

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011769.D
 Acq On : 22 Aug 2019 18:06
 Operator : JC/SP
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Quant Time: Aug 23 02:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	402173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	557124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	476369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	252206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	197507	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.49	113	177918	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	648379	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.13	95	226000	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	74531	19.857	ug/l 95
3) Chloromethane	1.32	50	65485	19.894	ug/l 99
4) Vinyl Chloride	1.40	62	63440	19.280	ug/l 97
5) Bromomethane	1.63	94	35549	19.611	ug/l 99
6) Chloroethane	1.71	64	36226	18.830	ug/l 99
7) Trichlorofluoromethane	1.92	101	101212	19.320	ug/l 99
8) Diethyl Ether	2.18	74	33526	18.820	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58389	18.011	ug/l 97
10) Methyl Iodide	2.50	142	75113	18.970	ug/l 99
11) Tert butyl alcohol	3.04	59	77366	96.909	ug/l 100
12) 1,1-Dichloroethene	2.37	96	59330	18.769	ug/l 99
13) Acrolein	2.29	56	26344	85.366	ug/l 91
14) Allyl chloride	2.72	41	91649	18.550	ug/l 96
15) Acrylonitrile	3.14	53	178898	97.972	ug/l 99
16) Acetone	2.43	43	149132	84.857	ug/l 98
17) Carbon Disulfide	2.56	76	143772	17.989	ug/l 100
18) Methyl Acetate	2.76	43	97702	20.488	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	197998	19.527	ug/l 97
20) Methylene Chloride	2.85	84	66741	18.575	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	64561	18.936	ug/l 94
22) Diisopropyl ether	3.85	45	191966	20.037	ug/l 96
23) Vinyl Acetate	3.81	43	784360	98.882	ug/l 98
24) 1,1-Dichloroethane	3.69	63	109536	19.364	ug/l 99
25) 2-Butanone	4.66	43	245970	97.507	ug/l 100
26) 2,2-Dichloropropane	4.57	77	78116	16.262	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	73068	18.688	ug/l 97
28) Bromochloromethane	5.01	49	45873	17.865	ug/l 94
29) Tetrahydrofuran	5.12	42	160405	99.197	ug/l 99
30) Chloroform	5.21	83	118476	19.305	ug/l 99
31) Cyclohexane	5.57	56	97040	19.534	ug/l 92
32) 1,1,1-Trichloroethane	5.49	97	104804	19.646	ug/l 99
36) 1,1-Dichloropropene	5.79	75	84336	19.304	ug/l 97
37) Ethyl Acetate	4.82	43	91740	19.843	ug/l 99
38) Carbon Tetrachloride	5.78	117	90272	18.232	ug/l 98

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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0822WBSD01

Quant Time: Aug 23 02:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100748	18.609	ug/l	99
40) Benzene	6.13	78	255632	18.915	ug/l	99
41) Methacrylonitrile	5.04	41	51640	19.205	ug/l	98
42) 1,2-Dichloroethane	6.18	62	90853	18.390	ug/l	100
43) Isopropyl Acetate	6.44	43	140622	18.792	ug/l	99
44) Trichloroethene	7.21	130	78022	18.728	ug/l	98
45) 1,2-Dichloropropane	7.51	63	64149	18.884	ug/l	97
46) Dibromomethane	7.66	93	44908	17.931	ug/l	96
47) Bromodichloromethane	7.90	83	83816	18.591	ug/l	99
48) Methyl methacrylate	7.77	41	72122	19.367	ug/l	99
49) 1,4-Dioxane	7.73	88	37177	360.308	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	473759	96.083	ug/l	99
52) Toluene	8.78	92	164885	18.853	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87529	18.494	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	95499	18.496	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	70348	19.307	ug/l	98
56) Ethyl methacrylate	9.18	69	101659	19.618	ug/l	100
57) 1,3-Dichloropropane	9.37	76	110026	18.701	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	259096	95.050	ug/l	99
59) 2-Hexanone	9.49	43	364448	96.301	ug/l	100
60) Dibromochloromethane	9.58	129	71320	18.104	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75096	19.208	ug/l	100
64) Tetrachloroethene	9.34	164	76832	20.217	ug/l	95
65) Chlorobenzene	10.13	112	177976	19.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	67135	19.266	ug/l	100
67) Ethyl Benzene	10.25	91	300940	19.363	ug/l	98
68) m/p-Xylenes	10.35	106	233558	38.974	ug/l	99
69) o-Xylene	10.69	106	113485	19.288	ug/l	99
70) Styrene	10.71	104	187753	19.075	ug/l	99
71) Bromoform	10.85	173	52535	17.477	ug/l #	98
73) Isopropylbenzene	11.02	105	307558	20.236	ug/l	99
74) N-amyl acetate	10.90	43	116259	19.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	101332	20.142	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	108018	24.408	ug/l	85
77) Bromobenzene	11.25	156	87341	19.493	ug/l	99
78) n-propylbenzene	11.36	91	330344	20.327	ug/l	99
79) 2-Chlorotoluene	11.42	91	203044	20.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	264144	20.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24874	16.951	ug/l	89
82) 4-Chlorotoluene	11.51	91	235809	20.233	ug/l	99
83) tert-Butylbenzene	11.77	119	255516	20.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	265493	20.732	ug/l	96
85) sec-Butylbenzene	11.94	105	296232	20.698	ug/l	100
86) p-Isopropyltoluene	12.06	119	276711	20.095	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149719	19.404	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150325	19.256	ug/l	99
89) n-Butylbenzene	12.38	91	223141	19.575	ug/l	99
90) Hexachloroethane	12.59	117	41376	19.341	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	150128	19.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22906	19.588	ug/l	95

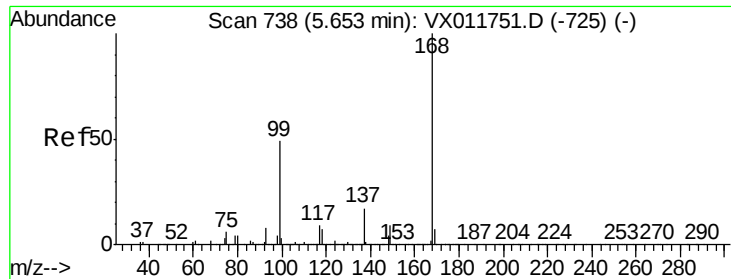
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
Data File : VX011769.D
Acq On : 22 Aug 2019 18:06
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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105551	18.438	ug/l	99
94) Hexachlorobutadiene	13.78	225	58165	18.542	ug/l	99
95) Naphthalene	13.83	128	315913	20.037	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108192	18.823	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

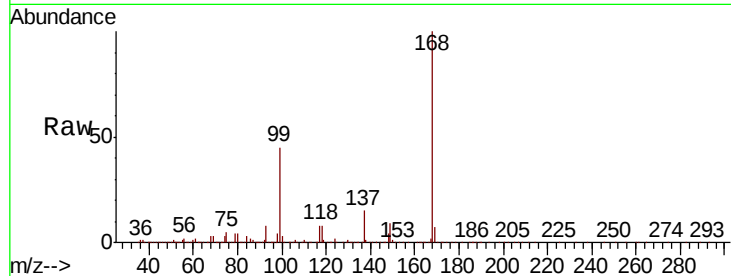
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 168 Resp: 402173

Ion Ratio Lower Upper

168 100

99 45.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

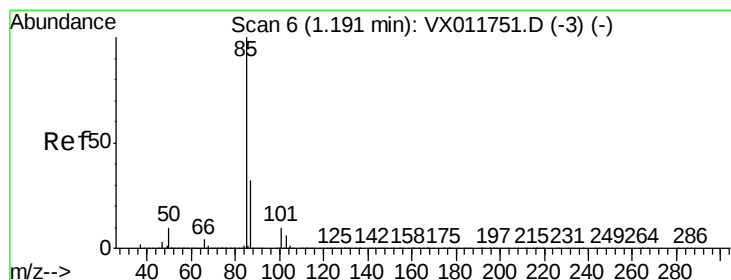
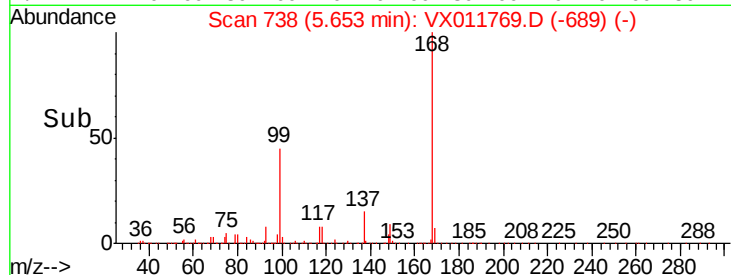
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.857 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011769.D

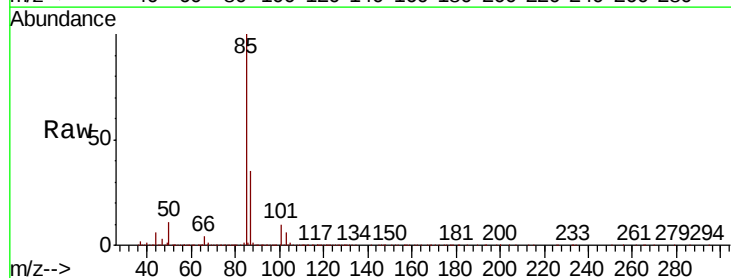
Acq: 22 Aug 2019 18:06

Tgt Ion: 85 Resp: 74531

Ion Ratio Lower Upper

85 100

87 35.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

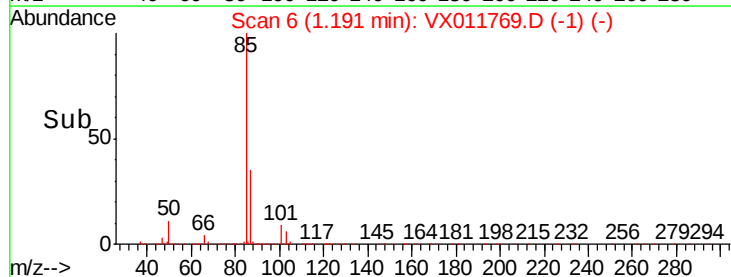
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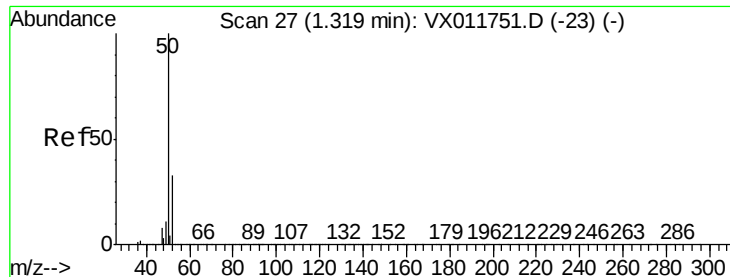
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Time-->

1.15 1.20 1.25

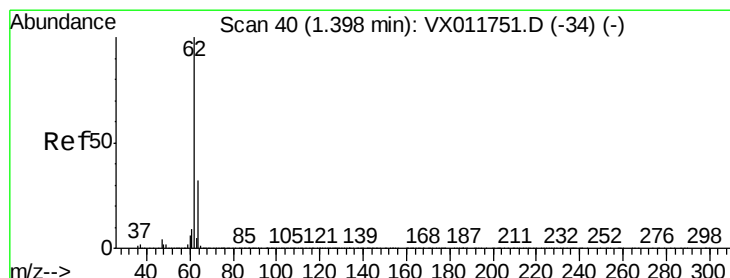
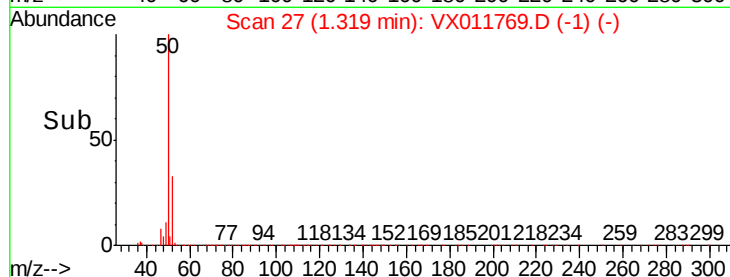
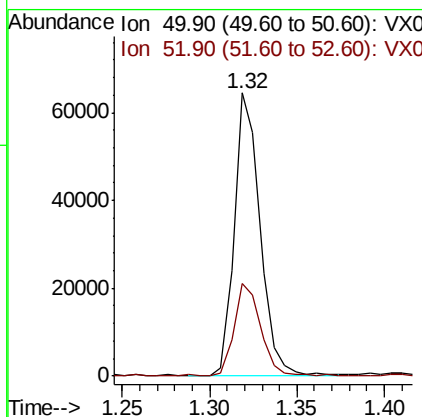
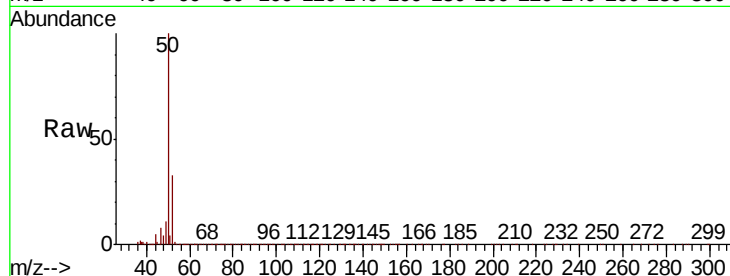




#3
Chloromethane
Concen: 19.894 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

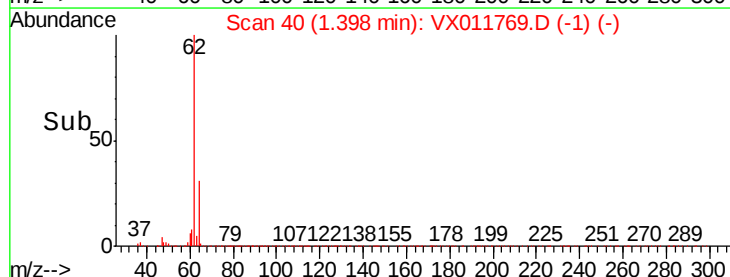
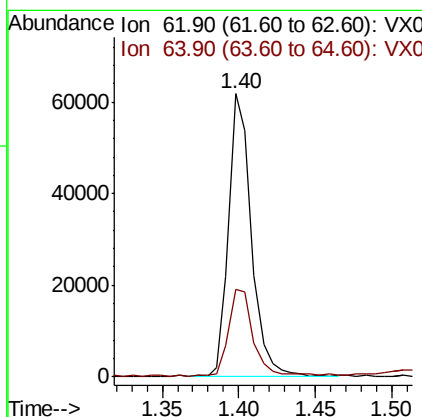
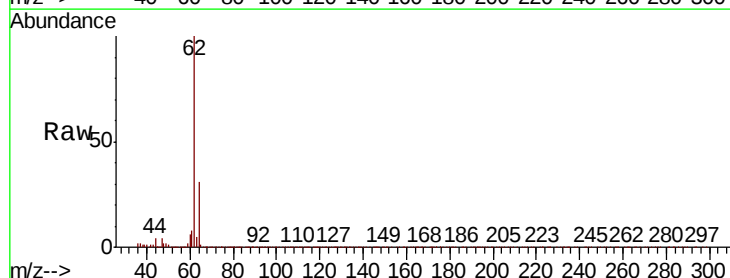
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

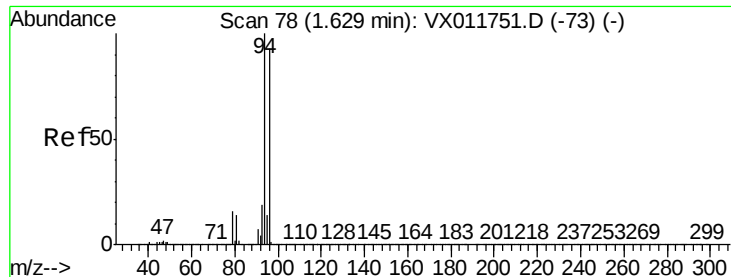
Tgt Ion: 50 Resp: 65485
Ion Ratio Lower Upper
50 100
52 32.7 26.6 39.8



#4
Vinyl Chloride
Concen: 19.280 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 62 Resp: 63440
Ion Ratio Lower Upper
62 100
64 30.5 25.5 38.3





#5

Bromomethane

Concen: 19.611 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

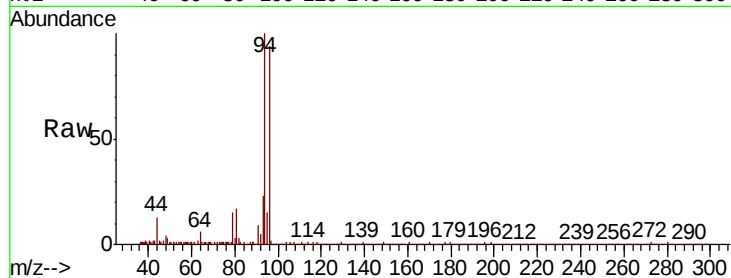
VX0822WBSD01

Tgt Ion: 94 Resp: 35549

Ion Ratio Lower Upper

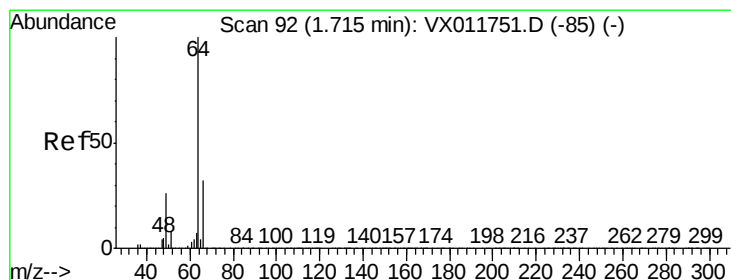
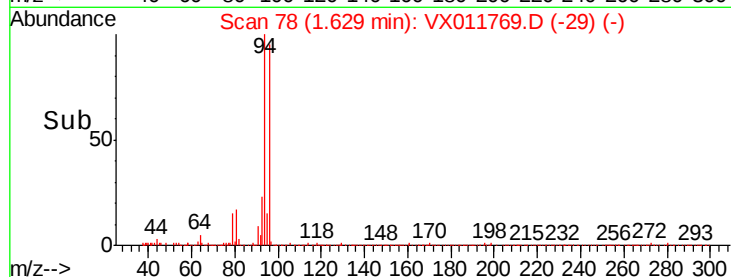
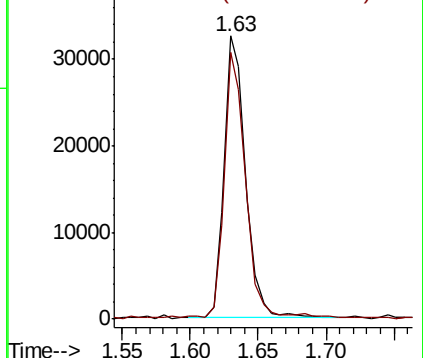
94 100

96 94.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.830 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011769.D

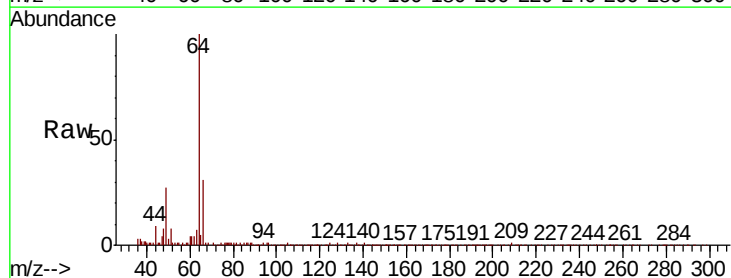
Acq: 22 Aug 2019 18:06

Tgt Ion: 64 Resp: 36226

Ion Ratio Lower Upper

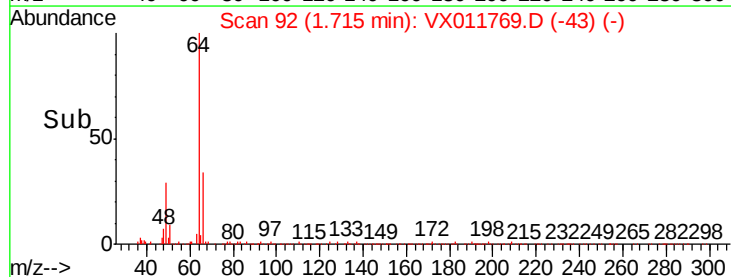
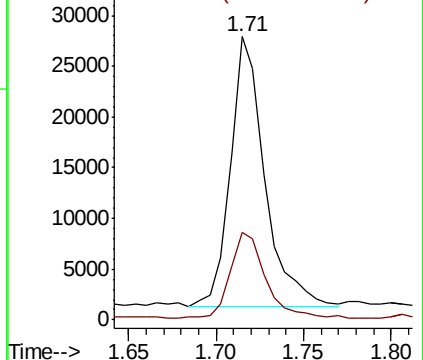
64 100

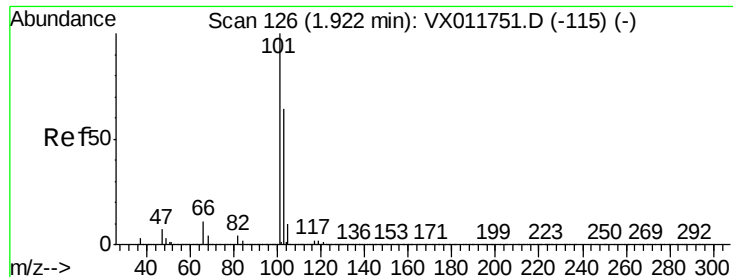
66 31.6 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



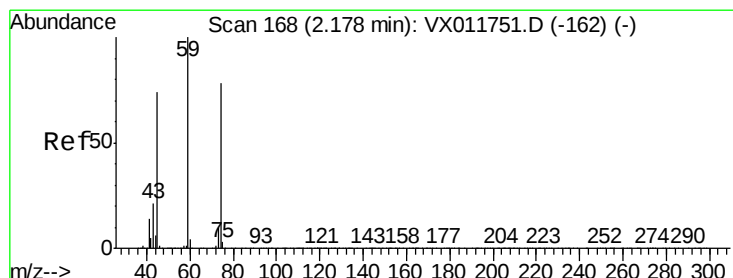
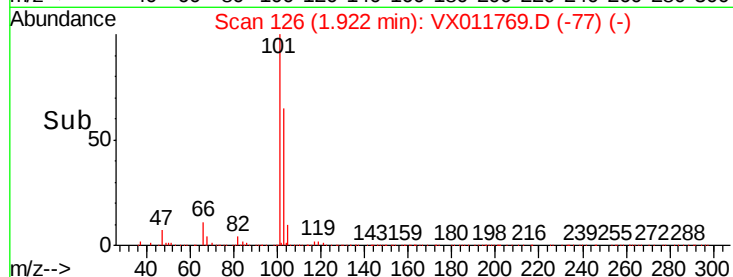
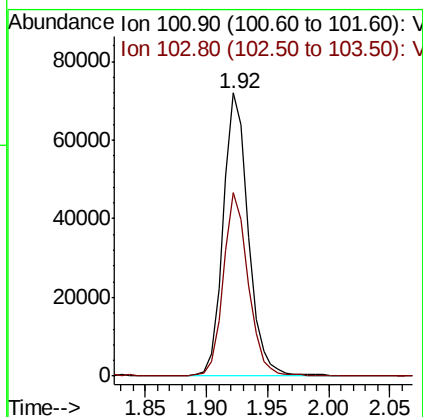
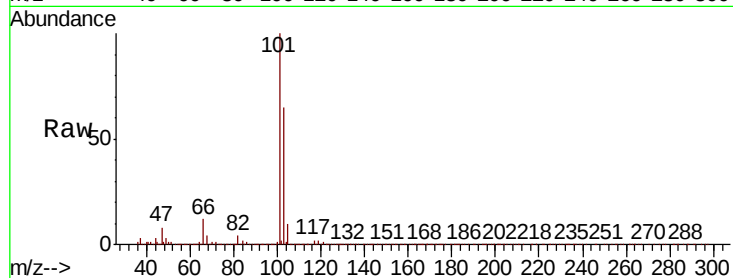


#7

Trichlorofluoromethane
Concen: 19.320 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Instrument :
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ClientSampleId :
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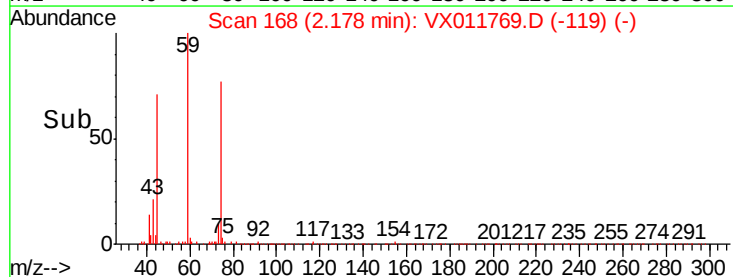
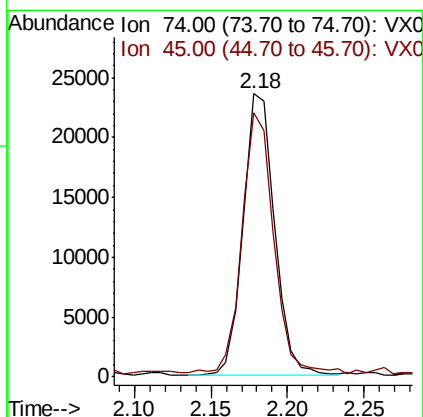
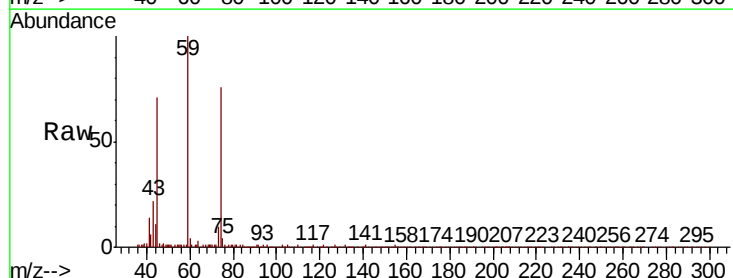
Tgt Ion:101 Resp: 101212
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

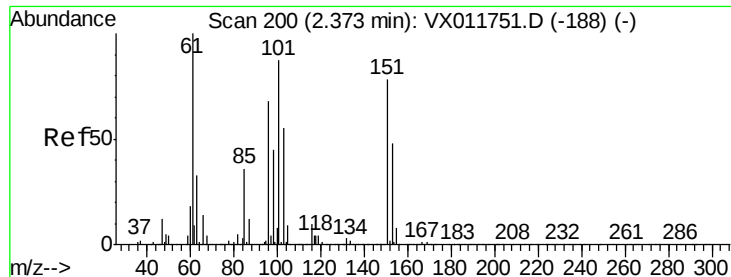


#8

Diethyl Ether
Concen: 18.820 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 74 Resp: 33526
Ion Ratio Lower Upper
74 100
45 93.2 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.011 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

