

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
 Data File : VX018429.D
 Acq On : 16 Sep 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

Quant Time: Sep 16 15:08:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	414487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	628564	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	594792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	335693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	279081	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	216844	50.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	8.70	98	743864	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	316005	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	229979	45.572	ug/l	98
3) Chloromethane	1.31	50	218922	41.148	ug/l	97
4) Vinyl Chloride	1.39	62	232996	43.993	ug/l	100
5) Bromomethane	1.62	94	151213	59.194	ug/l	97
6) Chloroethane	1.71	64	139760	49.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	403657	55.895	ug/l	92
8) Diethyl Ether	2.17	74	126701	51.733	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	207003	53.020	ug/l	96
10) Methyl Iodide	2.49	142	228857	54.281	ug/l	97
11) Tert butyl alcohol	3.01	59	255385	228.264	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186409	46.021	ug/l	95
13) Acrolein	2.27	56	115474	248.916	ug/l	98
14) Allyl chloride	2.71	41	363158	49.902	ug/l	96
15) Acrylonitrile	3.11	53	585838	230.836	ug/l	99
16) Acetone	2.42	43	591015	263.591	ug/l	95
17) Carbon Disulfide	2.55	76	502162	41.010	ug/l	98
18) Methyl Acetate	2.75	43	317022	58.593	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	735362	52.936	ug/l	99
20) Methylene Chloride	2.83	84	227031	49.510	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	217156	48.389	ug/l	99
22) Diisopropyl ether	3.82	45	735363	51.197	ug/l	89
23) Vinyl Acetate	3.78	43	3132049	245.063	ug/l	98
24) 1,1-Dichloroethane	3.67	63	413272	50.545	ug/l	98
25) 2-Butanone	4.63	43	861617	233.823	ug/l	96
26) 2,2-Dichloropropane	4.55	77	400788	60.246	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	249989	48.348	ug/l	99
28) Bromochloromethane	4.98	49	178780	45.300	ug/l	99
29) Tetrahydrofuran	5.08	42	520203	221.765	ug/l	99
30) Chloroform	5.17	83	440882	52.076	ug/l	99
31) Cyclohexane	5.54	56	321198	46.636	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	408878	52.628	ug/l	99
36) 1,1-Dichloropropene	5.76	75	313167	54.017	ug/l	99
37) Ethyl Acetate	4.78	43	322313	47.867	ug/l	97
38) Carbon Tetrachloride	5.74	117	384072	58.784	ug/l	99

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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	7.43	83	336046	53.009	ug/l	99
40) Benzene	6.11	78	875066	51.367	ug/l	99
41) Methacrylonitrile	5.00	41	177946	48.130	ug/l	96
42) 1,2-Dichloroethane	6.15	62	373112	57.165	ug/l	98
43) Isopropyl Acetate	6.41	43	533306	49.036	ug/l	99
44) Trichloroethene	7.18	130	252786	52.516	ug/l	100
45) 1,2-Dichloropropane	7.48	63	238240	51.889	ug/l	94
46) Dibromomethane	7.63	93	168804	52.282	ug/l	99
47) Bromodichloromethane	7.87	83	359365	55.744	ug/l	98
48) Methyl methacrylate	7.74	41	270908	50.038	ug/l	99
49) 1,4-Dioxane	7.71	88	99239	1011.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1663900	247.674	ug/l	100
52) Toluene	8.76	92	565859	52.384	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	396637	55.513	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	412574	54.509	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241391	52.396	ug/l	97
56) Ethyl methacrylate	9.16	69	355857	51.959	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400028	52.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	912283	296.107	ug/l	98
59) 2-Hexanone	9.47	43	1323530	259.092	ug/l	98
60) Dibromochloromethane	9.56	129	301208	55.733	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258615	51.706	ug/l	99
64) Tetrachloroethene	9.32	164	245394	56.143	ug/l	92
65) Chlorobenzene	10.12	112	647344	54.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264898	56.577	ug/l	99
67) Ethyl Benzene	10.23	91	1113929	55.140	ug/l	99
68) m/p-Xylenes	10.34	106	846199	112.224	ug/l	96
69) o-Xylene	10.68	106	404900	55.394	ug/l	98
70) Styrene	10.70	104	717932	57.675	ug/l	99
71) Bromoform	10.84	173	230411	57.695	ug/l #	98
73) Isopropylbenzene	11.00	105	1133745	51.202	ug/l	99
74) N-amyl acetate	10.88	43	485094	46.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360783	46.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	453727	60.759	ug/l	82
77) Bromobenzene	11.24	156	302211	49.375	ug/l	98
78) n-propylbenzene	11.34	91	1340887	53.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	797229	51.324	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	989897	54.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	133447	48.264	ug/l	96
82) 4-Chlorotoluene	11.49	91	973390	52.713	ug/l	99
83) tert-Butylbenzene	11.76	119	960681	53.499	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016903	54.663	ug/l	99
85) sec-Butylbenzene	11.93	105	1144453	56.044	ug/l	100
86) p-Isopropyltoluene	12.05	119	1089341	58.075	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546591	50.864	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	553296	51.423	ug/l	98
89) n-Butylbenzene	12.37	91	984175	57.486	ug/l	99
90) Hexachloroethane	12.58	117	209292	56.712	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	530872	52.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90646	46.412	ug/l	94

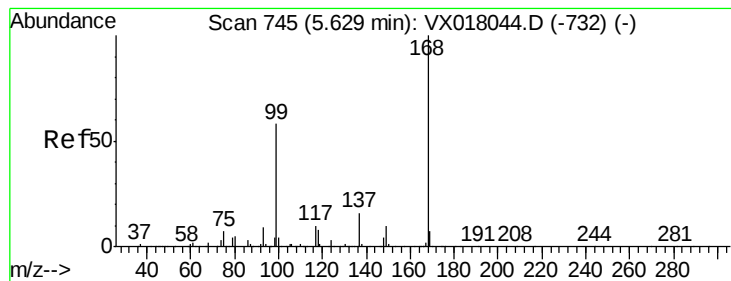
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	367747	54.518	ug/l	98
94) Hexachlorobutadiene	13.76	225	157193	59.082	ug/l	95
95) Naphthalene	13.82	128	1120490	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353632	53.057	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

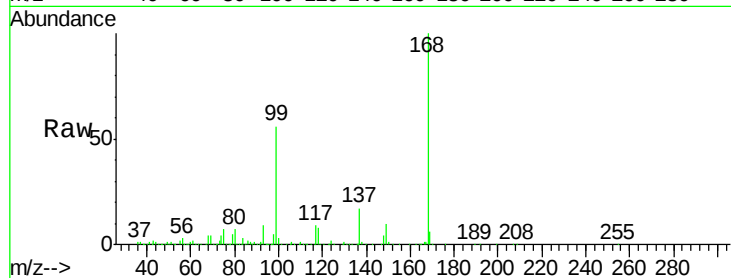
BFB25

Tgt Ion:168 Resp: 414487

Ion Ratio Lower Upper

168 100

99 55.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

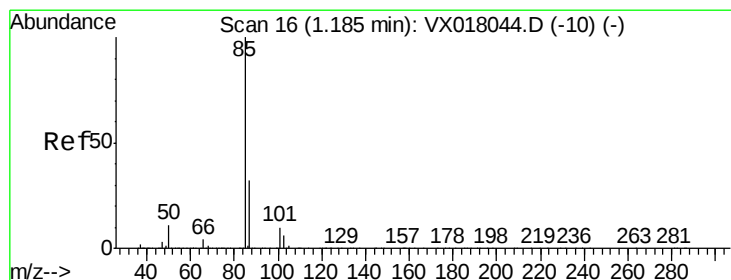
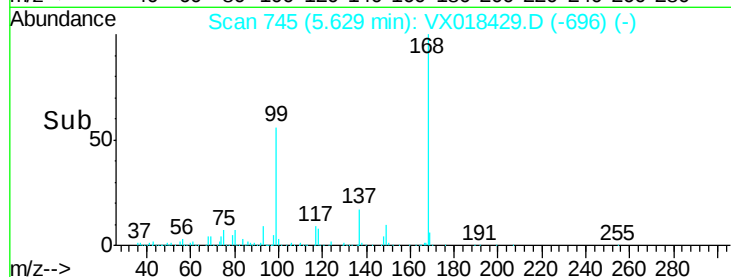
50000

0

5.50 5.60 5.70

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 45.572 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018429.D

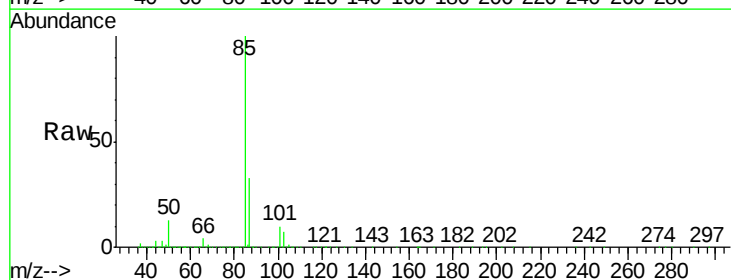
Acq: 16 Sep 2020 10:01

Tgt Ion: 85 Resp: 229979

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

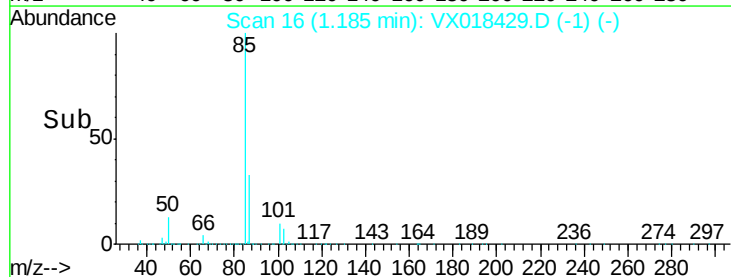
50000

0

1.10 1.15 1.20 1.25 1.30

1.18

Time-->





#3

Chloromethane

Concen: 41.148 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

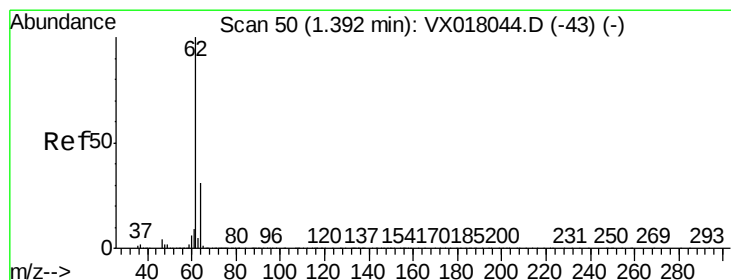
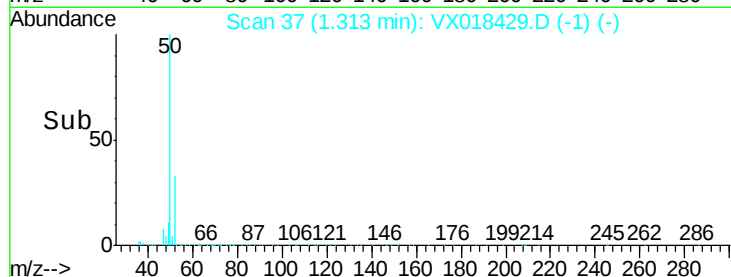
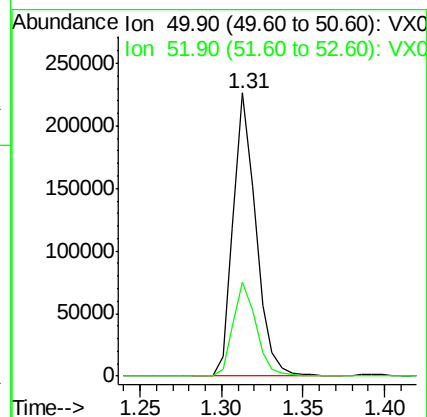
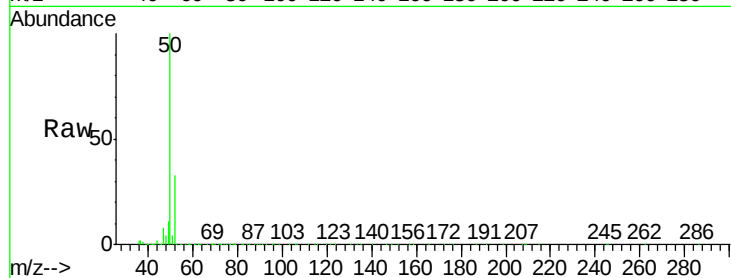
BFB25

Tgt Ion: 50 Resp: 218922

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 43.993 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018429.D

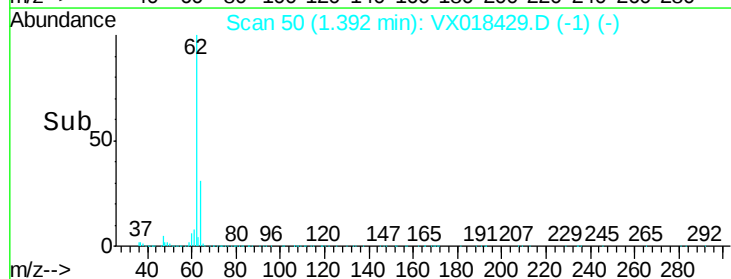
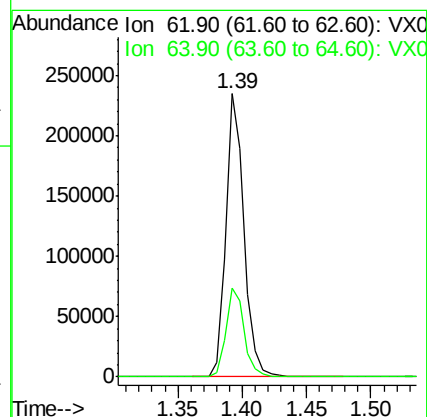
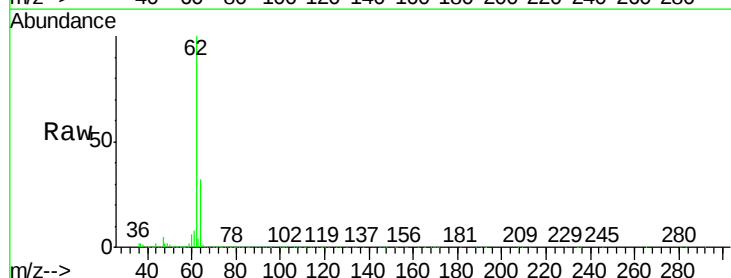
Acq: 16 Sep 2020 10:01

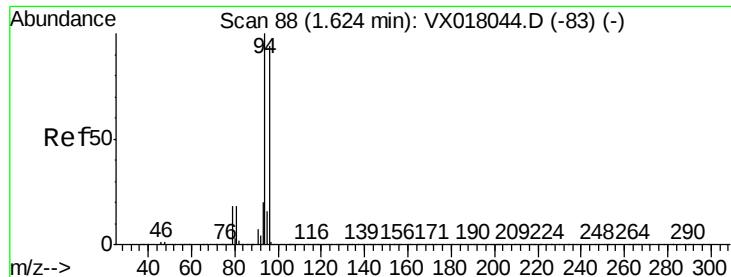
Tgt Ion: 62 Resp: 232996

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 59.194 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

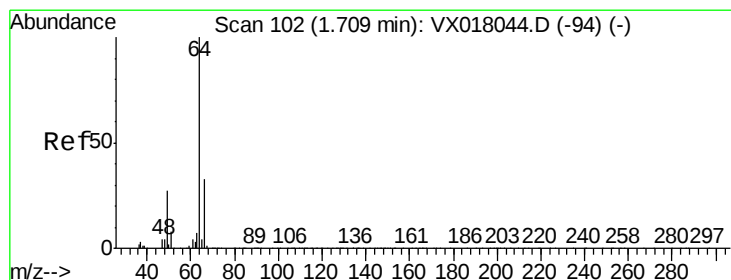
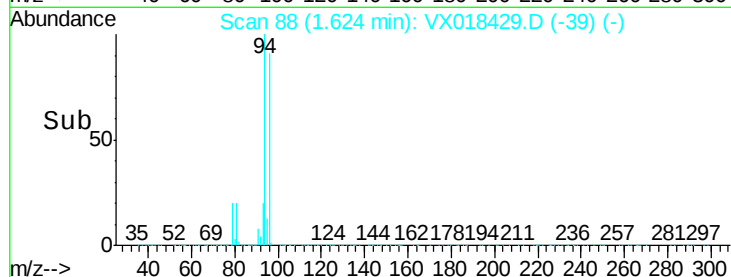
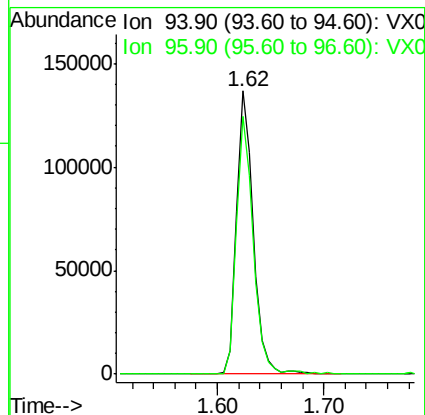
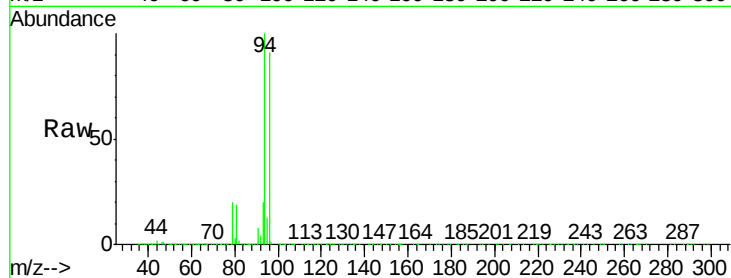
BFB25

Tgt Ion: 94 Resp: 151213

Ion Ratio Lower Upper

94 100

96 90.8 74.8 112.2



#6

Chloroethane

Concen: 49.132 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018429.D

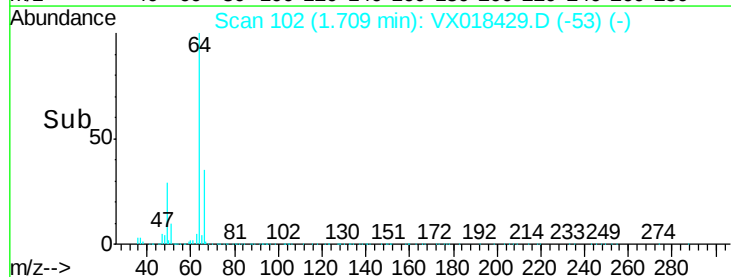
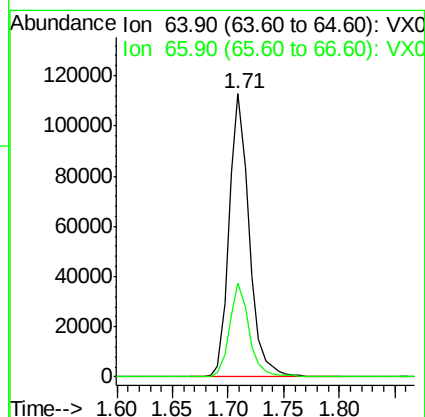
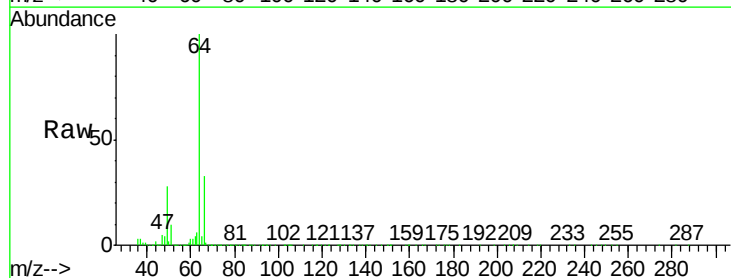
Acq: 16 Sep 2020 10:01

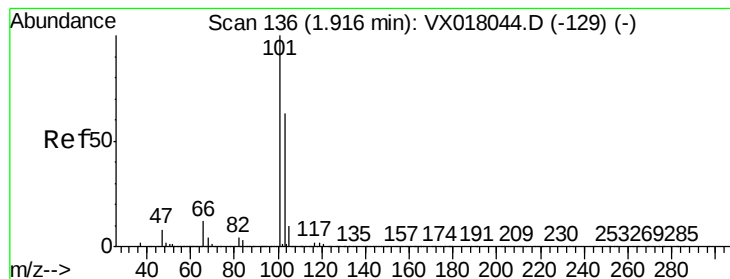
Tgt Ion: 64 Resp: 139760

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8



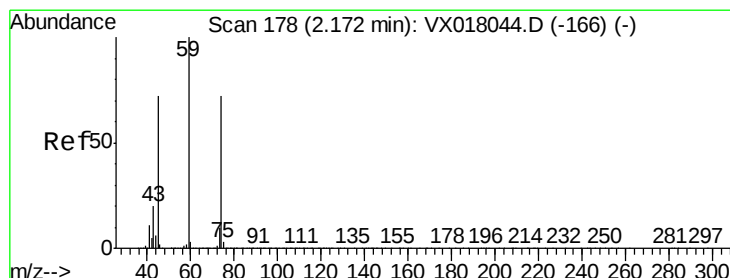
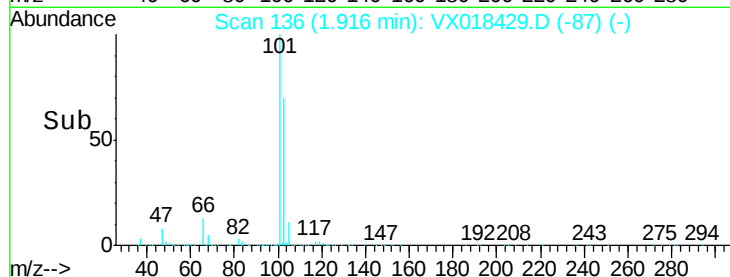
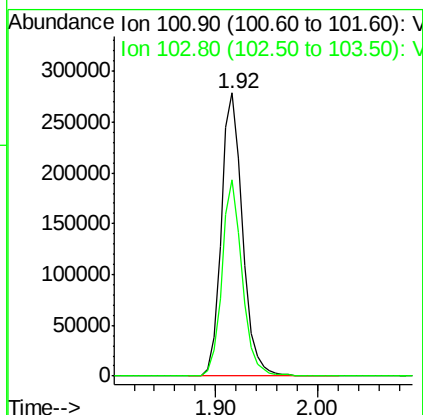
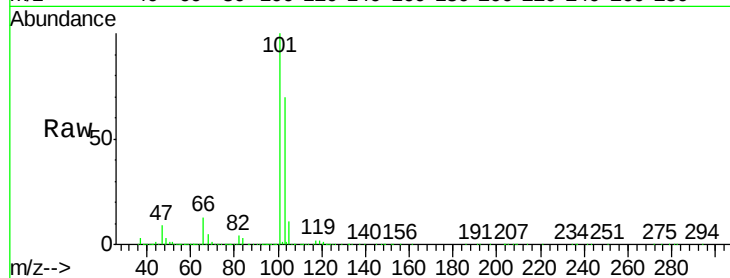


#7

Trichlorofluoromethane
Concen: 55.895 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018429.D
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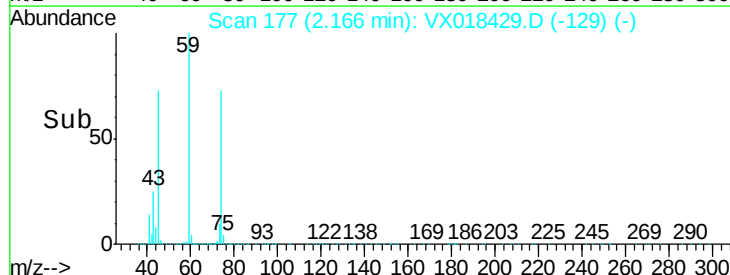
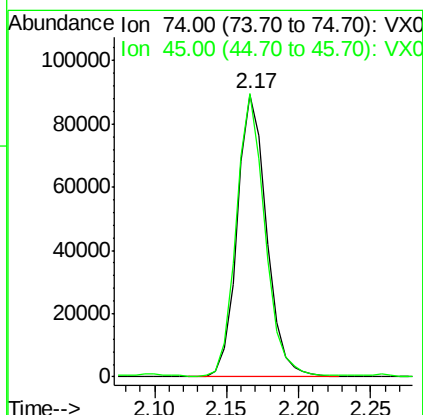
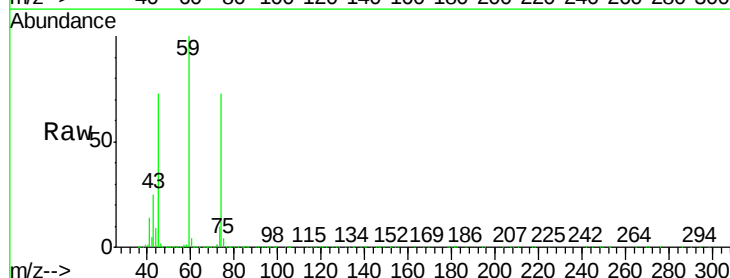
Tgt Ion: 101 Resp: 403657
Ion Ratio Lower Upper
101 100
103 69.5 50.7 76.1

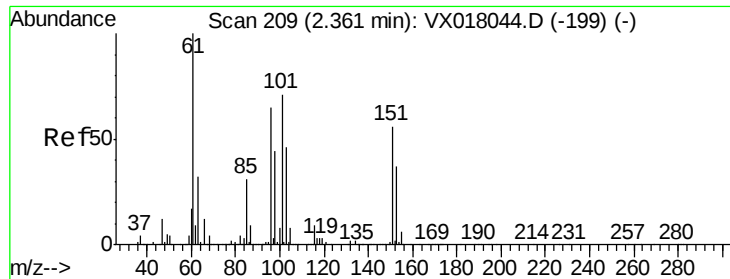


#8

Diethyl Ether
Concen: 51.733 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 74 Resp: 126701
Ion Ratio Lower Upper
74 100
45 97.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.020 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

BFB25

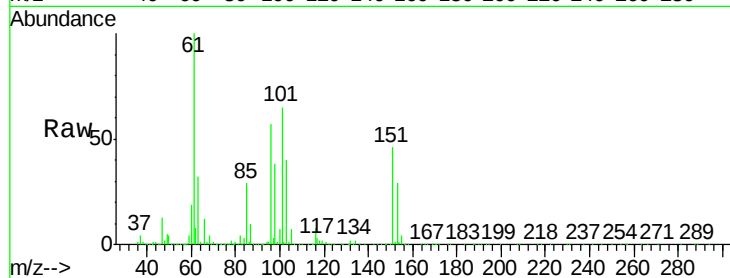
Tgt Ion:101 Resp: 207003

Ion Ratio Lower Upper

101 100

85 44.4 34.0 51.0

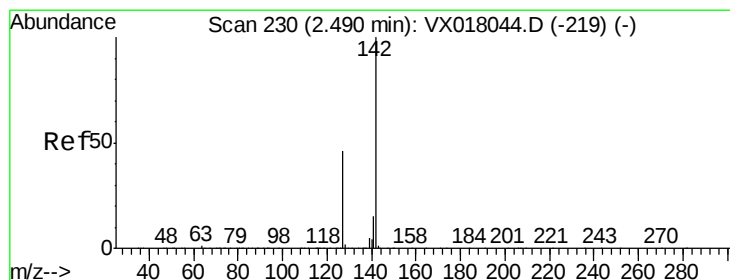
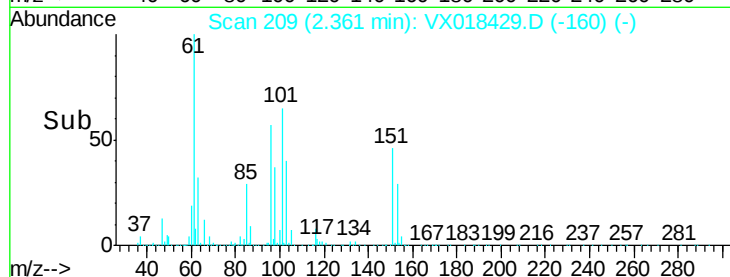
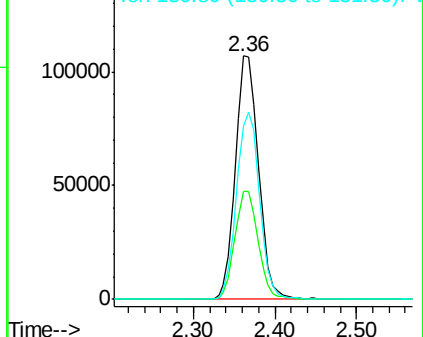
151 77.2 65.2 97.8



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: 54.281 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

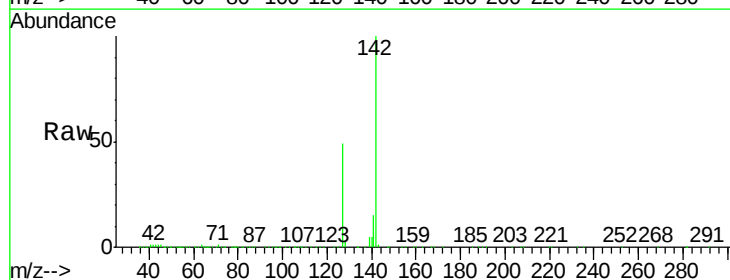
Tgt Ion:142 Resp: 228857

Ion Ratio Lower Upper

142 100

127 48.5 37.0 55.6

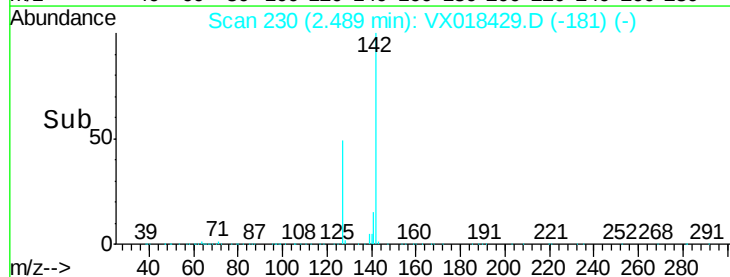
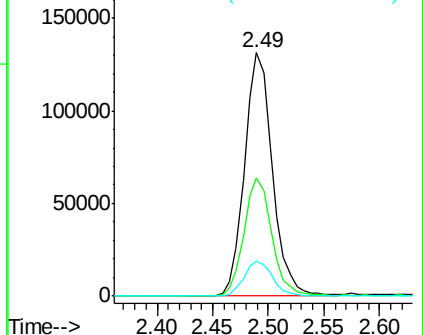
141 14.7 11.5 17.3

