

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009368.D
 Acq On : 07 May 2019 10:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

Quant Time: May 08 01:57:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35057	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	205769	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	183723	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85776	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	11.13	95	93073	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	262264	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	35768	19.201	ug/l 100
3) Chloromethane	1.32	50	48458	19.353	ug/l 98
4) Vinyl Chloride	1.41	62	47516	19.022	ug/l 100
5) Bromomethane	1.64	94	29707	18.762	ug/l 97
6) Chloroethane	1.72	64	30799	18.801	ug/l 99
7) Trichlorofluoromethane	1.93	101	62198	20.165	ug/l 97
8) Diethyl Ether	2.19	74	28271	19.739	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39733	20.806	ug/l 99
10) 1,1-Dichloroethene	2.37	96	38560	20.110	ug/l 99
11) Methyl Iodide	2.51	142	36288	17.409	ug/l 98
12) Methyl Acetate	2.77	43	68992	19.102	ug/l 100
13) Acrolein	2.29	56	38126	76.965	ug/l 99
14) Acrylonitrile	3.14	53	153653	98.029	ug/l 99
15) Acetone	2.44	58	47142	104.754	ug/l 96
16) Carbon Disulfide	2.57	76	96790	18.656	ug/l 100
17) Allyl chloride	2.73	41	90902	19.746	ug/l 98
18) Methylene Chloride	2.85	84	46250	19.958	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	40602	19.859	ug/l 95
20) Diisopropyl ether	3.85	45	181547	20.026	ug/l 97
21) 1,1-Dichloroethane	3.70	63	86511	19.719	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	49491	20.097	ug/l 99
23) tert-Butyl Alcohol	3.04	59	62620	94.482	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	149409	19.910	ug/l 99
25) Chloroform	5.21	83	80332	20.065	ug/l 98
26) Cyclohexane	5.58	56	80772	19.754	ug/l # 96
29) 1,1-Dichloropropene	5.80	75	59518	19.713	ug/l 99
30) 2-Butanone	4.67	43	237594	100.481	ug/l 99
31) 2,2-Dichloropropane	4.58	77	66464	19.968	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	65907	20.136	ug/l 98
33) Carbon Tetrachloride	5.78	117	55554	20.286	ug/l 96
34) Benzene	6.14	78	186863	20.074	ug/l 98
35) Methacrylonitrile	5.04	41	49084	19.841	ug/l 96
36) 1,2-Dichloroethane	6.19	62	67504	19.986	ug/l 100
37) Trichloroethene	7.21	130	44538	19.876	ug/l 96
38) Methylcyclohexane	7.46	83	75300	20.186	ug/l 99
39) 1,2-Dichloropropane	7.51	63	53298	20.107	ug/l 100
40) Dibromomethane	7.66	93	30549	20.305	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009368.D
 Acq On : 07 May 2019 10:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

Quant Time: May 08 01:57:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	62469	20.327	ug/l	97
42) Vinyl Acetate	3.81	43	776378	99.483	ug/l	99
43) Ethyl Acetate	4.83	43	82003	19.192	ug/l	98
44) Isopropyl Acetate	6.44	43	133839	19.336	ug/l	99
45) 1,4-Dioxane	7.74	88	26737	393.436	ug/l	99
46) Methyl methacrylate	7.76	41	66508	19.251	ug/l	96
47) n-amyl Acetate	10.90	43	120170	19.272	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	70007	19.524	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	77908	19.792	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	47539	20.624	ug/l	98
51) Ethyl methacrylate	9.18	69	82837	19.447	ug/l	99
52) 1,3-Dichloropropane	9.37	76	82695	20.215	ug/l	100
53) Dibromochloromethane	9.58	129	47067	20.503	ug/l	97
54) 1,2-Dibromoethane	9.67	107	47116	19.930	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	180690	79.606	ug/l	99
56) Bromoform	10.85	173	34687	19.684	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	444554	98.406	ug/l	100
59) 2-Hexanone	9.49	43	351104	99.089	ug/l	100
61) Tetrachloroethene	9.34	164	41571	20.525	ug/l	99
62) Toluene	8.78	91	196477	20.013	ug/l	99
64) Chlorobenzene	10.13	112	119630	20.247	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	43869	20.278	ug/l	99
66) Ethyl Benzene	10.25	91	220799	20.189	ug/l	98
67) m/p-Xylenes	10.36	106	161101	40.345	ug/l	100
68) o-Xylene	10.69	106	79780	20.319	ug/l	96
69) Styrene	10.71	104	139084	20.179	ug/l	100
70) Isopropylbenzene	11.02	105	216163	20.471	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	77206	19.965	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	91401	27.427	ug/l	82
73) Bromobenzene	11.25	156	52807	20.241	ug/l	99
74) n-propylbenzene	11.36	91	250017	20.432	ug/l	100
75) 2-Chlorotoluene	11.42	91	148551	20.240	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	182033	20.351	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	25017	18.610	ug/l	98
78) 4-Chlorotoluene	11.51	91	168949	20.268	ug/l	99
79) tert-butylbenzene	11.77	119	173660	20.084	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	183325	20.449	ug/l	99
81) sec-Butylbenzene	11.94	105	210653	20.505	ug/l	99
82) p-Isopropyltoluene	12.06	119	191624	20.505	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	94746	20.335	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	94785	20.419	ug/l	98
85) n-Butylbenzene	12.38	91	174121	20.363	ug/l	99
86) Hexachloroethane	12.59	117	31672	19.917	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	95137	20.285	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17648	19.638	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	68545	20.505	ug/l	99
90) Hexachlorobutadiene	13.78	225	35136	21.042	ug/l	99
91) Naphthalene	13.83	128	227124	20.751	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	71772	21.121	ug/l	99

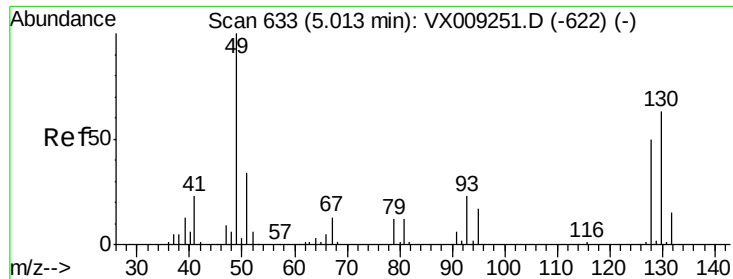
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
Data File : VX009368.D
Acq On : 07 May 2019 10:18
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BFB

Quant Time: May 08 01:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

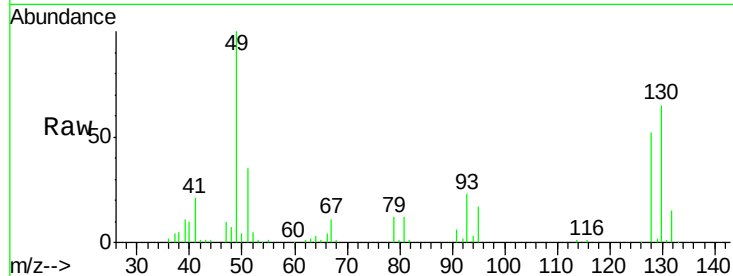
Tot Ion:128 Resp: 35057

Ion Ratio Lower Upper

128 100

49 201.0 0.0 515.0

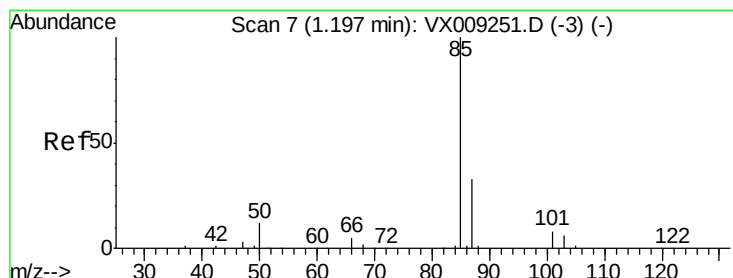
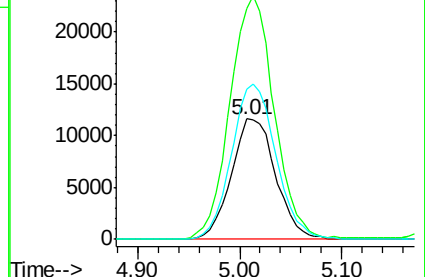
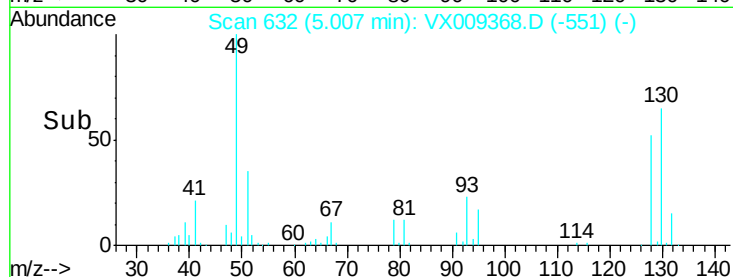
130 129.2 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.201 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009368.D

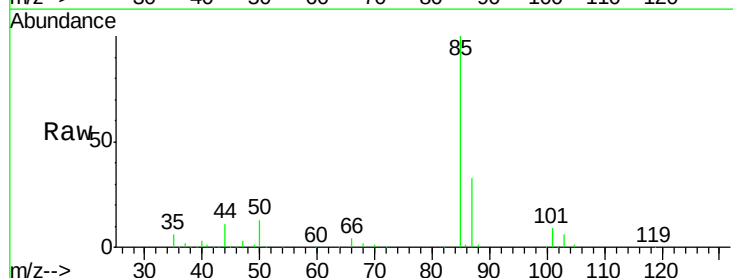
Acq: 07 May 2019 10:18

Tgt Ion: 85 Resp: 35768

Ion Ratio Lower Upper

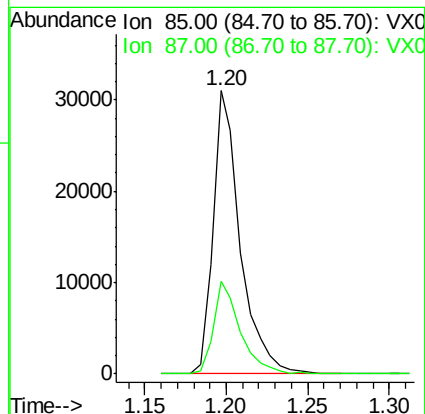
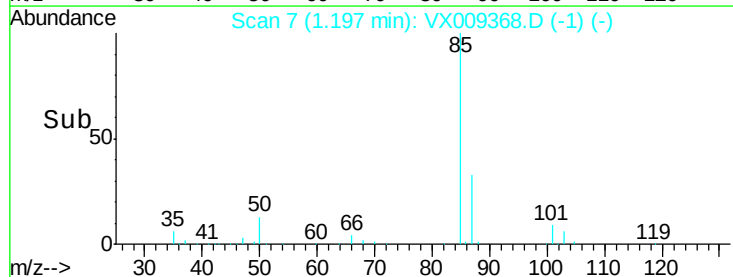
85 100

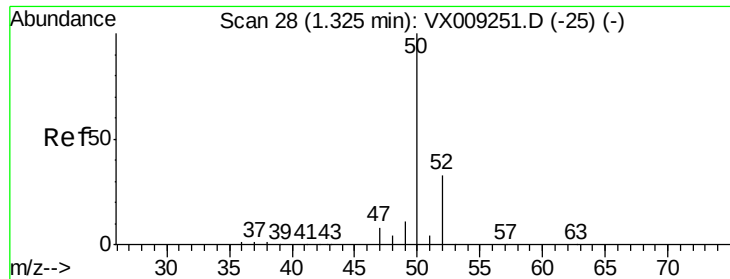
87 32.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.353 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

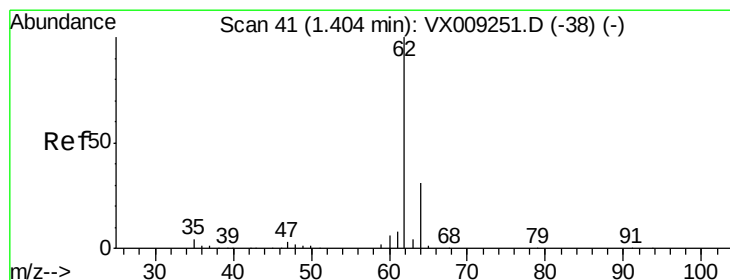
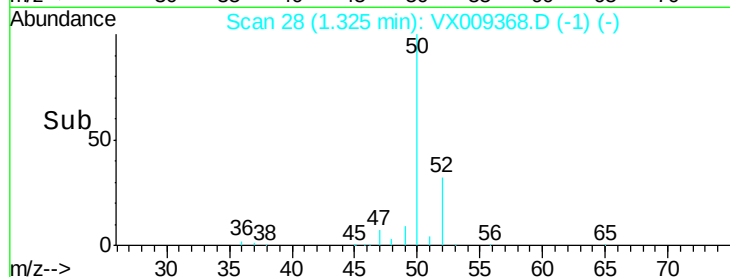
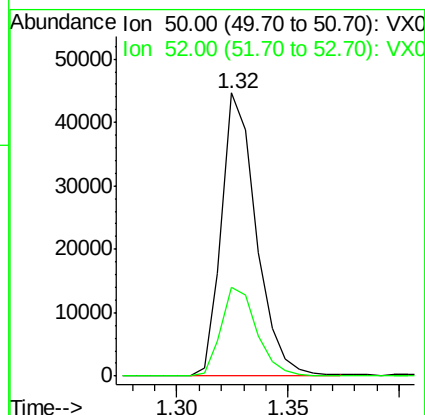
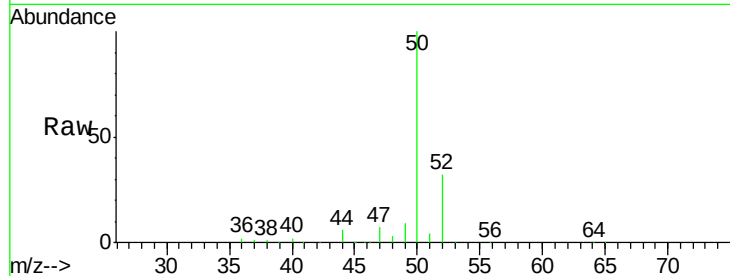
BFB

Tot Ion: 50 Resp: 48458

Ion Ratio Lower Upper

50 100

52 31.6 26.3 39.5



#4

Vinyl Chloride

Concen: 19.022 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009368.D

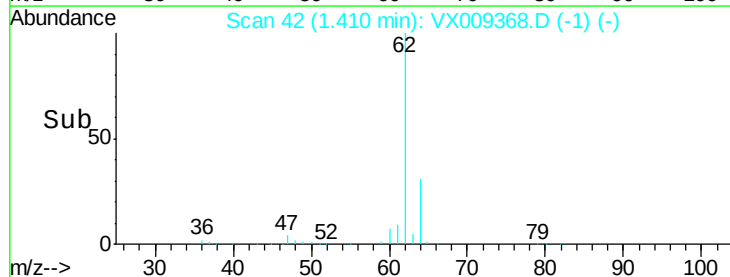
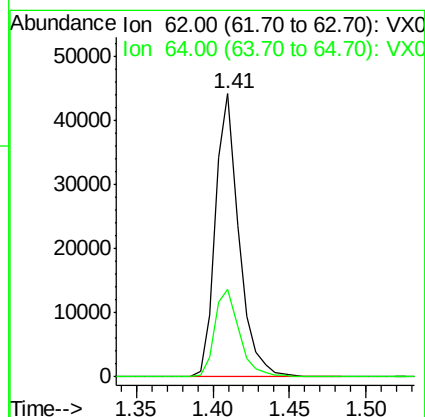
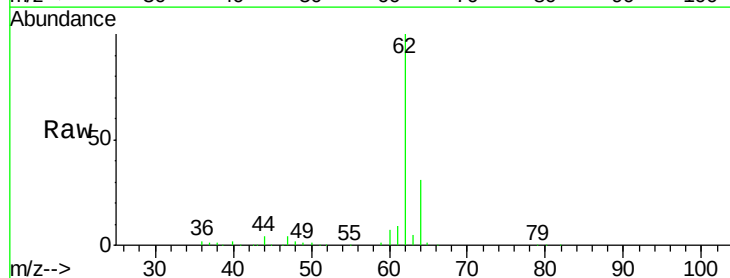
Acq: 07 May 2019 10:18

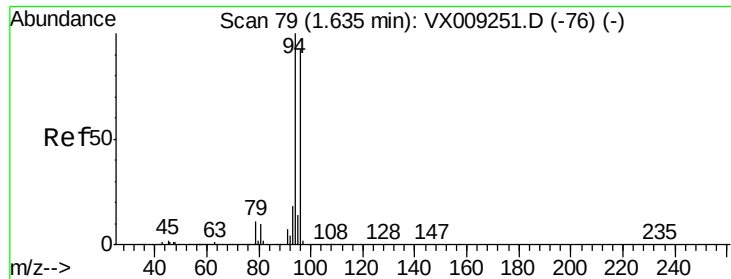
Tgt Ion: 62 Resp: 47516

Ion Ratio Lower Upper

62 100

64 30.6 24.6 36.8





#5

Bromomethane

Concen: 18.762 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

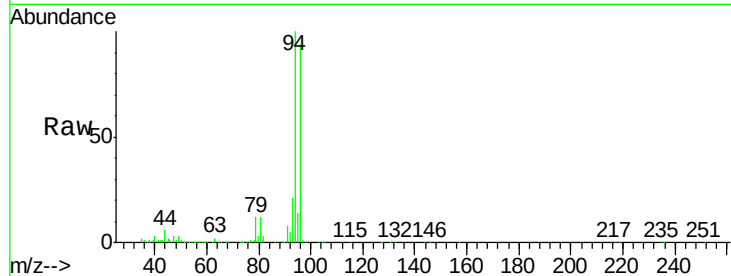
BFB

Tot Ion: 94 Resp: 29707

Ion Ratio Lower Upper

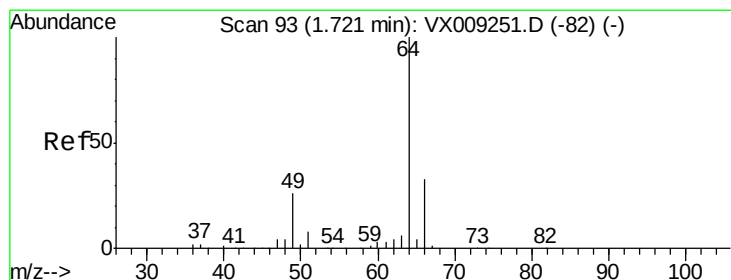
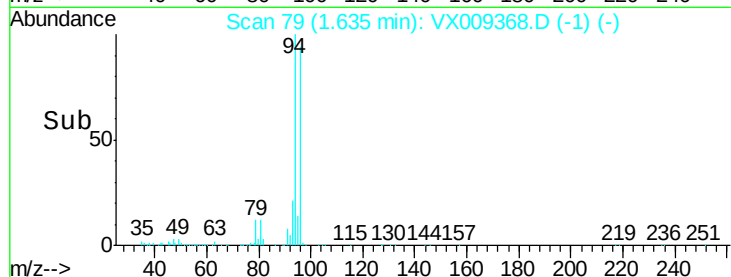
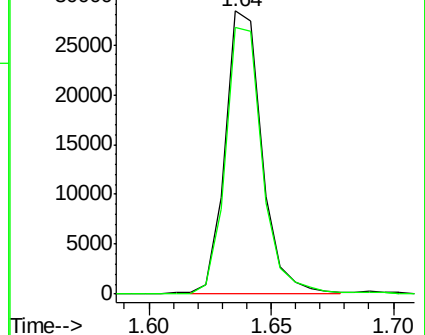
94 100

96 94.8 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.801 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009368.D

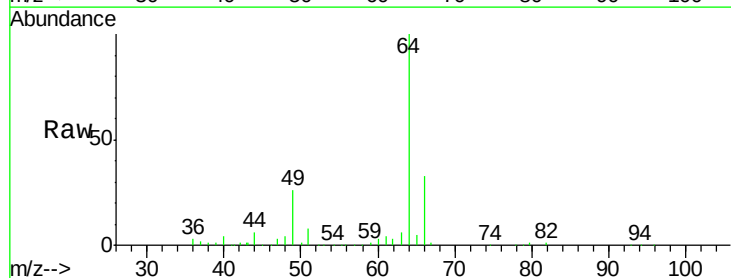
Acq: 07 May 2019 10:18

Tgt Ion: 64 Resp: 30799

Ion Ratio Lower Upper

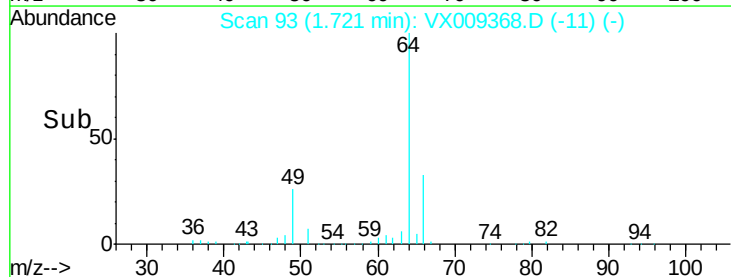
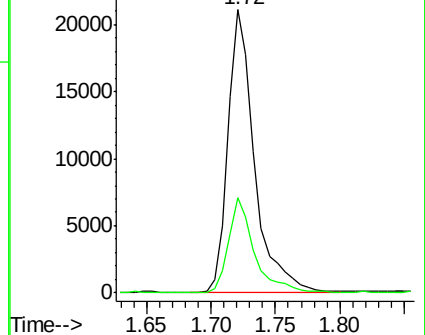
64 100

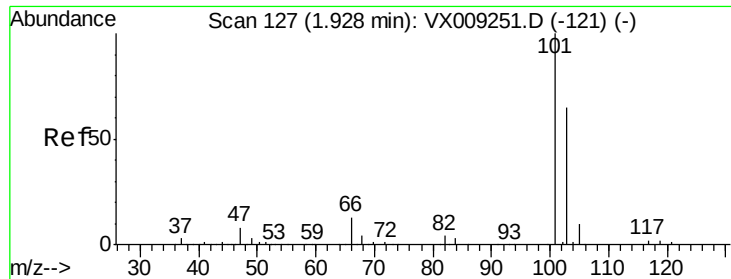
66 33.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



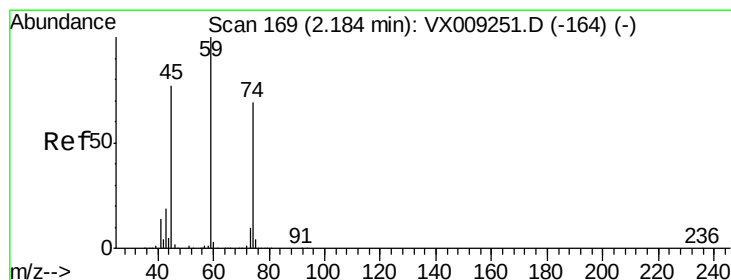
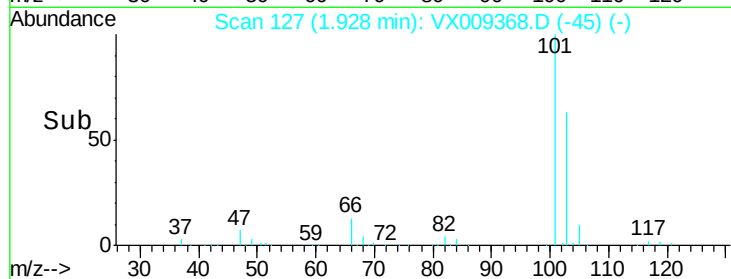
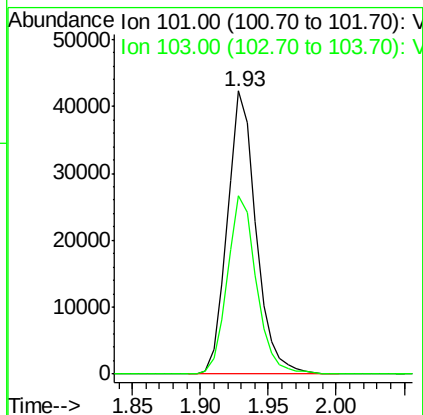
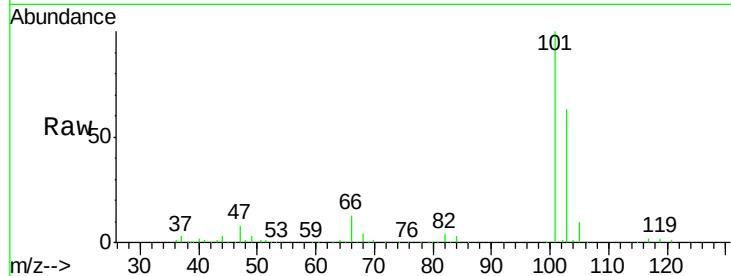


#7

Trichlorofluoromethane
 Concen: 20.165 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

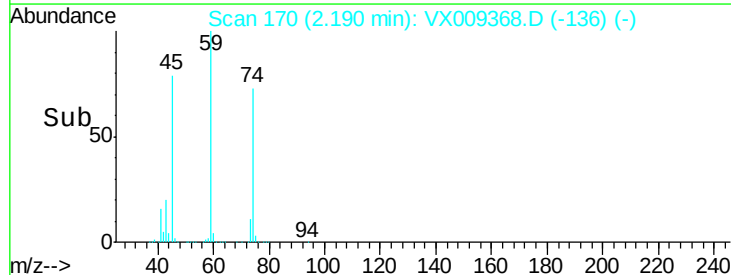
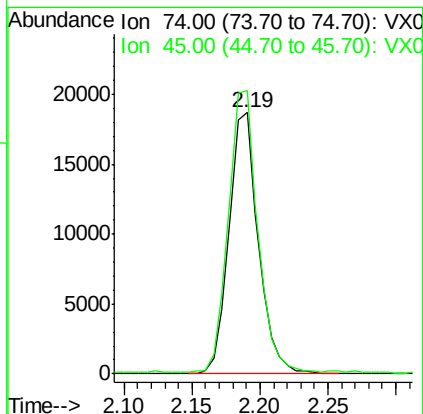
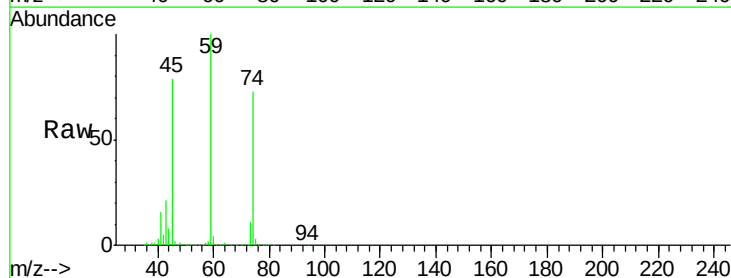
Tot Ion:101 Resp: 62198
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.9 77.9

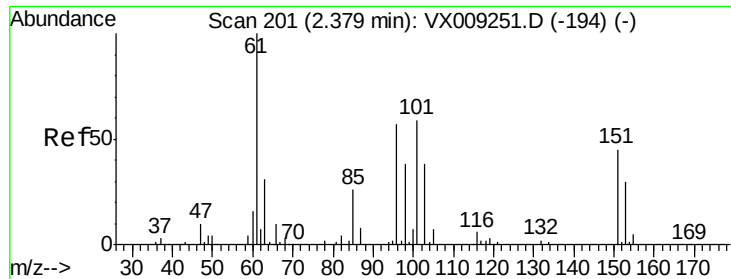


#8

Diethyl Ether
 Concen: 19.739 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion: 74 Resp: 28271
 Ion Ratio Lower Upper
 74 100
 45 107.7 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.806 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

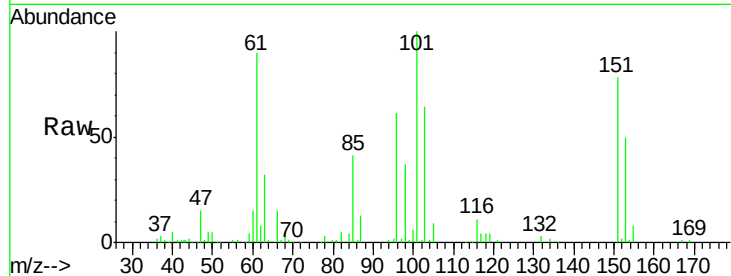
Tot Ion:101 Resp: 39733

Ion Ratio Lower Upper

101 100

85 44.2 0.0 87.4

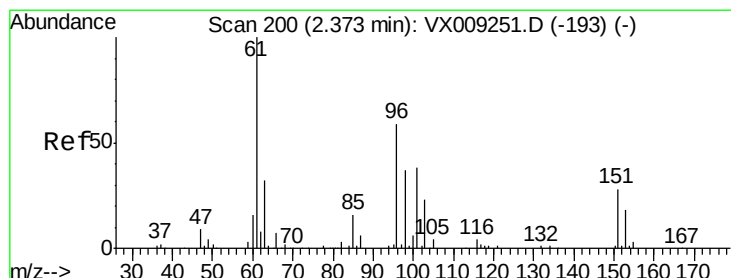
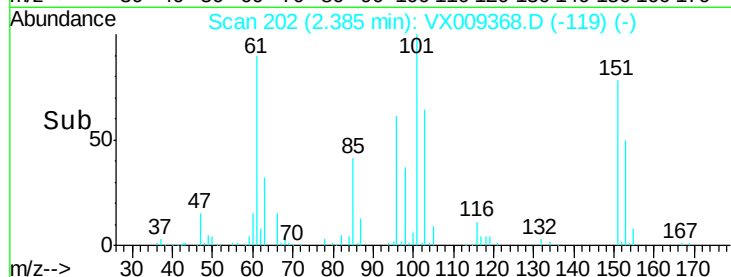
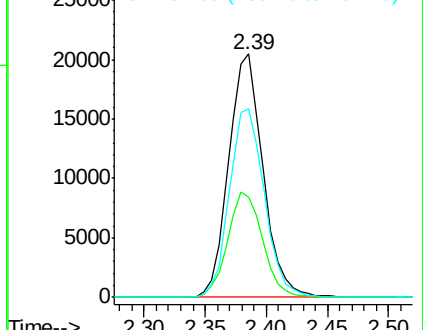
151 79.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.110 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

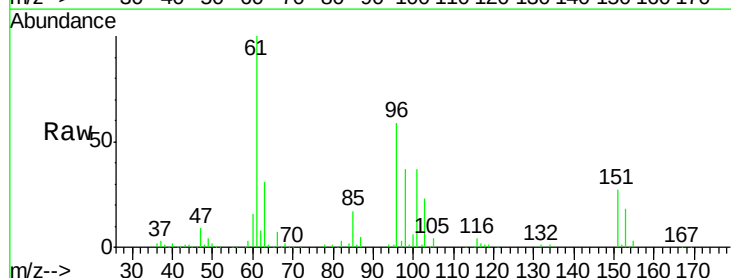
Tgt Ion: 96 Resp: 38560

Ion Ratio Lower Upper

96 100

61 169.2 136.5 204.7

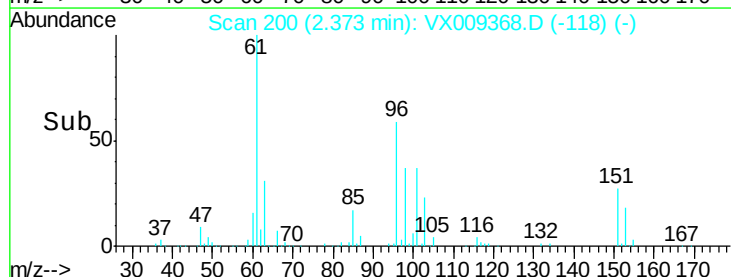
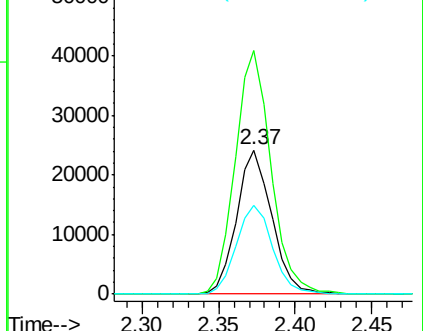
98 62.0 51.0 76.4

