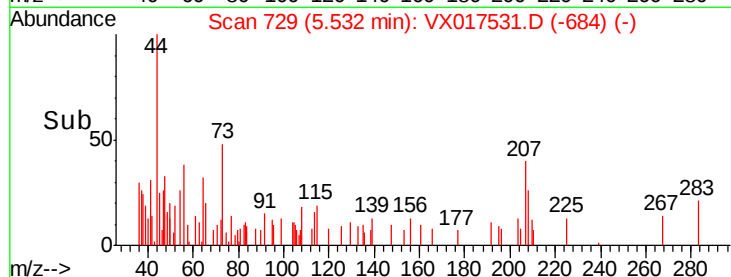
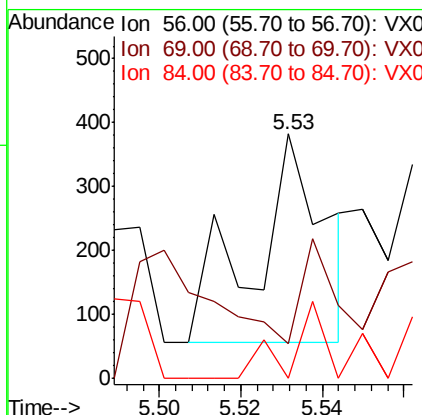
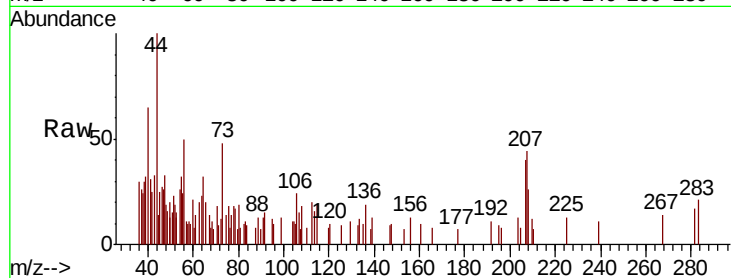




#31
Cyclohexane
Concen: 6.172 ug/l
RT: 5.53 min Scan# 729
Delta R.T. -0.02 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

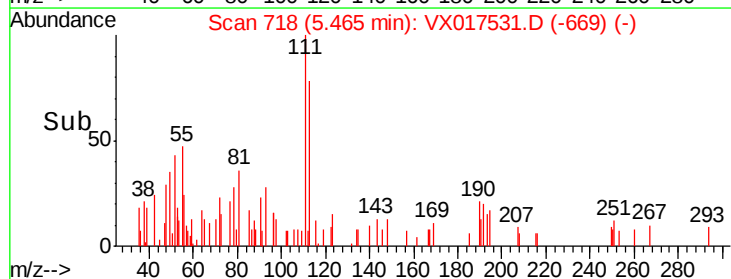
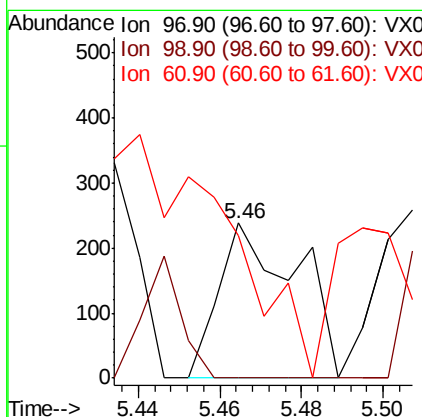
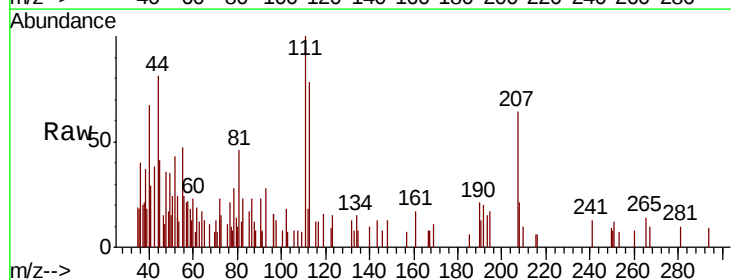
Instrument :
MSVOA_X
ClientSampled :
BFB

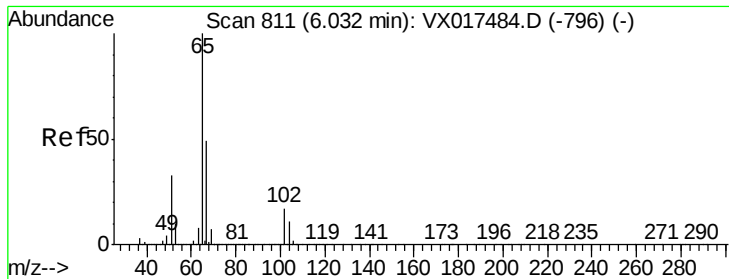
Tot Ion: 56 Resp: 396
Ion Ratio Lower Upper
56 100
69 0.0 24.2 36.4#
84 0.0 69.0 103.6#



#32
1,1,1-Trichloroethane
Concen: 4.089 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 97 Resp: 317
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9#
61 0.0 34.1 51.1#





#33

1,2-Dichloroethane-d4

Concen: 70.352 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

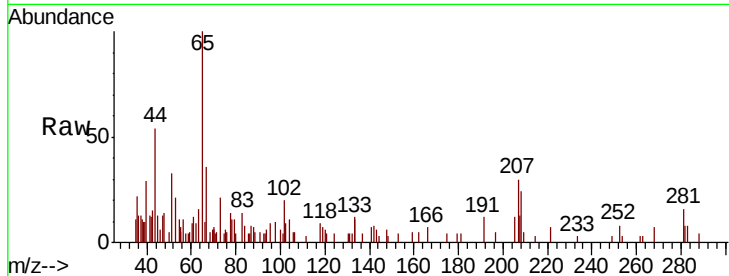
BFB

Tot Ion: 65 Resp: 3660

Ion Ratio Lower Upper

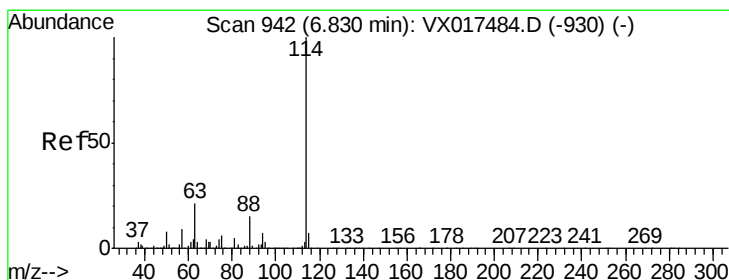
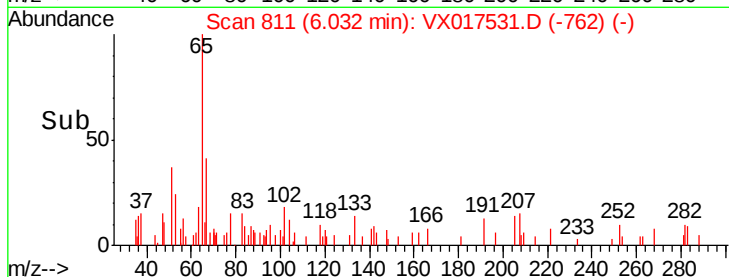
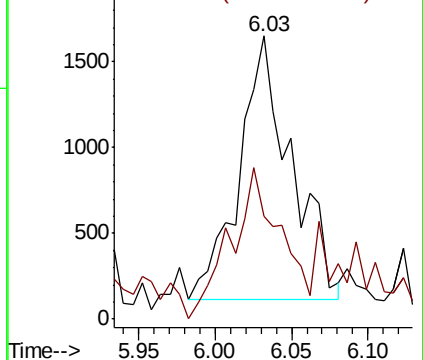
65 100

67 55.2 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: VX017531.D

Acq: 24 Jul 2020 10:09

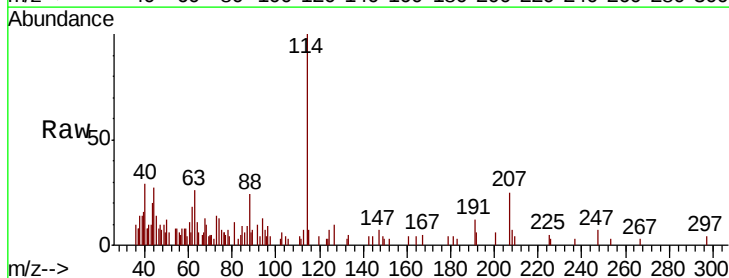
Tgt Ion: 114 Resp: 4971

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

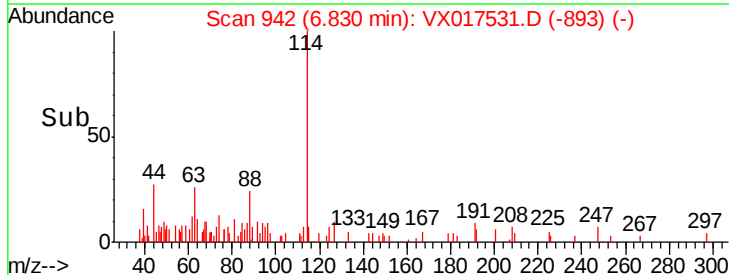
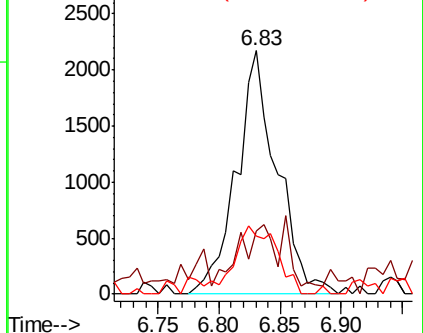
88 23.7 0.0 33.4

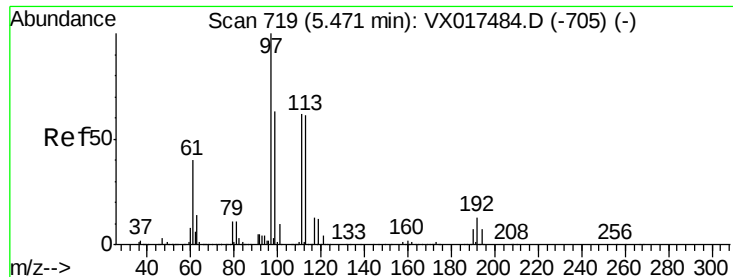


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

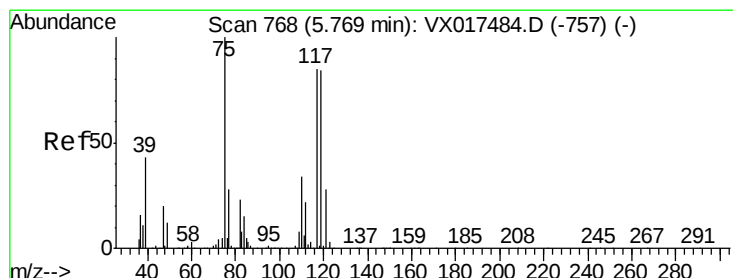
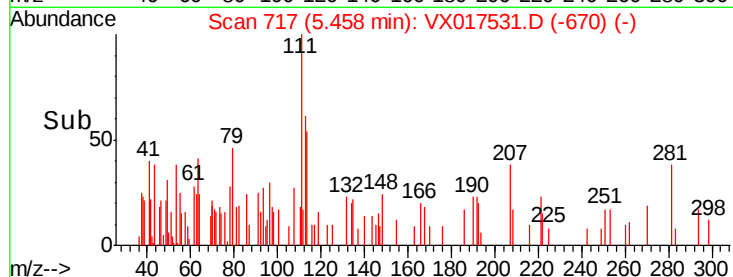
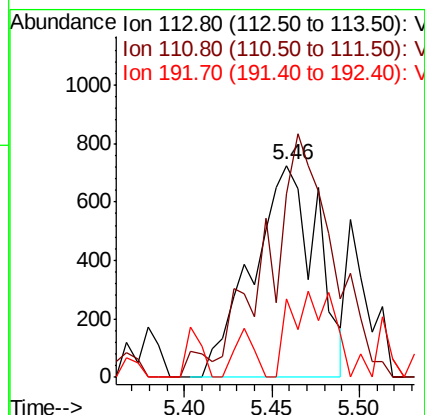
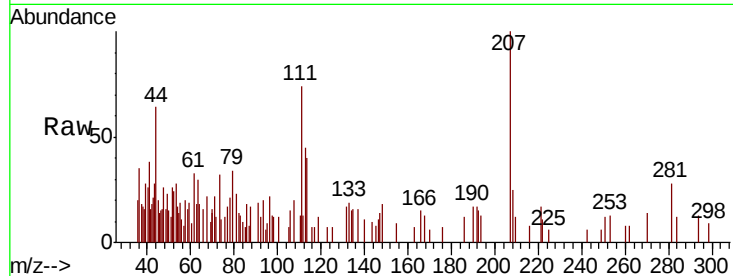




#35
 Dibromofluoromethane
 Concen: 56.277 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

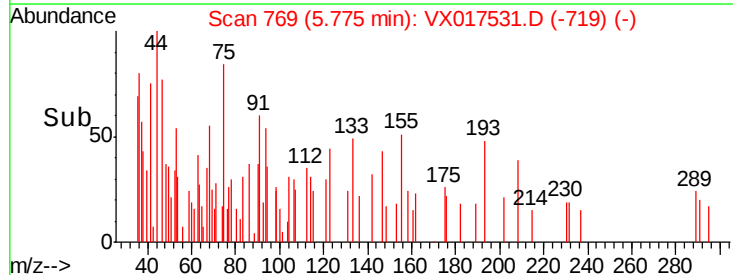
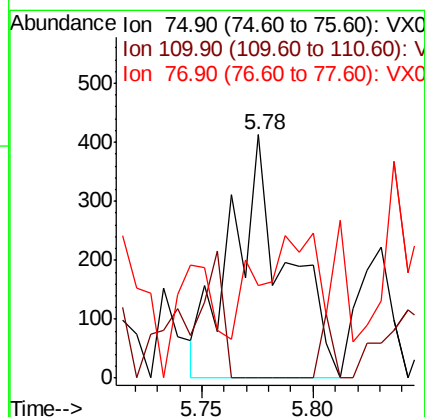
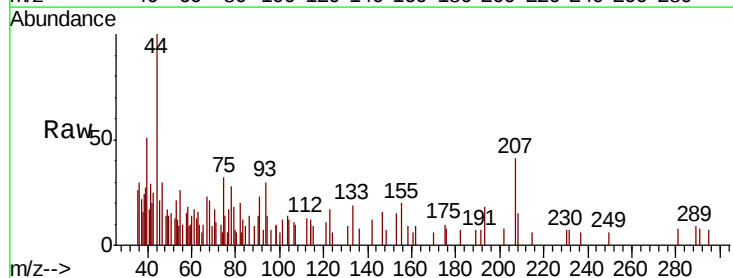
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

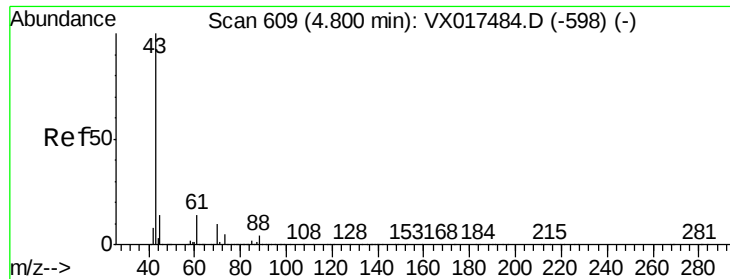
Tot Ion:113 Resp: 1871
 Ion Ratio Lower Upper
 113 100
 111 120.1 80.7 121.1
 192 26.7 16.9 25.3#



#36
 1,1-Dichloropropene
 Concen: 14.787 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion: 75 Resp: 705
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.3
 77 0.0 24.6 37.0#

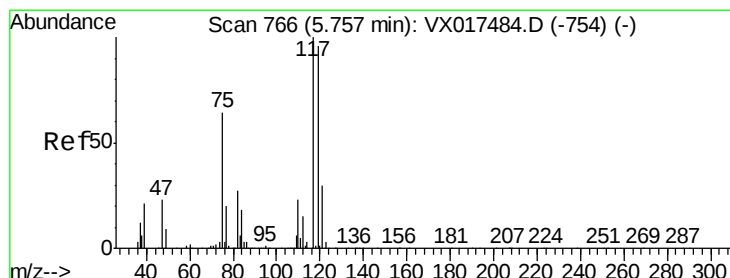
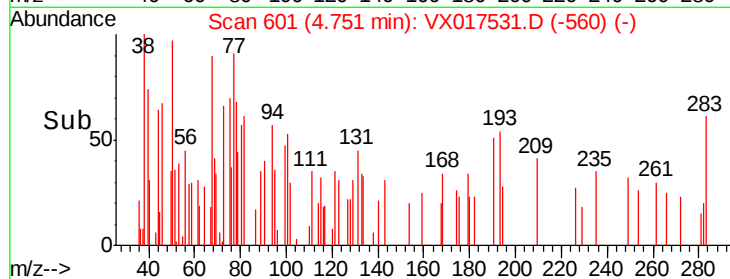
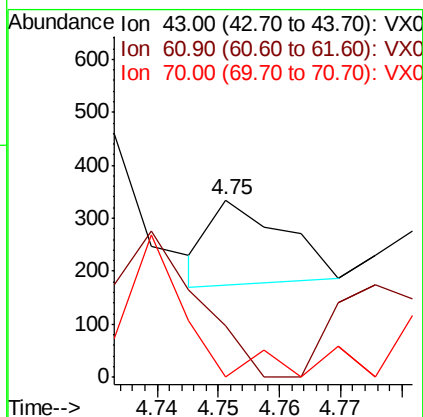
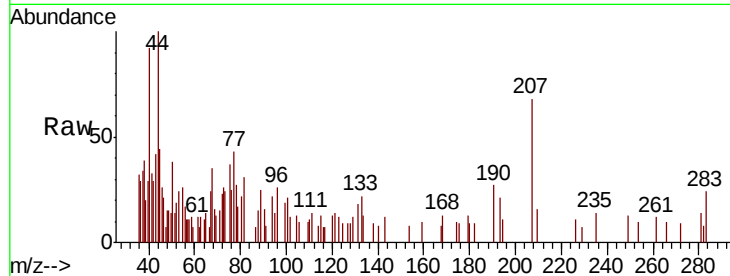




#37
Ethyl Acetate
Concen: 2.550 ug/l
RT: 4.75 min Scan# 601
Delta R.T. -0.05 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

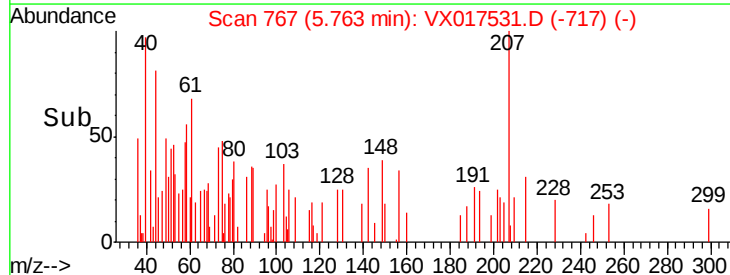
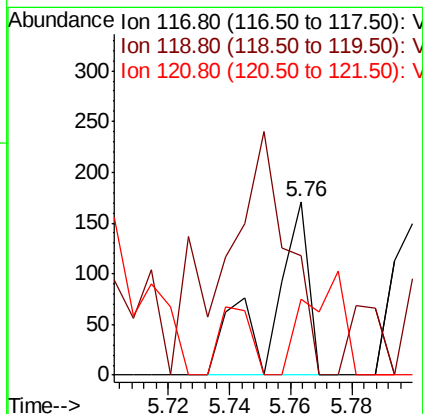
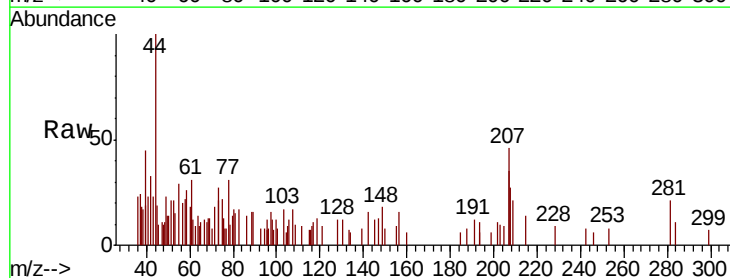
Instrument :
MSVOA_X
ClientSampled :
BFB

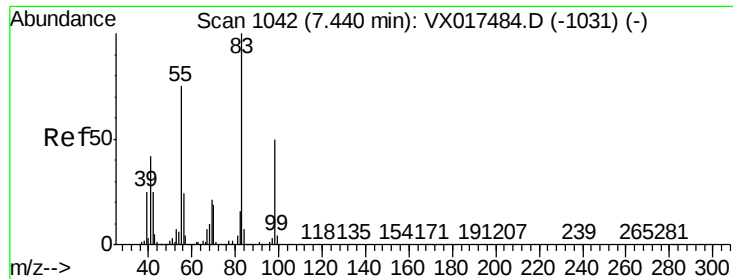
Tot Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 2.539 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 117 Resp: 147
Ion Ratio Lower Upper
117 100
119 69.0 75.4 113.0#
121 43.9 24.3 36.5#