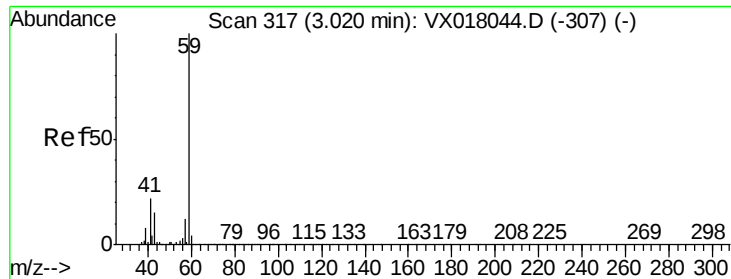


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

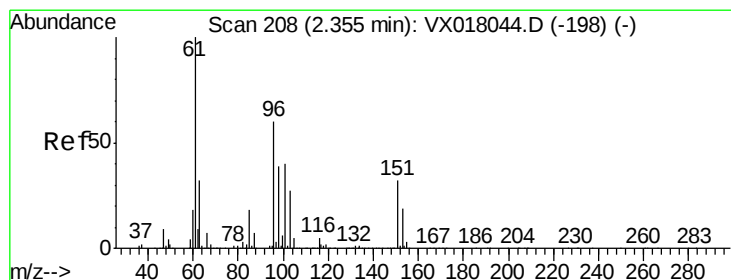
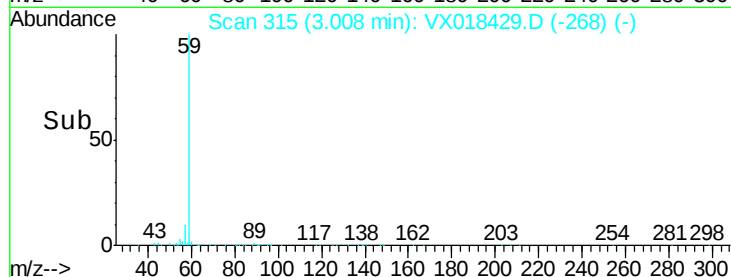
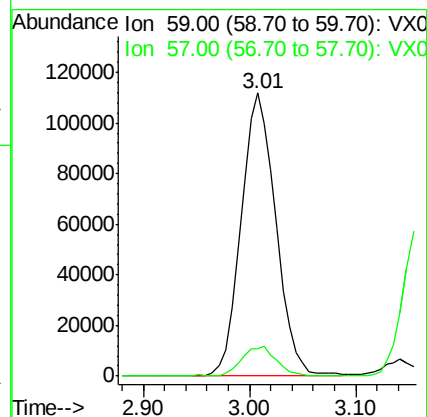
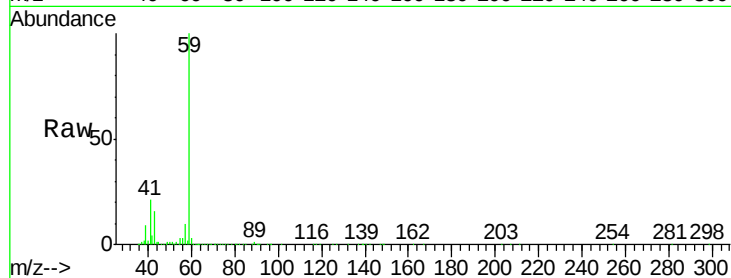




#11
Tert butyl alcohol
Concen: 228.264 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

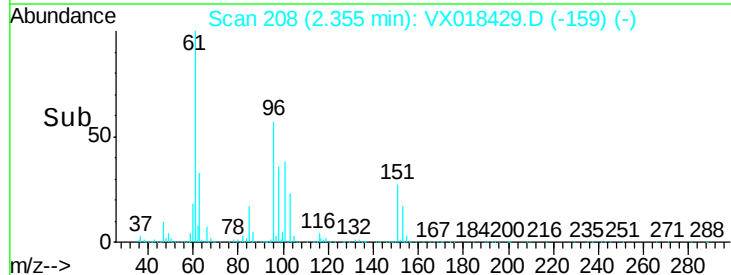
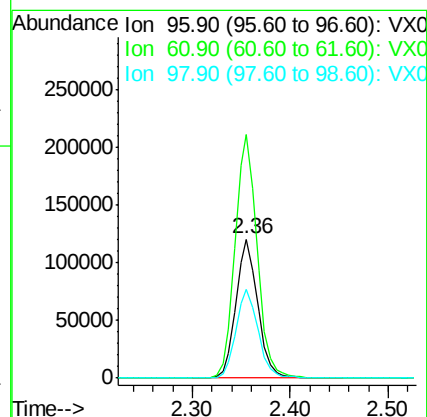
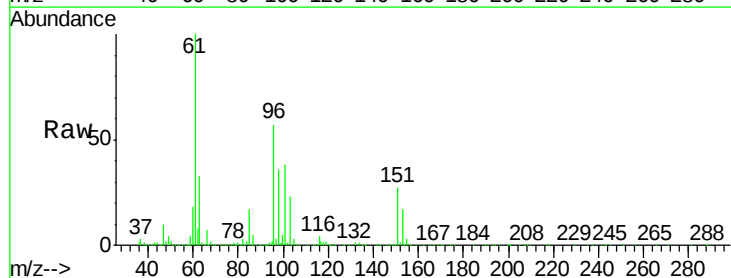
Instrument :
MSVOA_X
ClientSampleId :
BFB25

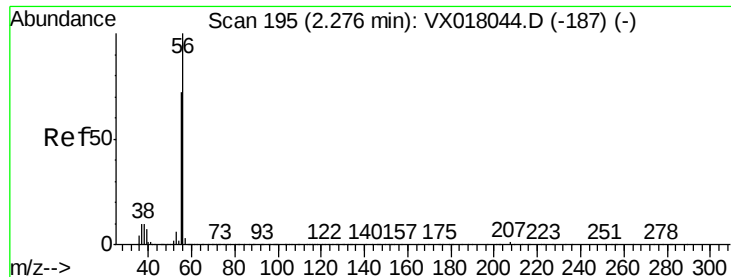
Tgt Ion: 59 Resp: 255385
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.021 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 96 Resp: 186409
Ion Ratio Lower Upper
96 100
61 175.2 133.0 199.4
98 63.6 51.6 77.4





#13

Acrolein

Concen: 248.916 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

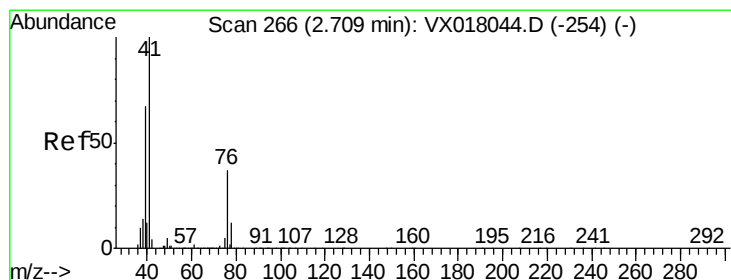
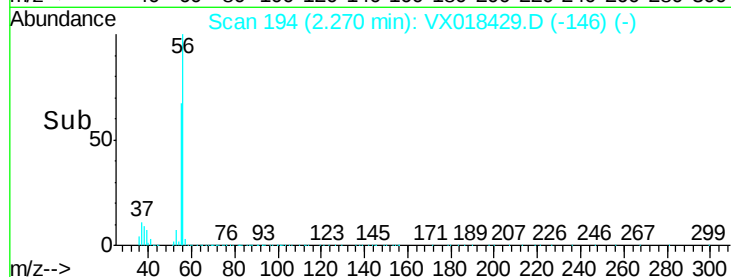
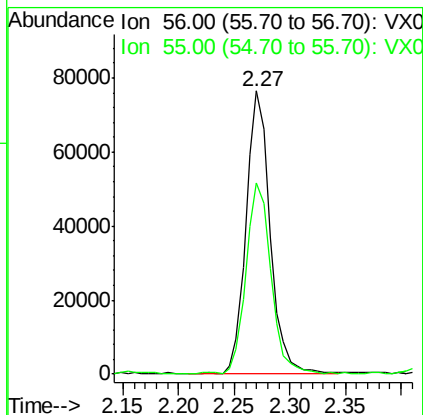
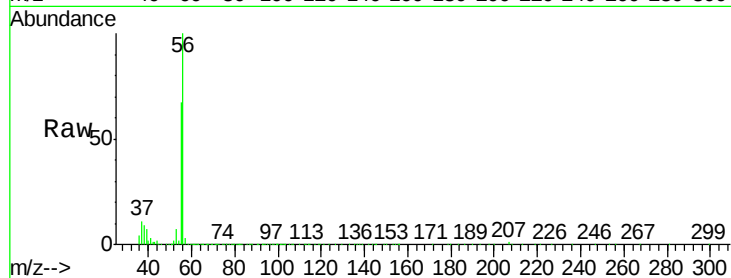
BFB25

Tgt Ion: 56 Resp: 115474

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.6



#14

Allyl chloride

Concen: 49.902 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

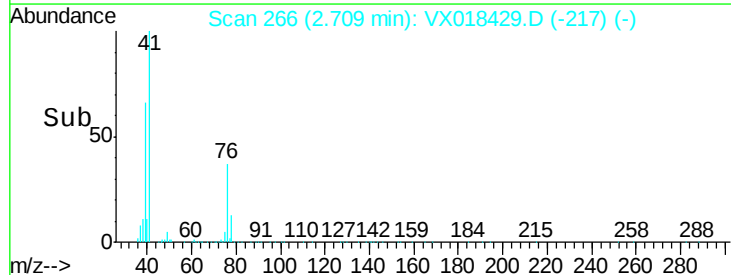
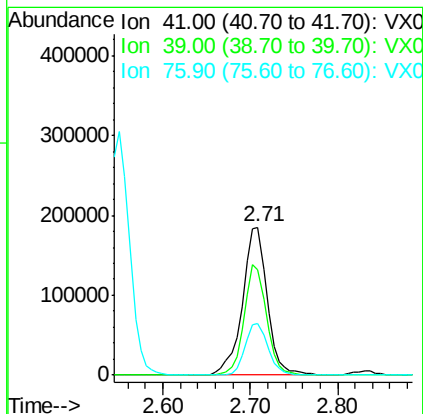
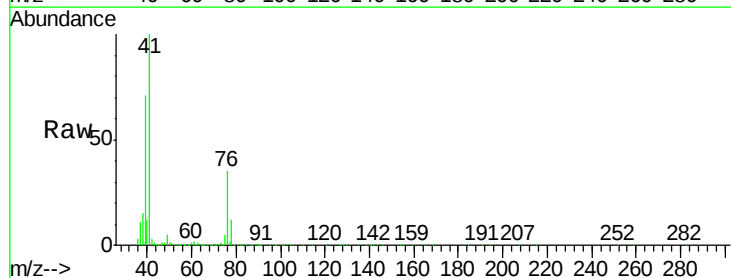
Tgt Ion: 41 Resp: 363158

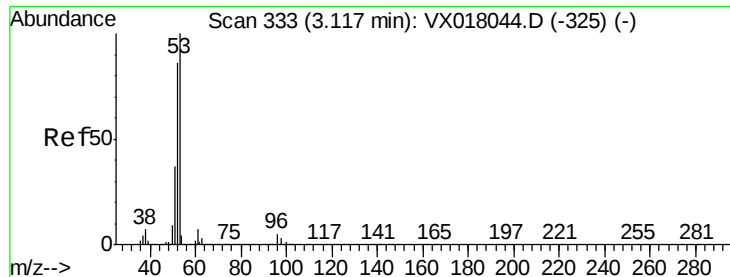
Ion Ratio Lower Upper

41 100

39 67.9 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 230.836 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

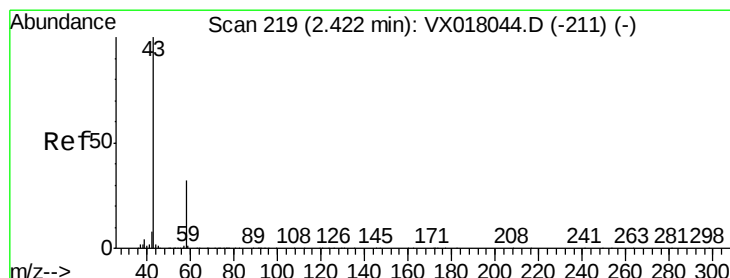
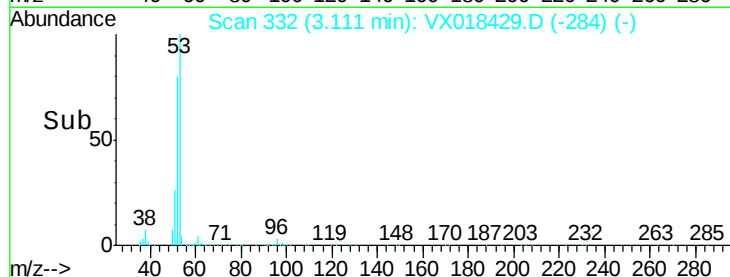
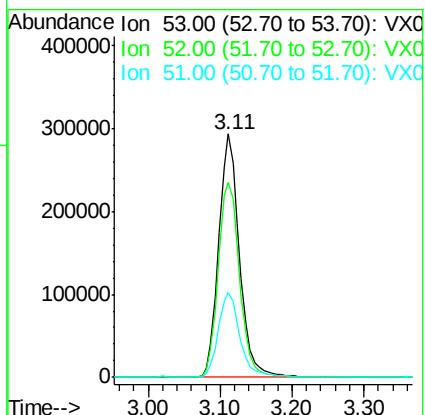
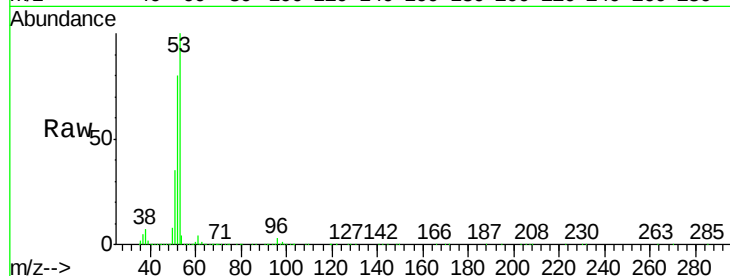
Tgt Ion: 53 Resp: 585838

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

51 36.3 28.7 43.1



#16

Acetone

Concen: 263.591 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018429.D

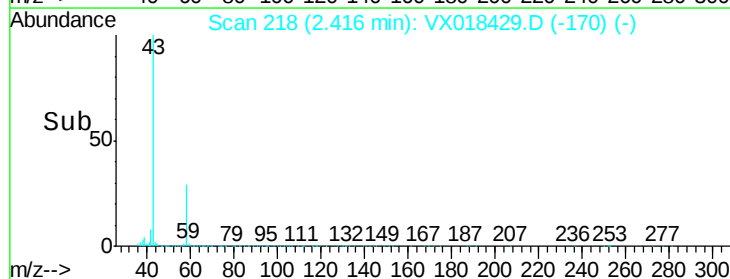
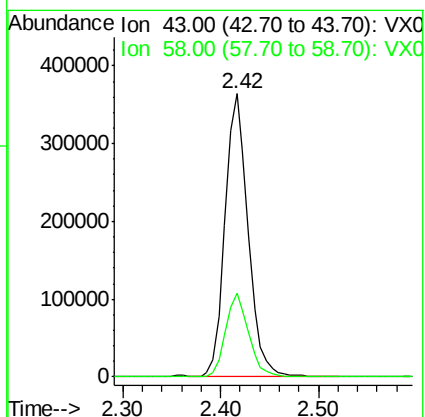
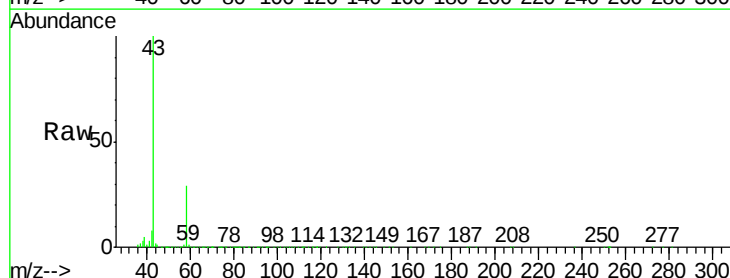
Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 591015

Ion Ratio Lower Upper

43 100

58 29.4 25.5 38.3

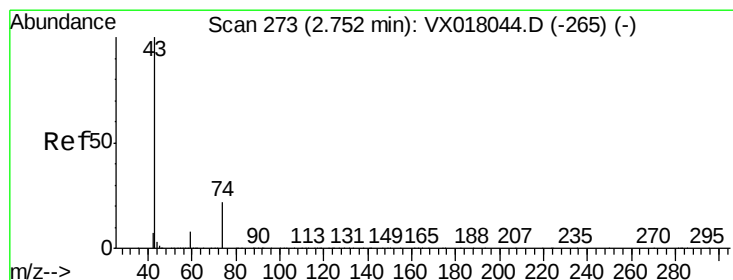
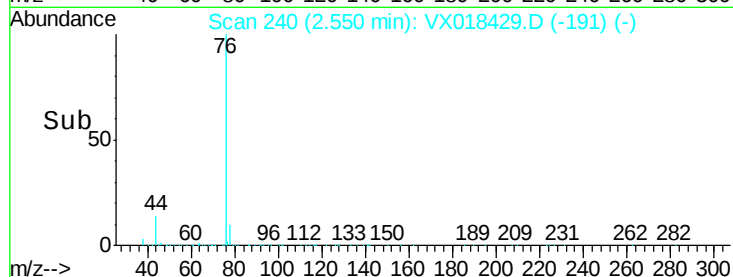
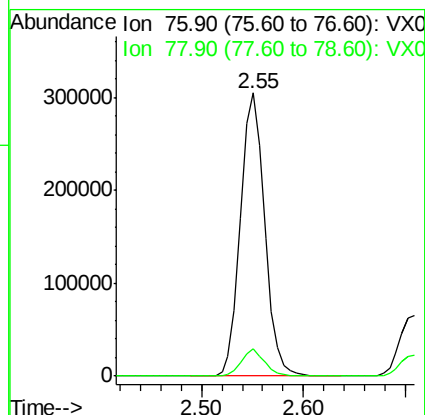
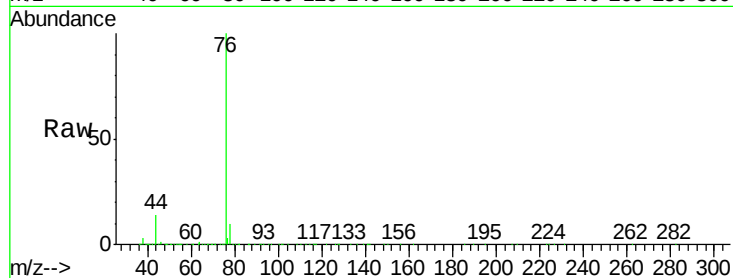




#17
Carbon Disulfide
Concen: 41.010 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

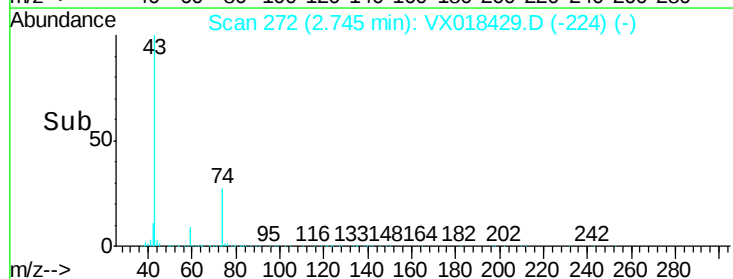
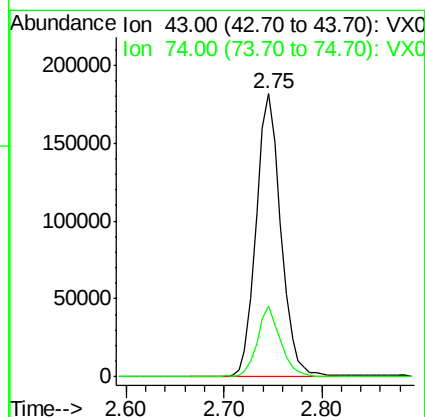
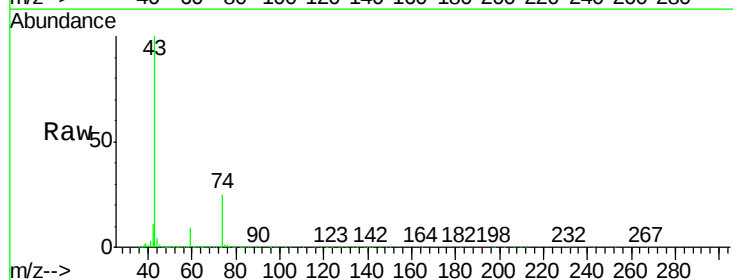
Instrument :
MSVOA_X
ClientSampleId :
BFB25

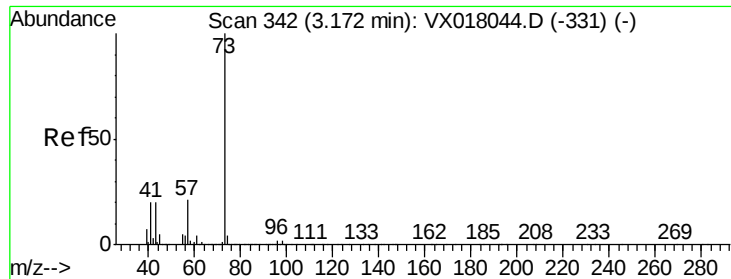
Tgt Ion: 76 Resp: 502162
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 58.593 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 317022
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4

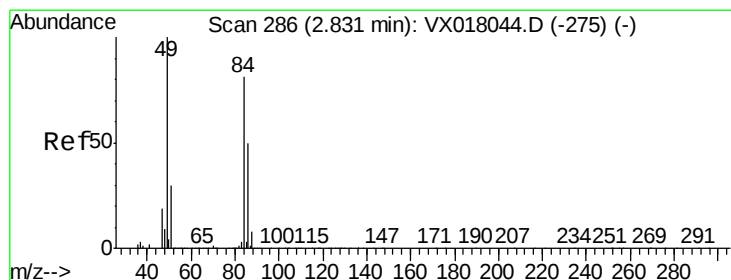
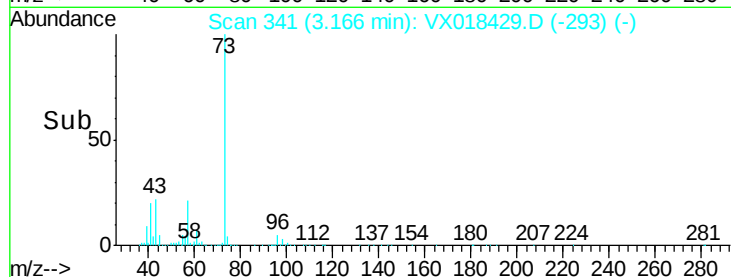
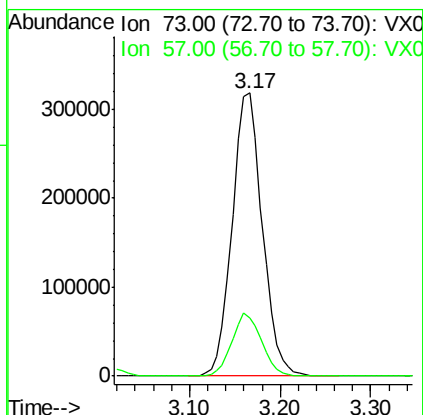
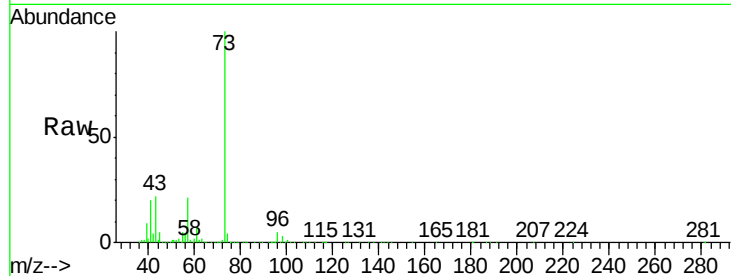




#19
Methyl tert-butyl Ether
Concen: 52.936 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

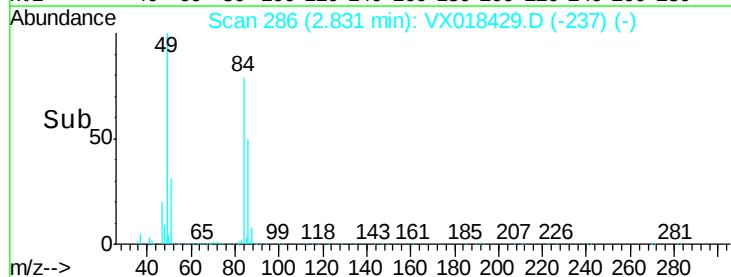
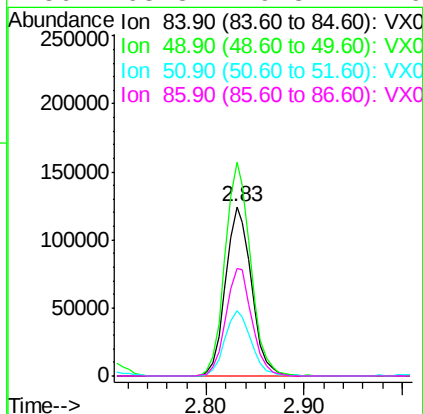
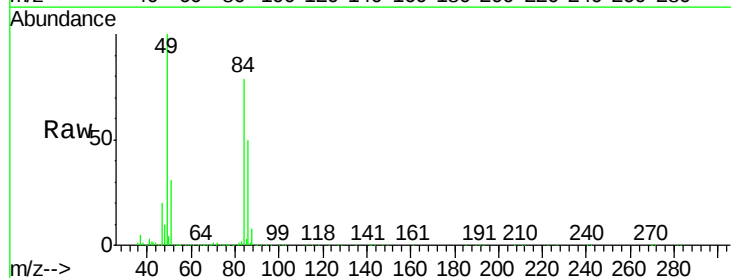
Instrument :
MSVOA_X
ClientSampleId :
BFB25

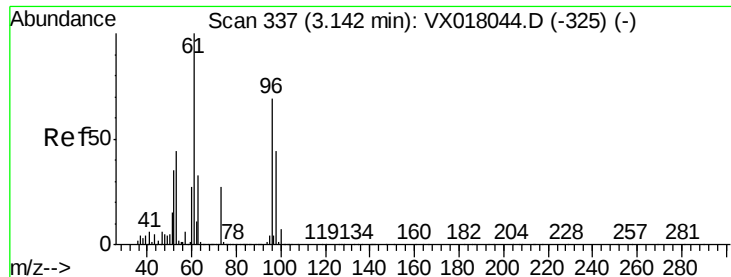
Tgt Ion: 73 Resp: 735362
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 49.510 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 84 Resp: 227031
Ion Ratio Lower Upper
84 100
49 125.9 98.6 148.0
51 38.6 29.6 44.4
86 63.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.389 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

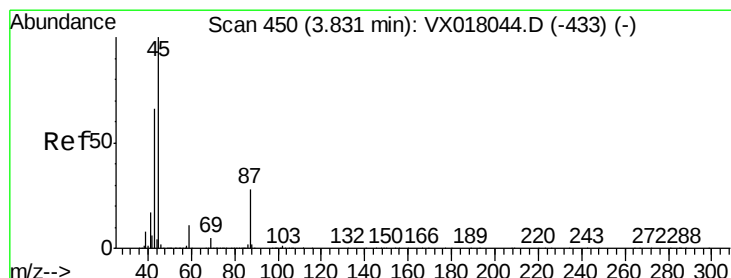
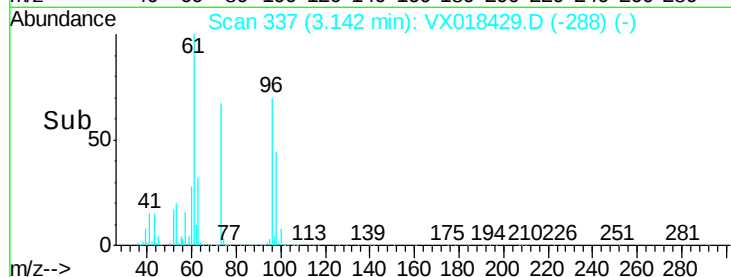
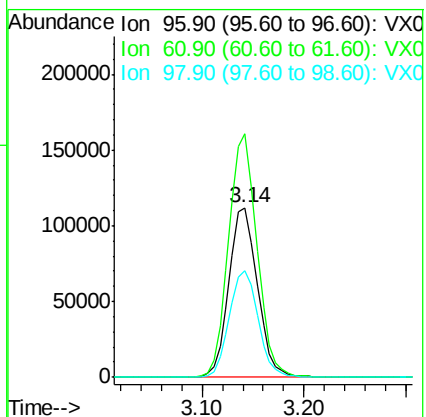
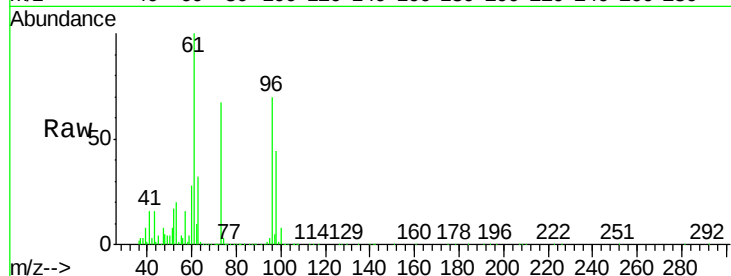
Tgt Ion: 96 Resp: 217156

Ion Ratio Lower Upper

96 100

61 143.3 115.4 173.0

98 62.6 51.1 76.7



#22

Diisopropyl ether

Concen: 51.197 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 45 Resp: 735363

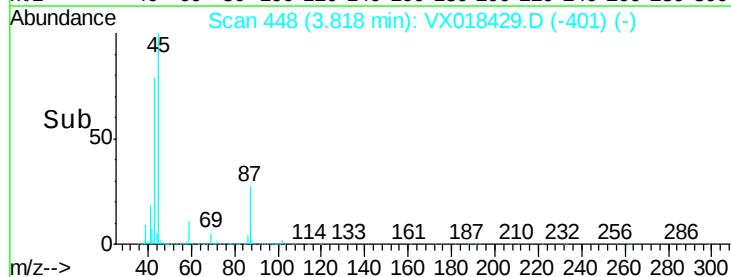
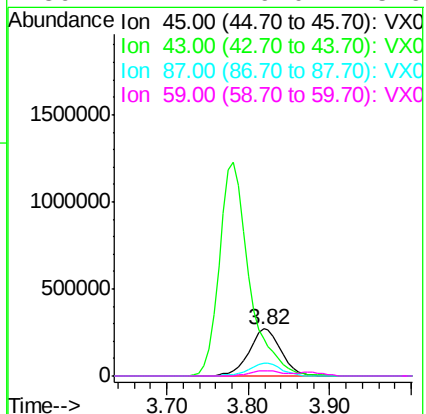
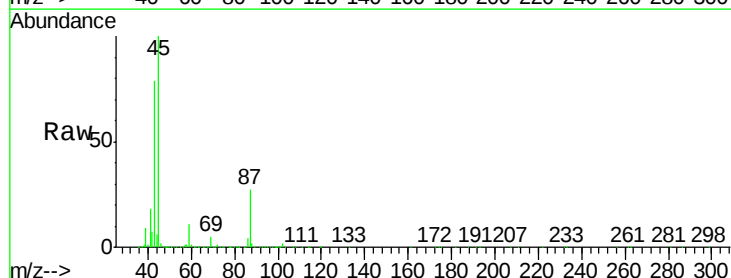
Ion Ratio Lower Upper