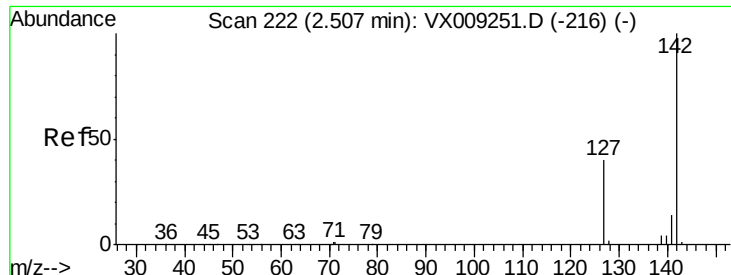


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

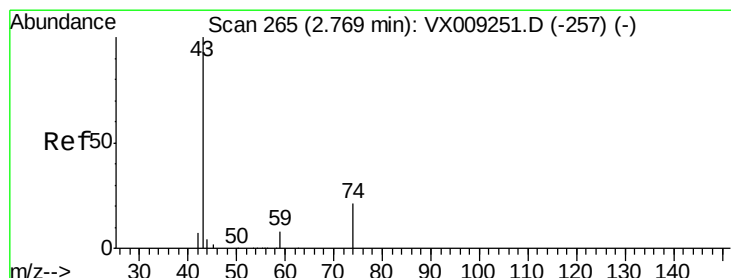
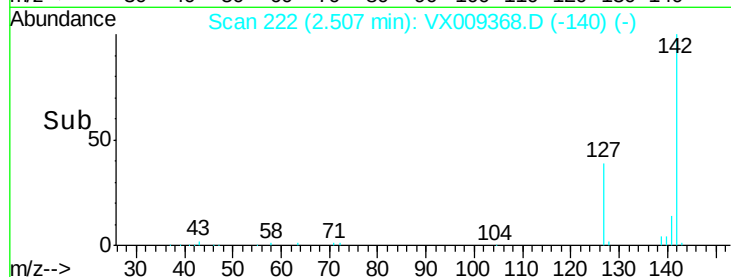
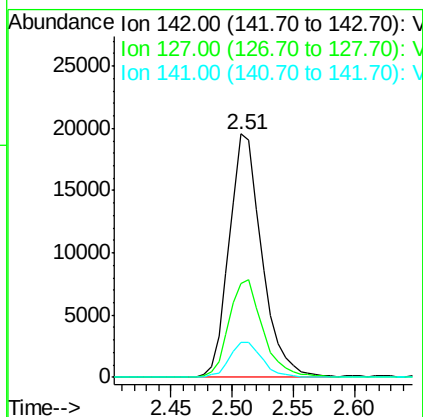
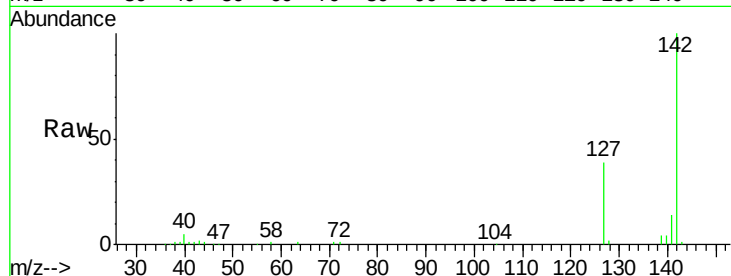




#11
Methvl Iodide
Concen: 17.409 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

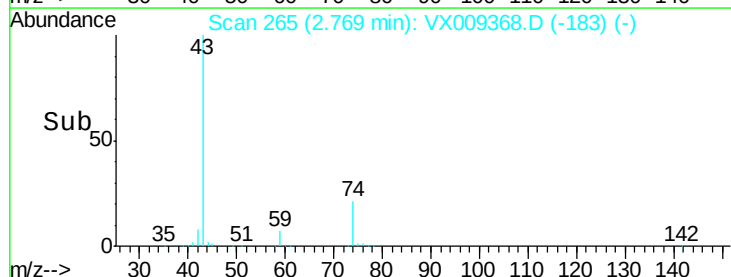
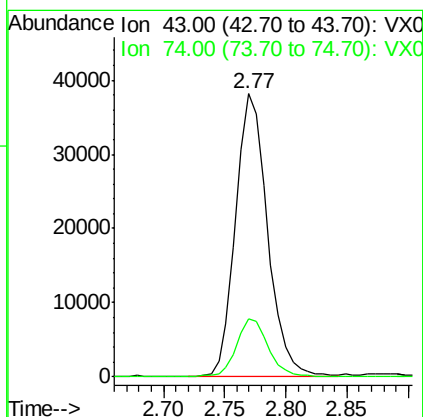
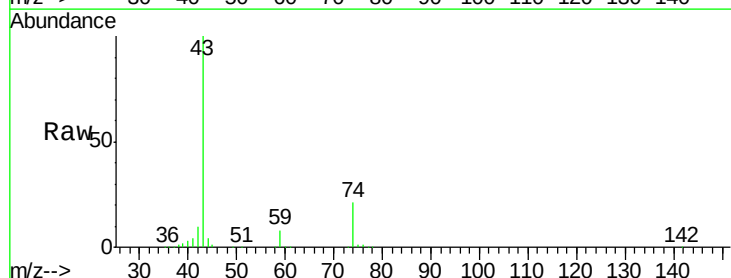
Instrument :
MSVOA_F
ClientSampleId :
BFB

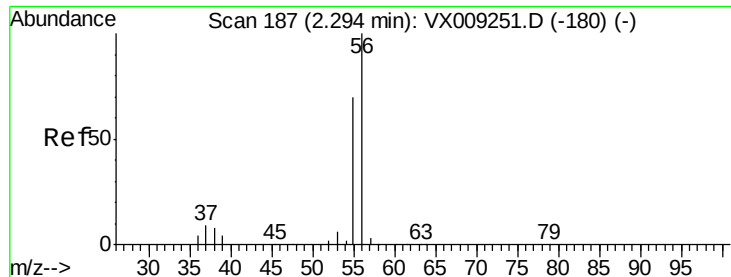
Tot Ion:142 Resp: 36288
Ion Ratio Lower Upper
142 100
127 38.6 20.2 60.5
141 14.2 6.9 20.7



#12
Methyl Acetate
Concen: 19.102 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 43 Resp: 68992
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7





#13

Acrolein

Concen: 76.965 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

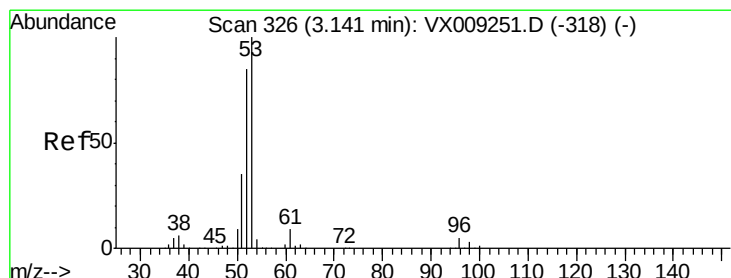
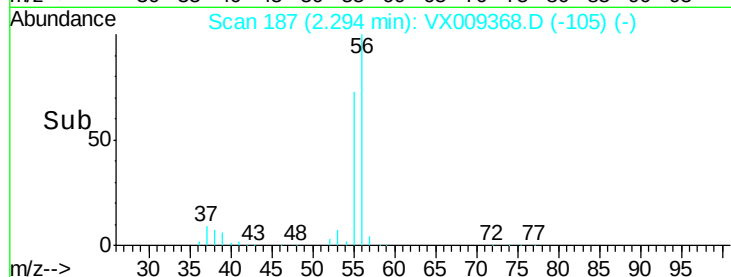
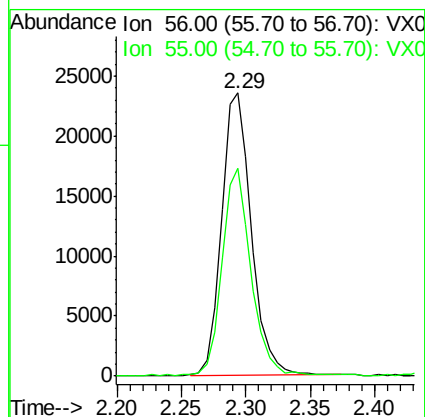
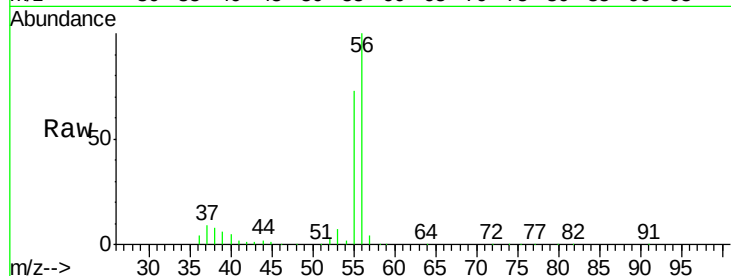
BFB

Tot Ion: 56 Resp: 38126

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Acrylonitrile

Concen: 98.029 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

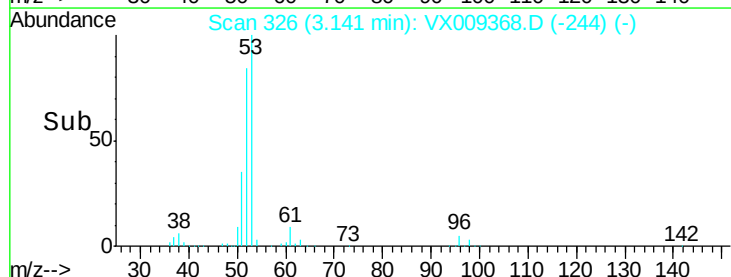
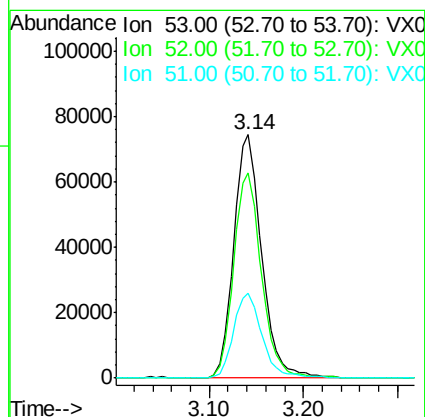
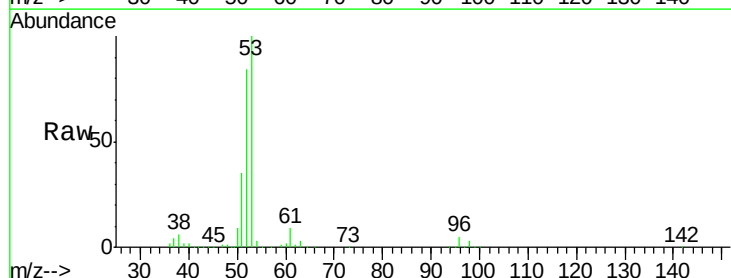
Tgt Ion: 53 Resp: 153653

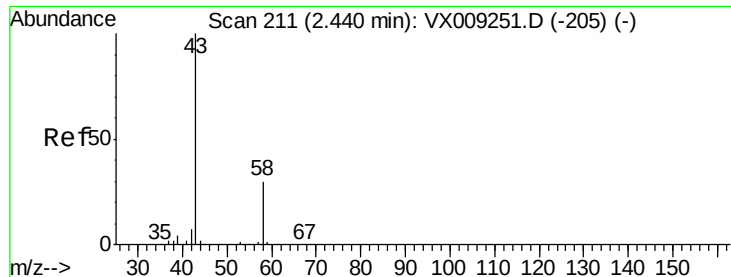
Ion Ratio Lower Upper

53 100

52 84.0 41.5 124.5

51 35.6 17.8 53.3





#15

Acetone

Concen: 104.754 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

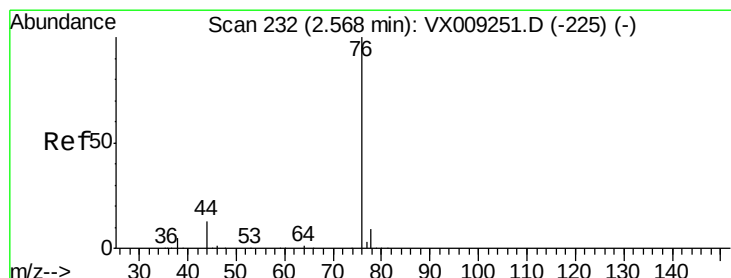
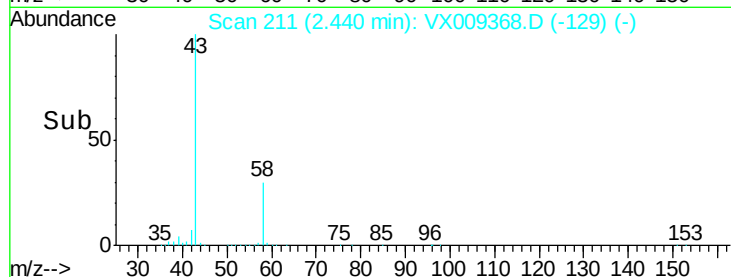
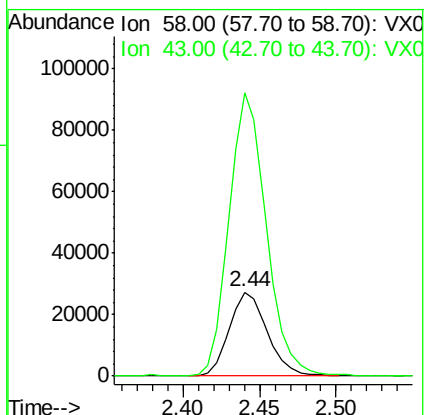
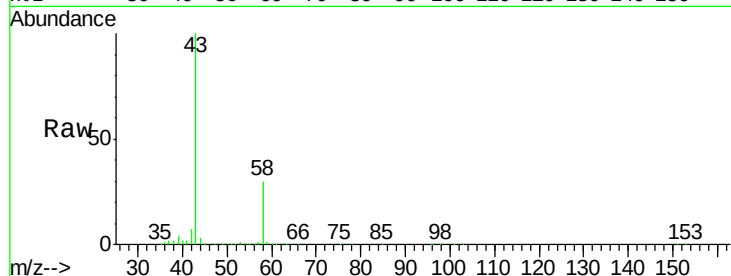
BFB

Tot Ion: 58 Resp: 47142

Ion Ratio Lower Upper

58 100

43 337.9 264.0 396.0



#16

Carbon Disulfide

Concen: 18.656 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009368.D

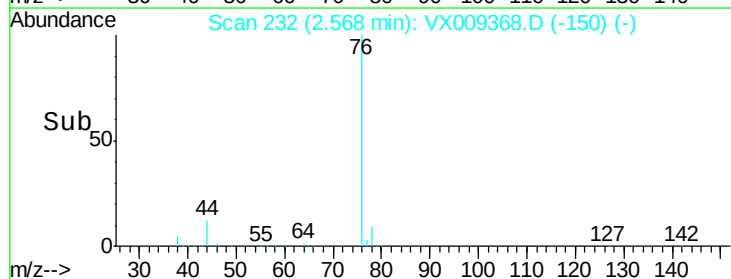
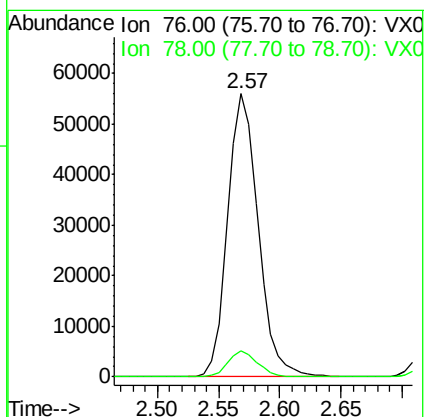
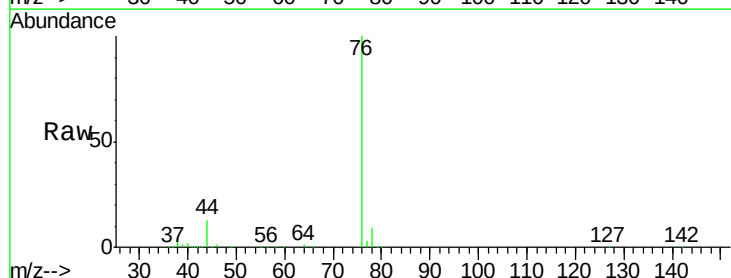
Acq: 07 May 2019 10:18

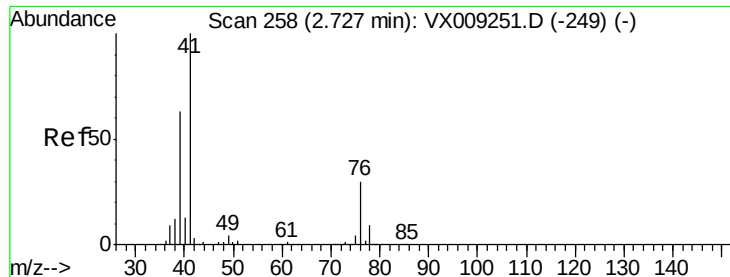
Tgt Ion: 76 Resp: 96790

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

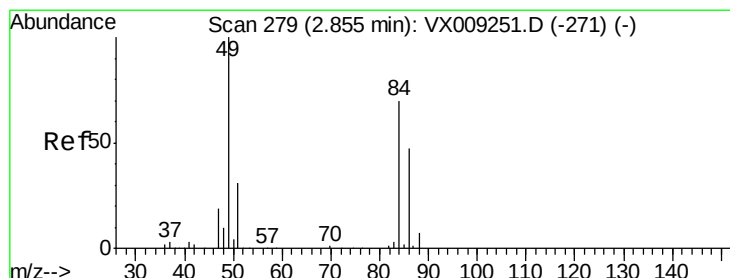
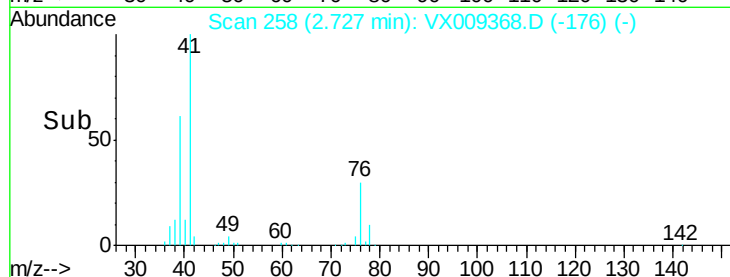
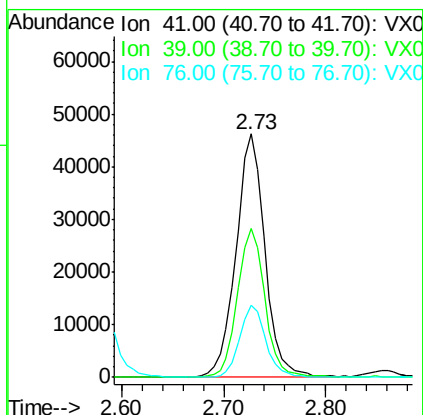
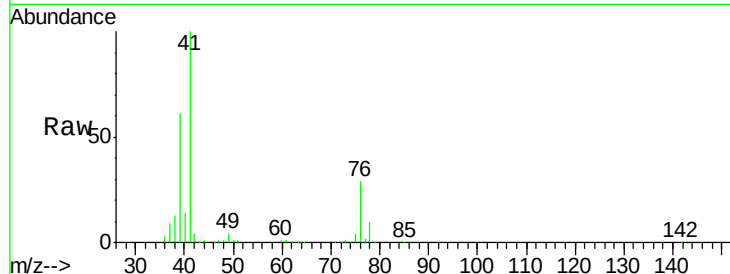




#17
Allvl chloride
Concen: 19.746 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

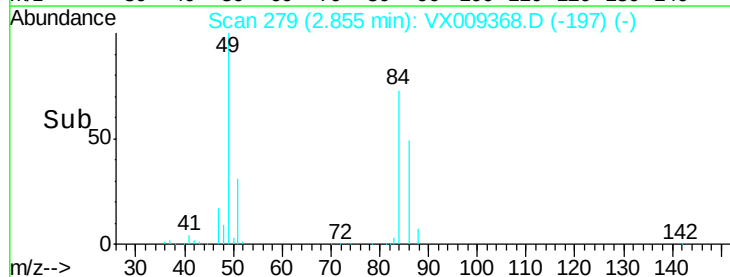
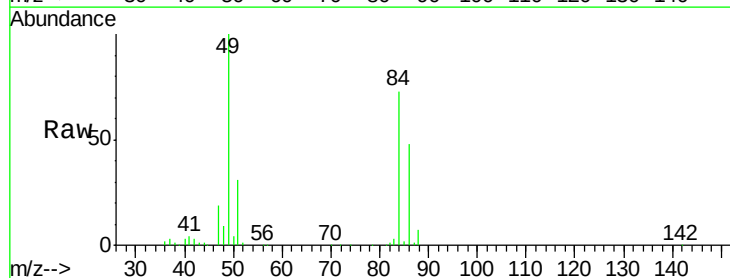
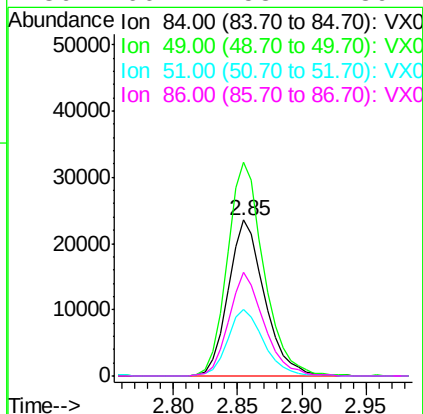
Instrument :
MSVOA_F
ClientSampleId :
BFB

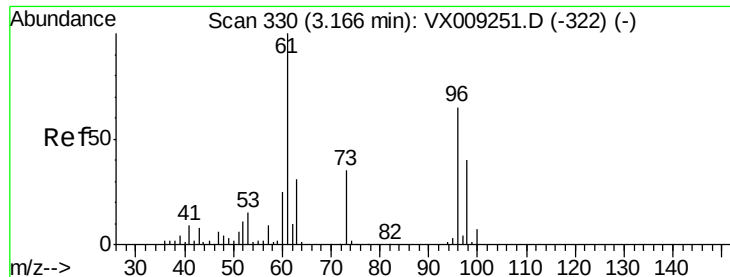
Tot Ion: 41 Resp: 90902
Ion Ratio Lower Upper
41 100
39 61.3 31.6 94.7
76 29.2 15.1 45.3



#18
Methylene Chloride
Concen: 19.958 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 84 Resp: 46250
Ion Ratio Lower Upper
84 100
49 136.7 114.6 171.8
51 42.0 35.5 53.3
86 66.2 53.4 80.2

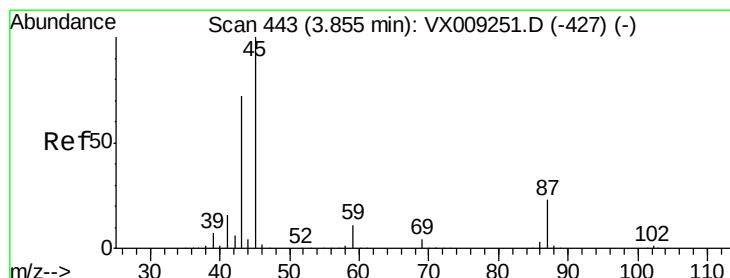
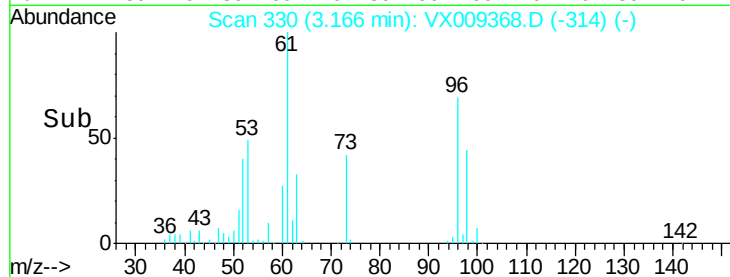
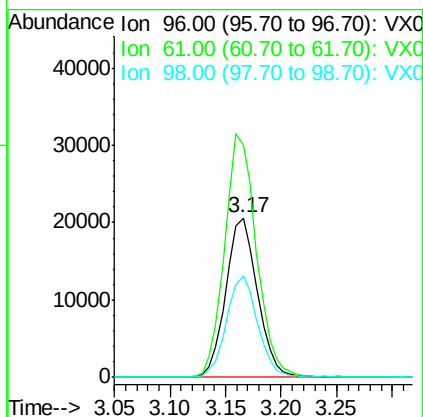
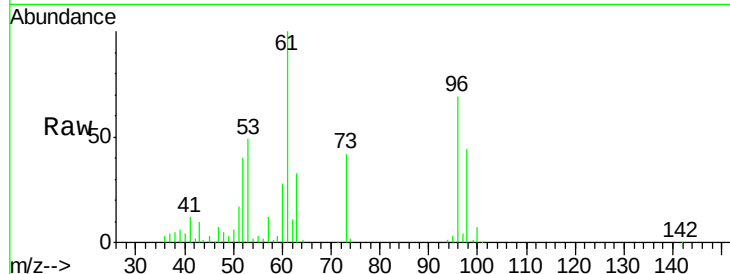




#19
trans-1,2-Dichloroethene
Concen: 19.859 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

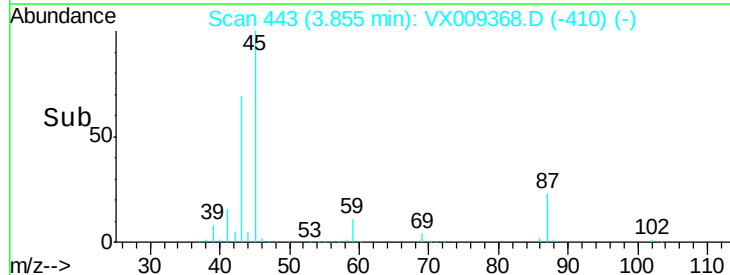
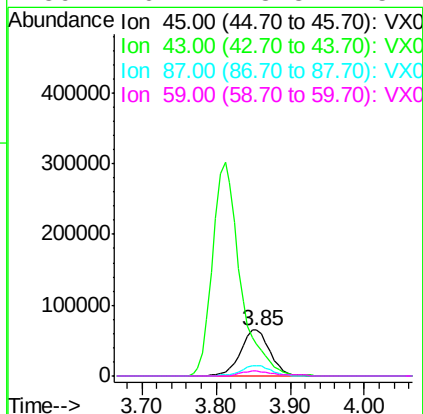
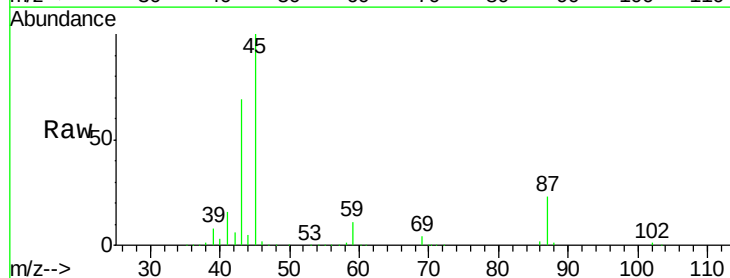
Instrument :
MSVOA_F
ClientSampleId :
BFB

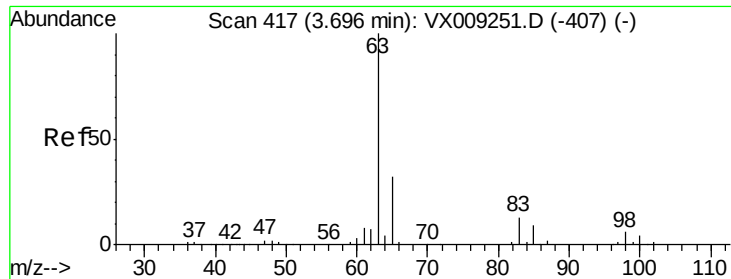
Tot Ion: 96 Resp: 40602
Ion Ratio Lower Upper
96 100
61 144.9 122.7 184.1
98 63.6 49.5 74.3



#20
Diisopropyl ether
Concen: 20.026 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 45 Resp: 181547
Ion Ratio Lower Upper
45 100
43 68.1 57.7 86.5
87 23.3 18.5 27.7
59 10.7 8.8 13.2





#21

1,1-Dichloroethane

Concen: 19.719 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

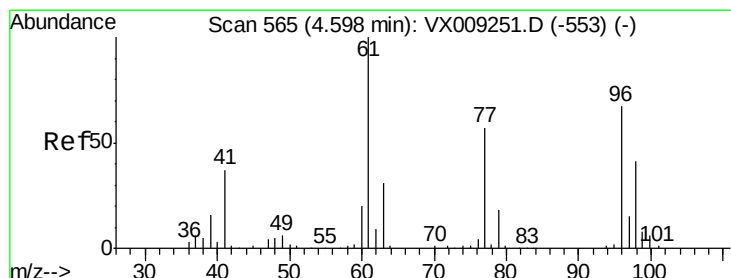
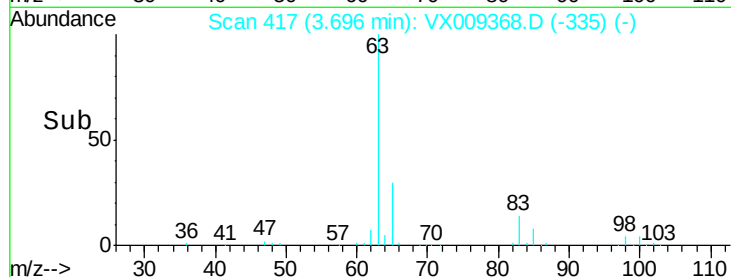
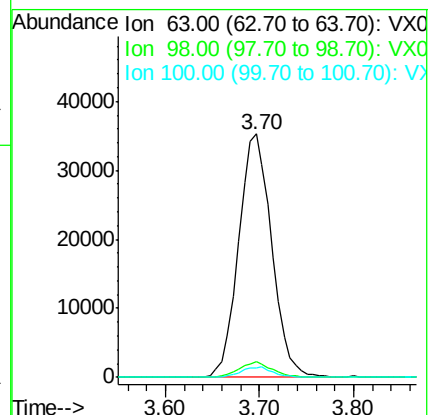
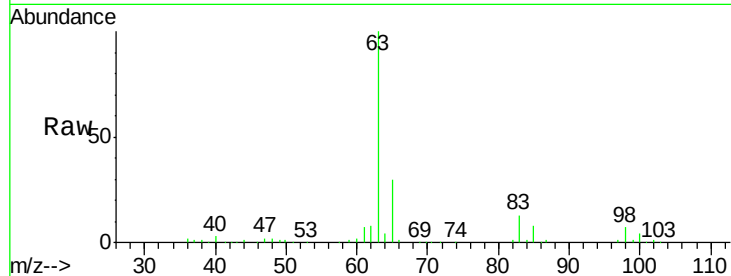
Tot Ion: 63 Resp: 86511