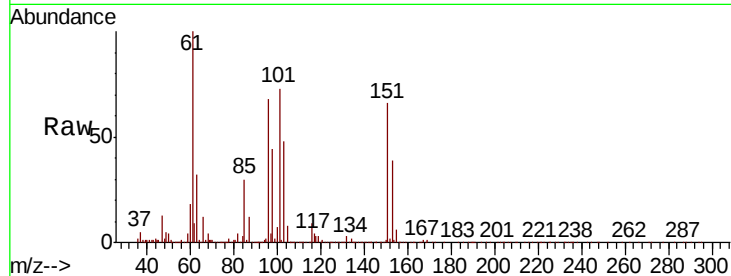
Tgt Ion:101 Resp: 58389

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

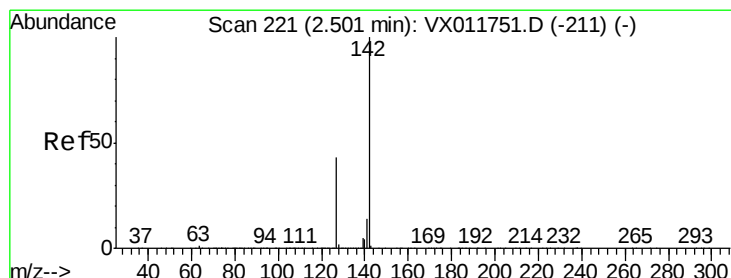
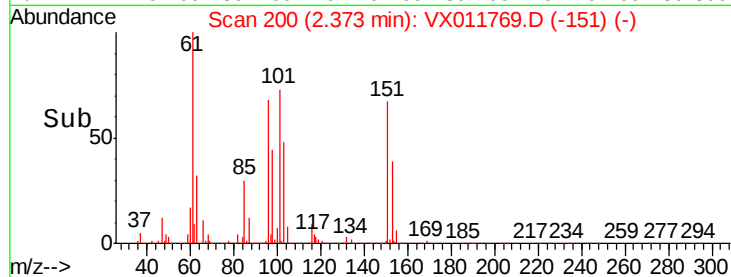
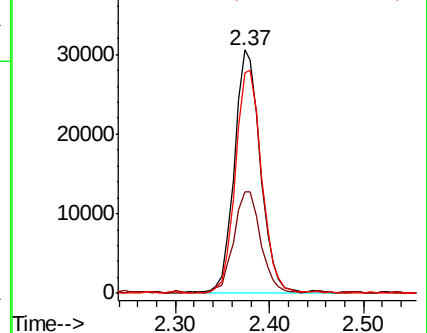
151 93.1 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.970 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

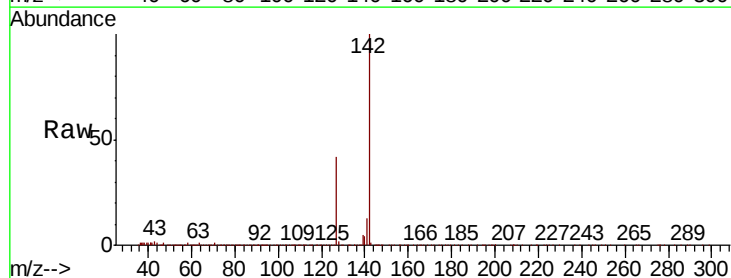
Tgt Ion:142 Resp: 75113

Ion Ratio Lower Upper

142 100

127 41.7 33.5 50.3

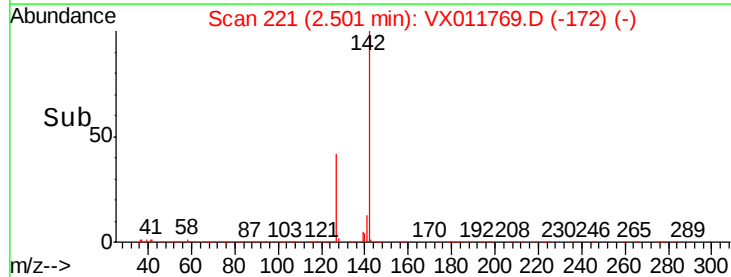
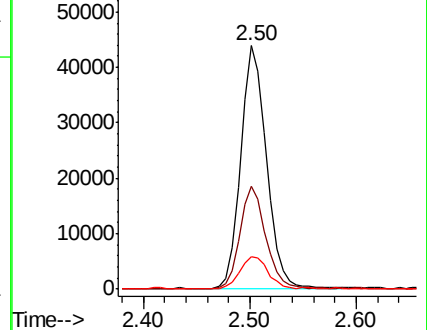
141 14.9 11.4 17.2

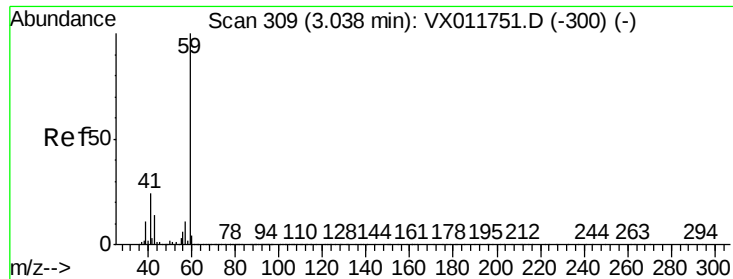


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



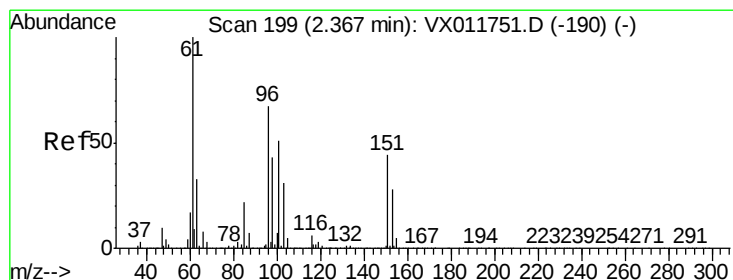
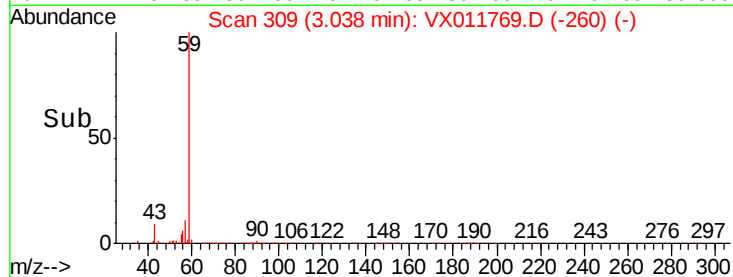
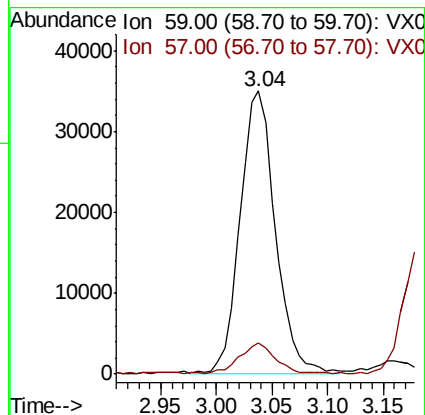
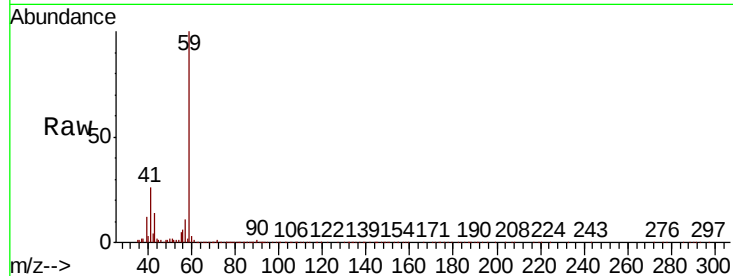


#11

Tert butyl alcohol
 Concen: 96.909 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

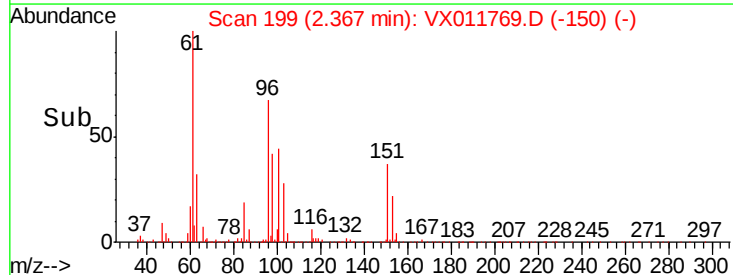
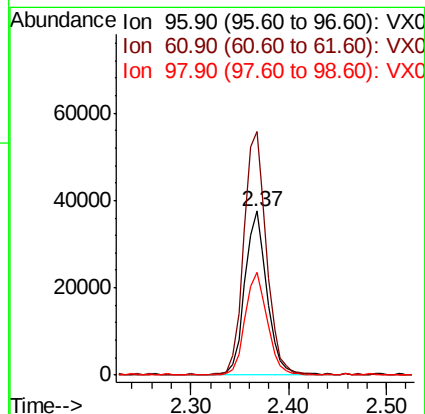
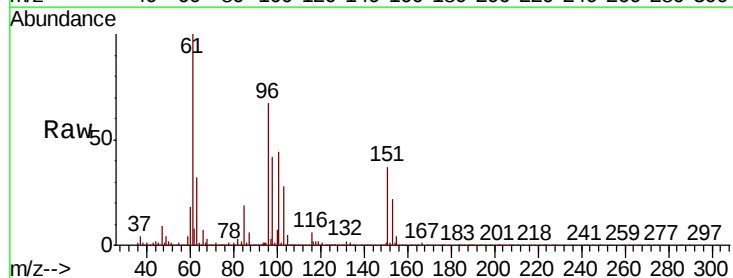
Tgt Ion: 59 Resp: 77366
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

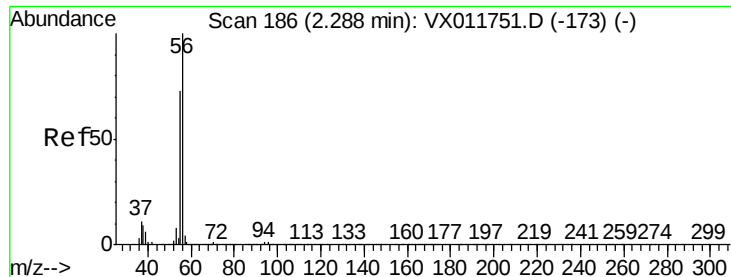


#12

1,1-Dichloroethene
 Concen: 18.769 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 96 Resp: 59330
 Ion Ratio Lower Upper
 96 100
 61 148.5 119.4 179.2
 98 62.4 51.2 76.8





#13

Acrolein

Concen: 85.366 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

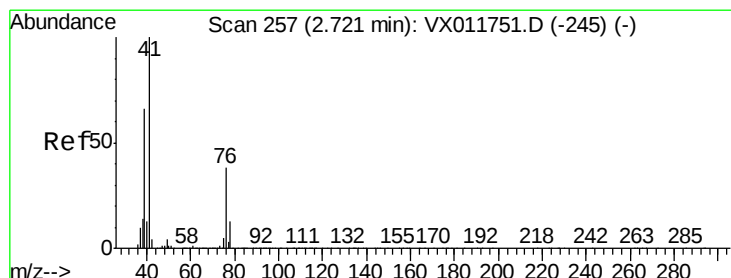
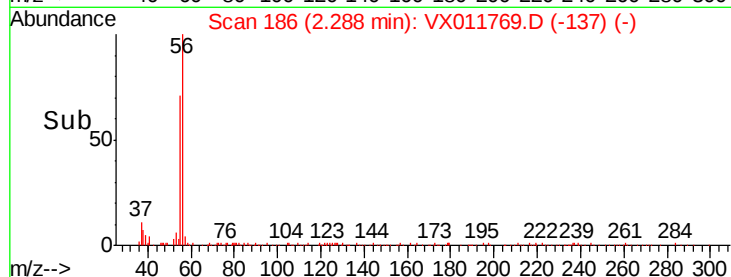
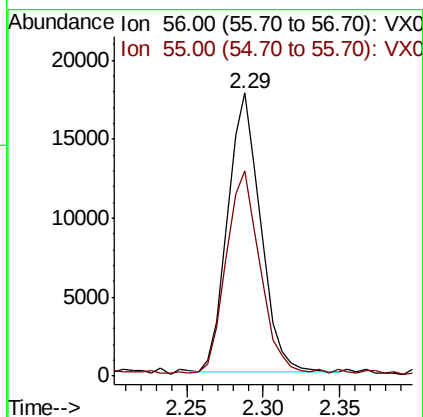
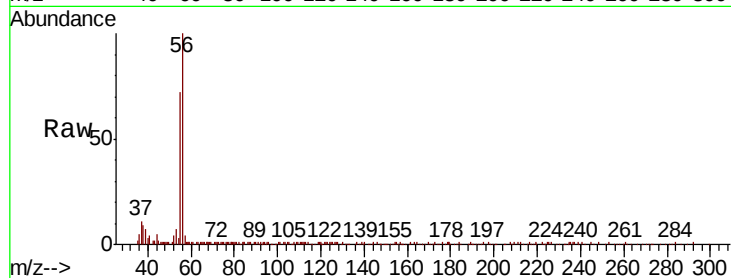
VX0822WBSD01

Tgt Ion: 56 Resp: 26344

Ion Ratio Lower Upper

56 100

55 75.8 54.8 82.2



#14

Allyl chloride

Concen: 18.550 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

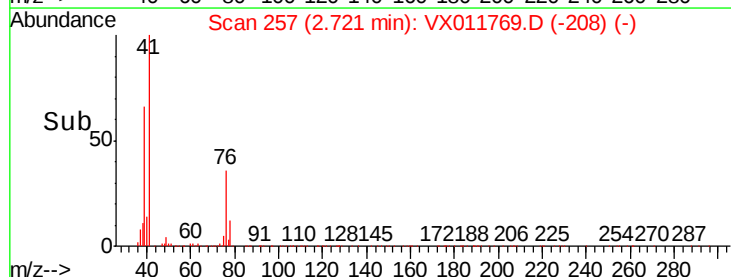
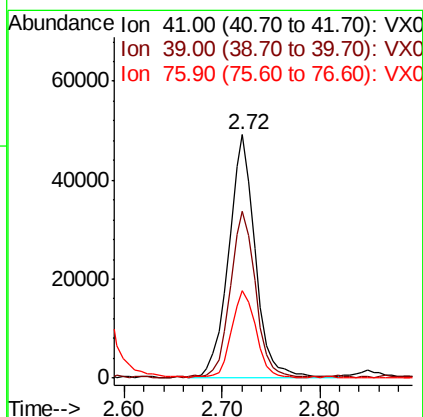
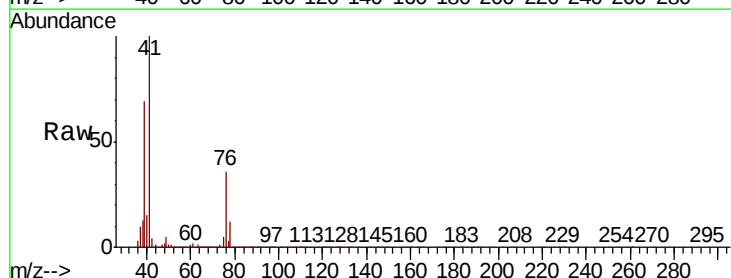
Tgt Ion: 41 Resp: 91649

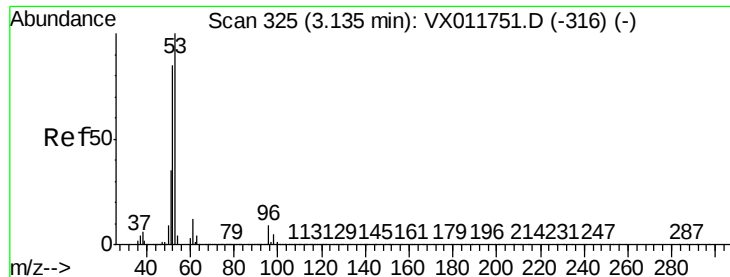
Ion Ratio Lower Upper

41 100

39 65.4 49.3 73.9

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 97.972 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

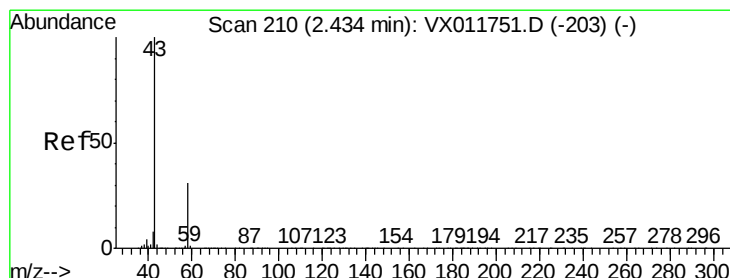
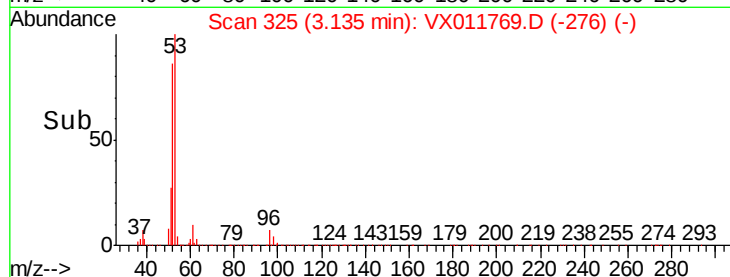
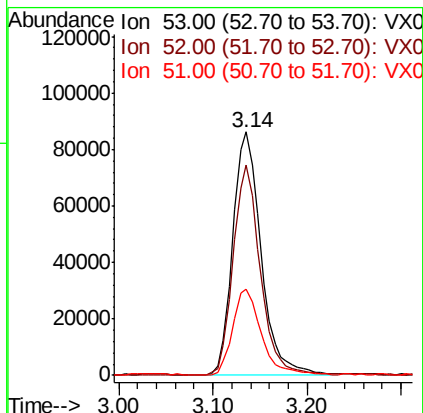
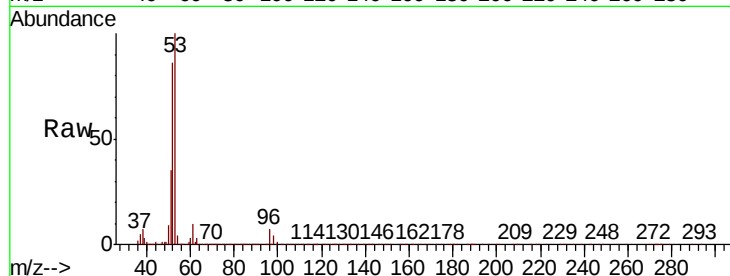
Tgt Ion: 53 Resp: 178898

Ion Ratio Lower Upper

53 100

52 83.6 65.7 98.5

51 35.8 28.6 43.0



#16

Acetone

Concen: 84.857 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011769.D

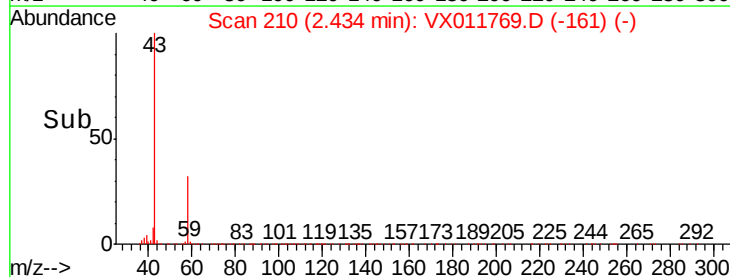
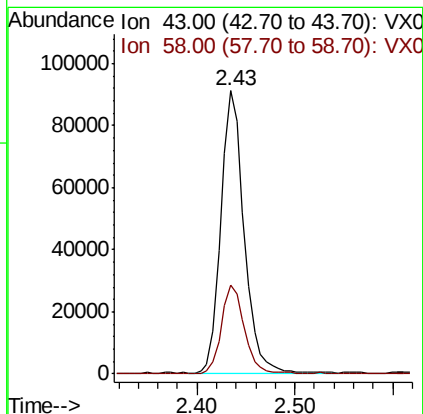
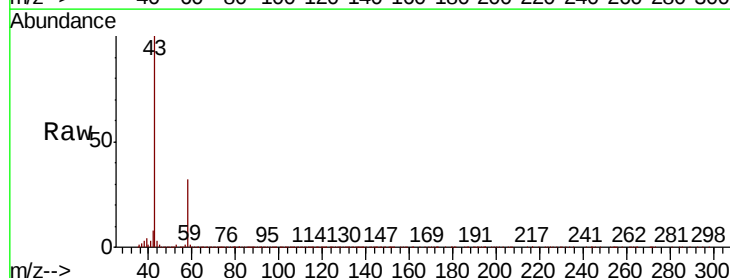
Acq: 22 Aug 2019 18:06

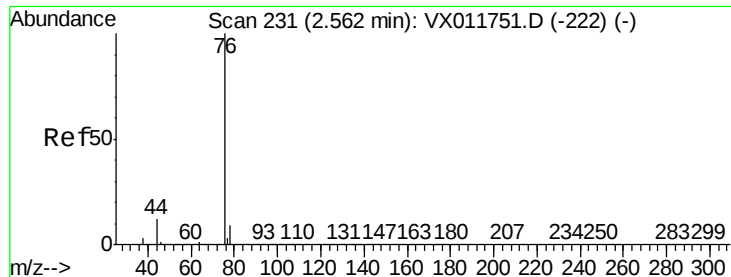
Tgt Ion: 43 Resp: 149132

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6





#17

Carbon Disulfide

Concen: 17.989 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

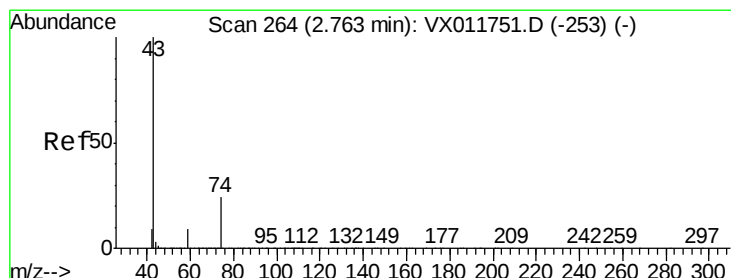
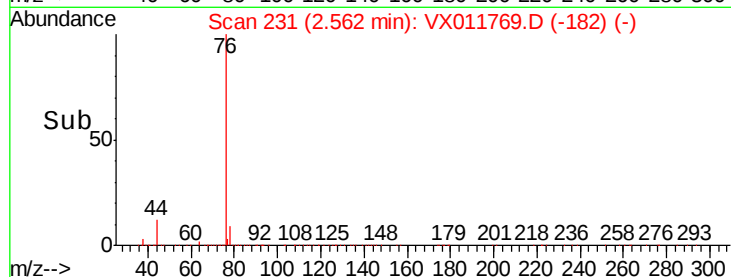
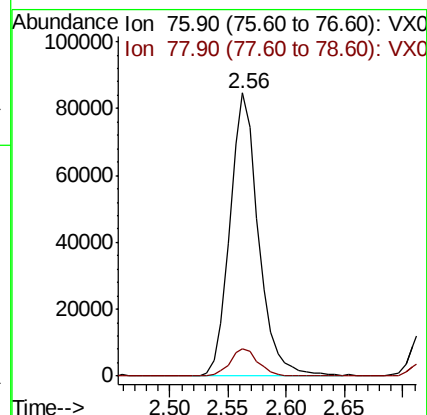
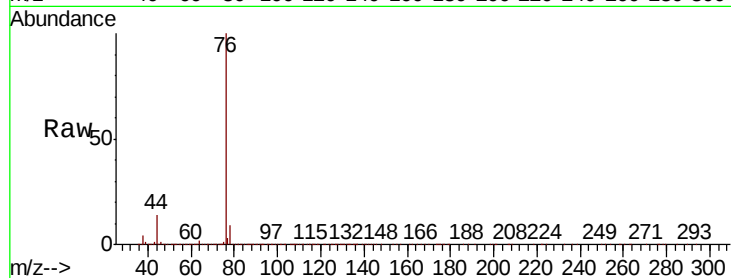
VX0822WBSD01

Tgt Ion: 76 Resp: 143772

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 20.488 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011769.D

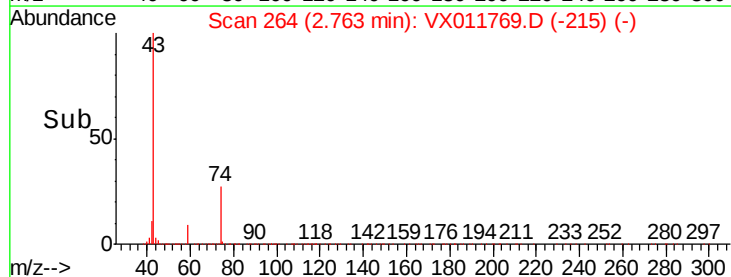
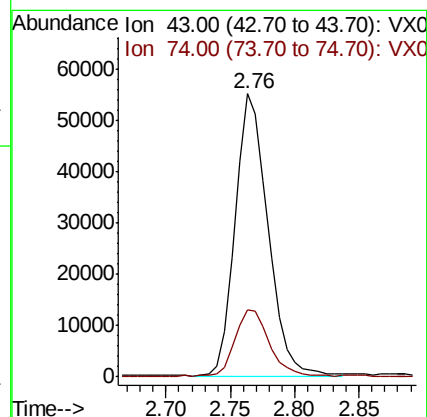
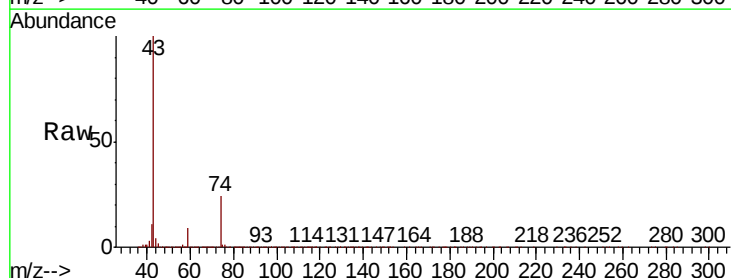
Acq: 22 Aug 2019 18:06

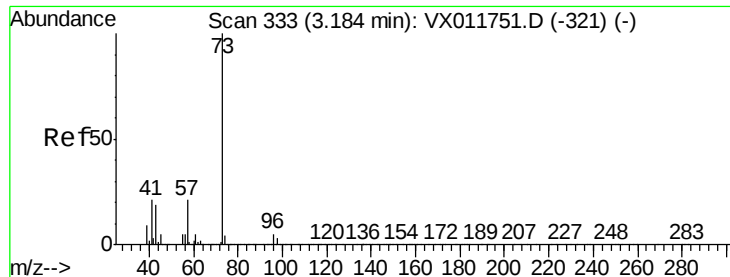
Tgt Ion: 43 Resp: 97702

Ion Ratio Lower Upper

43 100

74 24.3 19.5 29.3



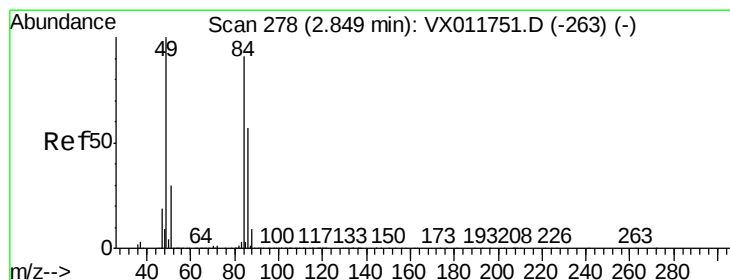
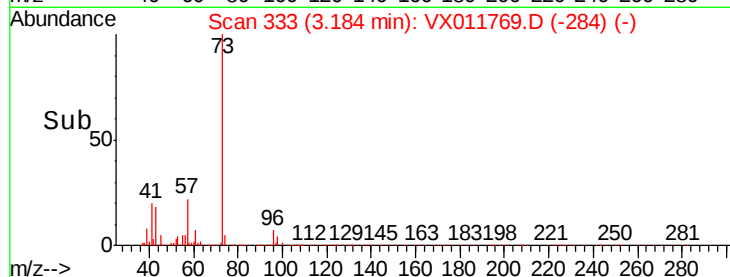
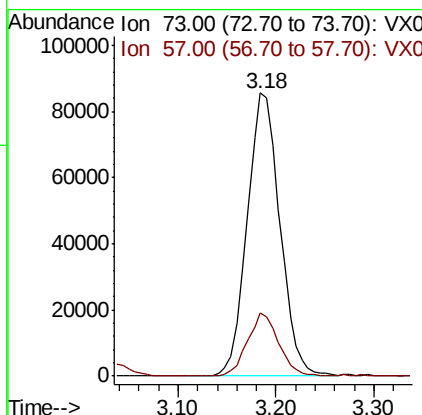
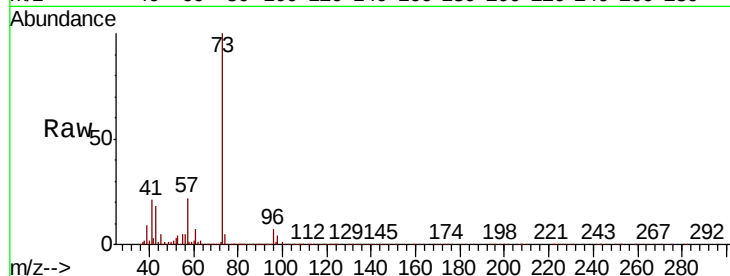