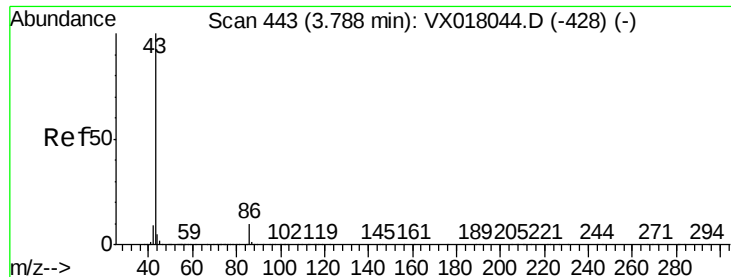
45 100

43 78.6 52.8 79.2

87 26.9 22.5 33.7

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 245.063 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

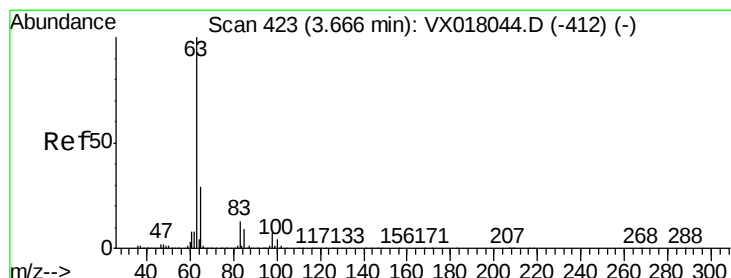
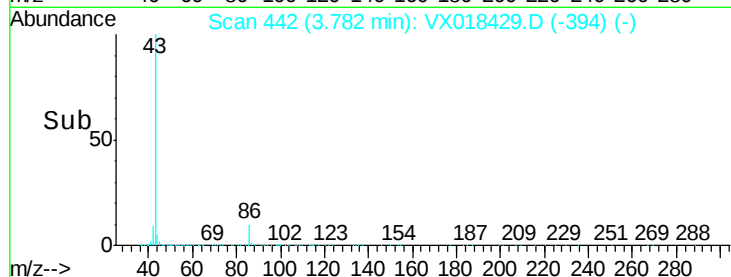
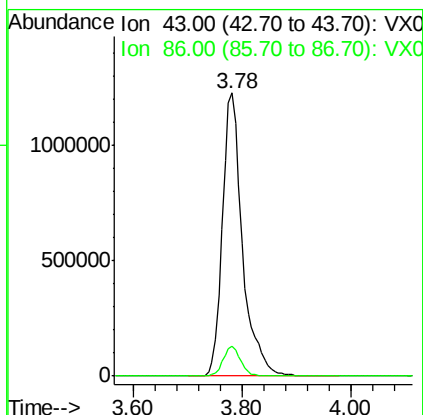
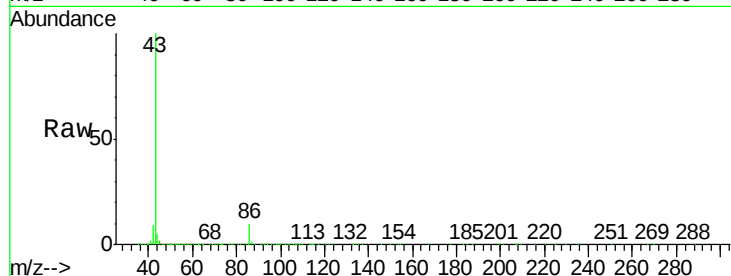
BFB25

Tgt Ion: 43 Resp: 3132049

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.545 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

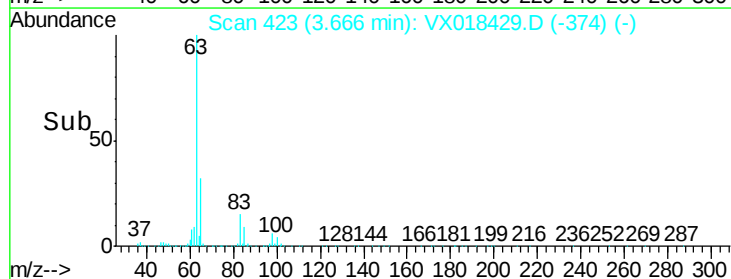
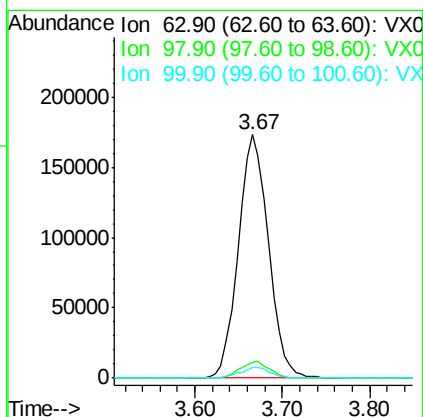
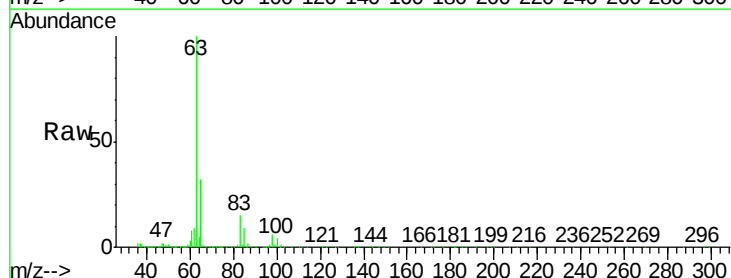
Tgt Ion: 63 Resp: 413272

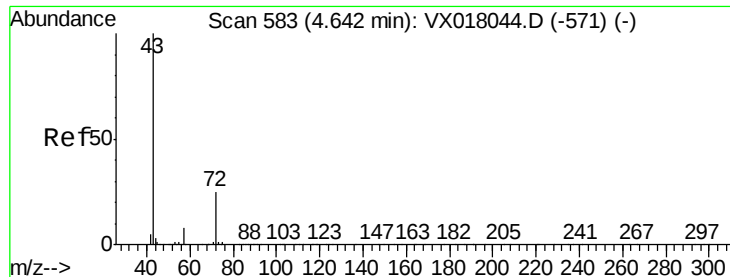
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 233.823 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

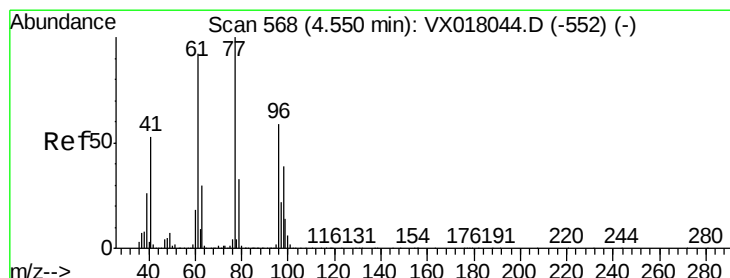
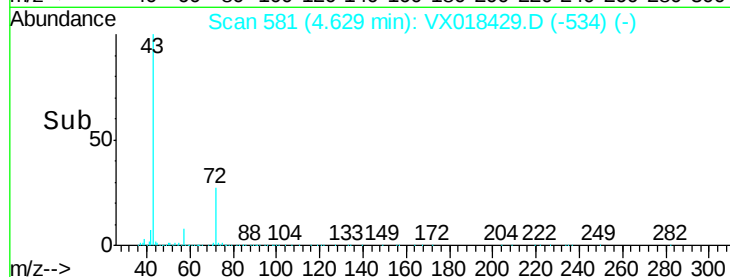
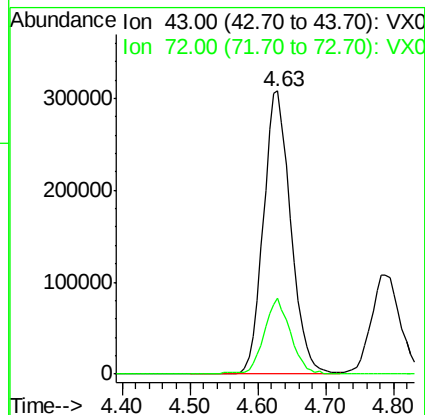
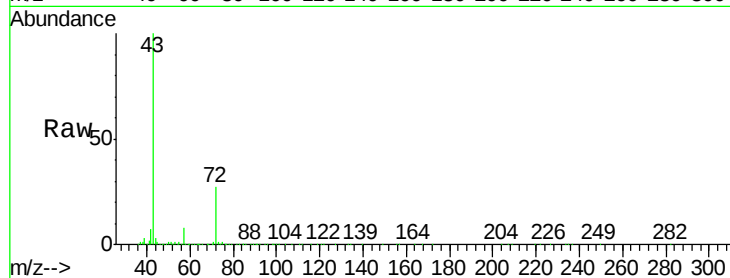
BFB25

Tgt Ion: 43 Resp: 861617

Ion Ratio Lower Upper

43 100

72 26.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 60.246 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018429.D

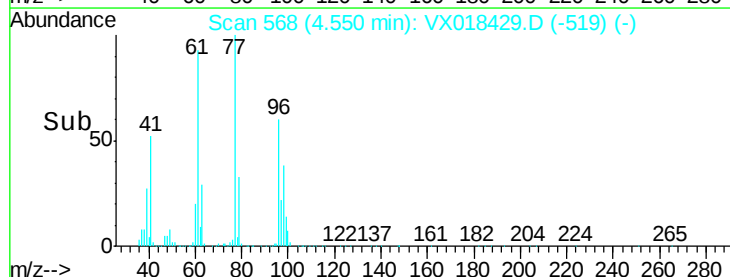
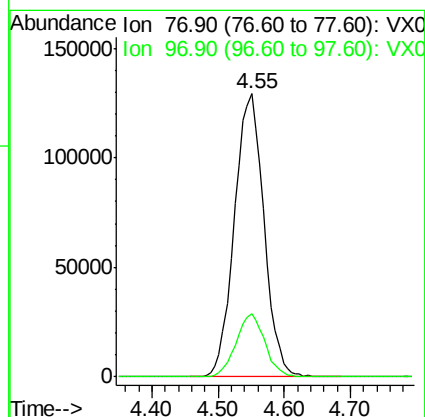
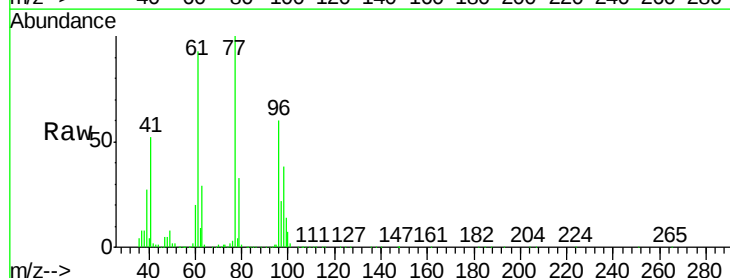
Acq: 16 Sep 2020 10:01

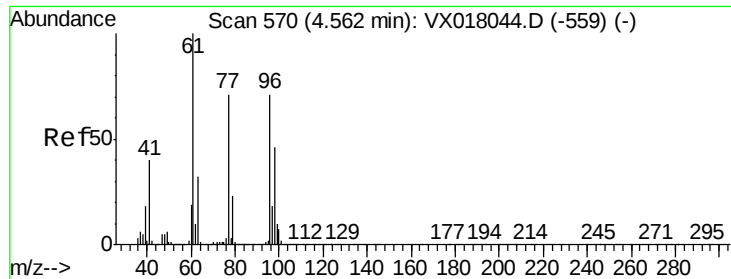
Tgt Ion: 77 Resp: 400788

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5



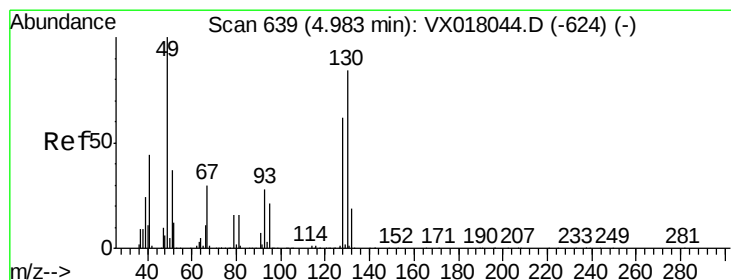
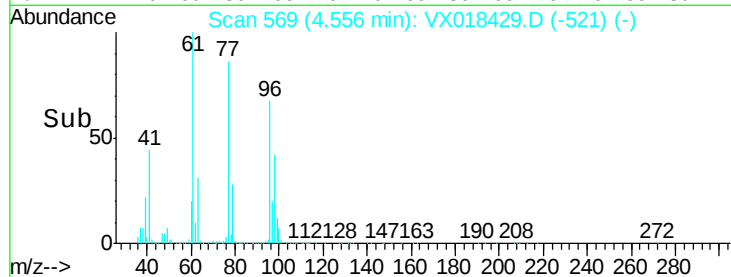
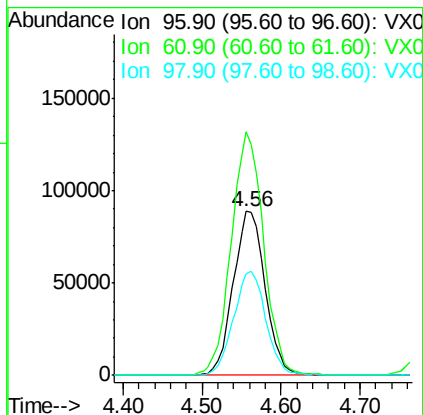
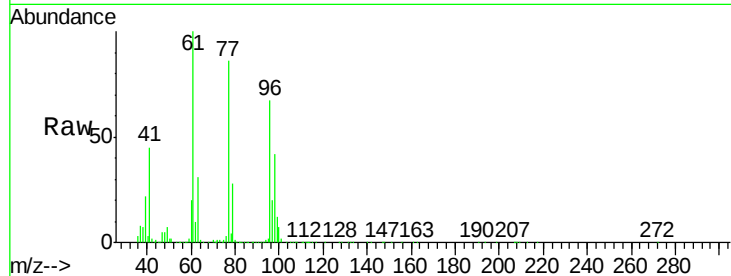


#27

cis-1,2-Dichloroethene
Concen: 48.348 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
BFB25

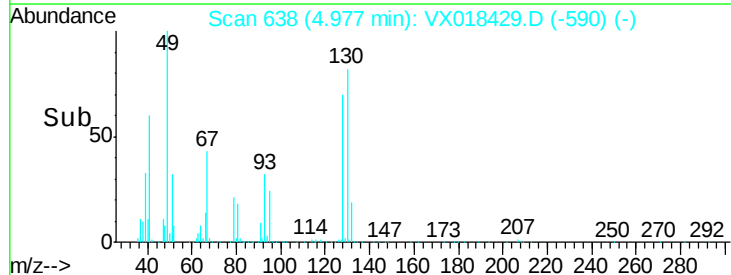
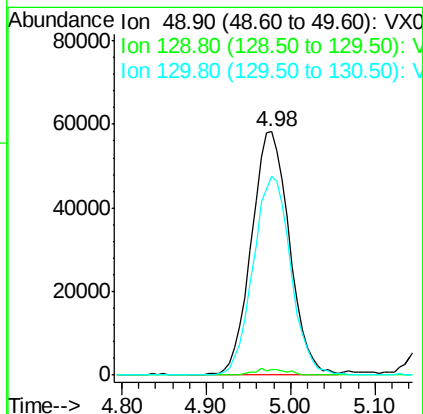
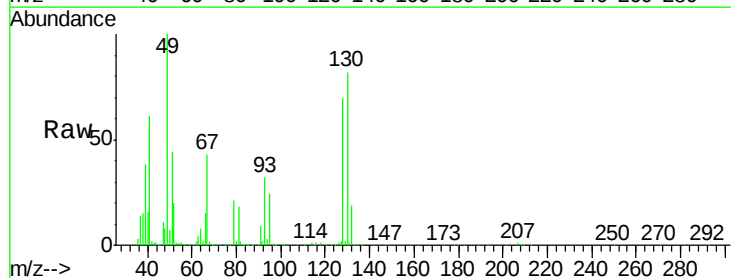
Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	296.6
98	64.3	0.0	130.2



#28

Bromochloromethane
Concen: 45.300 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	81.5	64.6	96.8

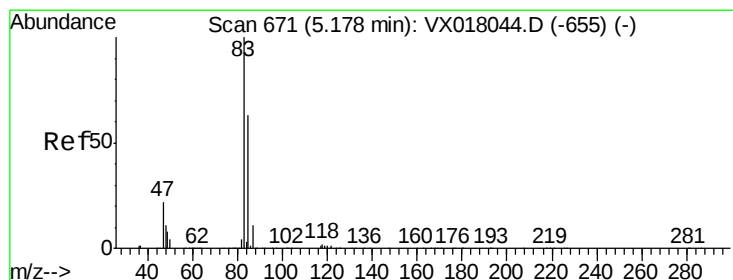
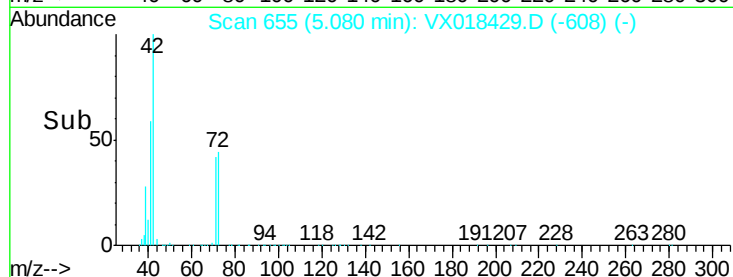
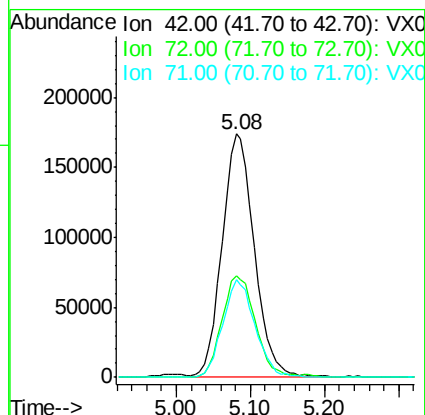
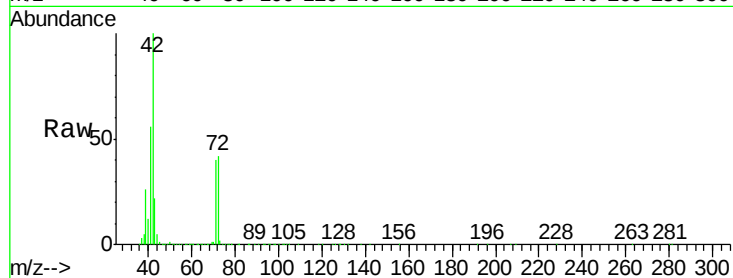




#29
Tetrahydrofuran
Concen: 221.765 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

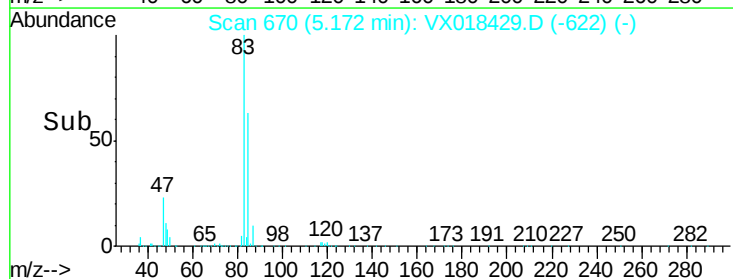
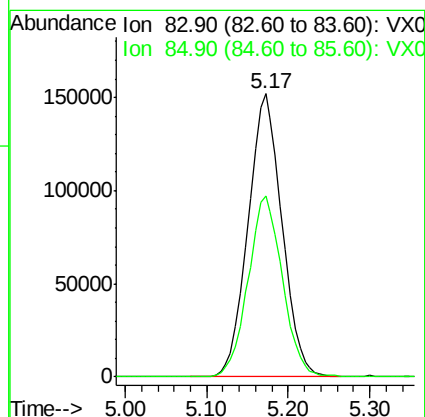
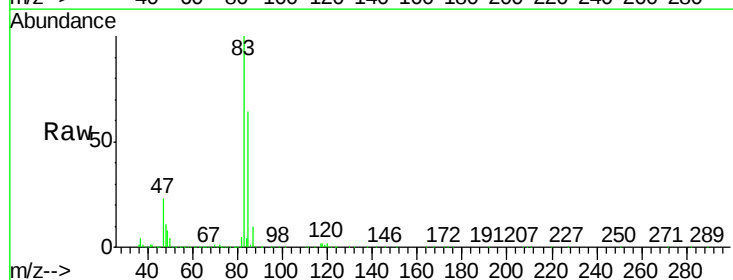
Instrument :
MSVOA_X
ClientSampleId :
BFB25

Tgt Ion: 42 Resp: 520203
Ion Ratio Lower Upper
42 100
72 44.1 34.2 51.4
71 40.5 32.1 48.1



#30
Chloroform
Concen: 52.076 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 83 Resp: 440882
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1

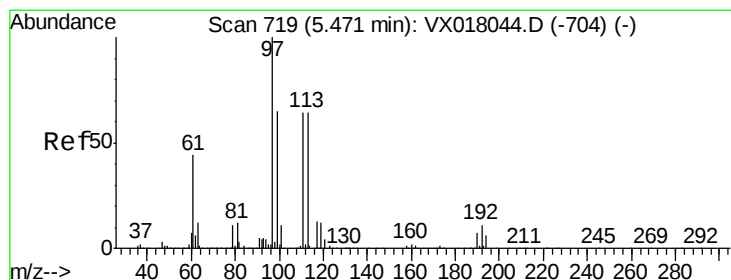
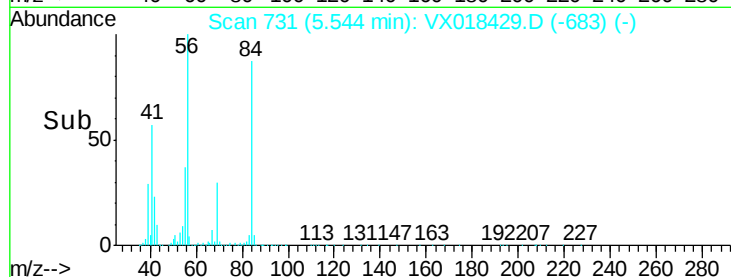
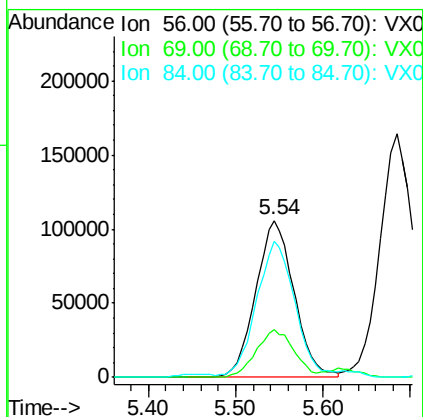
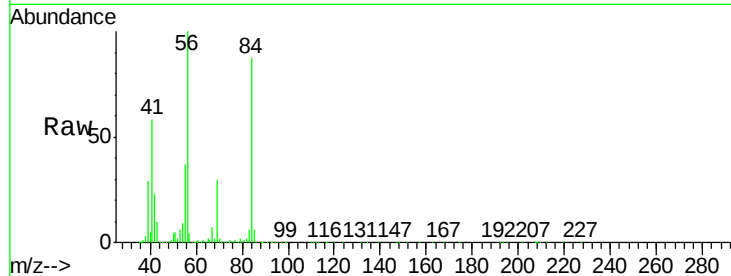




#31
Cyclohexane
Concen: 46.636 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

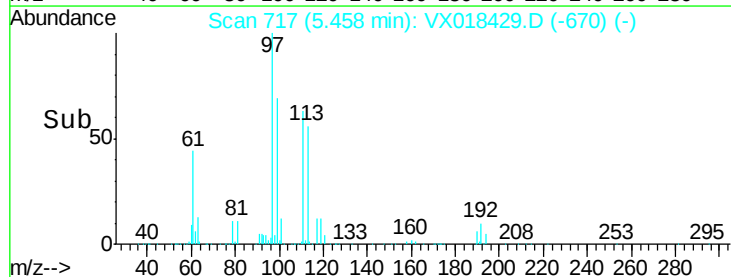
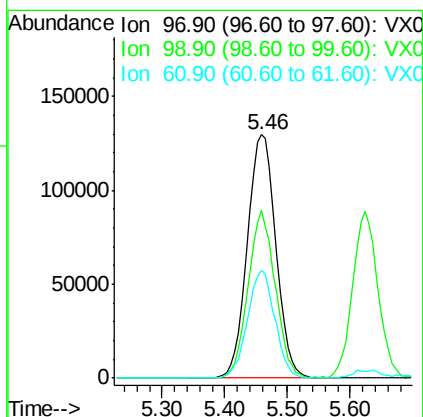
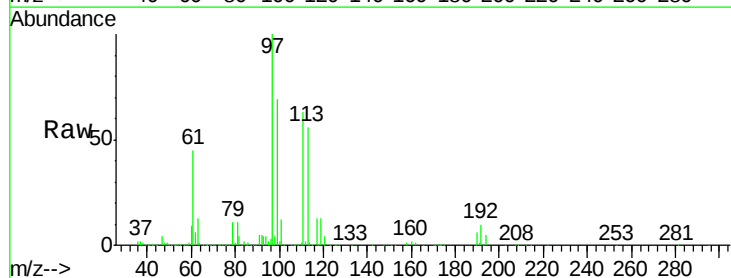
Instrument :
MSVOA_X
ClientSampleId :
BFB25

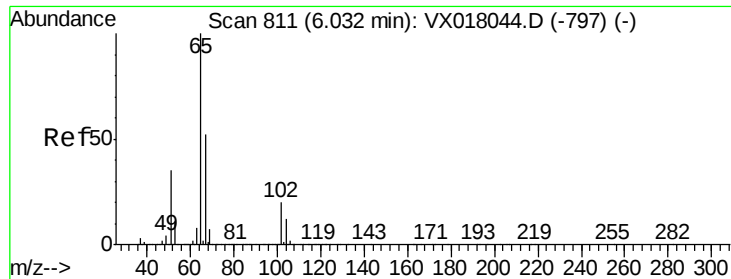
Tgt Ion: 56 Resp: 321198
Ion Ratio Lower Upper
56 100
69 30.2 23.9 35.9
84 84.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 52.628 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 97 Resp: 408878
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 42.3 34.2 51.4

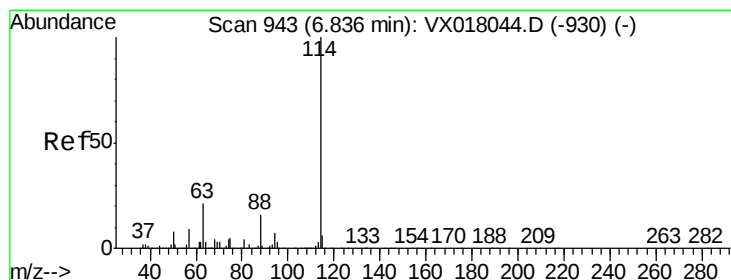
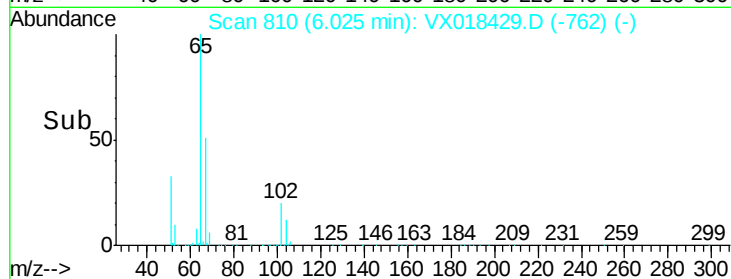
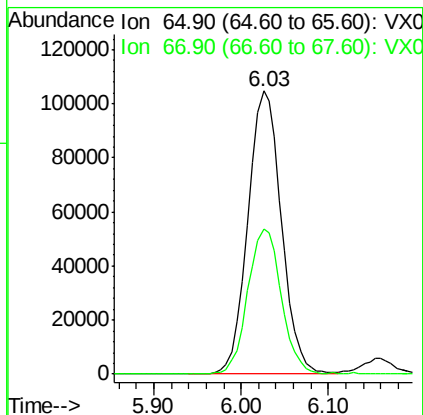
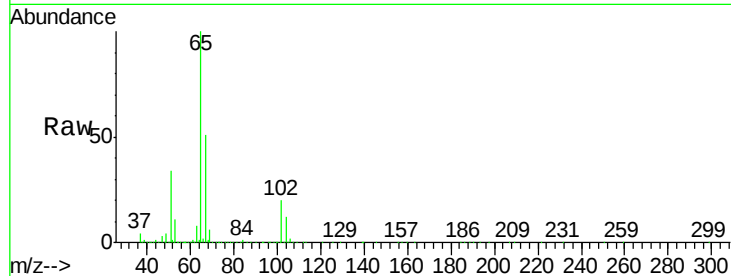




#33
 1,2-Dichloroethane-d4
 Concen: 48.501 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

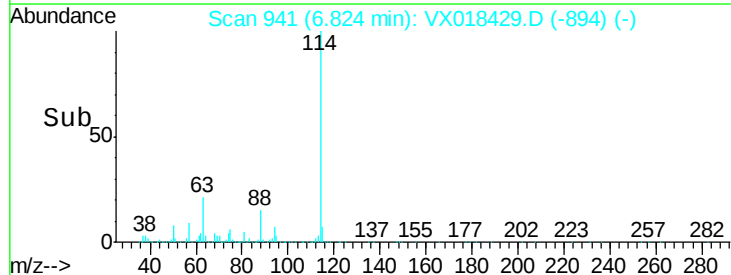
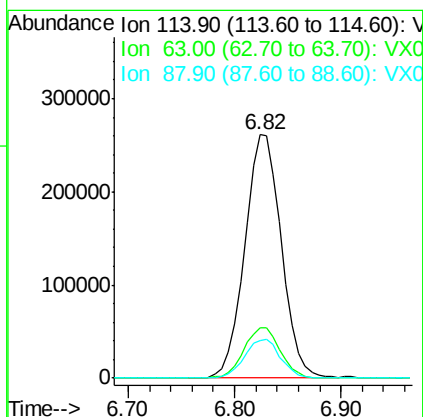
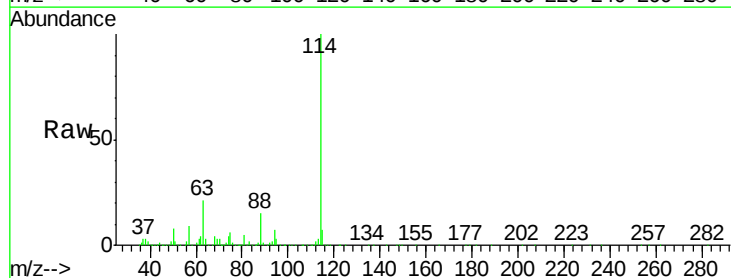
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

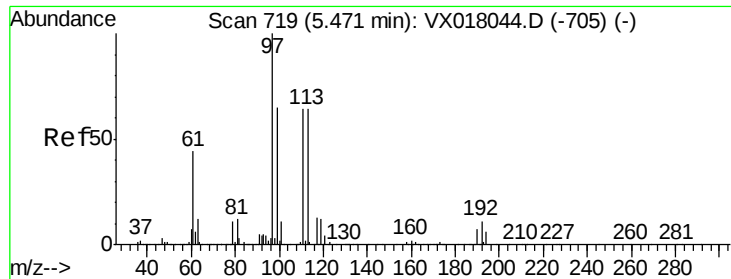
Tgt Ion: 65 Resp: 279081
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 114 Resp: 628564
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.655 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