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.1 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.097 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

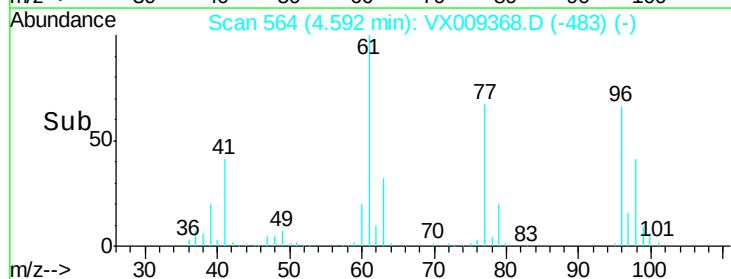
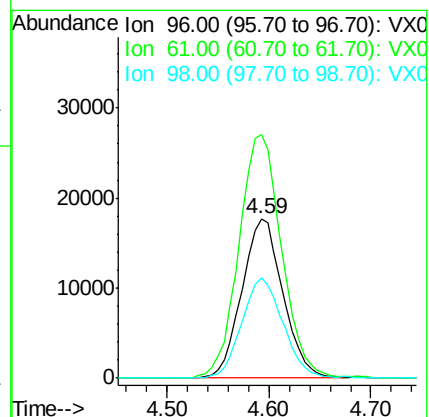
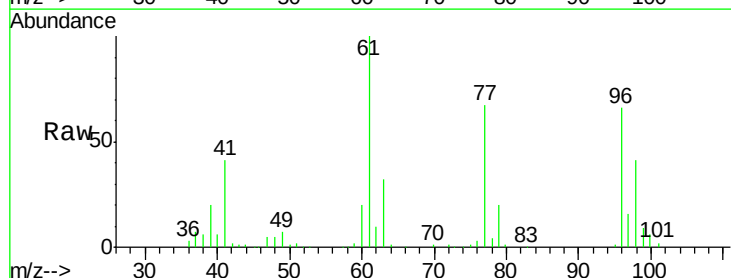
Tgt Ion: 96 Resp: 49491

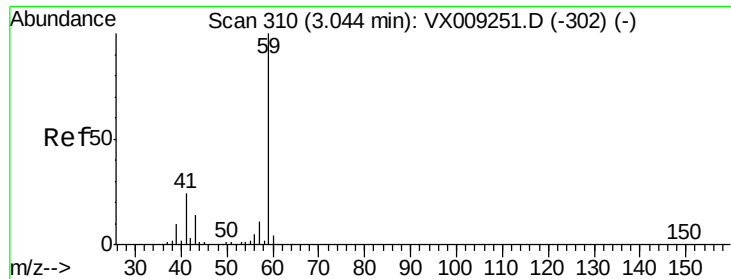
Ion Ratio Lower Upper

96 100

61 158.4 127.7 191.5

98 63.0 50.5 75.7





#23

tert-Butyl Alcohol

Concen: 94.482 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

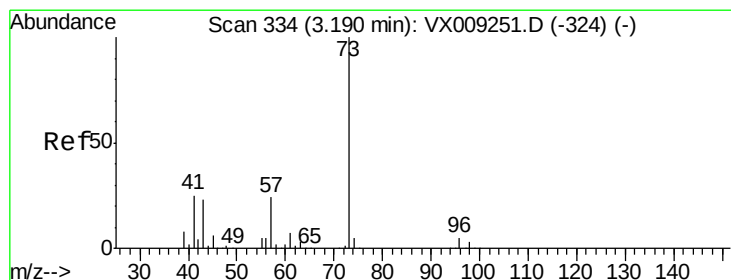
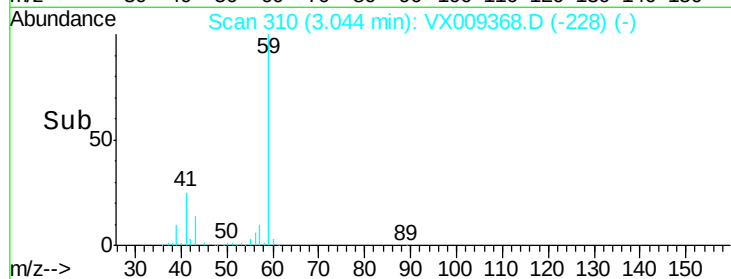
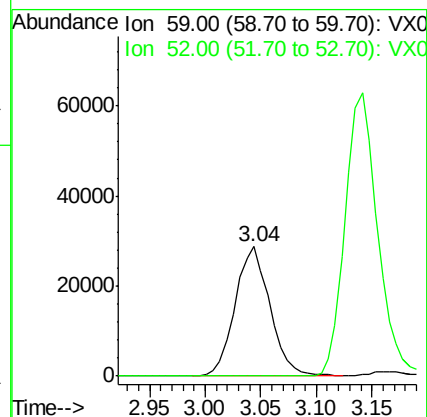
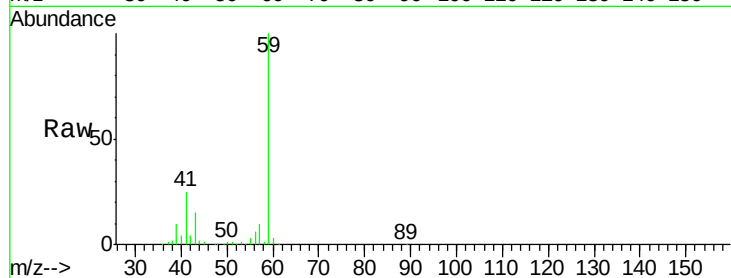
BFB

Tot Ion: 59 Resp: 62620

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.910 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.00 min

Lab File: VX009368.D

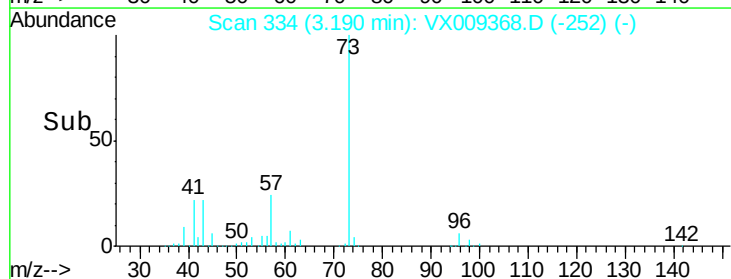
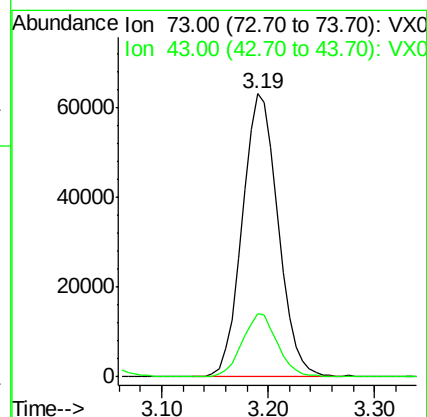
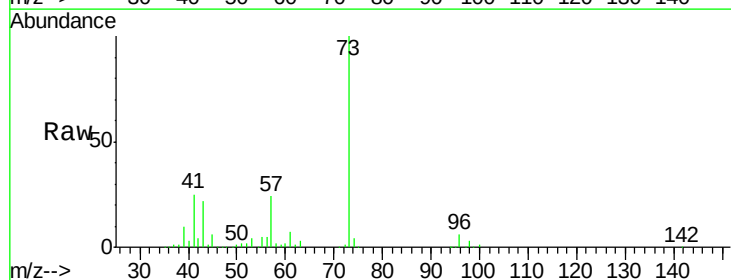
Acq: 07 May 2019 10:18

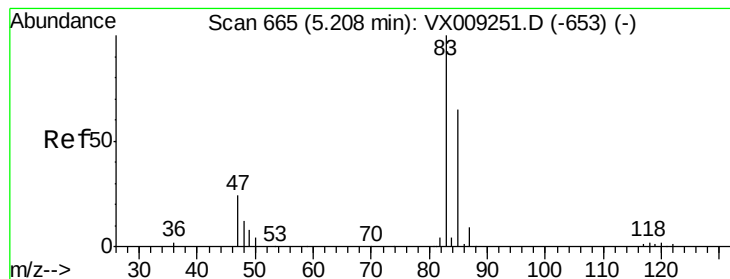
Tgt Ion: 73 Resp: 149409

Ion Ratio Lower Upper

73 100

43 21.4 17.6 26.4





#25

Chloroform

Concen: 20.065 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

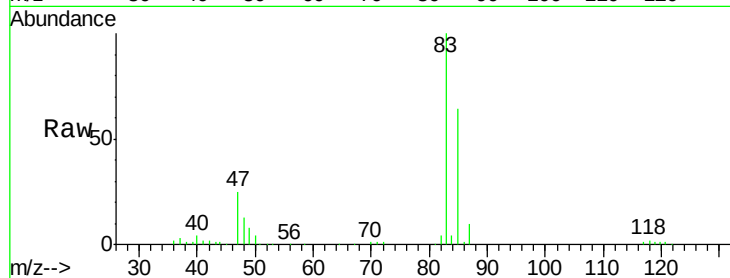
BFB

Tot Ion: 83 Resp: 80332

Ion Ratio Lower Upper

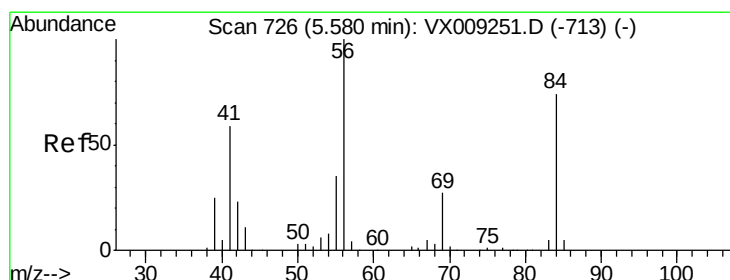
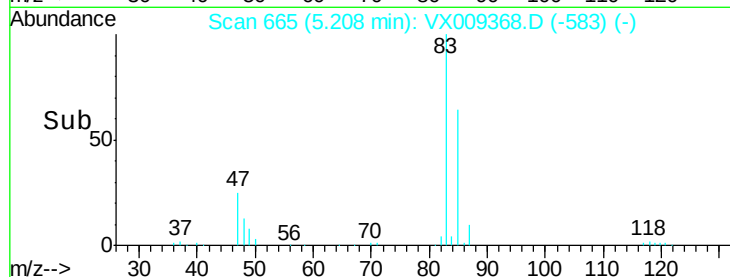
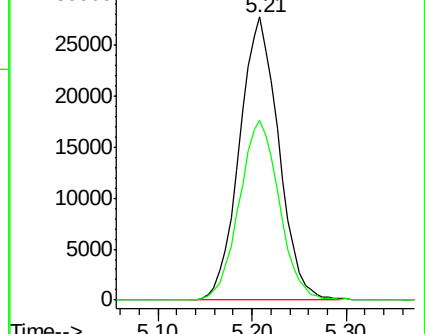
83 100

85 63.6 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.754 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

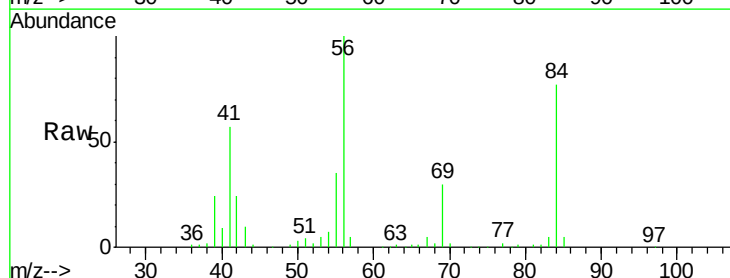
Tgt Ion: 56 Resp: 80772

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

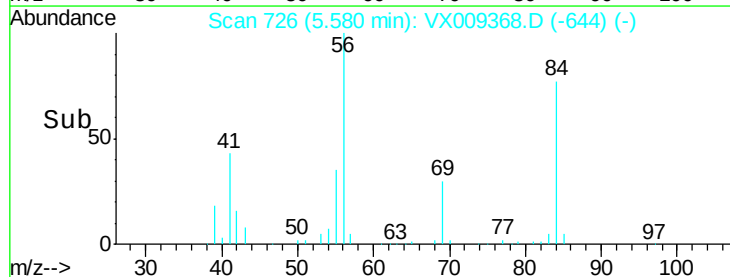
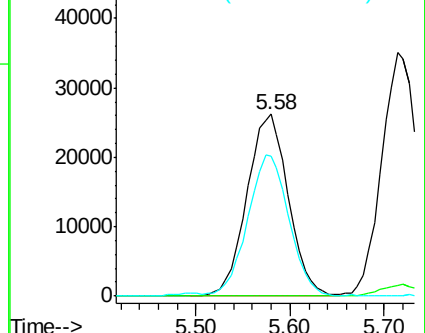
84 77.6 59.7 89.5

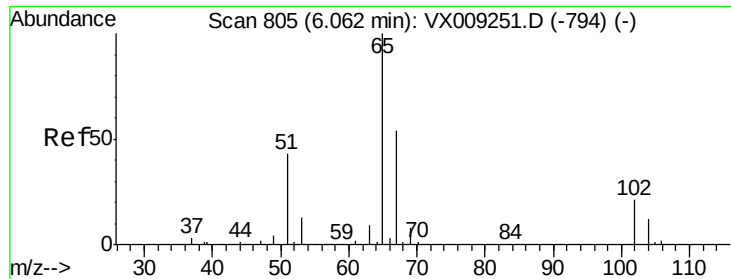


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

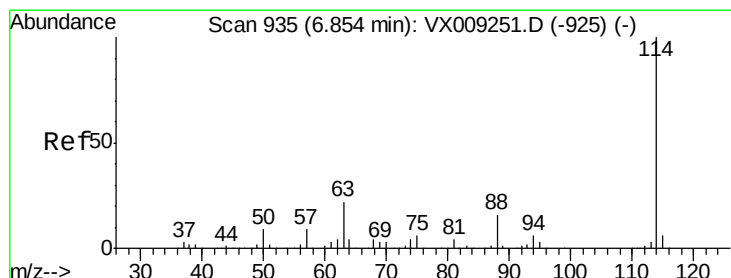
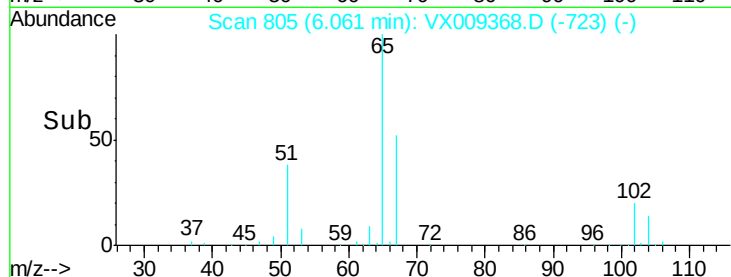
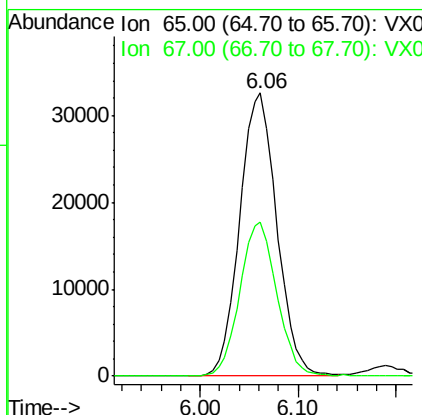
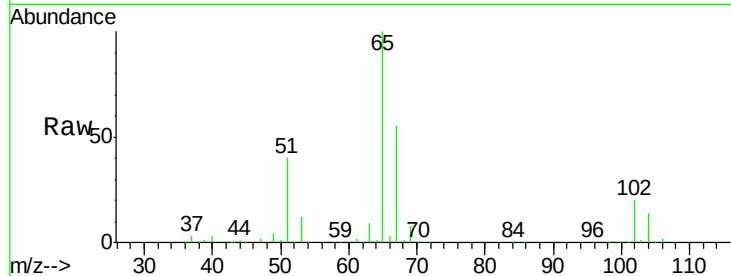




#27
 1,2-Dichloroethane-d4
 Concen: 29.495 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

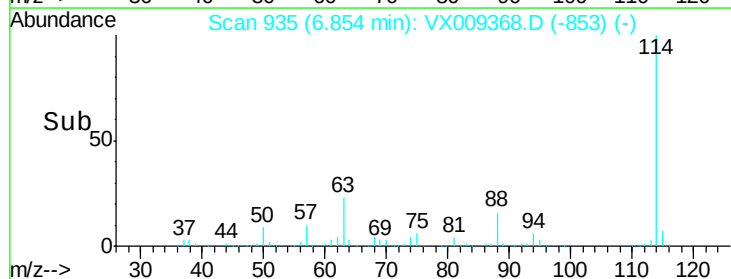
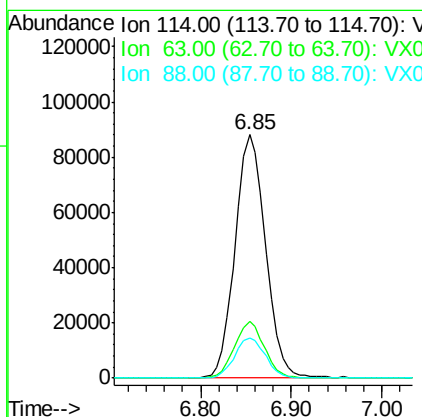
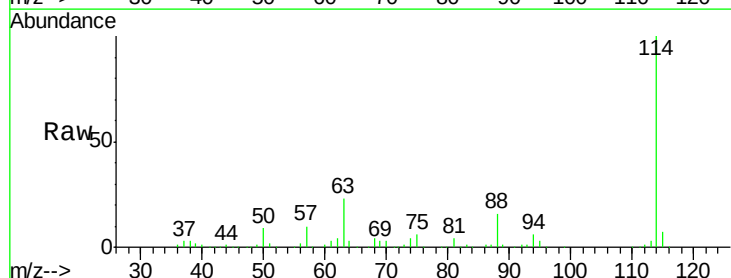
Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

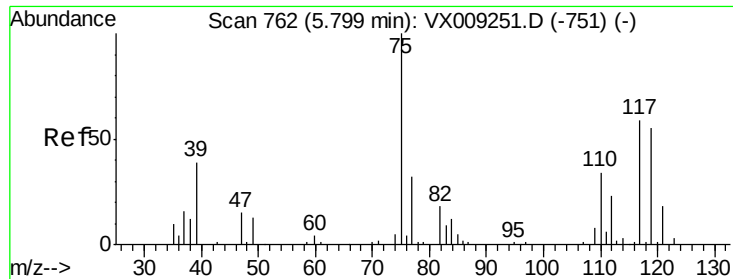
Tot Ion: 65 Resp: 85776
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion: 114 Resp: 205769
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.0 27.0
 88 16.8 13.4 20.0

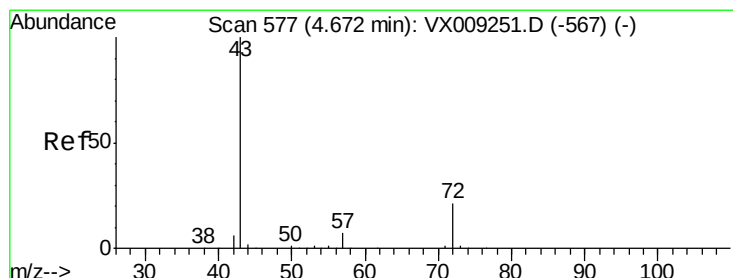
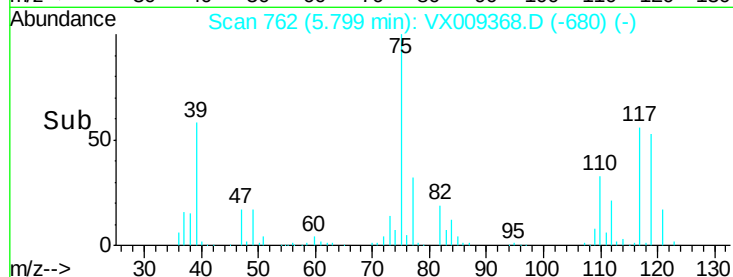
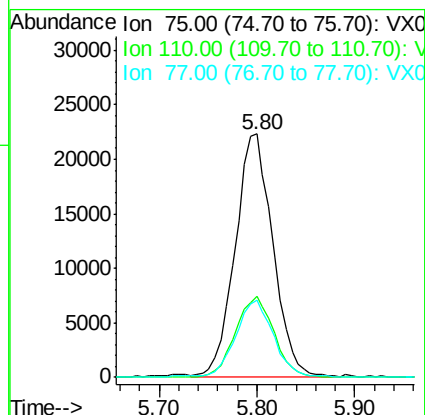
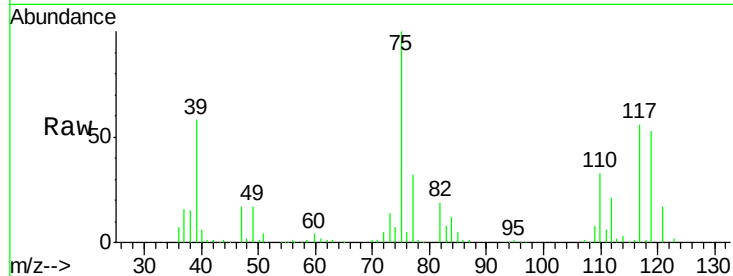




#29
 1,1-Dichloropropene
 Concen: 19.713 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

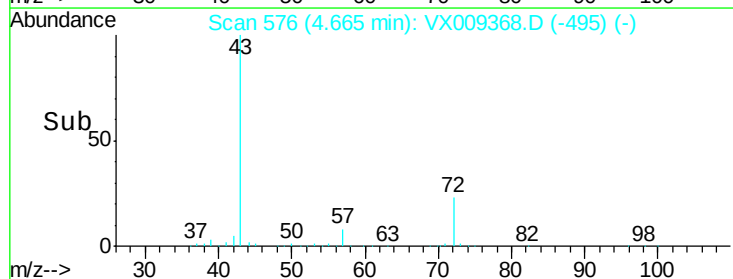
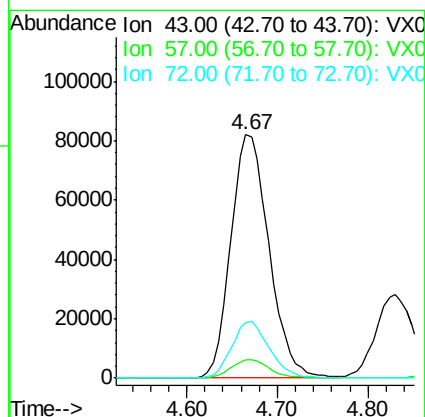
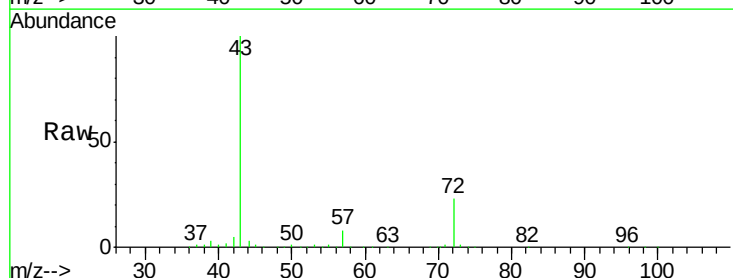
Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

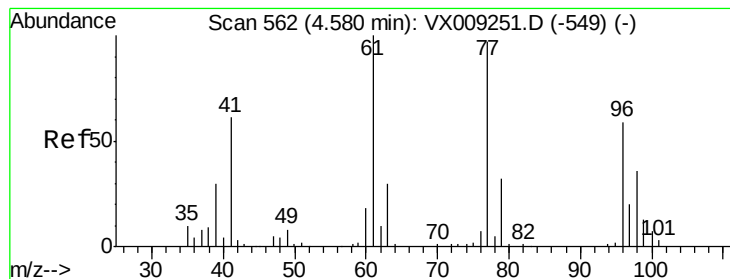
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.1	0.0	66.4
77	31.7	0.0	62.2



#30
 2-Butanone
 Concen: 100.481 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.0	9.0
72	23.1	18.2	27.4





#31

2,2-Dichloropropane

Concen: 19.968 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

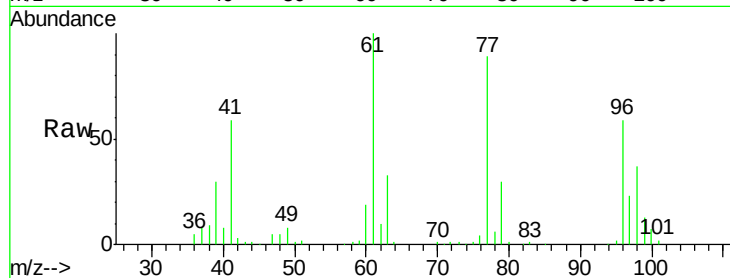
BFB

Tot Ion: 77 Resp: 66464

Ion Ratio Lower Upper

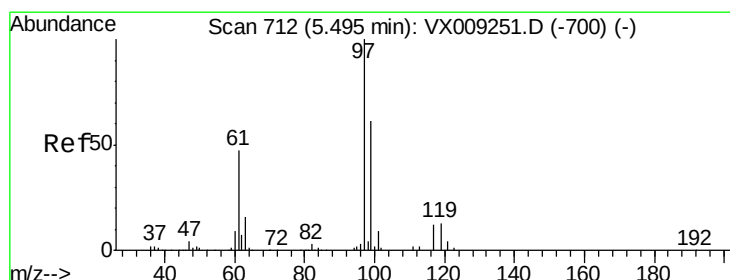
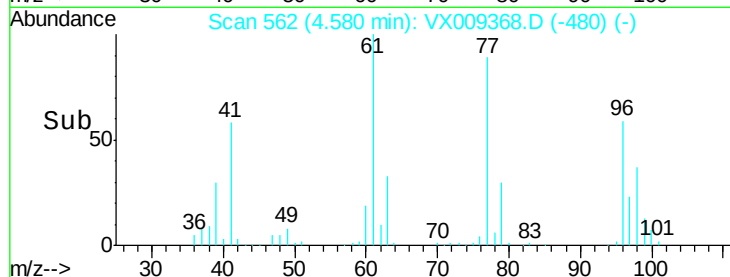
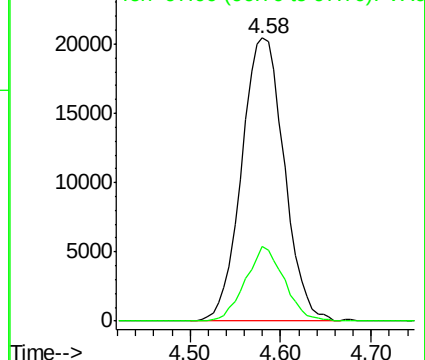
77 100

97 24.0 18.3 27.5



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.136 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

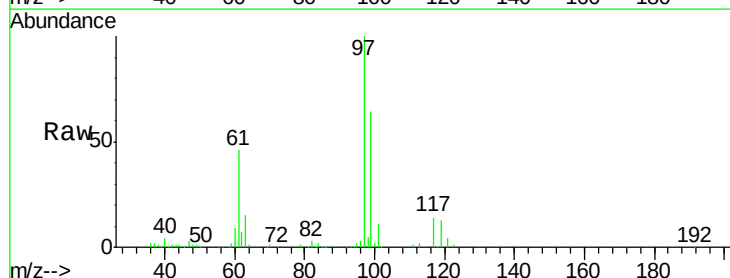
Tgt Ion: 97 Resp: 65907

Ion Ratio Lower Upper

97 100

99 65.0 53.9 80.9

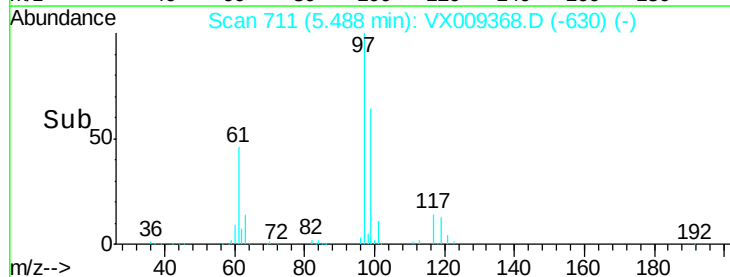
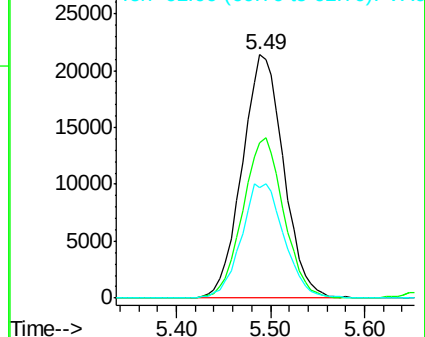
61 48.6 38.6 58.0

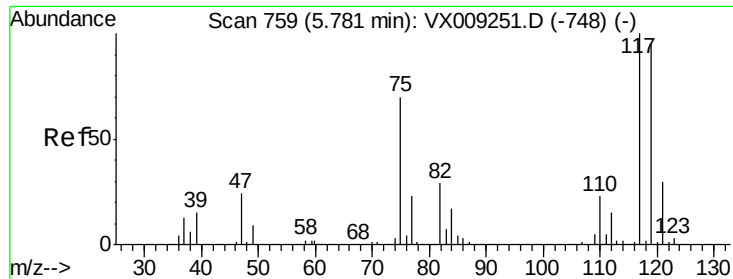


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

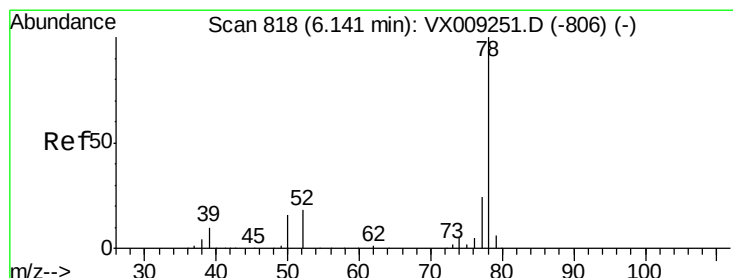
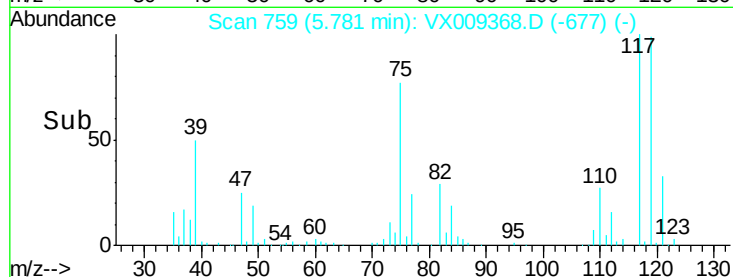
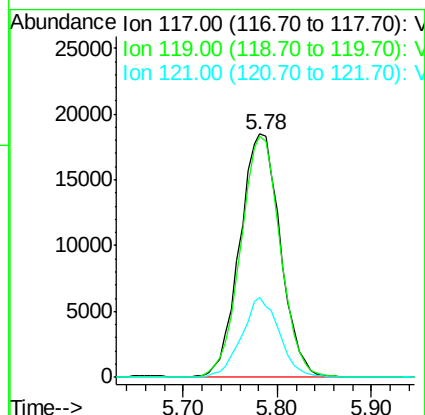
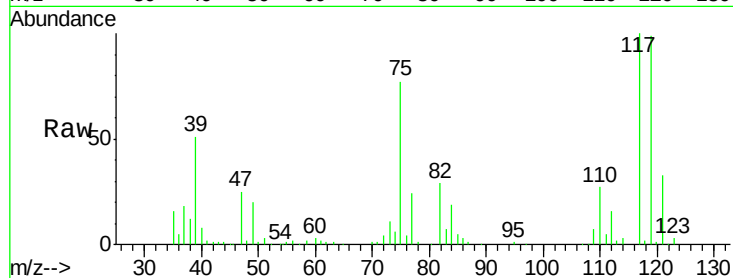