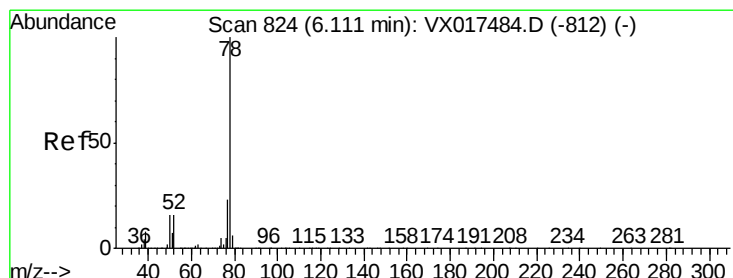
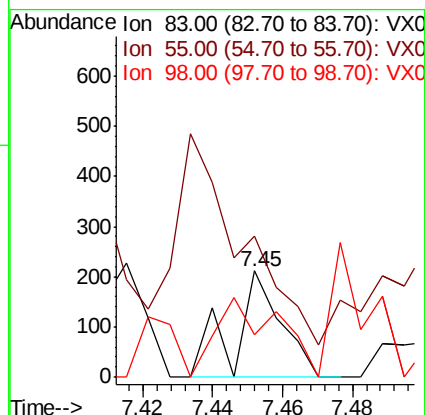
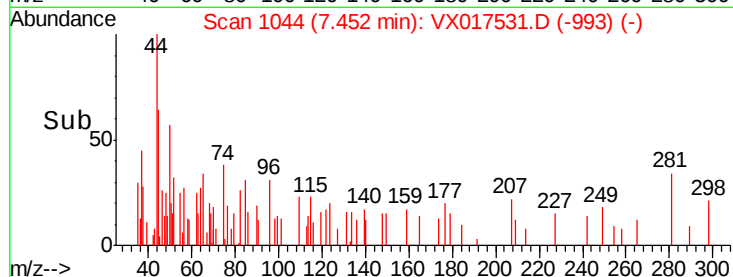
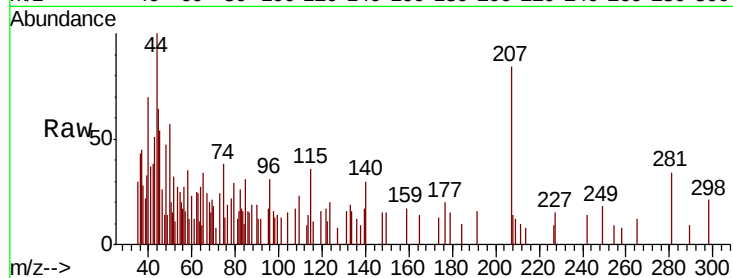




#39
Methvlcvclohexane
Concen: 3.522 ug/l
RT: 7.45 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

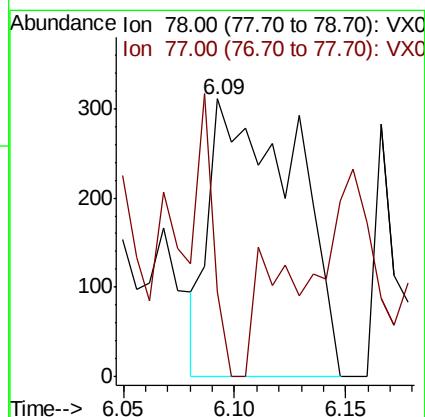
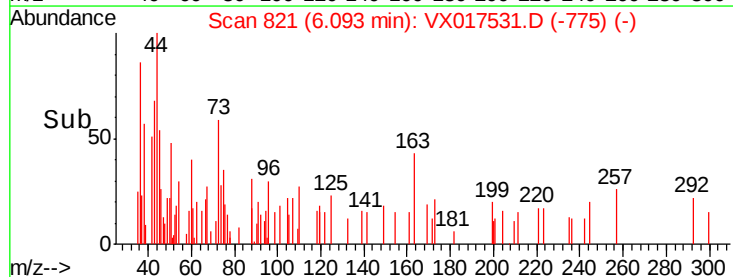
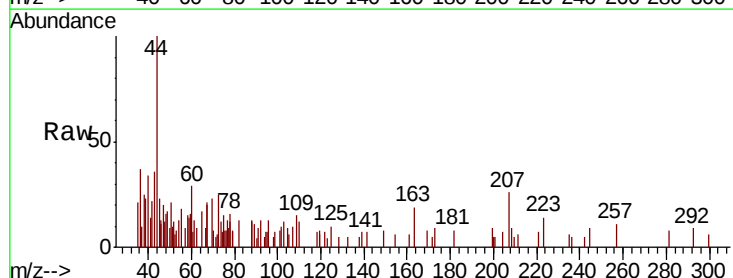
Instrument :
MSVOA_X
ClientSampled :
BFB

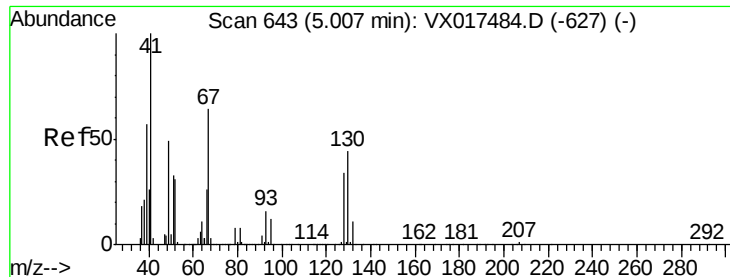
Tot Ion: 83 Resp: 196
Ion Ratio Lower Upper
83 100
55 61.1 61.8 92.8#
98 40.3 36.9 55.3



#40
Benzene
Concen: 6.050 ug/l
RT: 6.09 min Scan# 821
Delta R.T. -0.02 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 78 Resp: 827
Ion Ratio Lower Upper
78 100
77 46.0 19.4 29.2#





#41

Methacrylonitrile

Concen: 5.752 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

Tot Ion: 41 Resp: 172

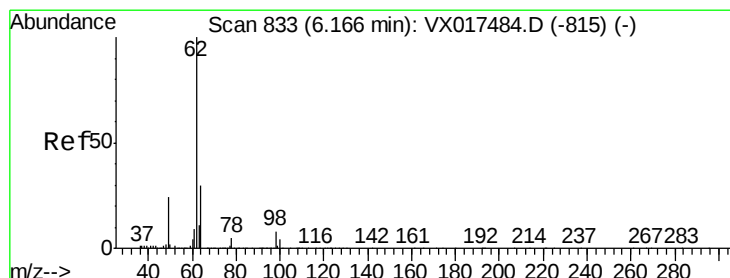
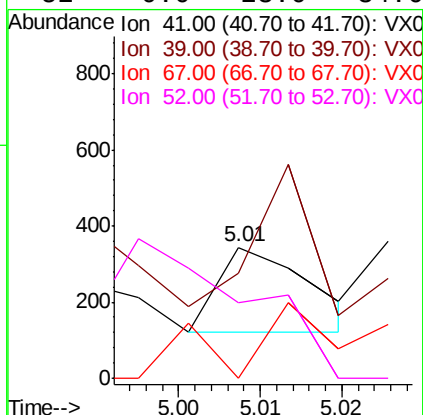
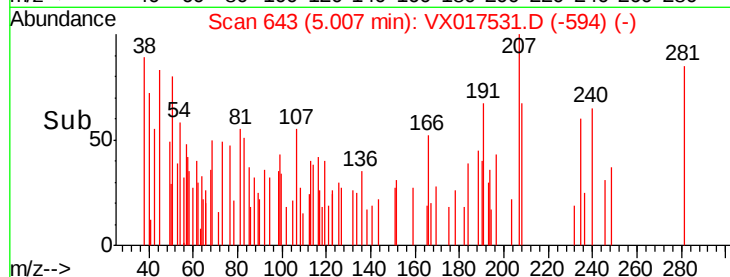
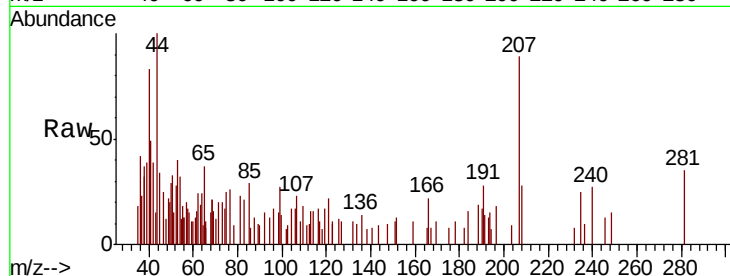
Ion Ratio Lower Upper

41 100

39 125.6 43.9 65.9#

67 0.0 54.0 81.0#

52 0.0 23.0 34.6#



#42

1,2-Dichloroethane

Concen: 19.063 ug/l

RT: 6.18 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX017531.D

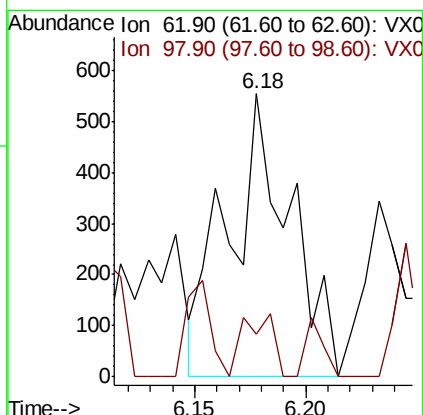
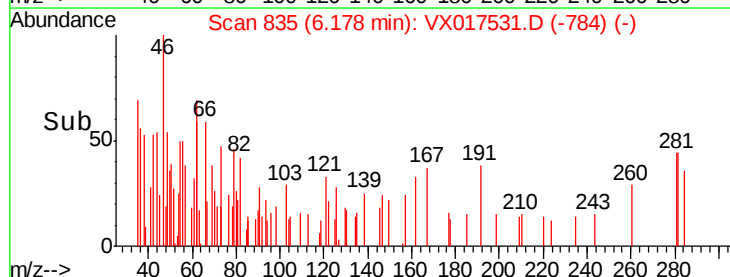
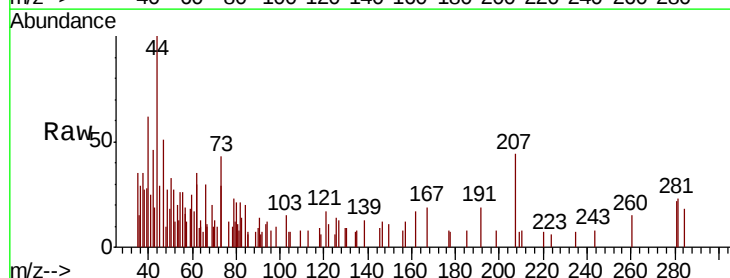
Acq: 24 Jul 2020 10:09

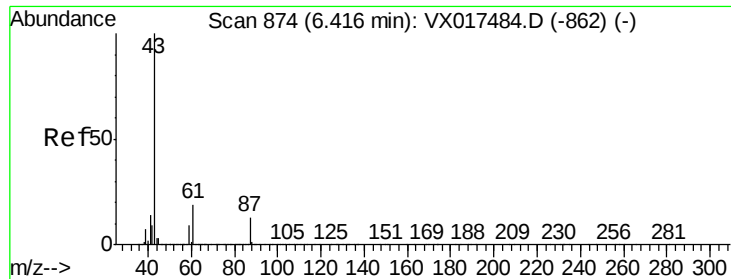
Tgt Ion: 62 Resp: 1066

Ion Ratio Lower Upper

62 100

98 11.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 3.056 ug/l

RT: 6.40 min Scan# 871

Delta R.T. -0.02 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

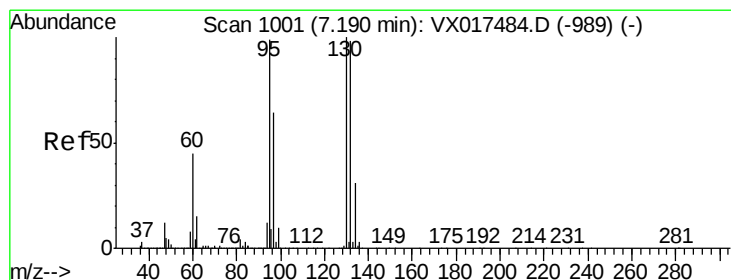
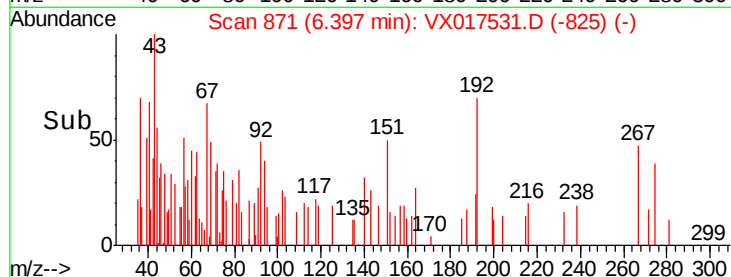
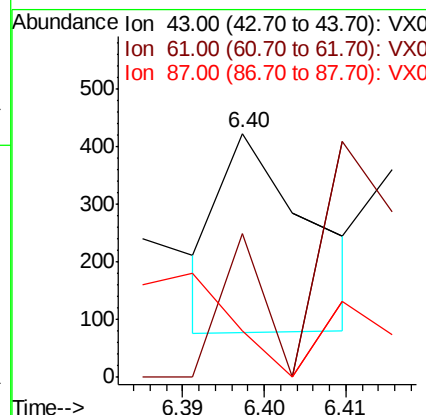
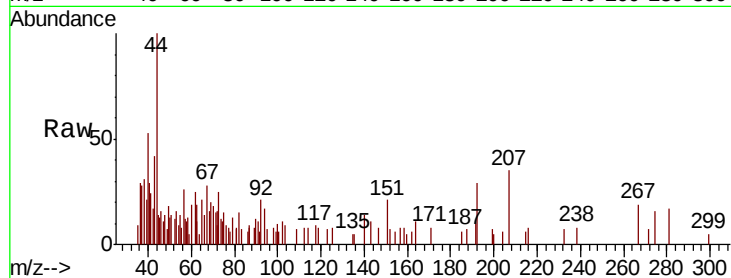
MSVOA_X

ClientSampled :

BFB

Tot Ion: 43 Resp: 263

Ion	Ratio	Lower	Upper
43	100		
61	221.3	15.5	23.3#
87	28.5	10.5	15.7#



#44

Trichloroethene

Concen: 5.983 ug/l

RT: 7.18 min Scan# 999

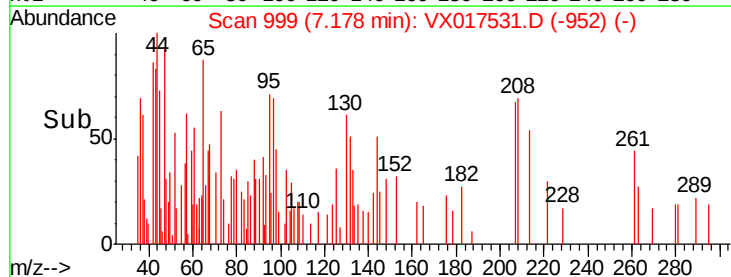
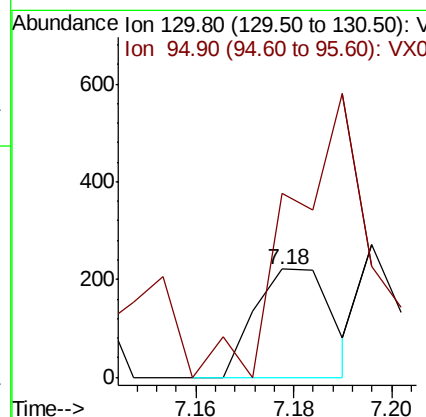
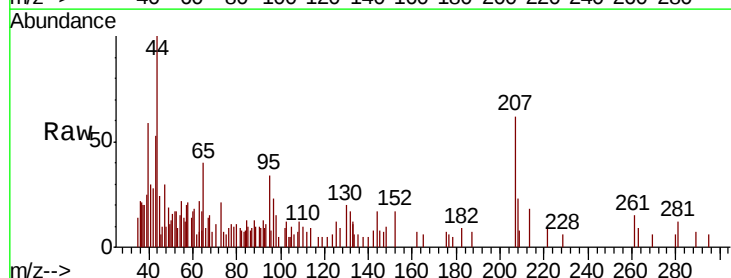
Delta R.T. -0.01 min

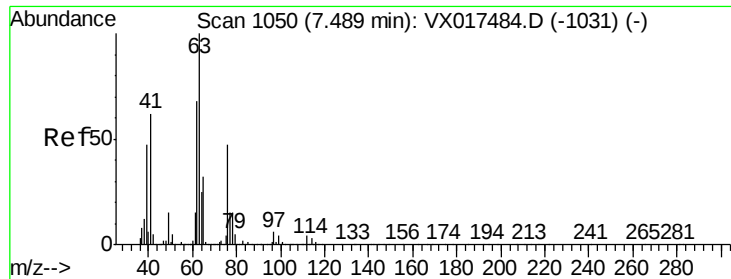
Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Tgt Ion: 130 Resp: 239

Ion	Ratio	Lower	Upper
130	100		
95	169.7	0.0	189.0

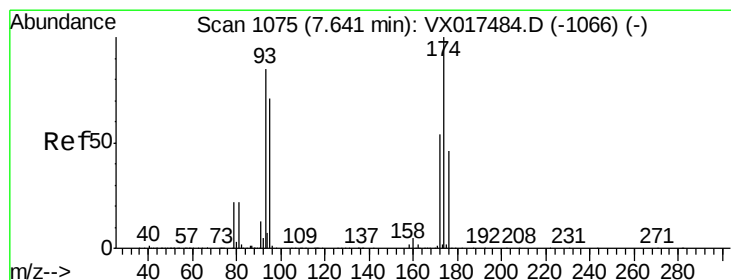
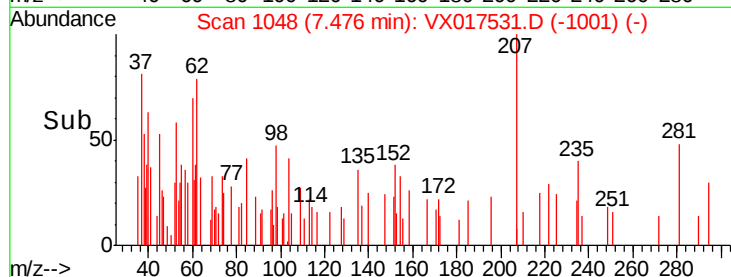
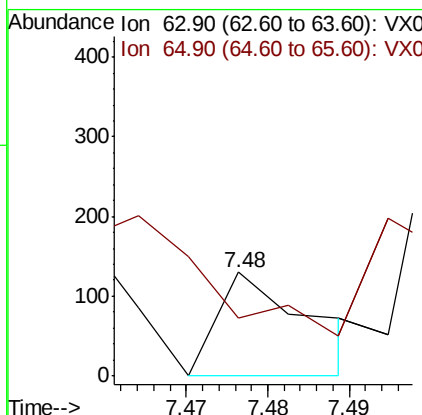
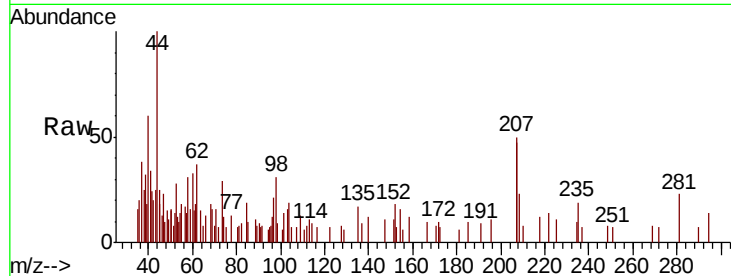




#45
 1,2-Dichloropropane
 Concen: 2.692 ug/l
 RT: 7.48 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

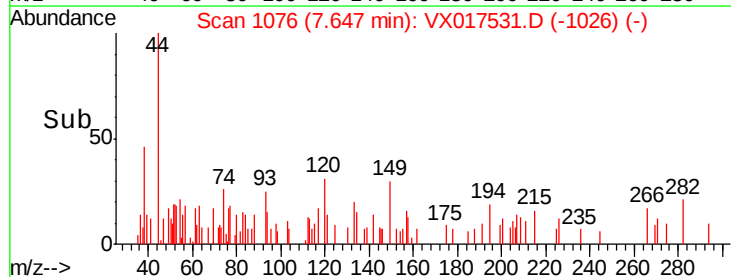
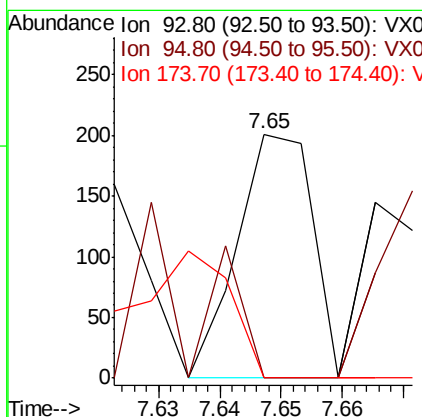
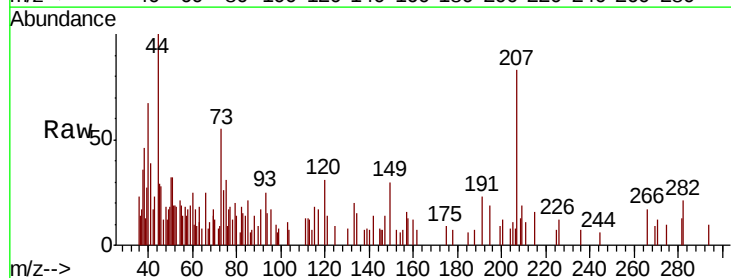
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

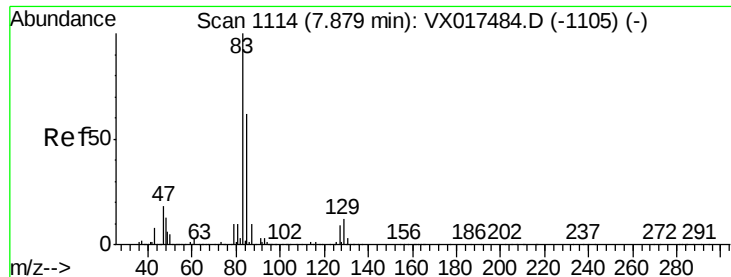
Tot Ion: 63 Resp: 102
 Ion Ratio Lower Upper
 63 100
 65 37.9 24.5 36.7#