#19

Methyl tert-butyl Ether
 Concen: 19.527 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

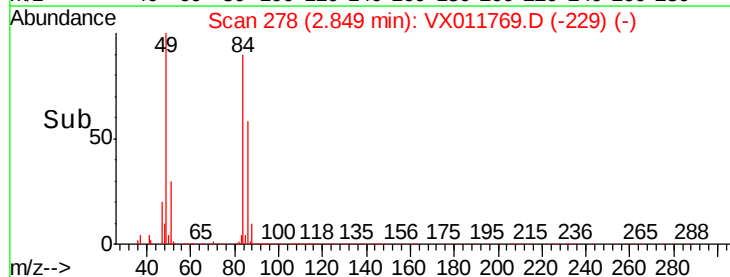
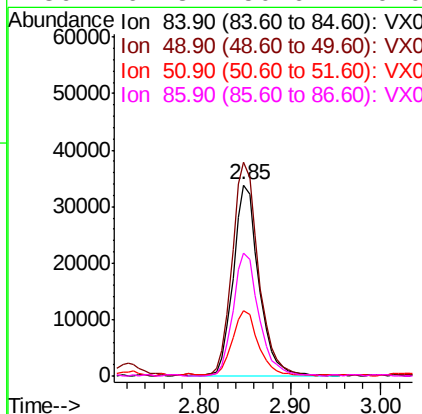
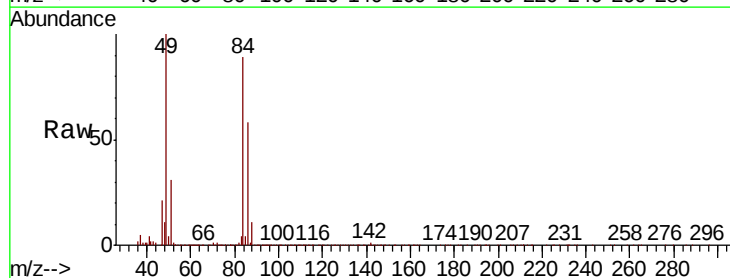
Tgt Ion: 73 Resp: 197998
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.4 24.6

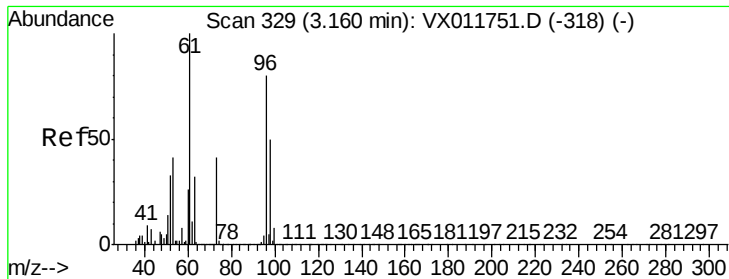


#20

Methylene Chloride
 Concen: 18.575 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 84 Resp: 66741
 Ion Ratio Lower Upper
 84 100
 49 111.3 88.3 132.5
 51 33.6 26.2 39.2
 86 64.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.936 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

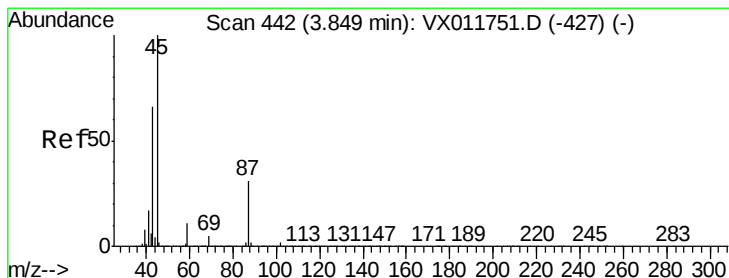
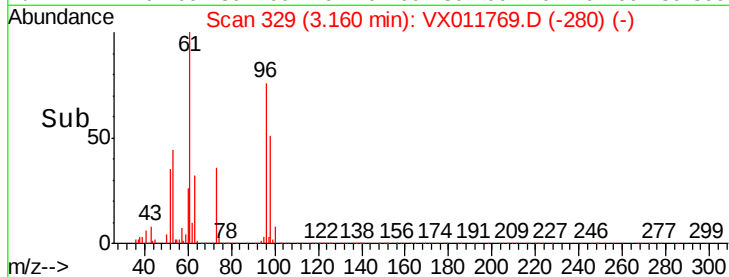
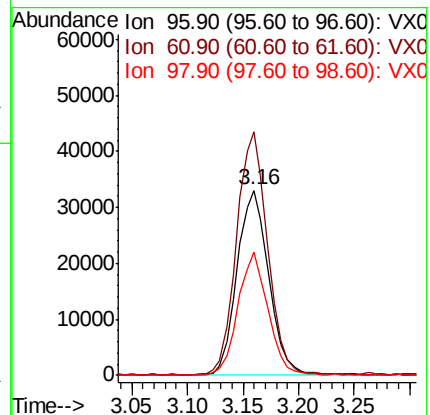
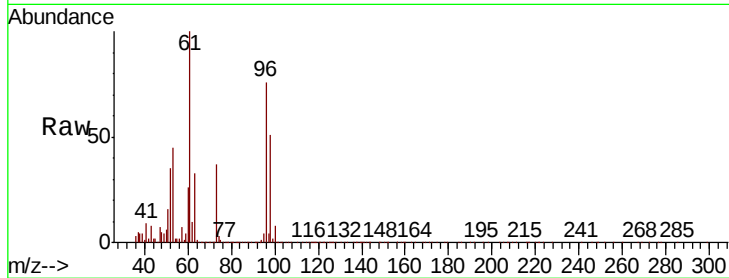
Tgt Ion: 96 Resp: 64561

Ion Ratio Lower Upper

96 100

61 131.7 99.8 149.8

98 66.8 50.3 75.5



#22

Diisopropyl ether

Concen: 20.037 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Tgt Ion: 45 Resp: 191966

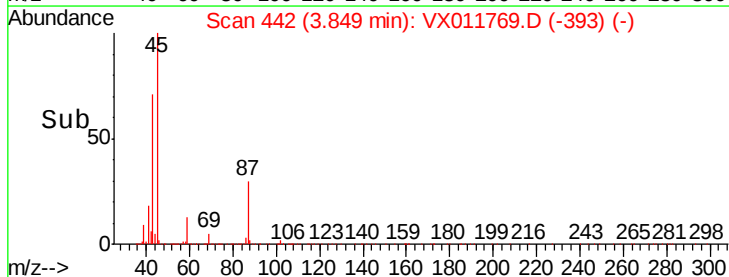
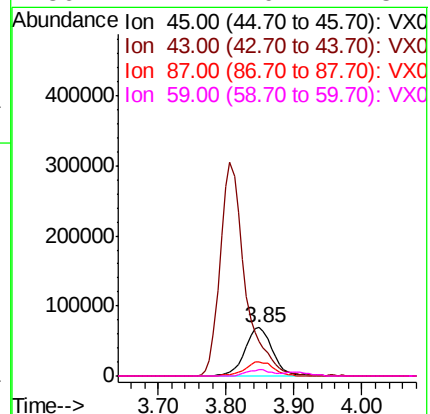
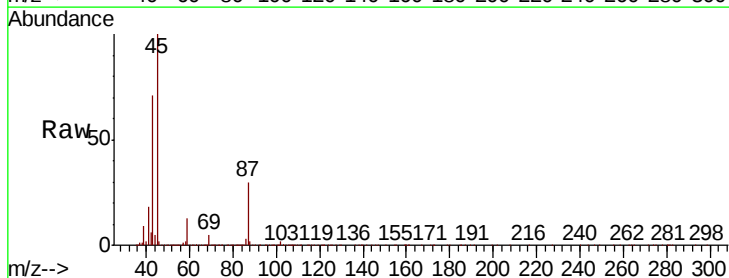
Ion Ratio Lower Upper

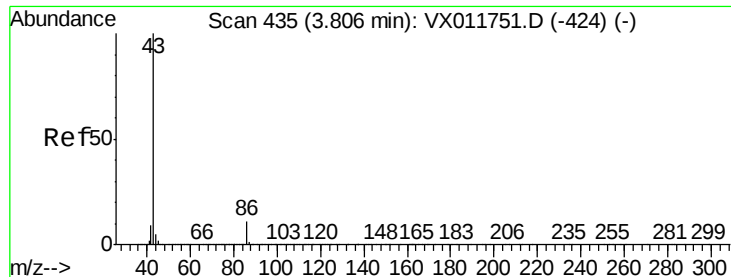
45 100

43 70.3 53.0 79.6

87 30.5 24.7 37.1

59 12.4 9.1 13.7

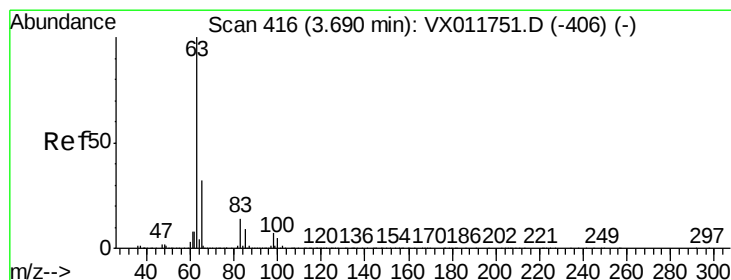
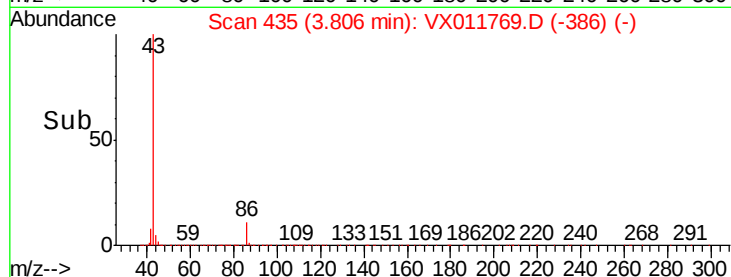
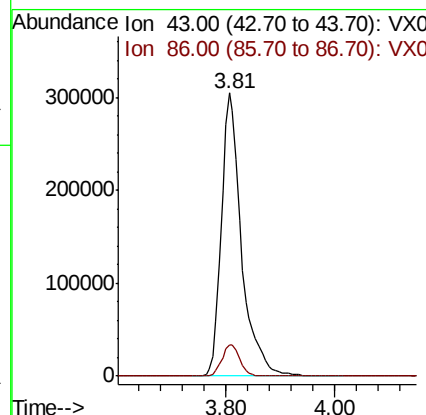
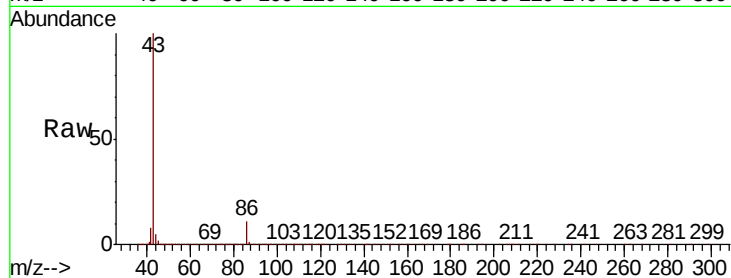




#23
 Vinyl Acetate
 Concen: 98.882 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

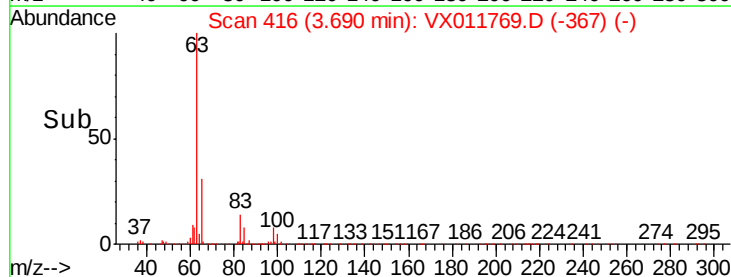
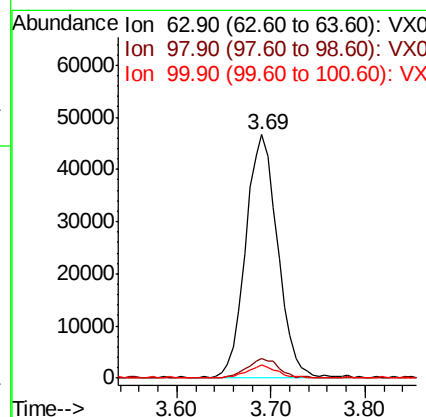
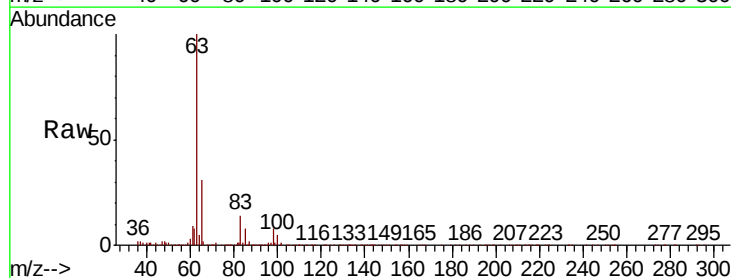
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

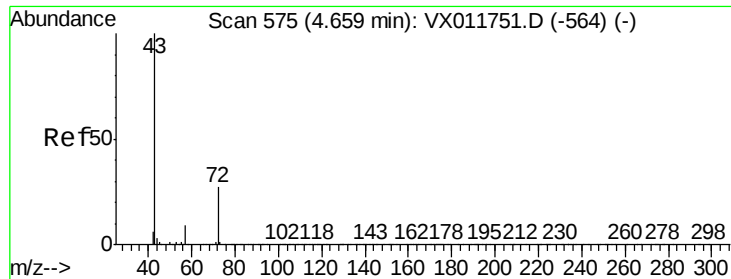
Tgt Ion: 43 Resp: 784360
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.364 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 63 Resp: 109536
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 5.1 2.3 6.9

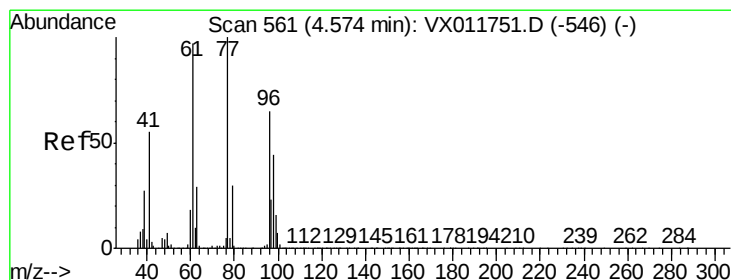
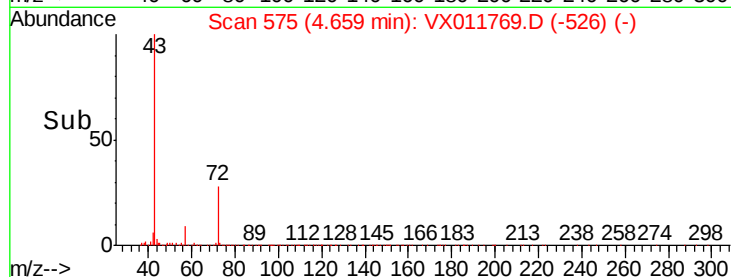
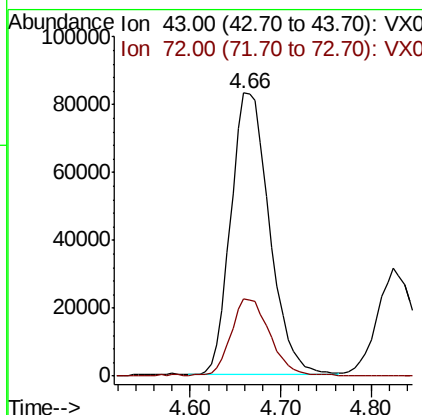
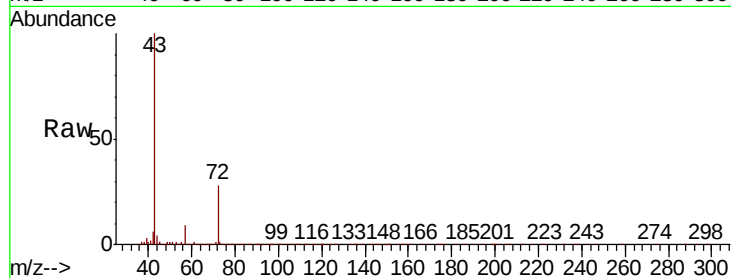




#25
2-Butanone
Concen: 97.507 ug/l
RT: 4.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

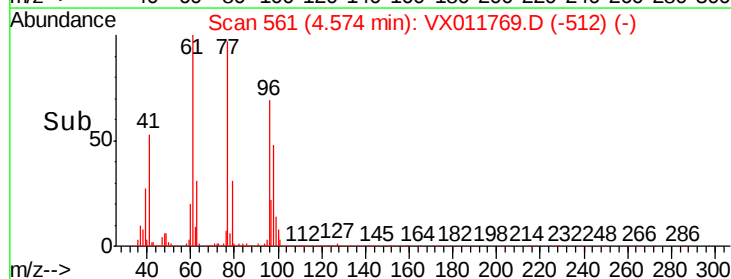
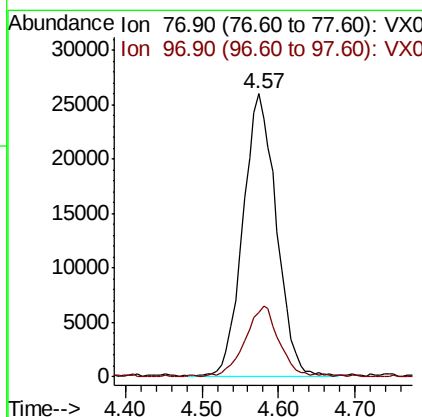
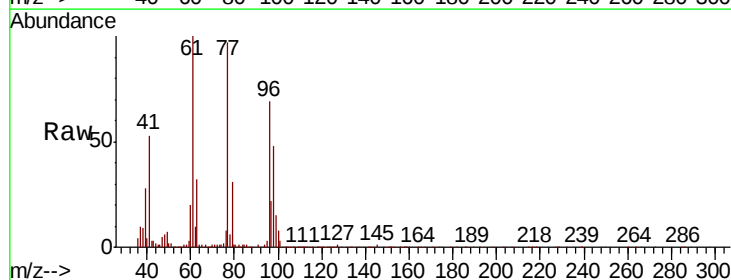
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

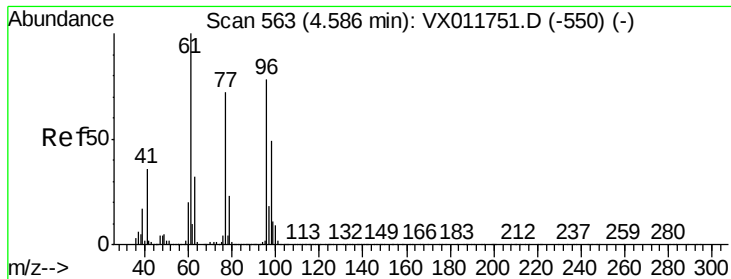
Tgt Ion: 43 Resp: 245970
Ion Ratio Lower Upper
43 100
72 27.3 21.8 32.6



#26
2,2-Dichloropropane
Concen: 16.262 ug/l
RT: 4.57 min Scan# 561
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 77 Resp: 78116
Ion Ratio Lower Upper
77 100
97 25.9 12.2 36.6



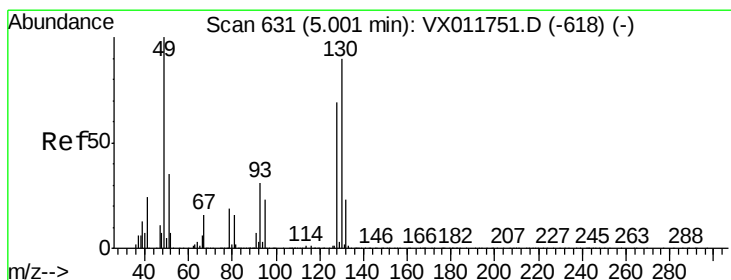
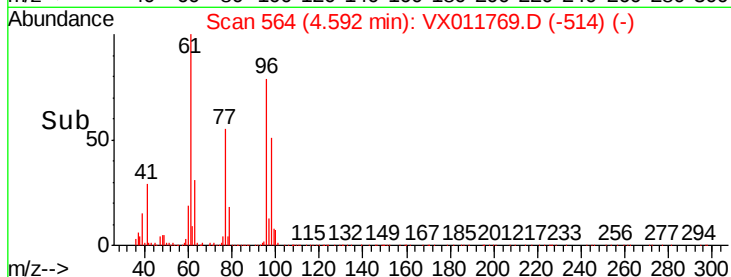
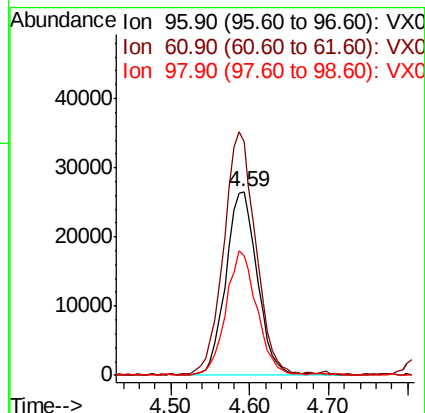
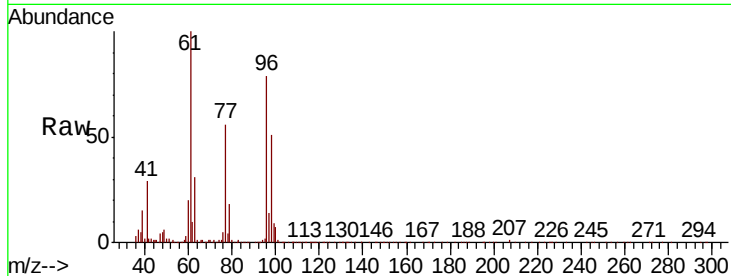


#27

cis-1,2-Dichloroethene
Concen: 18.688 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

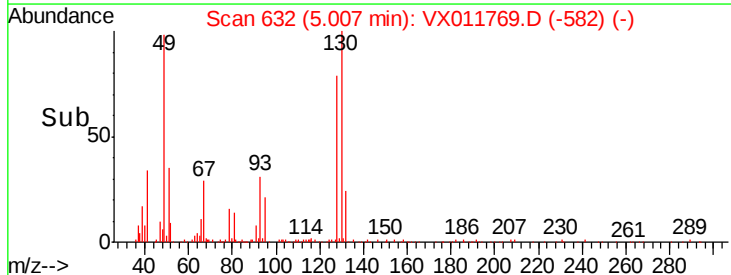
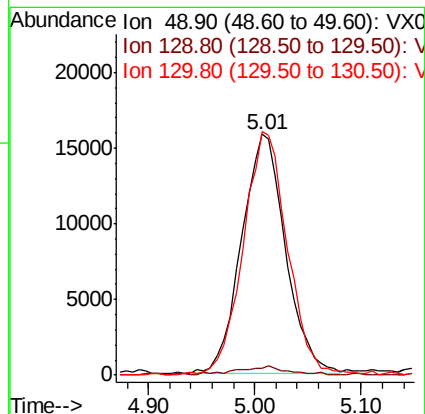
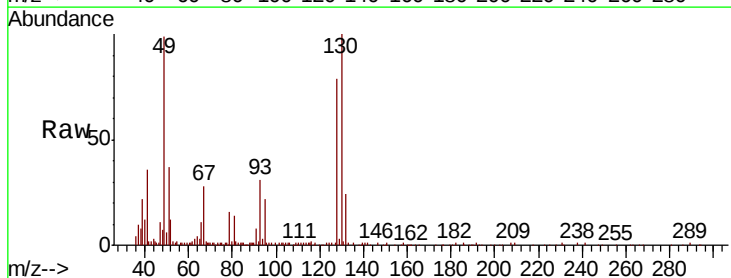
Tgt Ion: 96 Resp: 73068
Ion Ratio Lower Upper
96 100
61 134.6 0.0 275.8
98 66.5 0.0 128.2

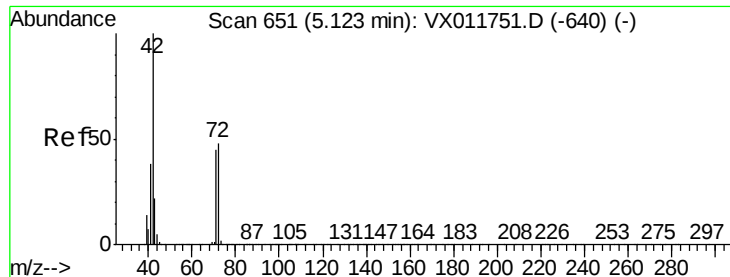


#28

Bromochloromethane
Concen: 17.865 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 49 Resp: 45873
Ion Ratio Lower Upper
49 100
129 3.7 0.0 5.8
130 102.1 76.8 115.2





#29

Tetrahydrofuran

Concen: 99.197 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampled :

VX0822WBSD01

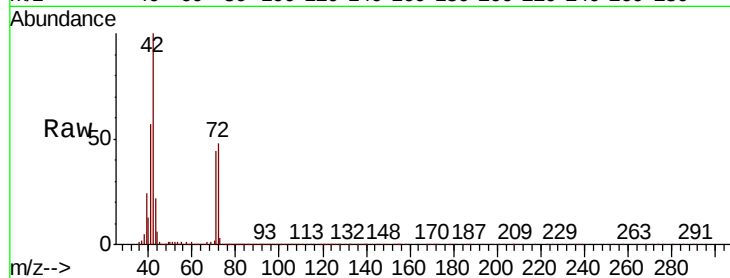
Tgt Ion: 42 Resp: 160405

Ion Ratio Lower Upper

42 100

72 47.6 37.6 56.4

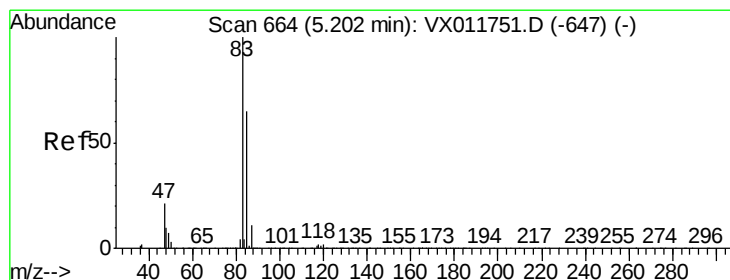
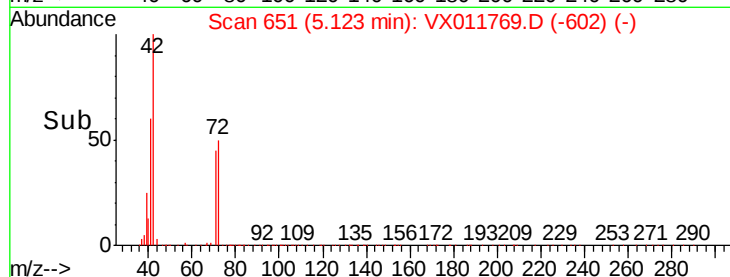
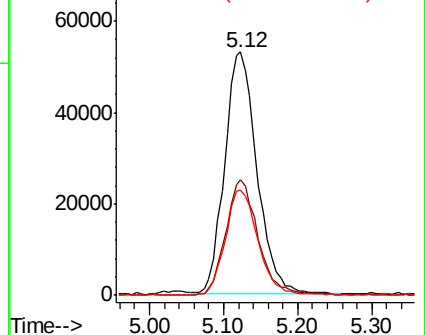
71 43.6 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.305 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011769.D