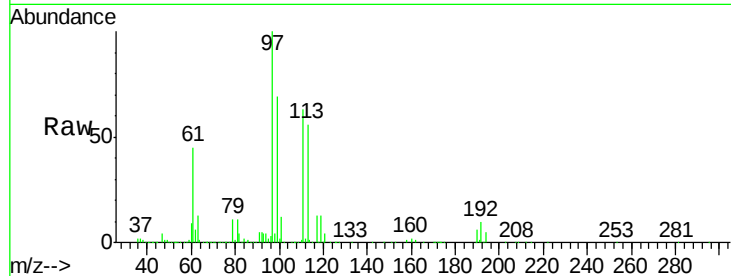
Tgt Ion: 113 Resp: 216844

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

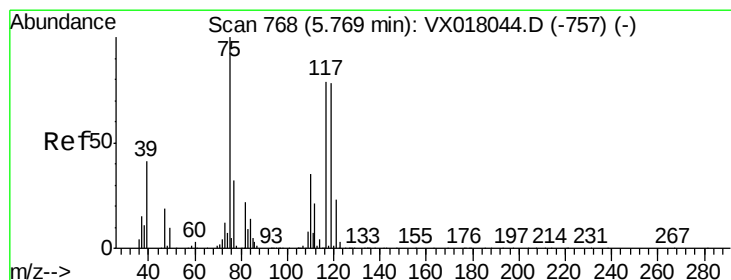
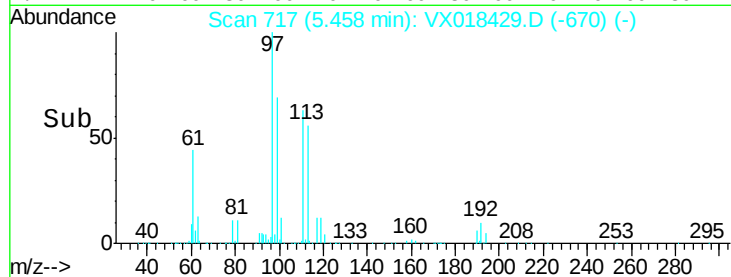
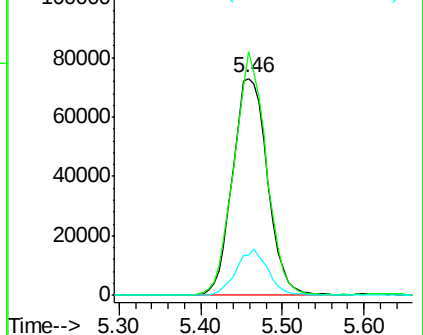
192 19.4 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.017 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

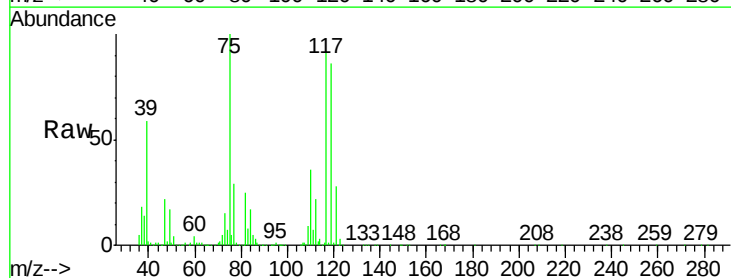
Tgt Ion: 75 Resp: 313167

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

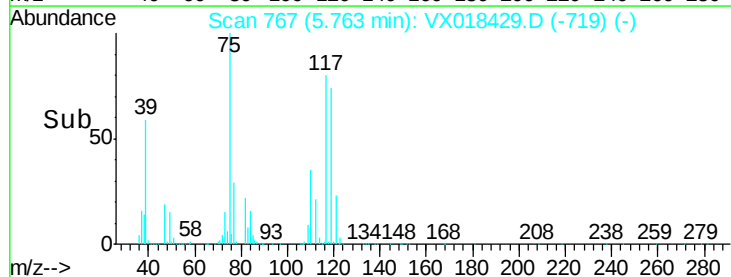
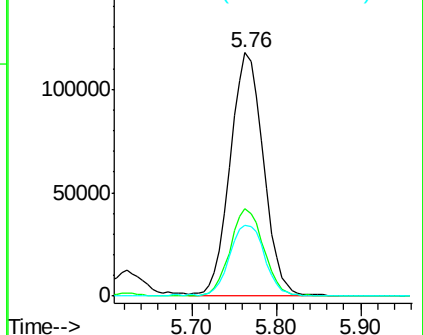
77 30.9 24.4 36.6

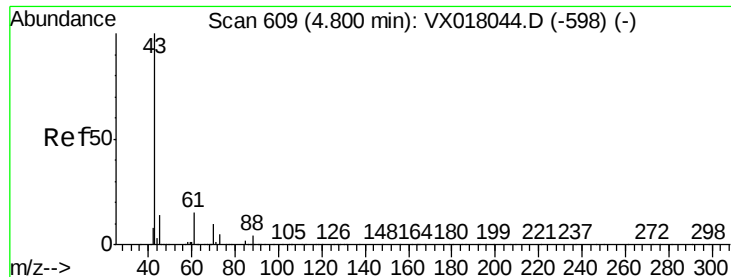


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

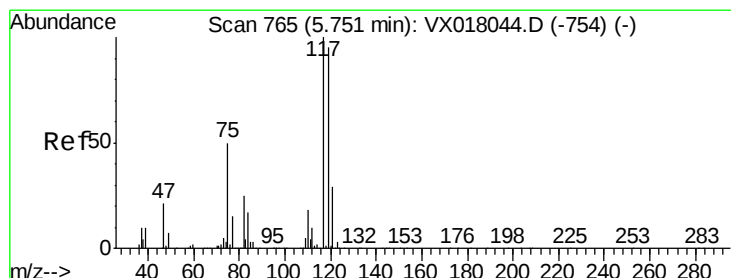
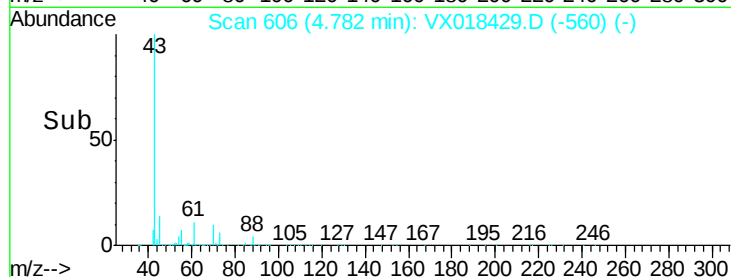
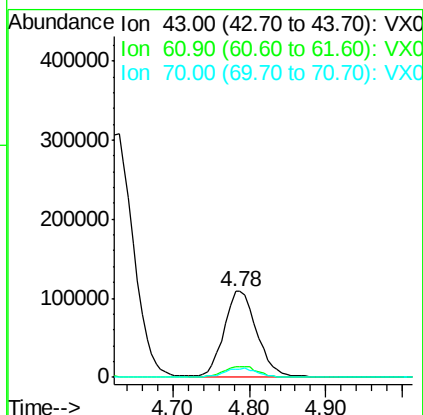
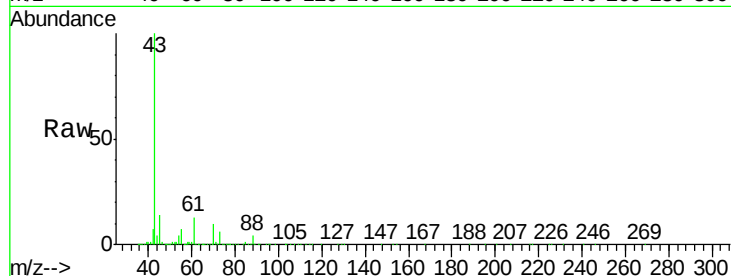




#37
 Ethyl Acetate
 Concen: 47.867 ug/l
 RT: 4.78 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

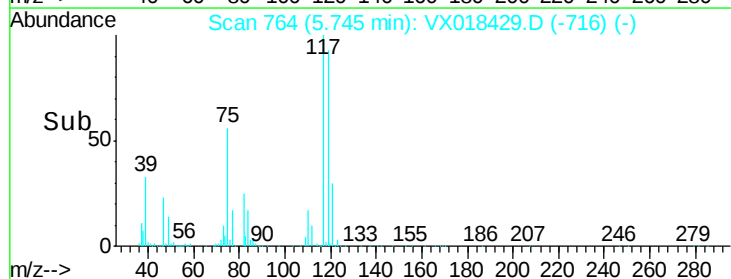
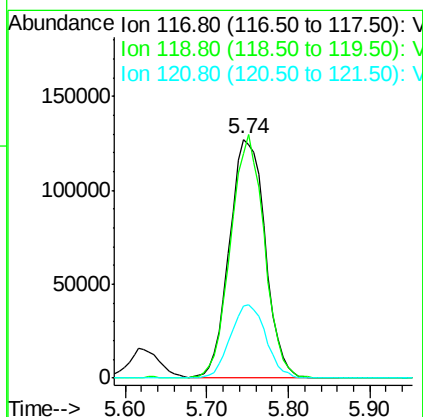
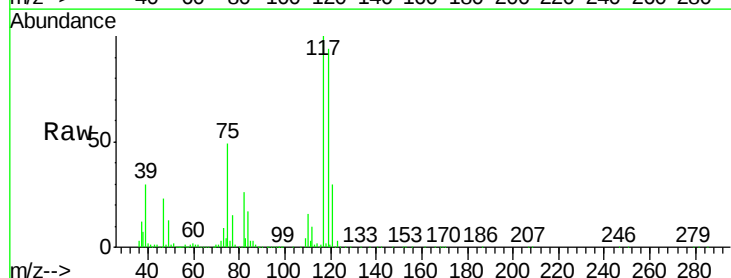
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

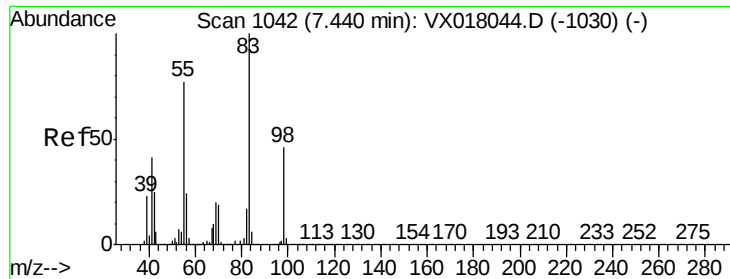
Tgt Ion: 43 Resp: 322313
 Ion Ratio Lower Upper
 43 100
 61 12.8 11.3 16.9
 70 10.9 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 58.784 ug/l
 RT: 5.74 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 117 Resp: 384072
 Ion Ratio Lower Upper
 117 100
 119 94.2 75.8 113.6
 121 30.1 23.4 35.0

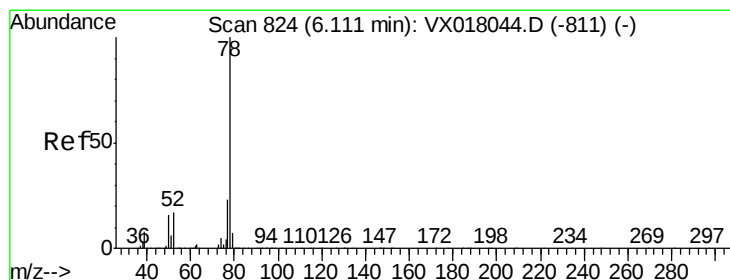
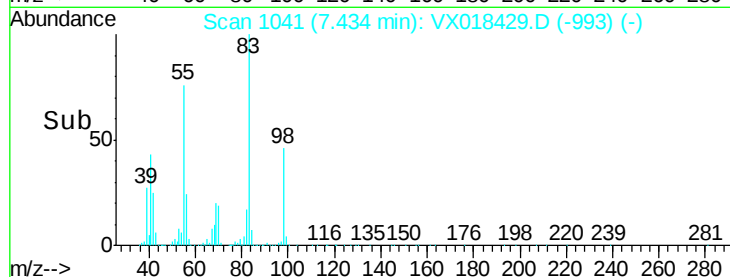
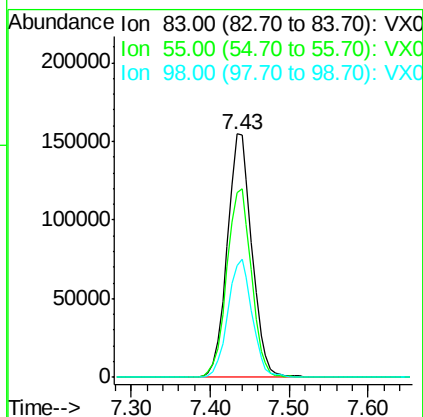
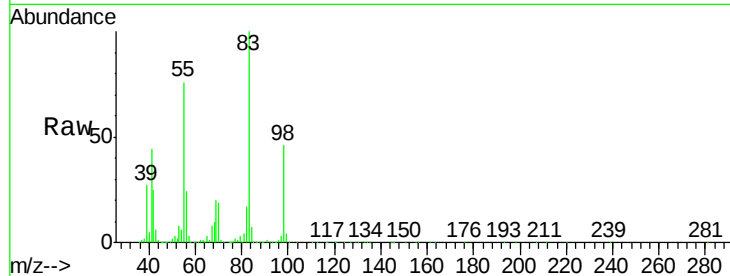




#39
Methylcyclohexane
Concen: 53.009 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

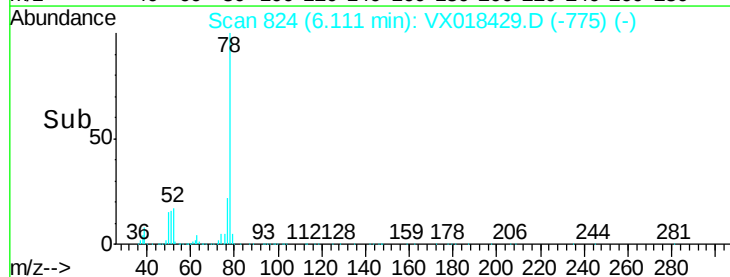
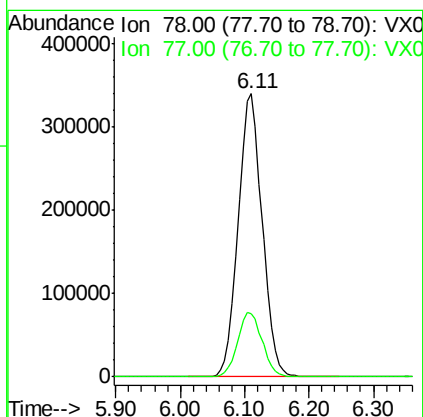
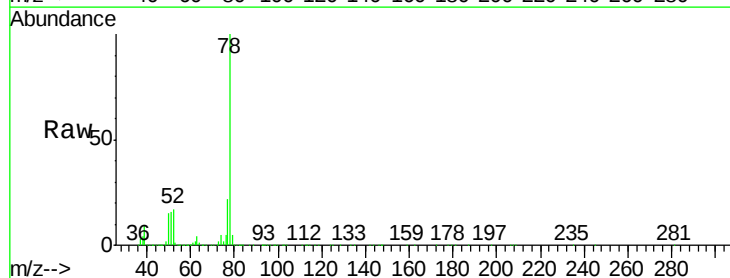
Instrument :
MSVOA_X
ClientSampled :
BFB25

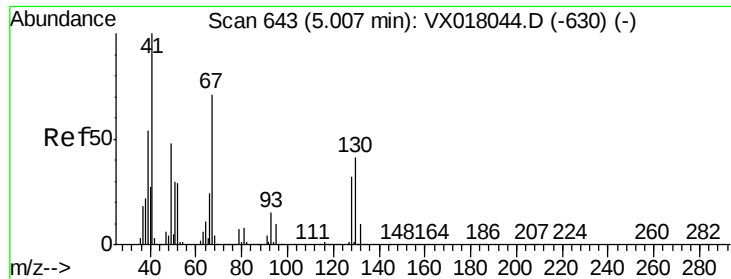
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.8	92.6
98	46.0	36.6	55.0



#40
Benzene
Concen: 51.367 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.2





#41

Methacrylonitrile

Concen: 48.130 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

Tgt Ion: 41 Resp: 177946

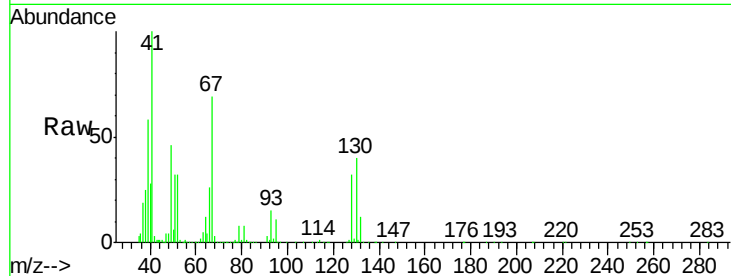
Ion Ratio Lower Upper

41 100

39 57.6 43.1 64.7

67 71.9 56.0 84.0

52 31.3 22.7 34.1

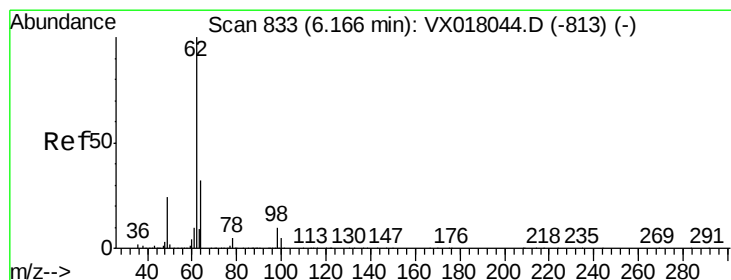
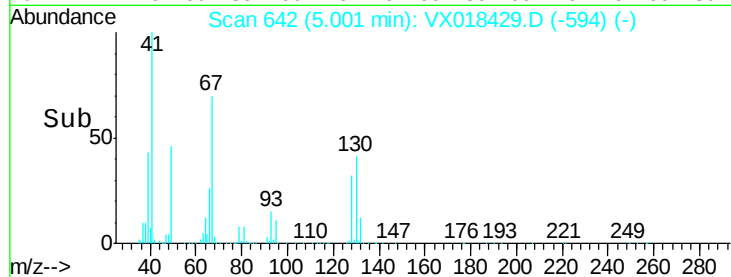
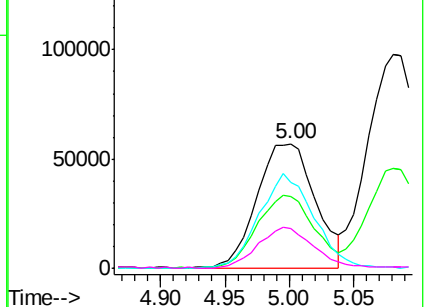


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.165 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX018429.D

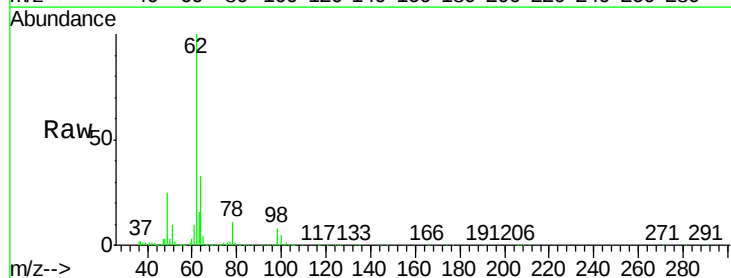
Acq: 16 Sep 2020 10:01

Tgt Ion: 62 Resp: 373112

Ion Ratio Lower Upper

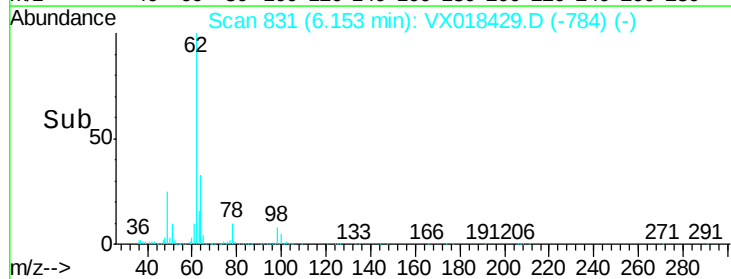
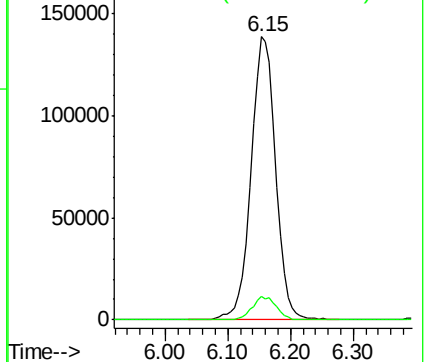
62 100

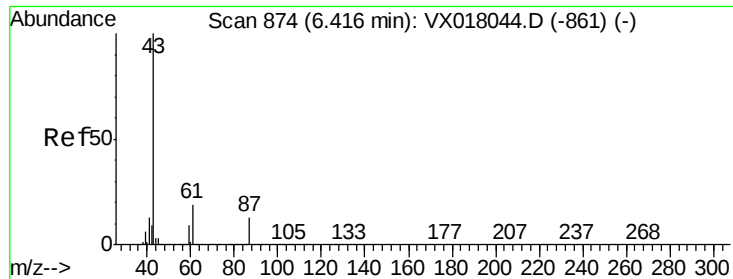
98 8.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.036 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

BFB25

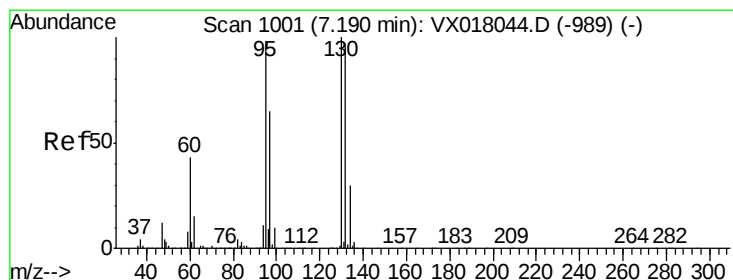
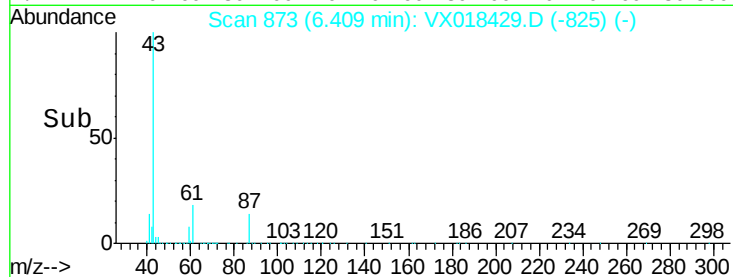
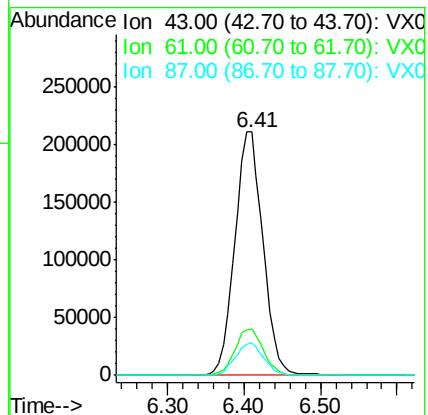
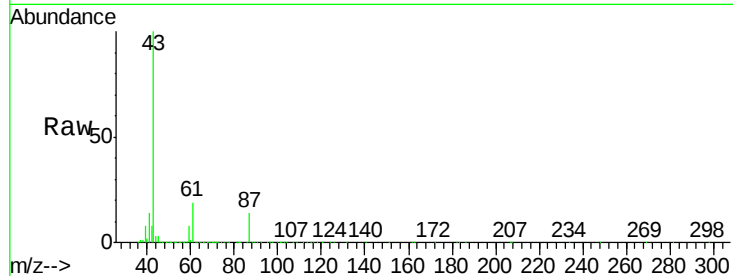
Tgt Ion: 43 Resp: 533306

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

87 13.4 10.3 15.5



#44

Trichloroethene

Concen: 52.516 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018429.D

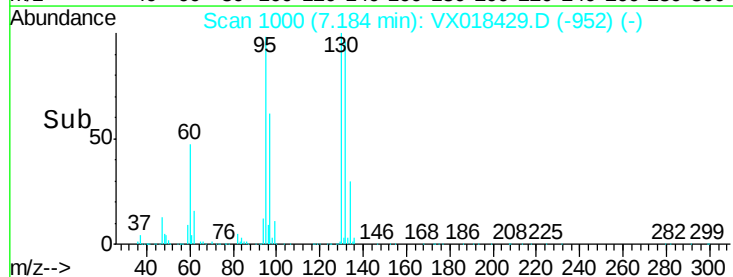
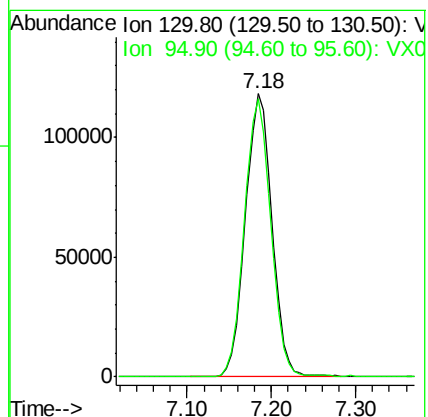
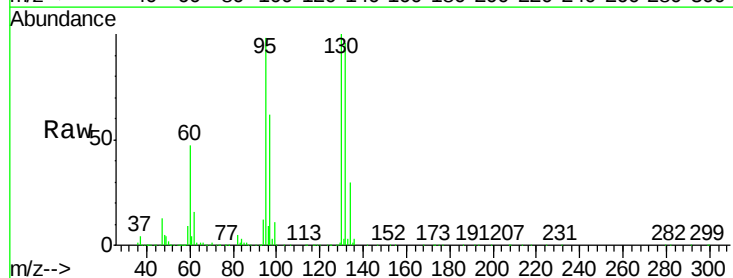
Acq: 16 Sep 2020 10:01

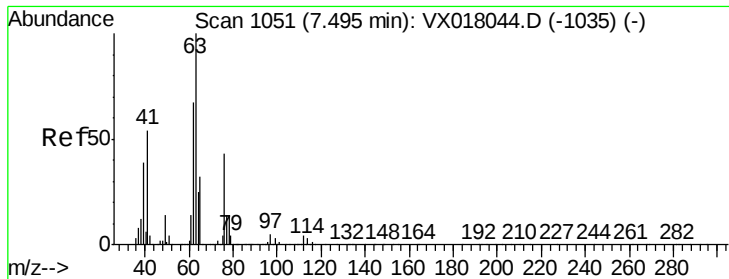
Tgt Ion: 130 Resp: 252786

Ion Ratio Lower Upper

130 100

95 98.2 0.0 196.4





#45

1,2-Dichloropropane

Concen: 51.889 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

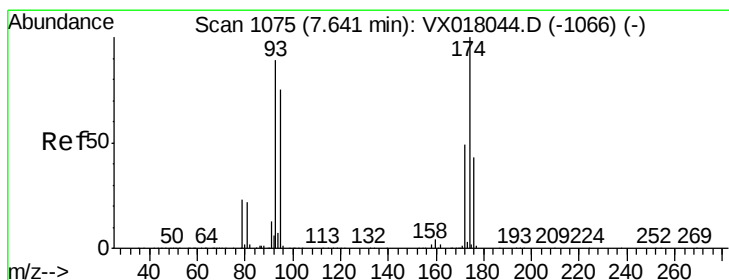
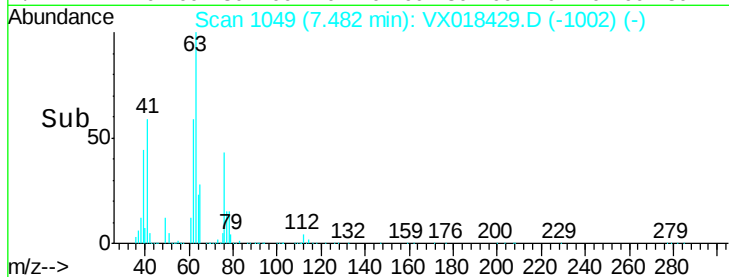
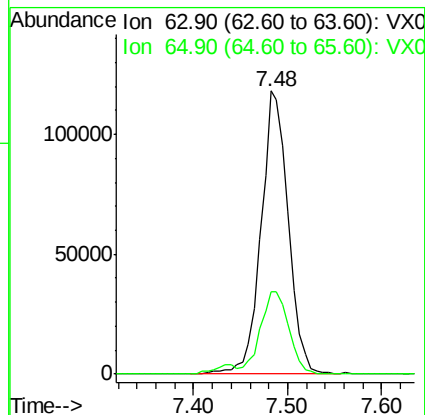
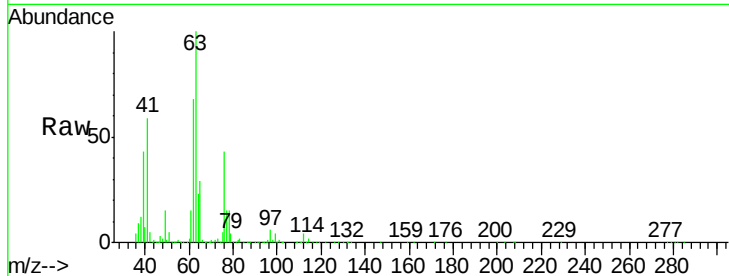
BFB25

Tgt Ion: 63 Resp: 238240

Ion Ratio Lower Upper

63 100

65 28.9 25.7 38.5



#46

Dibromomethane

Concen: 52.282 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

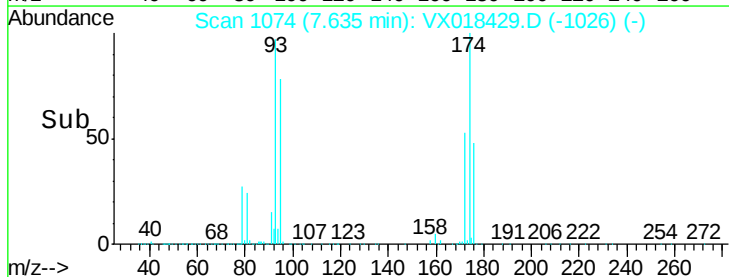
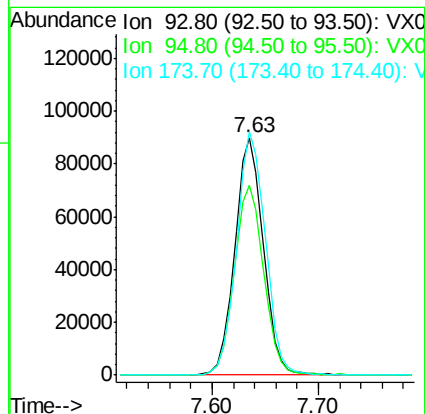
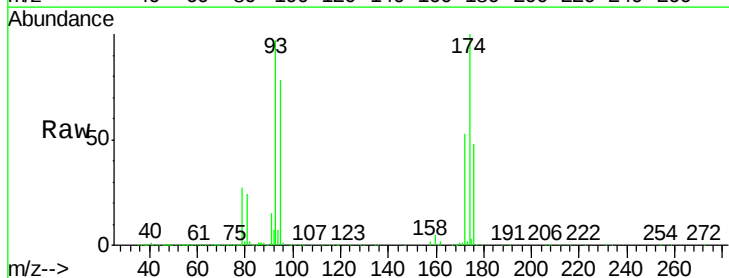
Tgt Ion: 93 Resp: 168804