#46
 Dibromomethane
 Concen: 6.386 ug/l
 RT: 7.65 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion: 93 Resp: 171
 Ion Ratio Lower Upper
 93 100
 95 0.0 66.6 99.8#
 174 0.0 87.0 130.6#





#47

Bromodichloromethane

Concen: 8.296 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

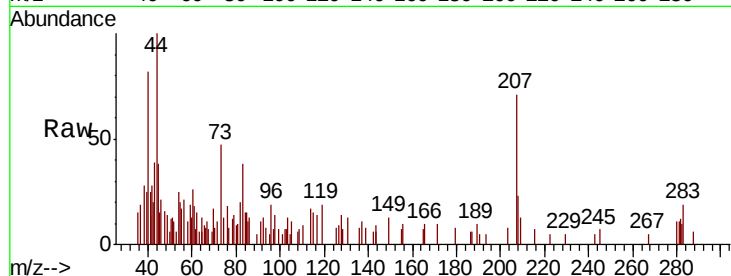
Tot Ion: 83 Resp: 447

Ion Ratio Lower Upper

83 100

85 69.2 51.8 77.8

127 23.4 7.4 11.2#

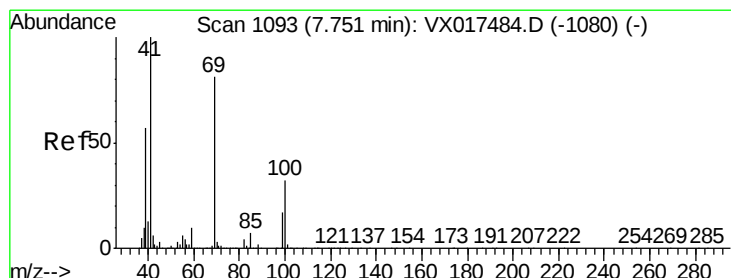
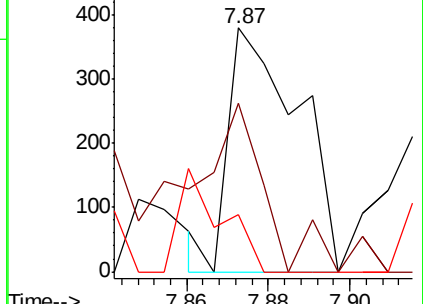
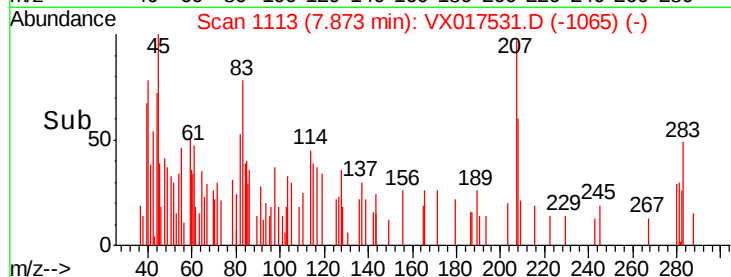


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

Time-->



#48

Methyl methacrylate

Concen: 20.486 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

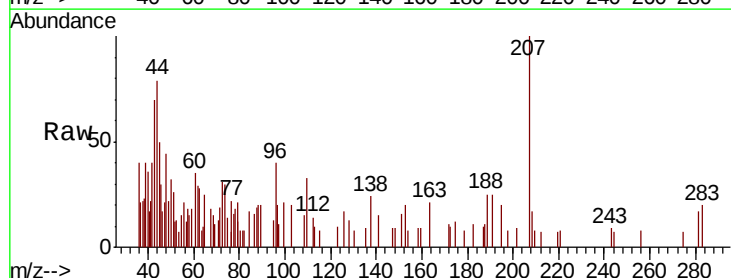
Tgt Ion: 41 Resp: 874

Ion Ratio Lower Upper

41 100

69 25.1 63.1 94.7#

39 19.6 45.1 67.7#

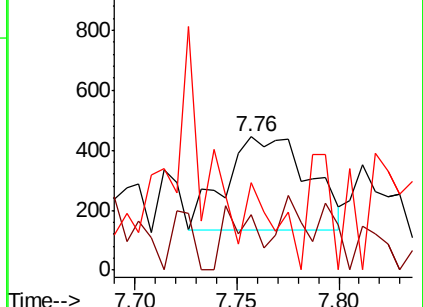
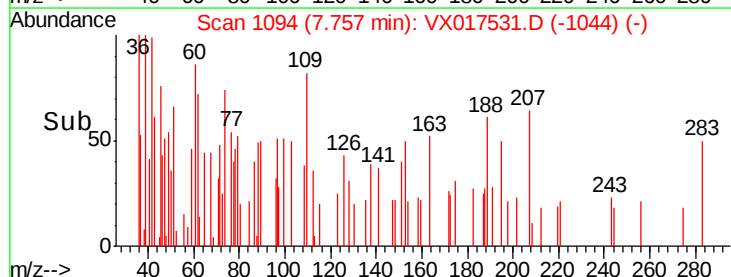


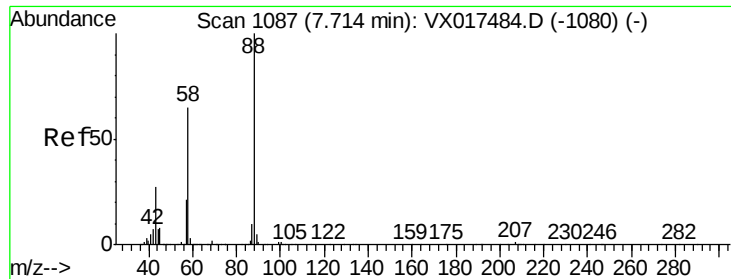
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#49

1,4-Dioxane

Concen: 276.294 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

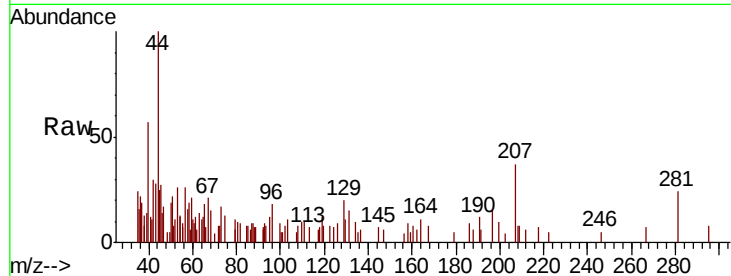
Tot Ion: 88 Resp: 226

Ion Ratio Lower Upper

88 100

43 316.8 27.8 41.6#

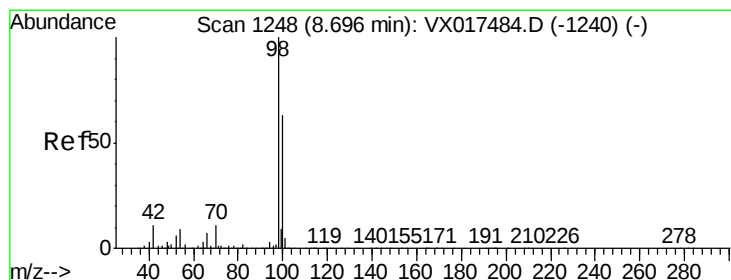
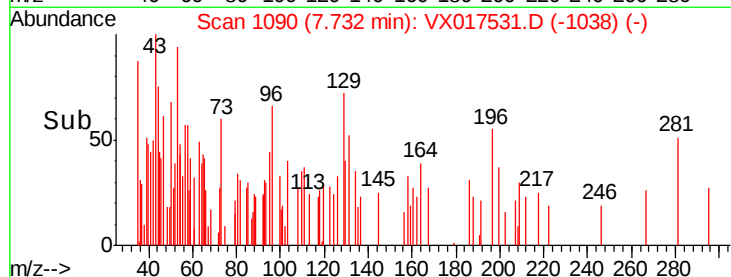
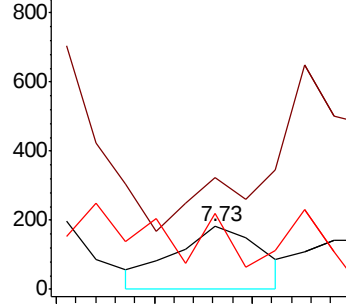
58 73.0 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.858 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017531.D

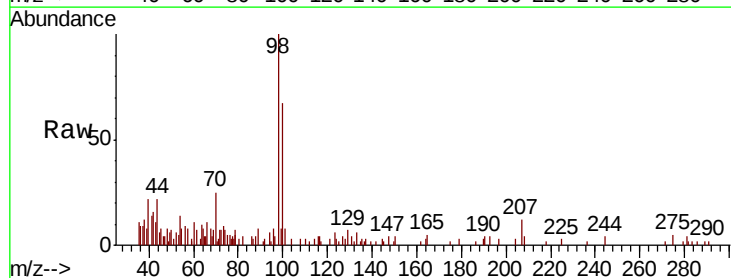
Acq: 24 Jul 2020 10:09

Tgt Ion: 98 Resp: 5380

Ion Ratio Lower Upper

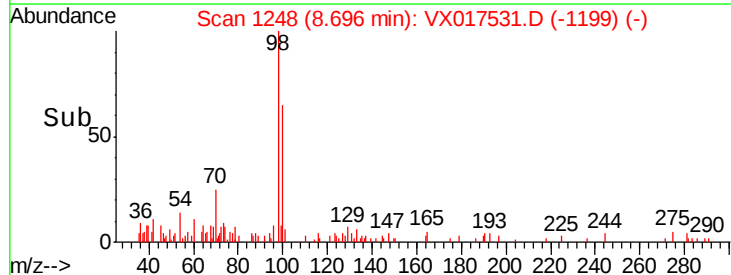
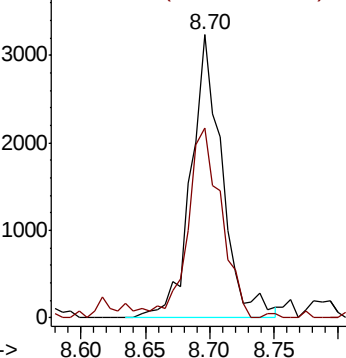
98 100

100 71.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 8.315 ug/l

RT: 8.36 min Scan# 1193

Delta R.T. -0.26 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleID :

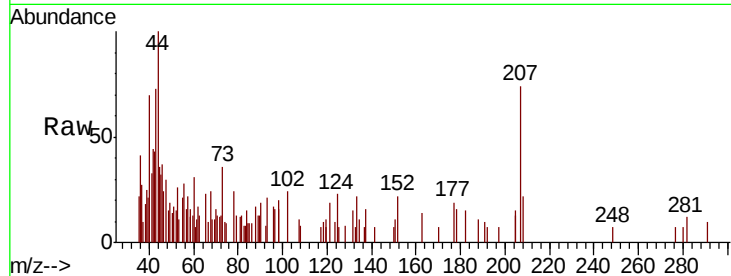
BFB

Tot Ion: 43 Resp: 427

Ion Ratio Lower Upper

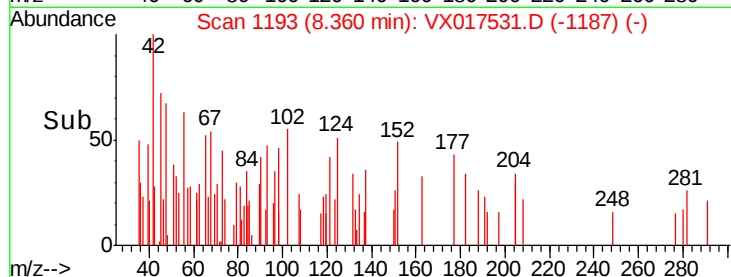
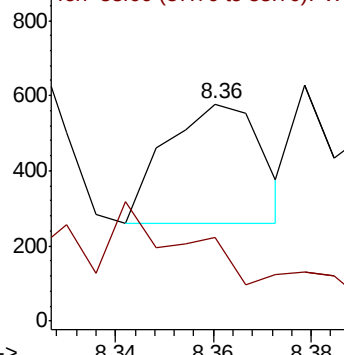
43 100

58 39.3 31.0 46.4

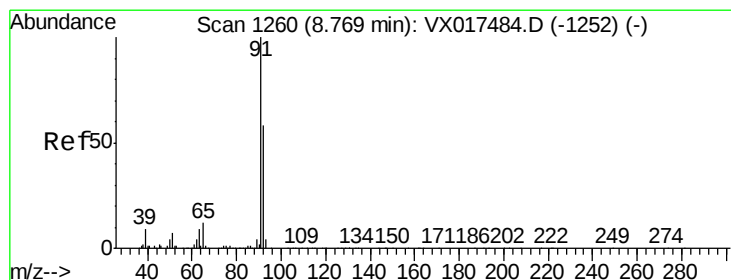


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 5.613 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017531.D

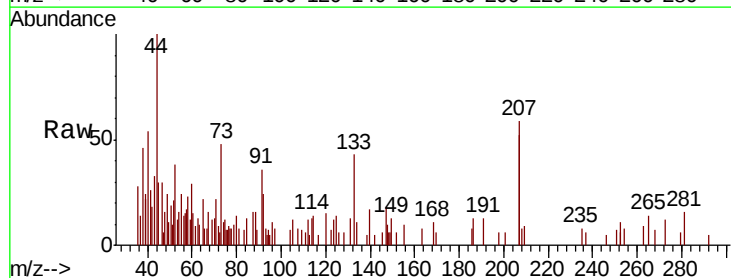
Acq: 24 Jul 2020 10:09

Tgt Ion: 92 Resp: 492

Ion Ratio Lower Upper

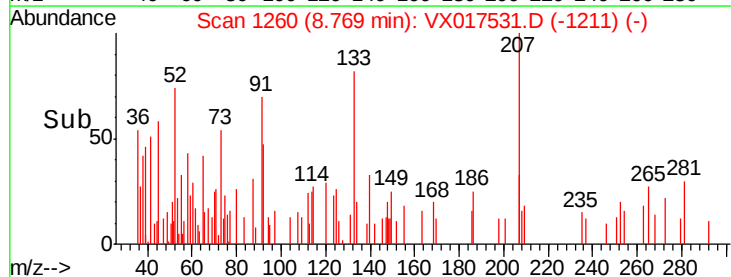
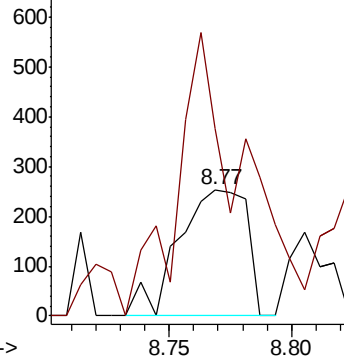
92 100

91 143.3 137.6 206.4

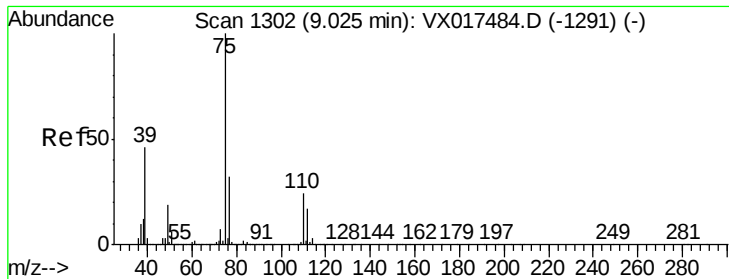


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



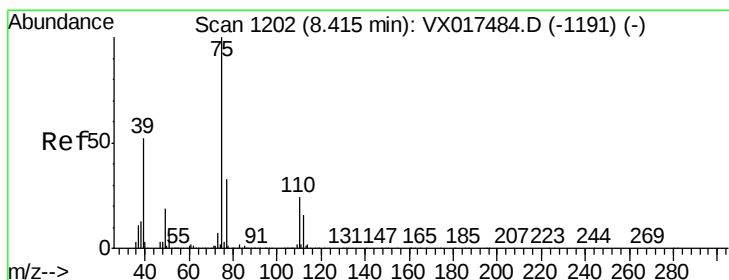
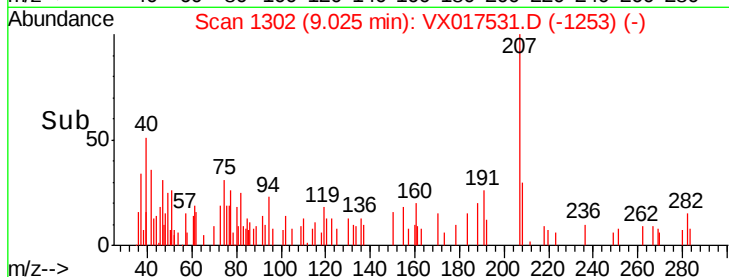
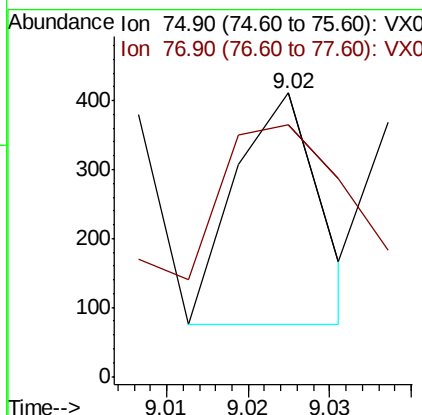
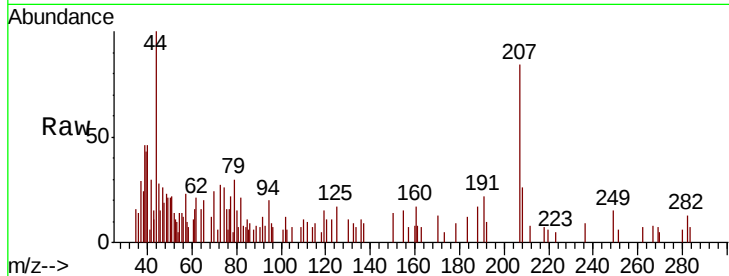
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 3.979 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

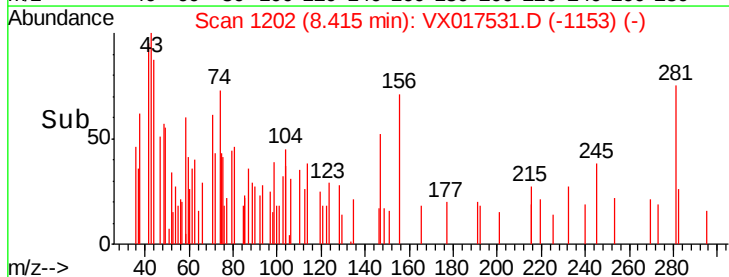
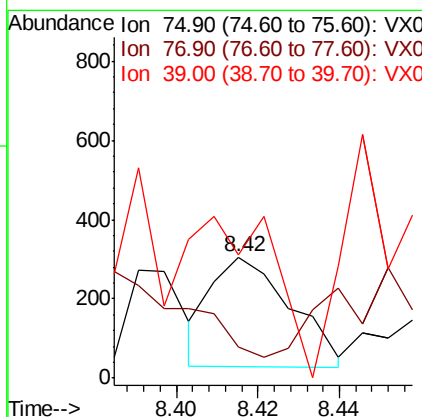
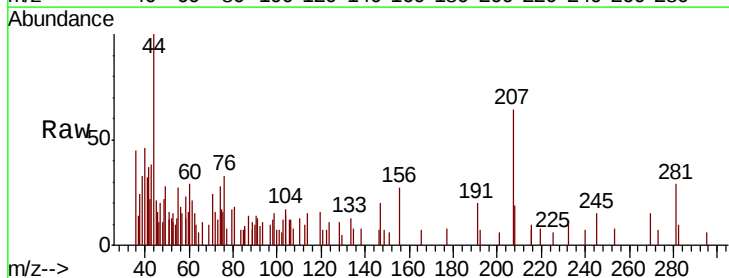
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

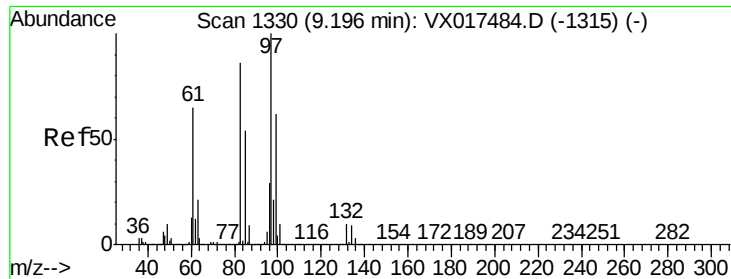
Tot Ion: 75 Resp: 240
 Ion Ratio Lower Upper
 75 100
 77 88.2 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 6.128 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion: 75 Resp: 377
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 41.8 62.8#