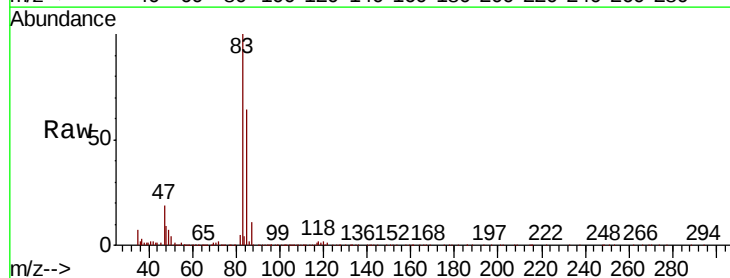
Acq: 22 Aug 2019 18:06

Tgt Ion: 83 Resp: 118476

Ion Ratio Lower Upper

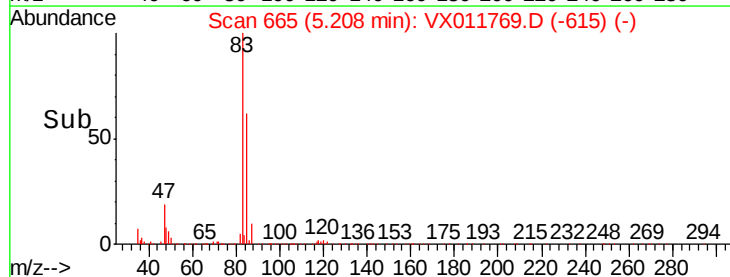
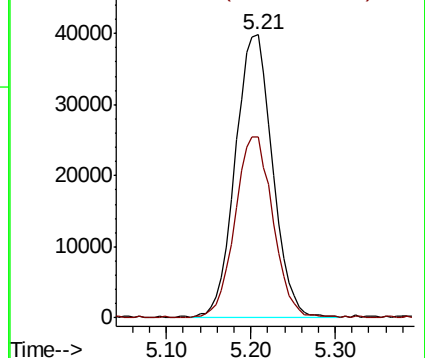
83 100

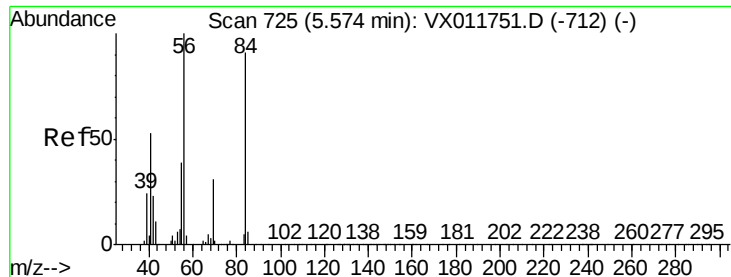
85 63.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

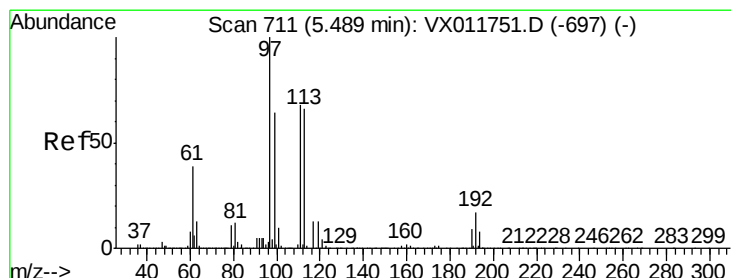
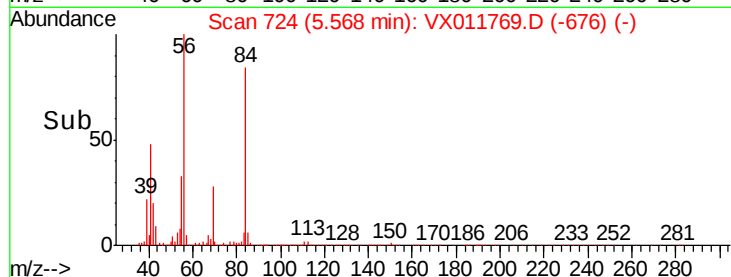
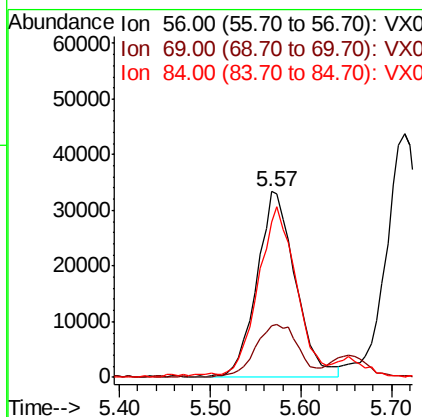
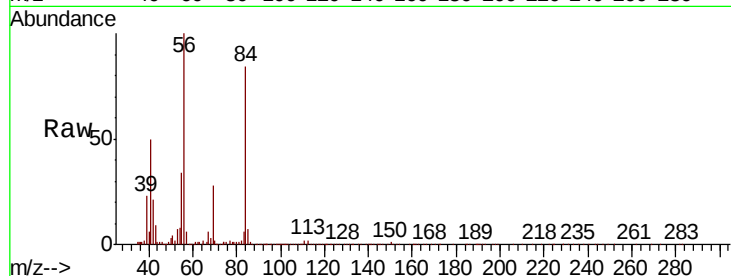




#31
Cyclohexane
Concen: 19.534 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

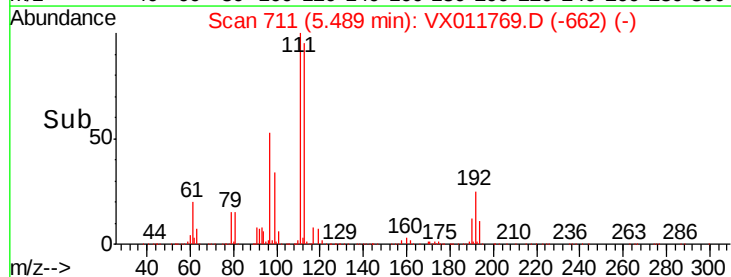
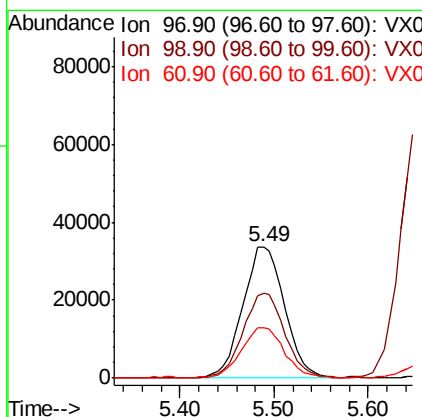
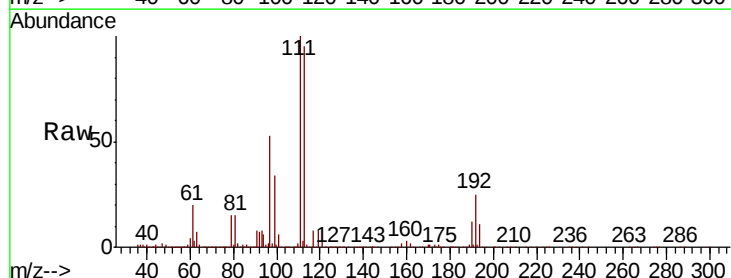
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

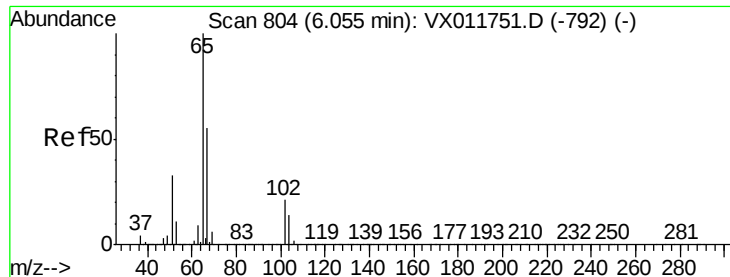
Tgt Ion: 56 Resp: 97040
Ion Ratio Lower Upper
56 100
69 27.3 24.5 36.7
84 82.8 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 19.646 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 97 Resp: 104804
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 38.6 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 48.887 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

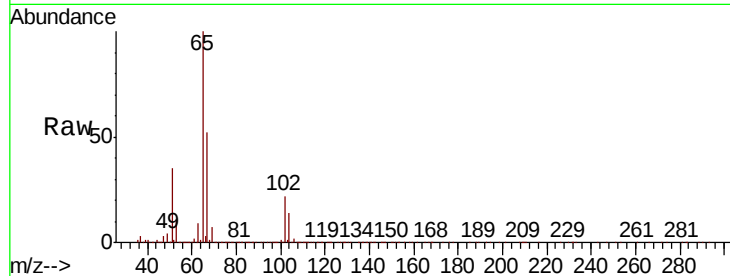
VX0822WBSD01

Tgt Ion: 65 Resp: 197507

Ion Ratio Lower Upper

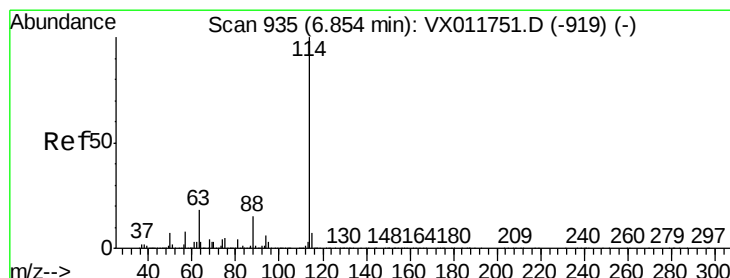
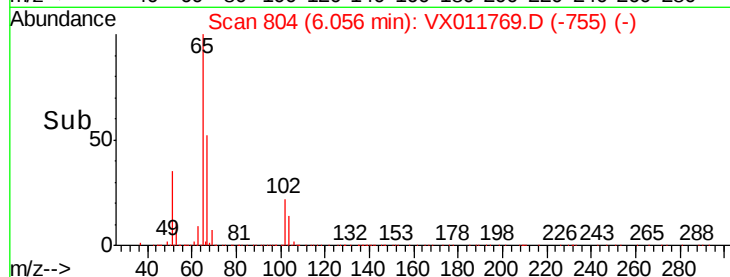
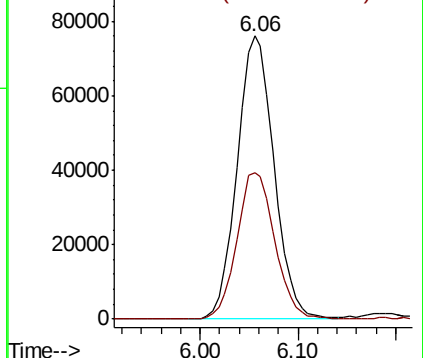
65 100

67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

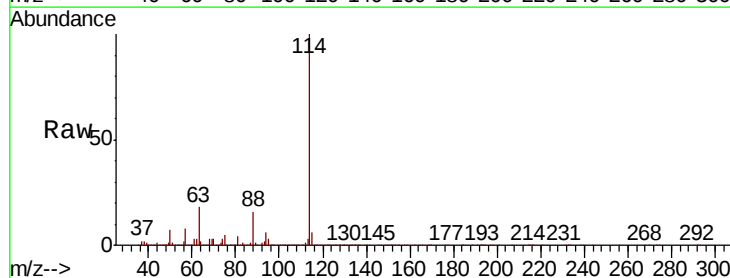
Tgt Ion: 114 Resp: 557124

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

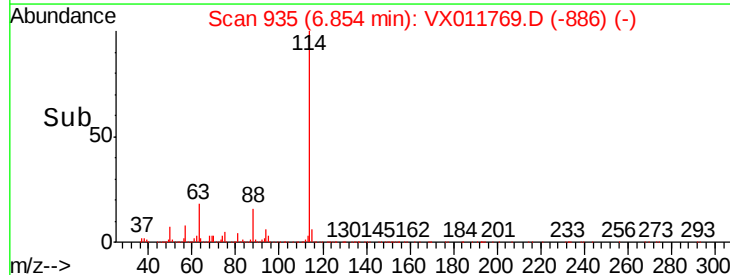
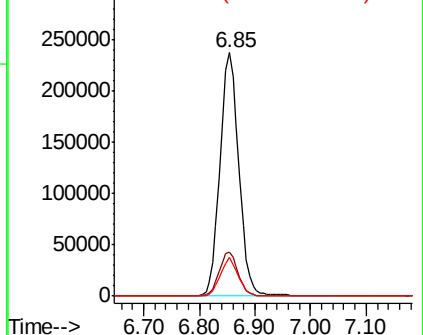
88 15.7 0.0 30.2

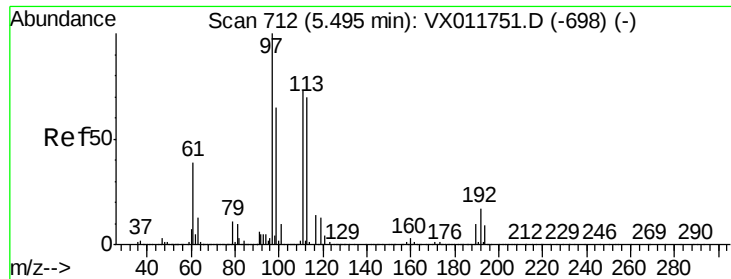


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 5.49 min Scan# 712

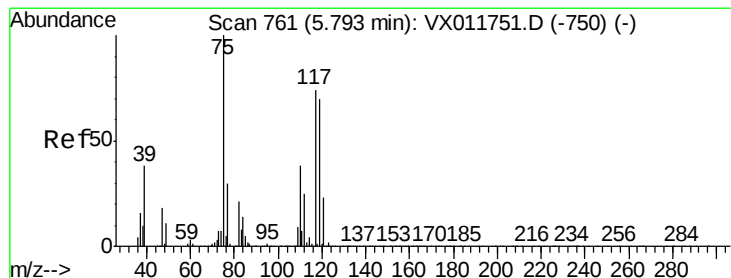
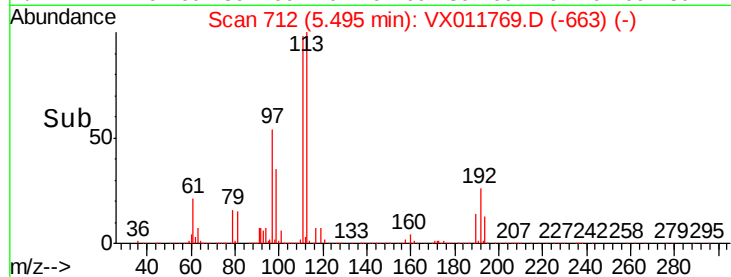
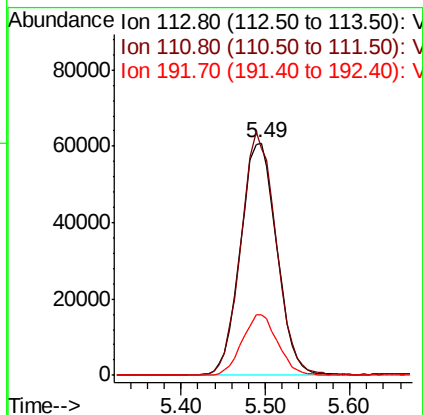
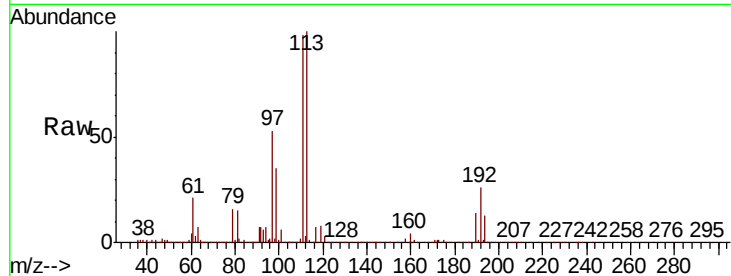
Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion:113 Resp: 177918
Ion Ratio Lower Upper
113 100
111 100.6 81.0 121.4
192 25.3 19.9 29.9



#36

1,1-Dichloropropene

Concen: 19.304 ug/l

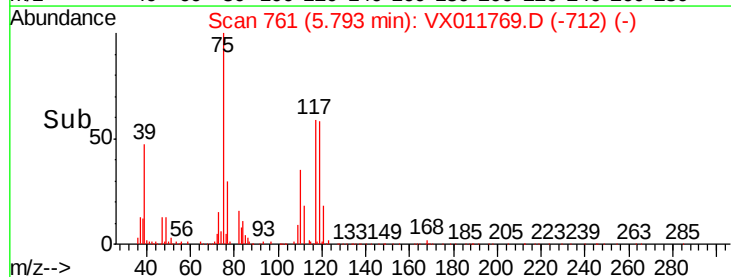
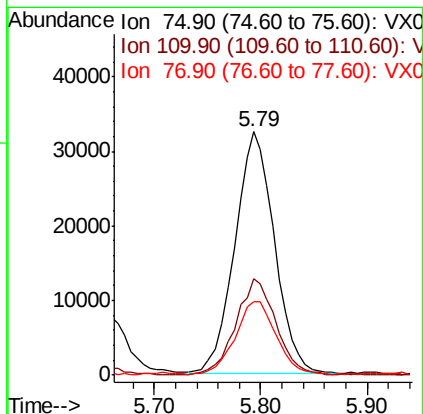
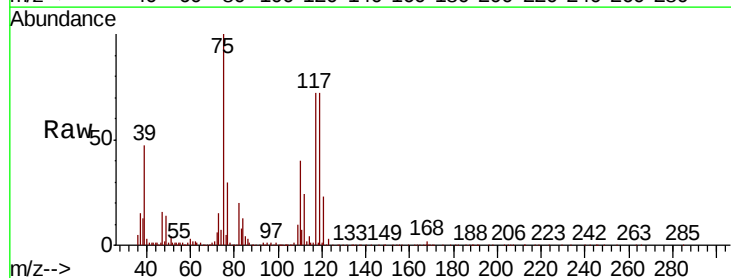
RT: 5.79 min Scan# 761

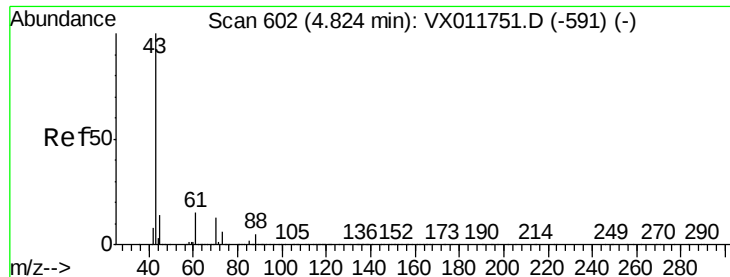
Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Tgt Ion: 75 Resp: 84336
Ion Ratio Lower Upper
75 100
110 40.6 19.0 57.0
77 31.0 24.6 36.8

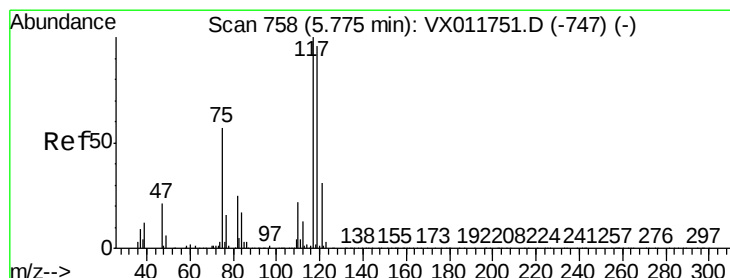
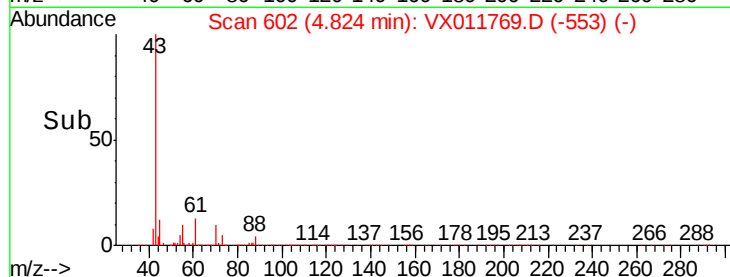
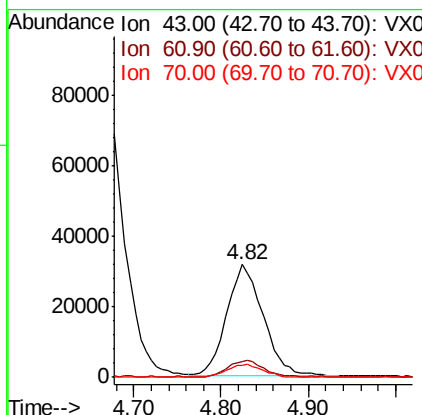
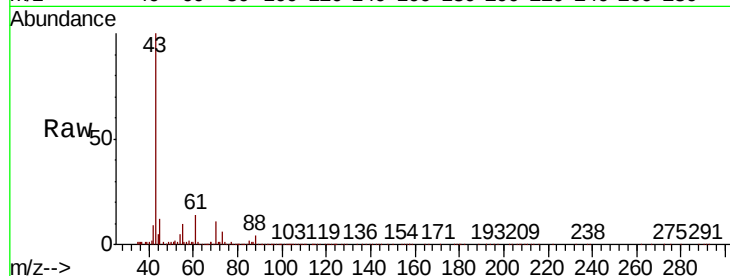




#37
Ethyl Acetate
Concen: 19.843 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

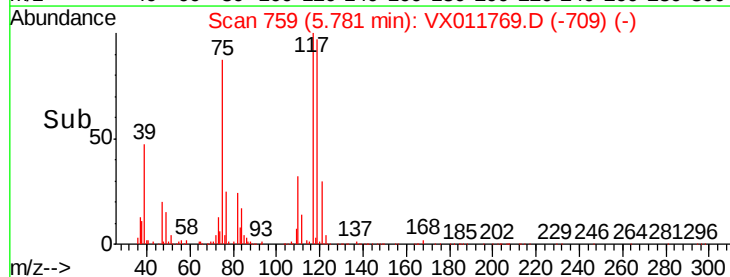
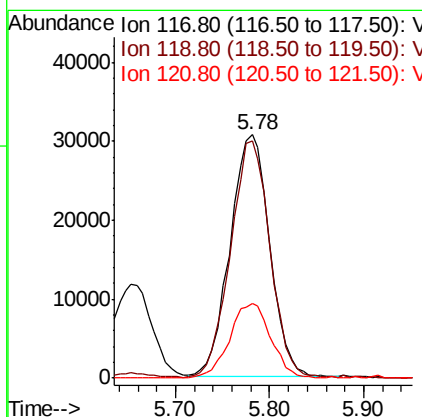
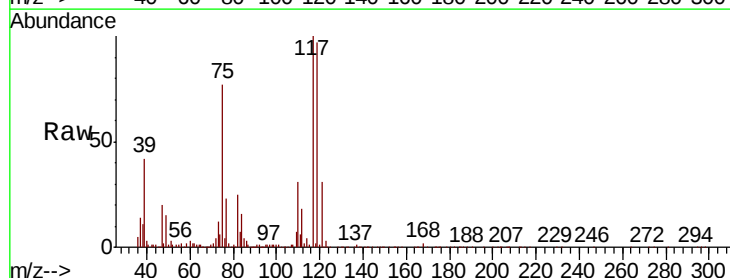
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

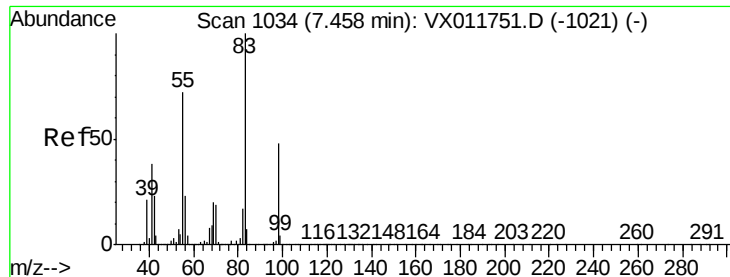
Tgt Ion: 43 Resp: 91740
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.5 9.5 14.3



#38
Carbon Tetrachloride
Concen: 18.232 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 117 Resp: 90272
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8
121 30.7 25.2 37.8

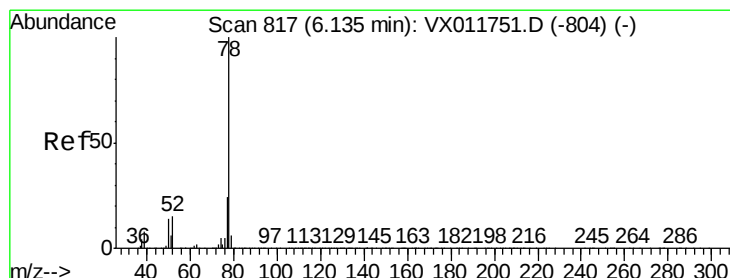
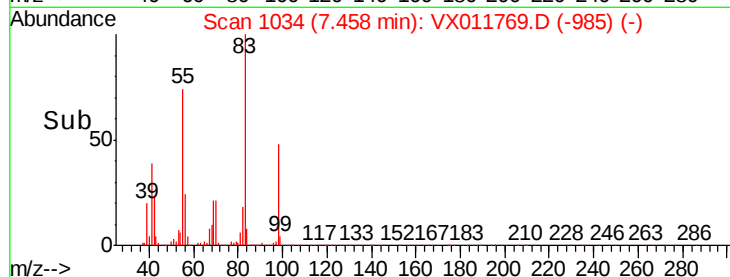
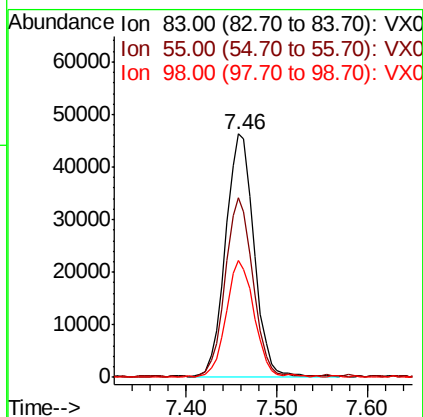
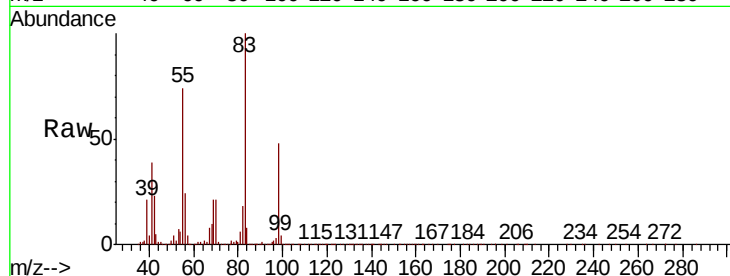