Ion Ratio Lower Upper

93 100

95 82.4 67.3 100.9

174 103.9 82.2 123.2





#47

Bromodichloromethane

Concen: 55.744 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

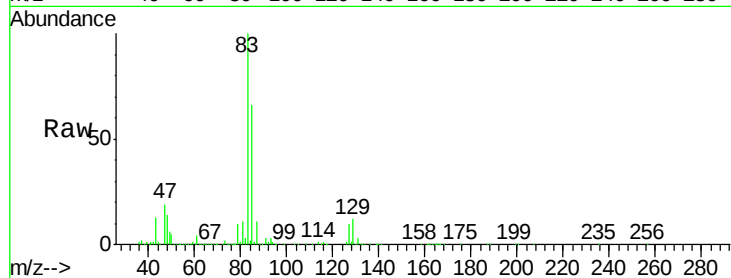
Tgt Ion: 83 Resp: 359365

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

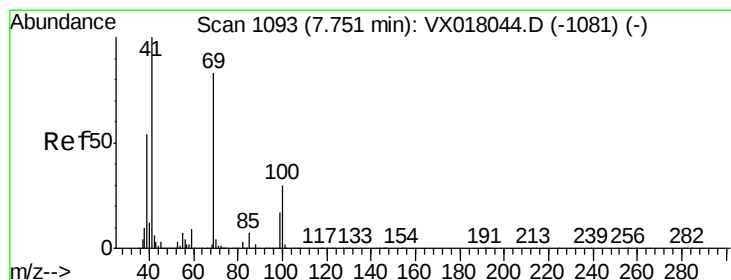
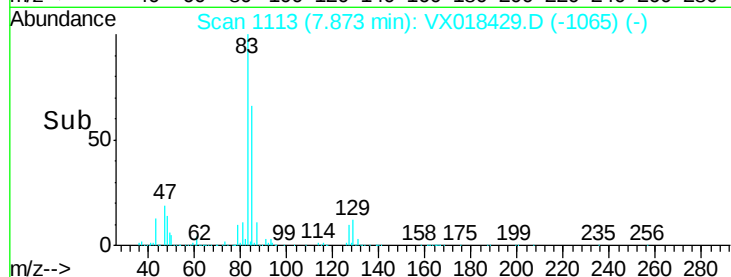
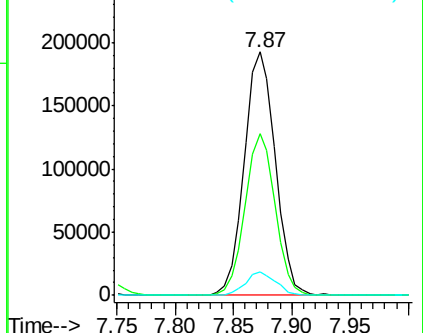
127 9.7 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.038 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

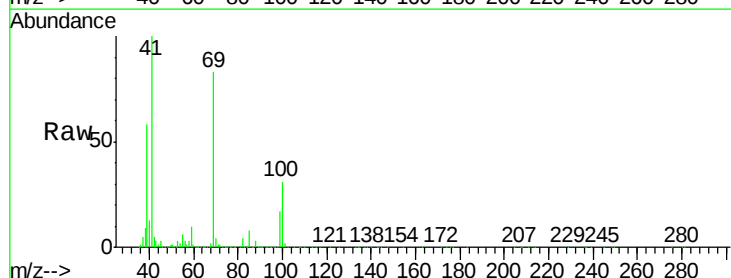
Tgt Ion: 41 Resp: 270908

Ion Ratio Lower Upper

41 100

69 81.8 65.5 98.3

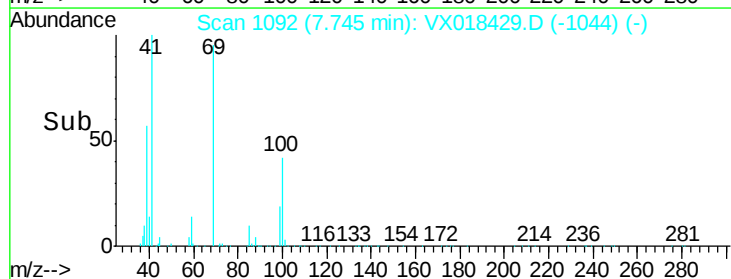
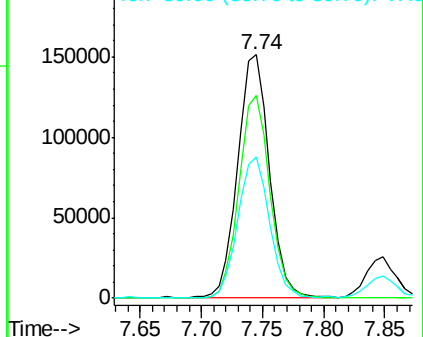
39 57.5 44.5 66.7

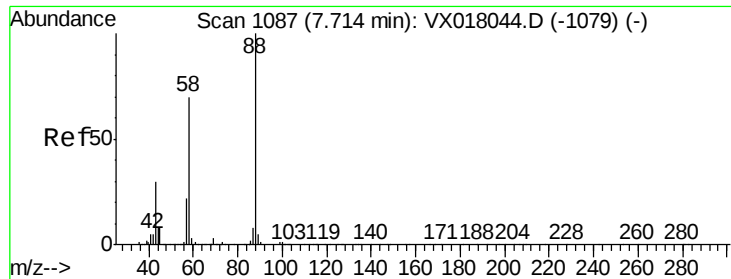


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

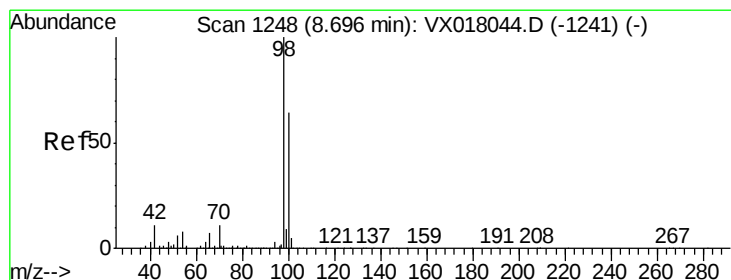
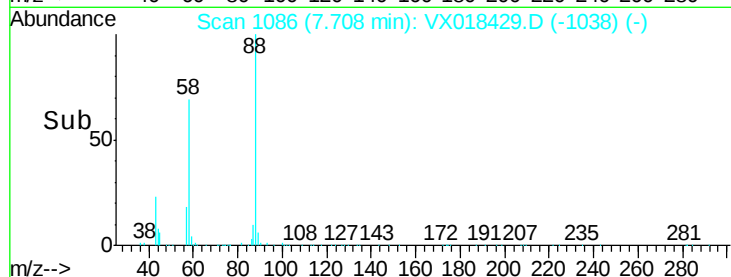
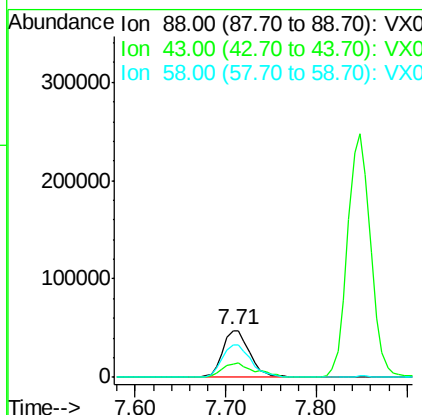
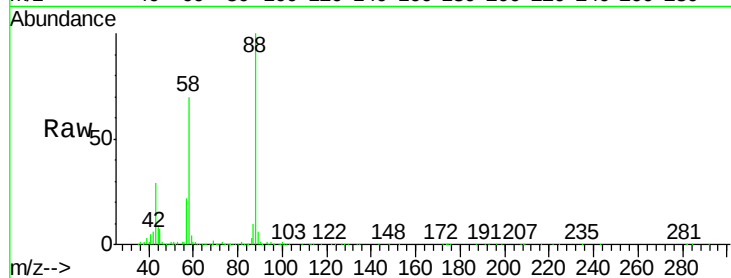




#49
1,4-Dioxane
Concen: 1011.906 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

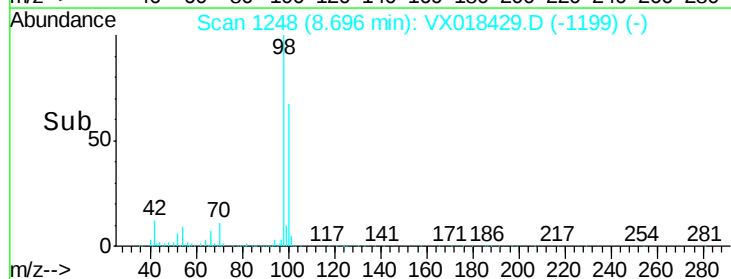
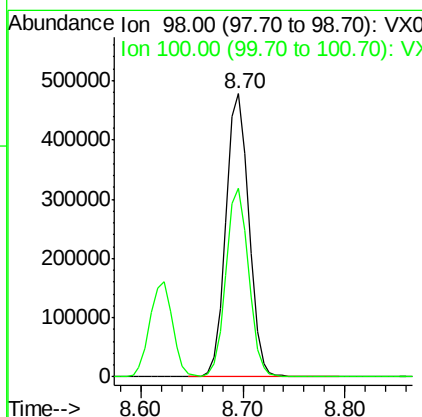
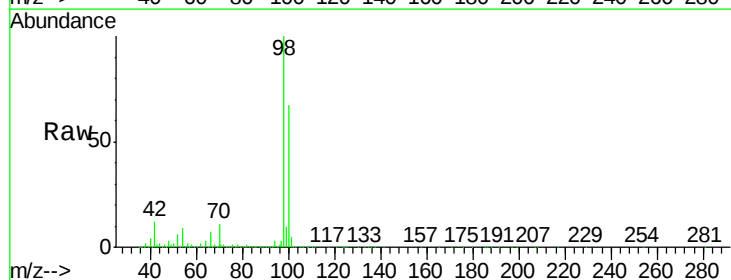
Instrument :
MSVOA_X
ClientSampleId :
BFB25

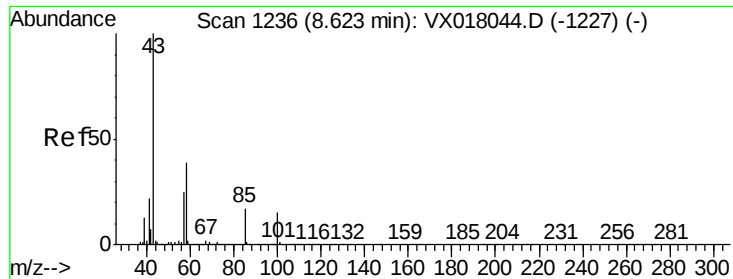
Tgt Ion: 88 Resp: 99239
Ion Ratio Lower Upper
88 100
43 36.2 27.4 41.0
58 73.8 56.4 84.6



#50
Toluene-d8
Concen: 46.654 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 98 Resp: 743864
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 247.674 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

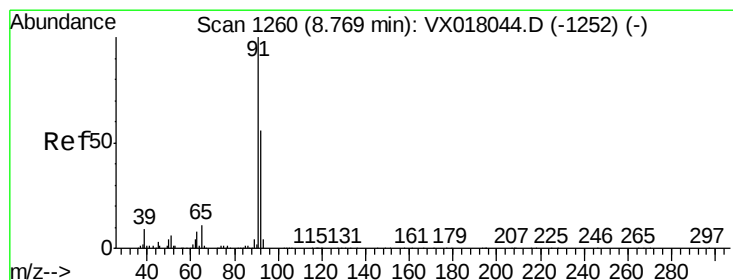
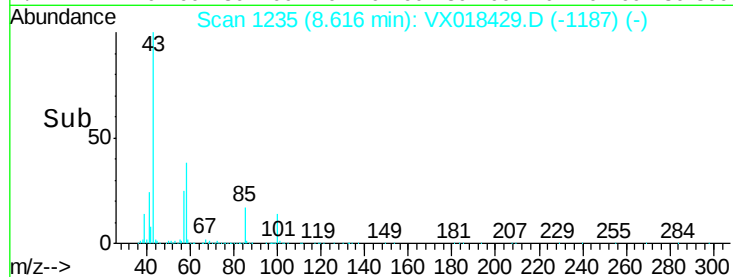
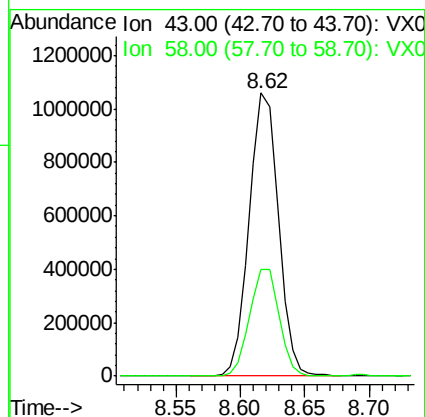
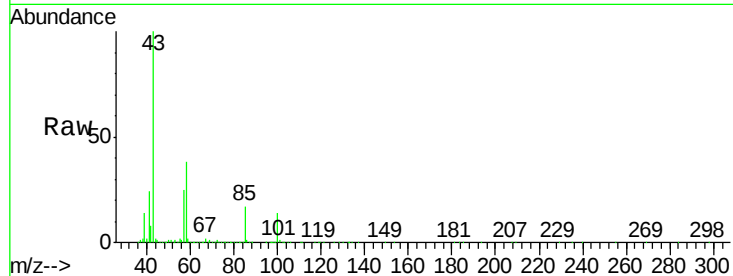
BFB25

Tgt Ion: 43 Resp: 1663900

Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1



#52

Toluene

Concen: 52.384 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018429.D

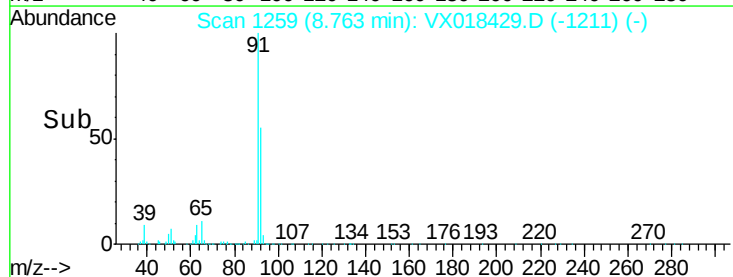
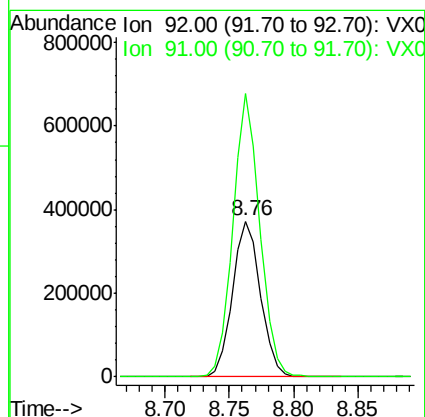
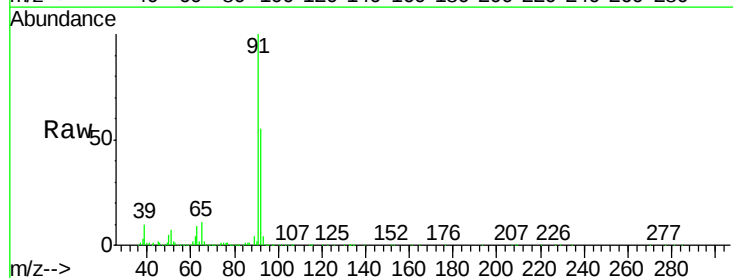
Acq: 16 Sep 2020 10:01

Tgt Ion: 92 Resp: 565859

Ion Ratio Lower Upper

92 100

91 174.5 140.3 210.5

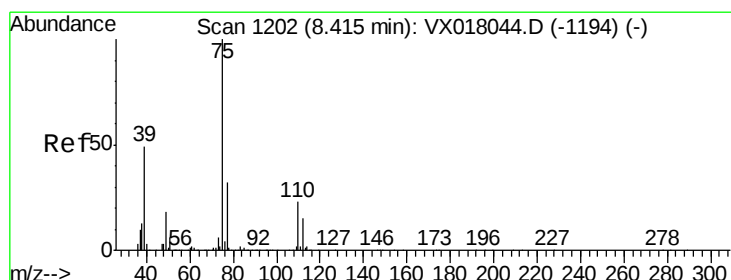
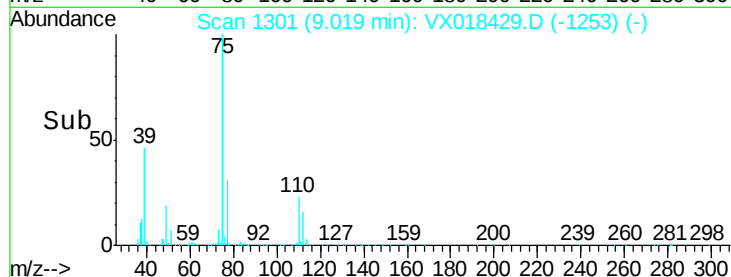
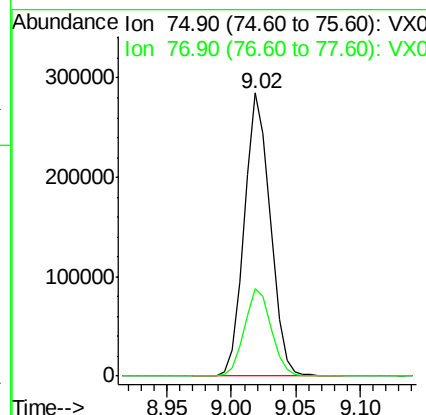
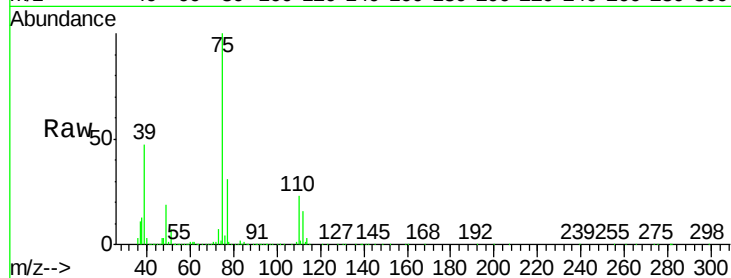




#53
 t-1,3-Dichloropropene
 Concen: 55.513 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

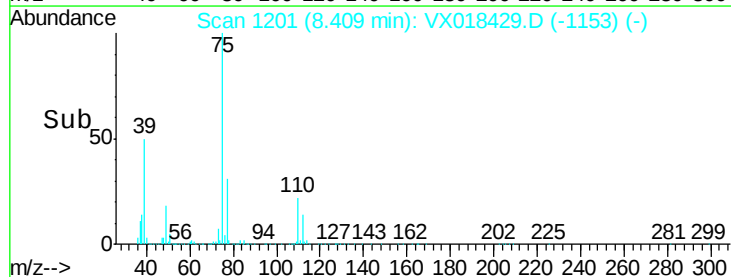
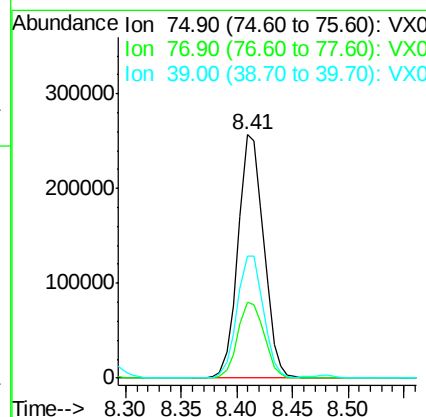
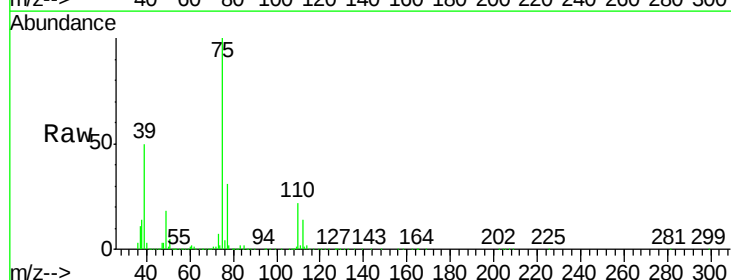
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

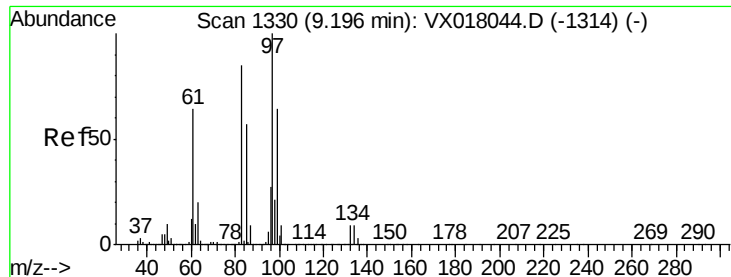
Tgt Ion: 75 Resp: 396637
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.509 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 412574
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 52.396 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

Tgt Ion: 97 Resp: 241391

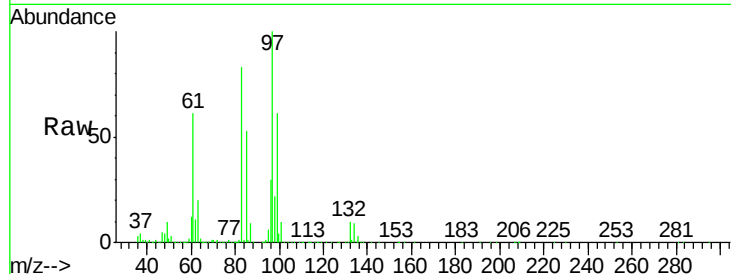
Ion Ratio Lower Upper

97 100

83 83.3 67.8 101.6

85 53.2 45.3 67.9

99 60.9 50.9 76.3

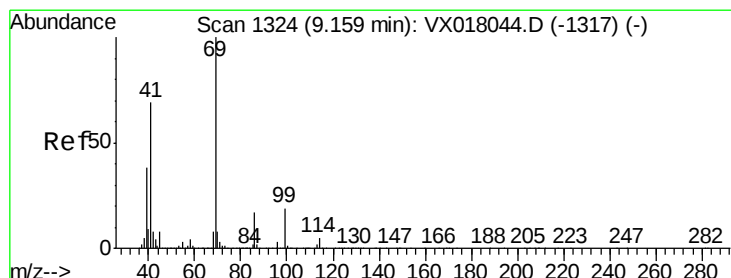
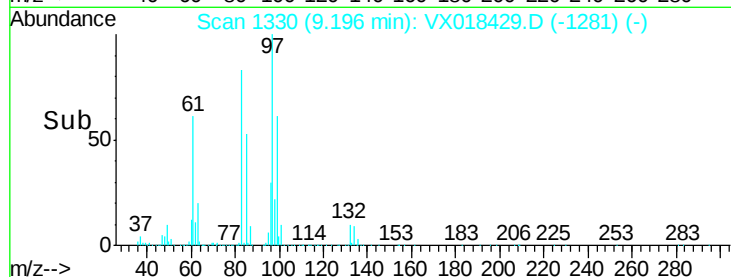
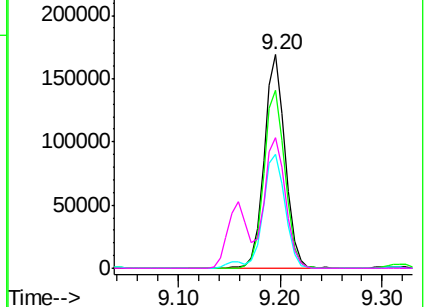


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.959 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

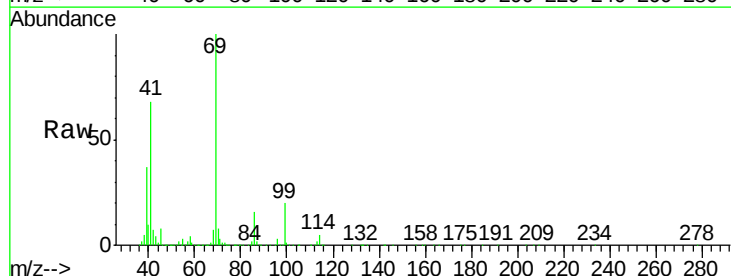
Tgt Ion: 69 Resp: 355857

Ion Ratio Lower Upper

69 100

41 68.3 54.6 81.8

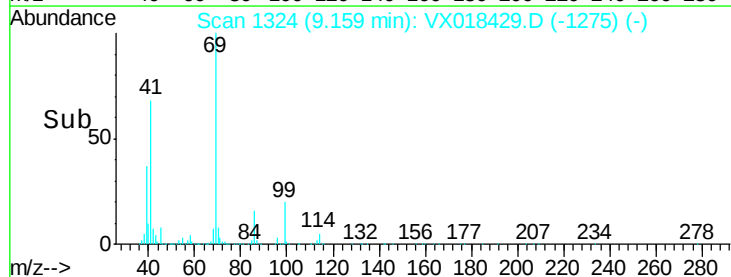
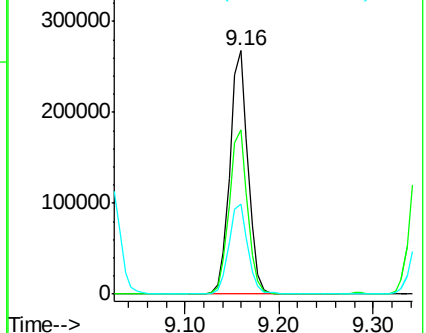
39 38.3 29.1 43.7

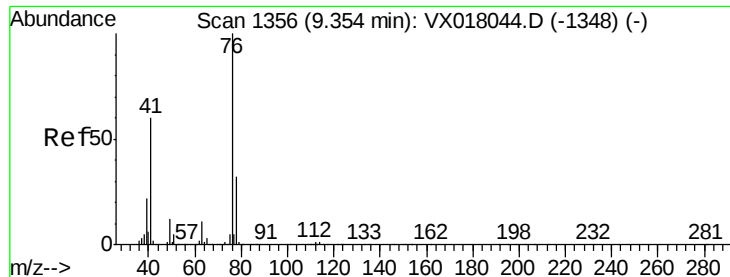


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.645 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

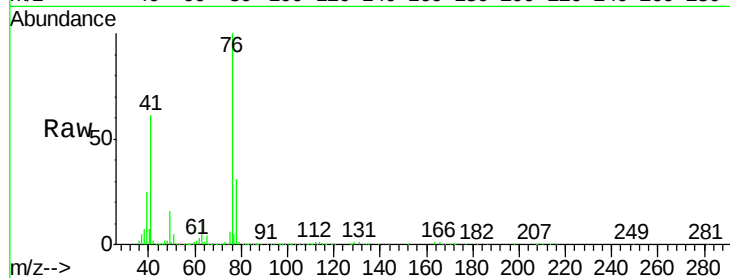
BFB25

Tgt Ion: 76 Resp: 400028

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

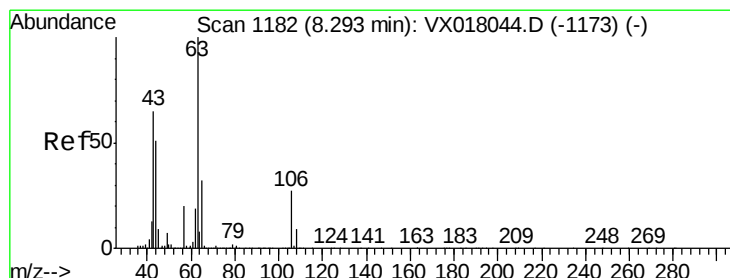
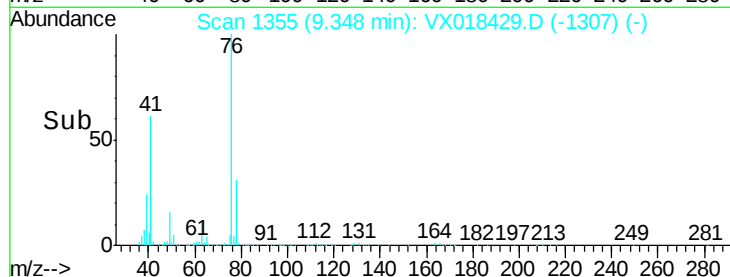
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 296.107 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018429.D

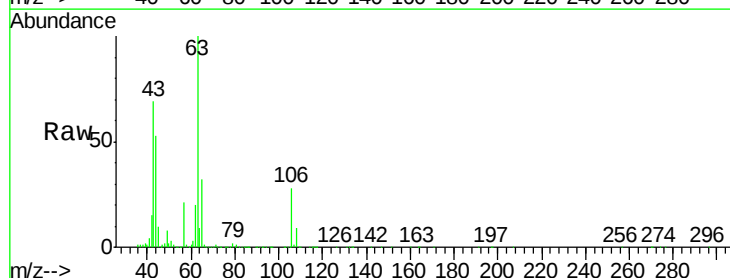
Acq: 16 Sep 2020 10:01

Tgt Ion: 63 Resp: 912283

Ion Ratio Lower Upper

63 100

106 28.5 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

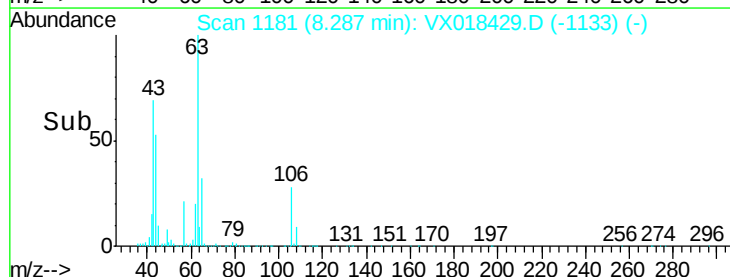
600000

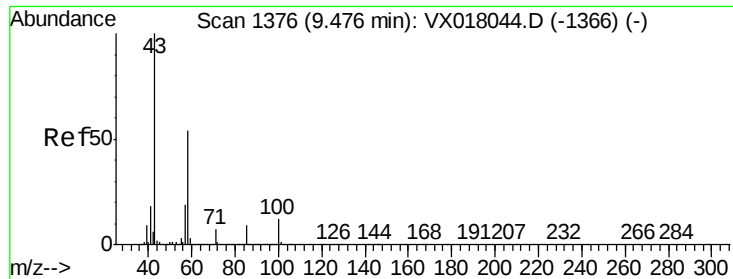
400000

200000

0

Time-->

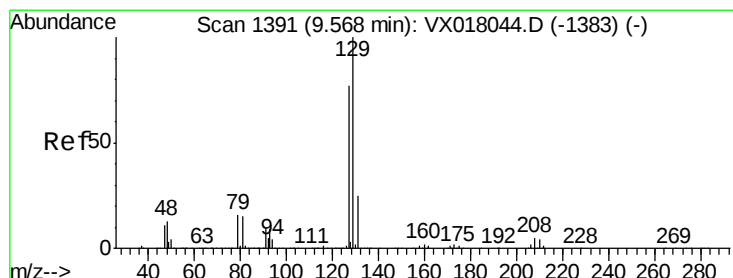
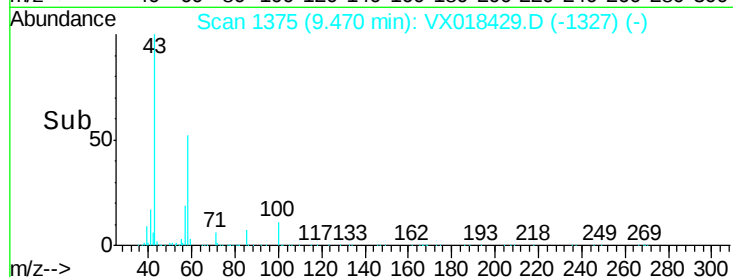
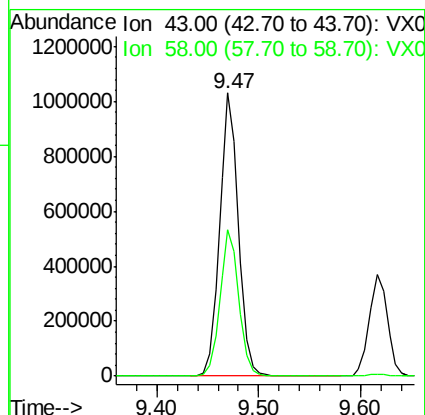
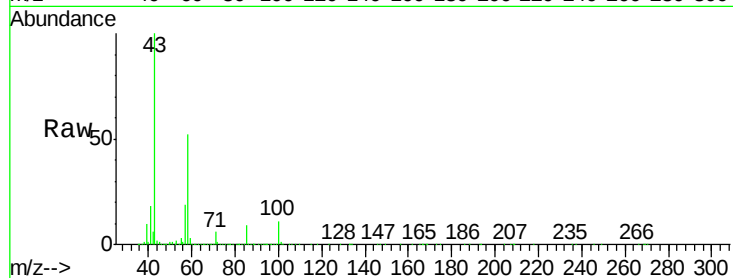