#55

1,1,2-Trichloroethane

Concen: 4.080 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 149

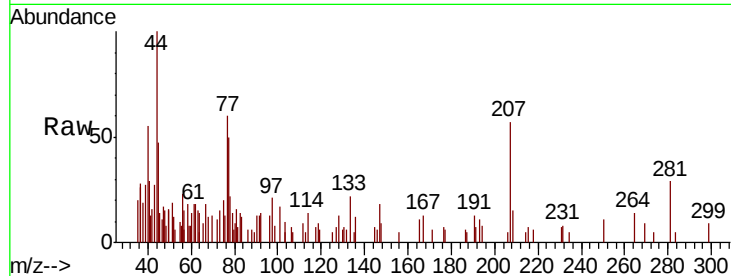
Ion Ratio Lower Upper

97 100

83 56.8 67.6 101.4#

85 0.0 44.6 67.0#

99 37.7 50.2 75.4#

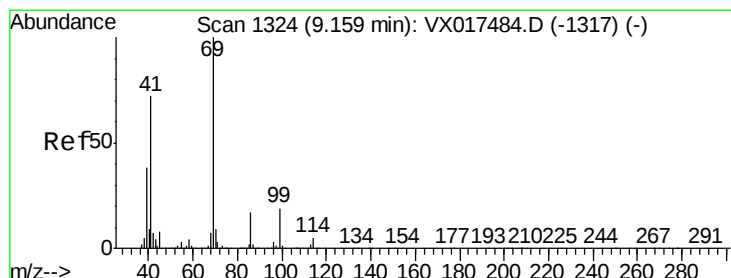
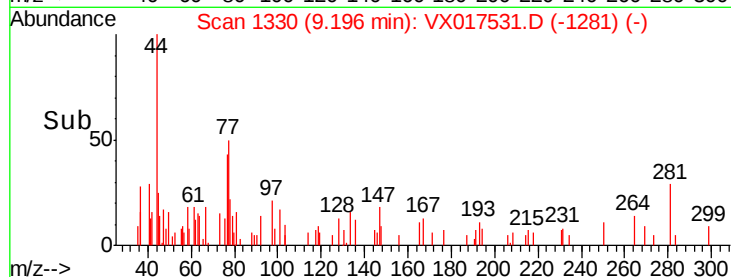
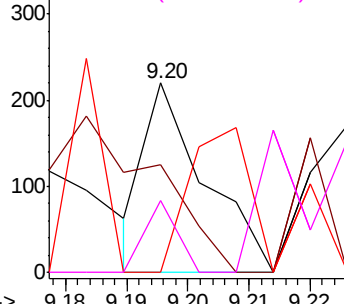


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 5.217 ug/l

RT: 9.17 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

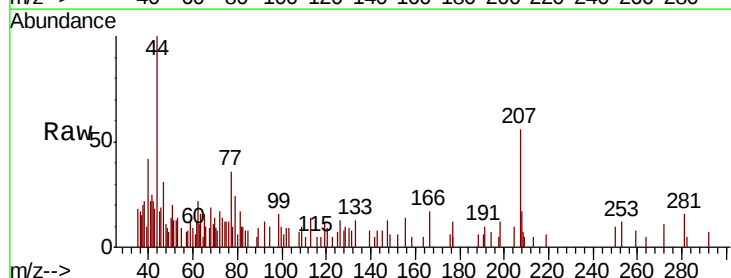
Tgt Ion: 69 Resp: 287

Ion Ratio Lower Upper

69 100

41 85.4 55.0 82.6#

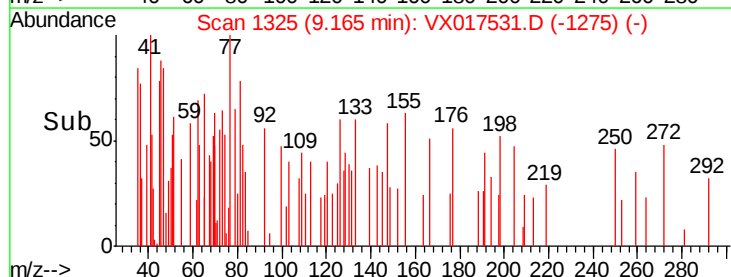
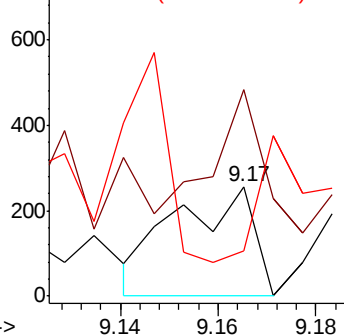
39 94.1 30.0 45.0#

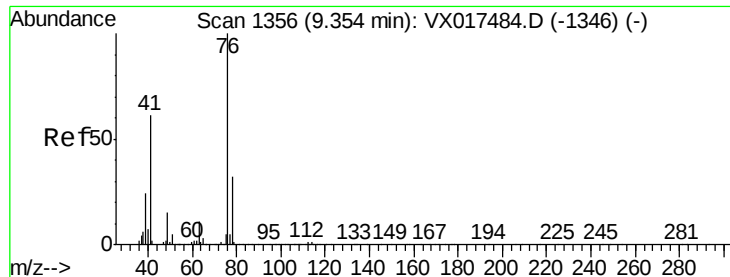


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 3.176 ug/l

RT: 9.12 min Scan# 1318

Delta R.T. -0.23 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

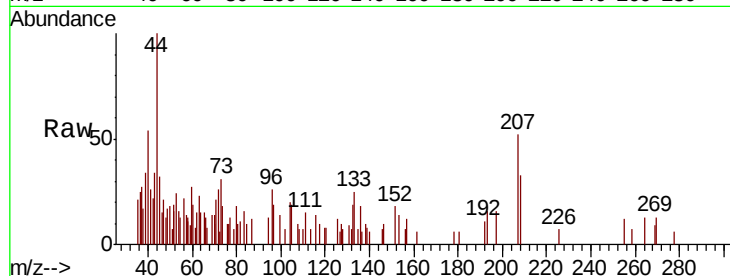
BFB

Tot Ion: 76 Resp: 191

Ion Ratio Lower Upper

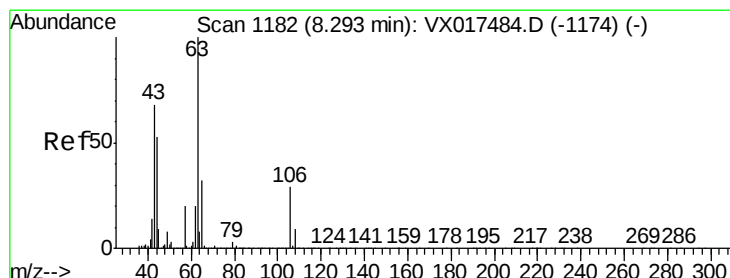
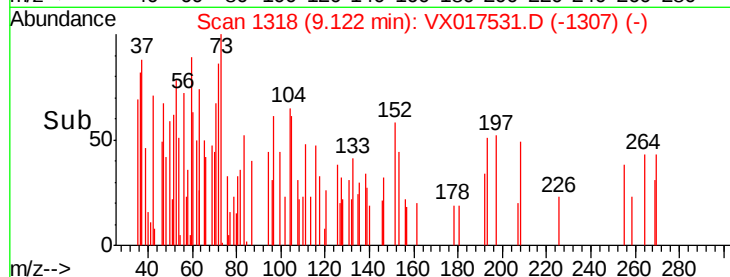
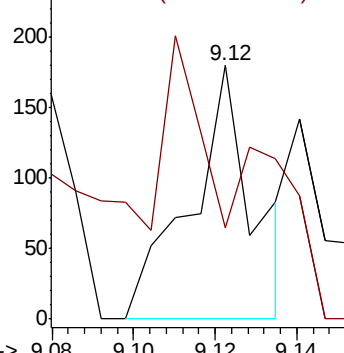
76 100

78 38.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 67.346 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017531.D

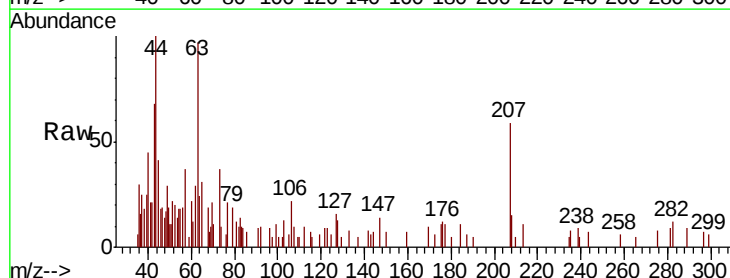
Acq: 24 Jul 2020 10:09

Tgt Ion: 63 Resp: 1952

Ion Ratio Lower Upper

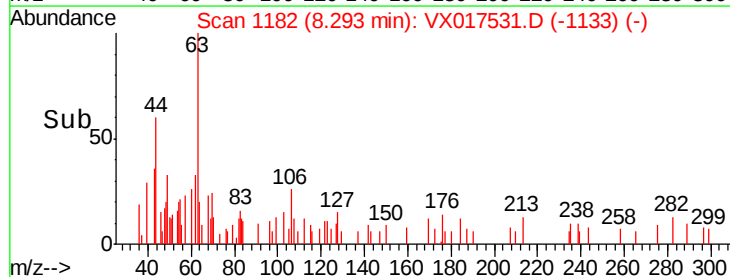
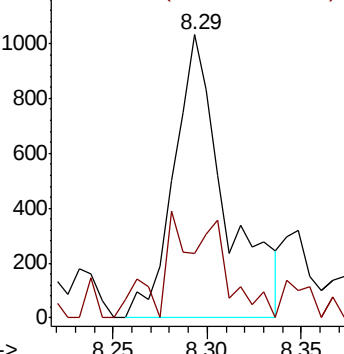
63 100

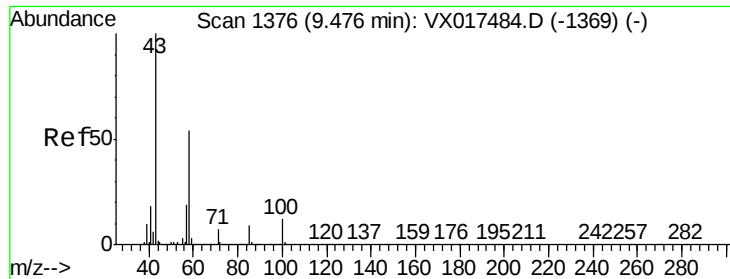
106 22.3 22.6 34.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

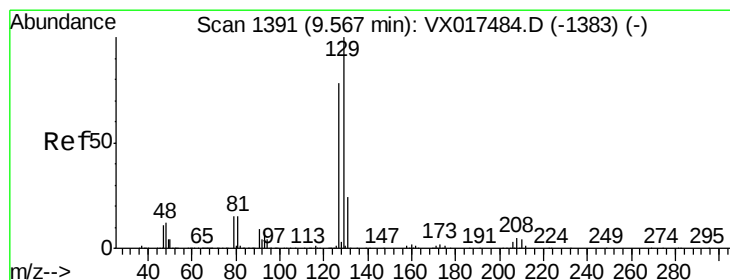
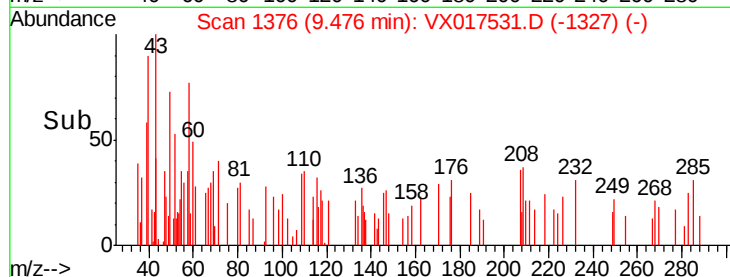
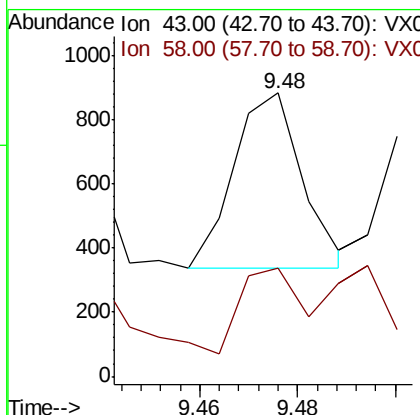
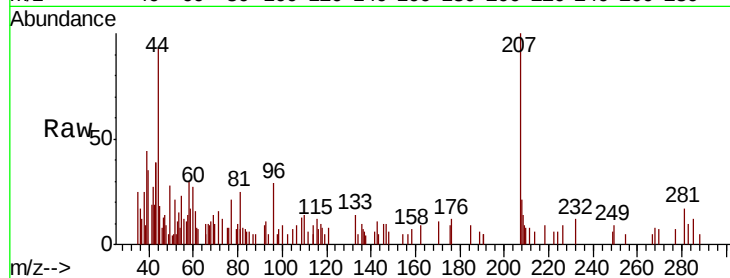




#59
2-Hexanone
Concen: 13.760 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

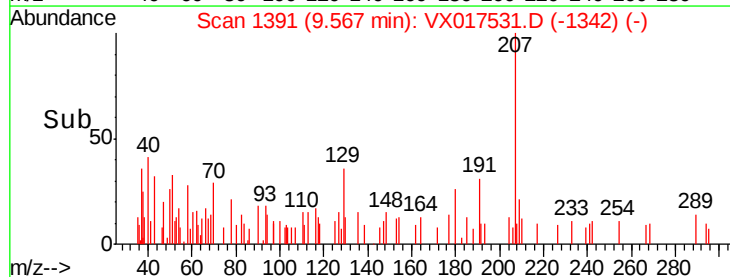
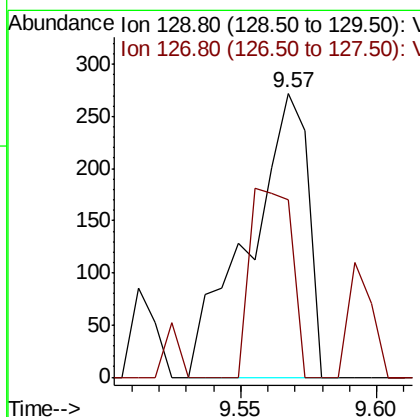
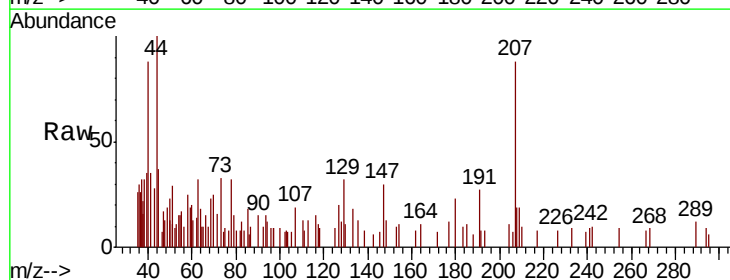
Instrument :
MSVOA_X
ClientSampleId :
BFB

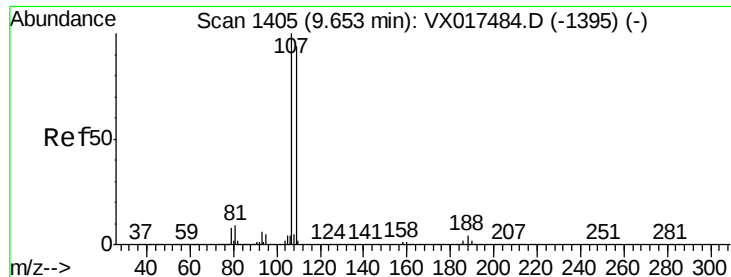
Tot Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 43.2 26.6 79.8



#60
Dibromochloromethane
Concen: 8.769 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 129 Resp: 407
Ion Ratio Lower Upper
129 100
127 47.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 2.546 ug/l

RT: 9.84 min Scan# 1435

Delta R.T. 0.18 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

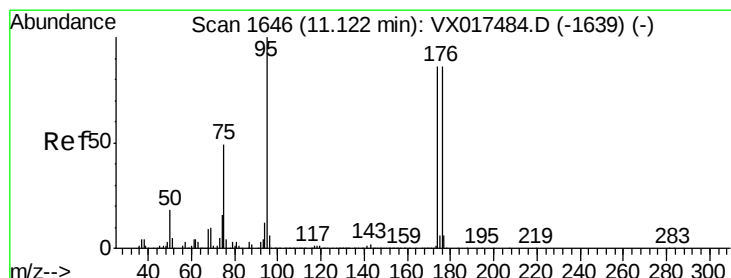
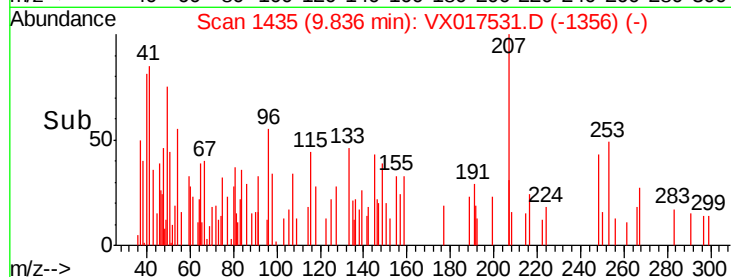
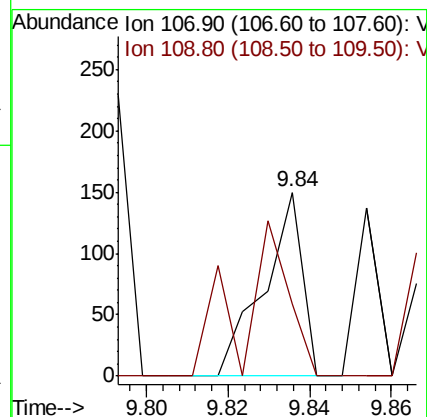
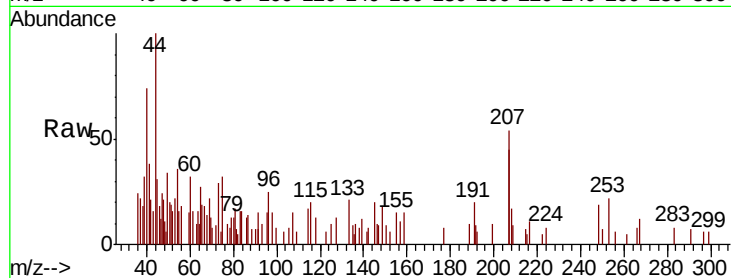
BFB

Tot Ion: 107 Resp: 99

Ion Ratio Lower Upper

107 100

109 102.0 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 4517.258 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

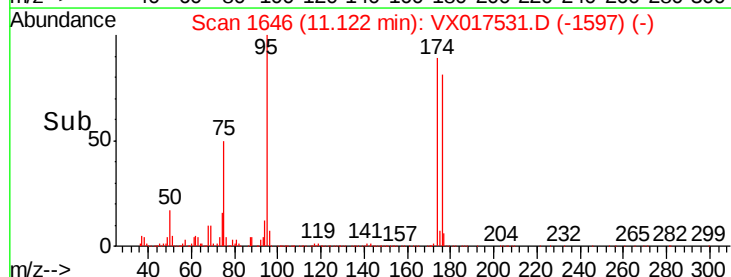
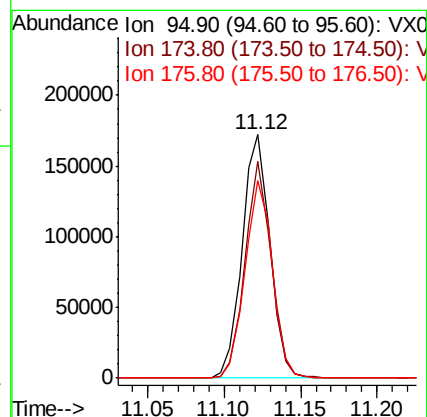
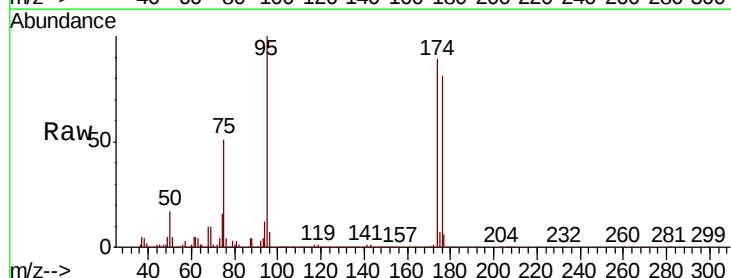
Tgt Ion: 95 Resp: 216821

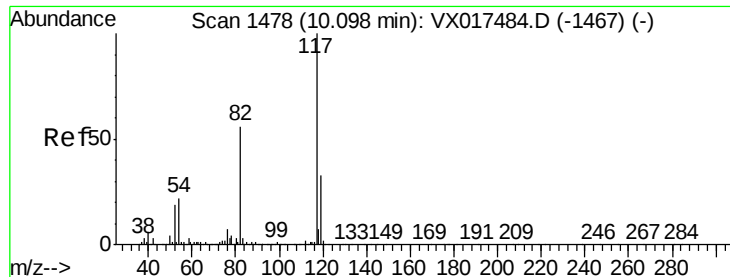
Ion Ratio Lower Upper

95 100

174 83.5 0.0 169.0

176 79.8 0.0 161.0

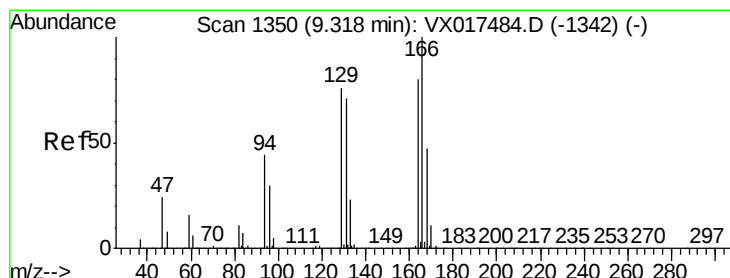
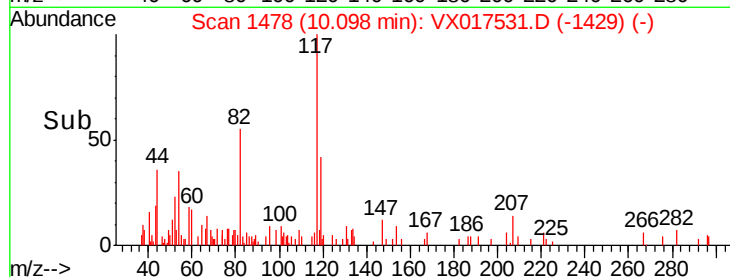
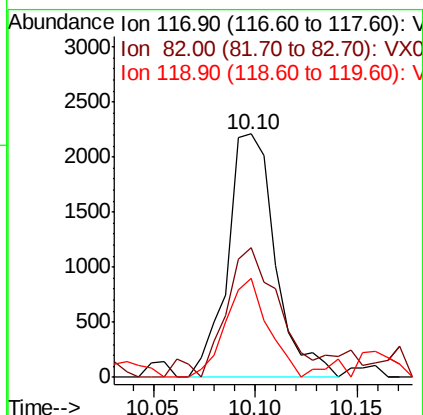
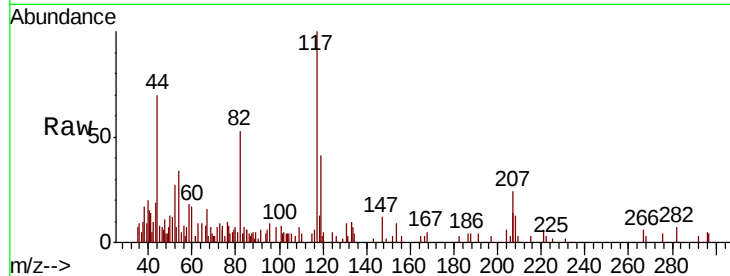