#33
Carbon Tetrachloride
Concen: 20.286 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

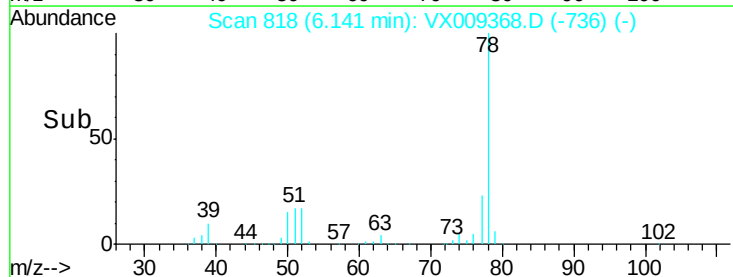
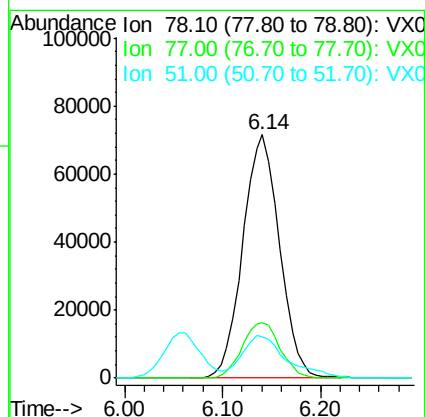
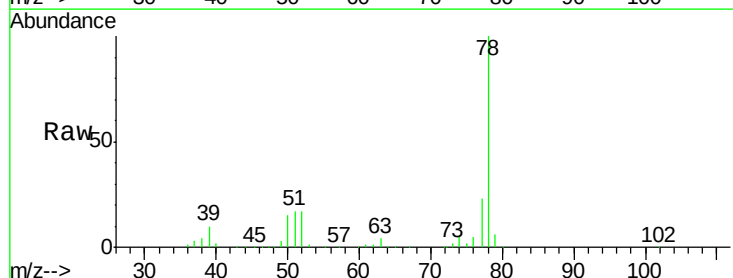
Instrument :
MSVOA_F
ClientSampled :
BFB

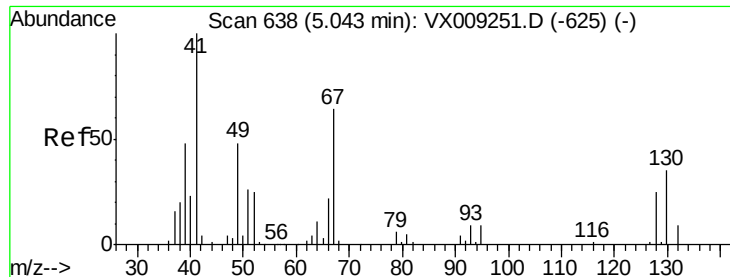
Tot Ion:117 Resp: 55554
Ion Ratio Lower Upper
117 100
119 98.7 76.1 114.1
121 32.5 24.4 36.6



#34
Benzene
Concen: 20.074 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 78 Resp: 186863
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2
51 15.9 13.5 20.3

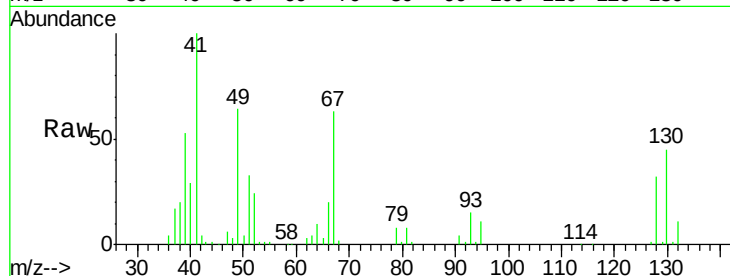




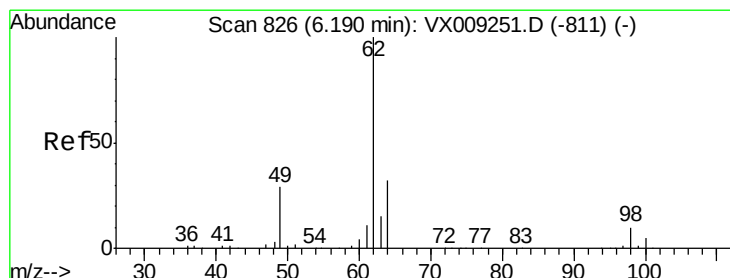
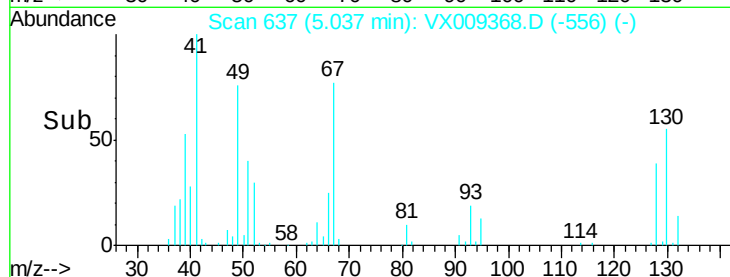
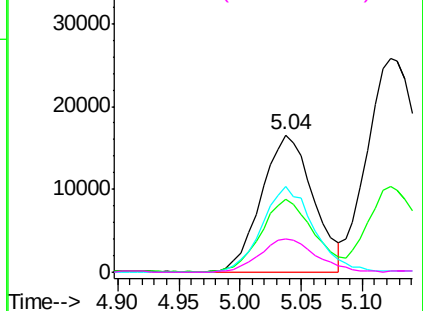
#35
Methacrylonitrile
Concen: 19.841 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tot Ion:	41	Resp:	49084
Ion	Ratio	Lower	Upper
41	100		
39	52.3	24.1	72.3
67	62.7	32.2	96.6
52	23.9	12.4	37.4

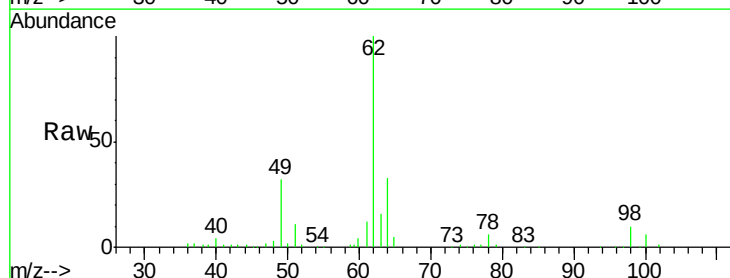


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

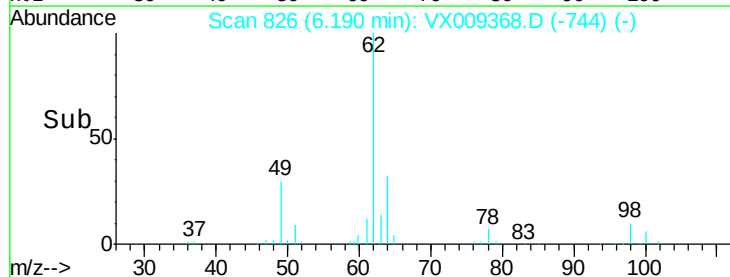
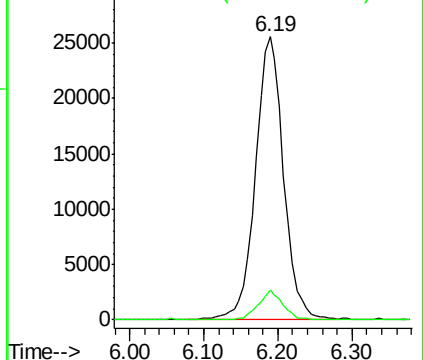


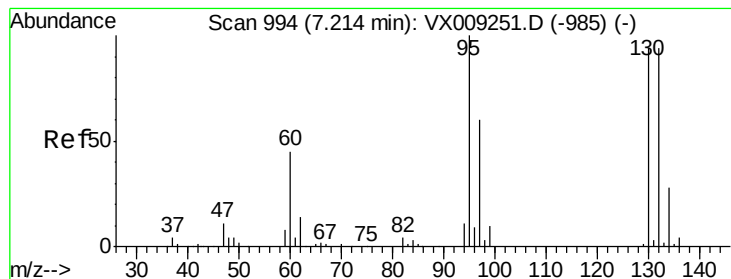
#36
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion:	62	Resp:	67504
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.876 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

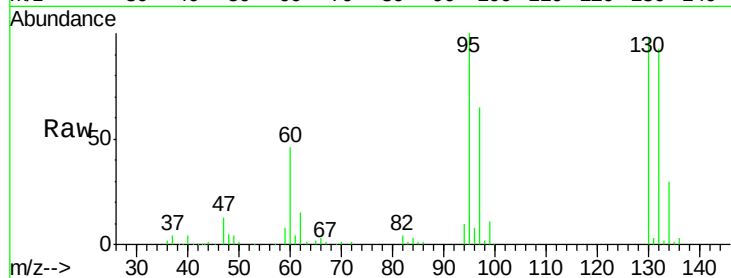
BFB

Tot Ion:130 Resp: 44538

Ion Ratio Lower Upper

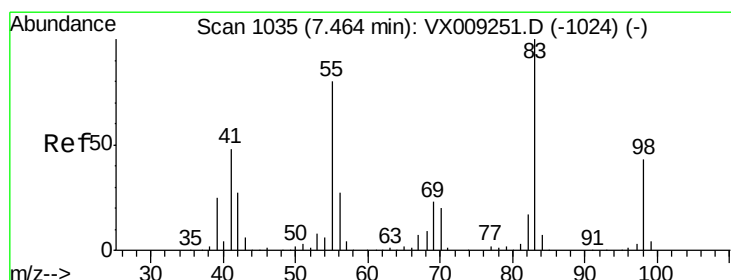
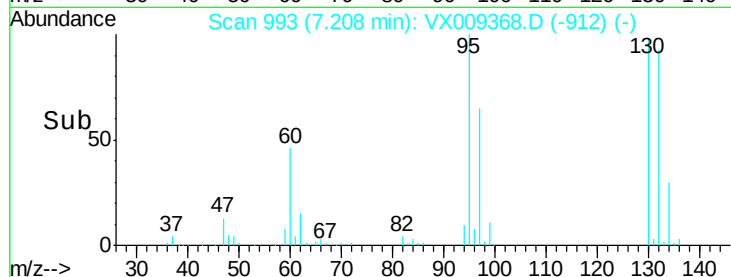
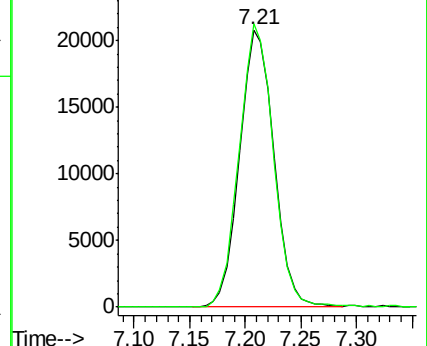
130 100

95 102.0 85.0 127.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.186 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

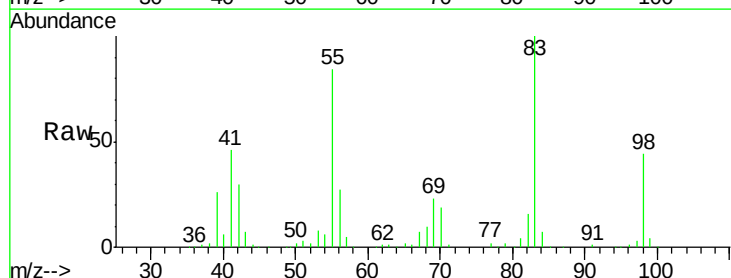
Tgt Ion: 83 Resp: 75300

Ion Ratio Lower Upper

83 100

55 85.5 43.0 129.2

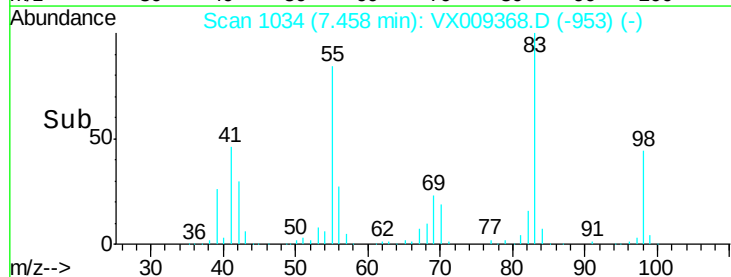
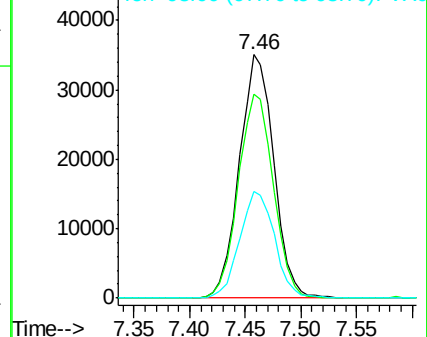
98 44.5 22.1 66.1

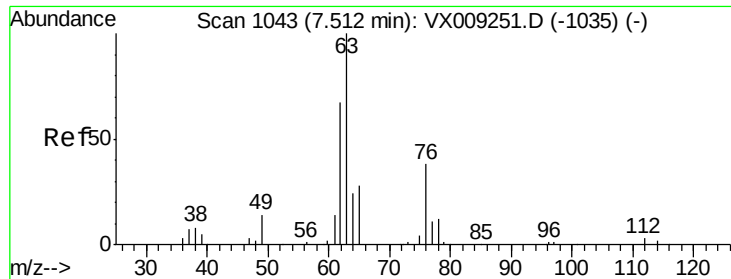


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.107 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

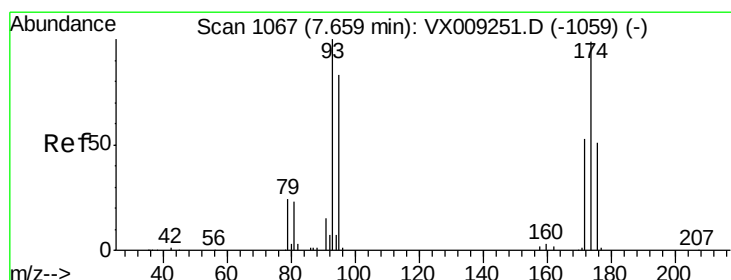
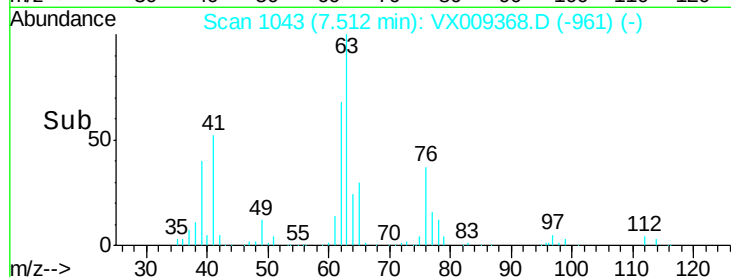
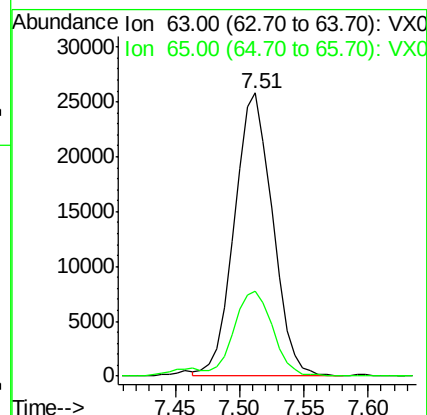
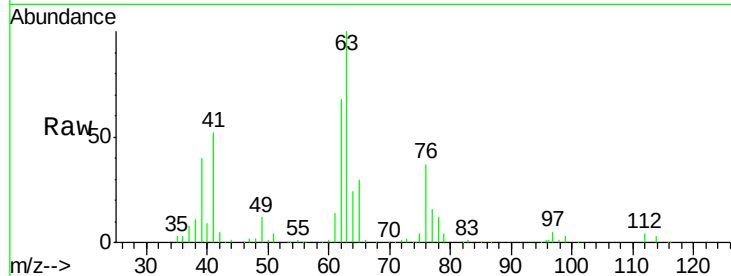
BFB

Tot Ion: 63 Resp: 53298

Ion Ratio Lower Upper

63 100

65 30.1 24.0 36.0



#40

Dibromomethane

Concen: 20.305 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

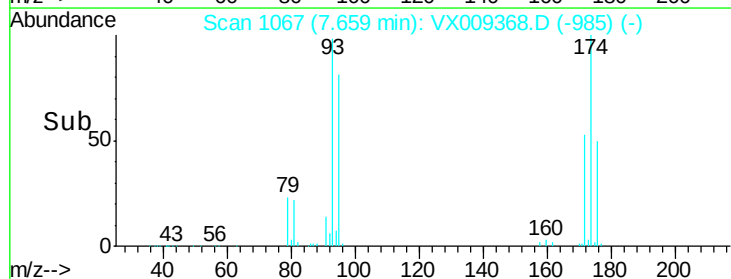
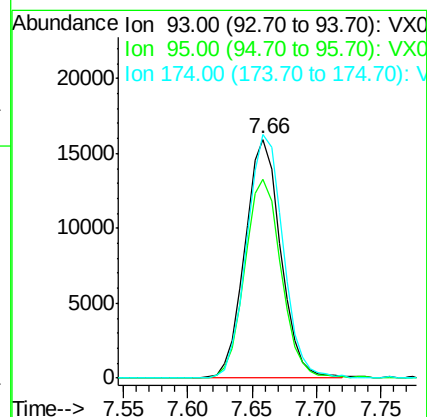
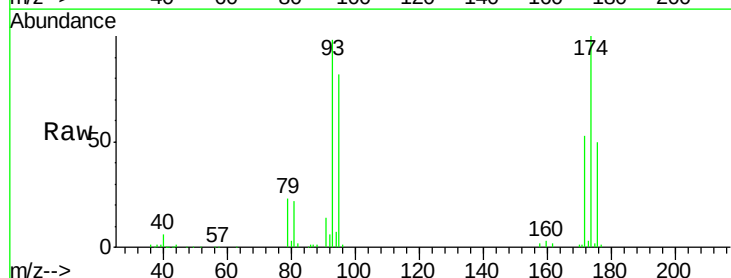
Tgt Ion: 93 Resp: 30549

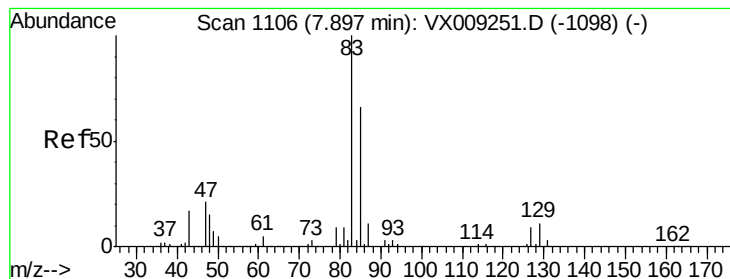
Ion Ratio Lower Upper

93 100

95 84.5 0.0 167.2

174 103.5 0.0 203.4





#41

Bromodichloromethane

Concen: 20.327 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

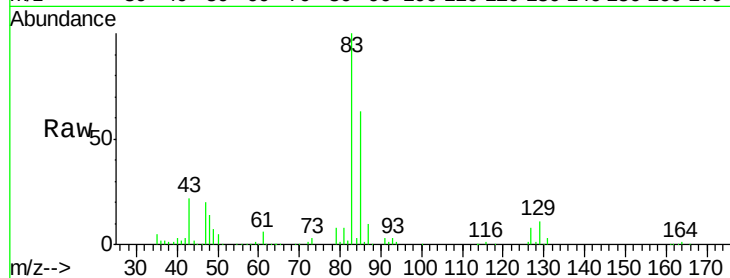
Tot Ion: 83 Resp: 62469

Ion Ratio Lower Upper

83 100

85 63.1 52.6 79.0

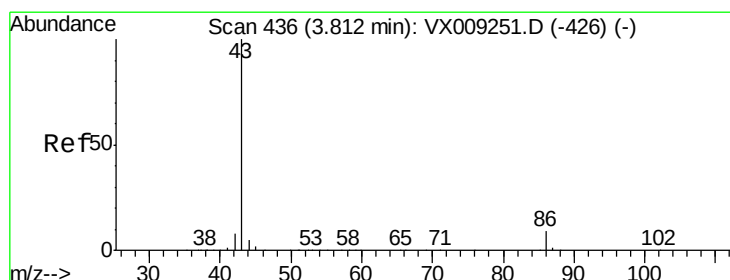
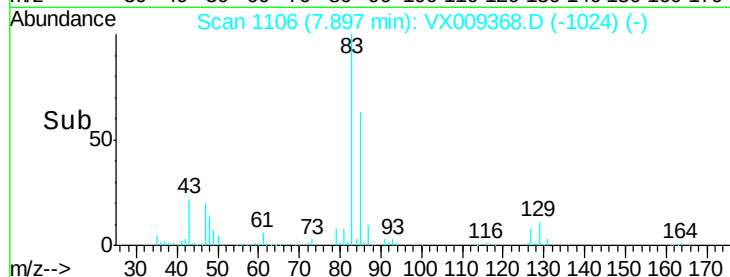
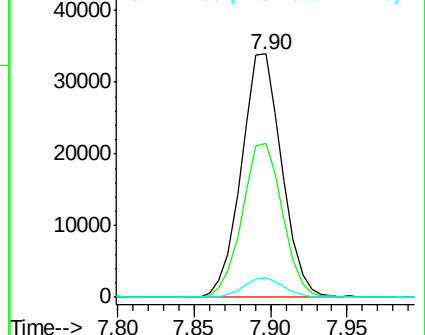
127 8.1 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.483 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009368.D

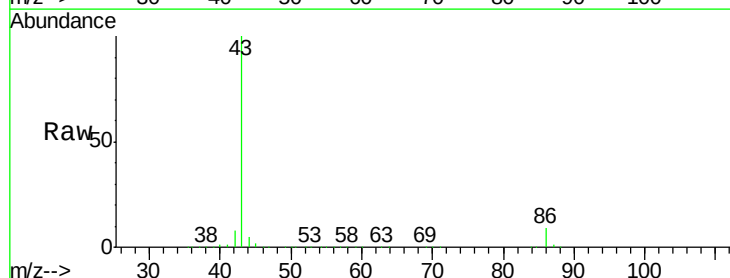
Acq: 07 May 2019 10:18

Tgt Ion: 43 Resp: 776378

Ion Ratio Lower Upper

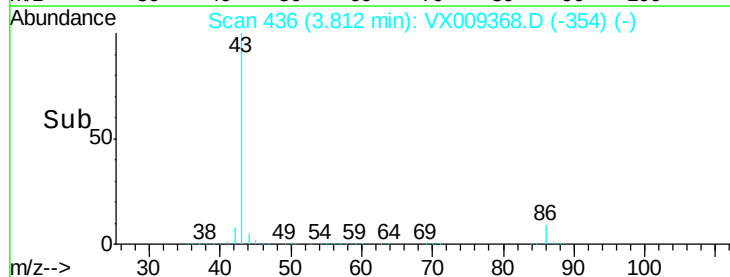
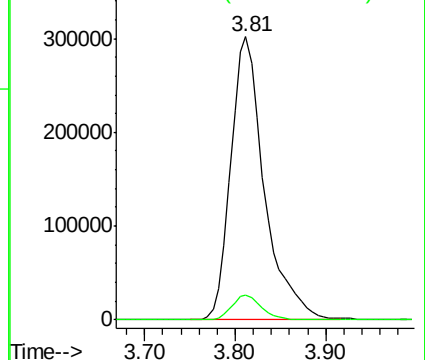
43 100

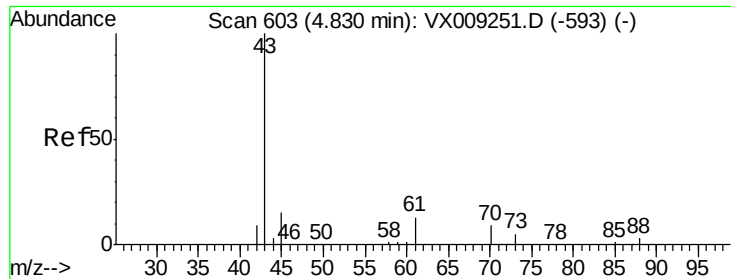
86 7.8 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

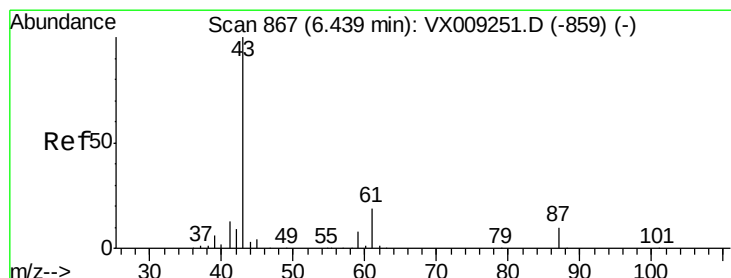
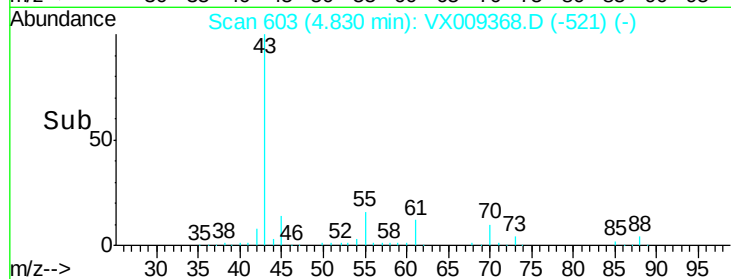
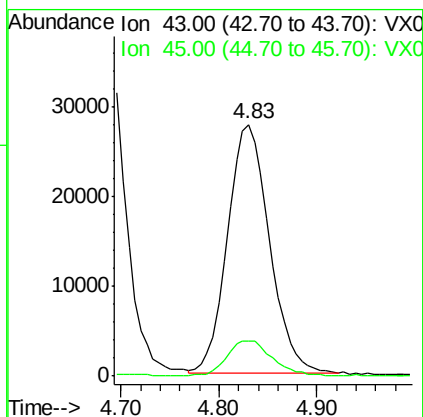
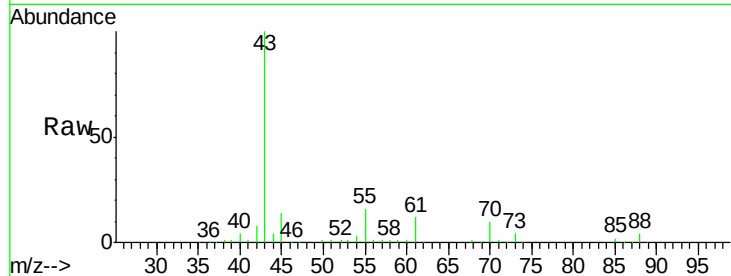




#43
Ethyl Acetate
Concen: 19.192 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

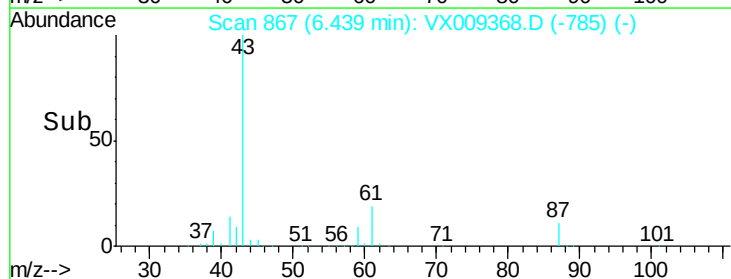
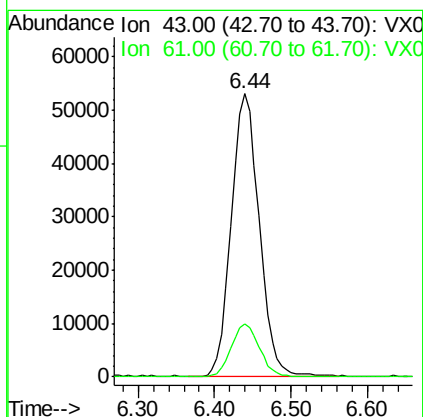
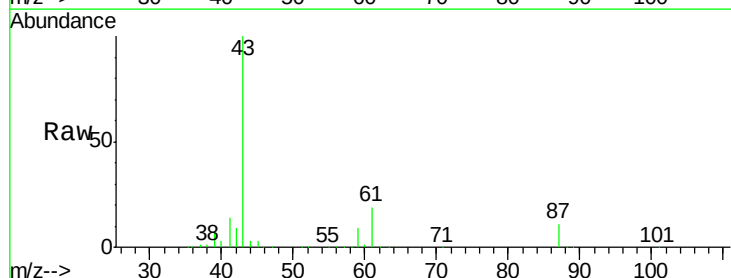
Instrument :
MSVOA_F
ClientSampleId :
BFB

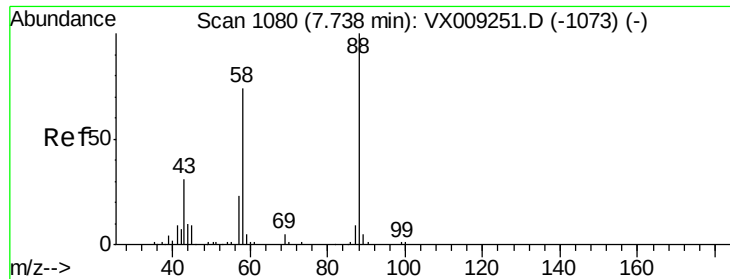
Tot Ion: 43 Resp: 82003
Ion Ratio Lower Upper
43 100
45 15.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.336 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 43 Resp: 133839
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2