#59
2-Hexanone
Concen: 259.092 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

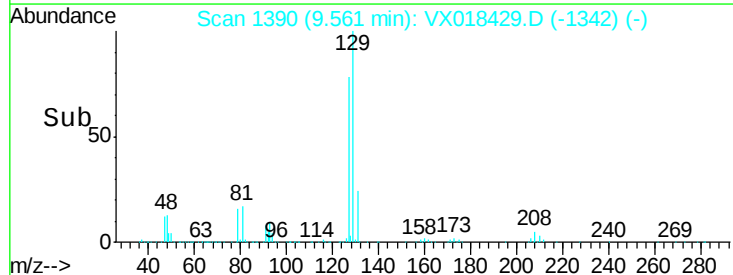
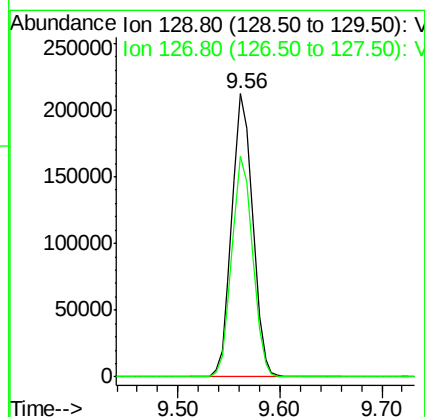
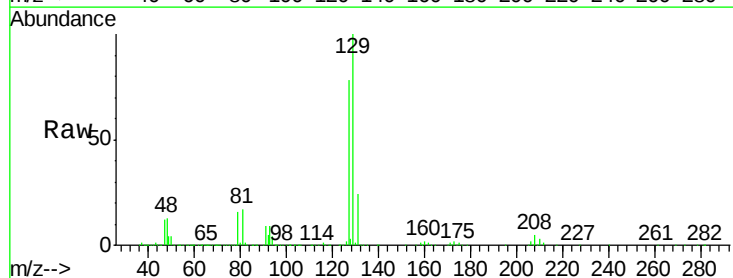
Instrument :
MSVOA_X
ClientSampleId :
BFB25

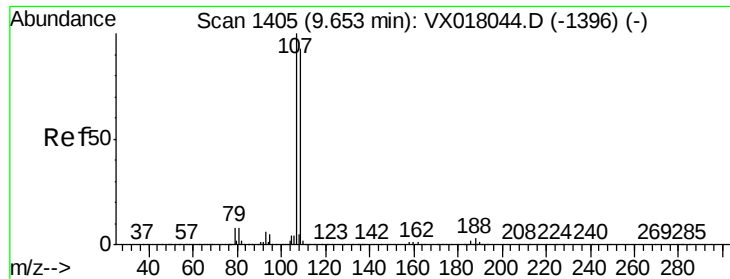
Tgt Ion: 43 Resp: 1323530
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 55.733 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 129 Resp: 301208
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.706 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

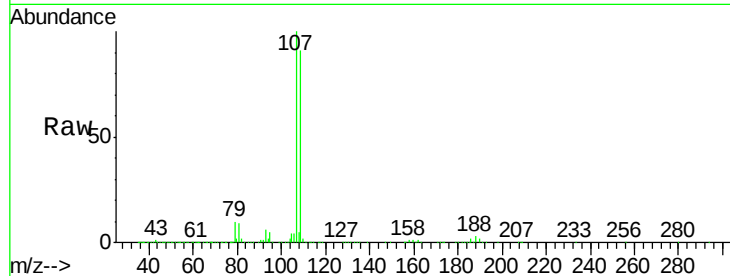
BFB25

Tgt Ion: 107 Resp: 258615

Ion Ratio Lower Upper

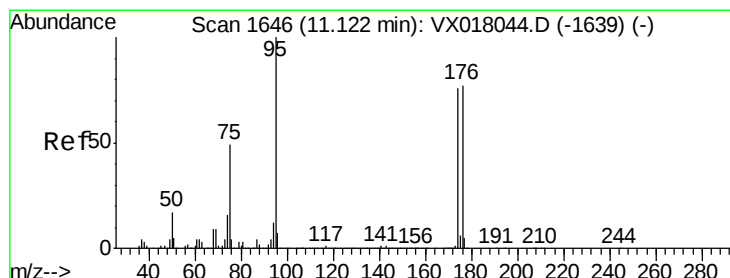
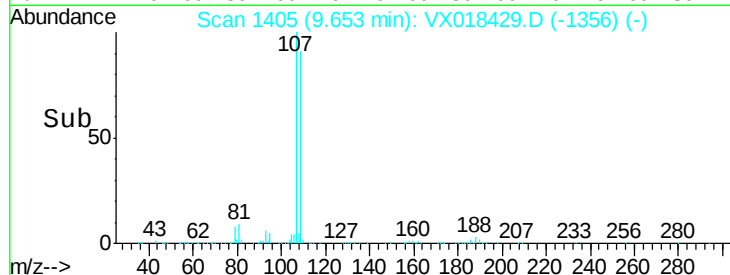
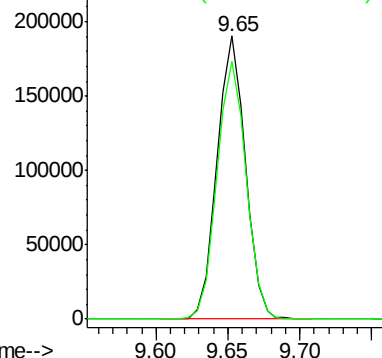
107 100

109 93.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

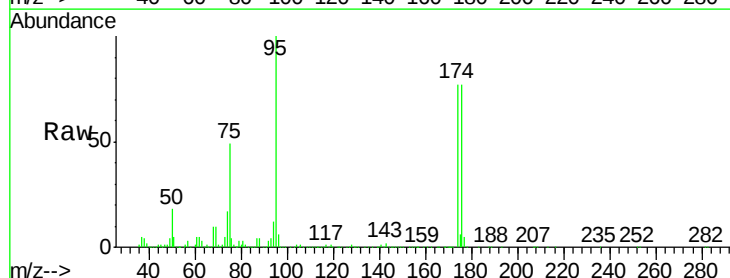
Tgt Ion: 95 Resp: 316005

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

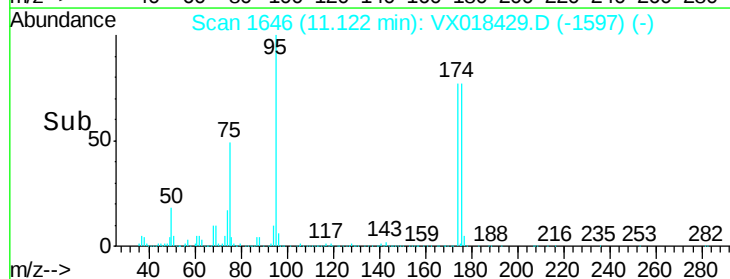
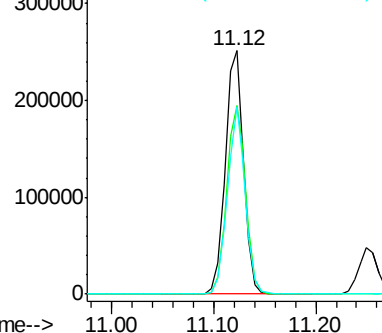
176 74.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

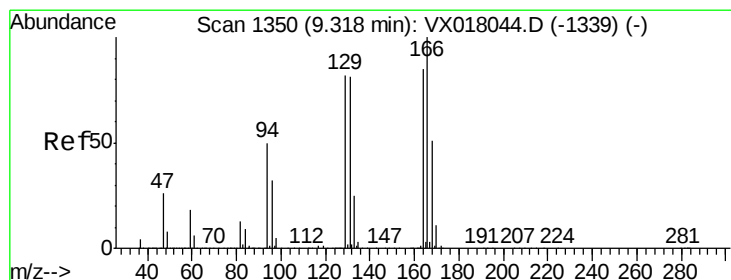
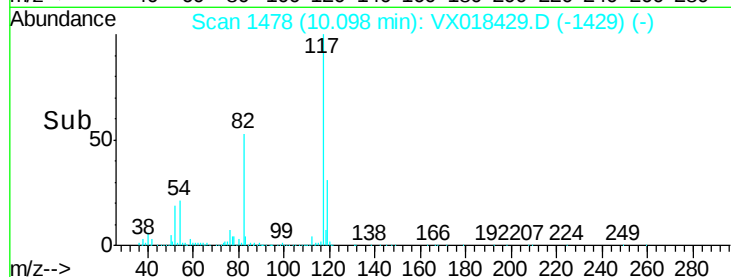
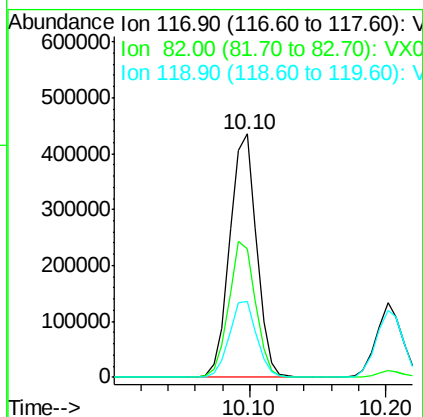
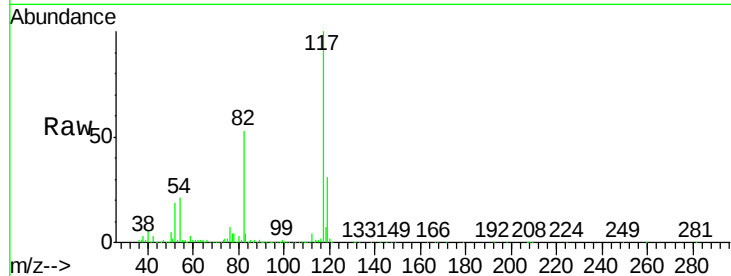




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

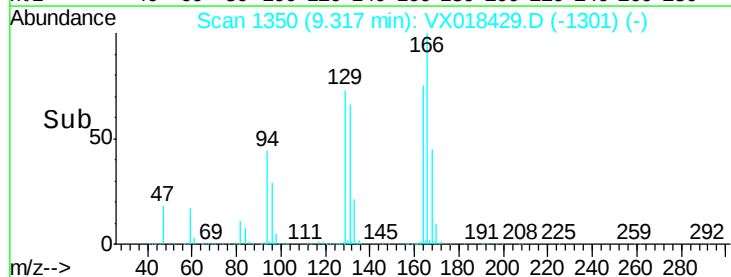
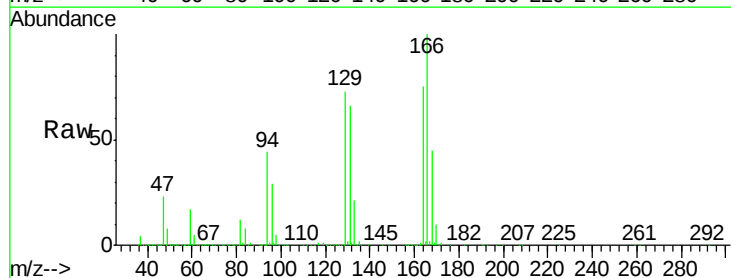
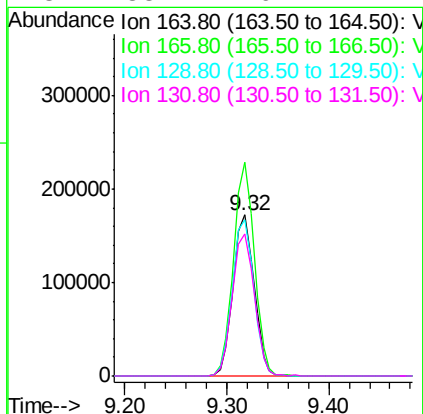
Instrument :
MSVOA_X
ClientSampled :
BFB25

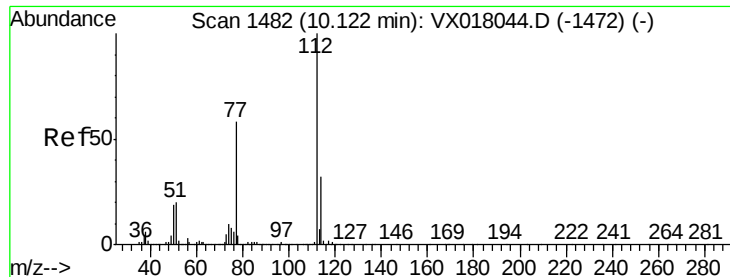
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.2	66.2
119	31.2	25.7	38.5



#64
Tetrachloroethene
Concen: 56.143 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	94.2	141.2
129	97.1	76.9	115.3
131	88.1	76.1	114.1





#65

Chlorobenzene

Concen: 54.494 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

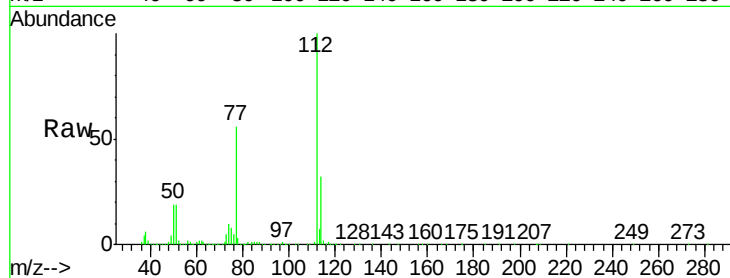
BFB25

Tgt Ion:112 Resp: 647344

Ion Ratio Lower Upper

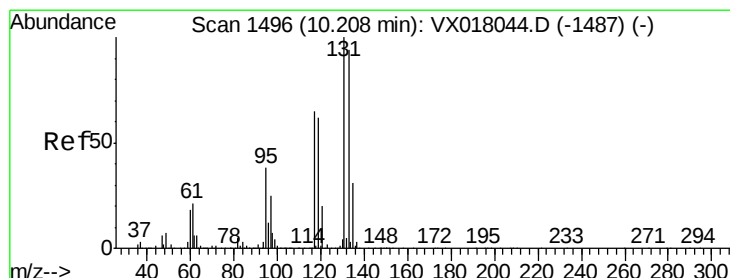
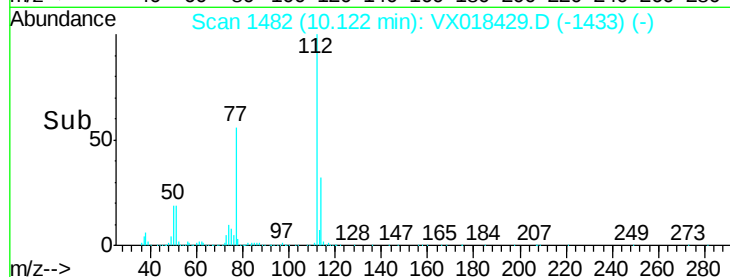
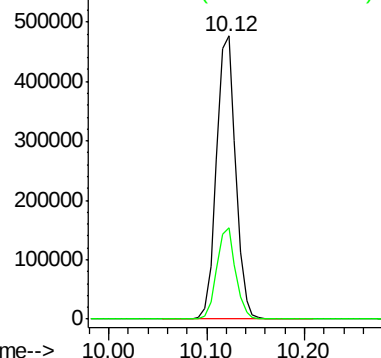
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.577 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

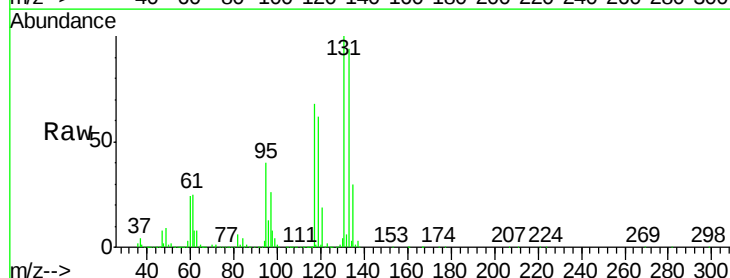
Tgt Ion:131 Resp: 264898

Ion Ratio Lower Upper

131 100

133 93.5 46.7 140.1

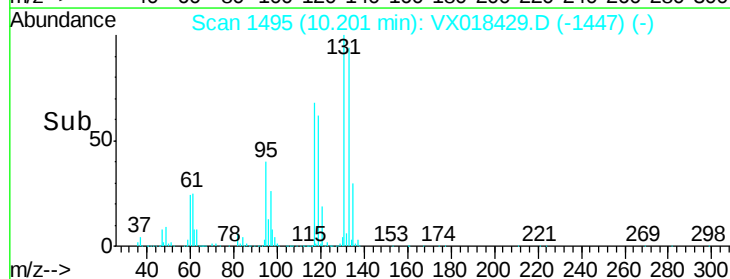
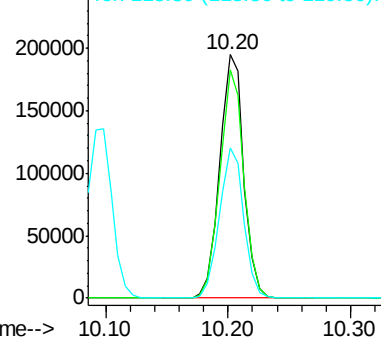
119 62.4 31.8 95.4

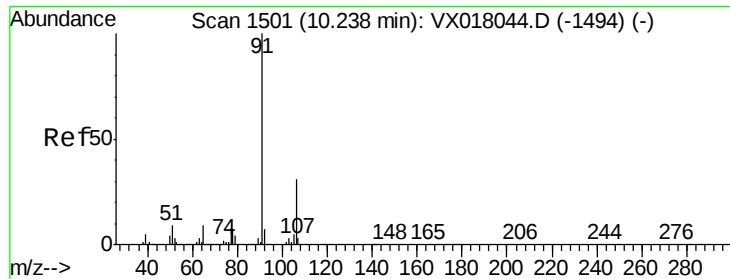


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 55.140 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

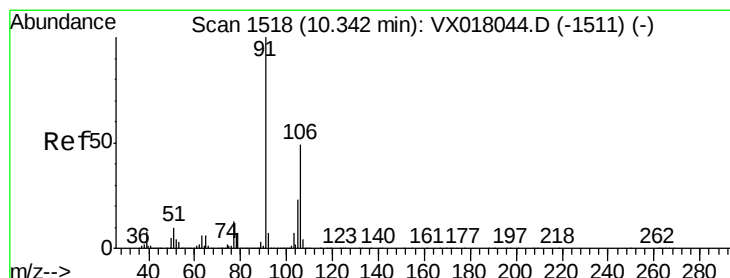
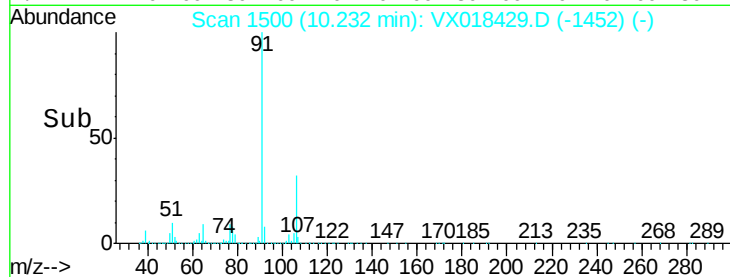
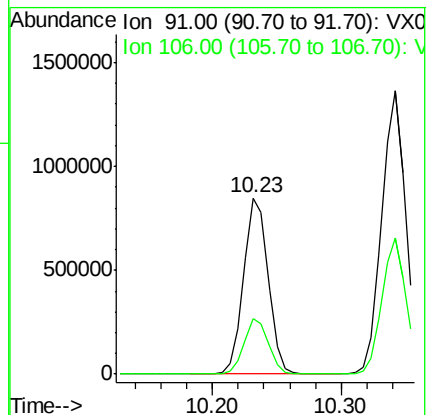
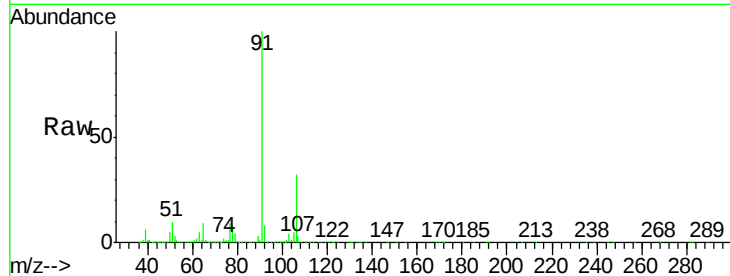
BFB25

Tgt Ion: 91 Resp: 1113929

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 112.224 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018429.D

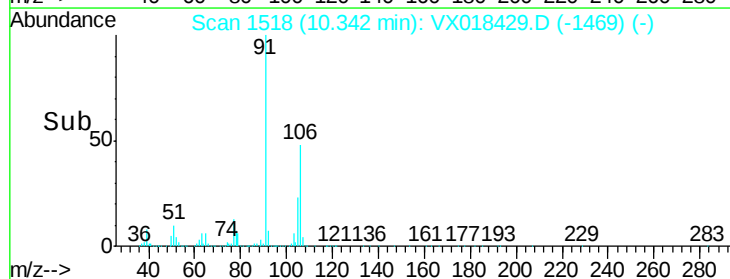
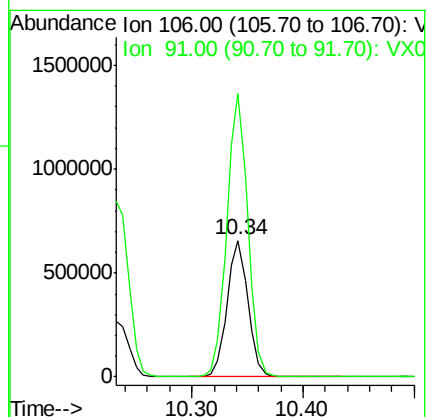
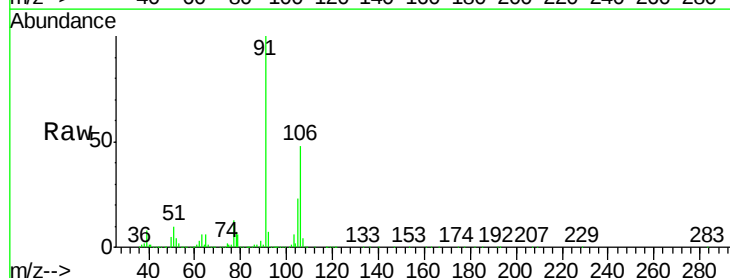
Acq: 16 Sep 2020 10:01

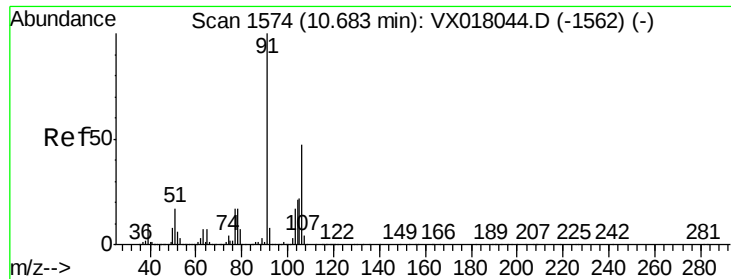
Tgt Ion: 106 Resp: 846199

Ion Ratio Lower Upper

106 100

91 208.1 162.2 243.2

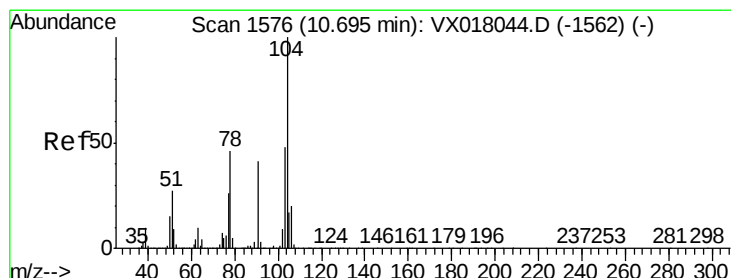
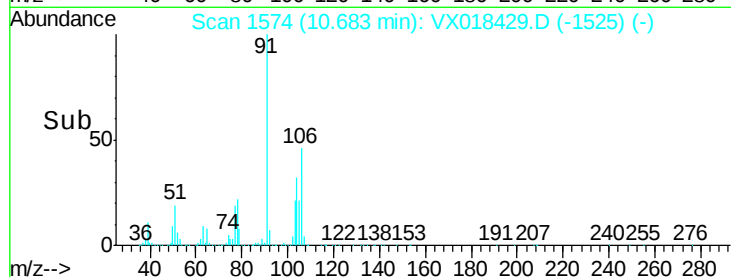
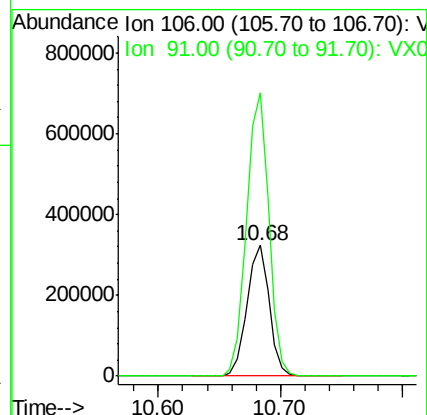
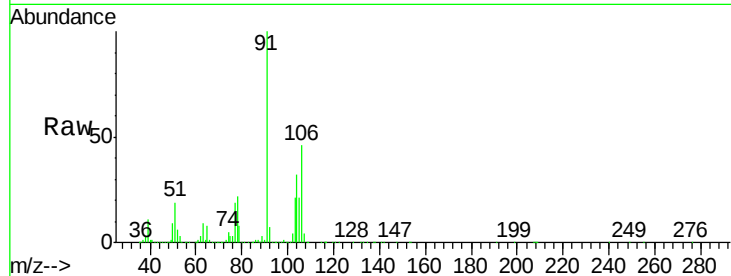




#69
o-Xylene
Concen: 55.394 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

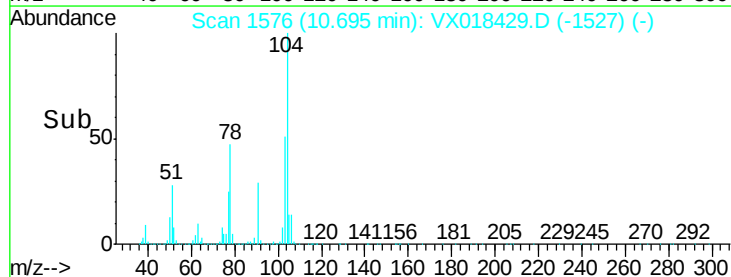
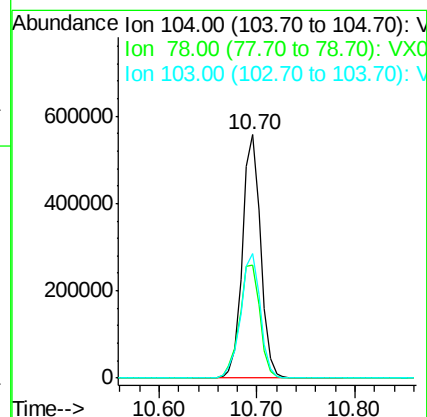
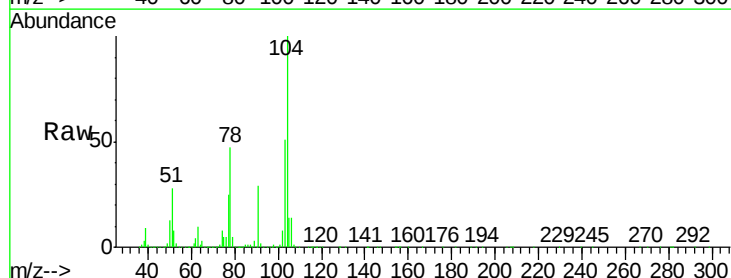
Instrument :
MSVOA_X
ClientSampled :
BFB25

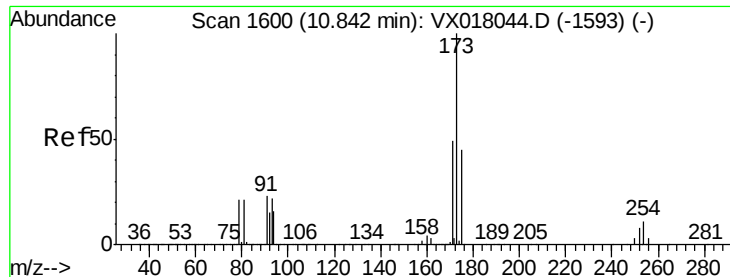
Tgt Ion:106 Resp: 404900
Ion Ratio Lower Upper
106 100
91 218.1 107.1 321.3



#70
Styrene
Concen: 57.675 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:104 Resp: 717932
Ion Ratio Lower Upper
104 100
78 52.5 40.9 61.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 57.695 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