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

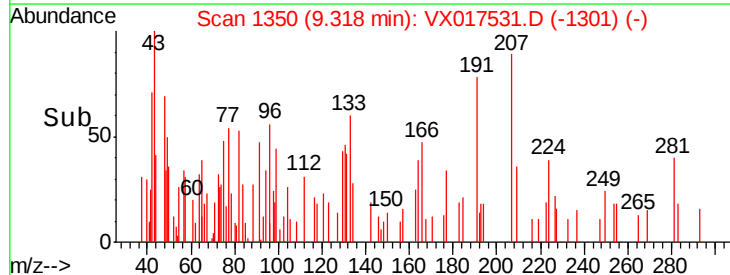
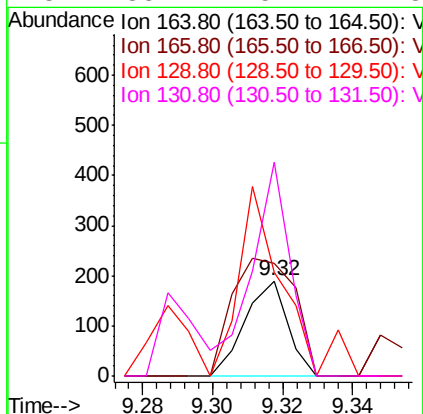
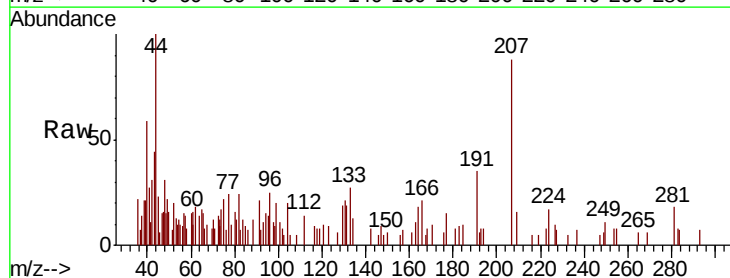
Instrument :
MSVOA_X
ClientSampleId :
BFB

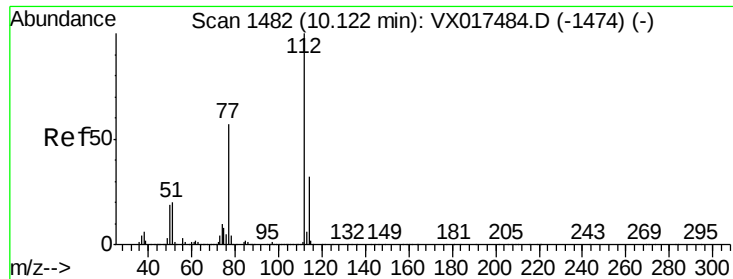
Tot Ion:117 Resp: 3582
Ion Ratio Lower Upper
117 100
82 47.6 44.0 66.0
119 40.5 25.4 38.0#



#64
Tetrachloroethene
Concen: 4.977 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion:164 Resp: 160
Ion Ratio Lower Upper
164 100
166 119.0 100.6 150.8
129 61.9 75.0 112.6#
131 185.7 75.2 112.8#

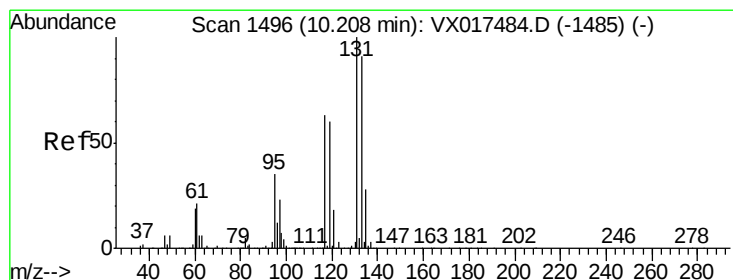
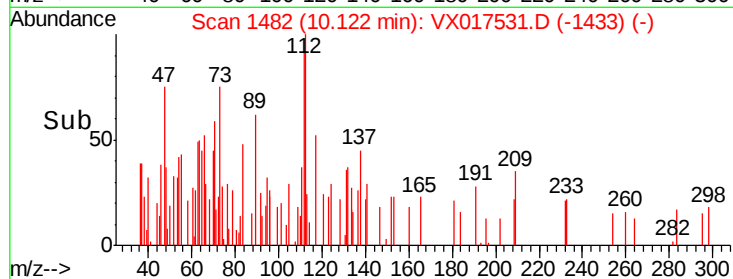
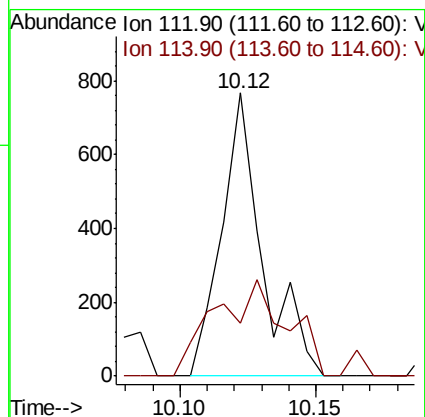
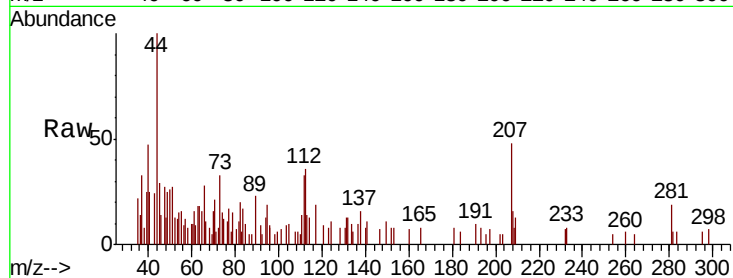




#65
Chlorobenzene
Concen: 10.344 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

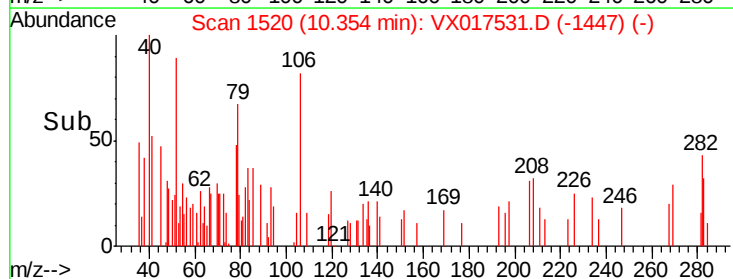
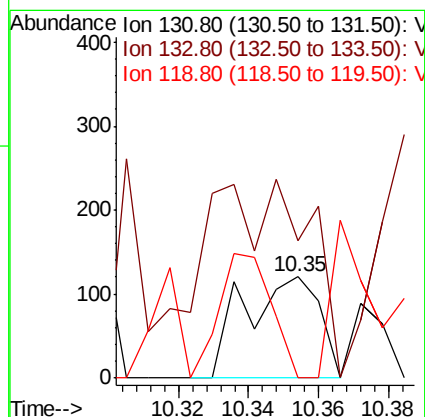
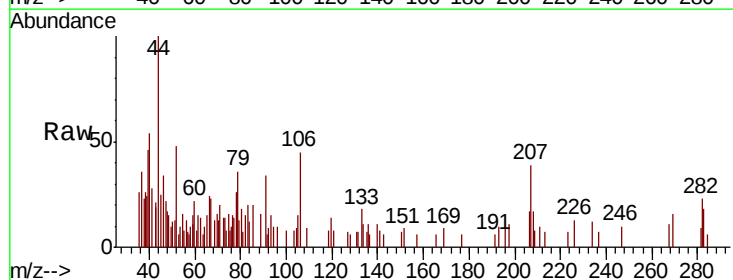
Instrument :
MSVOA_X
ClientSampleId :
BFB

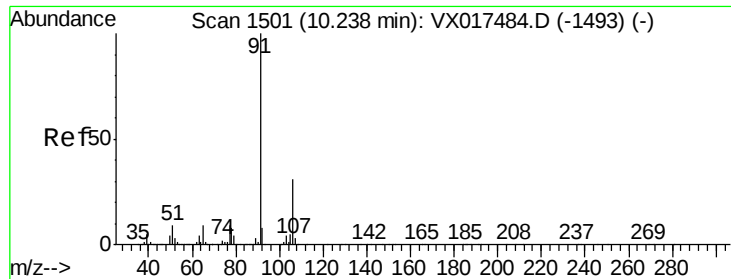
Tot Ion:112 Resp: 802
Ion Ratio Lower Upper
112 100
114 18.9 25.7 38.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 5.720 ug/l
RT: 10.35 min Scan# 1520
Delta R.T. 0.15 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion:131 Resp: 179
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.6
119 85.5 31.1 93.3

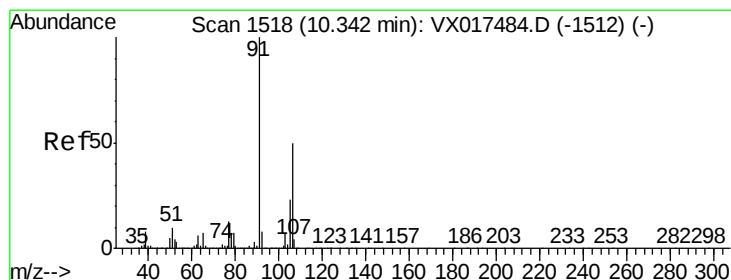
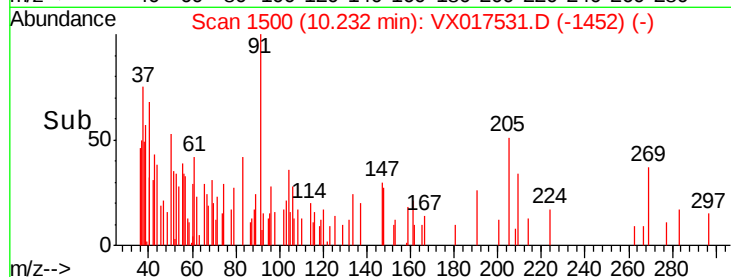
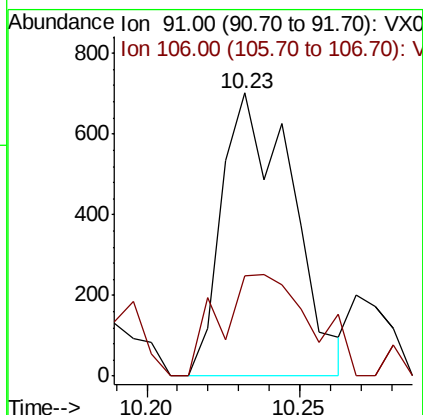
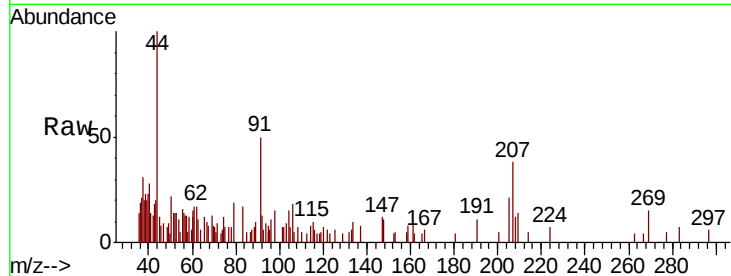




#67
Ethyl Benzene
Concen: 8.607 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

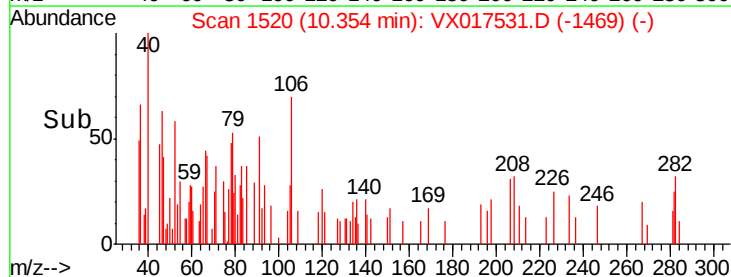
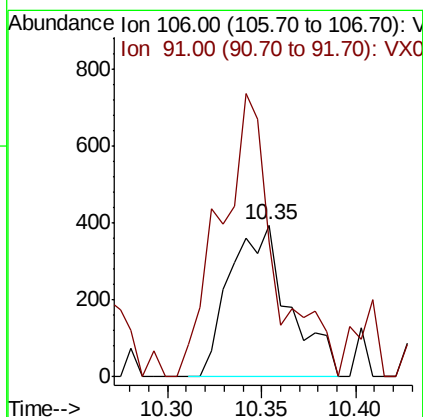
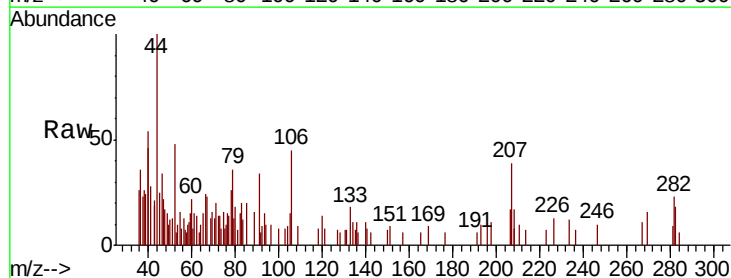
Instrument :
MSVOA_X
ClientSampled :
BFB

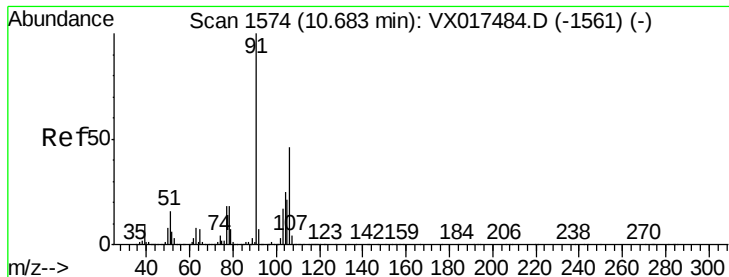
Tot Ion: 91 Resp: 1114
Ion Ratio Lower Upper
91 100
106 35.6 25.8 38.6



#68
m/p-Xylenes
Concen: 17.133 ug/l
RT: 10.35 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 106 Resp: 859
Ion Ratio Lower Upper
106 100
91 172.5 160.9 241.3





#69

o-Xylene

Concen: 10.825 ug/l

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

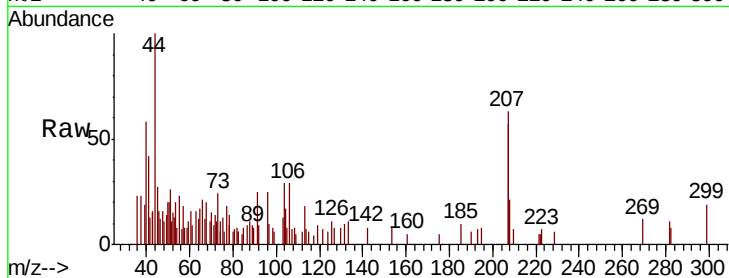
BFB

Tot Ion:106 Resp: 522

Ion Ratio Lower Upper

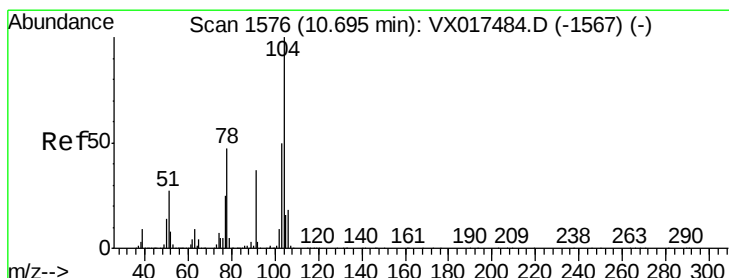
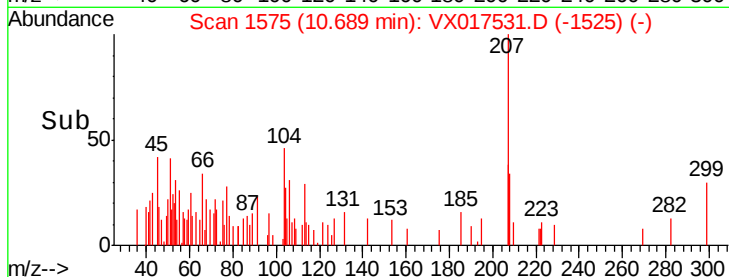
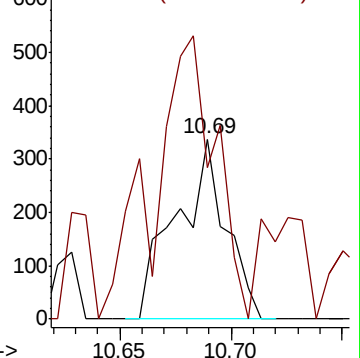
106 100

91 196.2 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 6.557 ug/l

RT: 10.69 min Scan# 1575

Delta R.T. -0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

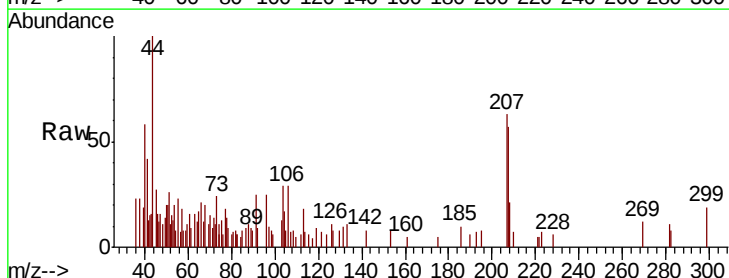
Tgt Ion:104 Resp: 538

Ion Ratio Lower Upper

104 100

78 85.9 42.5 63.7#

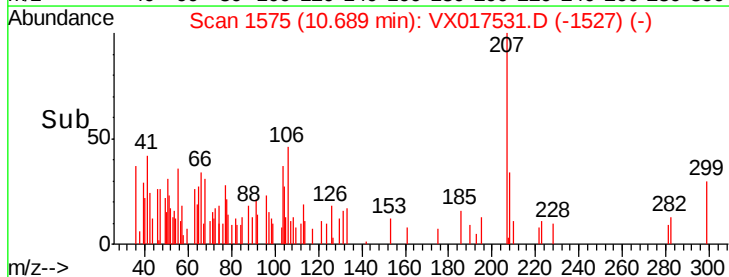
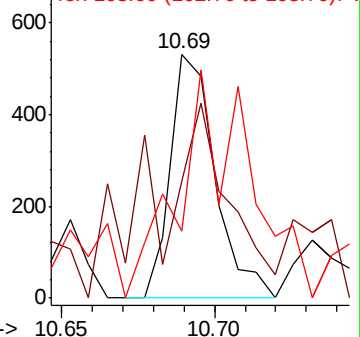
103 146.1 44.3 66.5#

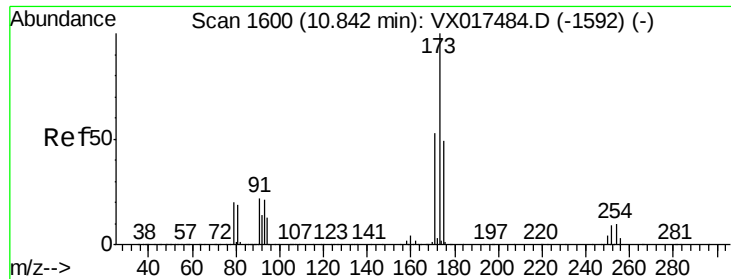


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

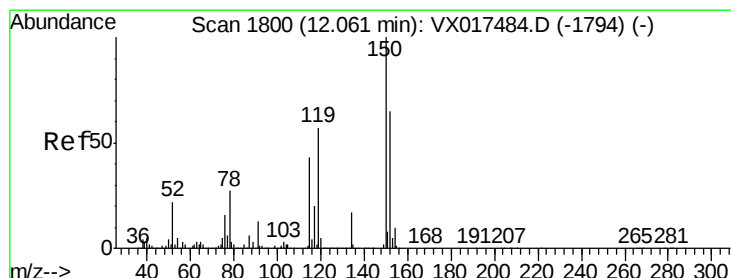
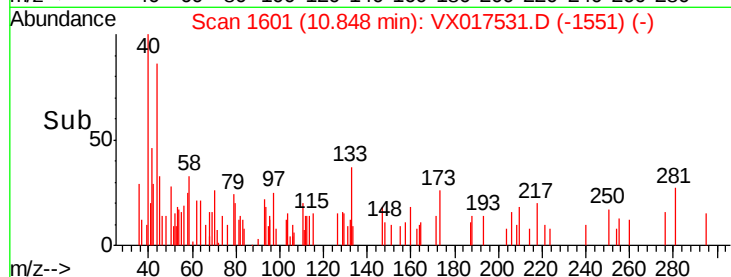
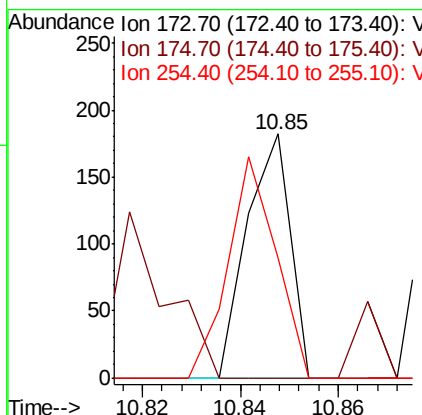
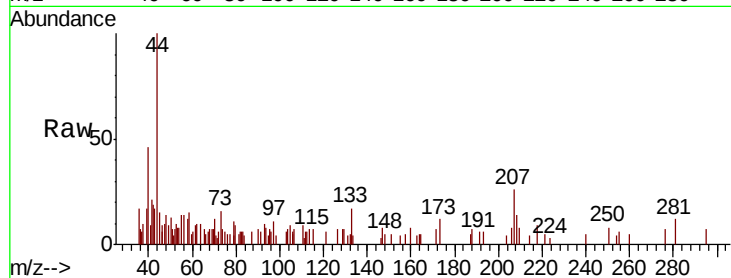