#45

1,4-Dioxane

Concen: 393.436 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

BFB

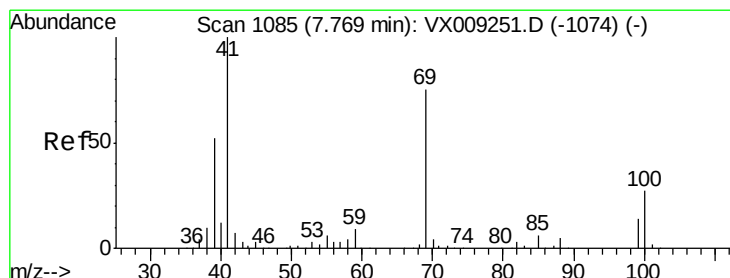
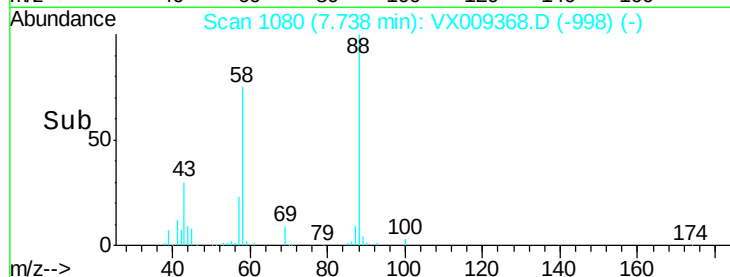
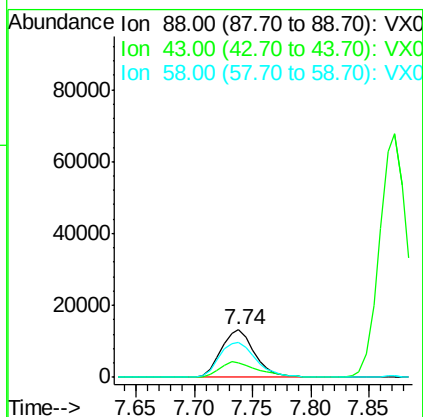
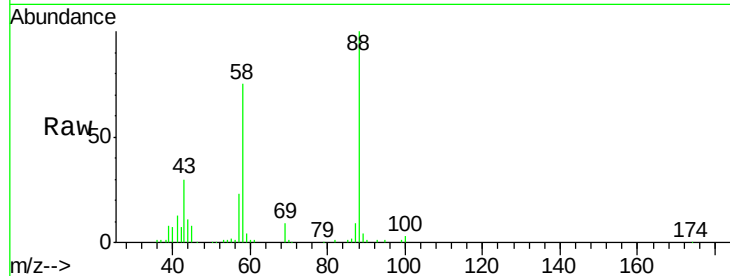
Tot Ion: 88 Resp: 26737

Ion Ratio Lower Upper

88 100

43 36.3 28.5 42.7

58 79.4 62.5 93.7



#46

Methyl methacrylate

Concen: 19.251 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

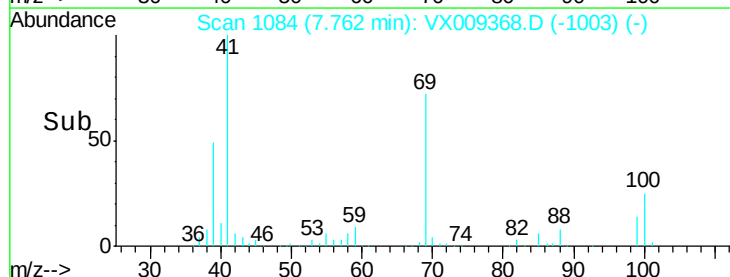
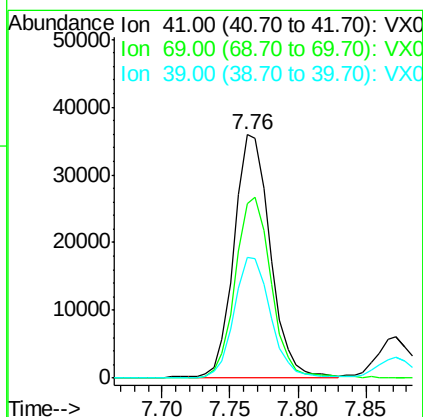
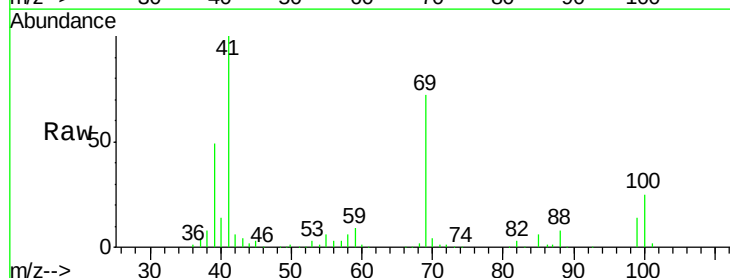
Tgt Ion: 41 Resp: 66508

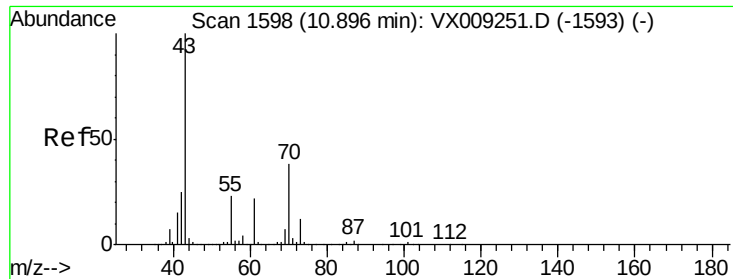
Ion Ratio Lower Upper

41 100

69 72.0 37.6 112.8

39 49.2 25.8 77.3





#47

n-amvl Acetate

Concen: 19.272 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

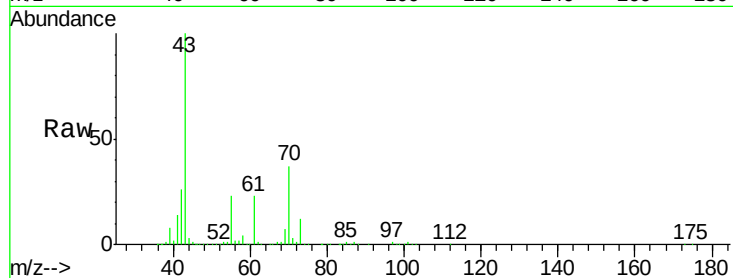
BFB

Tot Ion: 43 Resp: 120170

Ion Ratio Lower Upper

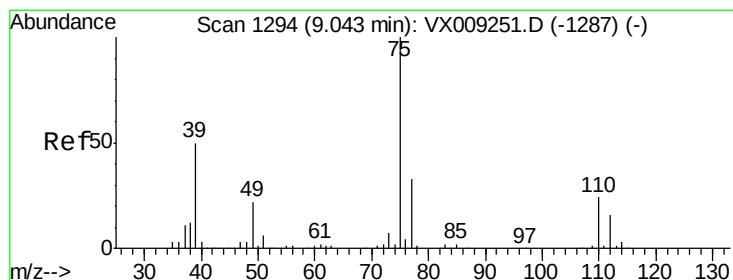
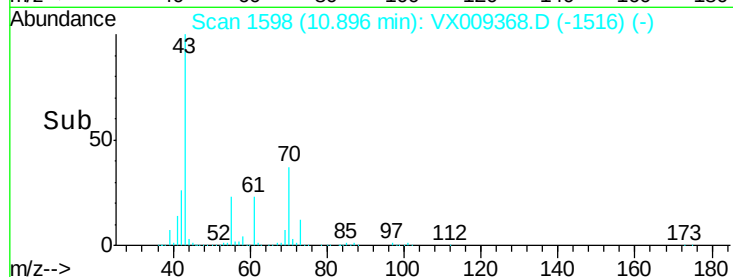
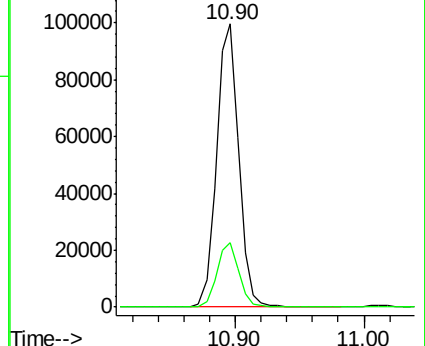
43 100

55 22.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.524 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009368.D

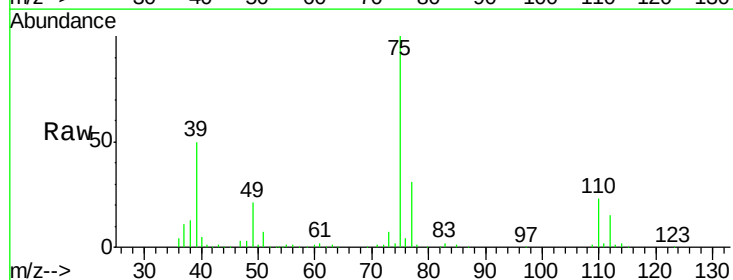
Acq: 07 May 2019 10:18

Tgt Ion: 75 Resp: 70007

Ion Ratio Lower Upper

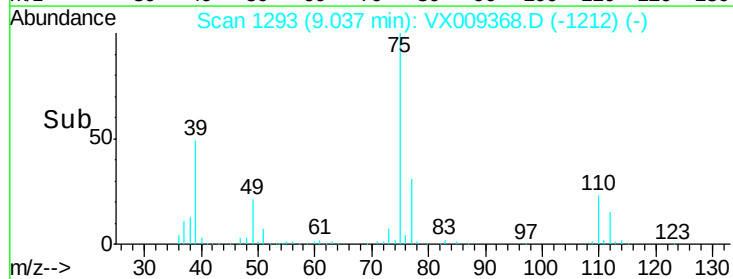
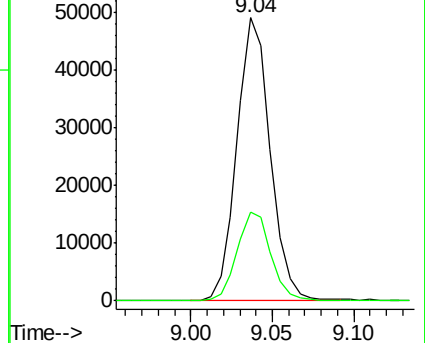
75 100

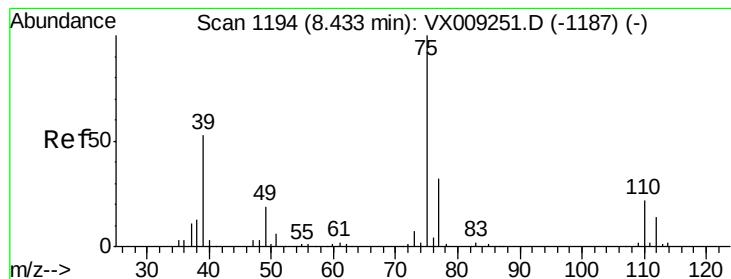
77 31.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



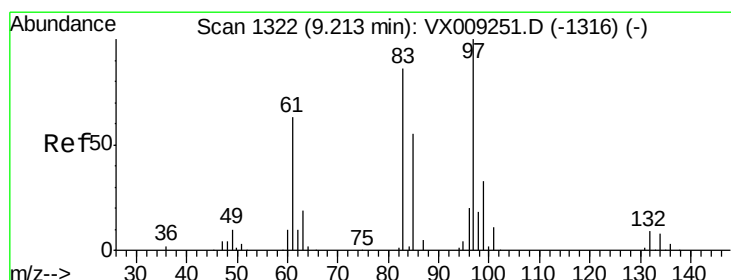
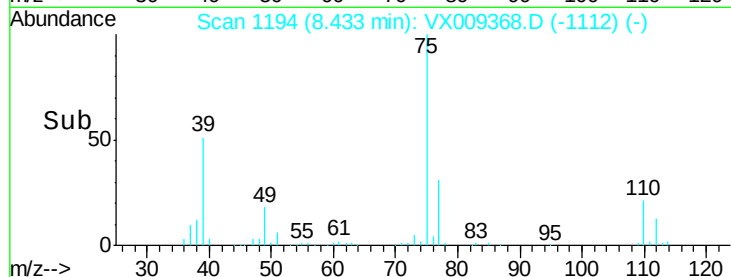
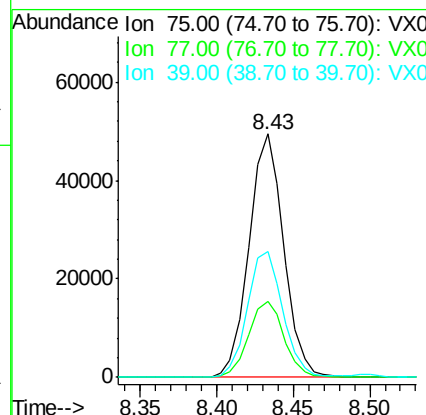
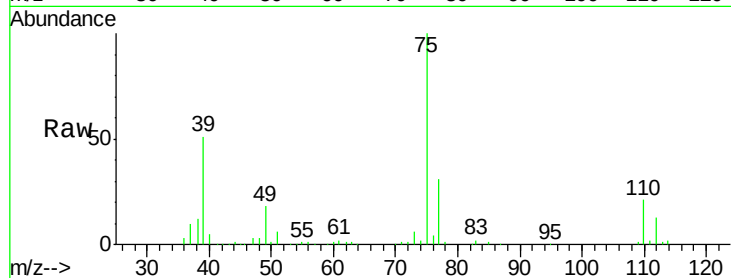


#49

cis-1,3-Dichloropropene
 Concen: 19.792 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

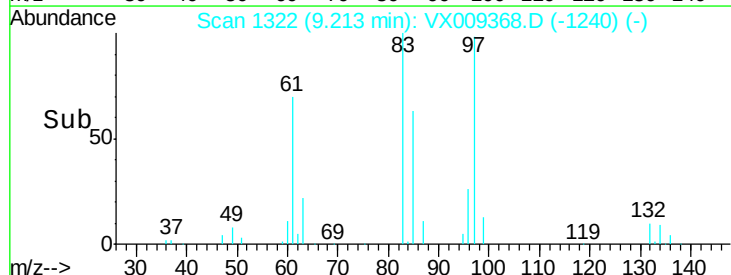
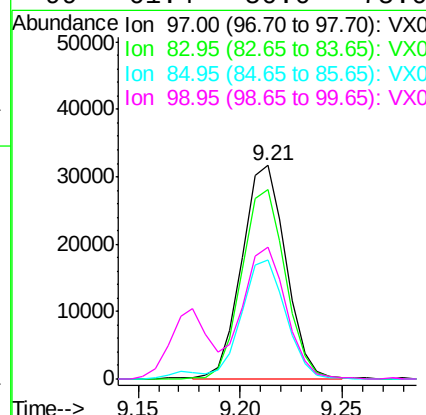
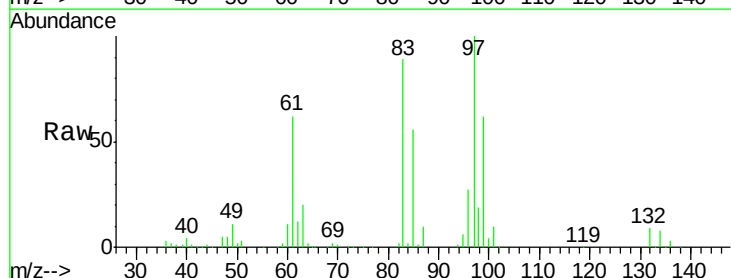
Tot Ion	75	Resp	77908
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
39	51.3	42.6	63.8

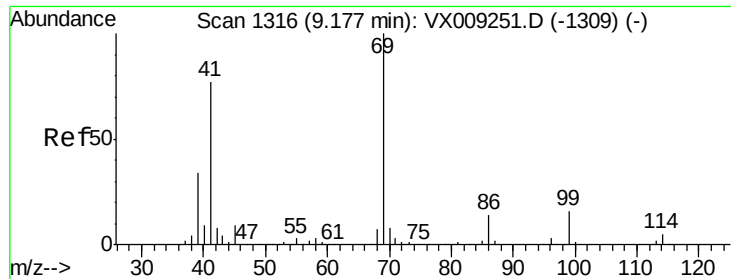


#50

1,1,2-Trichloroethane
 Concen: 20.624 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion	97	Resp	47539
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.8	103.2
85	55.6	45.8	68.6
99	61.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.447 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

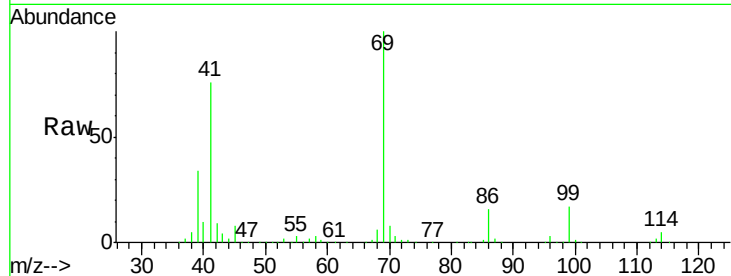
MSVOA_F

ClientSampleId :

BFB

Tot Ion: 69 Resp: 82837

Ion	Ratio	Lower	Upper
69	100		
41	75.5	38.4	115.2
39	33.8	17.2	51.5

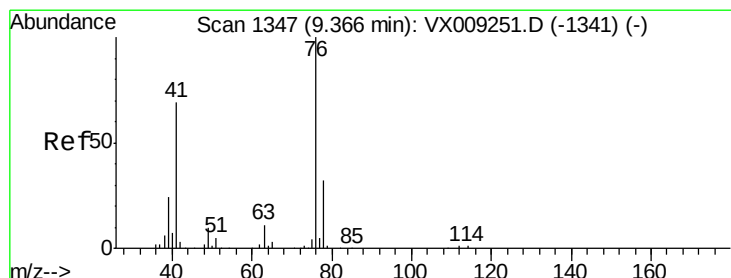
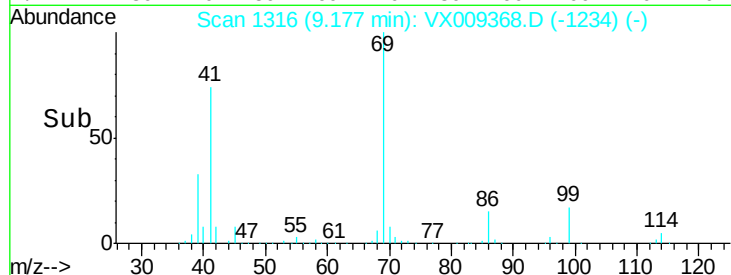
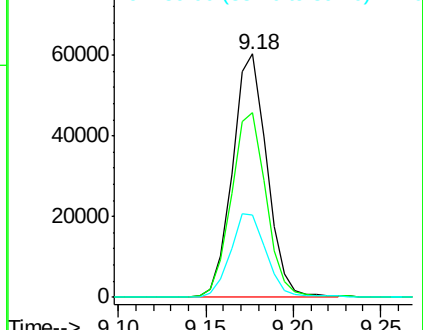


Abundance

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



#52

1,3-Dichloropropane

Concen: 20.215 ug/l

RT: 9.37 min Scan# 1347

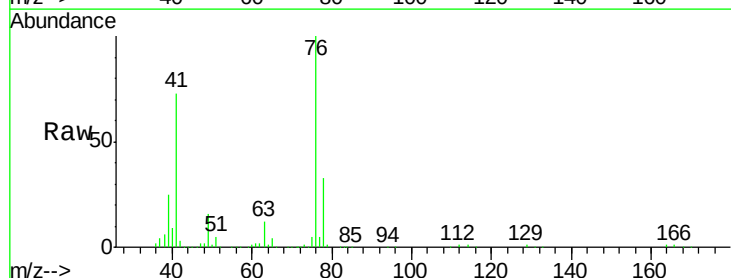
Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Tgt Ion: 76 Resp: 82695

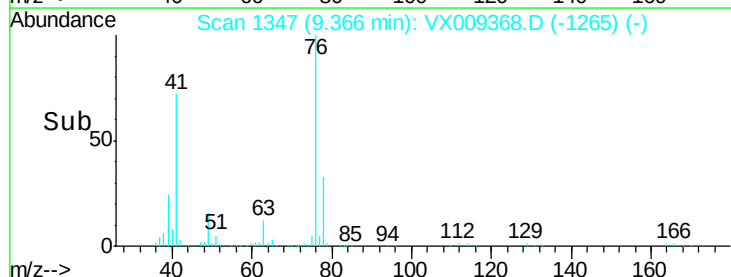
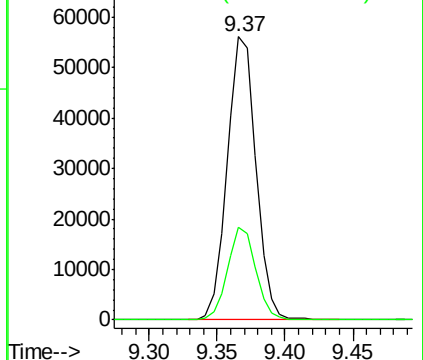
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	64.2

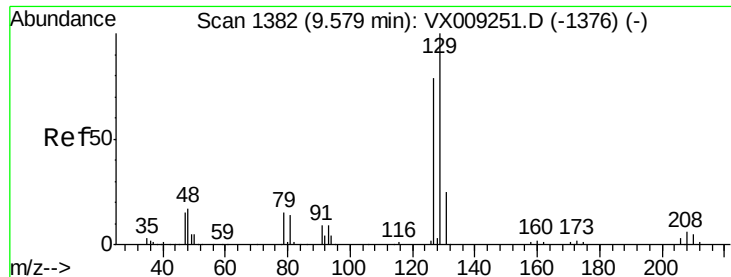


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

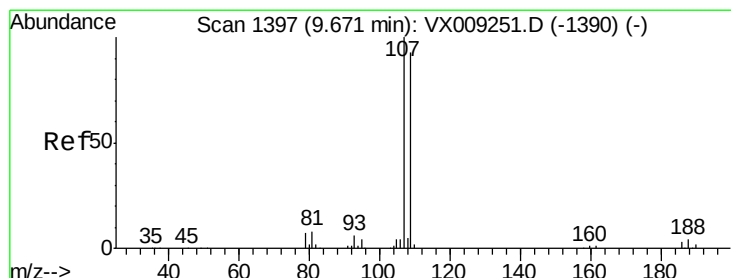
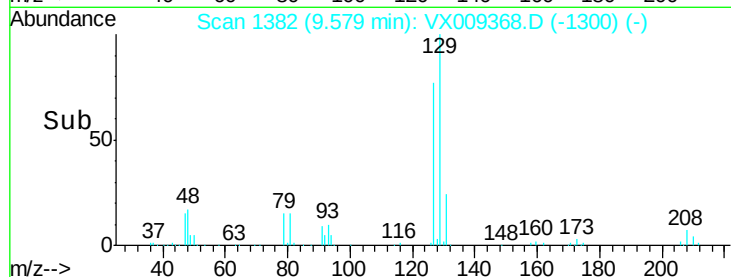
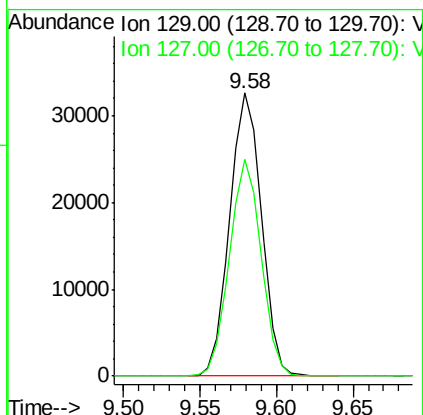
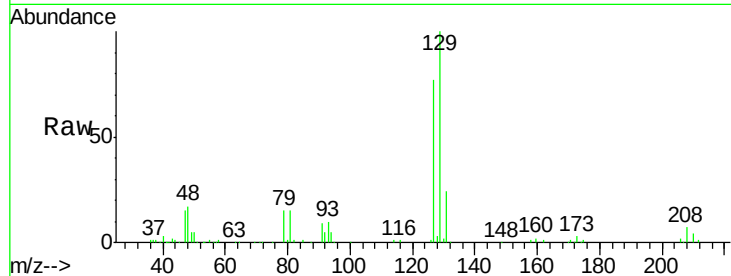




#53
Dibromochloromethane
Concen: 20.503 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

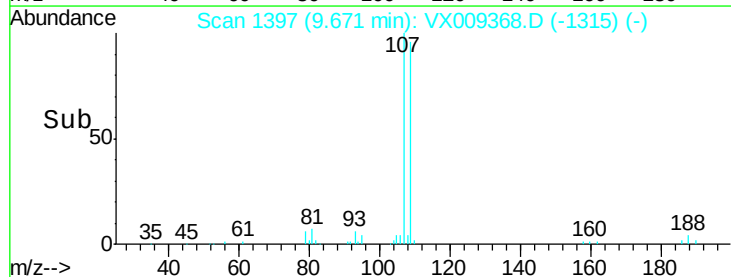
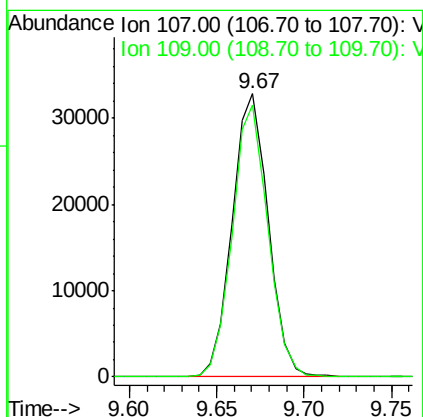
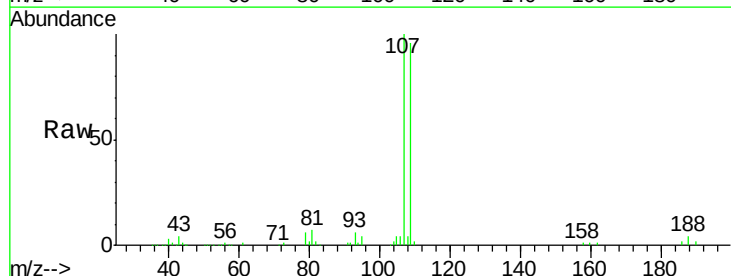
Instrument :
MSVOA_F
ClientSampleId :
BFB

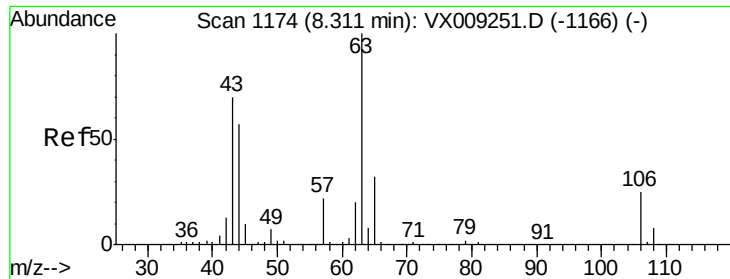
Tot Ion:129 Resp: 47067
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.5



#54
1,2-Dibromoethane
Concen: 19.930 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion:107 Resp: 47116
Ion Ratio Lower Upper
107 100
109 95.0 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 79.606 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

BFB

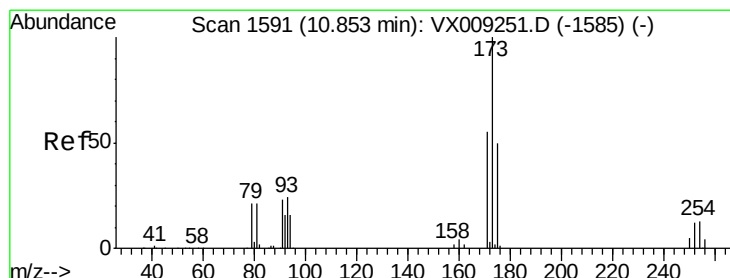
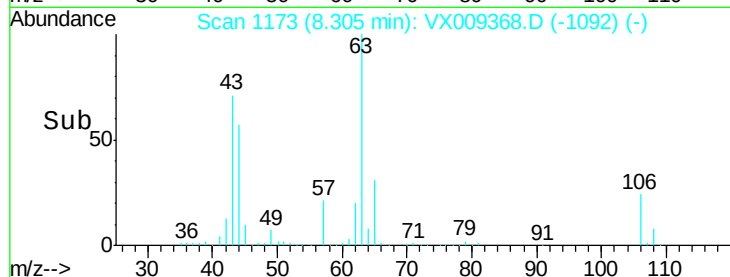
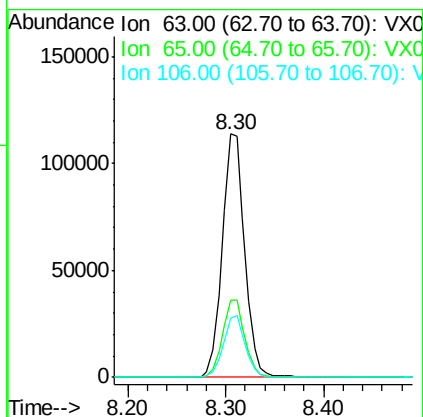
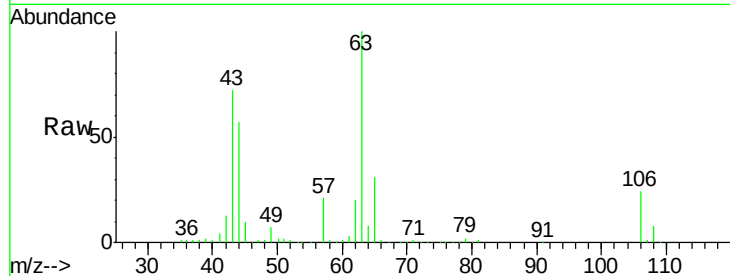
Tot Ion: 63 Resp: 180690

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6

106 24.8 19.8 29.6



#56

Bromoform

Concen: 19.684 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

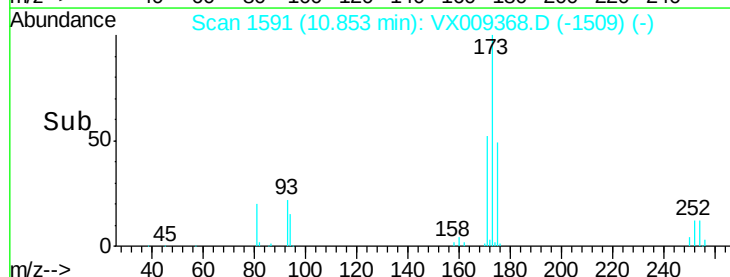
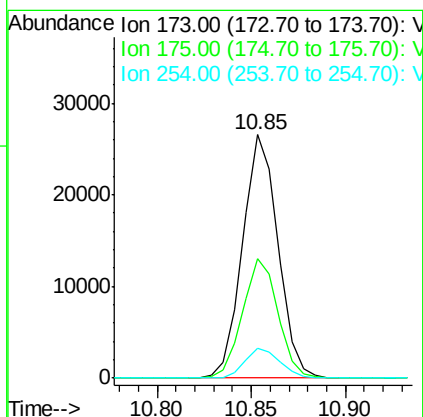
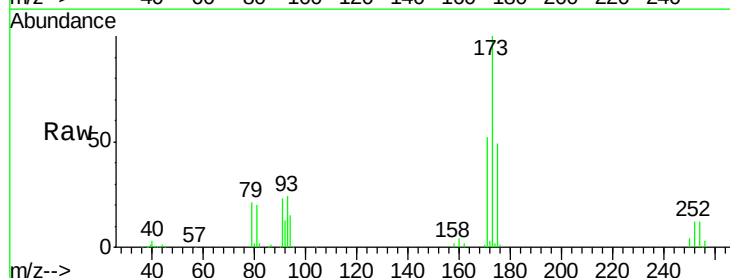
Tgt Ion: 173 Resp: 34687