BFB25

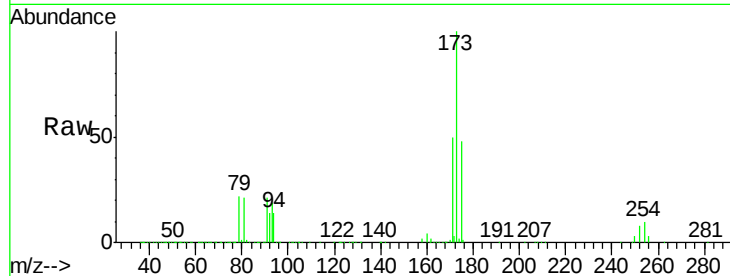
Tgt Ion:173 Resp: 230411

Ion Ratio Lower Upper

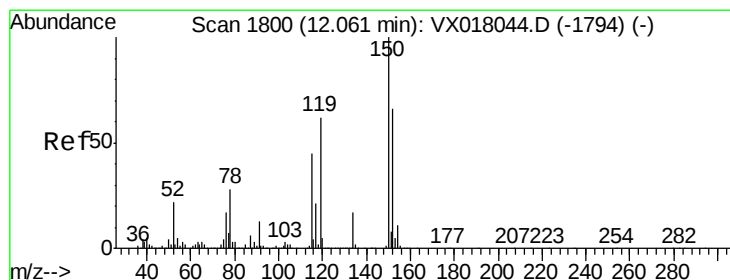
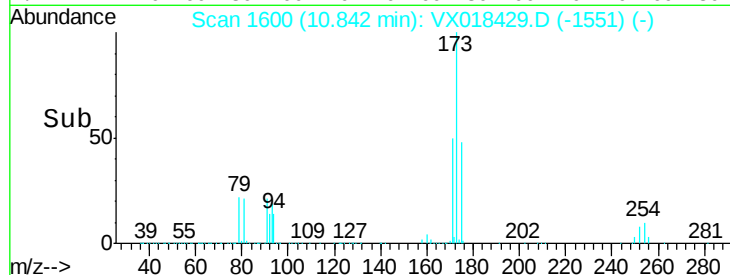
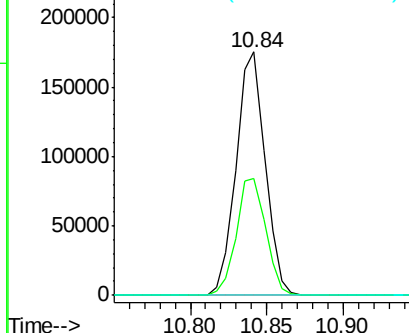
173 100

175 49.2 23.9 71.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

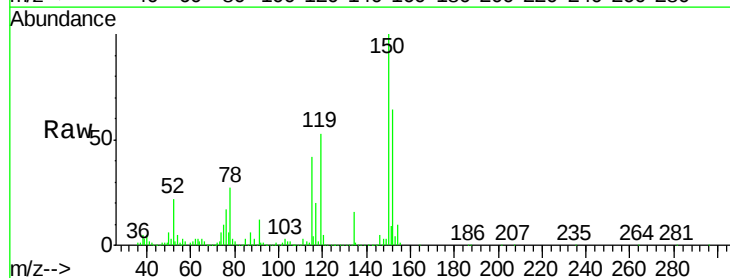
Tgt Ion:152 Resp: 335693

Ion Ratio Lower Upper

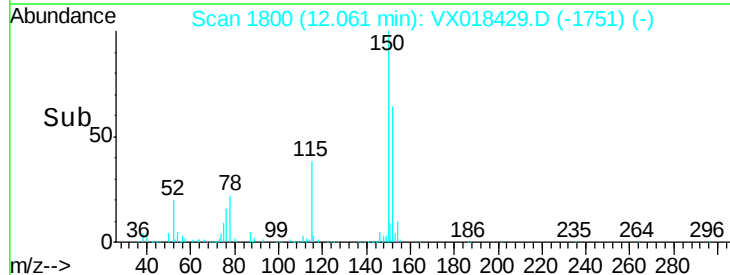
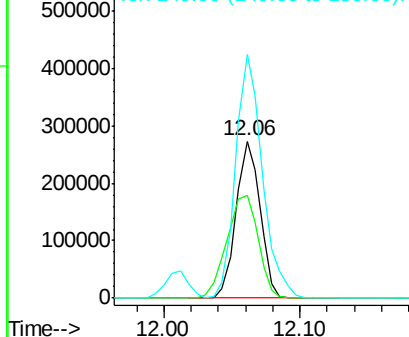
152 100

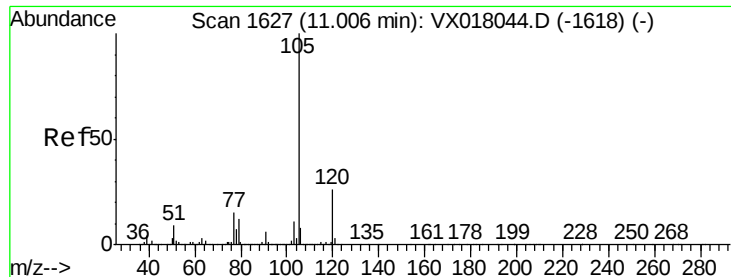
115 85.0 41.5 124.5

150 172.2 0.0 343.8



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





#73

Isopropylbenzene

Concen: 51.202 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

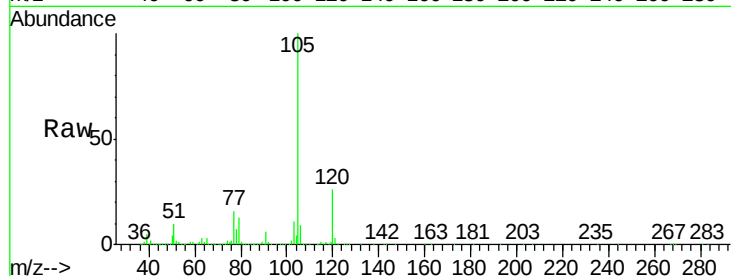
BFB25

Tgt Ion: 105 Resp: 1133745

Ion Ratio Lower Upper

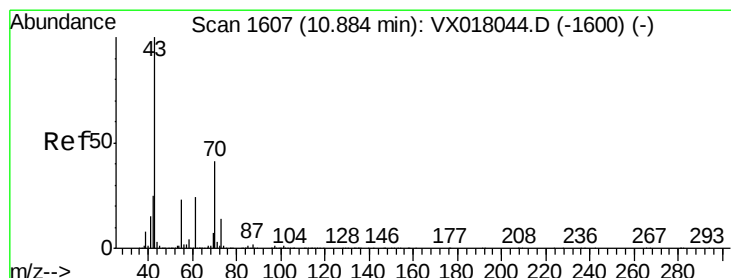
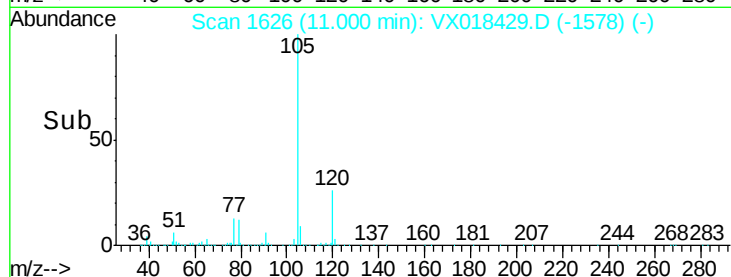
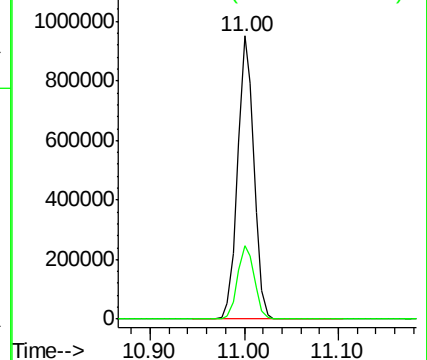
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.173 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 485094

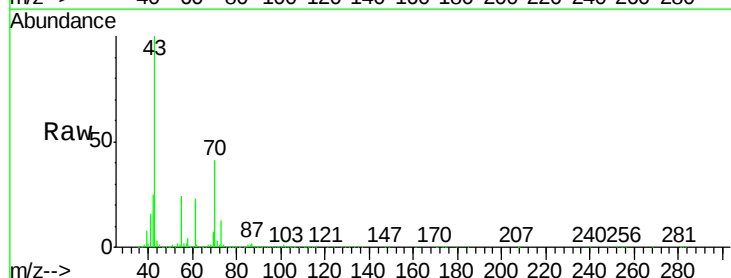
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.3 18.2 27.2

61 23.3 18.9 28.3

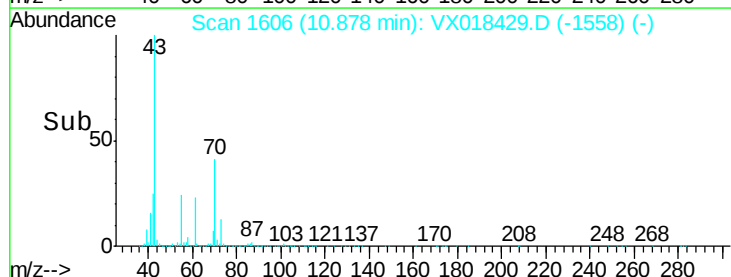
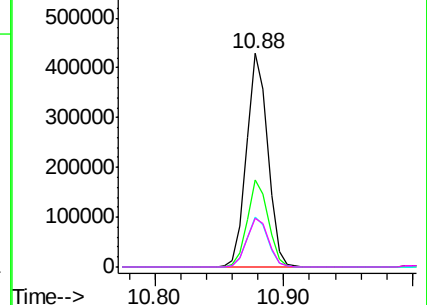


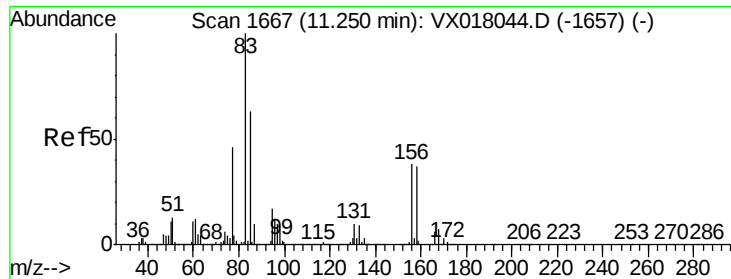
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.188 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

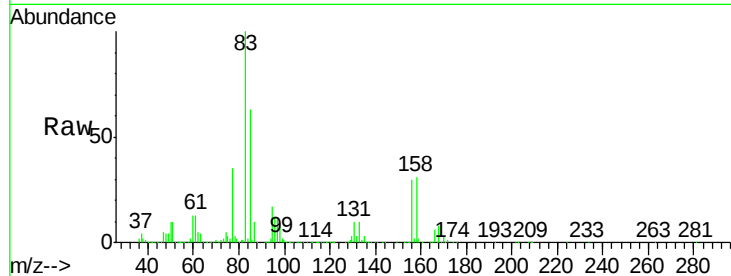
Tgt Ion: 83 Resp: 360783

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

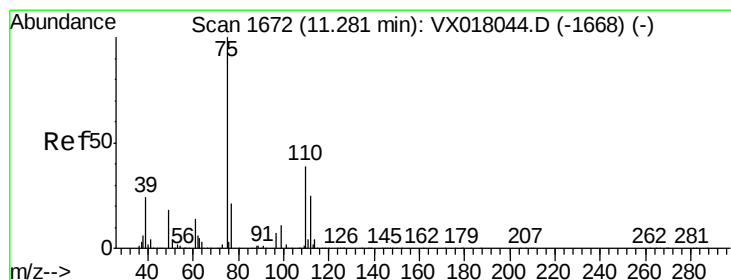
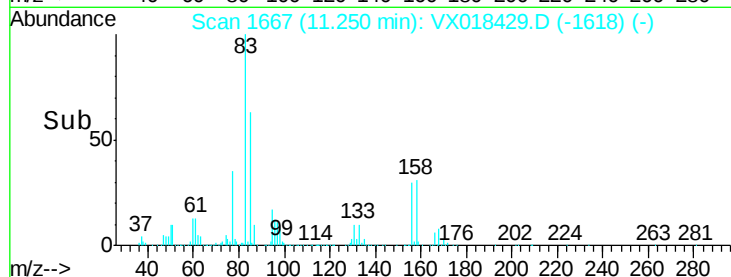
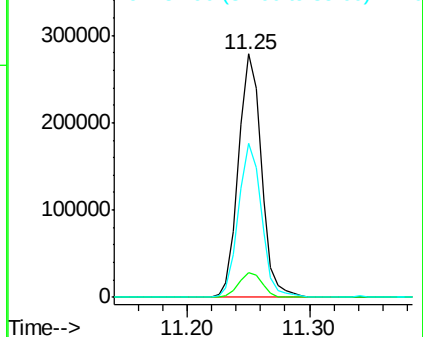
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.759 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018429.D

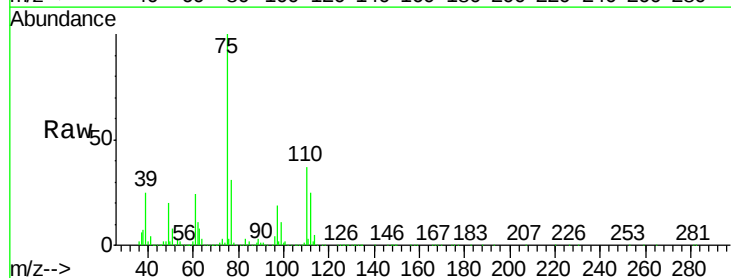
Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 453727

Ion Ratio Lower Upper

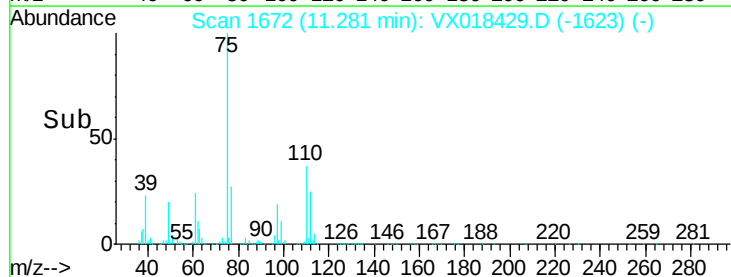
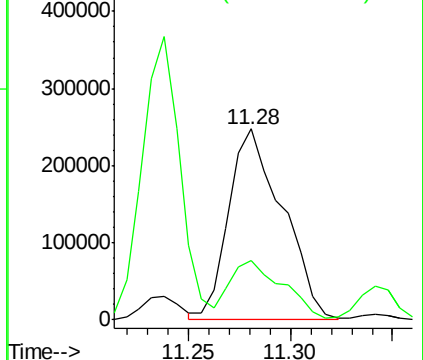
75 100

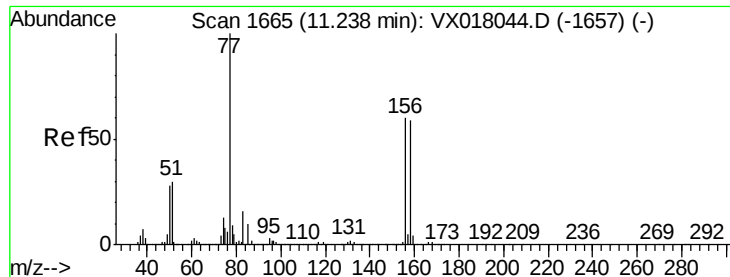
77 30.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.375 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

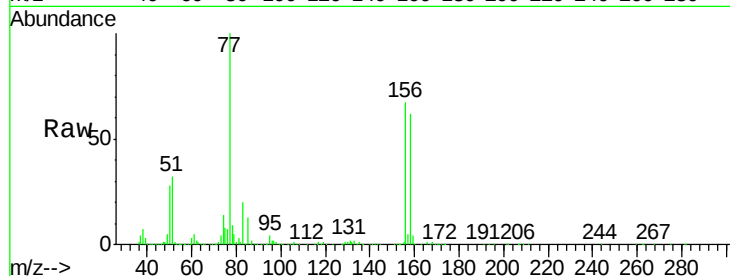
Tgt Ion: 156 Resp: 302211

Ion Ratio Lower Upper

156 100

77 157.1 80.0 240.2

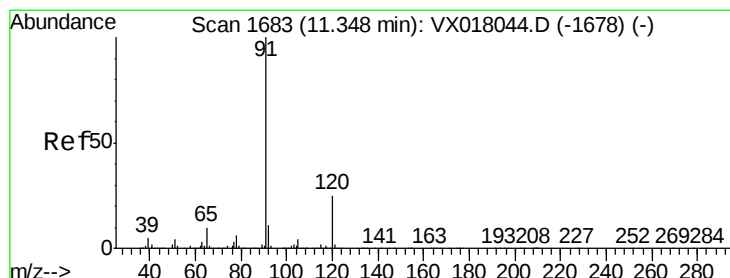
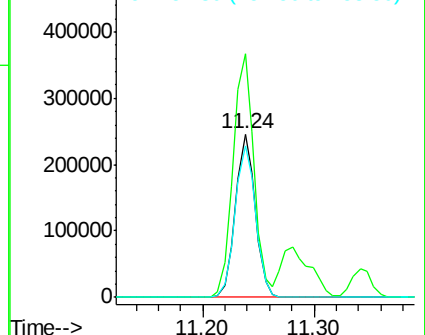
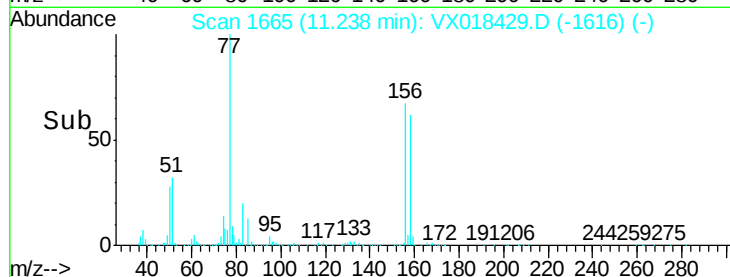
158 96.5 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.333 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018429.D

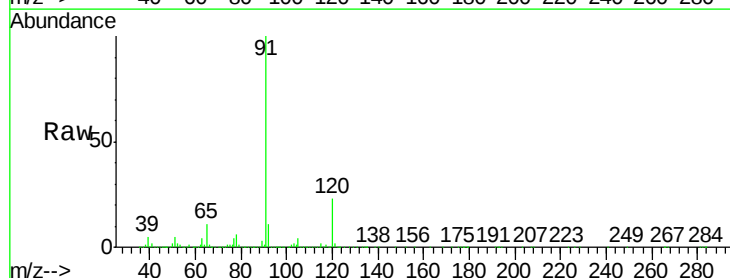
Acq: 16 Sep 2020 10:01

Tgt Ion: 91 Resp: 1340887

Ion Ratio Lower Upper

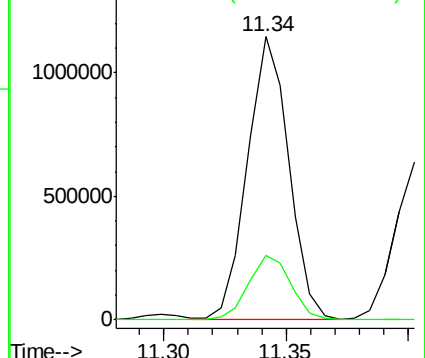
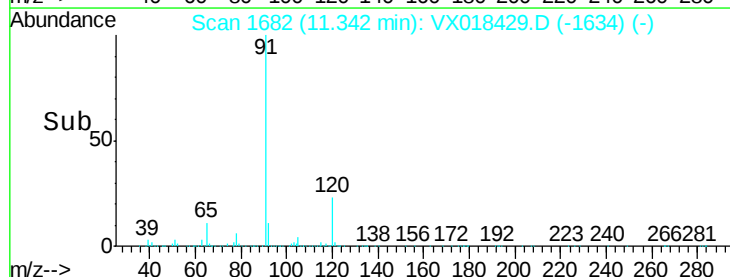
91 100

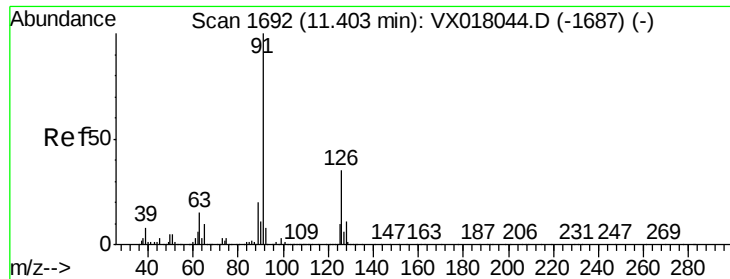
120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.324 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

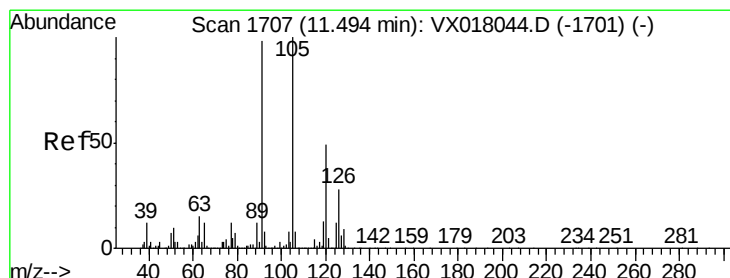
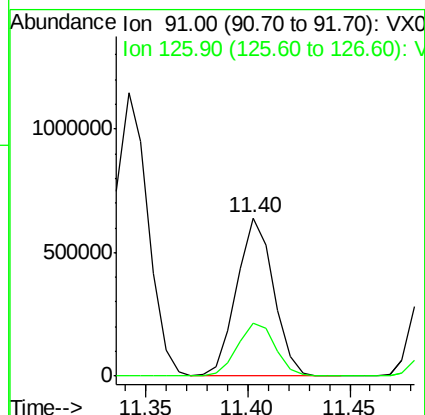
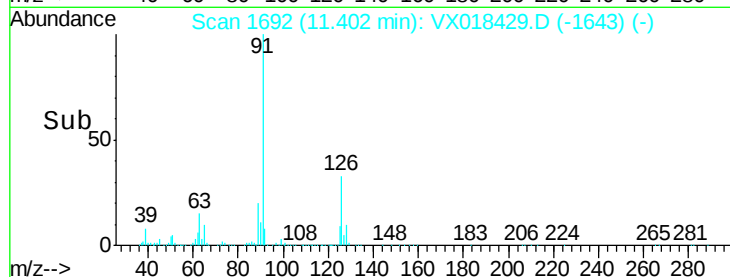
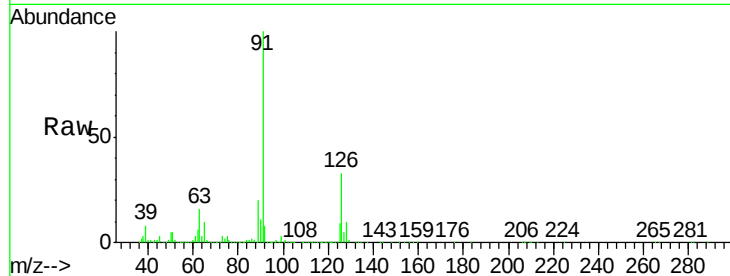
BFB25

Tgt Ion: 91 Resp: 797229

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 54.402 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018429.D

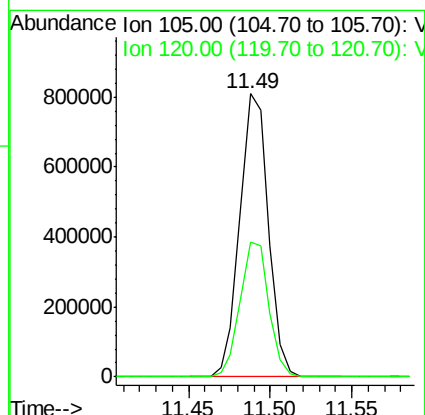
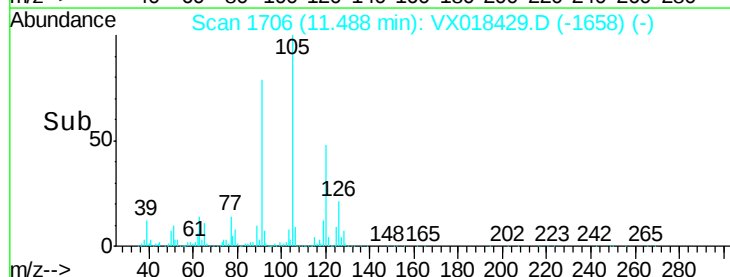
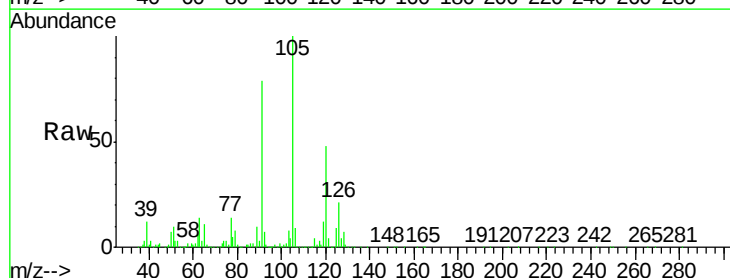
Acq: 16 Sep 2020 10:01

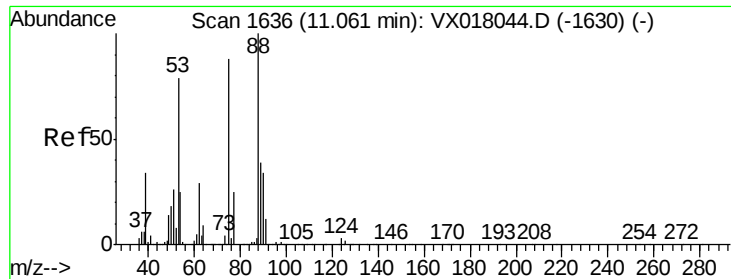
Tgt Ion: 105 Resp: 989897

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.264 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

BFB25

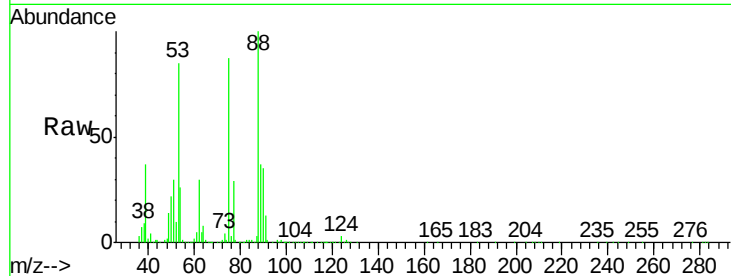
Tgt Ion: 75 Resp: 133447

Ion Ratio Lower Upper

75 100

53 97.9 74.7 112.1

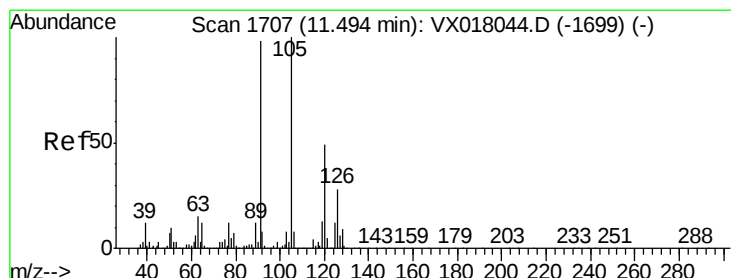
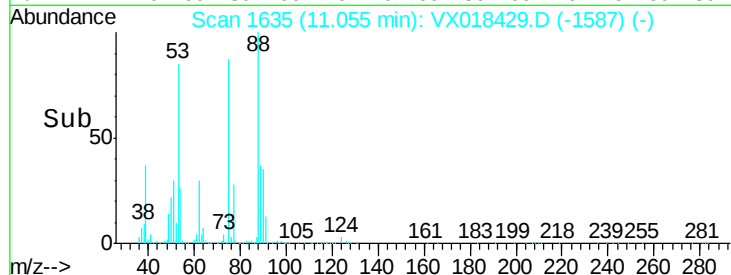
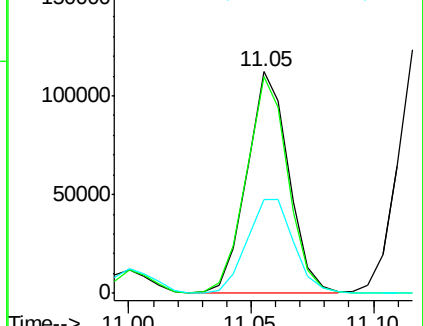
89 48.1 36.6 54.8



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: 52.713 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018429.D

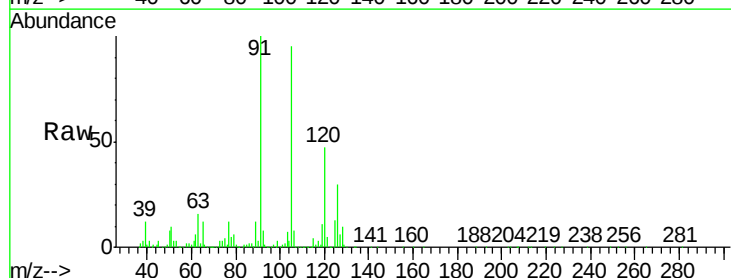
Acq: 16 Sep 2020 10:01

Tgt Ion: 91 Resp: 973390

Ion Ratio Lower Upper

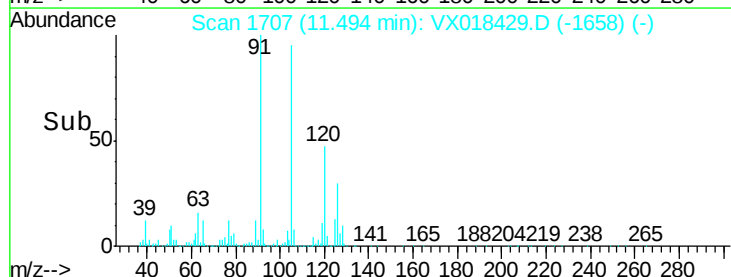
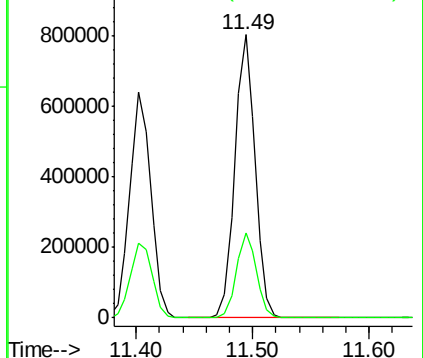
91 100

126 29.7 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

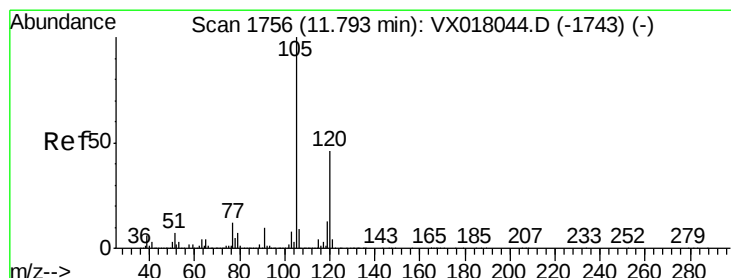
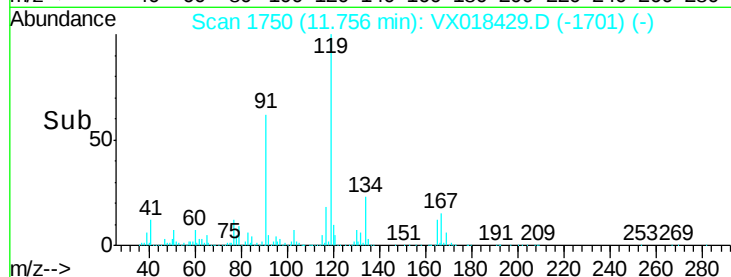
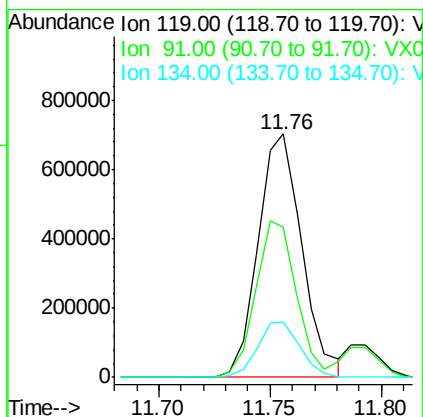
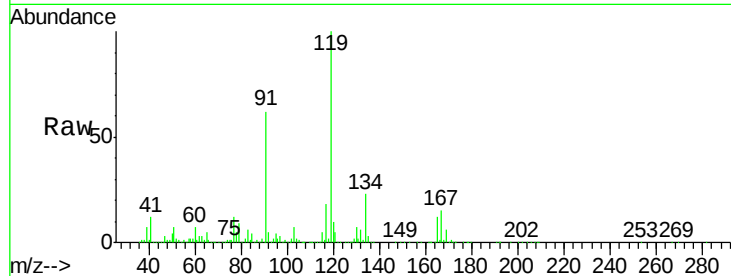