#39
Methylcyclohexane
Concen: 18.609 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

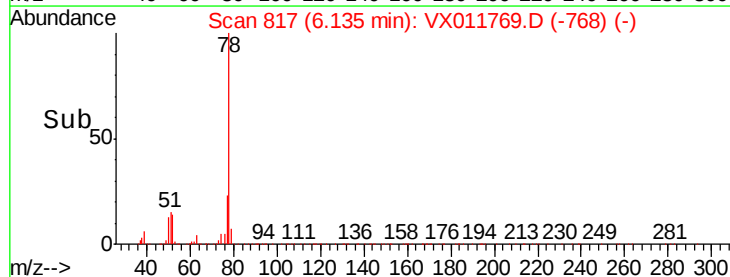
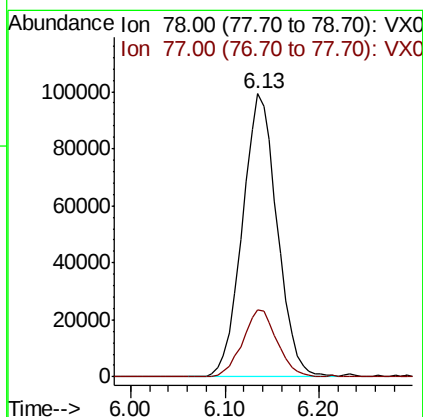
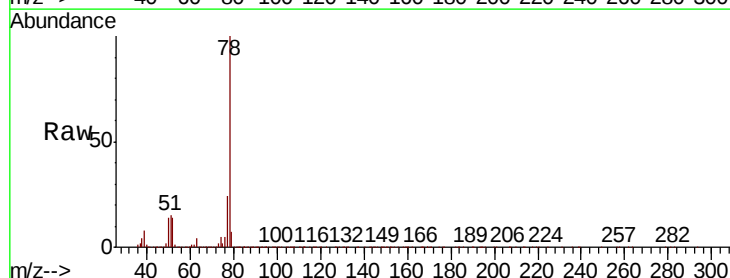
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

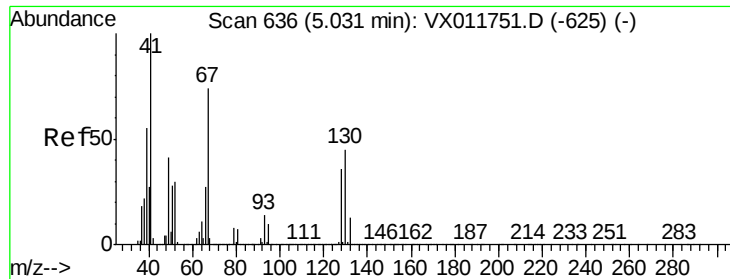
Tgt Ion: 83 Resp: 100748
Ion Ratio Lower Upper
83 100
55 73.4 57.8 86.6
98 47.6 38.6 58.0



#40
Benzene
Concen: 18.915 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 78 Resp: 255632
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

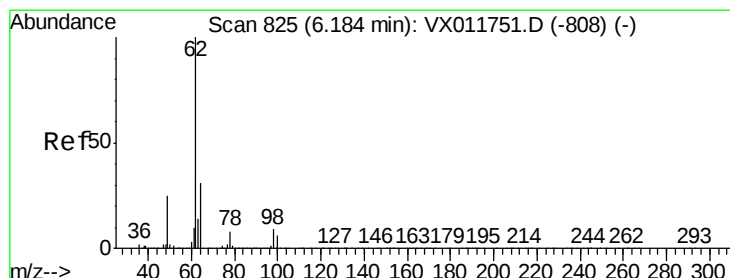
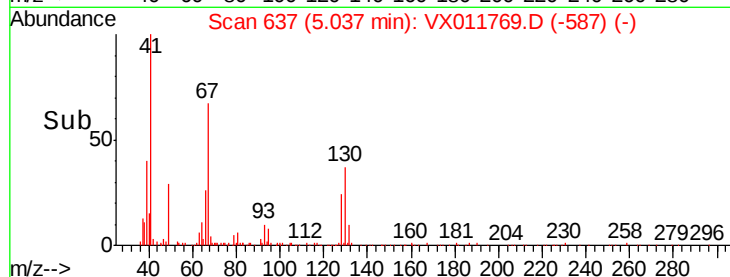
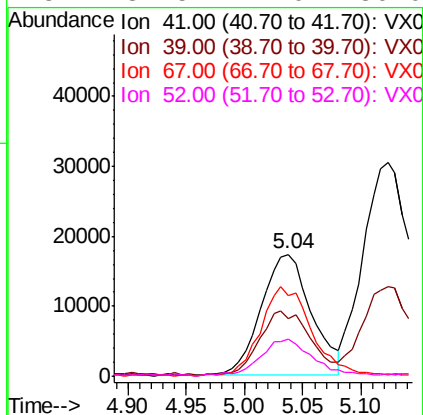
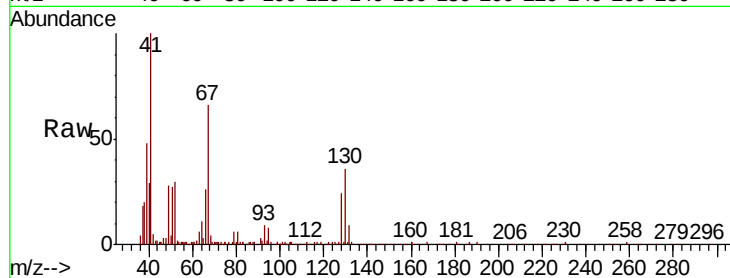




#41
Methacrylonitrile
Concen: 19.205 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

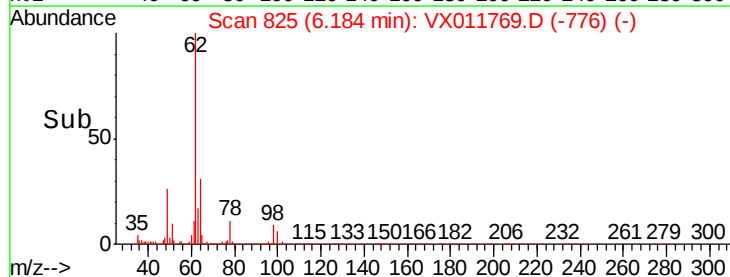
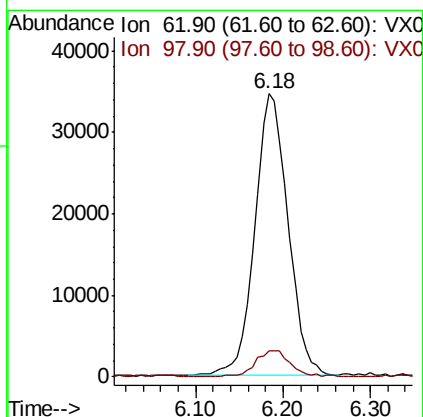
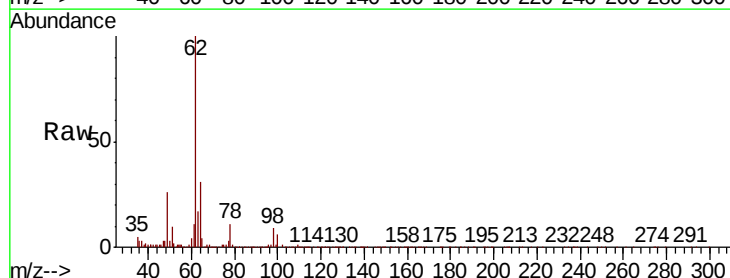
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

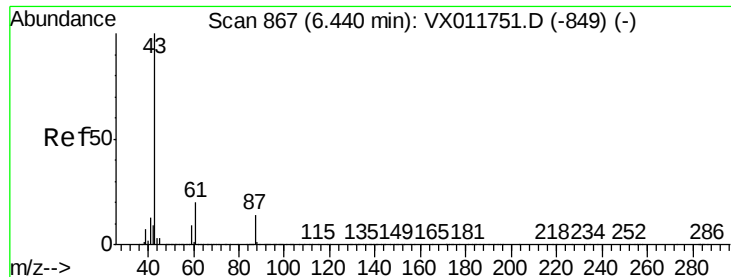
Tgt Ion:	41	Resp:	51640
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.3	66.5
67	75.5	60.3	90.5
52	32.5	24.0	36.0



#42
1,2-Dichloroethane
Concen: 18.390 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion:	62	Resp:	90853
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8





#43

Isopropyl Acetate

Concen: 18.792 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

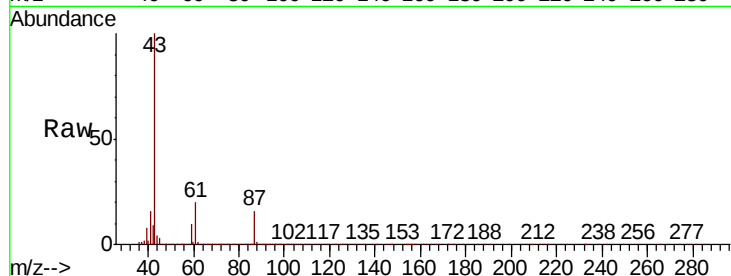
Tgt Ion: 43 Resp: 140622

Ion Ratio Lower Upper

43 100

61 20.9 16.2 24.2

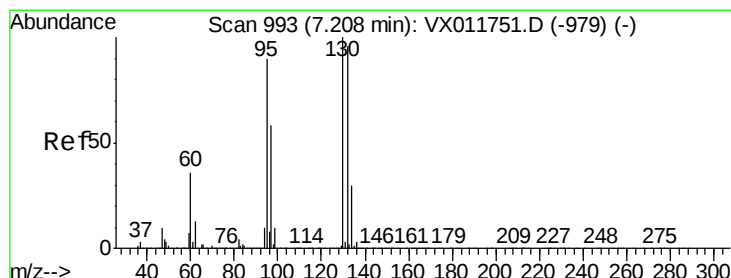
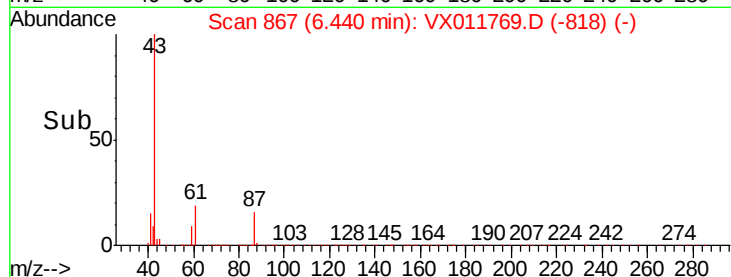
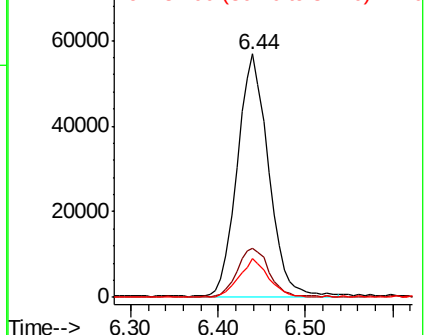
87 14.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.728 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011769.D

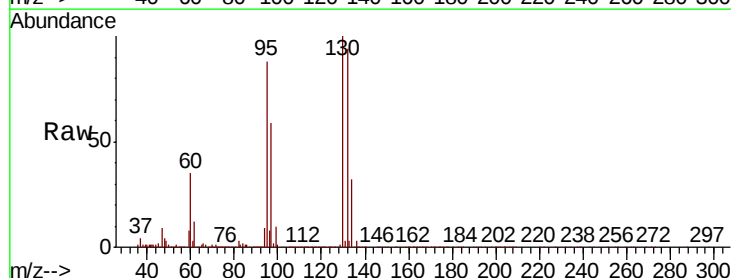
Acq: 22 Aug 2019 18:06

Tgt Ion: 130 Resp: 78022

Ion Ratio Lower Upper

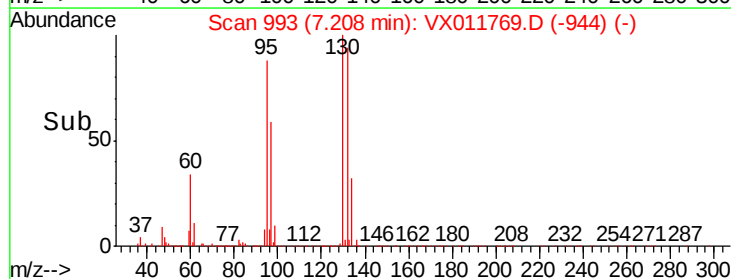
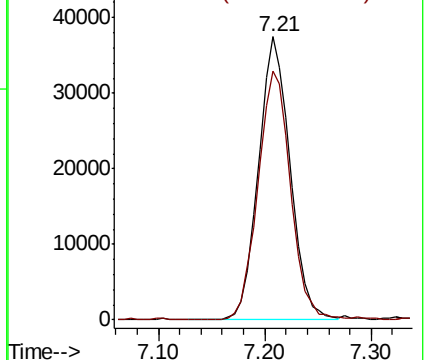
130 100

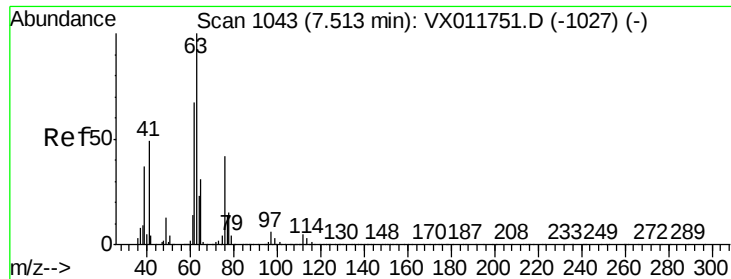
95 87.9 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

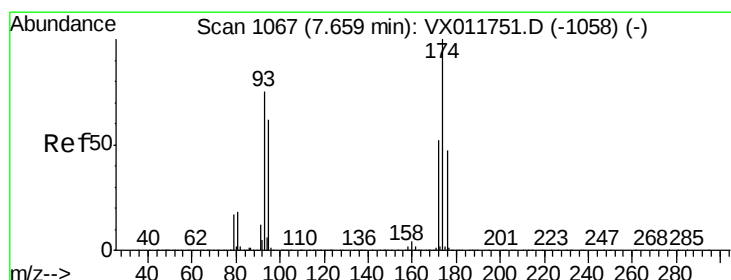
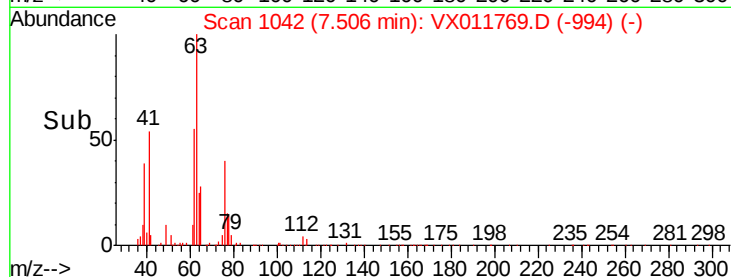
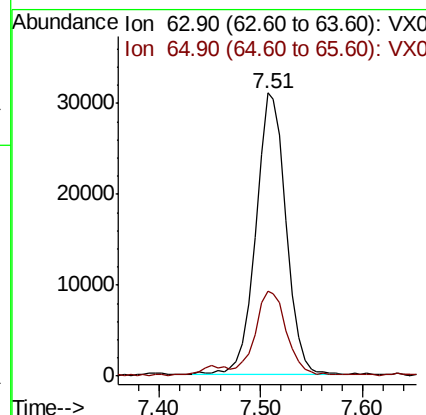
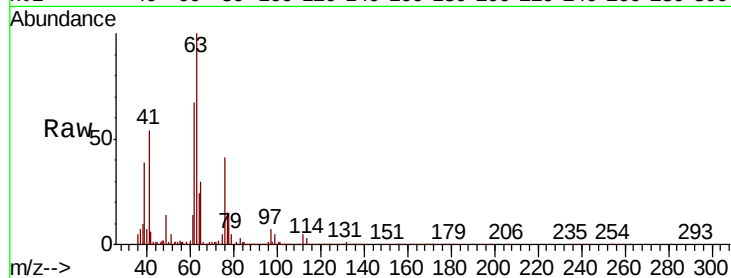




#45
 1,2-Dichloropropane
 Concen: 18.884 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

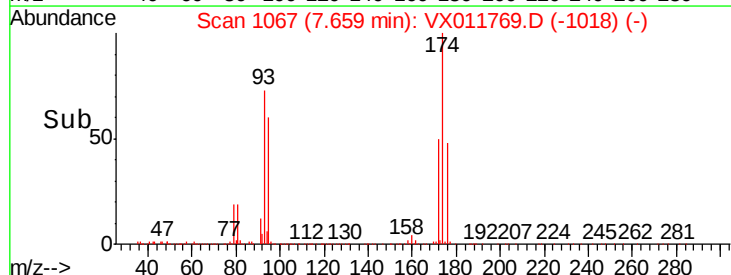
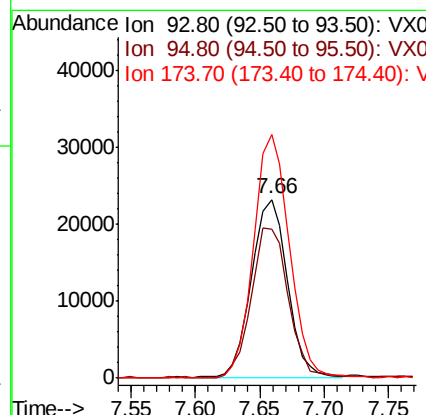
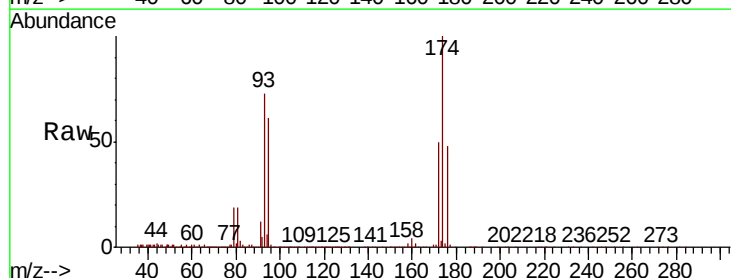
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

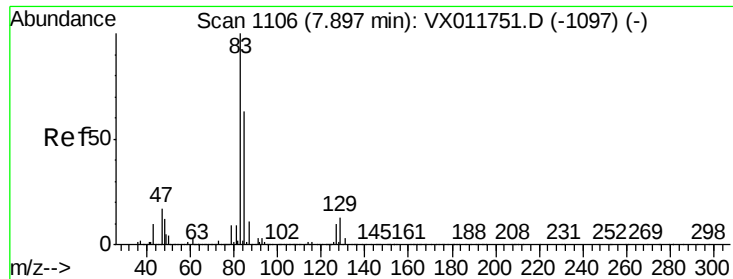
Tgt Ion: 63 Resp: 64149
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.8 37.2



#46
 Dibromomethane
 Concen: 17.931 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 93 Resp: 44908
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.2 99.2
 174 136.3 104.2 156.4





#47

Bromodichloromethane

Concen: 18.591 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

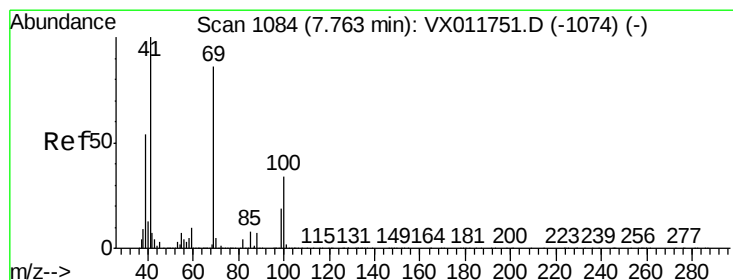
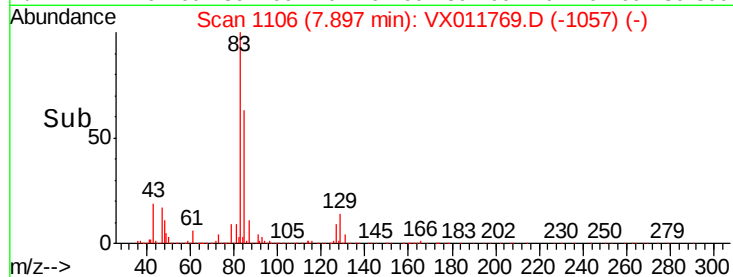
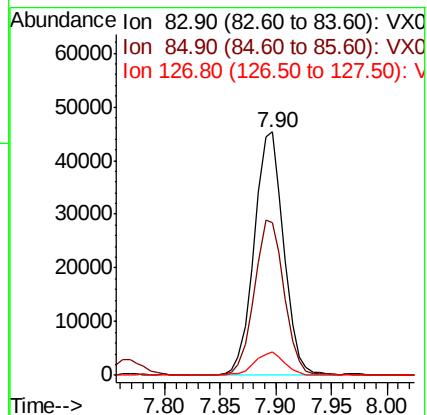
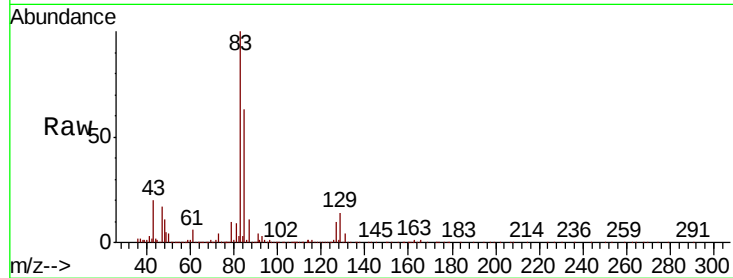
Tgt Ion: 83 Resp: 83816

Ion Ratio Lower Upper

83 100

85 62.3 50.6 76.0

127 9.5 8.4 12.6



#48

Methyl methacrylate

Concen: 19.367 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

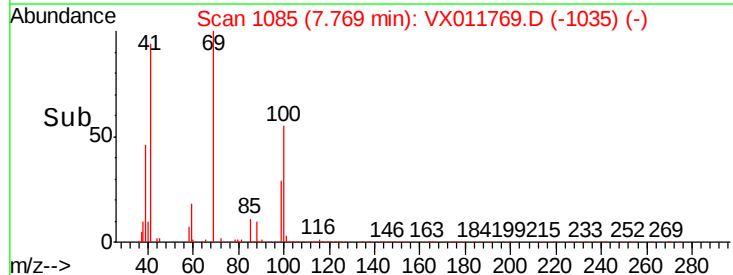
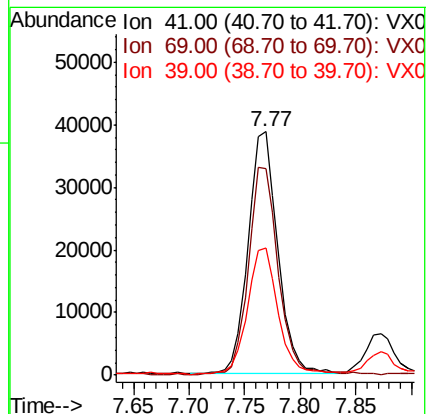
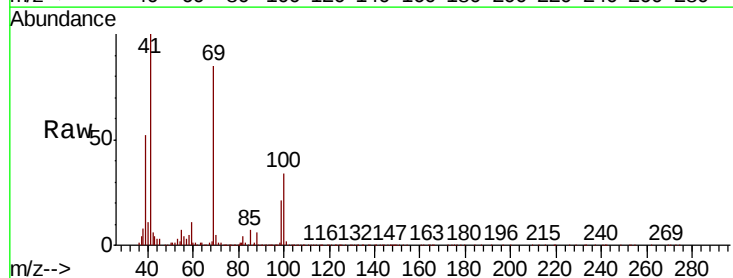
Tgt Ion: 41 Resp: 72122

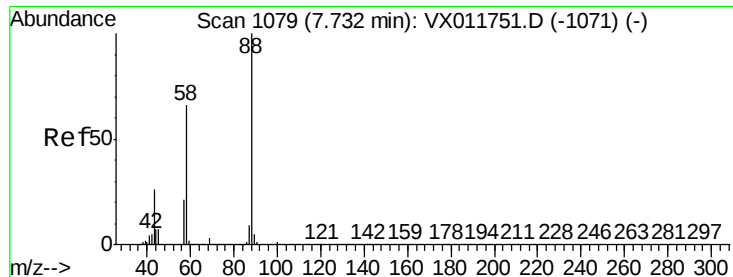
Ion Ratio Lower Upper

41 100

69 85.7 69.4 104.2

39 53.6 43.6 65.4

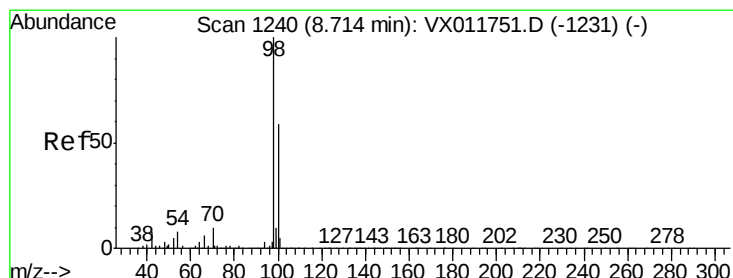
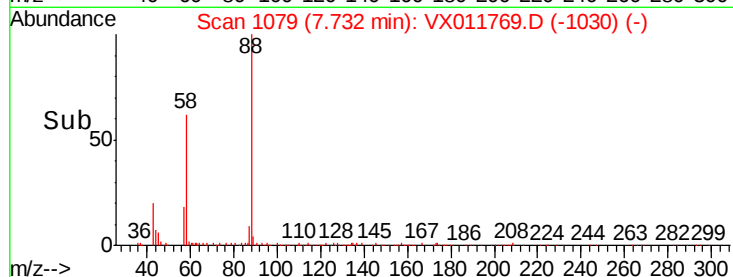
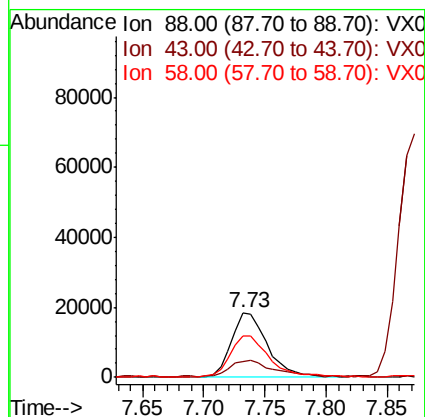
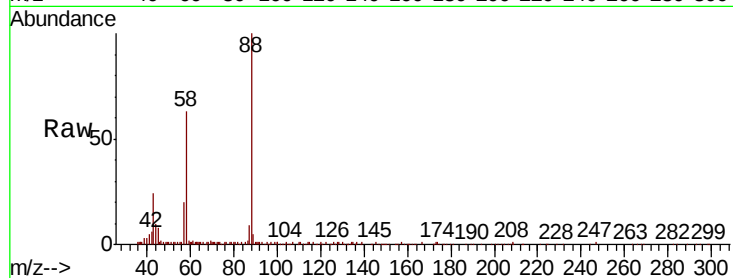




#49
1,4-Dioxane
Concen: 360.308 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