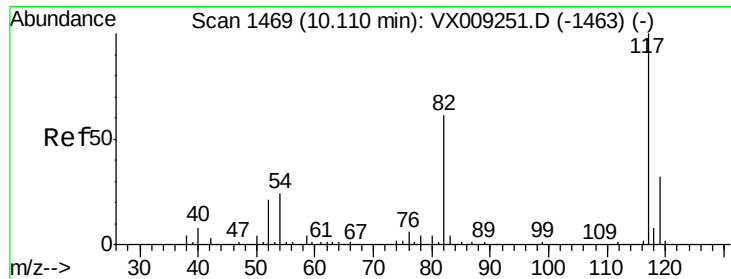
Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.2

254 12.0 9.9 14.9

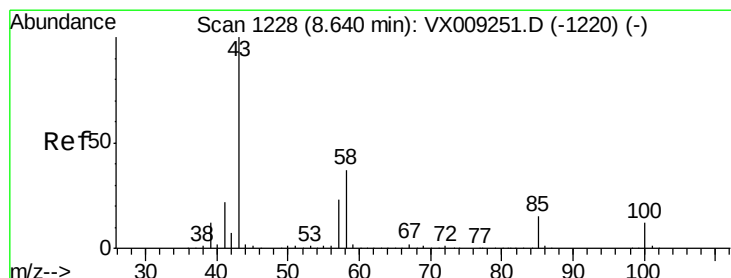
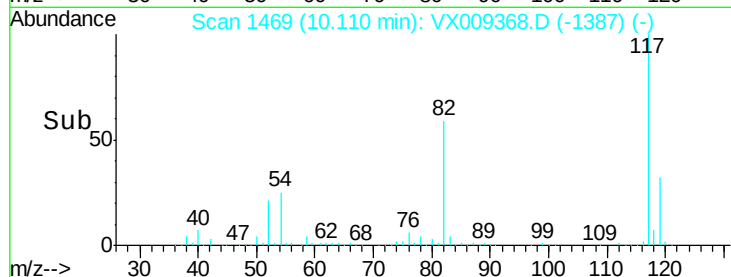
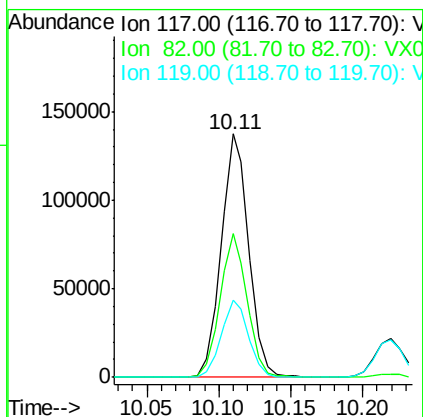
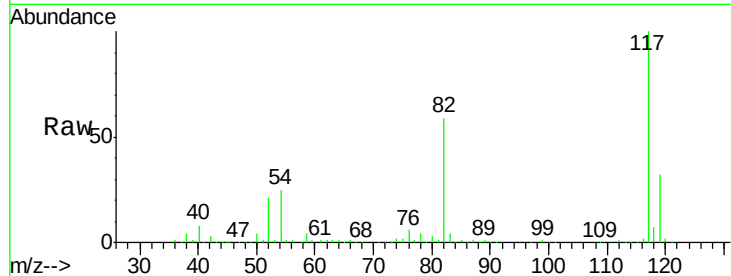




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

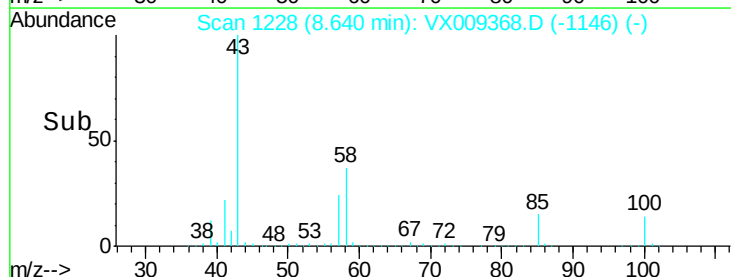
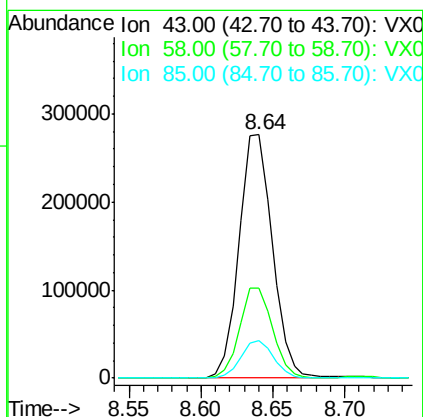
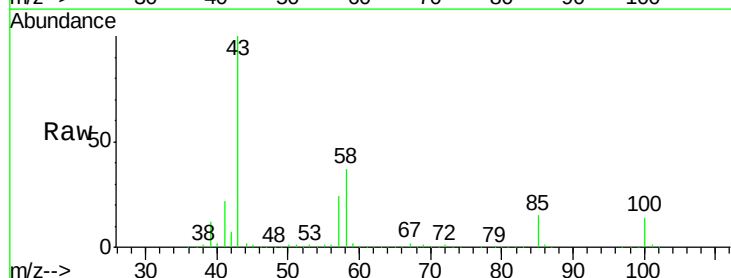
Instrument :
MSVOA_F
ClientSampled :
BFB

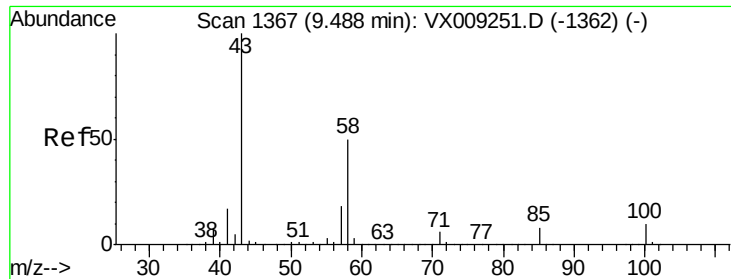
Tot Ion:117 Resp: 183723
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 31.6 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 98.406 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 43 Resp: 444554
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 15.0 11.8 17.8

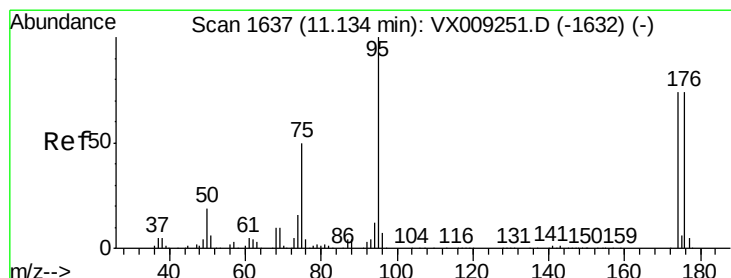
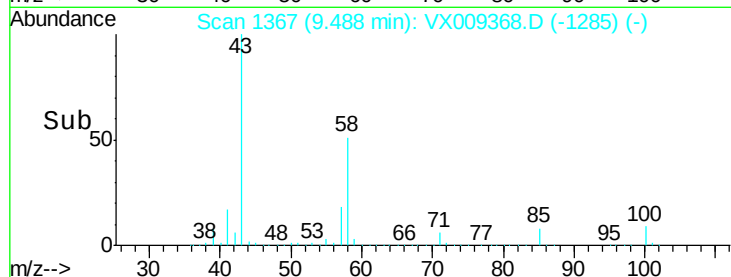
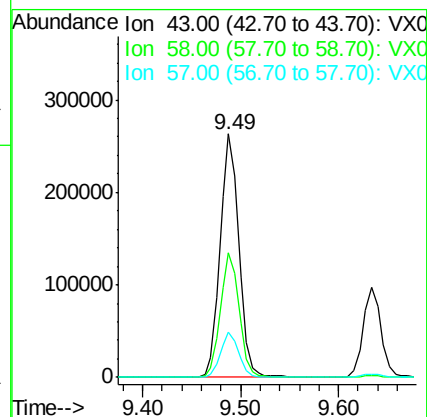
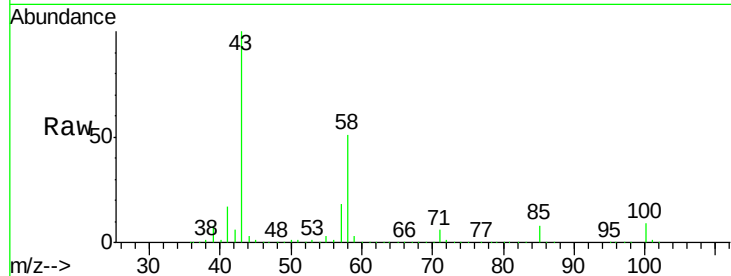




#59
2-Hexanone
Concen: 99.089 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

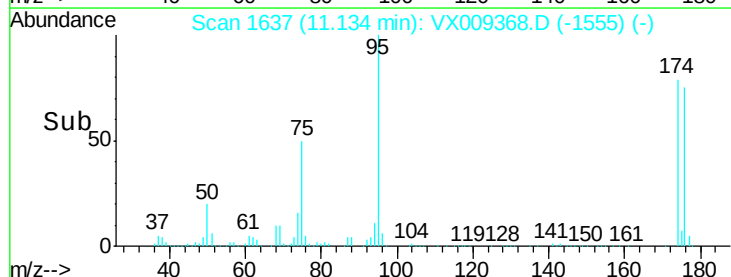
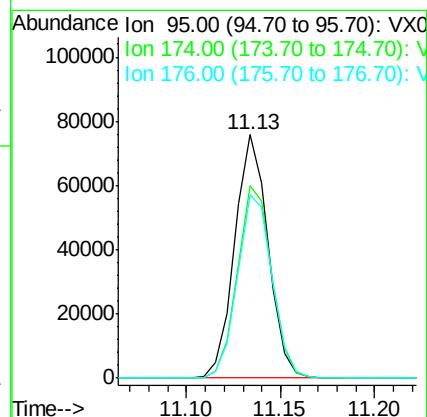
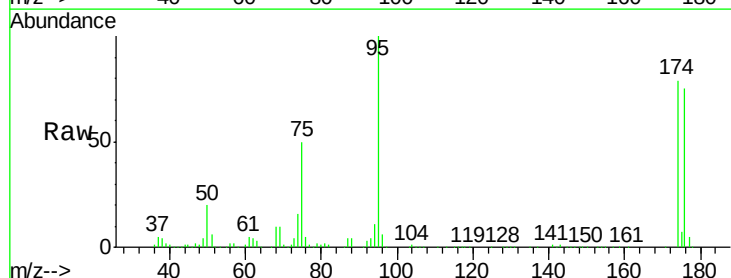
Instrument :
MSVOA_F
ClientSampleId :
BFB

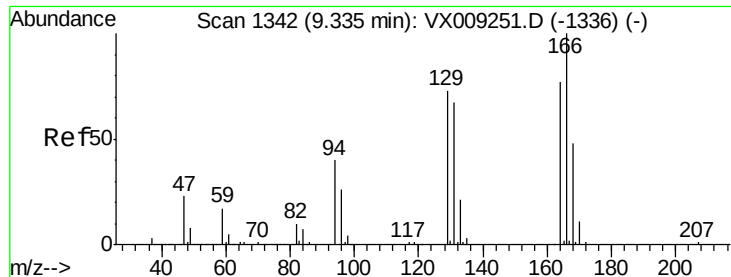
Tot Ion: 43 Resp: 351104
Ion Ratio Lower Upper
43 100
58 51.2 40.8 61.2
57 17.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.813 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 95 Resp: 93073
Ion Ratio Lower Upper
95 100
174 81.1 63.6 95.4
176 78.4 62.4 93.6





#61

Tetrachloroethene

Concen: 20.525 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

Tot Ion:164 Resp: 41571

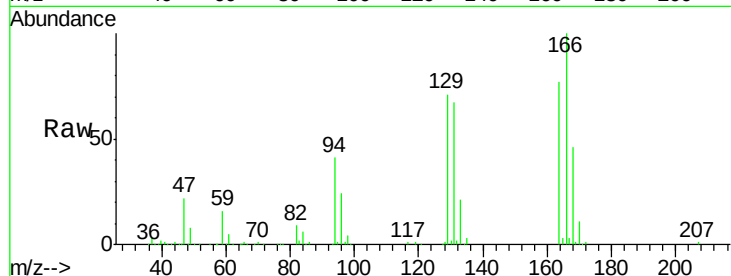
Ion Ratio Lower Upper

164 100

166 130.0 104.1 156.1

129 92.1 76.0 114.0

131 87.5 70.1 105.1

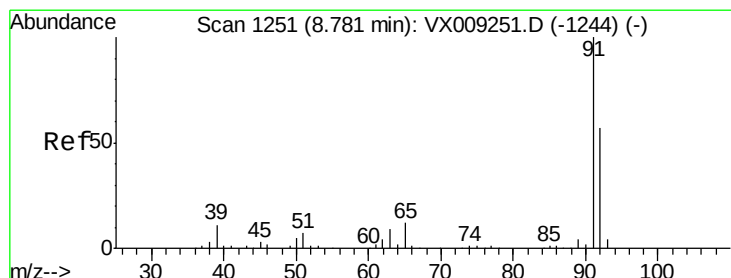
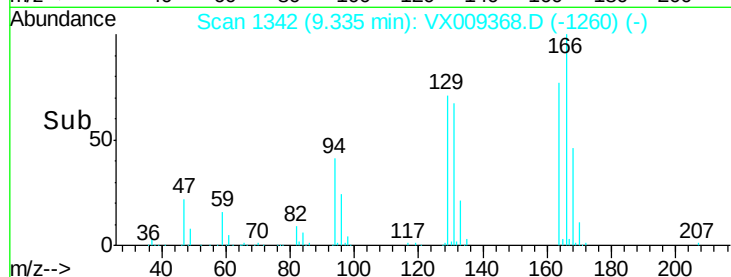
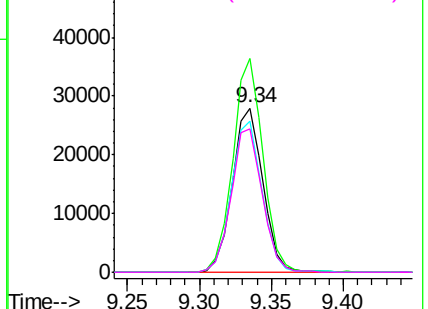


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.013 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009368.D

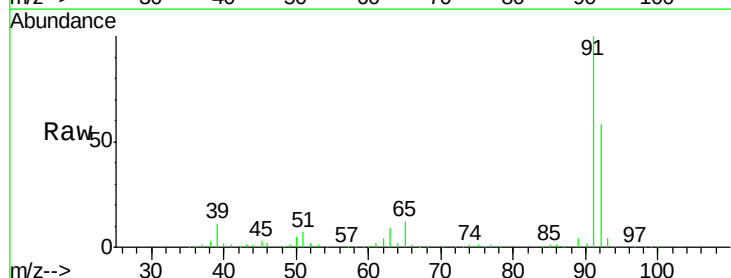
Acq: 07 May 2019 10:18

Tgt Ion: 91 Resp: 196477

Ion Ratio Lower Upper

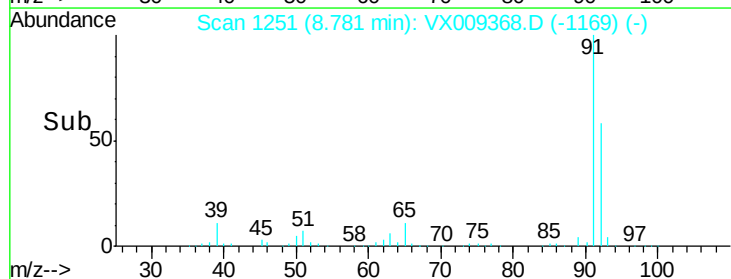
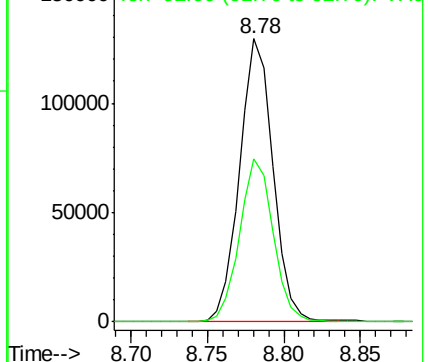
91 100

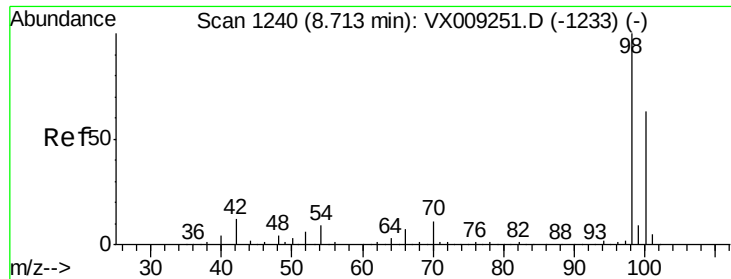
92 58.4 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

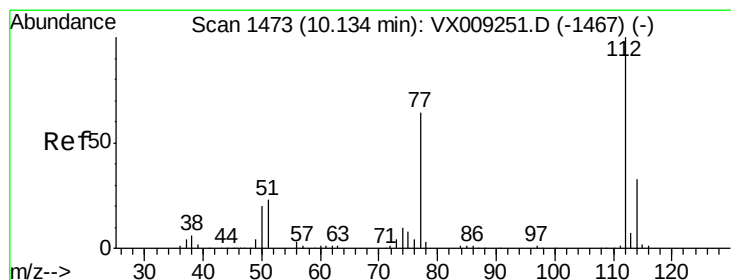
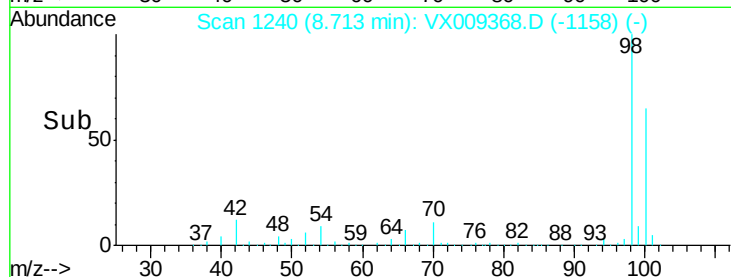
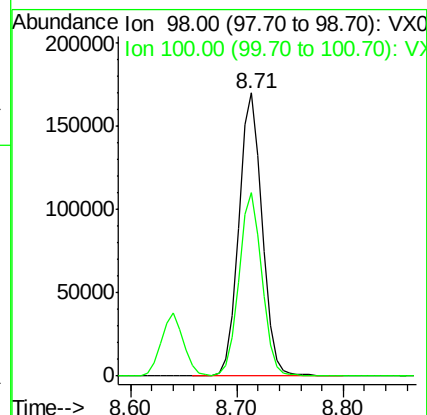
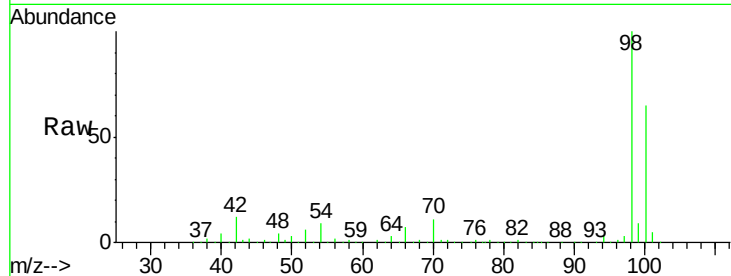




#63
Toluene-d8
Concen: 30.109 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

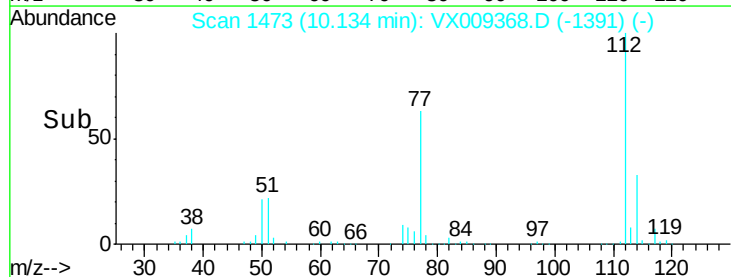
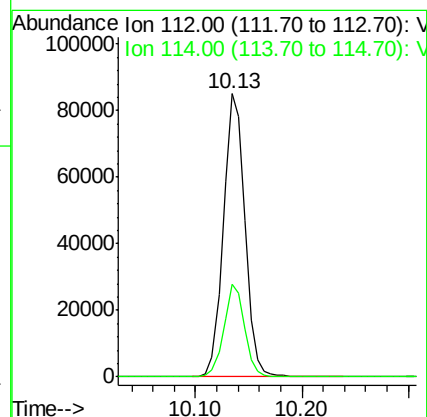
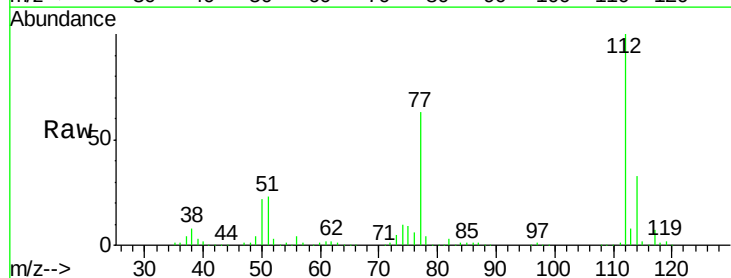
Instrument :
MSVOA_F
ClientSampleId :
BFB

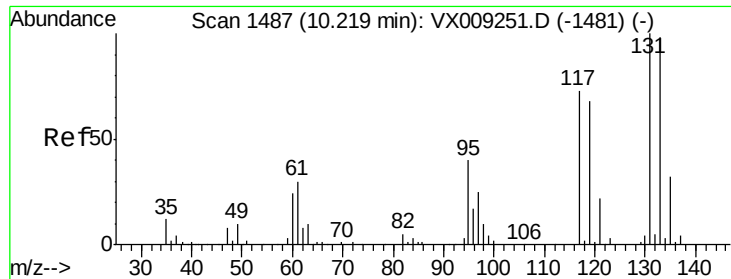
Tot Ion: 98 Resp: 262264
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#64
Chlorobenzene
Concen: 20.247 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 112 Resp: 119630
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.278 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

BFB

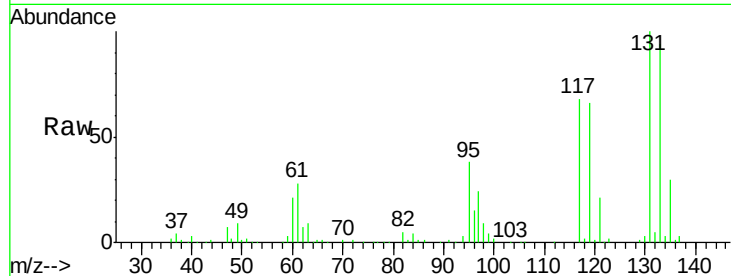
Tot Ion:131 Resp: 43869

Ion Ratio Lower Upper

131 100

133 94.8 0.0 191.2

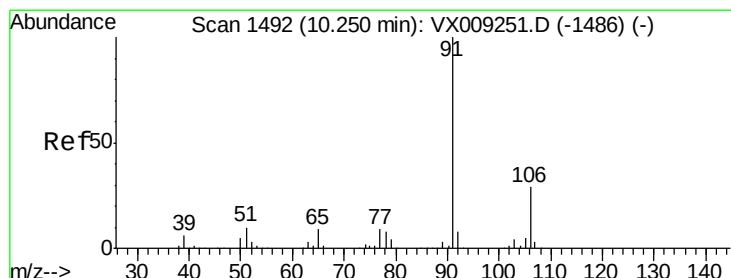
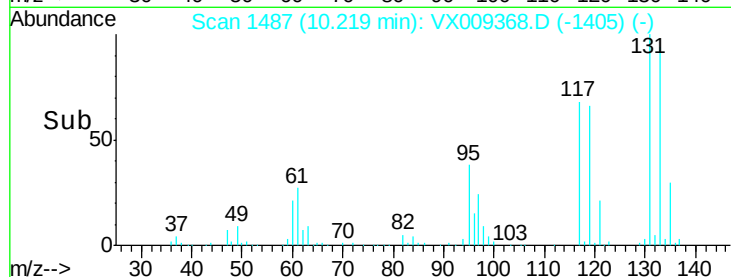
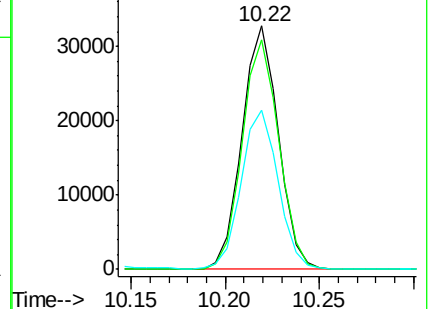
119 66.6 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.189 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009368.D

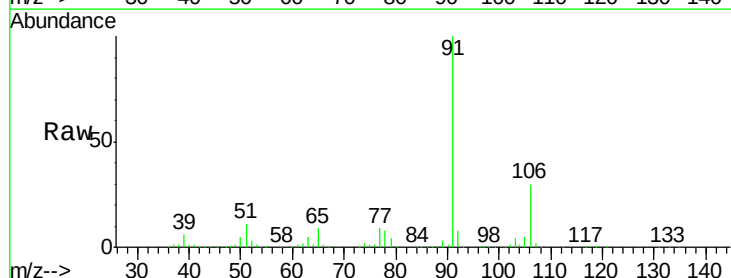
Acq: 07 May 2019 10:18

Tgt Ion: 91 Resp: 220799

Ion Ratio Lower Upper

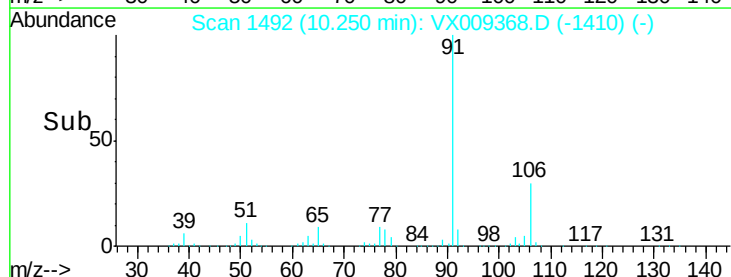
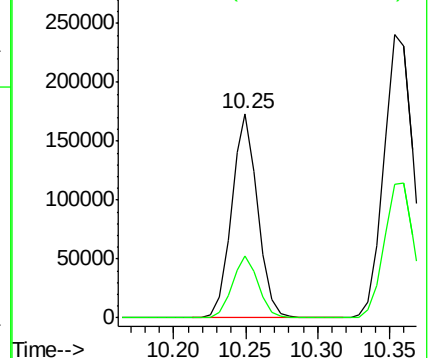
91 100

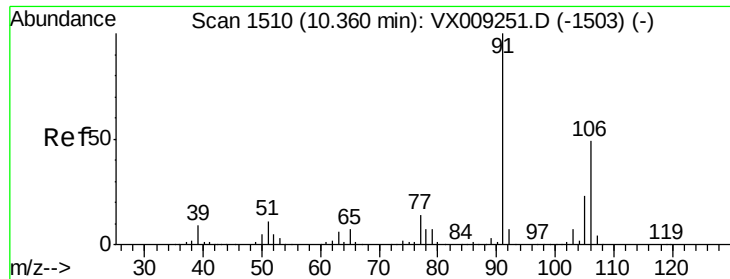
106 30.3 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

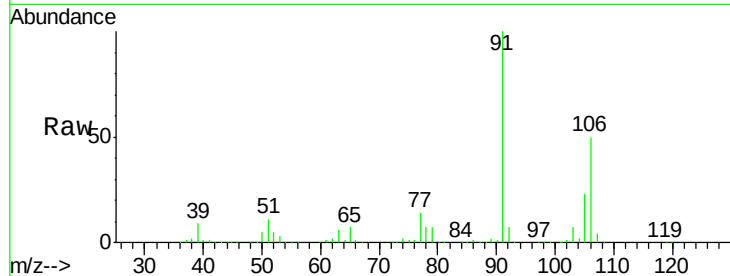




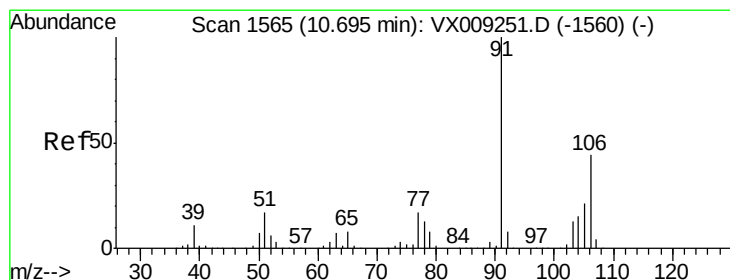
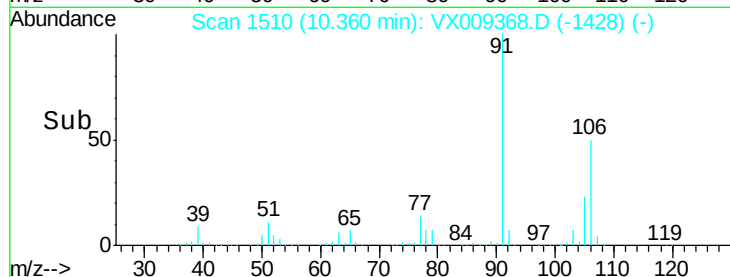
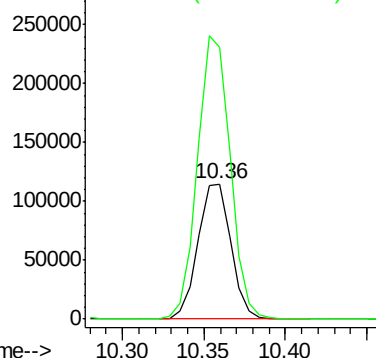
#67
m/p-Xylenes
Concen: 40.345 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tot Ion:106 Resp: 161101
Ion Ratio Lower Upper
106 100
91 209.0 166.8 250.2

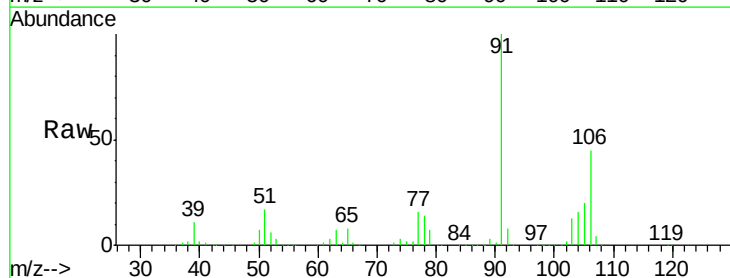


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

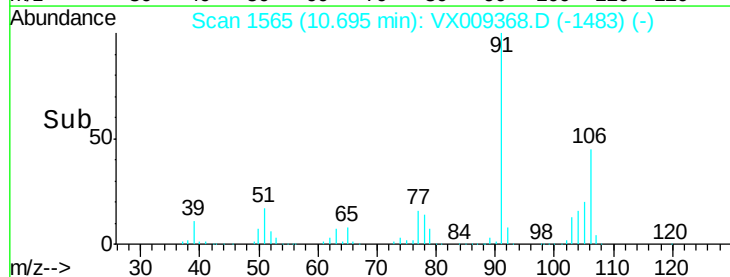
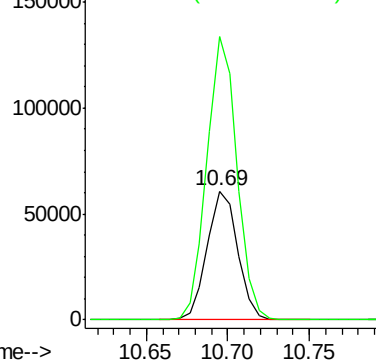