#83
 tert-Butylbenzene
 Concen: 53.499 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

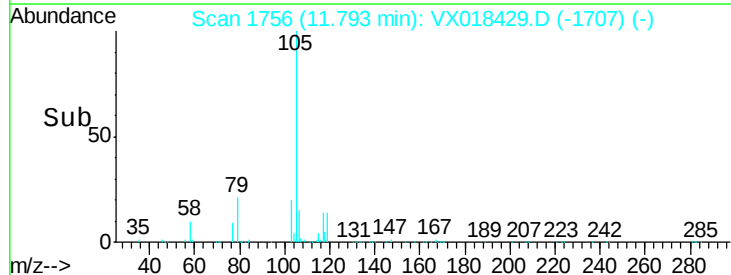
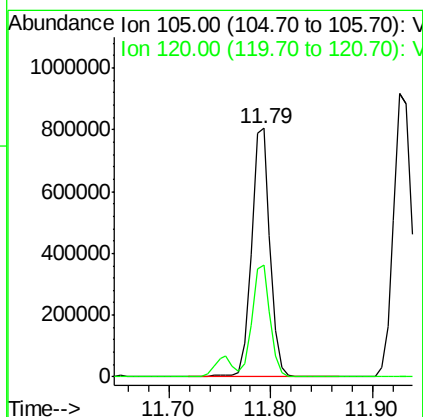
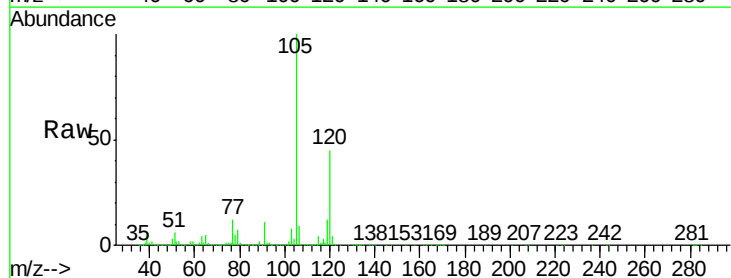
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.7	28.2	84.7
134	21.9	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.663 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.3	66.9

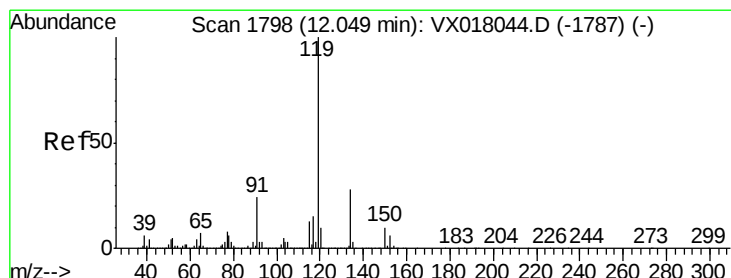
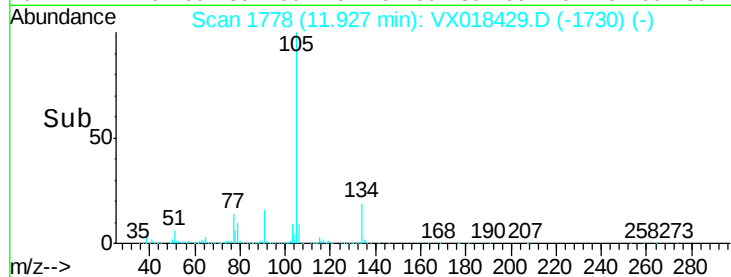
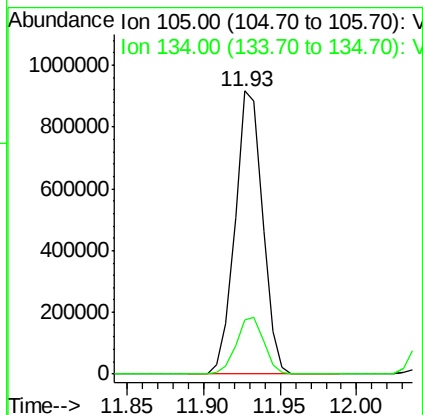
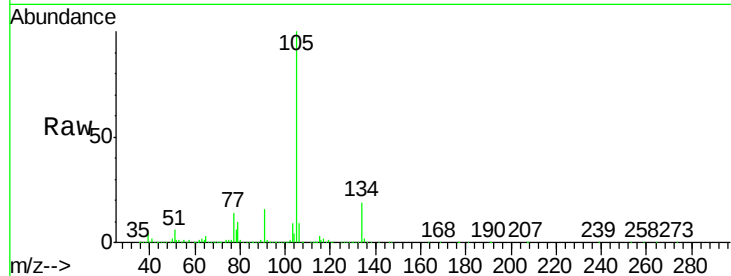




#85
 sec-Butylbenzene
 Concen: 56.044 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

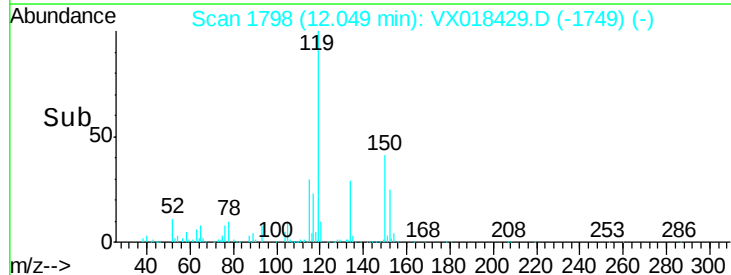
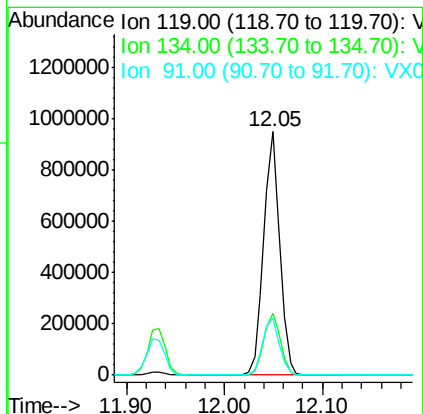
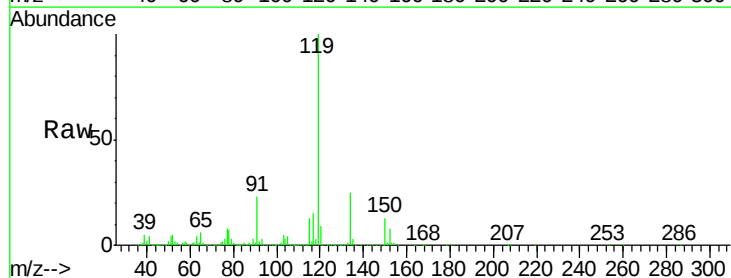
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

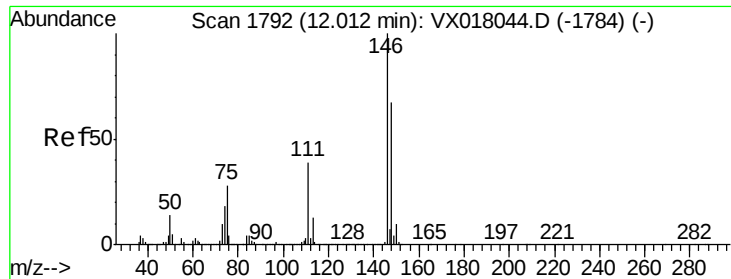
Tgt Ion:105 Resp: 1144453
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 58.075 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion:119 Resp: 1089341
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.1 11.8 35.4

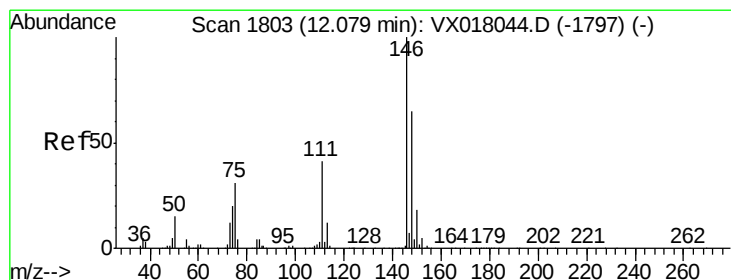
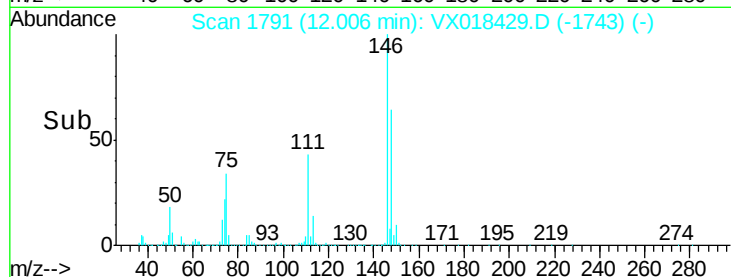
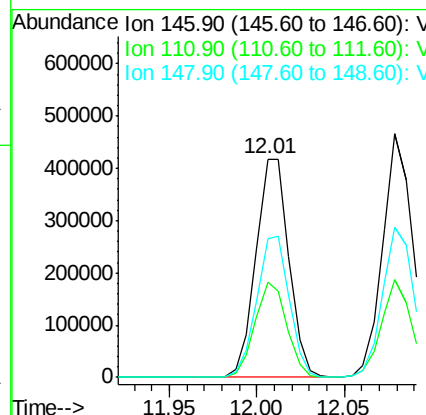
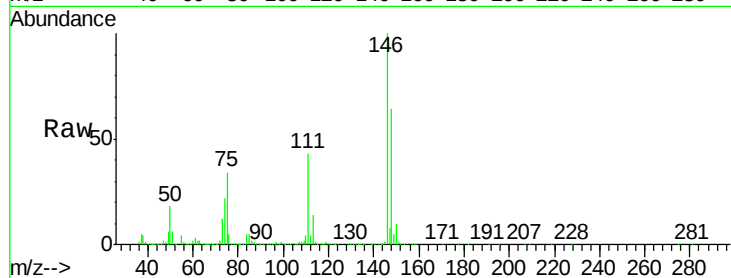




#87
 1,3-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

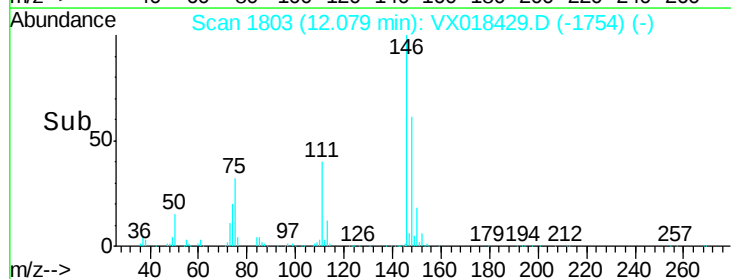
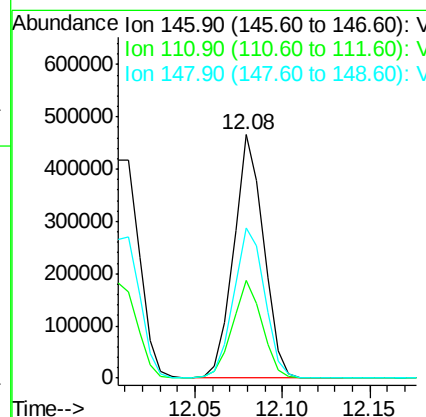
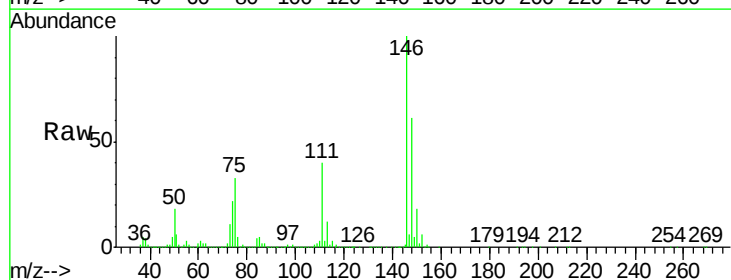
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

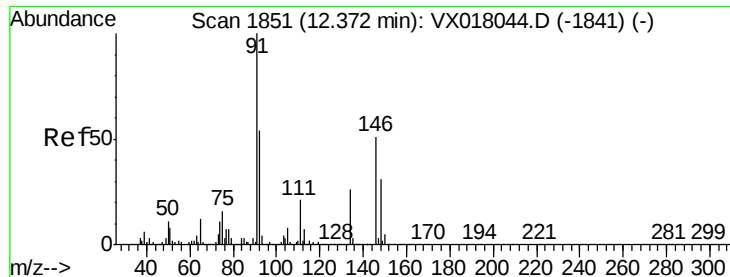
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.8
148	64.3	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 51.423 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	64.2	33.1	99.2

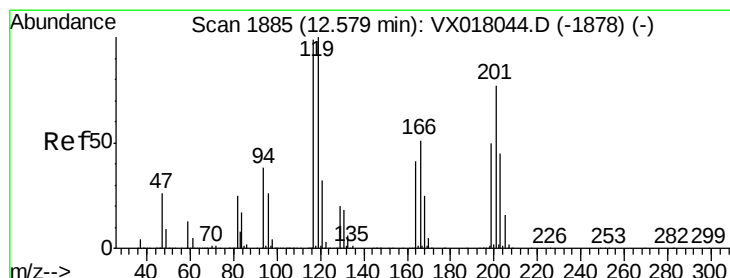
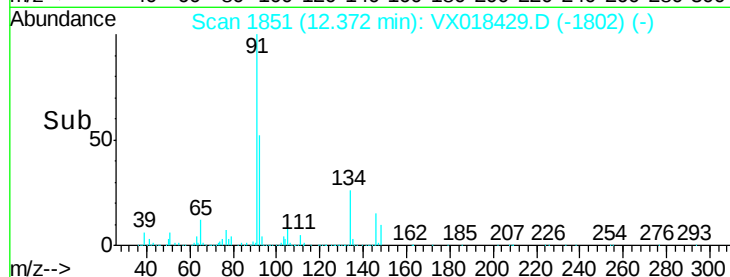
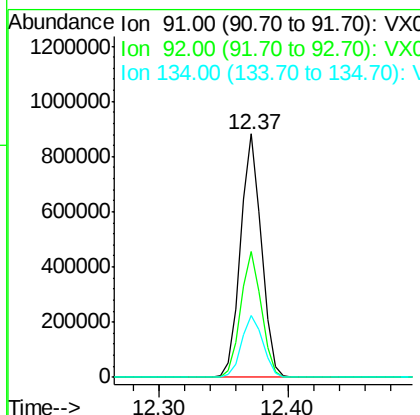
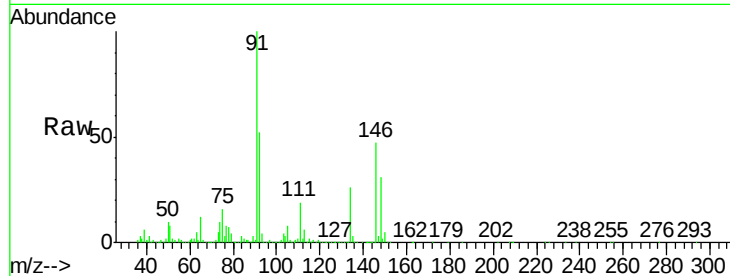




#89
n-Butylbenzene
Concen: 57.486 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

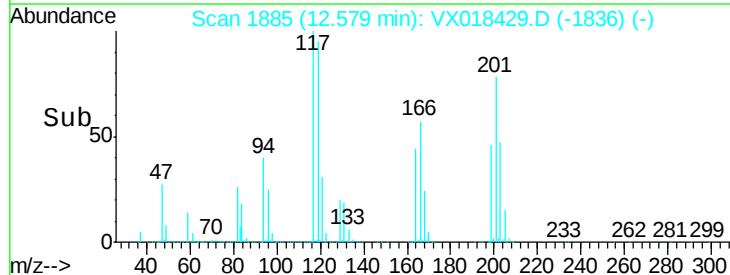
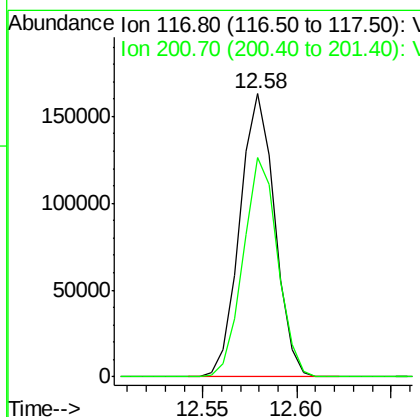
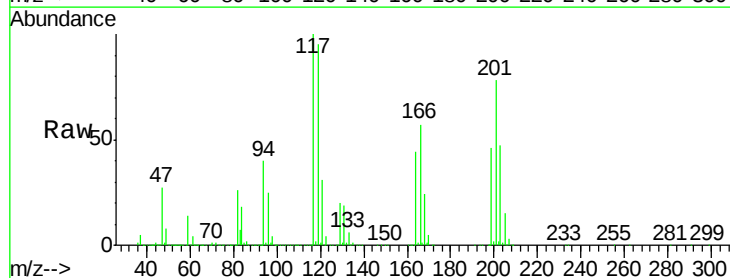
Instrument :
MSVOA_X
ClientSampled :
BFB25

Tgt Ion: 91 Resp: 984175
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 56.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 117 Resp: 209292
Ion Ratio Lower Upper
117 100
201 76.9 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 52.481 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

BFB25

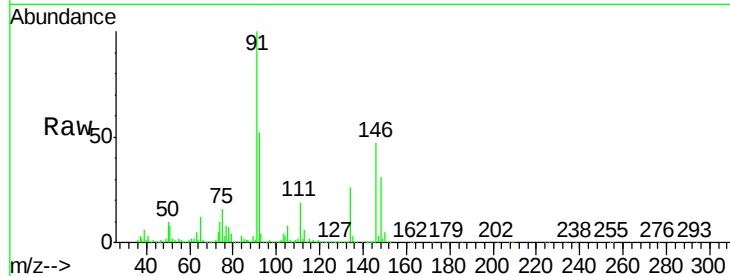
Tgt Ion: 146 Resp: 530872

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.5

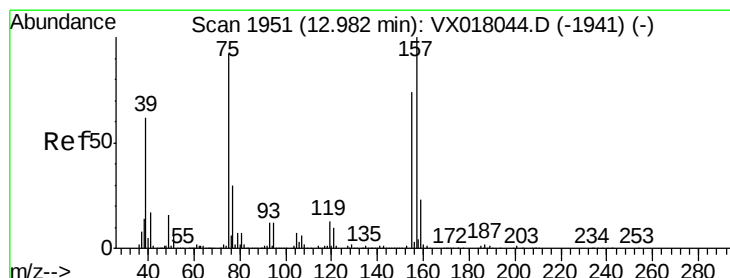
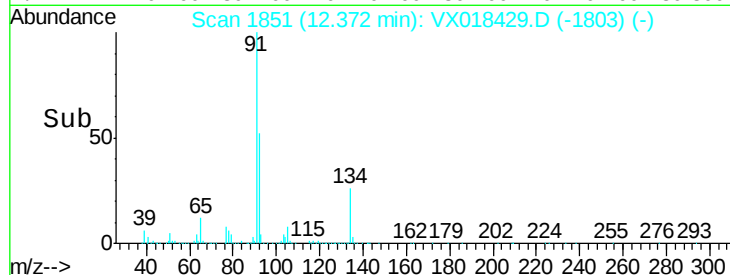
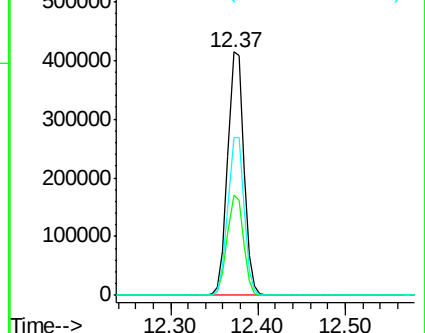
148 64.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.412 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

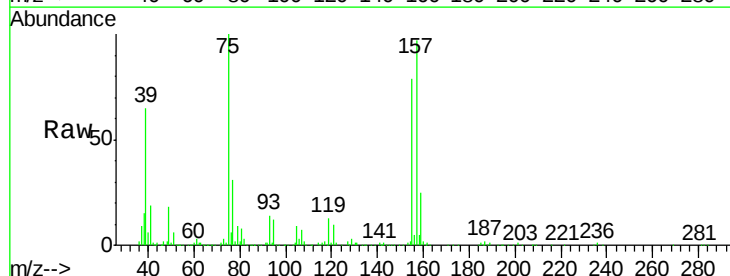
Tgt Ion: 75 Resp: 90646

Ion Ratio Lower Upper

75 100

155 78.6 40.2 120.6

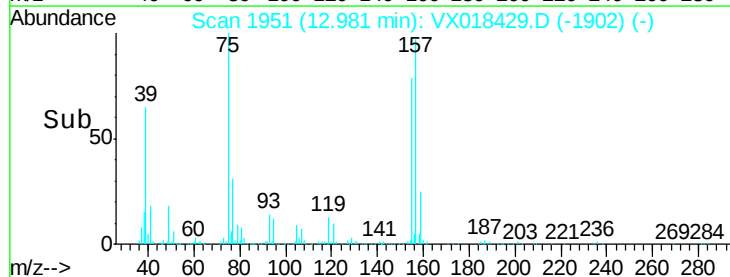
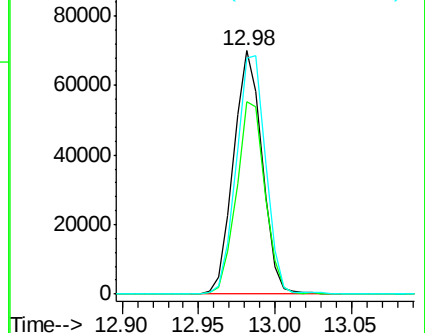
157 100.6 55.0 165.2

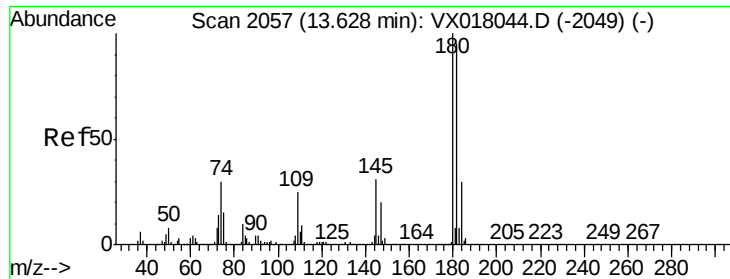


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

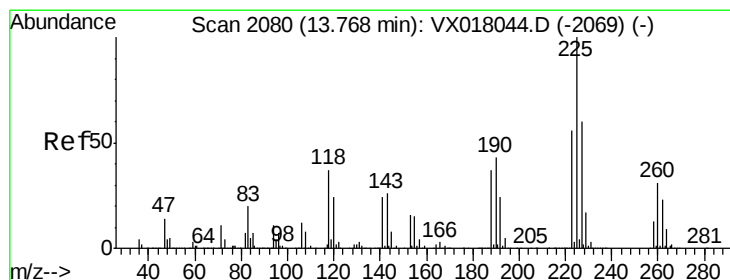
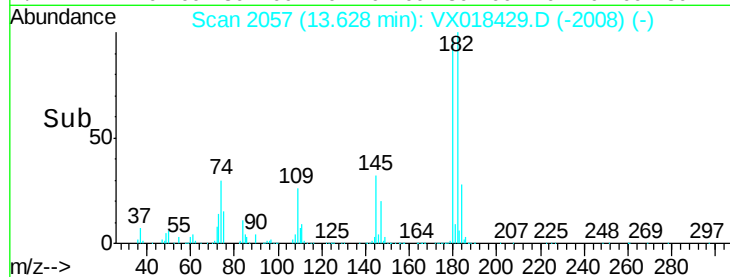
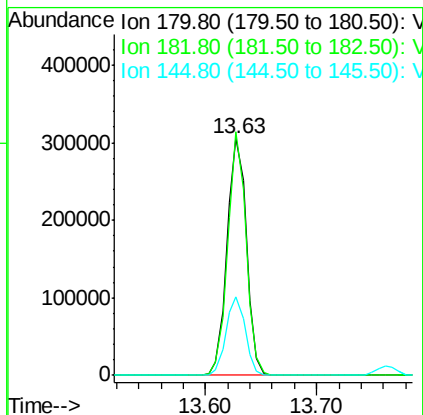
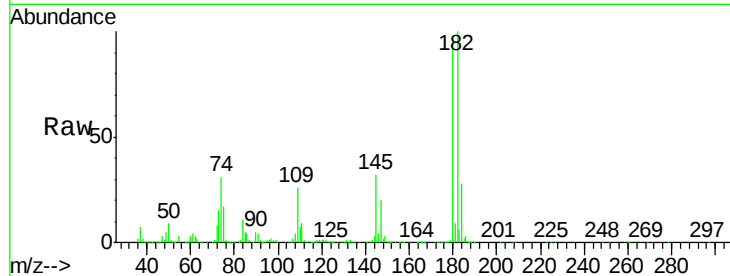




#93
 1,2,4-Trichlorobenzene
 Concen: 54.518 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

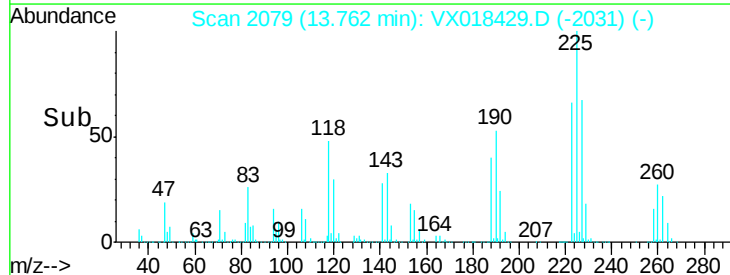
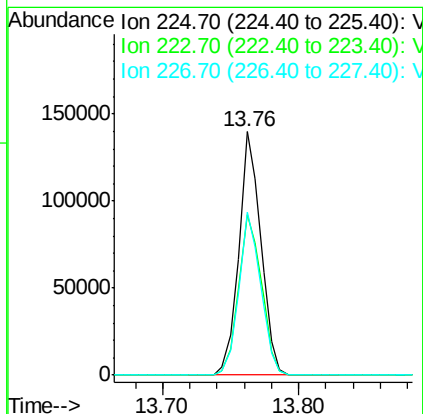
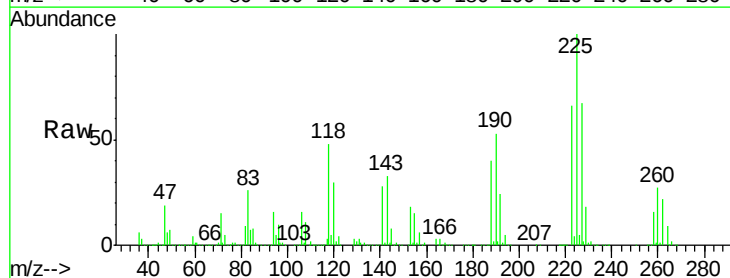
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB25

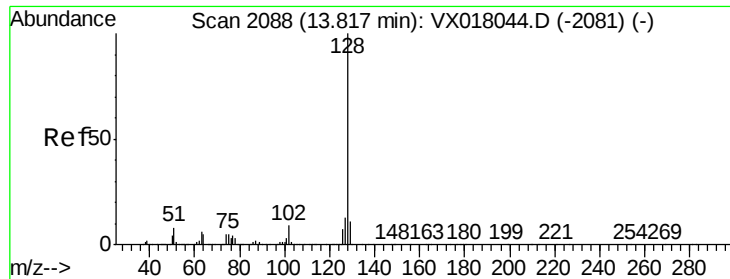
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.5	142.6
145	33.1	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 59.082 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	30.7	92.1
227	66.3	32.6	97.8

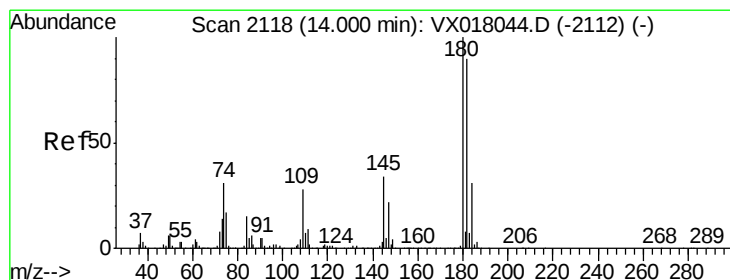
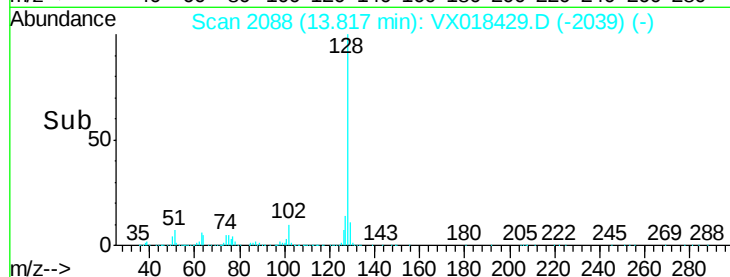
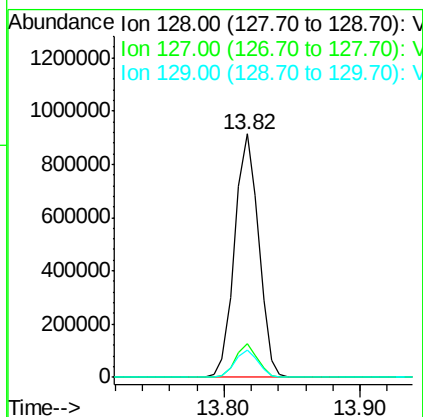
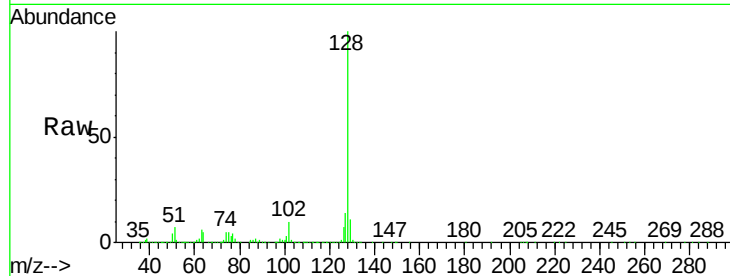




#95
Naphthalene
Concen: 50.474 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
BFB25

Tgt Ion:128 Resp: 1120490
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.057 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:180 Resp: 353632
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 34.3 17.5 52.6