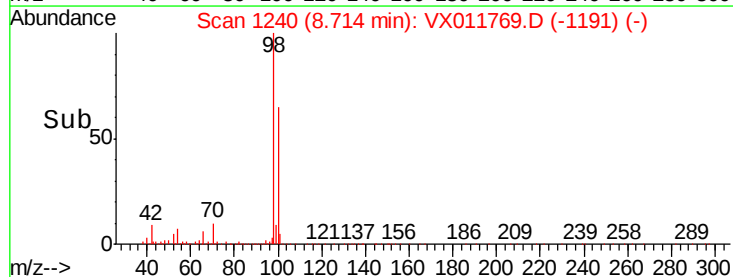
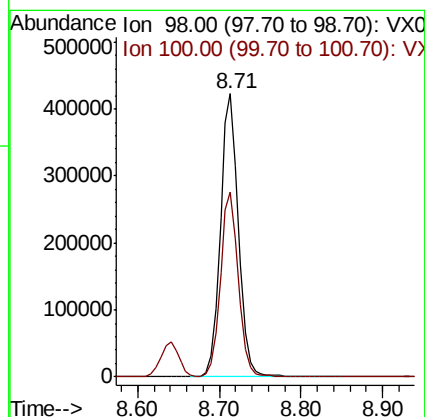
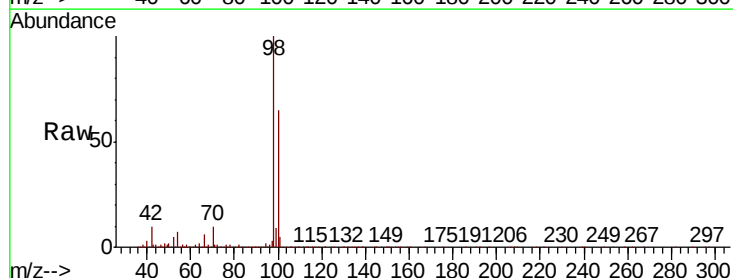
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

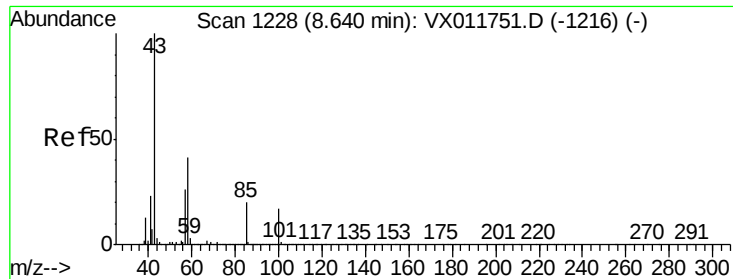
Tgt Ion: 88 Resp: 37177
Ion Ratio Lower Upper
88 100
43 28.6 24.6 37.0
58 70.3 51.4 77.2



#50
Toluene-d8
Concen: 51.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 98 Resp: 648379
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

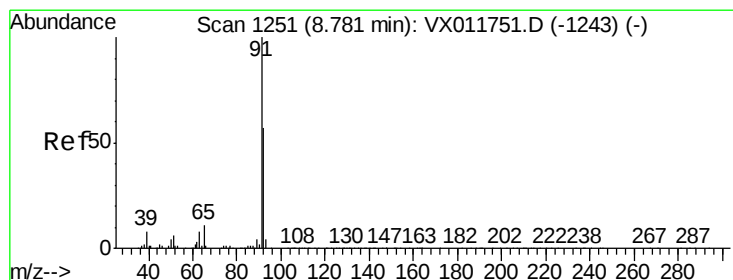
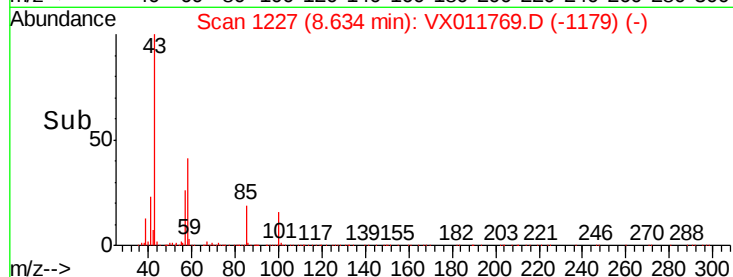
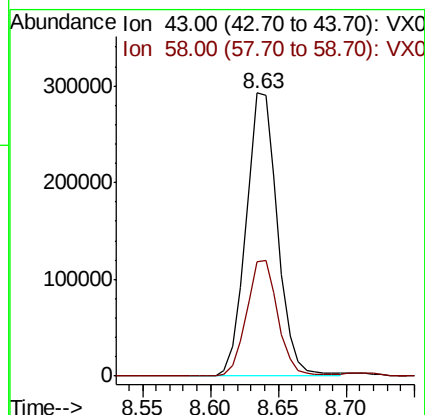
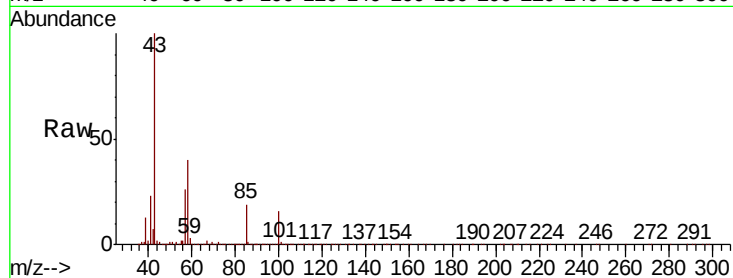




#51
 4-Methyl-2-Pentanone
 Concen: 96.083 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

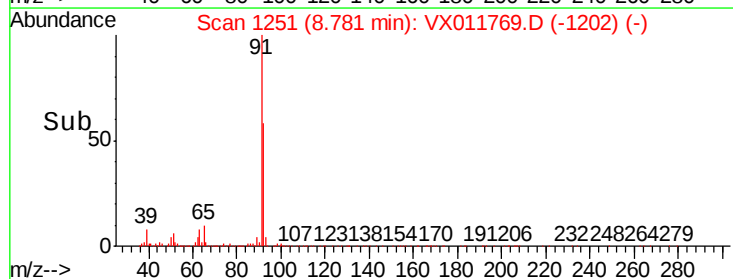
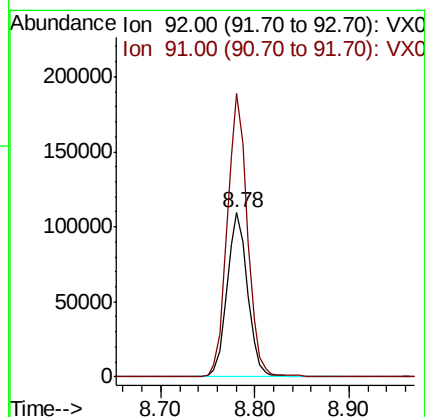
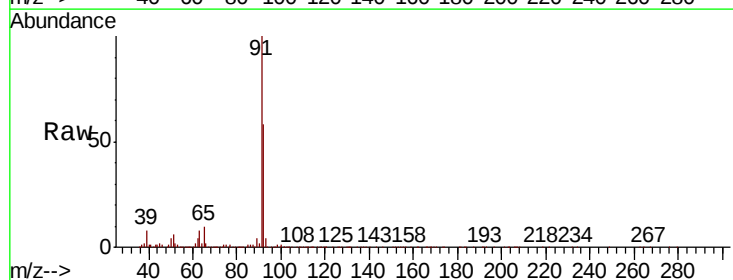
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

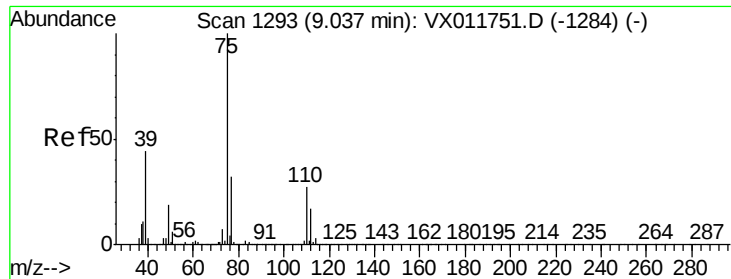
Tgt Ion: 43 Resp: 473759
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.8 47.6



#52
 Toluene
 Concen: 18.853 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 92 Resp: 164885
 Ion Ratio Lower Upper
 92 100
 91 170.1 138.6 207.8

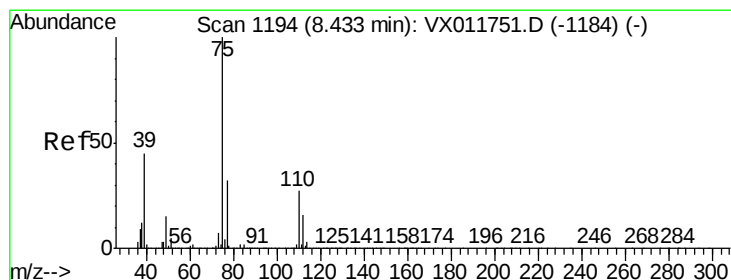
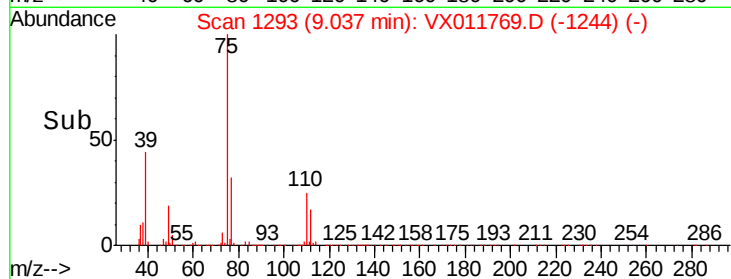
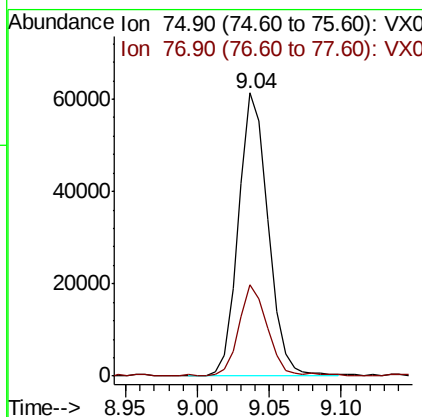
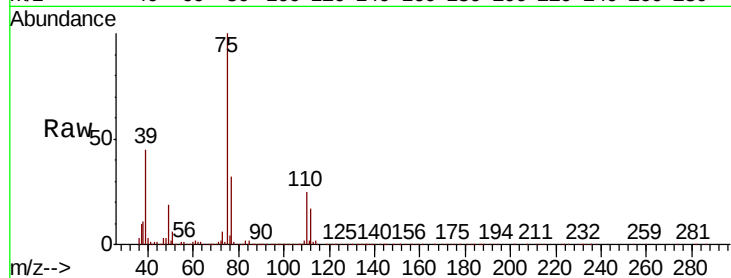




#53
 t-1,3-Dichloropropene
 Concen: 18.494 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

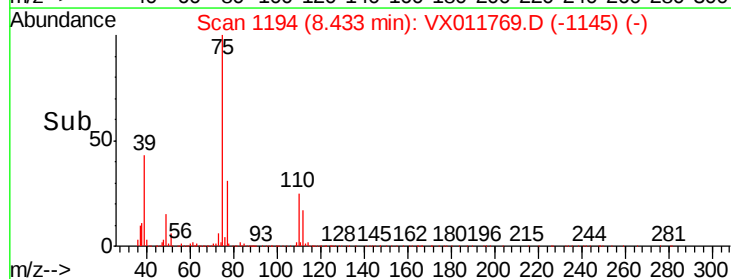
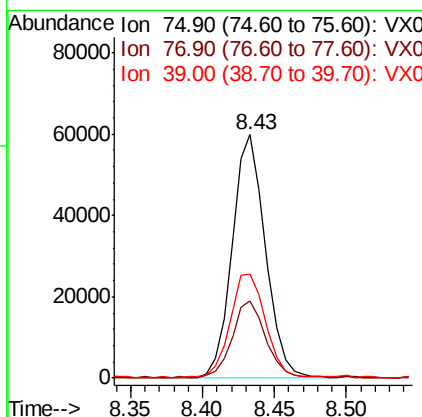
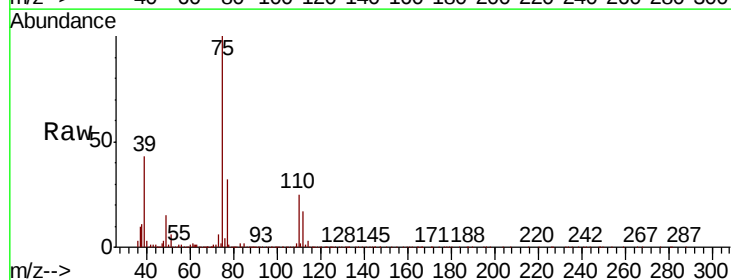
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

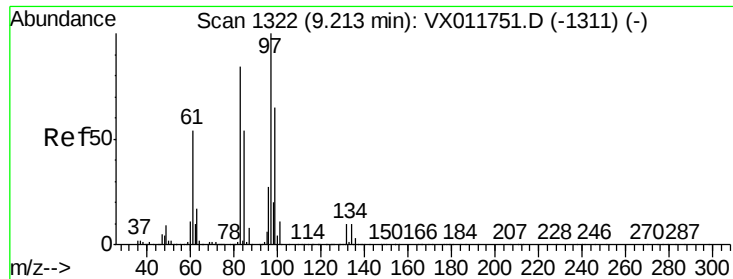
Tgt Ion: 75 Resp: 87529
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.496 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 75 Resp: 95499
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 42.3 36.2 54.4

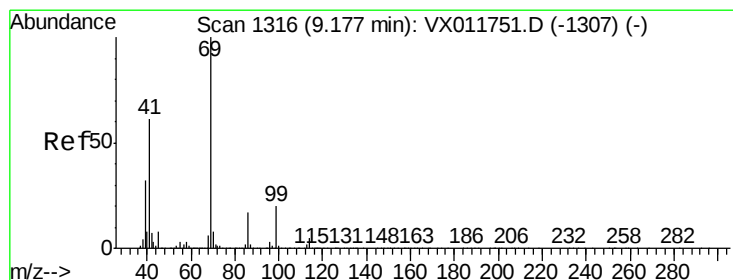
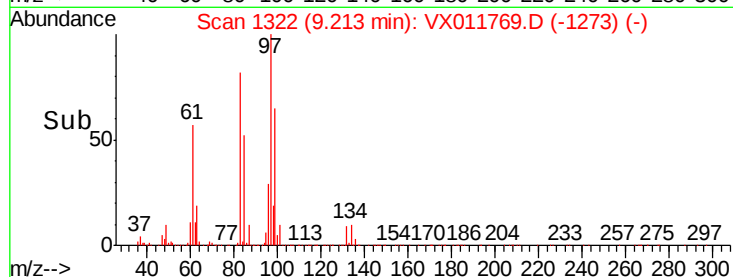
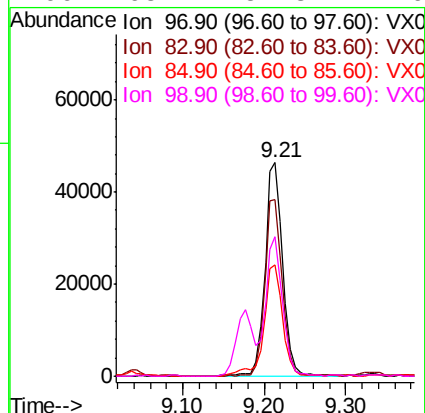
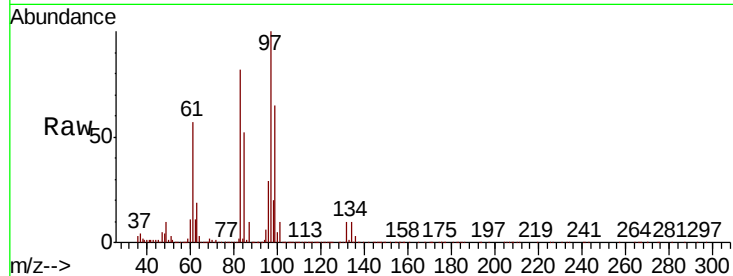




#55
 1,1,2-Trichloroethane
 Concen: 19.307 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

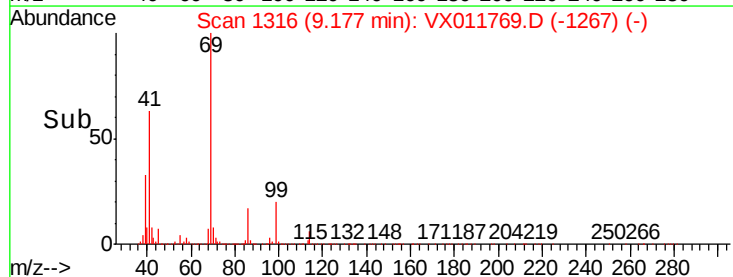
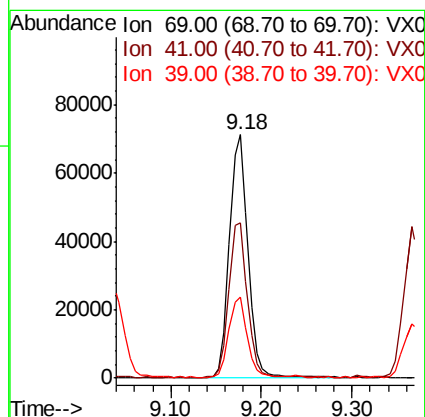
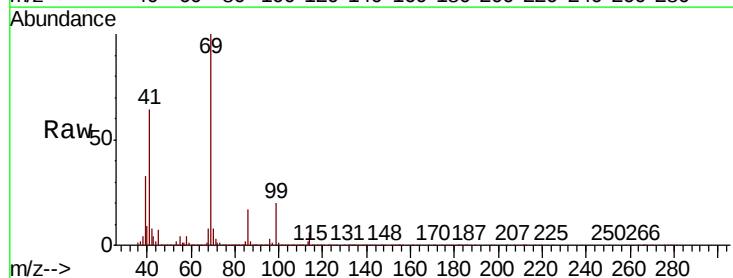
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

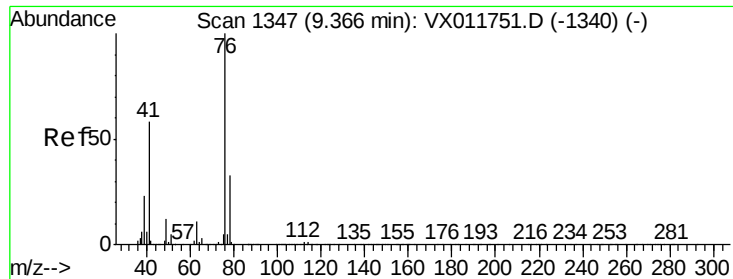
Tgt Ion:	97	Resp:	70348
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.3	100.9
85	51.9	43.4	65.2
99	65.2	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 19.618 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion:	69	Resp:	101659
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	32.7	26.4	39.6

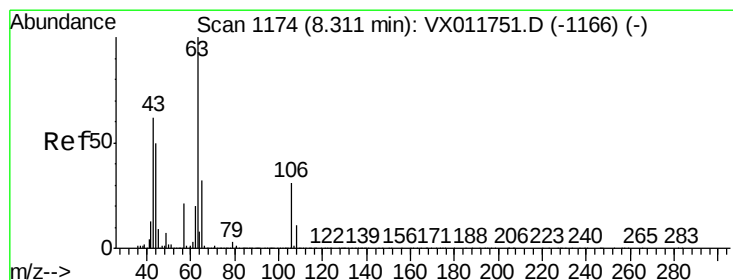
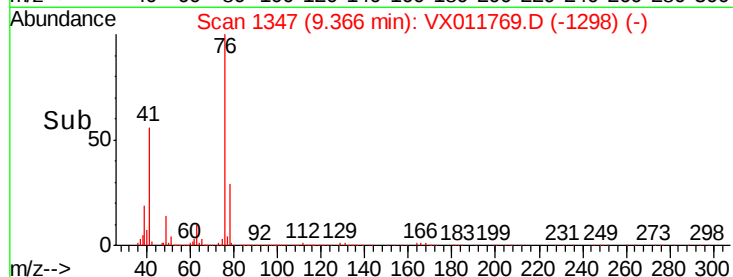
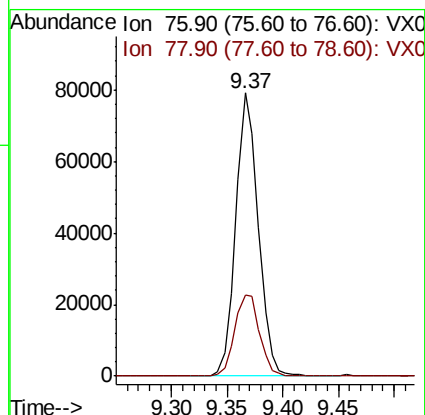
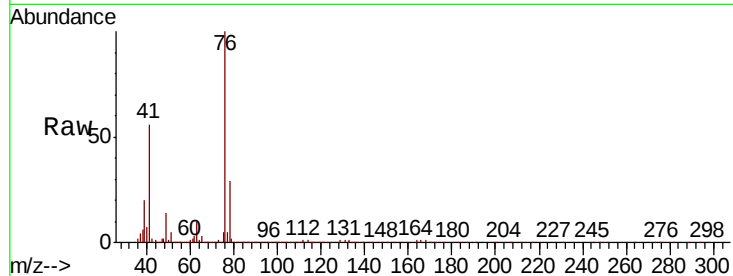




#57
 1,3-Dichloropropane
 Concen: 18.701 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

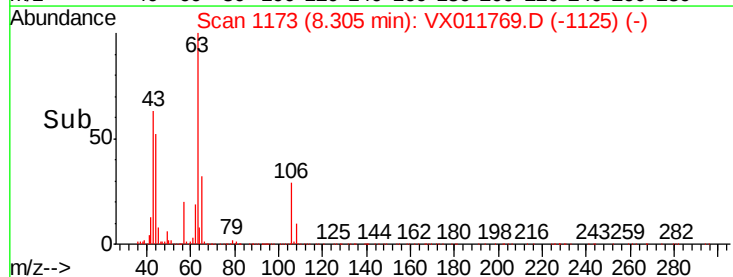
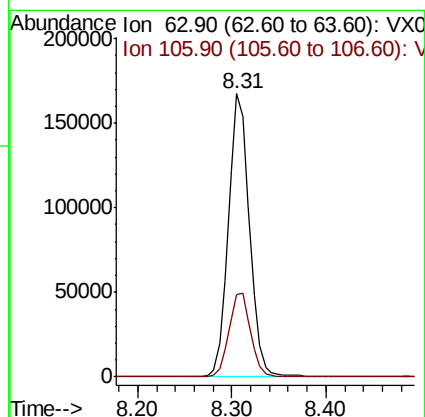
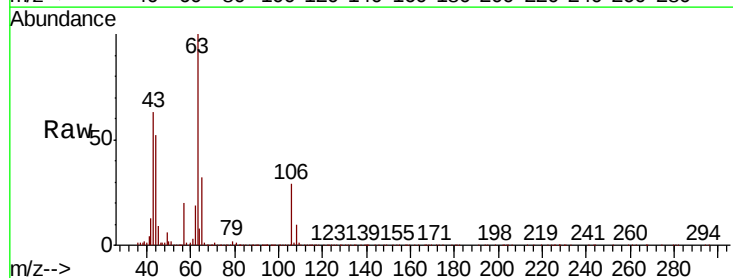
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

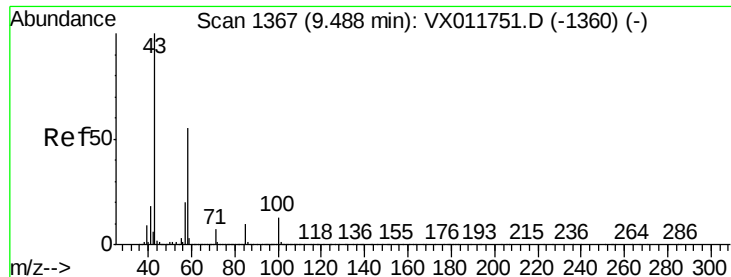
Tgt Ion: 76 Resp: 110026
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.050 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 63 Resp: 259096
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.9 37.3

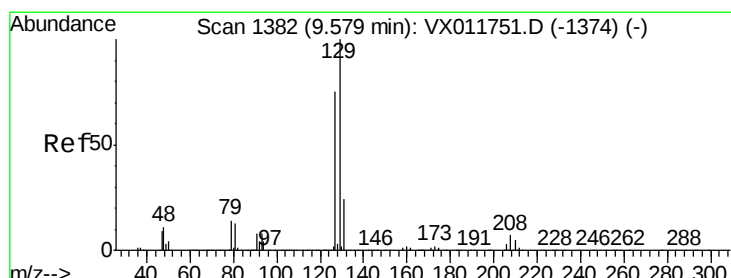
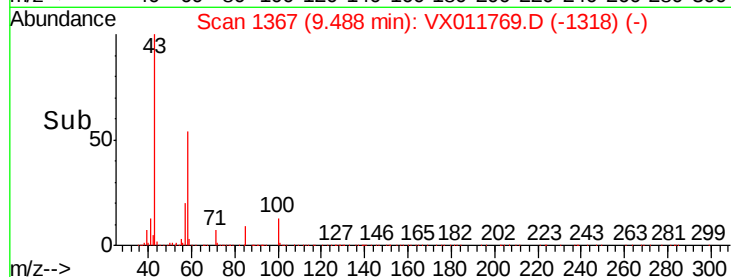
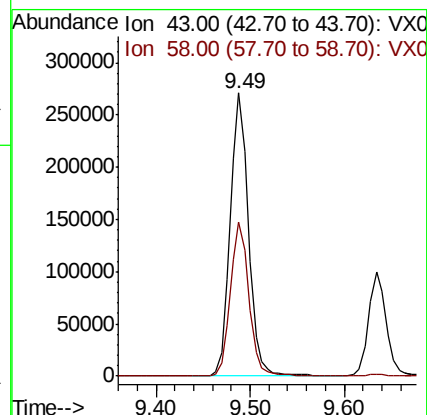
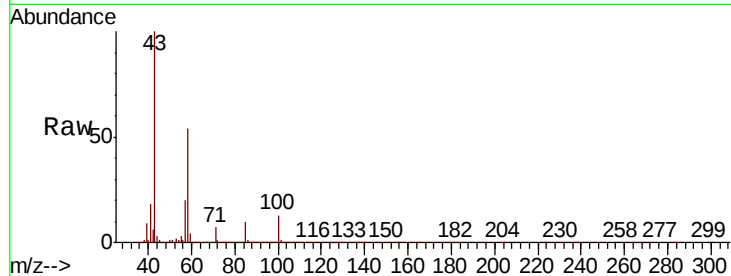




#59
2-Hexanone
Concen: 96.301 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

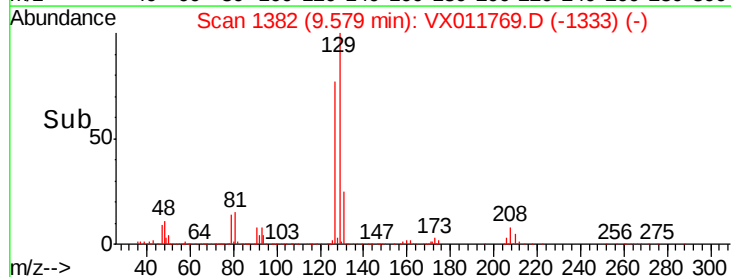
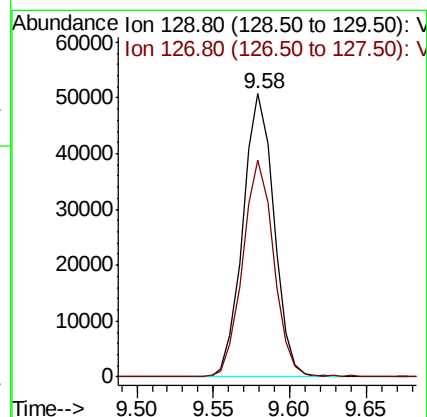
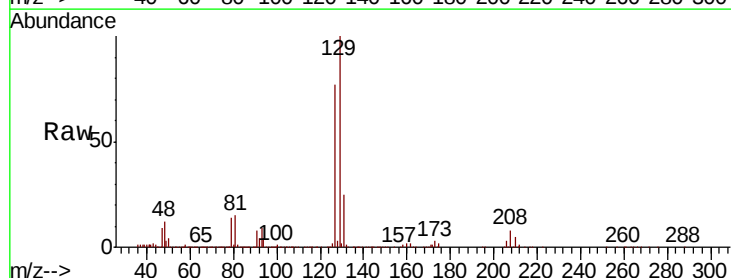
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