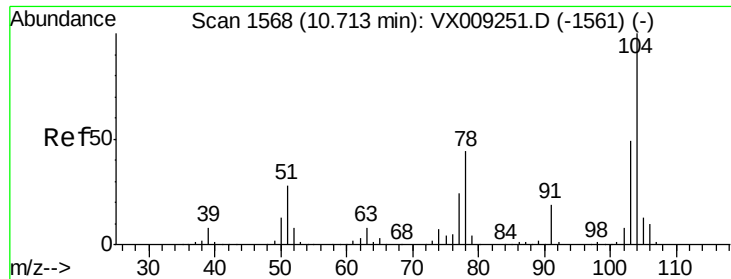
#68
o-Xylene
Concen: 20.319 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion:106 Resp: 79780
Ion Ratio Lower Upper
106 100
91 215.1 110.8 332.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

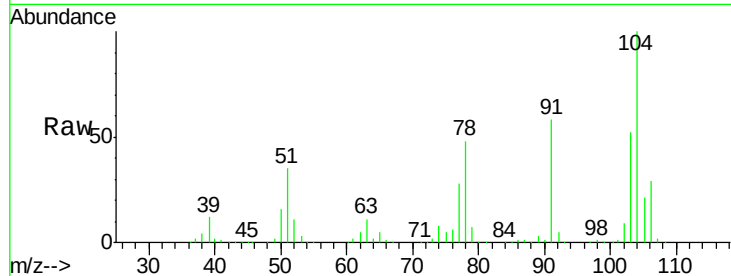




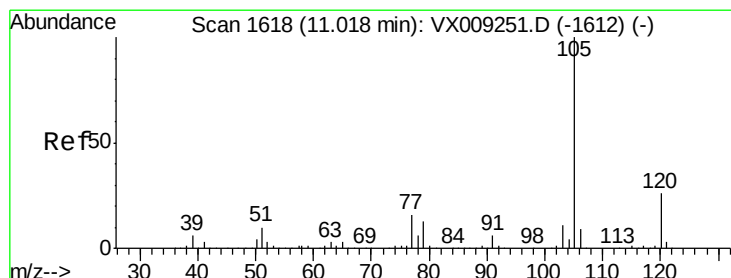
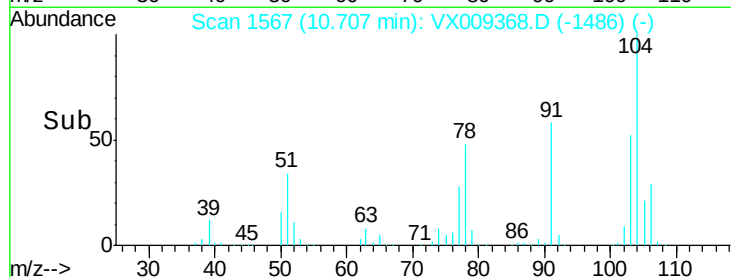
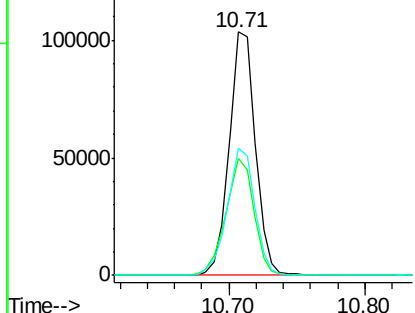
#69
Stvrene
Concen: 20.179 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Instrument :
MSVOA_F
ClientSampled :
BFB

Tot Ion:104 Resp: 139084
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 54.9 43.8 65.8

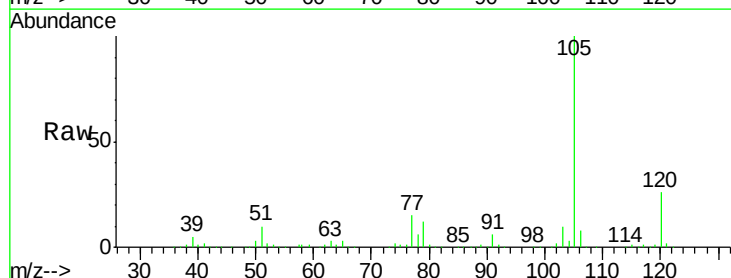


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

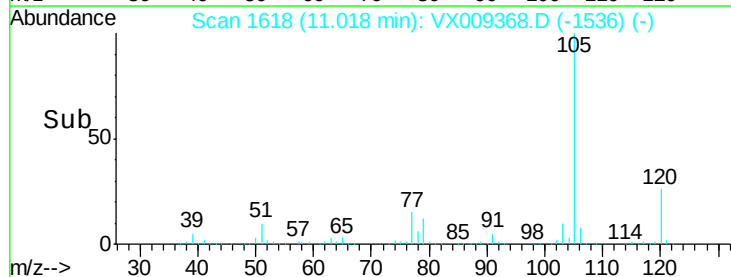
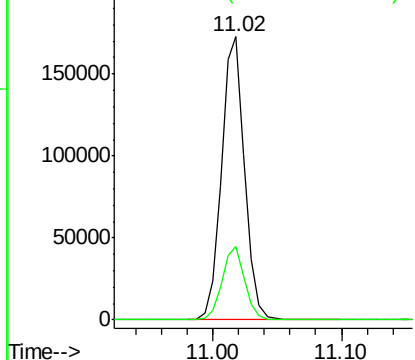


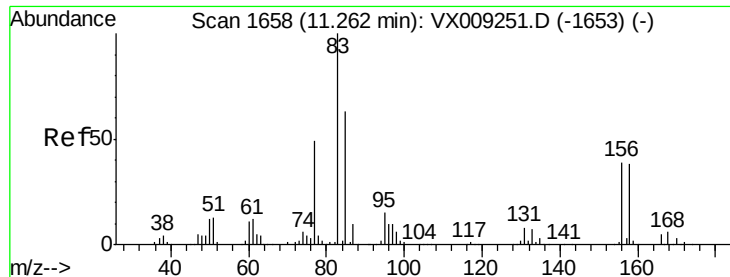
#70
Isopropylbenzene
Concen: 20.471 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion:105 Resp: 216163
Ion Ratio Lower Upper
105 100
120 25.5 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

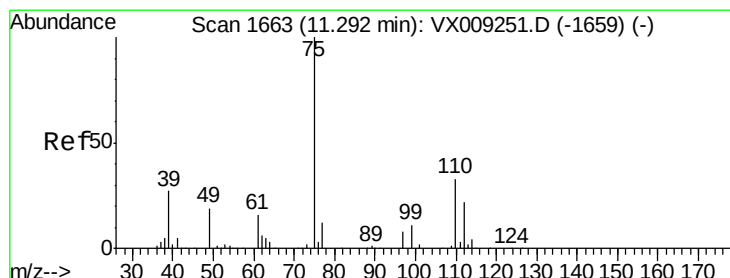
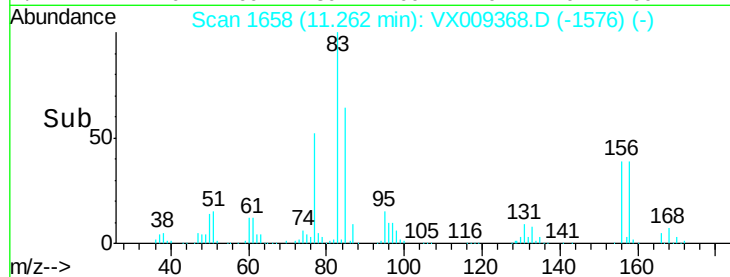
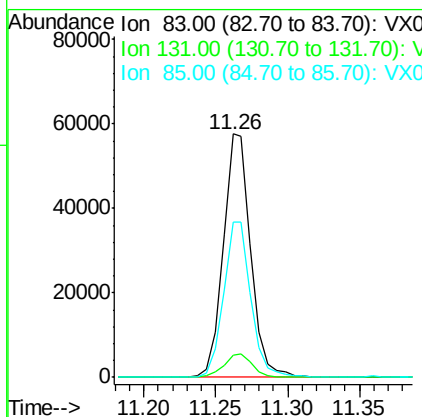
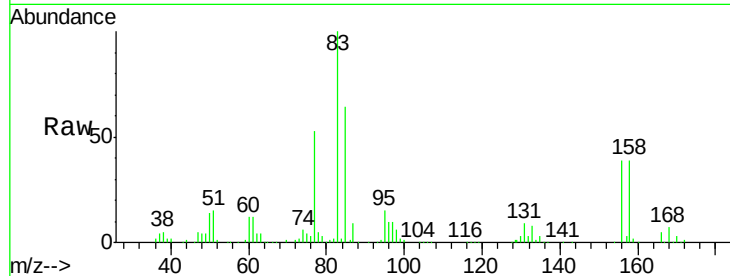




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.965 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

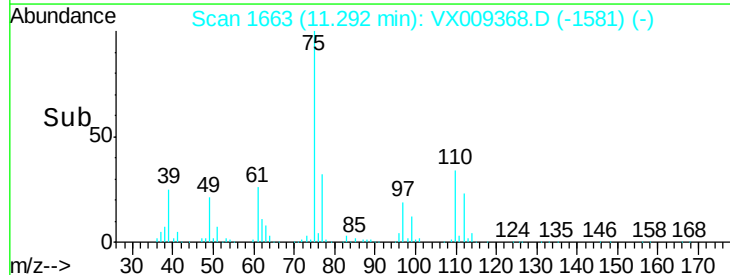
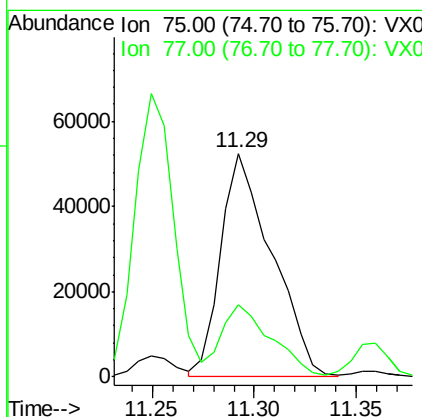
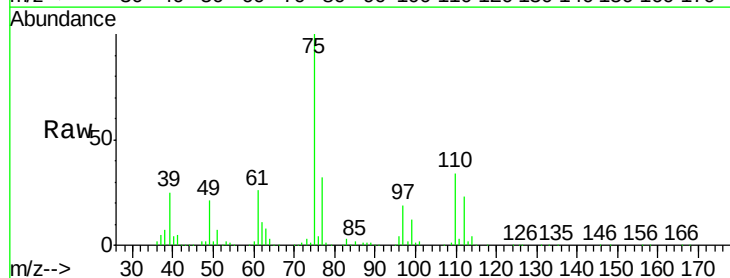
Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

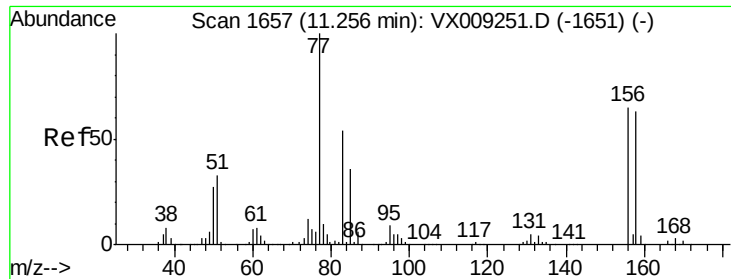
Tot Ion: 83 Resp: 77206
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 63.9 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 27.427 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion: 75 Resp: 91401
 Ion Ratio Lower Upper
 75 100
 77 31.7 0.0 86.4





#73

Bromobenzene

Concen: 20.241 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampled :

BFB

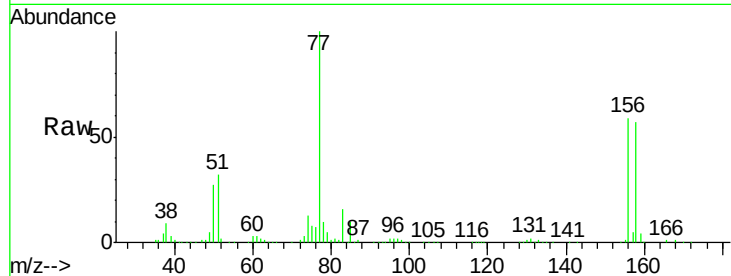
Tot Ion:156 Resp: 52807

Ion Ratio Lower Upper

156 100

77 167.5 0.0 335.6

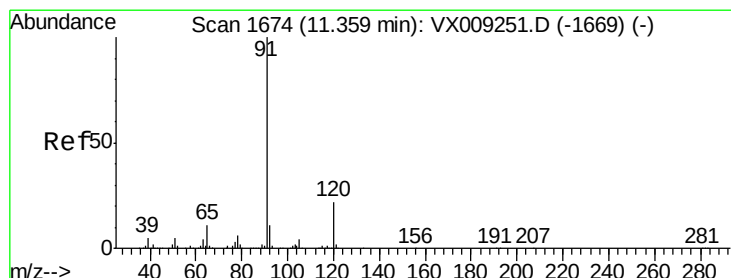
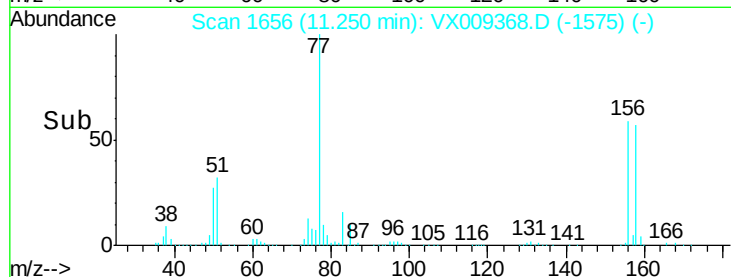
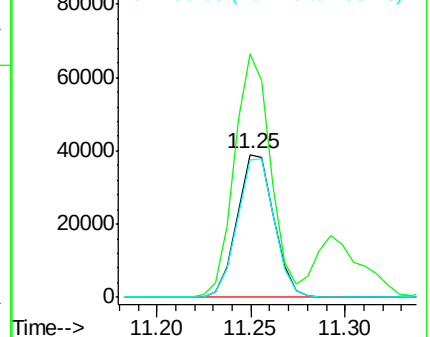
158 97.5 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.432 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009368.D

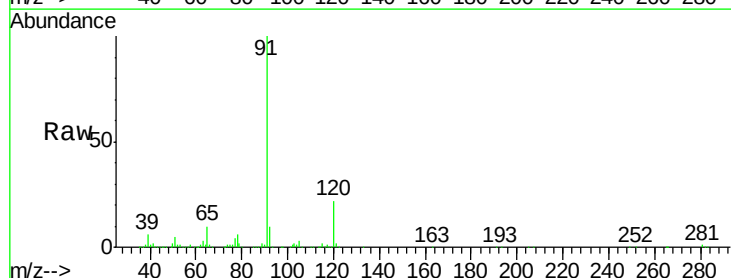
Acq: 07 May 2019 10:18

Tgt Ion: 91 Resp: 250017

Ion Ratio Lower Upper

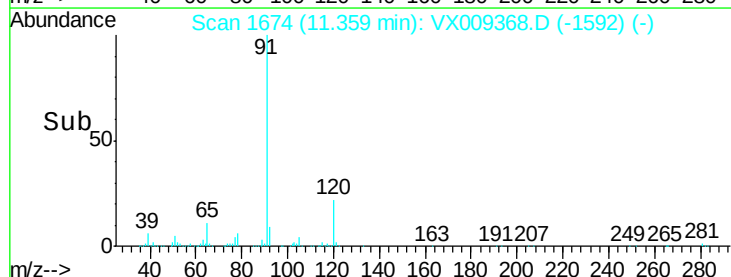
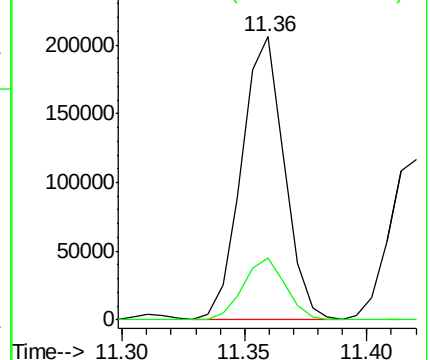
91 100

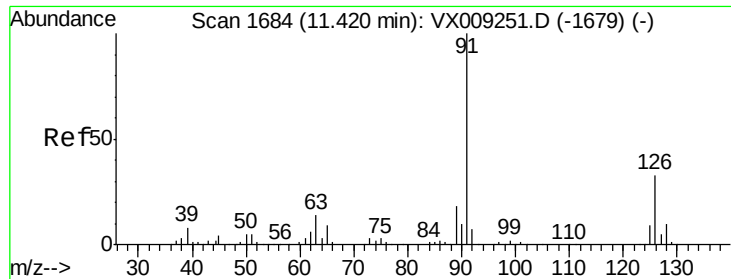
120 21.8 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.240 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

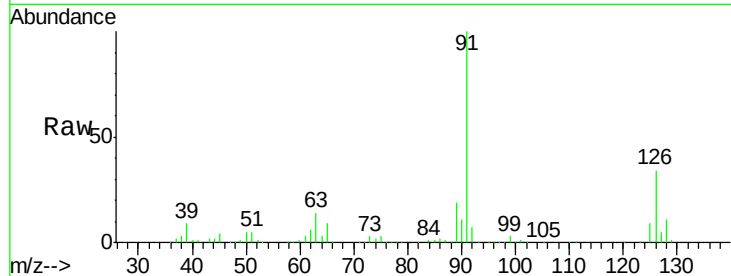
BFB

Tot Ion: 91 Resp: 148551

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)

200000

150000

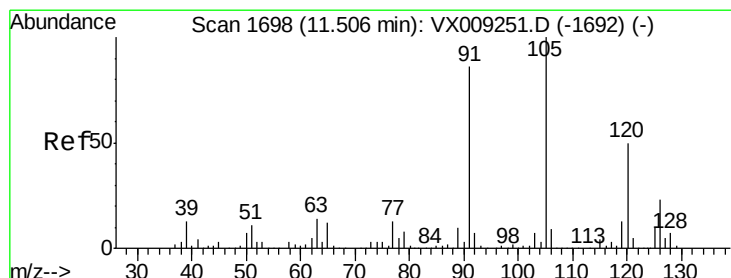
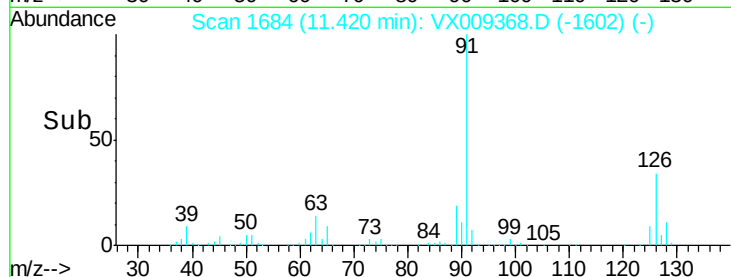
100000

50000

0

11.40 11.42 11.44

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.351 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009368.D

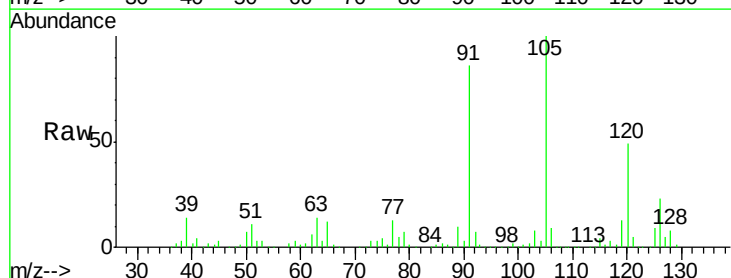
Acq: 07 May 2019 10:18

Tgt Ion: 105 Resp: 182033

Ion Ratio Lower Upper

105 100

120 48.5 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)

150000

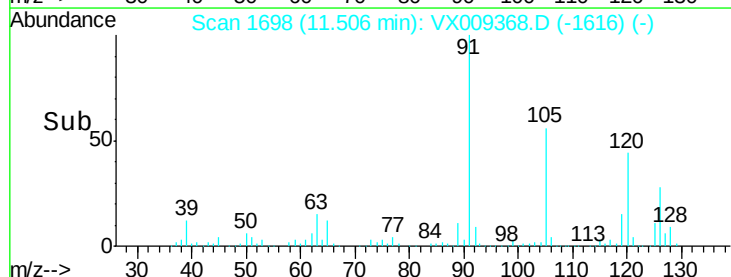
100000

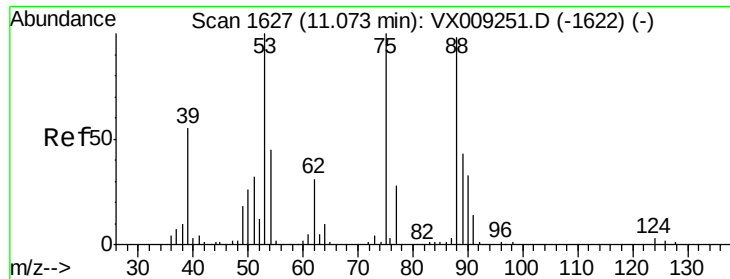
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.610 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

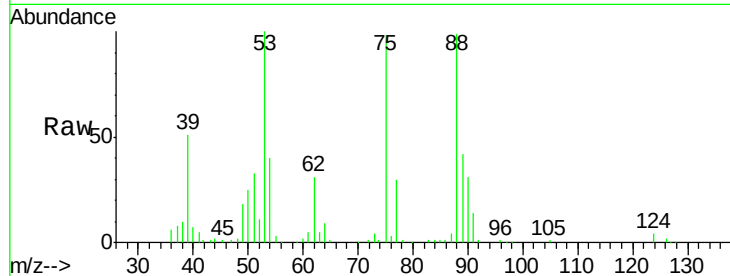
Tot Ion: 75 Resp: 25017

Ion Ratio Lower Upper

75 100

53 101.7 50.0 149.8

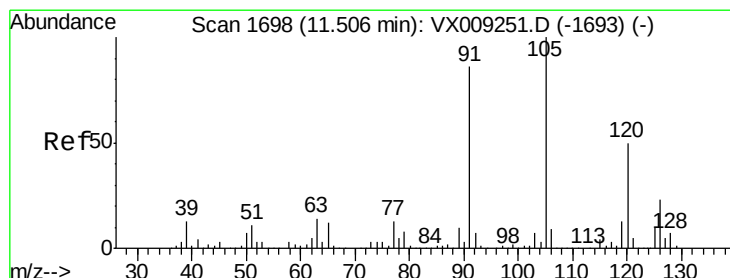
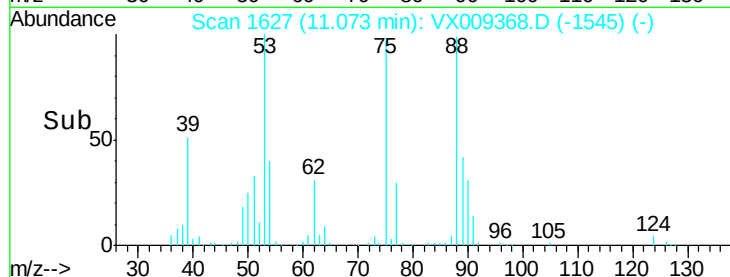
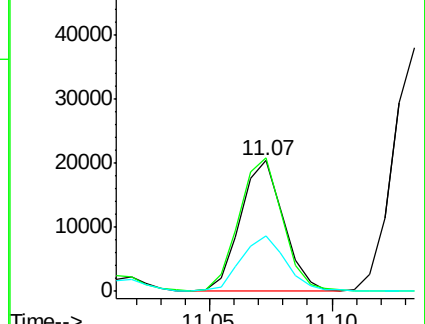
89 42.1 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.268 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009368.D

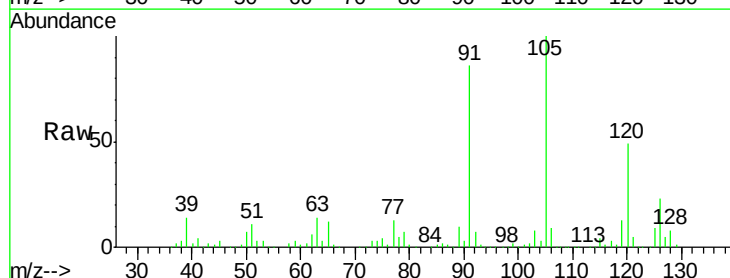
Acq: 07 May 2019 10:18

Tgt Ion: 91 Resp: 168949

Ion Ratio Lower Upper

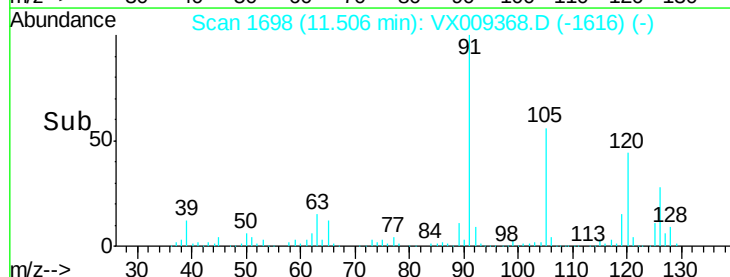
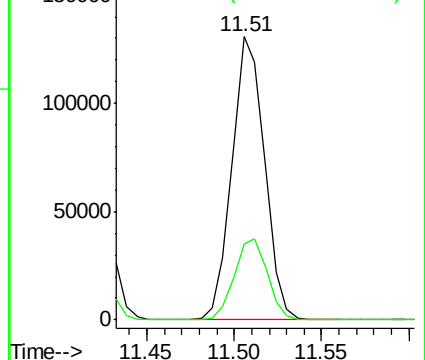
91 100

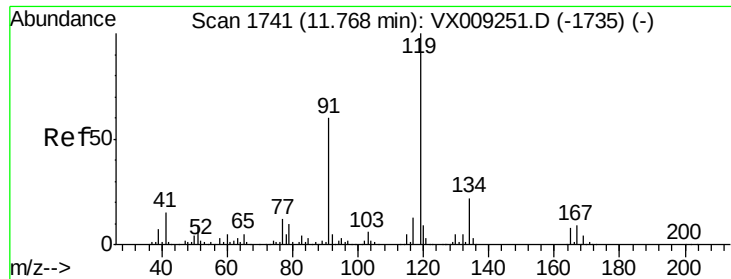
126 29.1 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

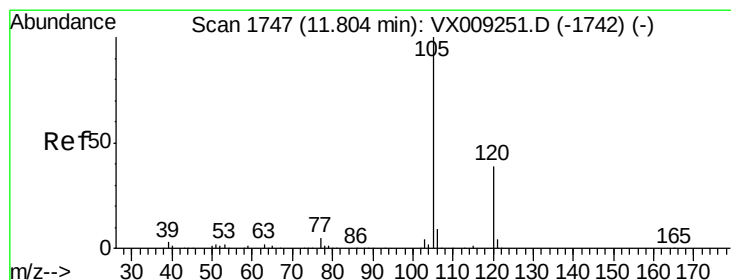
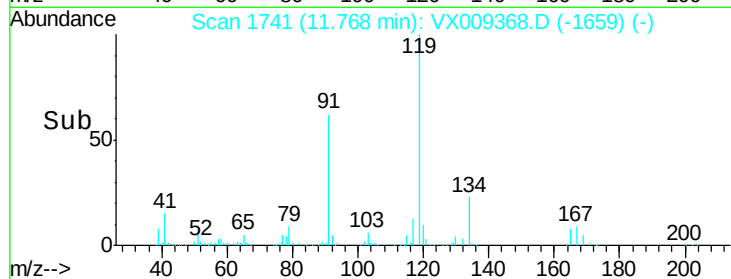
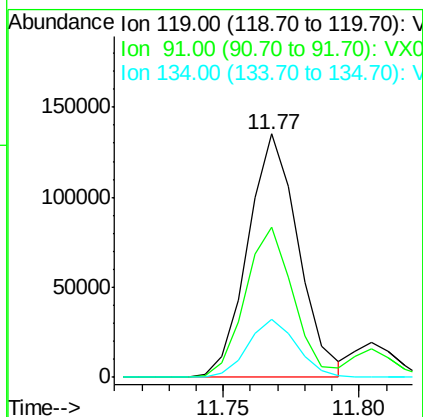
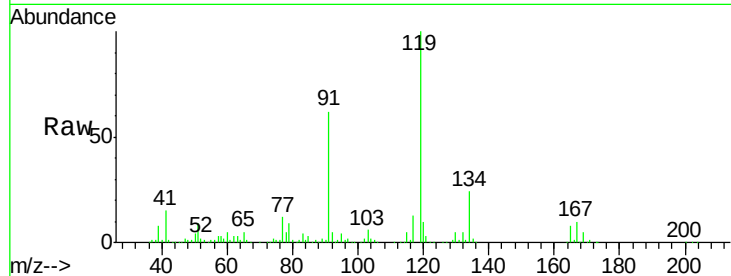




#79
 tert-butylbenzene
 Concen: 20.084 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

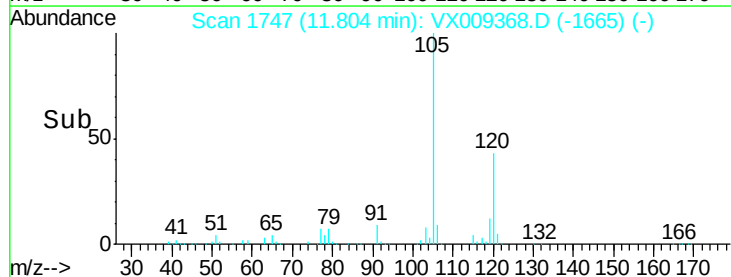
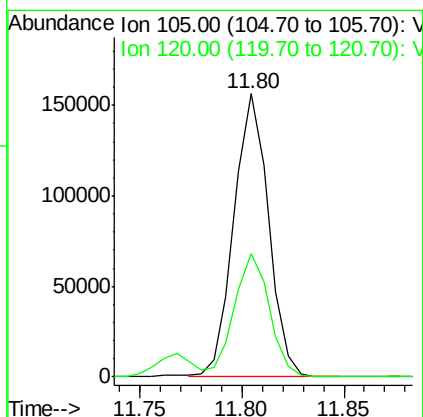
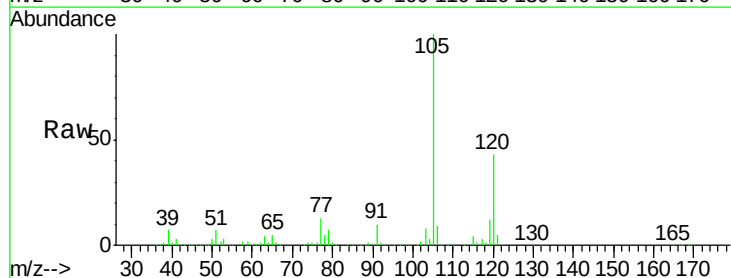
Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