#71
Bromoform
Concen: 4.131 ug/l
RT: 10.85 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

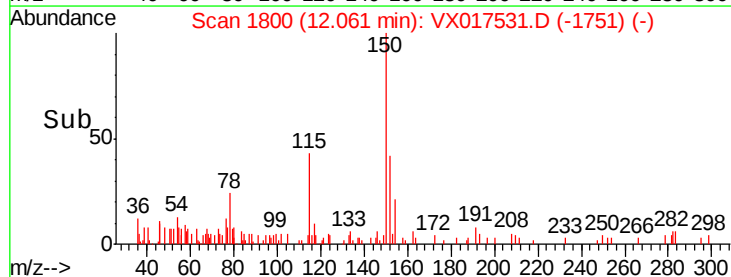
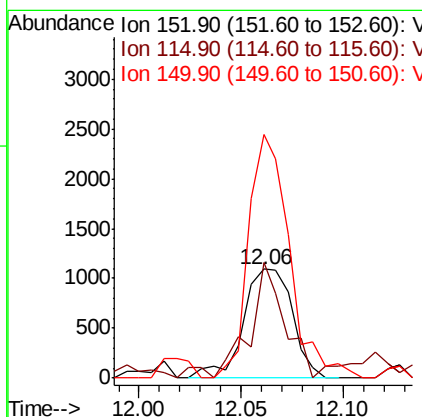
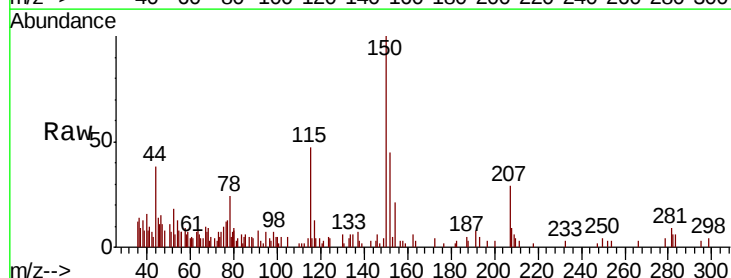
Instrument :
MSVOA_X
ClientSampled :
BFB

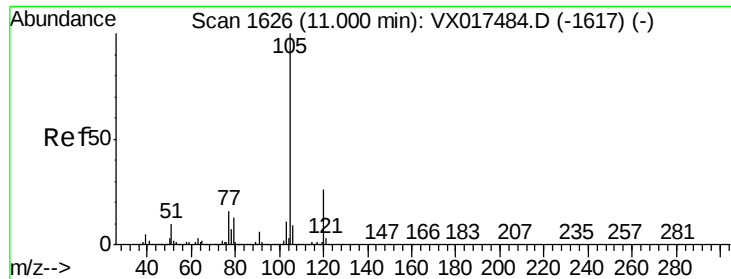
Tot Ion:173 Resp: 112
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 100.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion:152 Resp: 1823
Ion Ratio Lower Upper
152 100
115 81.1 65.5 196.6
150 187.3 0.0 412.6





#73

Isopropylbenzene

Concen: 4.246 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.12 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

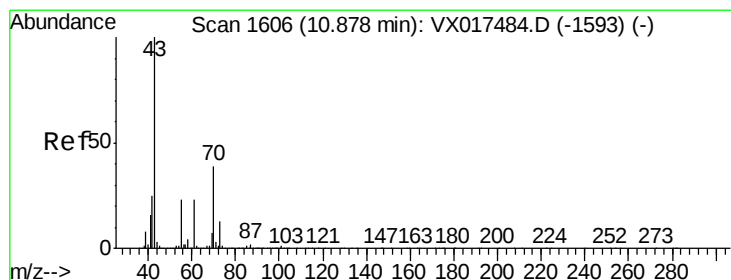
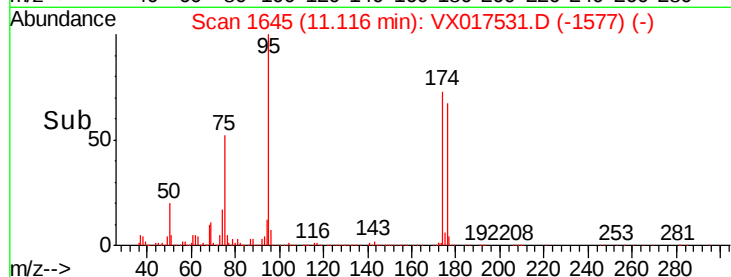
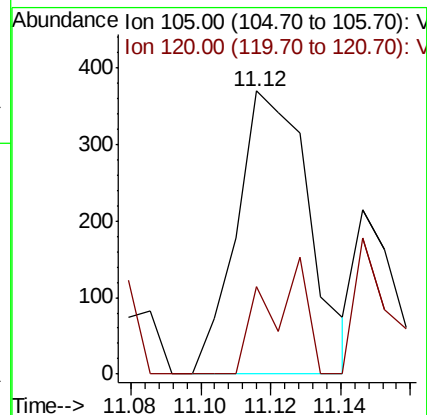
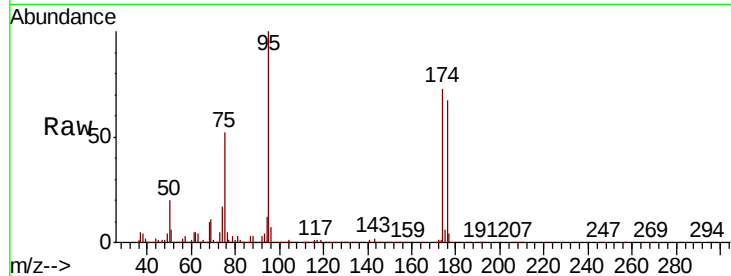
BFB

Tot Ion:105 Resp: 531

Ion Ratio Lower Upper

105 100

120 22.4 13.3 39.8



#74

N-ethyl acetate

Concen: 3.851 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Tgt Ion: 43 Resp: 214

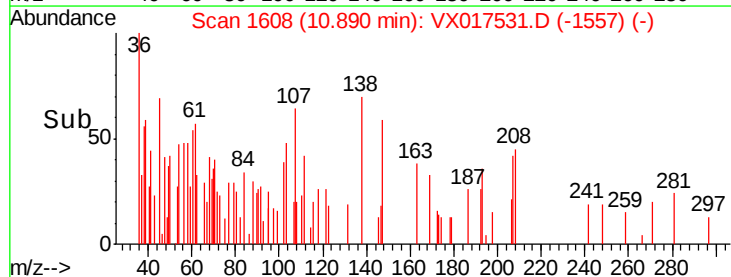
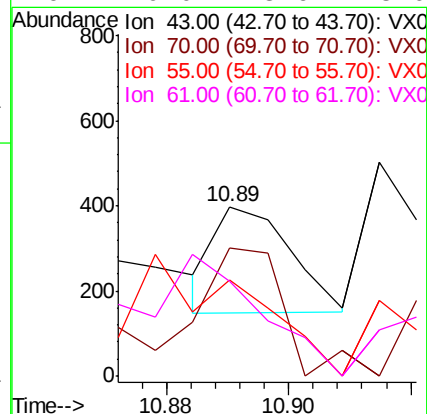
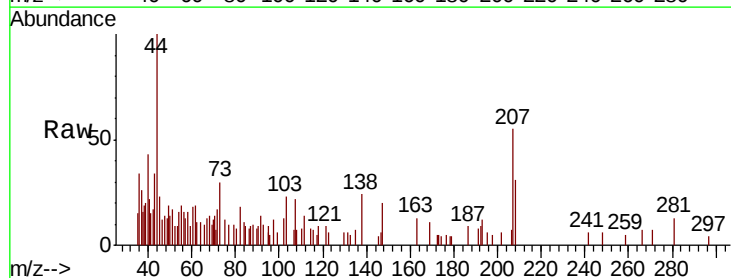
Ion Ratio Lower Upper

43 100

70 162.6 32.3 48.5#

55 201.9 18.4 27.6#

61 0.0 18.6 28.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 9.043 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

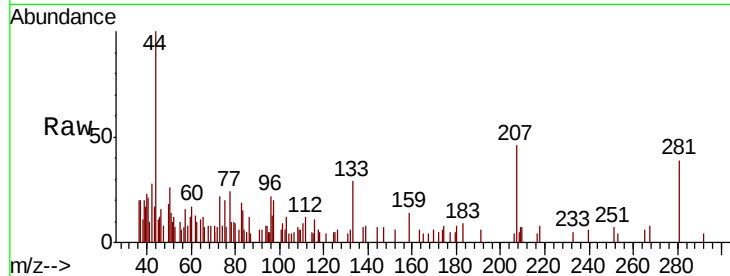
Tot Ion: 83 Resp: 353

Ion Ratio Lower Upper

83 100

131 22.9 5.5 16.5#

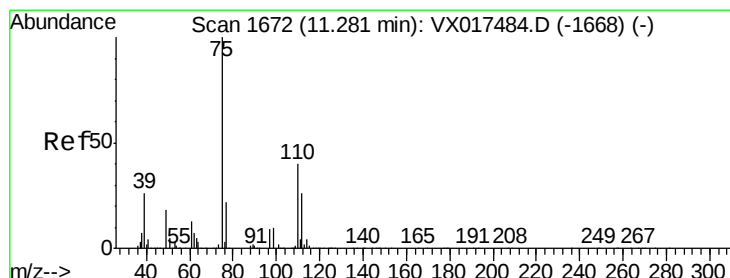
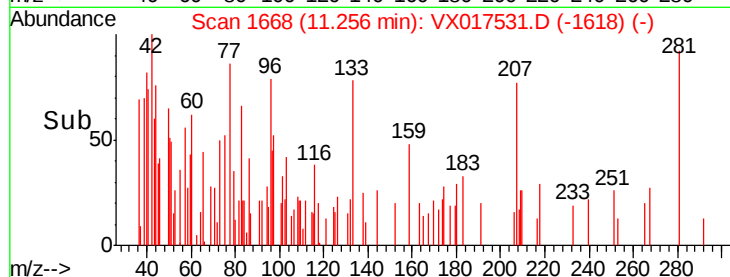
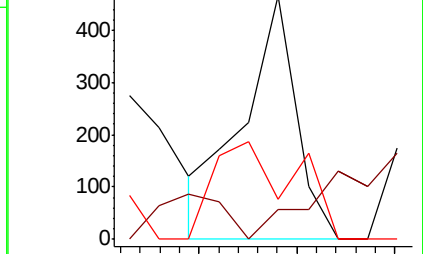
85 61.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2922.700 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017531.D

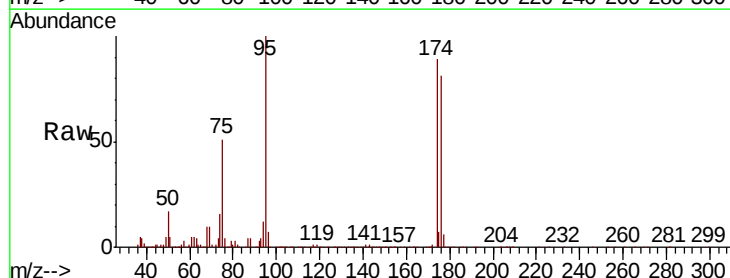
Acq: 24 Jul 2020 10:09

Tgt Ion: 75 Resp: 109601

Ion Ratio Lower Upper

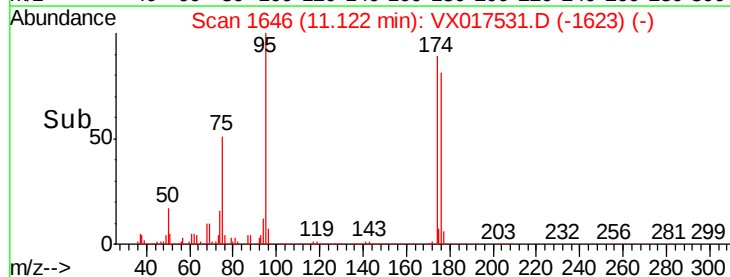
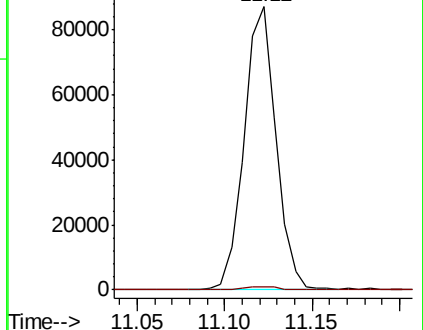
75 100

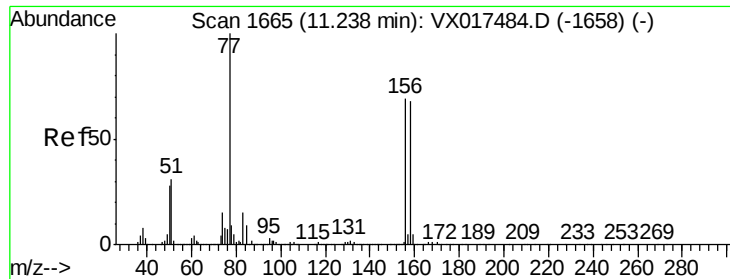
77 1.4 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.712 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

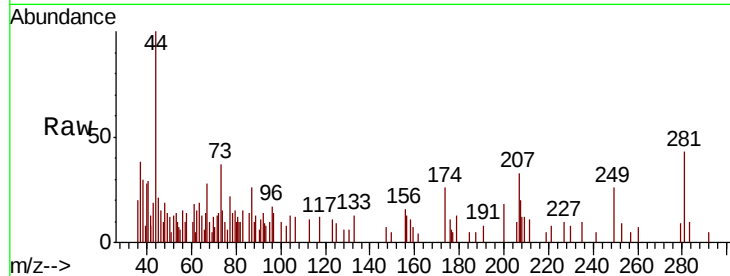
Tot Ion:156 Resp: 200

Ion Ratio Lower Upper

156 100

77 214.5 75.0 225.0

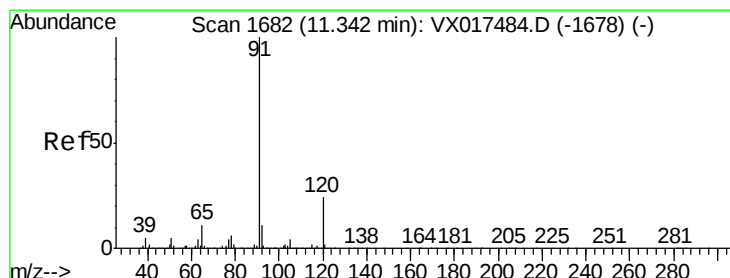
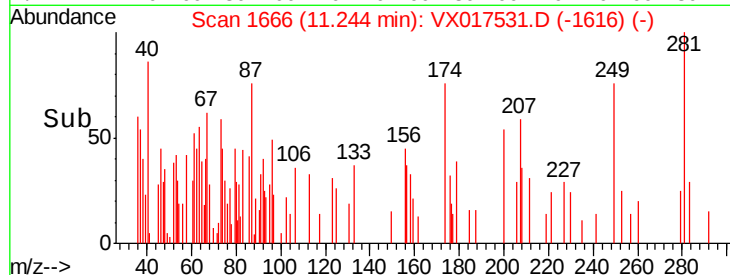
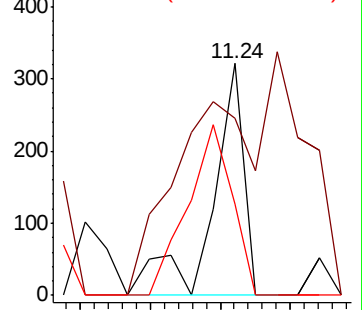
158 105.0 49.1 147.3



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: 3.857 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017531.D

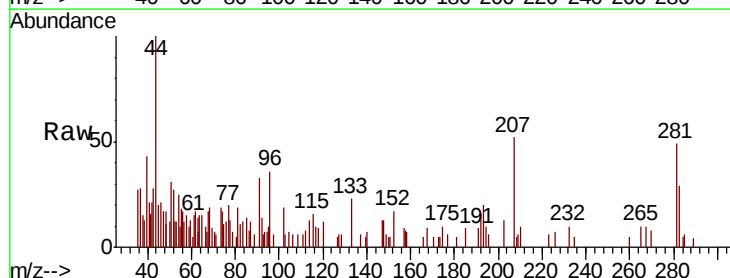
Acq: 24 Jul 2020 10:09

Tgt Ion: 91 Resp: 544

Ion Ratio Lower Upper

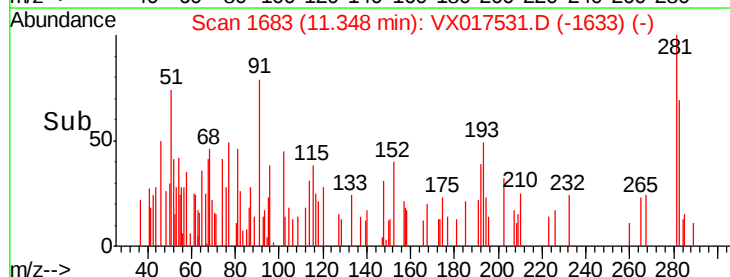
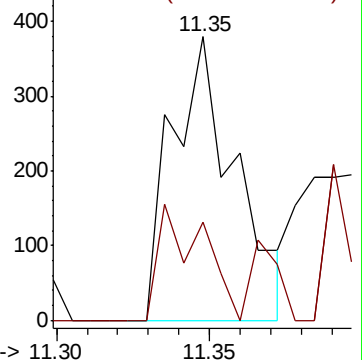
91 100

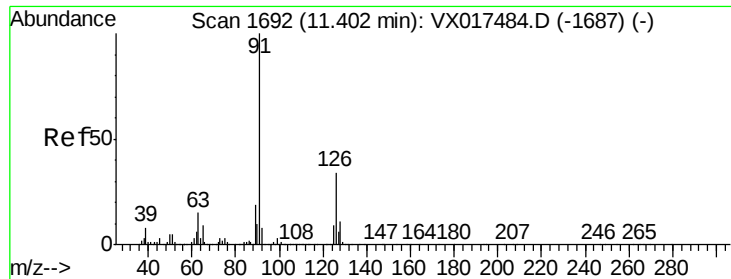
120 28.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

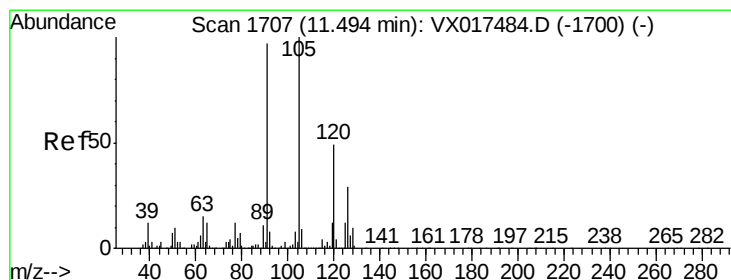
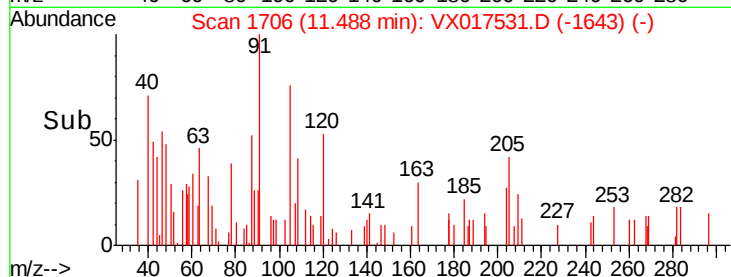
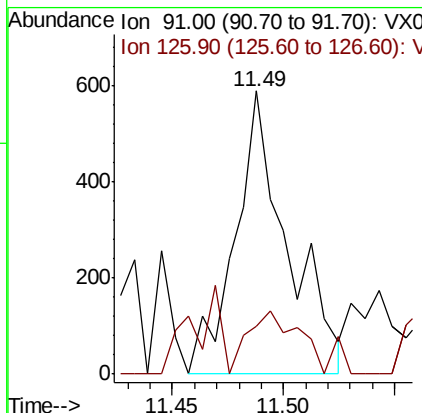
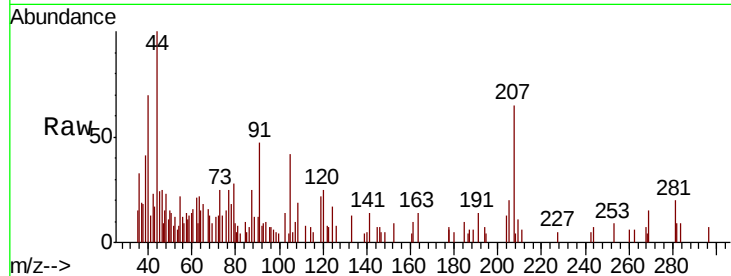