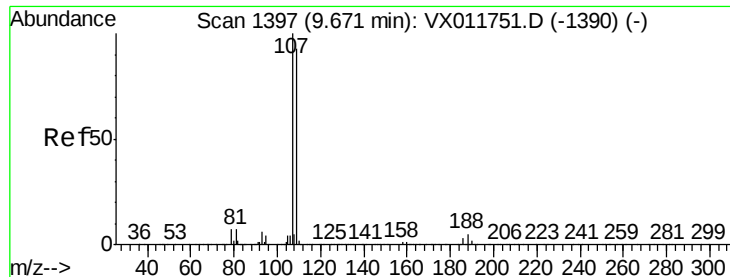
Tgt Ion: 43 Resp: 364448
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 18.104 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 129 Resp: 71320
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

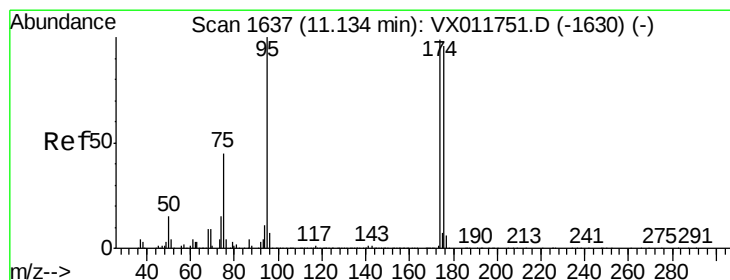
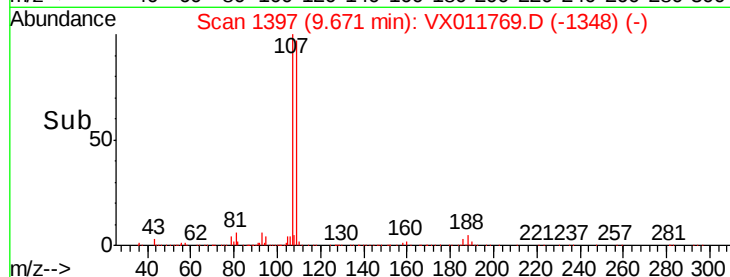
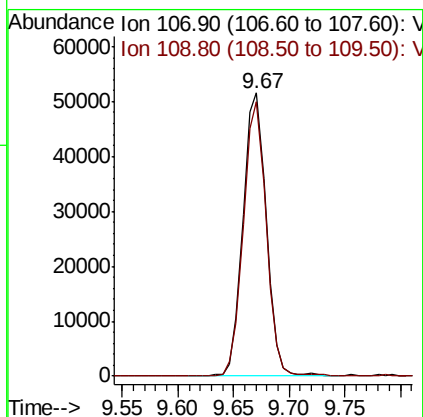
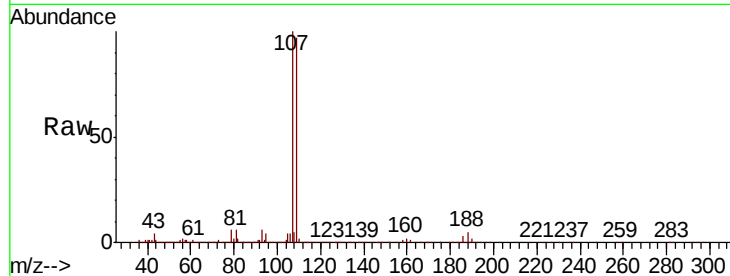




#61
 1,2-Dibromoethane
 Concen: 19.208 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

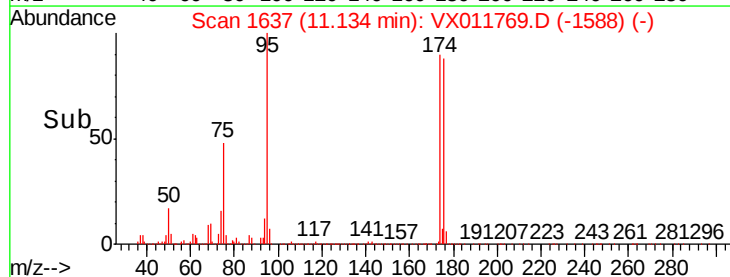
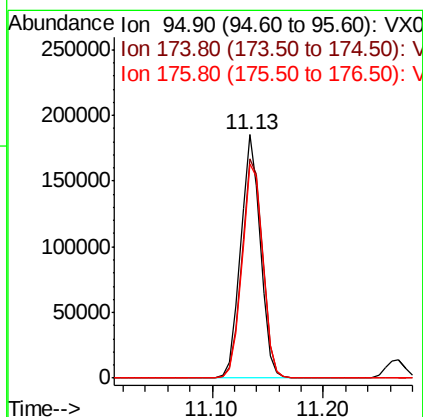
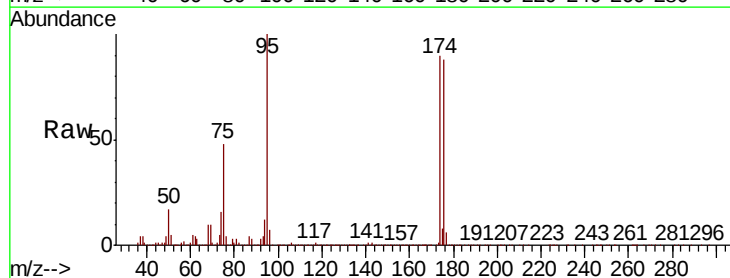
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

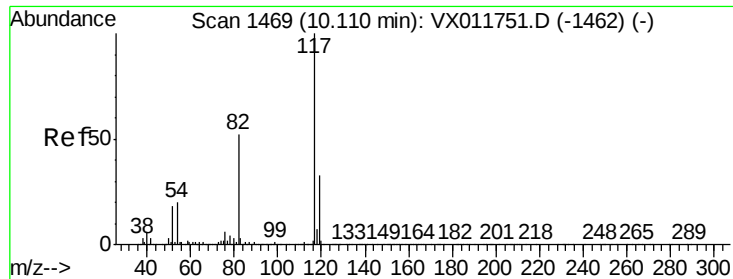
Tgt Ion: 107 Resp: 75096
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 45.502 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 95 Resp: 226000
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 197.4
 176 93.2 0.0 194.4

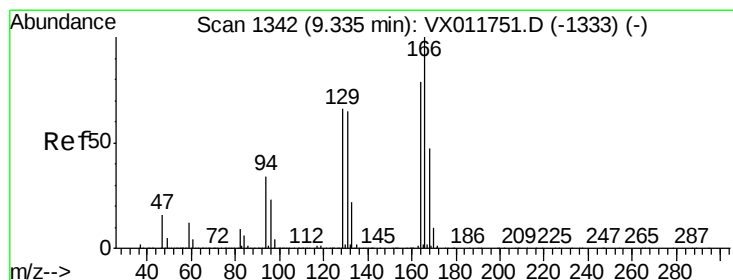
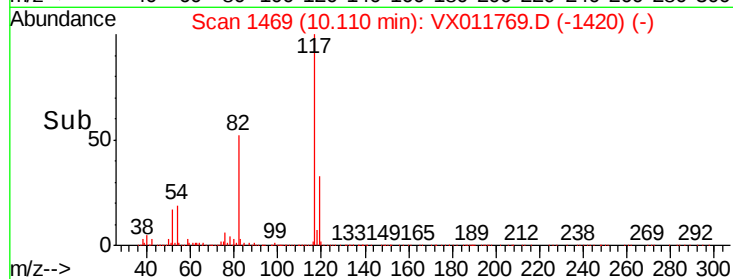
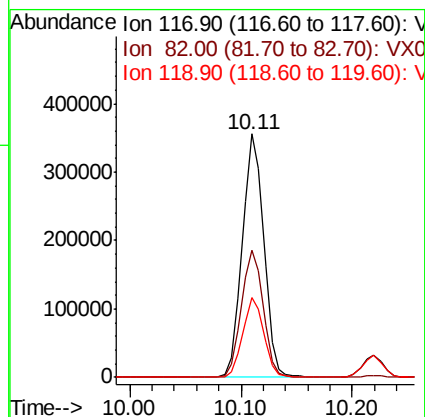
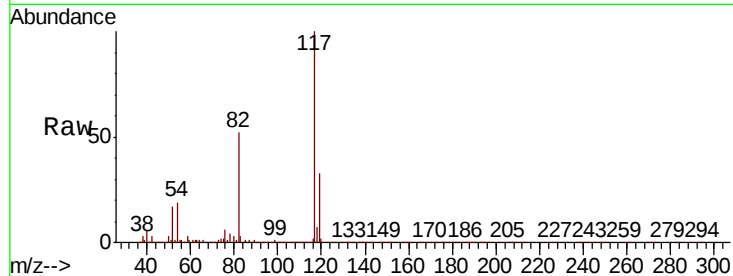




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

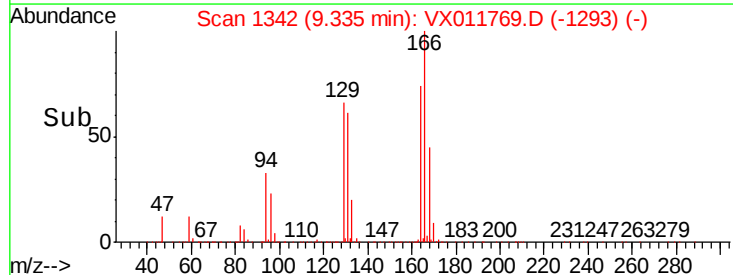
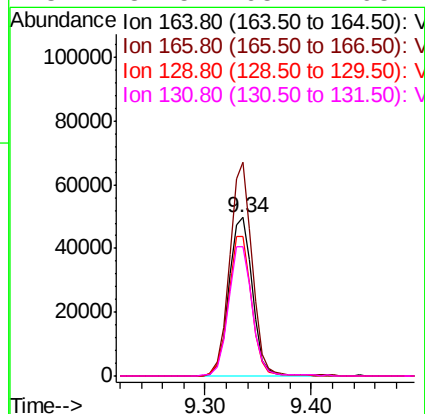
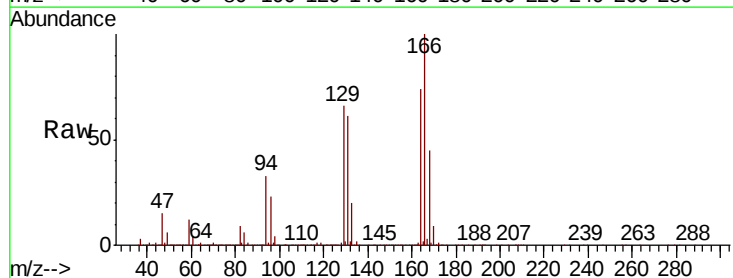
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

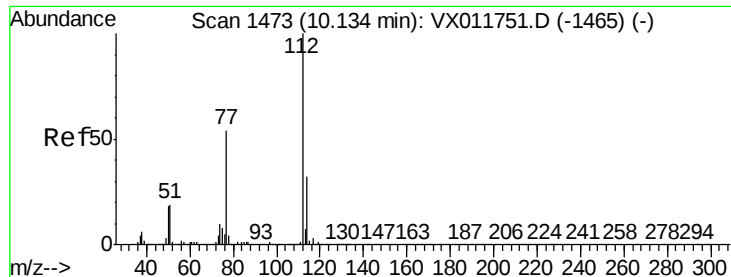
Tgt Ion:117 Resp: 476369
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 32.9 26.2 39.2



#64
Tetrachloroethene
Concen: 20.217 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion:164 Resp: 76832
Ion Ratio Lower Upper
164 100
166 135.0 100.7 151.1
129 88.3 66.8 100.2
131 81.5 65.4 98.2

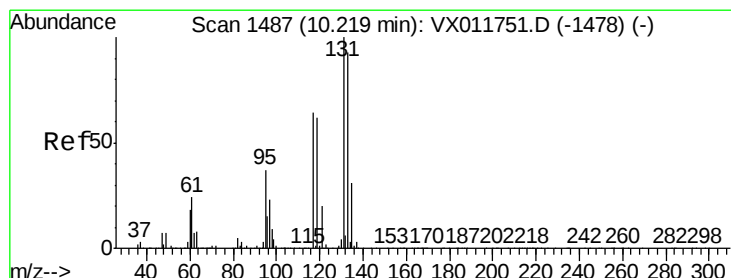
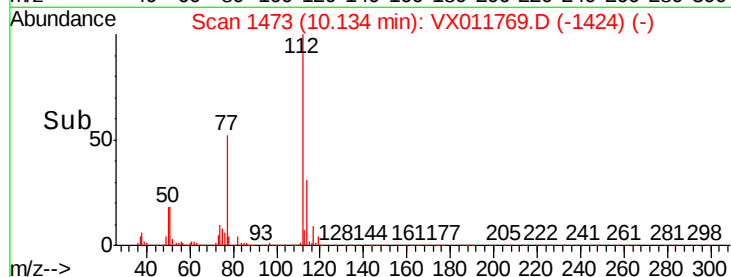
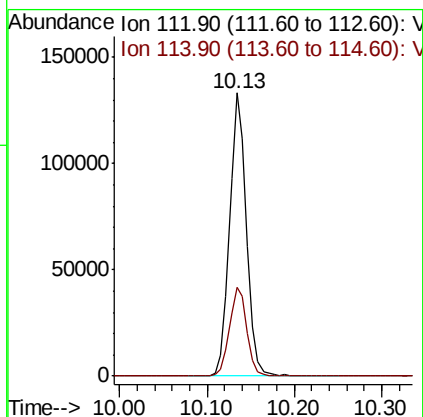
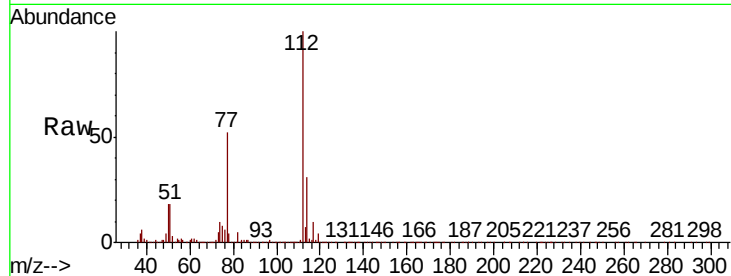




#65
Chlorobenzene
Concen: 19.136 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

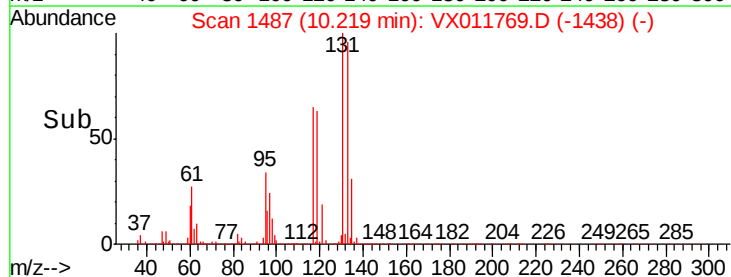
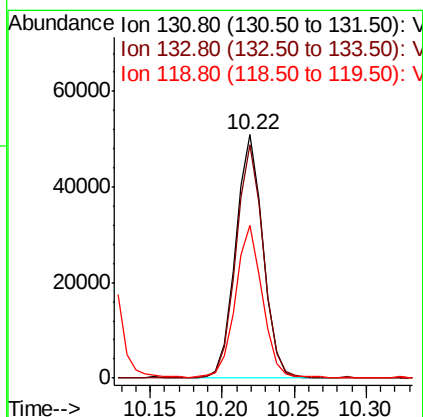
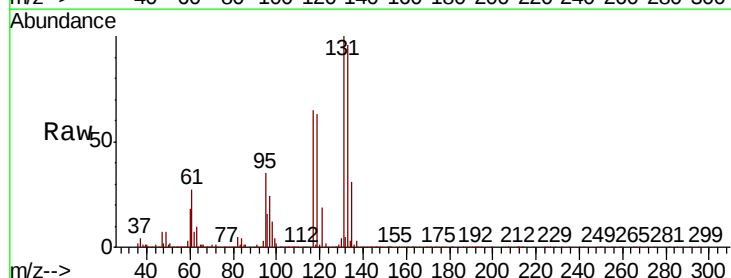
Instrument :
MSVOA_X
ClientSampled :
VX0822WBSD01

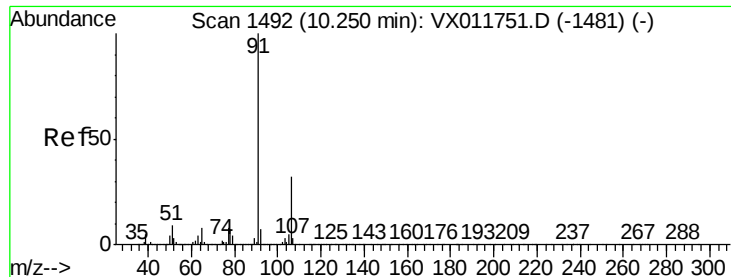
Tgt Ion:112 Resp: 177976
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.266 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion:131 Resp: 67135
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 62.5 31.3 93.8





#67

Ethyl Benzene

Concen: 19.363 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

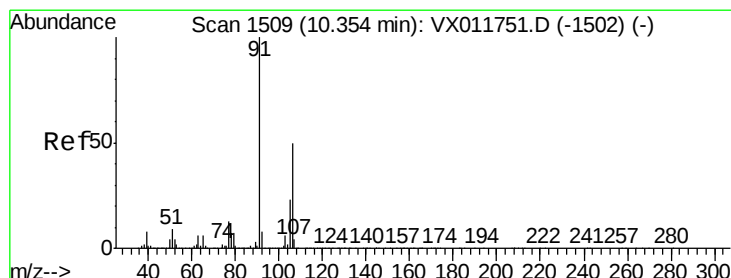
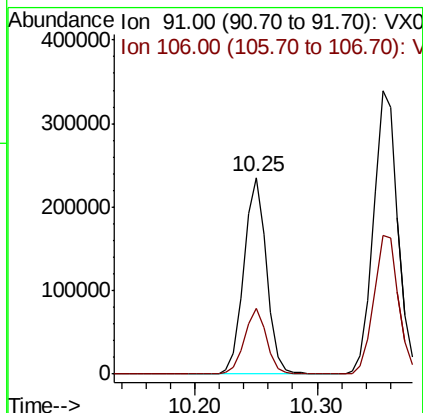
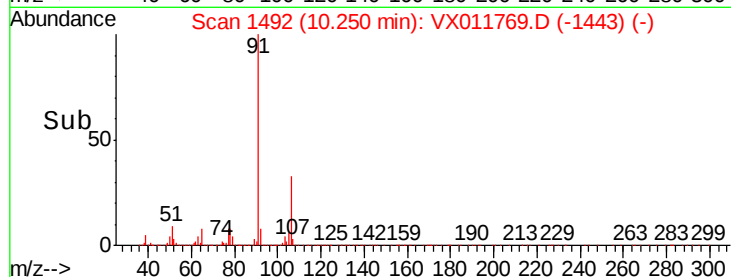
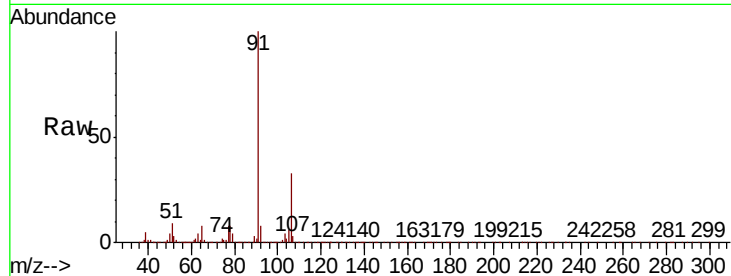
VX0822WBSD01

Tgt Ion: 91 Resp: 300940

Ion Ratio Lower Upper

91 100

106 33.1 25.5 38.3



#68

m/p-Xylenes

Concen: 38.974 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011769.D

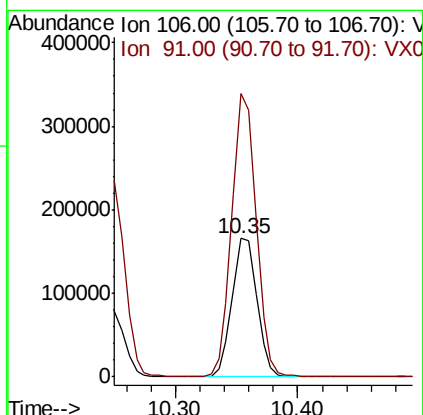
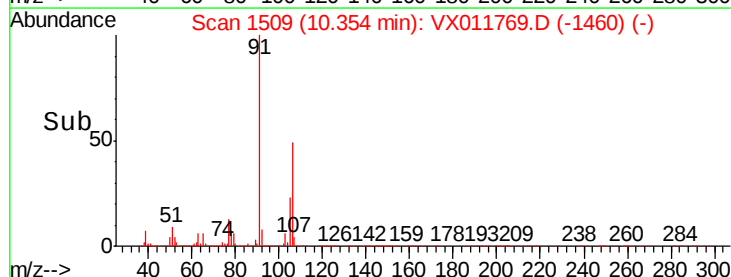
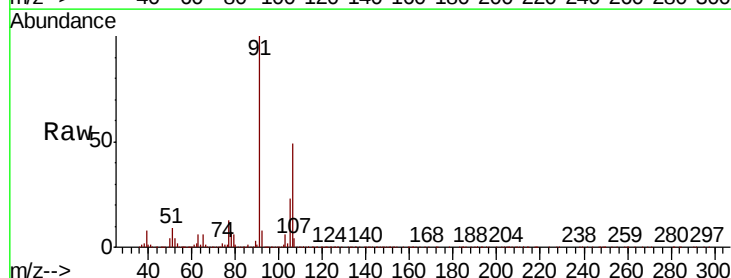
Acq: 22 Aug 2019 18:06

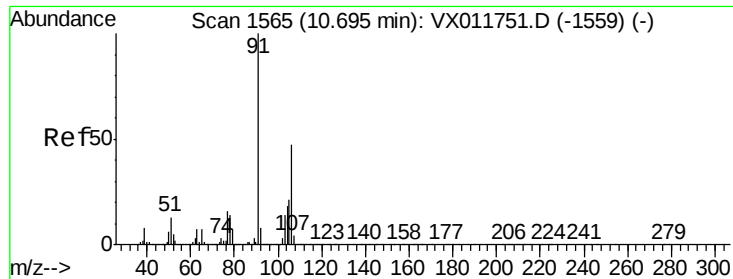
Tgt Ion: 106 Resp: 233558

Ion Ratio Lower Upper

106 100

91 200.0 158.3 237.5

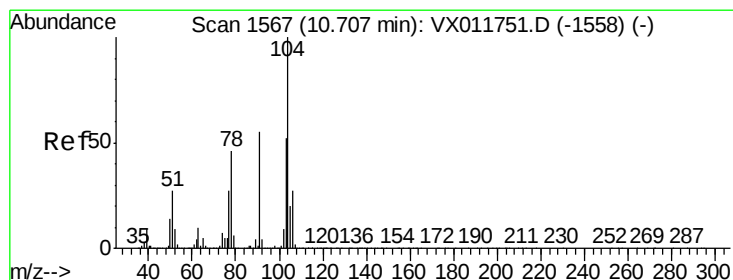
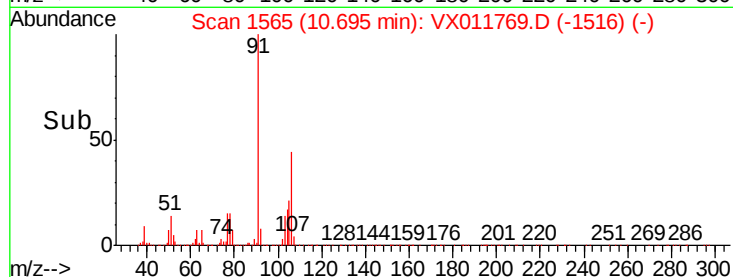
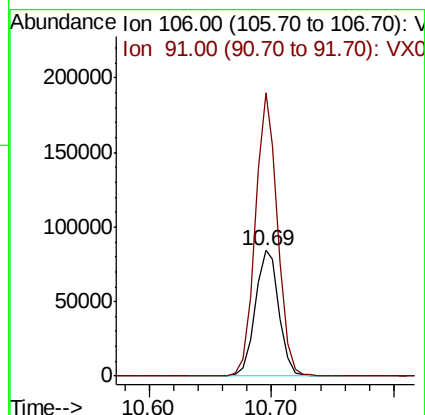
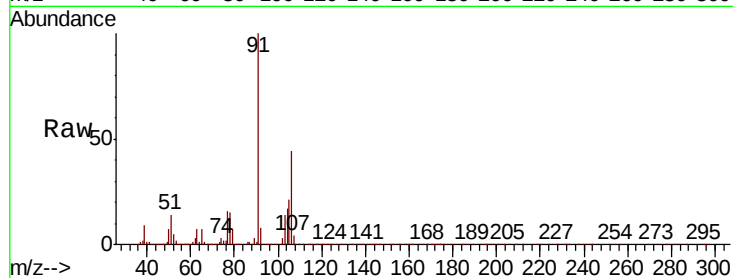




#69
o-Xylene
Concen: 19.288 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

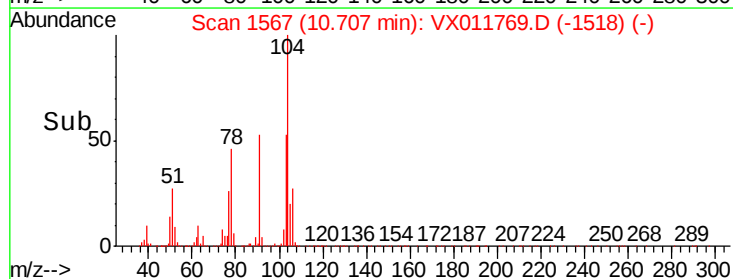
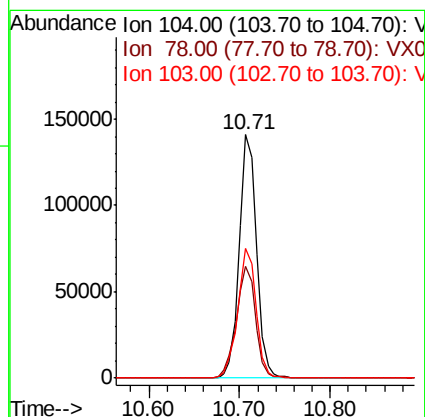
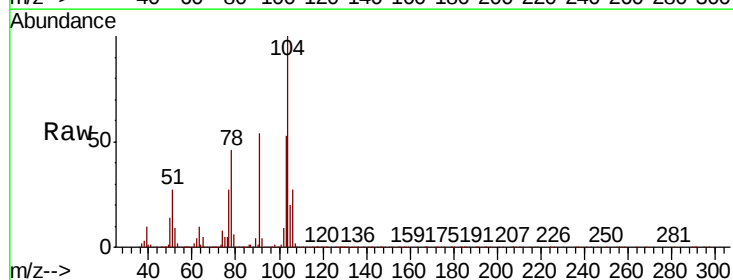
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