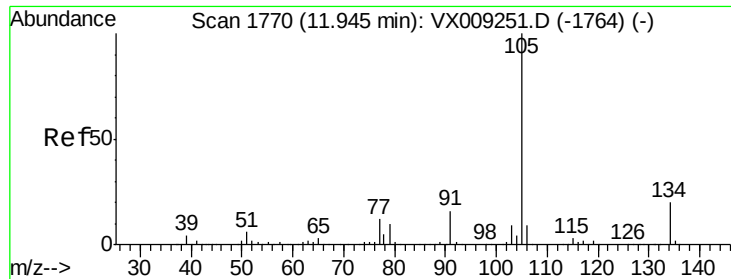
Tot Ion:119 Resp: 173660
 Ion Ratio Lower Upper
 119 100
 91 59.3 0.0 118.2
 134 23.0 0.0 45.0



#80
 1,2,4-Trimethylbenzene
 Concen: 20.449 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion:105 Resp: 183325
 Ion Ratio Lower Upper
 105 100
 120 44.2 0.0 89.6





#81

sec-Butylbenzene

Concen: 20.505 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

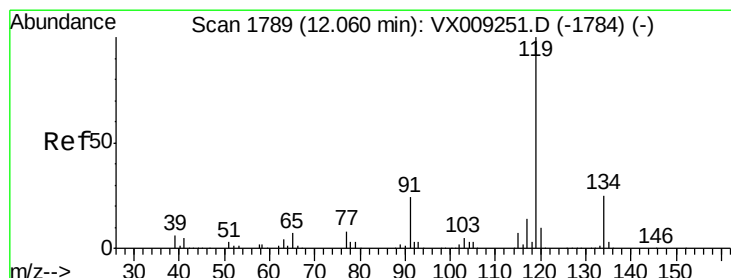
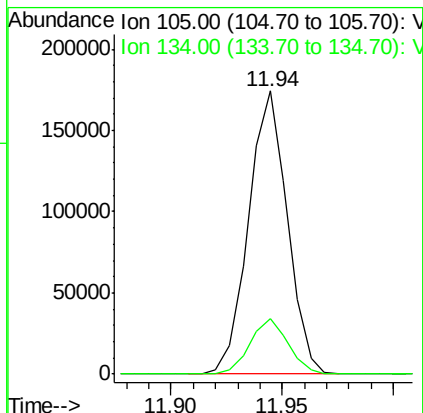
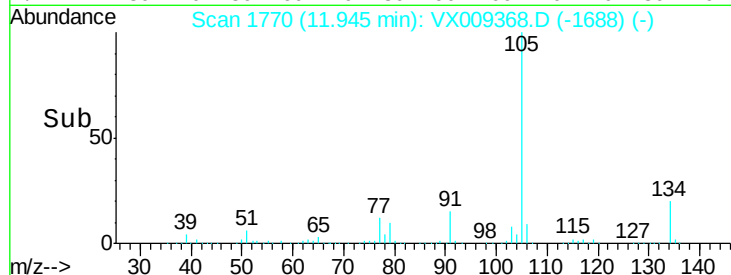
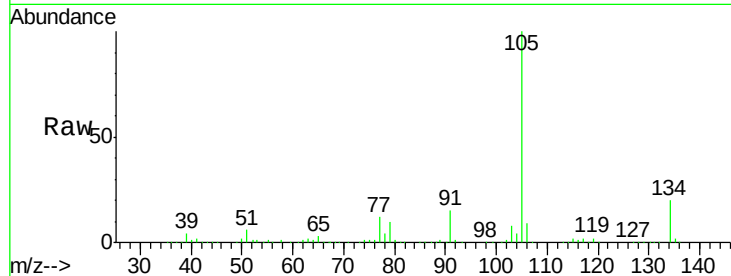
BFB

Tot Ion:105 Resp: 210653

Ion Ratio Lower Upper

105 100

134 19.6 0.0 38.6



#82

p-Isopropyltoluene

Concen: 20.505 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

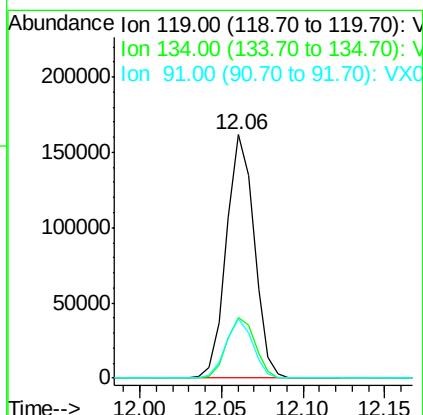
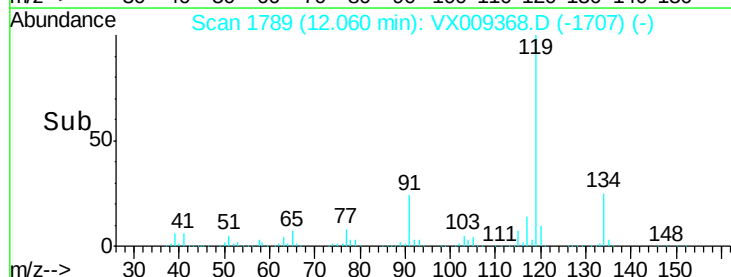
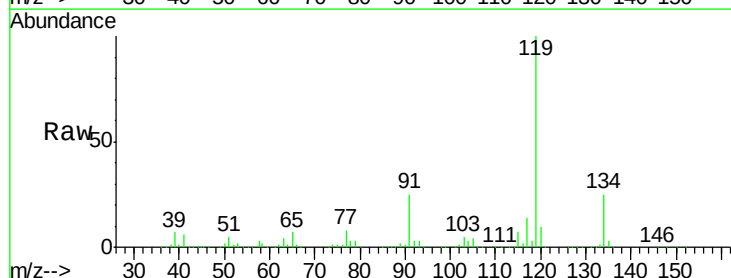
Tgt Ion:119 Resp: 191624

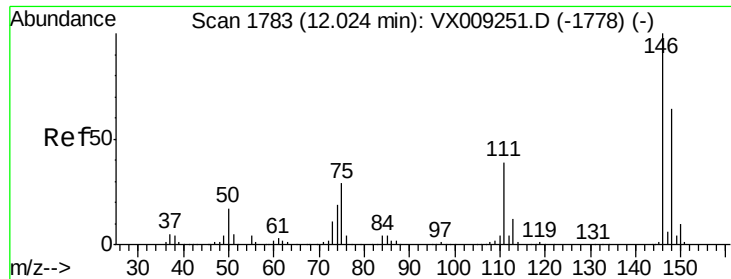
Ion Ratio Lower Upper

119 100

134 25.7 0.0 50.8

91 23.7 0.0 47.2

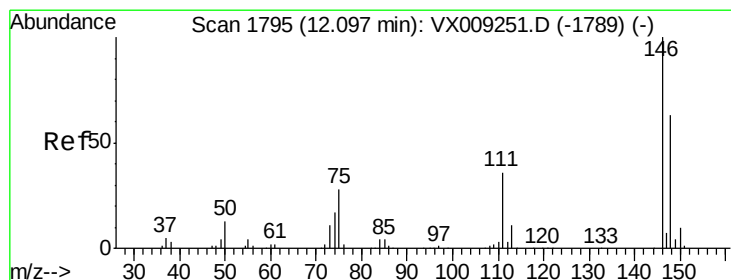
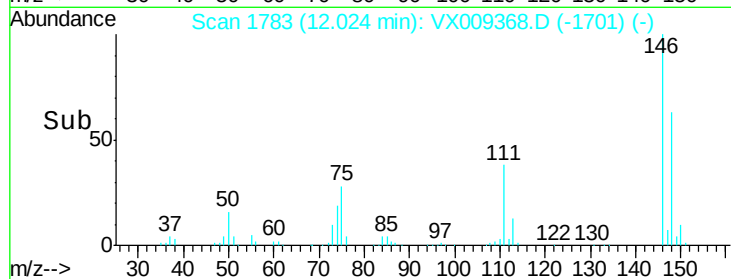
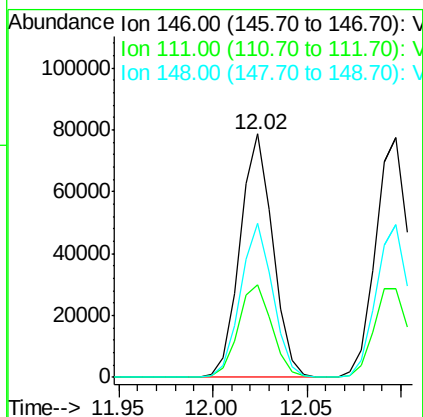
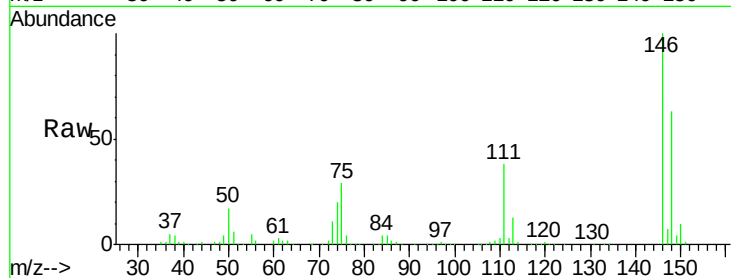




#83
 1,3-Dichlorobenzene
 Concen: 20.335 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

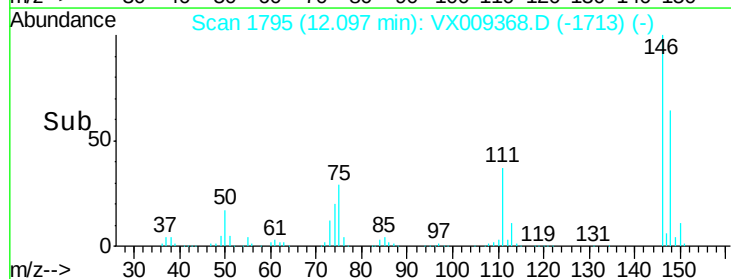
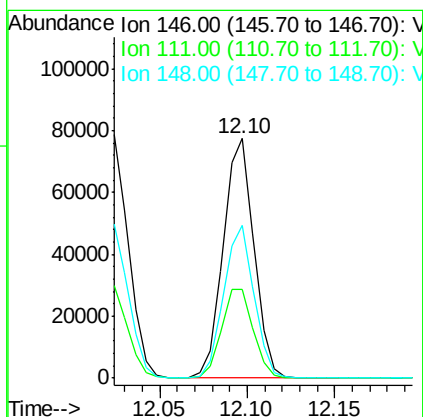
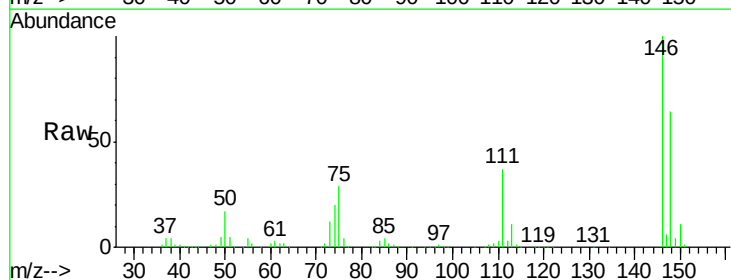
Instrument :
 MSVOA_F
 ClientSampled :
 BFB

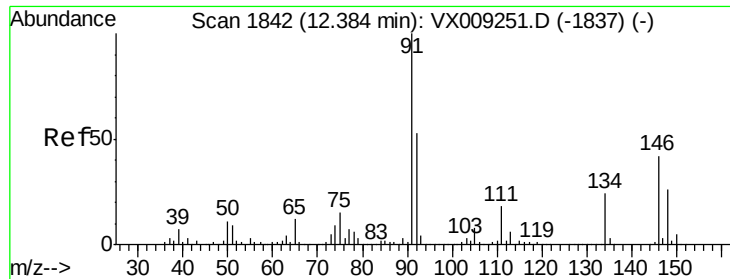
Tot Ion:146 Resp: 94746
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 62.4 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.419 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion:146 Resp: 94785
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.7
 148 62.8 32.3 96.8

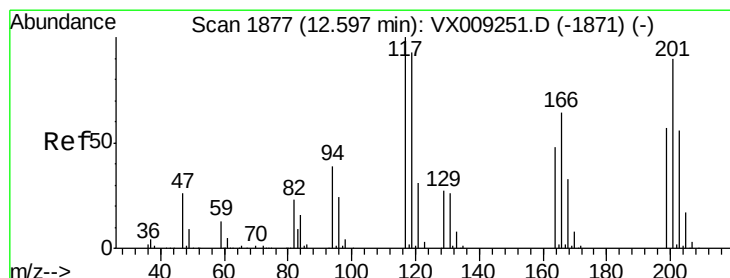
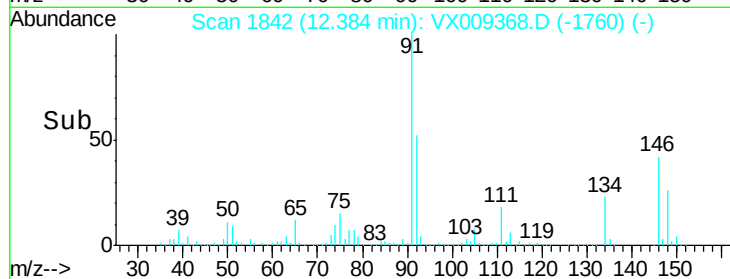
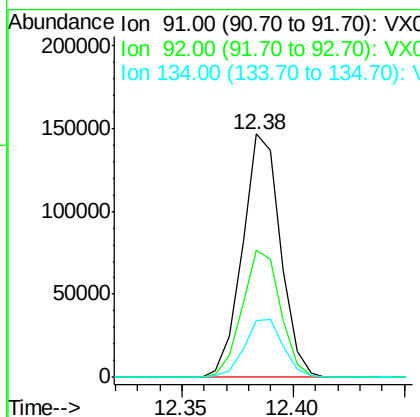
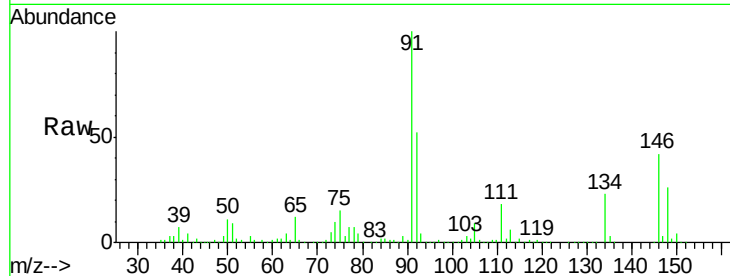




#85
n-Butylbenzene
Concen: 20.363 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

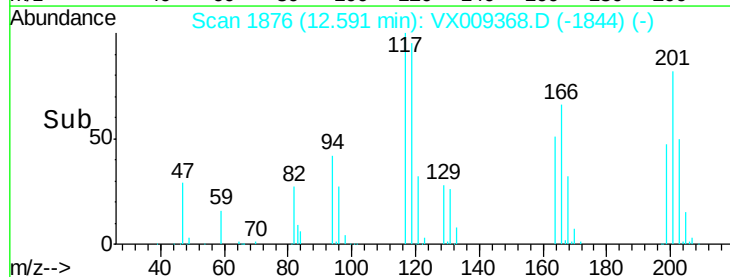
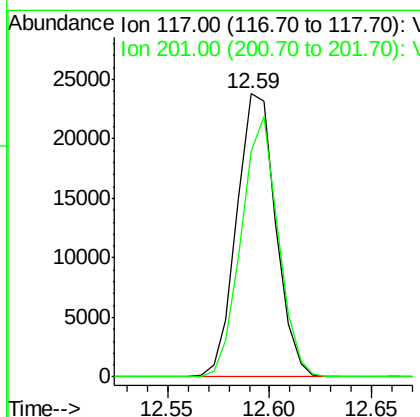
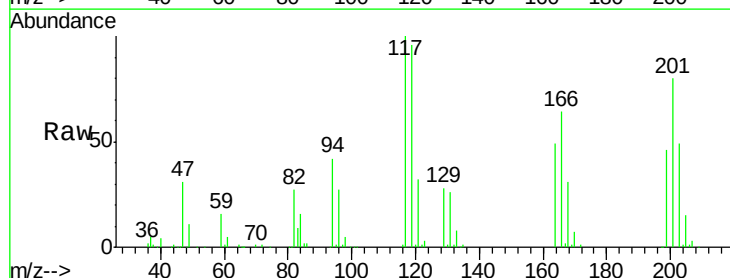
Instrument :
MSVOA_F
ClientSampled :
BFB

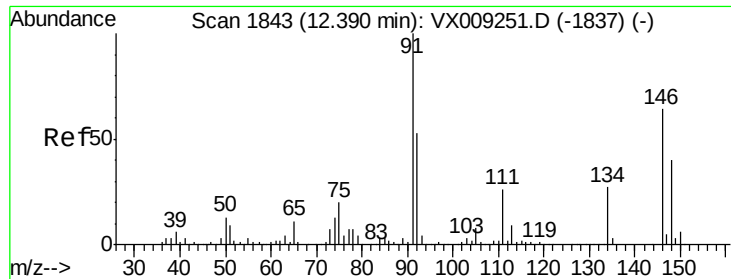
Tot Ion: 91 Resp: 174121
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.6
134 24.4 0.0 50.0



#86
Hexachloroethane
Concen: 19.917 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009368.D
Acq: 07 May 2019 10:18

Tgt Ion: 117 Resp: 31672
Ion Ratio Lower Upper
117 100
201 86.7 41.8 125.4

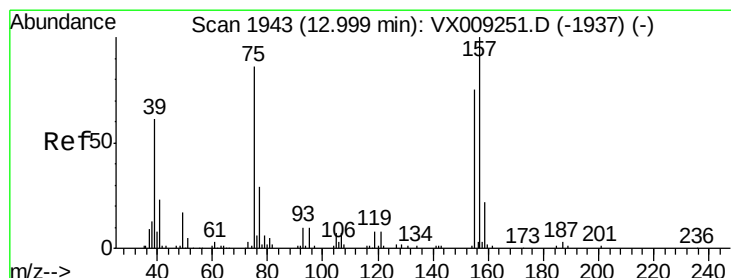
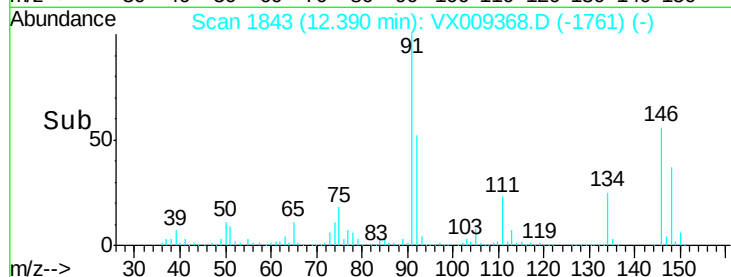
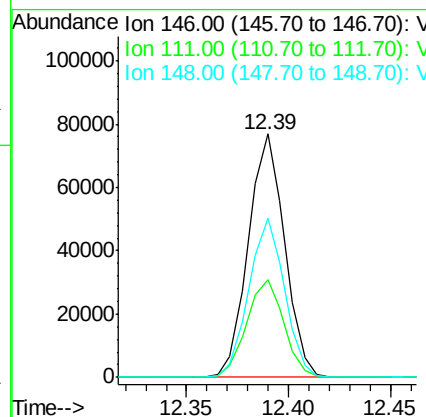
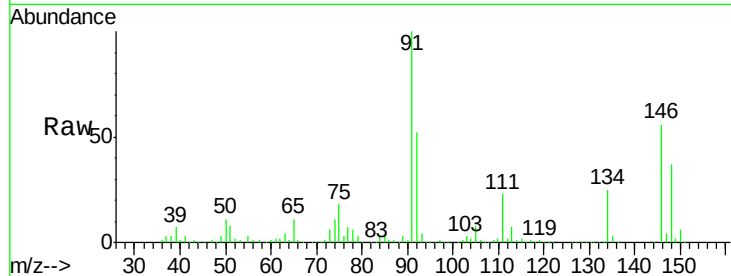




#87
 1,2-Dichlorobenzene
 Concen: 20.285 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

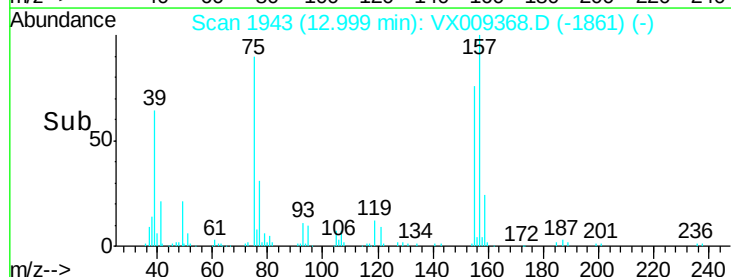
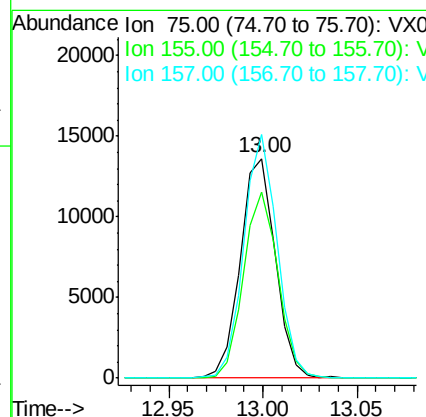
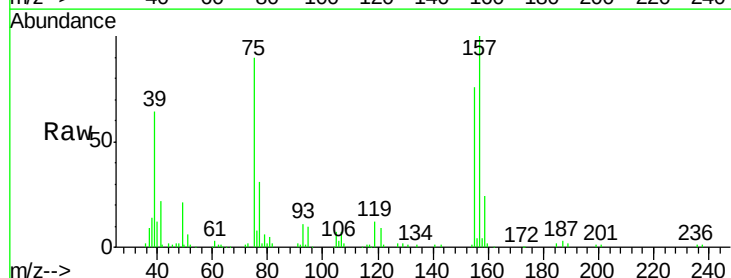
Instrument :
 MSVOA_F
 ClientSampled :
 BFB

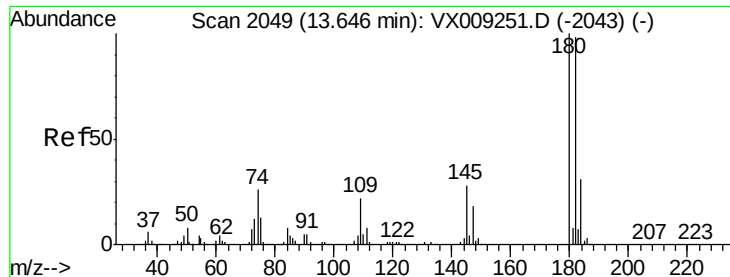
Tot Ion:146 Resp: 95137
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 64.6 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.638 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion: 75 Resp: 17648
 Ion Ratio Lower Upper
 75 100
 155 82.8 65.9 98.9
 157 104.9 85.2 127.8

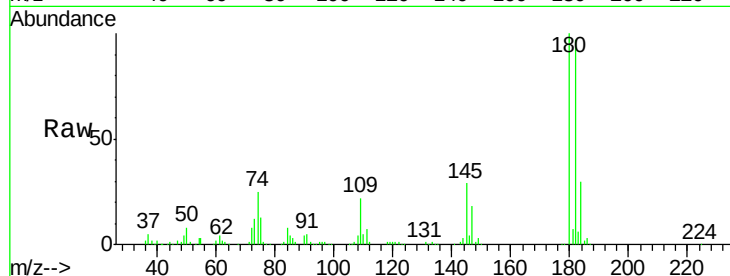




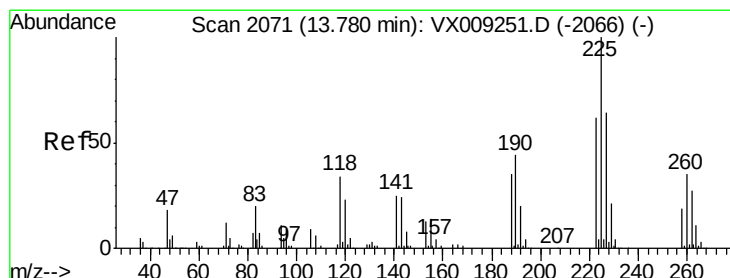
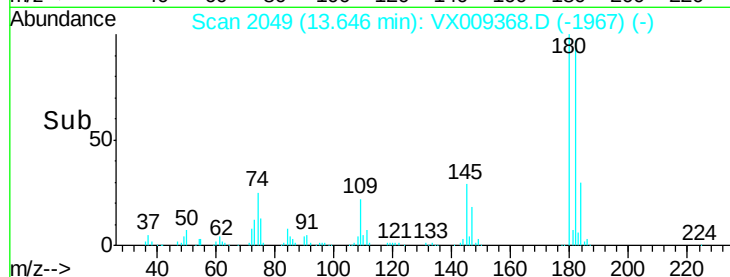
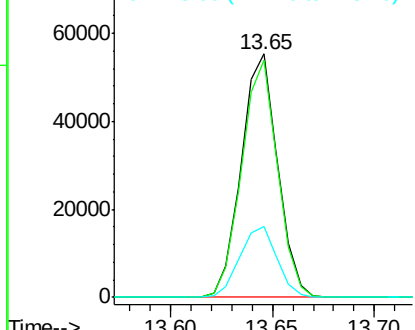
#89
 1,2,4-Trichlorobenzene
 Concen: 20.505 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 68545
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.9 115.3
 145 29.6 23.0 34.6

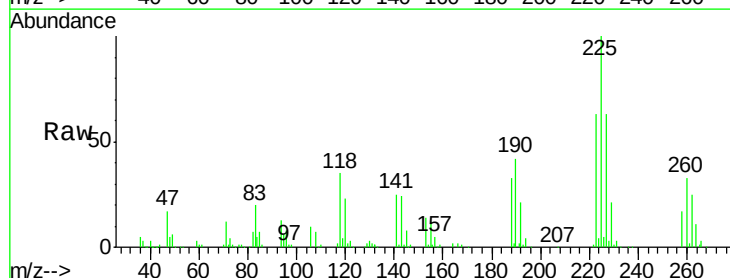


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

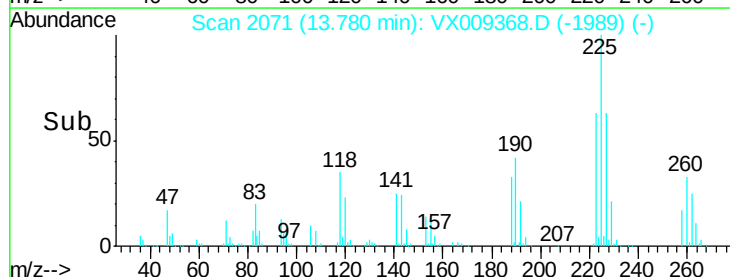
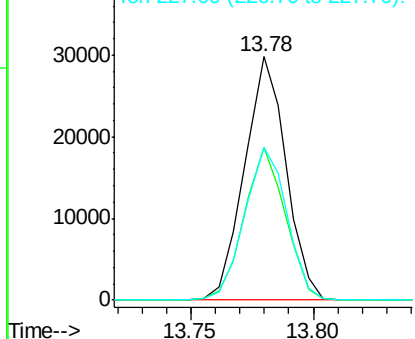


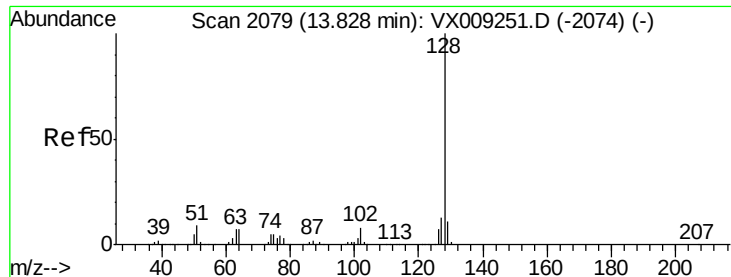
#90
 Hexachlorobutadiene
 Concen: 21.042 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009368.D
 Acq: 07 May 2019 10:18

Tgt Ion:225 Resp: 35136
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 126.6
 227 64.1 0.0 130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.751 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

Instrument :

MSVOA_F

ClientSampleId :

BFB

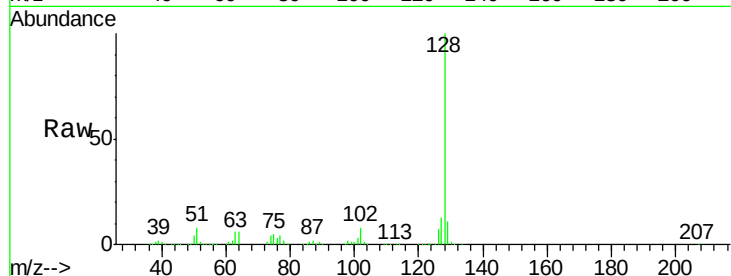
Tot Ion:128 Resp: 227124

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

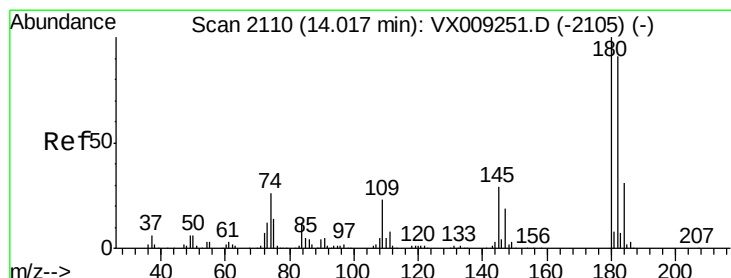
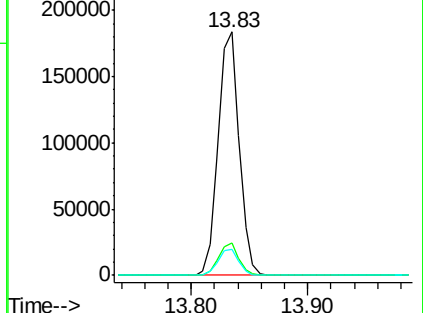
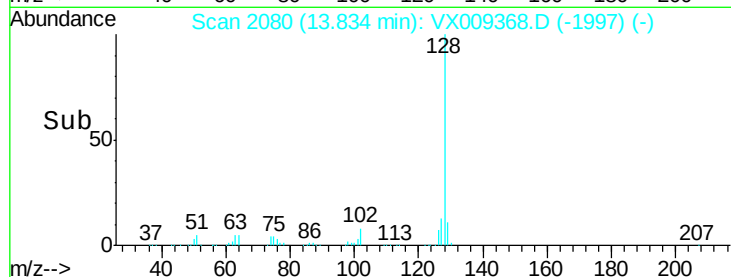
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.121 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009368.D

Acq: 07 May 2019 10:18

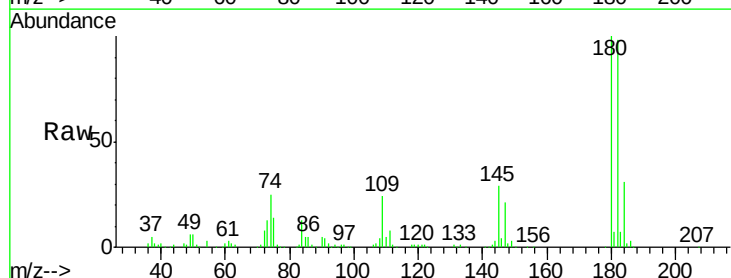
Tgt Ion:180 Resp: 71772

Ion Ratio Lower Upper

180 100

182 96.3 0.0 189.0

145 30.8 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