#79
 2-Chlorotoluene
 Concen: 11.010 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.09 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

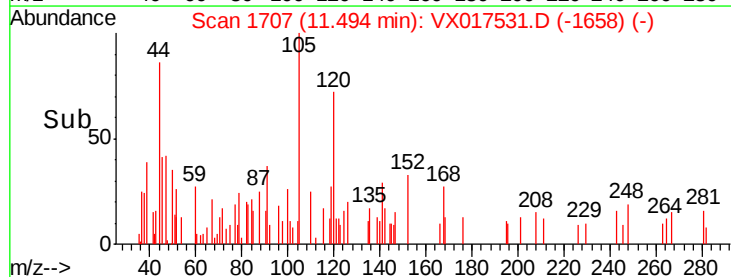
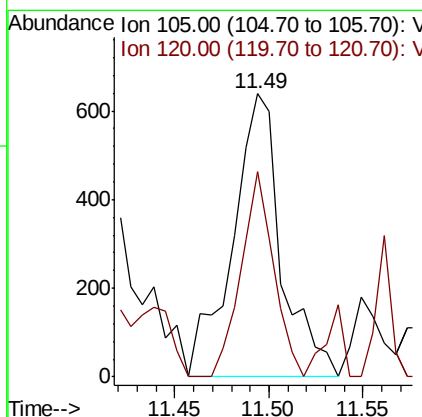
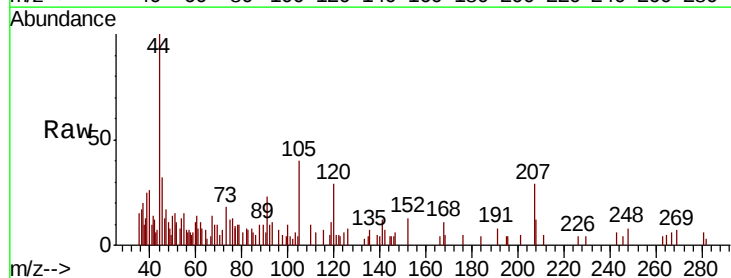
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

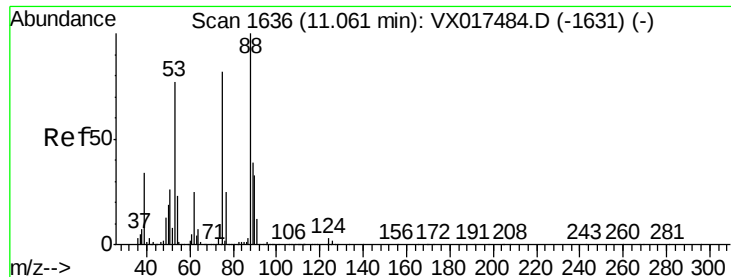
Tot Ion: 91 Resp: 962
 Ion Ratio Lower Upper
 91 100
 126 24.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 10.761 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion: 105 Resp: 1149
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 7364.549 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

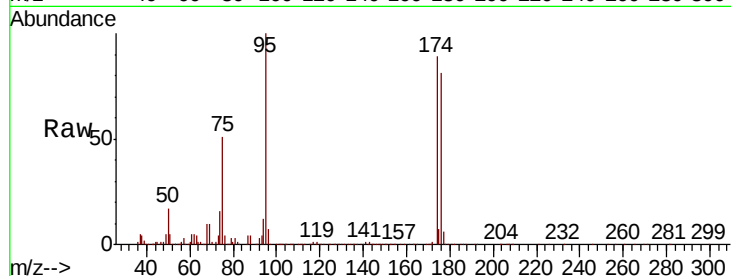
Tot Ion: 75 Resp: 109601

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

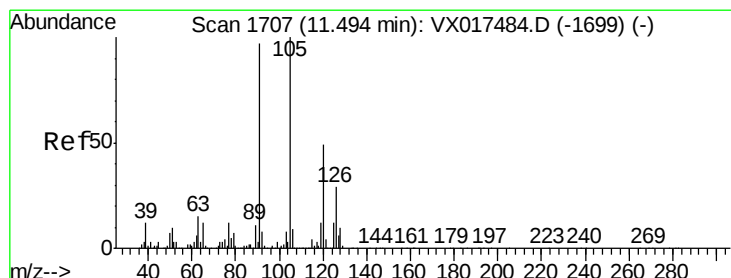
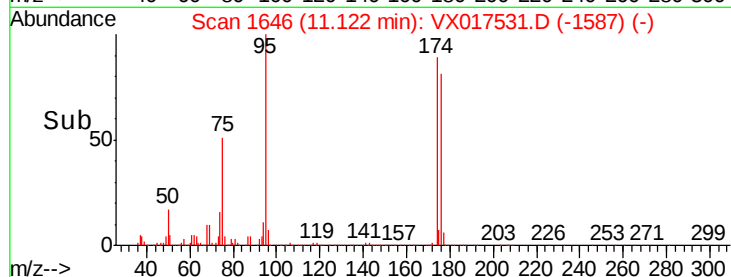
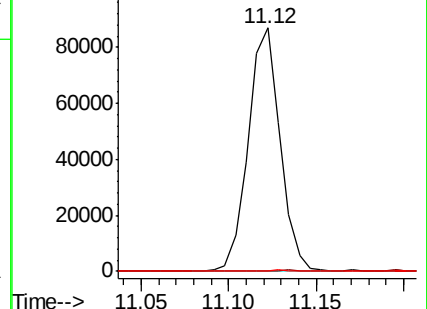
89 0.3 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 9.334 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017531.D

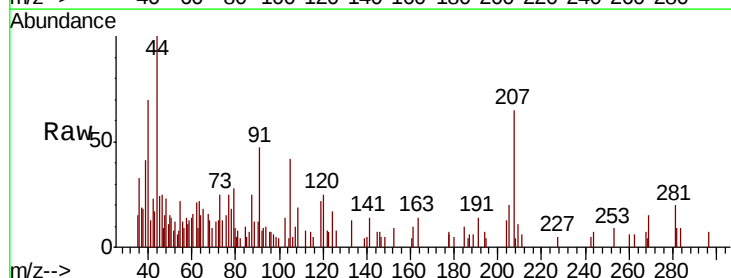
Acq: 24 Jul 2020 10:09

Tgt Ion: 91 Resp: 962

Ion Ratio Lower Upper

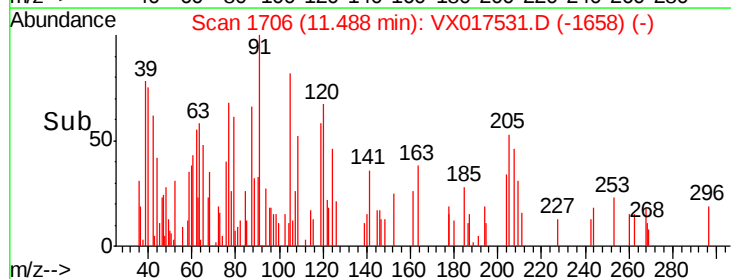
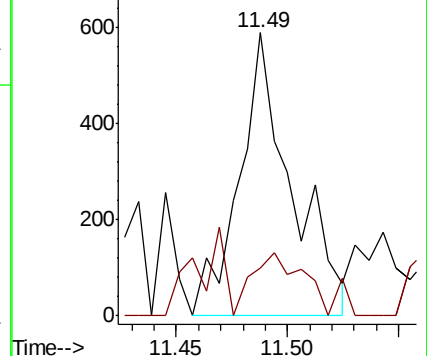
91 100

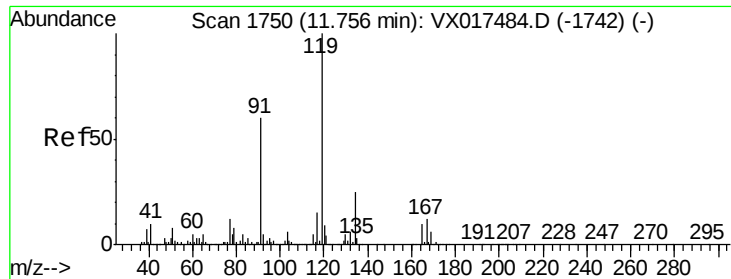
126 24.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.742 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

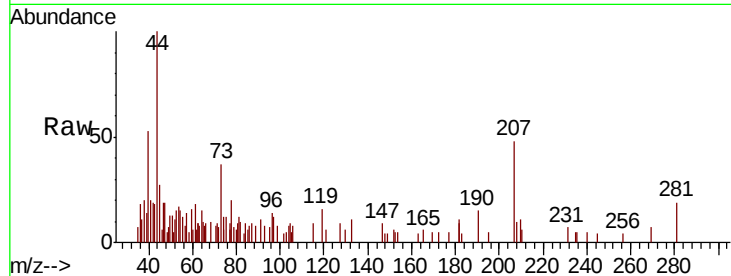
Tot Ion:119 Resp: 178

Ion Ratio Lower Upper

119 100

91 103.4 29.3 88.0#

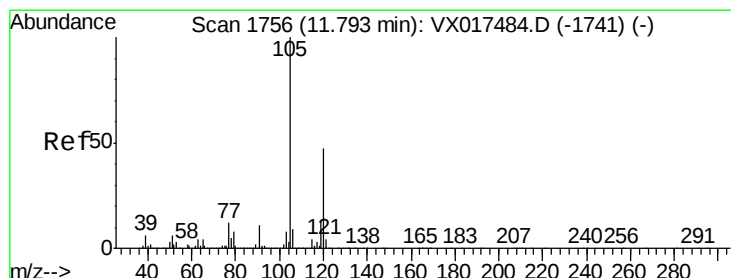
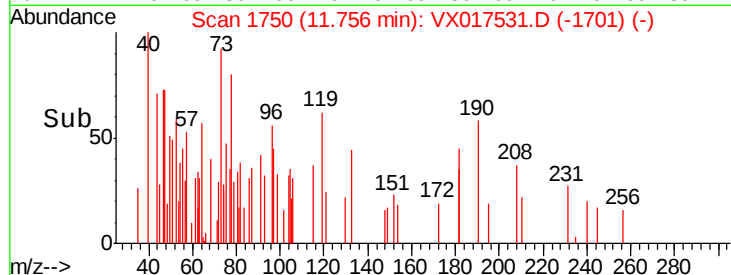
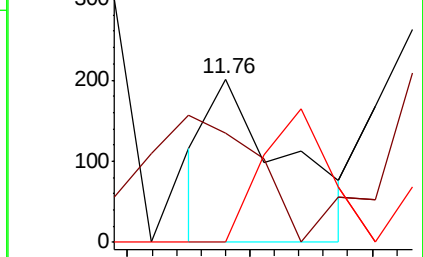
134 84.3 11.2 33.6#



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: 12.580 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017531.D

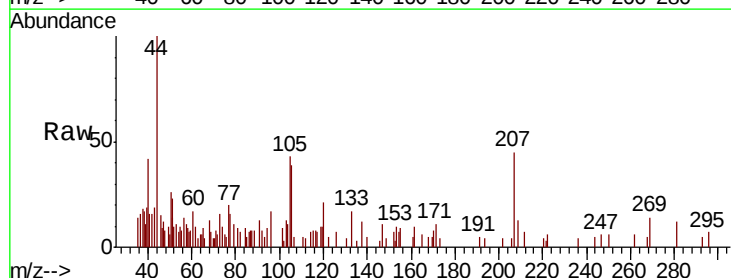
Acq: 24 Jul 2020 10:09

Tgt Ion:105 Resp: 1336

Ion Ratio Lower Upper

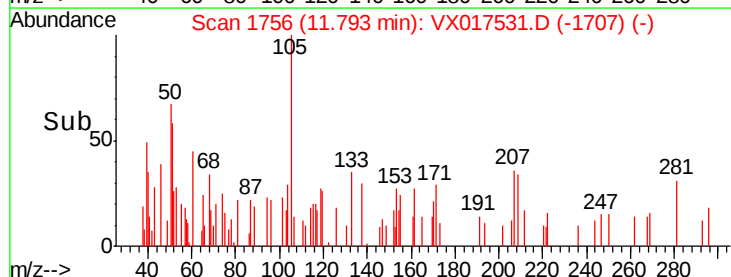
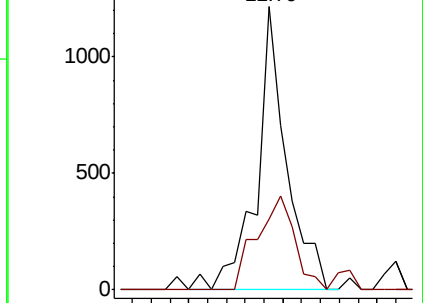
105 100

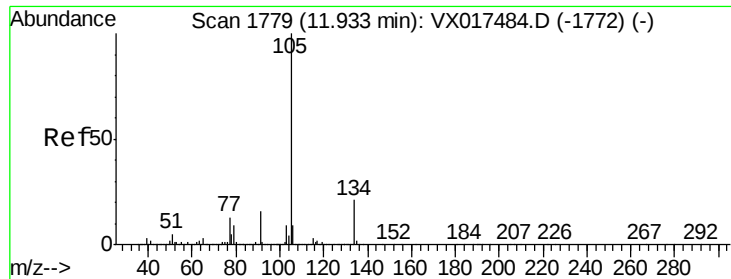
120 42.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.597 ug/l

RT: 11.86 min Scan# 1767

Delta R.T. -0.07 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

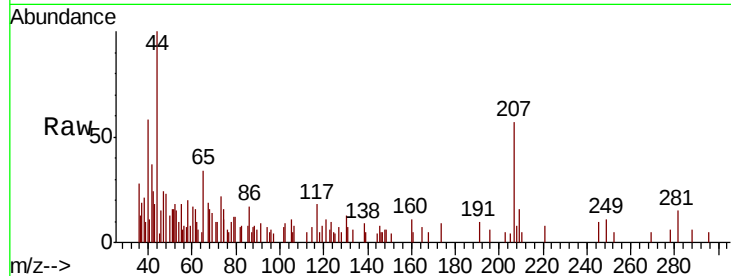
BFB

Tot Ion:105 Resp: 71

Ion Ratio Lower Upper

105 100

134 28.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

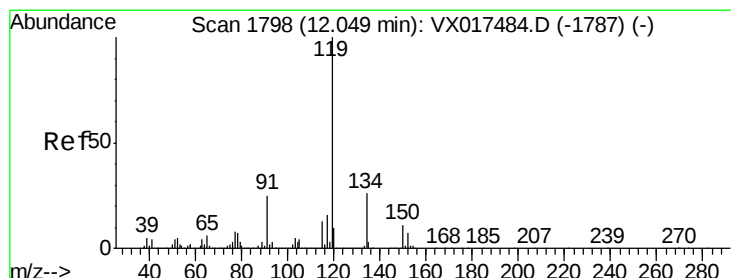
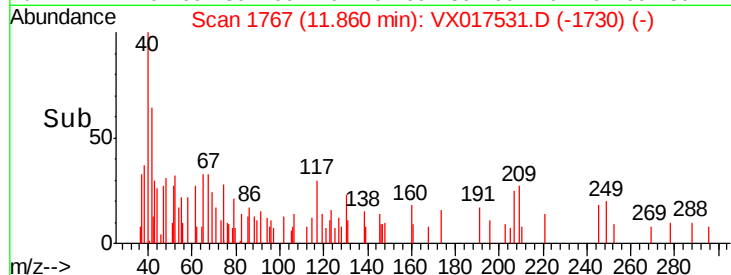
11.86

100

50

0

Time-->



#86

p-Isopropyltoluene

Concen: 5.099 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

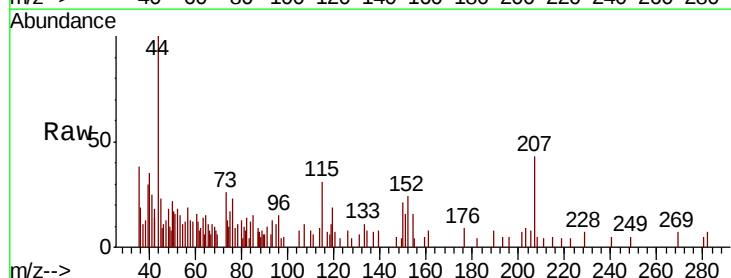
Tgt Ion:119 Resp: 578

Ion Ratio Lower Upper

119 100

134 14.0 13.1 39.3

91 49.8 12.1 36.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

500

400

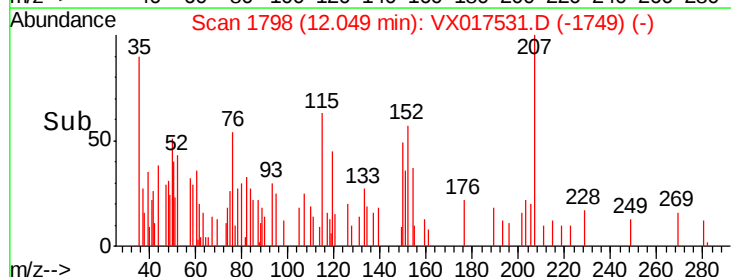
300

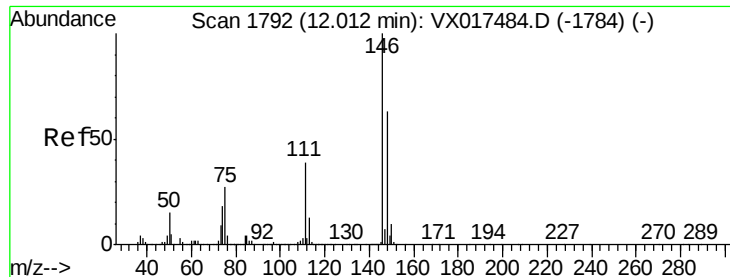
200

100

0

Time-->

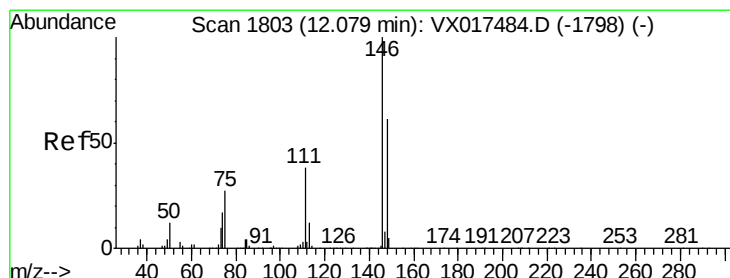
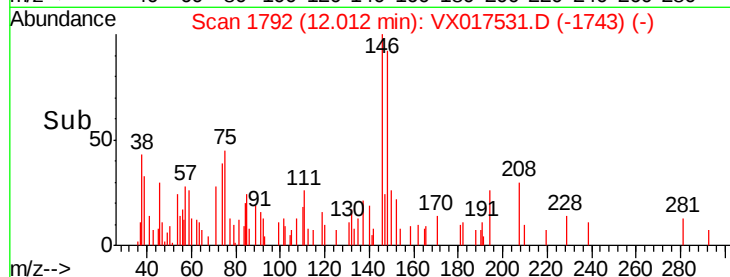
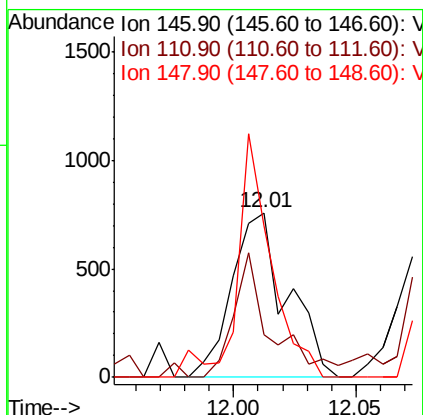
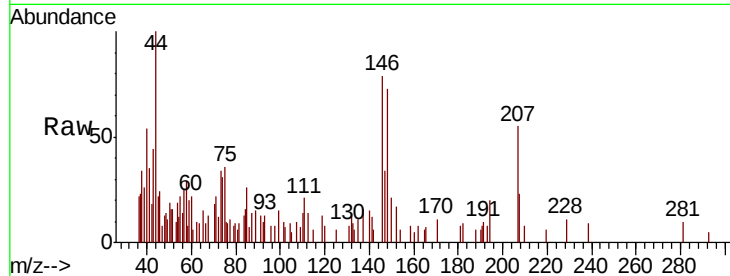




#87
 1,3-Dichlorobenzene
 Concen: 19.660 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

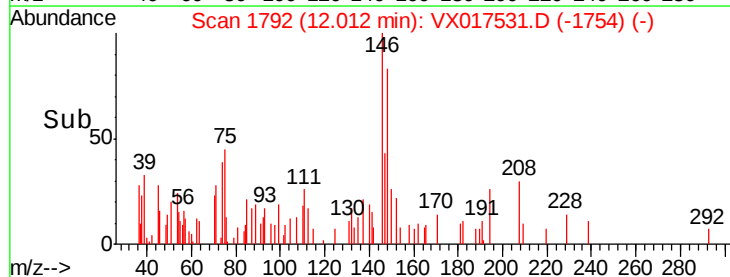
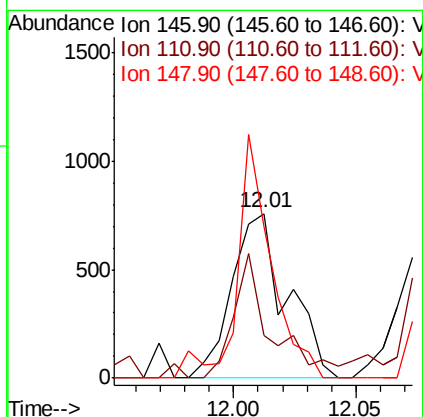
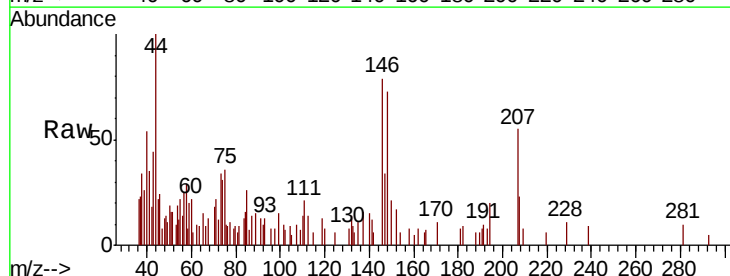
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

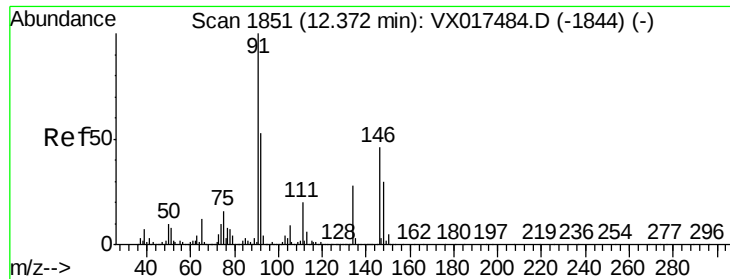
Tot Ion:146 Resp: 1182
 Ion Ratio Lower Upper
 146 100
 111 51.9 19.9 59.7
 148 90.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.980 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion:146 Resp: 1182
 Ion Ratio Lower Upper
 146 100
 111 51.9 19.3 57.8
 148 90.7 32.2 96.6

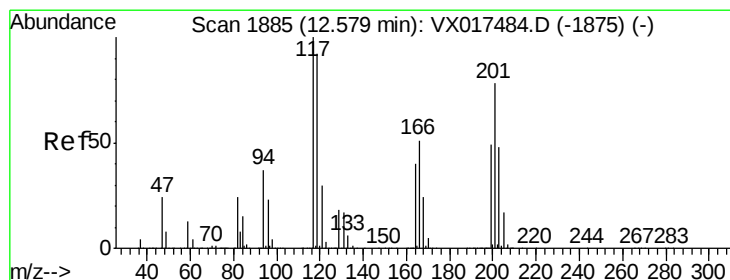
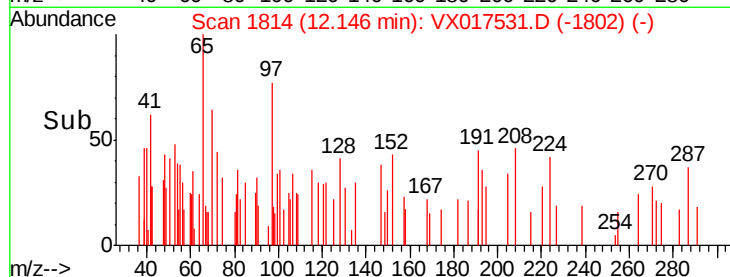
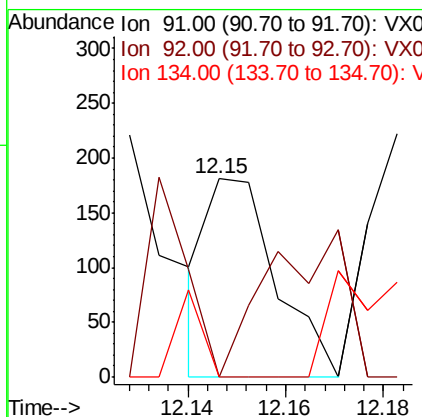
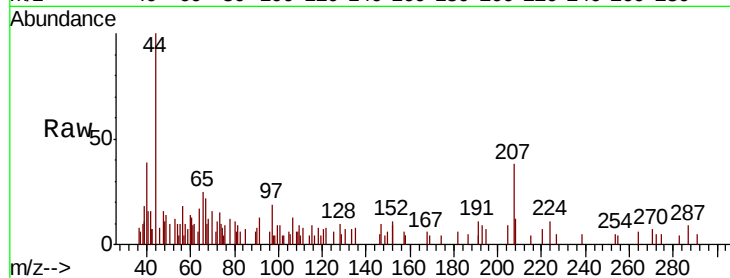




#89
n-Butylbenzene
Concen: 1.753 ug/l
RT: 12.15 min Scan# 1814
Delta R.T. -0.23 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

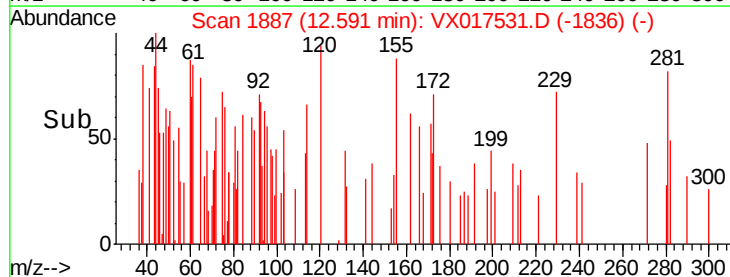
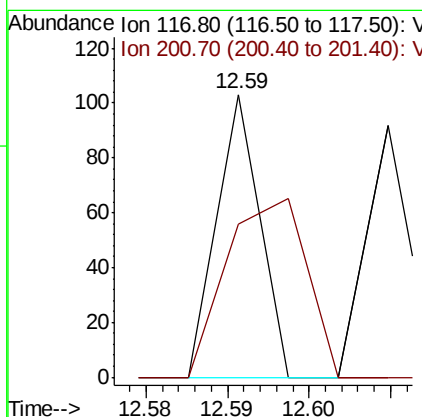
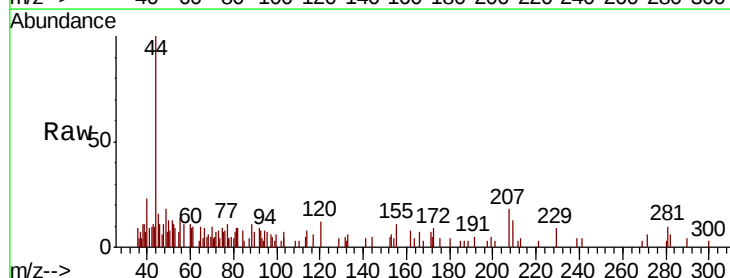
Instrument :
MSVOA_X
ClientSampled :
BFB

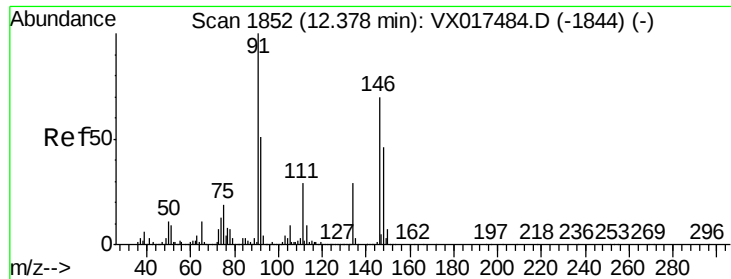
Tot Ion: 91 Resp: 177
Ion Ratio Lower Upper
91 100
92 58.2 26.7 80.1
134 16.4 13.6 40.7



#90
Hexachloroethane
Concen: 1.701 ug/l
RT: 12.59 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX017531.D
Acq: 24 Jul 2020 10:09

Tgt Ion: 117 Resp: 38
Ion Ratio Lower Upper
117 100
201 115.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.499 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

BFB

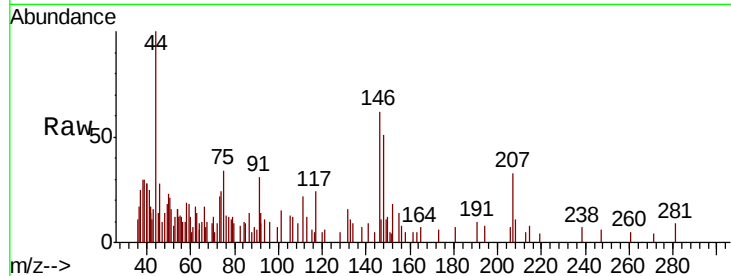
Tot Ion:146 Resp: 1034

Ion Ratio Lower Upper

146 100

111 50.1 20.9 62.8

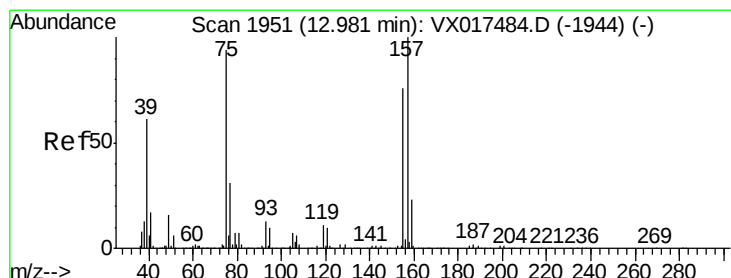
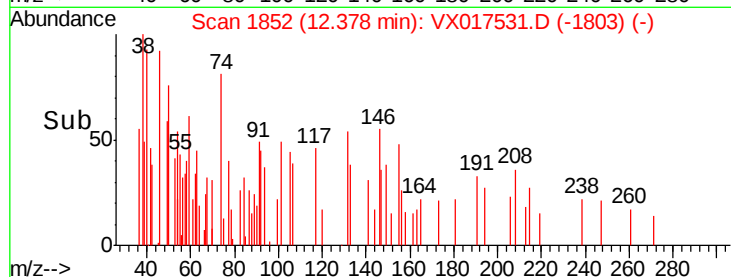
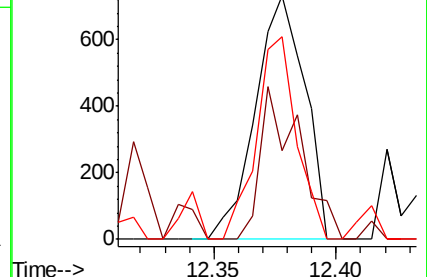
148 68.0 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.934 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

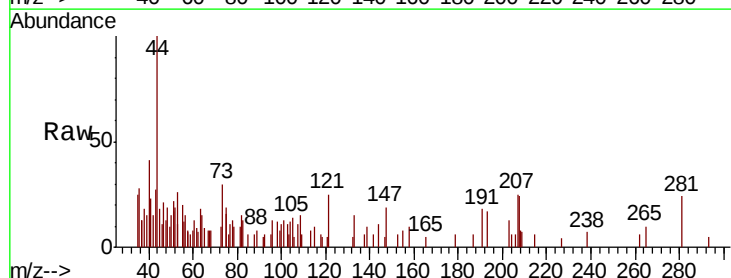
Tgt Ion: 75 Resp: 493

Ion Ratio Lower Upper

75 100

155 22.5 42.3 126.8#

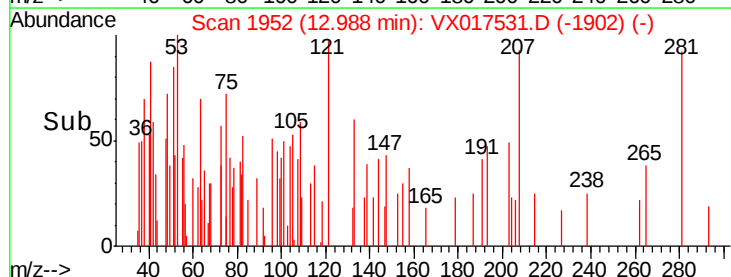
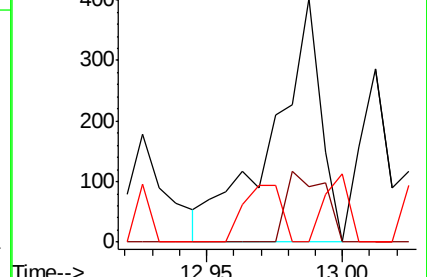
157 18.5 54.3 162.9#

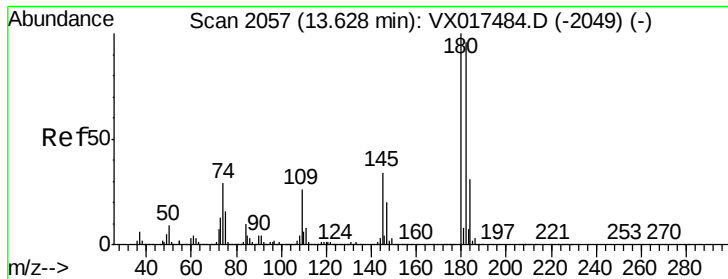


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

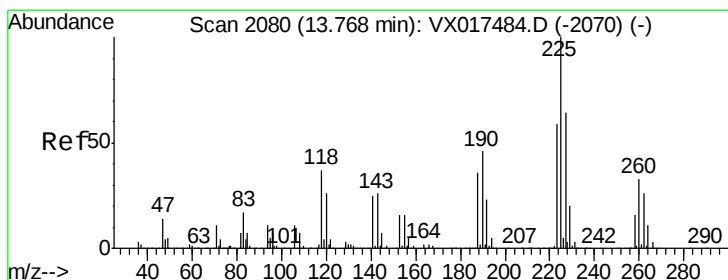
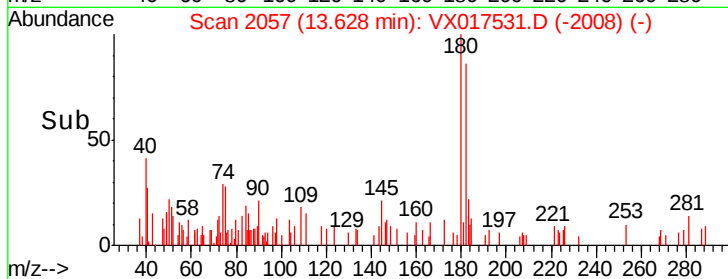
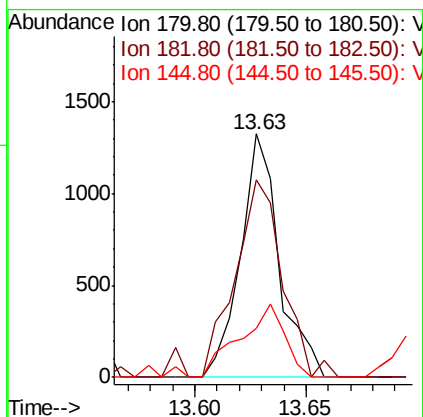
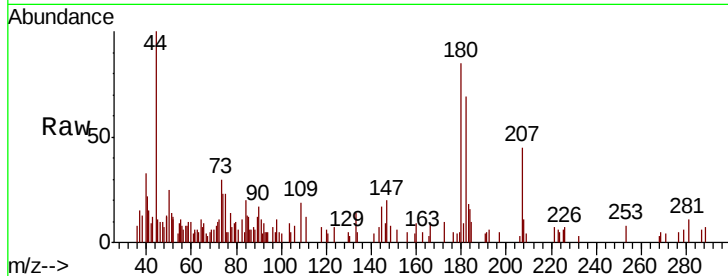




#93
 1,2,4-Trichlorobenzene
 Concen: 39.823 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

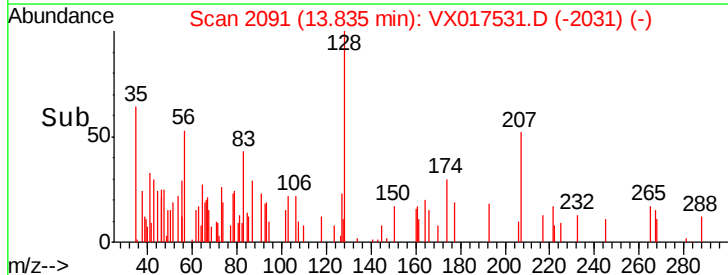
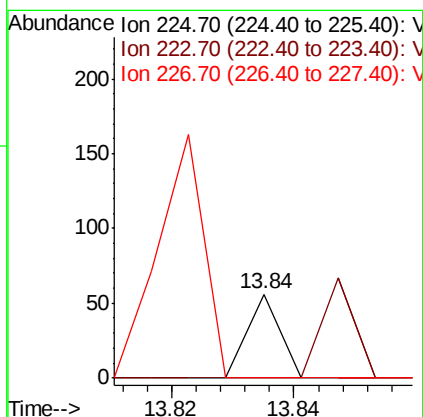
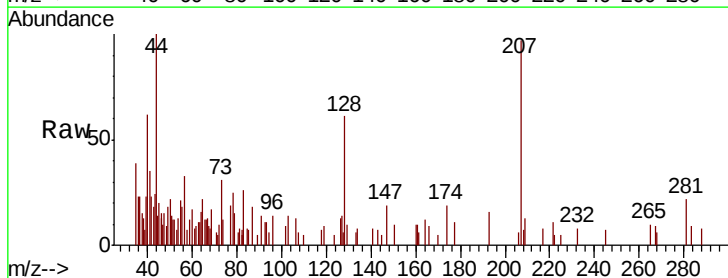
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

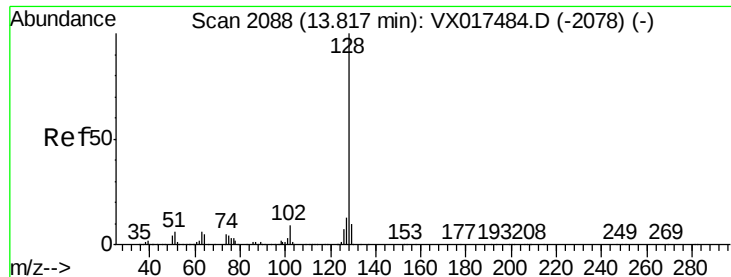
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.5	142.6
145	34.6	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 1.077 ug/l
 RT: 13.84 min Scan# 2091
 Delta R.T. 0.07 min
 Lab File: VX017531.D
 Acq: 24 Jul 2020 10:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	125.0	30.3	90.9#
227	0.0	31.1	93.2#





#95

Naphthalene

Concen: 31.814 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

BFB

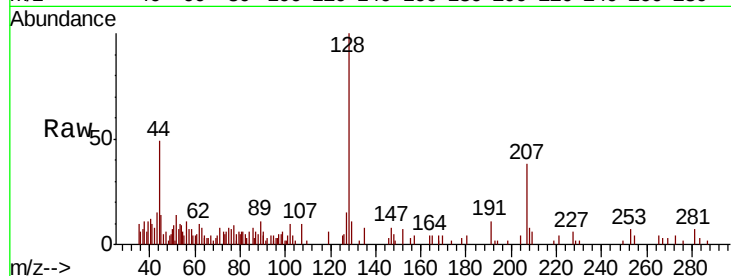
Tot Ion:128 Resp: 3830

Ion Ratio Lower Upper

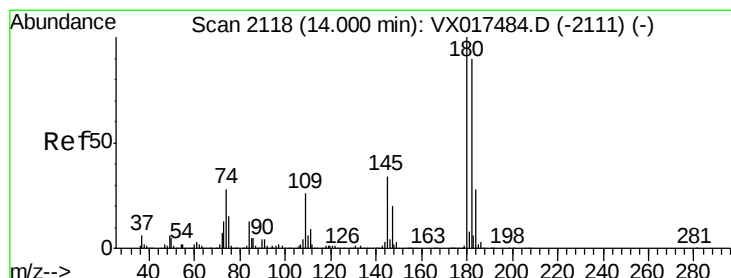
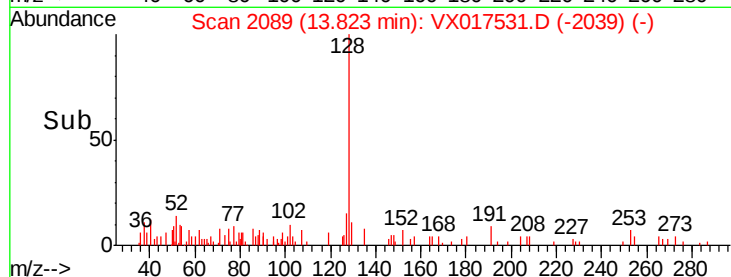
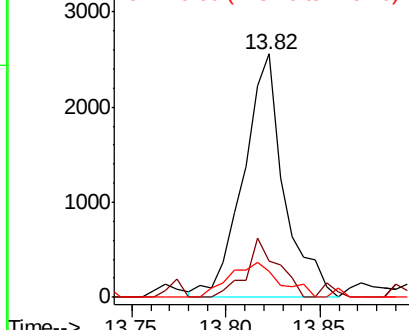
128 100

127 18.8 10.4 15.6#

129 17.4 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: 49.322 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017531.D

Acq: 24 Jul 2020 10:09

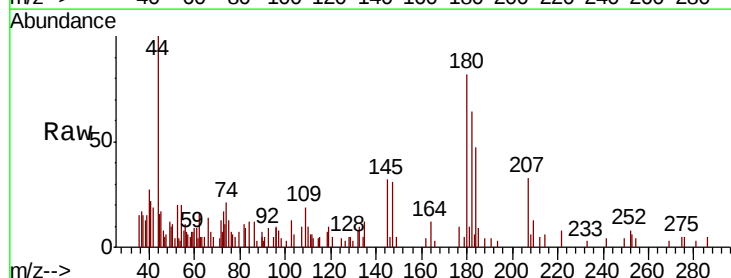
Tgt Ion:180 Resp: 1964

Ion Ratio Lower Upper

180 100

182 82.8 47.4 142.3

145 47.0 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