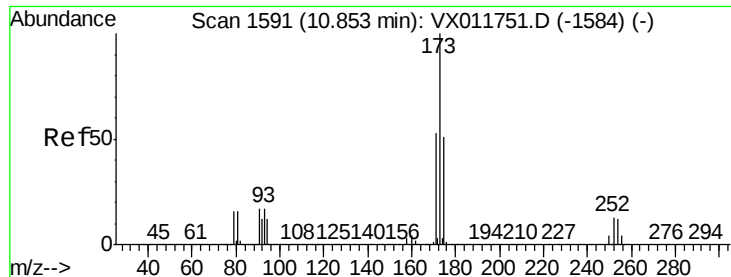
Tgt Ion:106 Resp: 113485
Ion Ratio Lower Upper
106 100
91 210.8 105.0 314.9



#70
Styrene
Concen: 19.075 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion:104 Resp: 187753
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 56.3 44.5 66.7





#71

Bromoform

Concen: 17.477 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

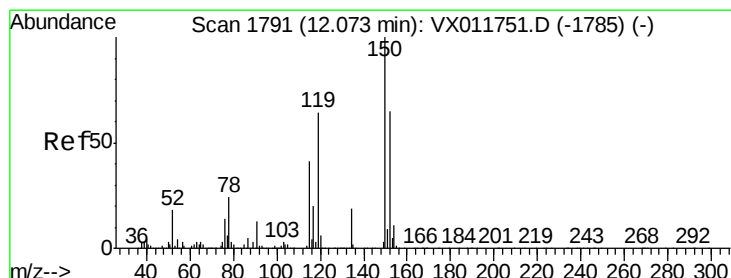
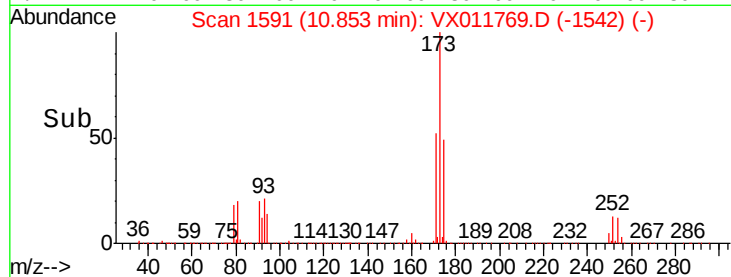
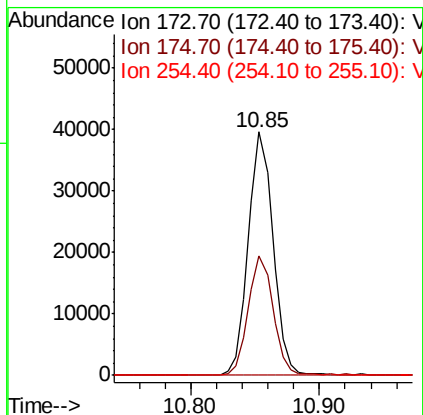
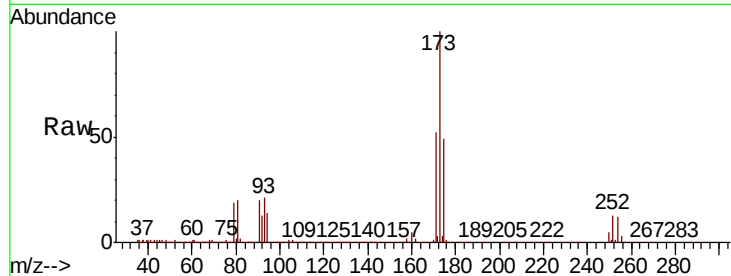
Tgt Ion:173 Resp: 52535

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.5 0.2 0.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

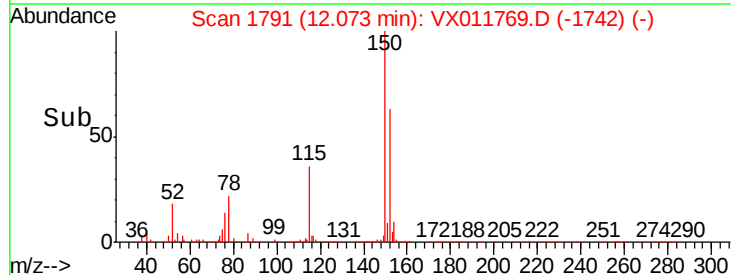
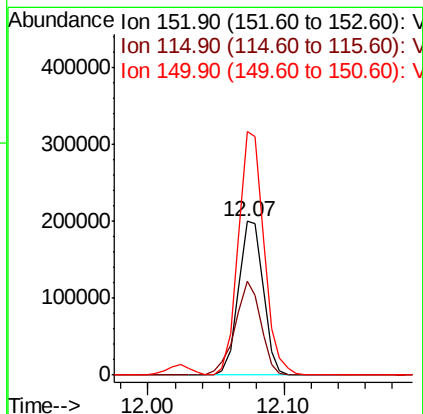
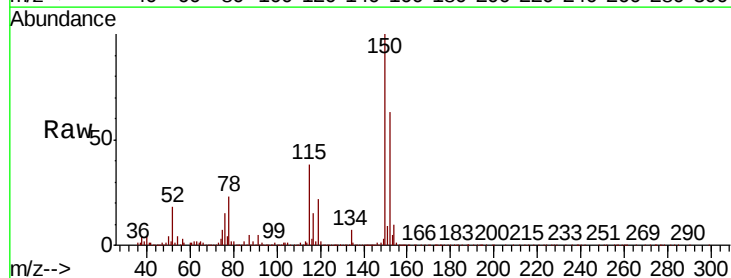
Tgt Ion:152 Resp: 252206

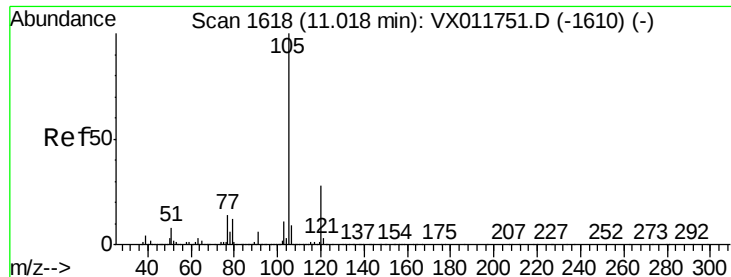
Ion Ratio Lower Upper

152 100

115 63.4 37.3 111.8

150 163.8 0.0 343.0





#73

Isopropylbenzene

Concen: 20.236 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

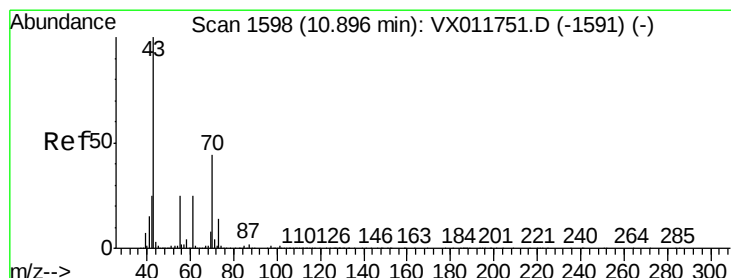
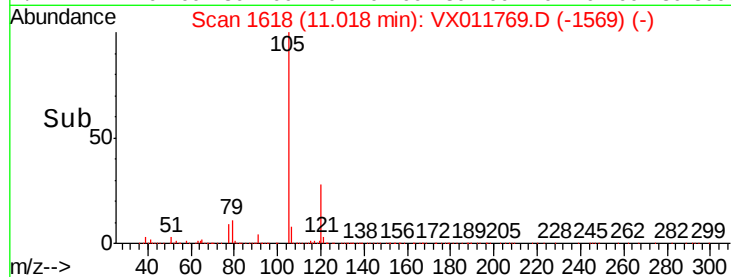
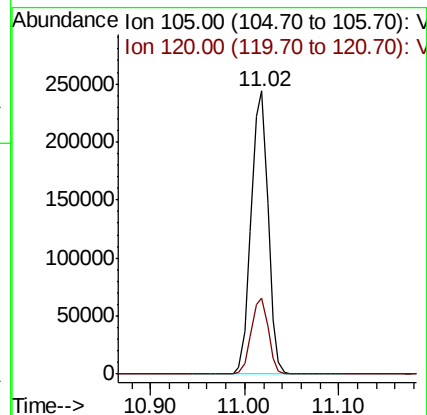
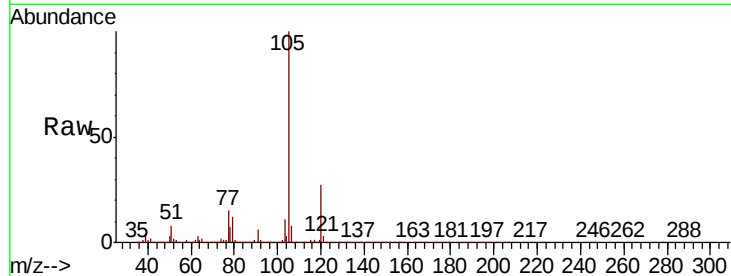
VX0822WBSD01

Tgt Ion: 105 Resp: 307558

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



#74

N-ethyl acetate

Concen: 19.758 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Tgt Ion: 43 Resp: 116259

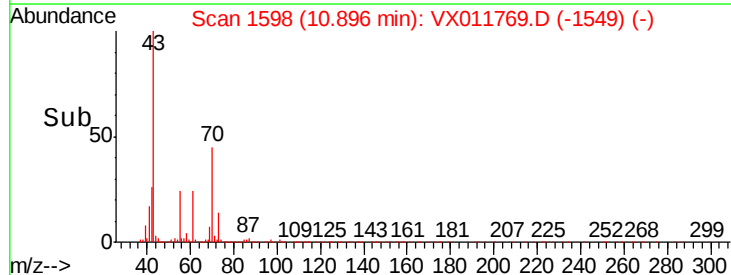
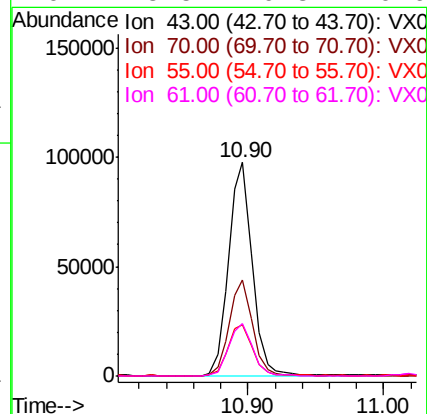
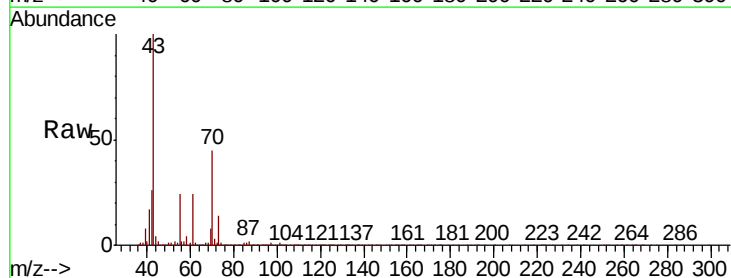
Ion Ratio Lower Upper

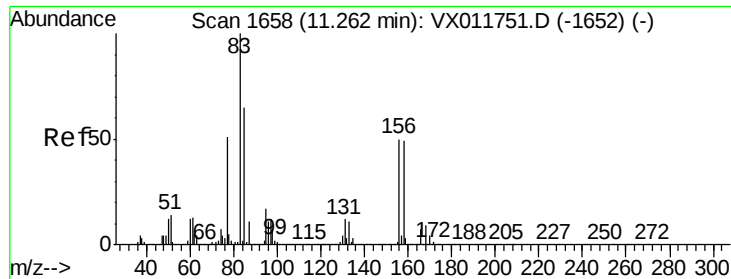
43 100

70 44.6 34.8 52.2

55 25.1 19.5 29.3

61 25.5 19.8 29.6

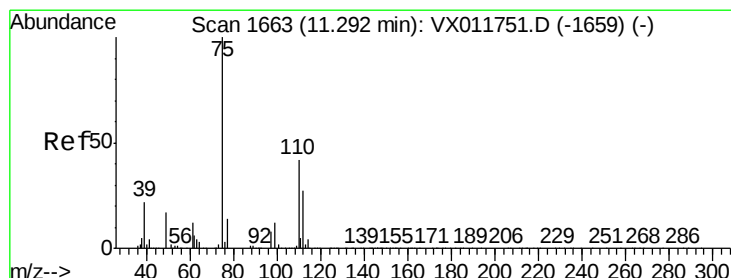
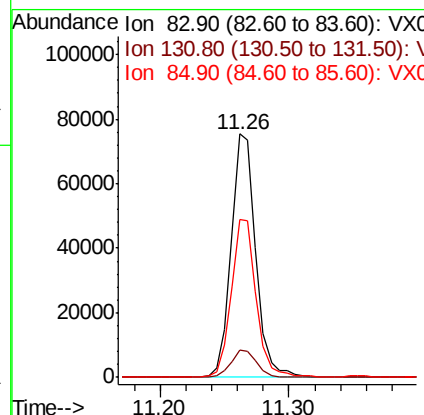
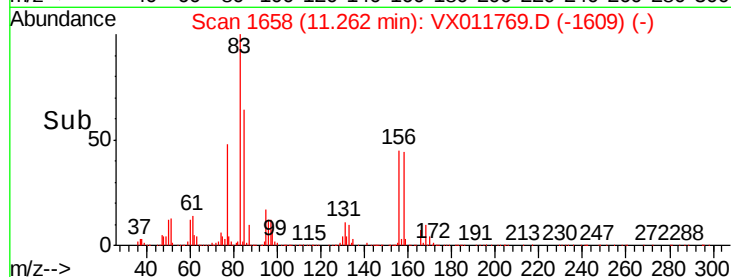
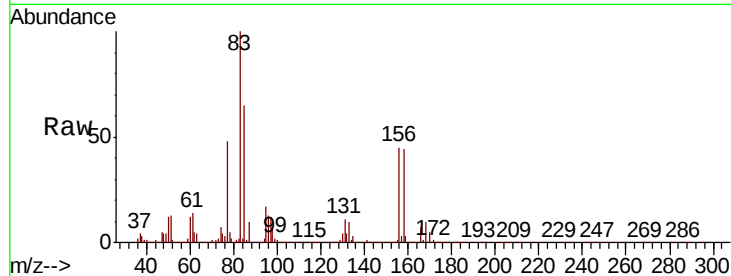




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.142 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

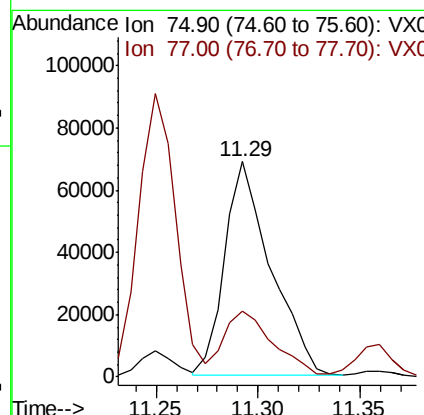
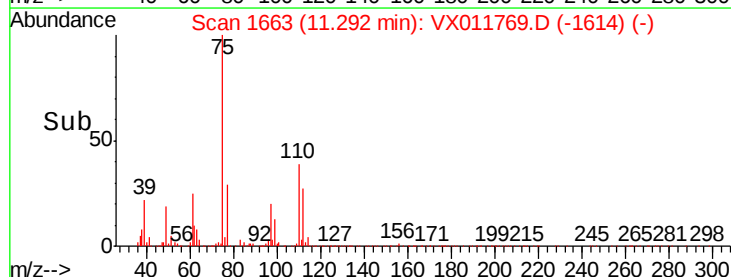
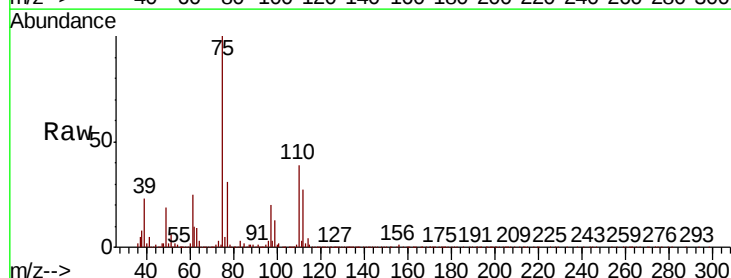
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

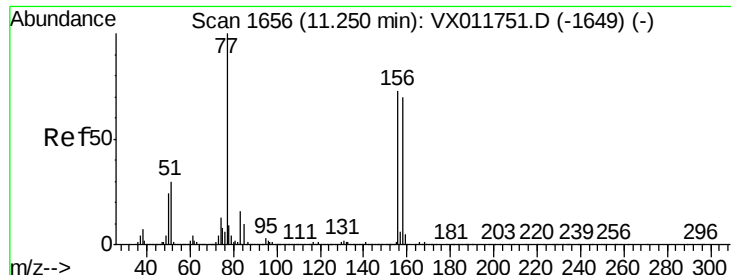
Tgt Ion: 83 Resp: 101332
 Ion Ratio Lower Upper
 83 100
 131 11.7 6.1 18.3
 85 65.5 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 24.408 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 75 Resp: 108018
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.1 63.3





#77

Bromobenzene

Concen: 19.493 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

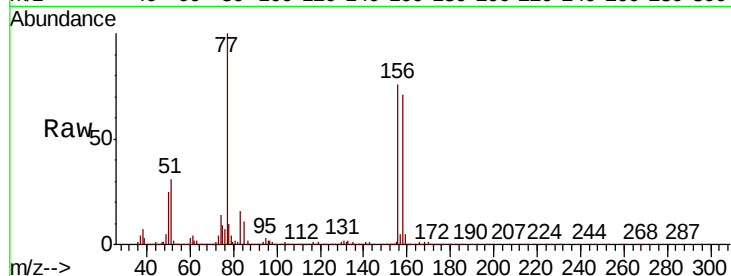
Tgt Ion:156 Resp: 87341

Ion Ratio Lower Upper

156 100

77 132.3 65.3 196.0

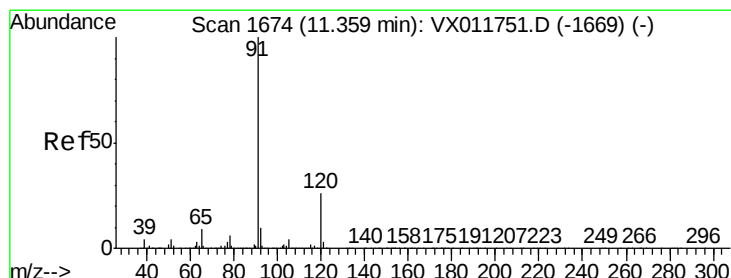
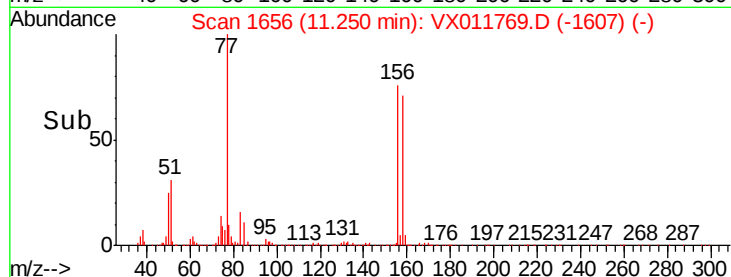
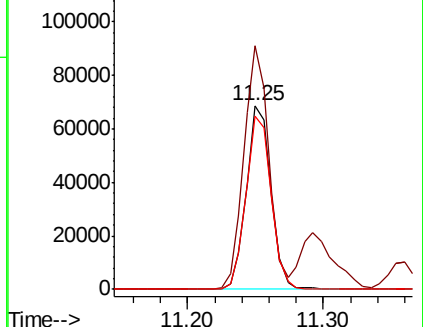
158 96.6 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.327 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011769.D

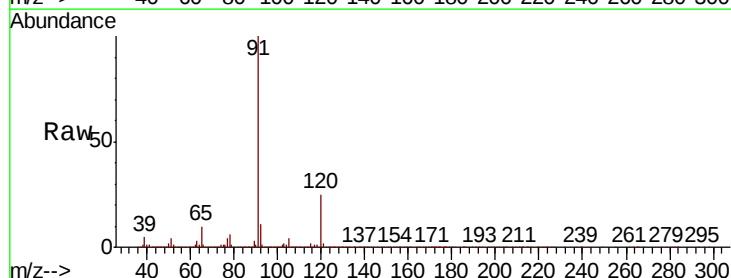
Acq: 22 Aug 2019 18:06

Tgt Ion: 91 Resp: 330344

Ion Ratio Lower Upper

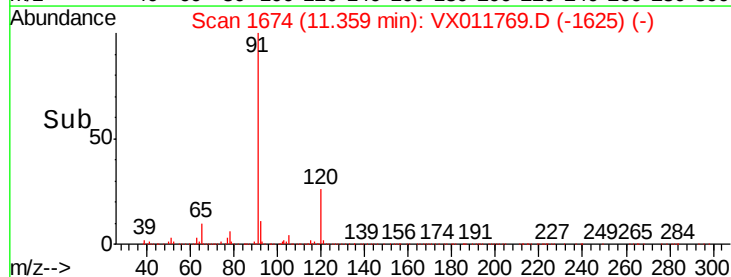
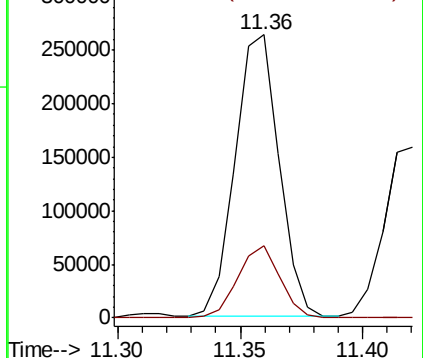
91 100

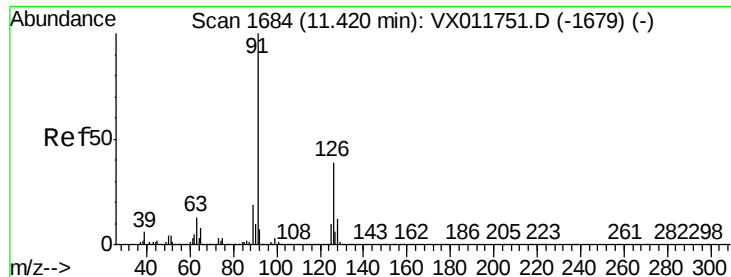
120 24.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

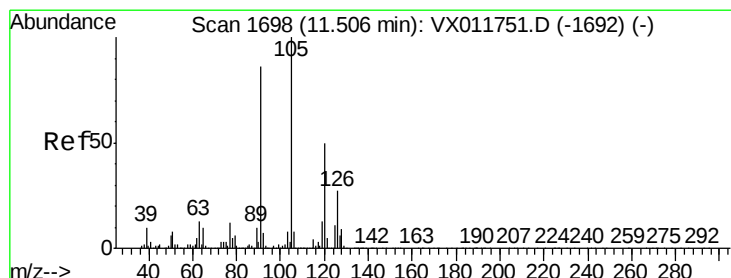
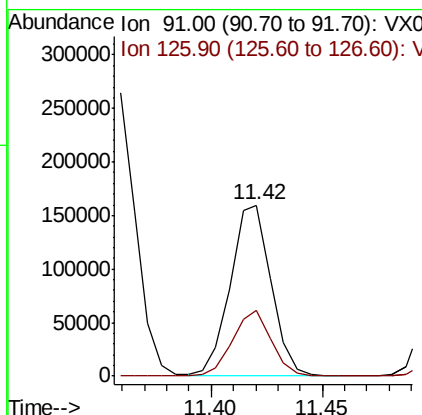
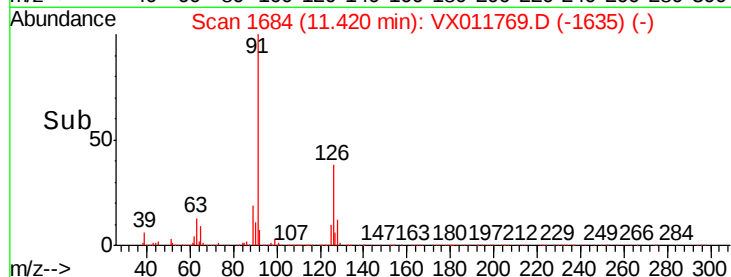
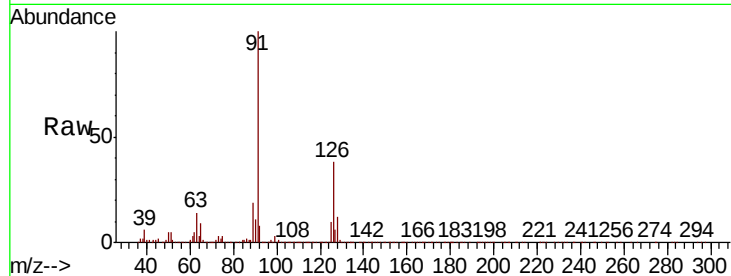




#79
 2-Chlorotoluene
 Concen: 20.082 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

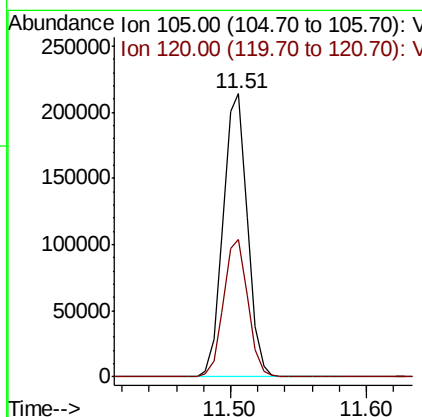
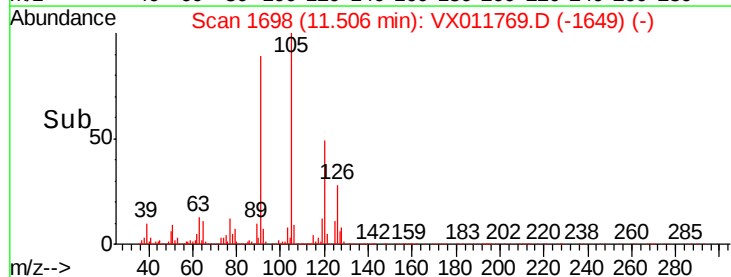
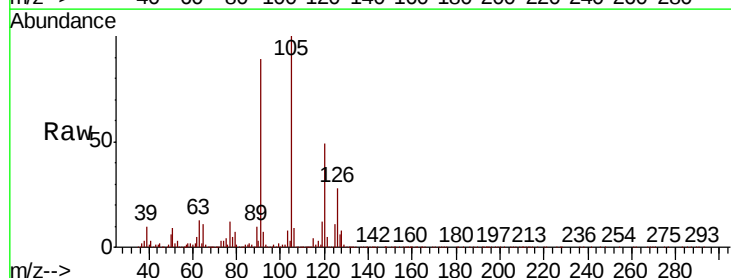
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

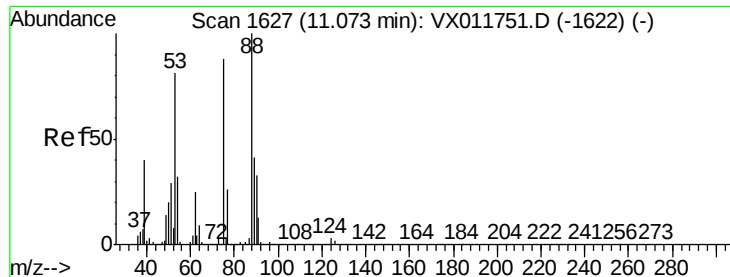
Tgt Ion: 91 Resp: 203044
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.6 55.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.829 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion: 105 Resp: 264144
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.951 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

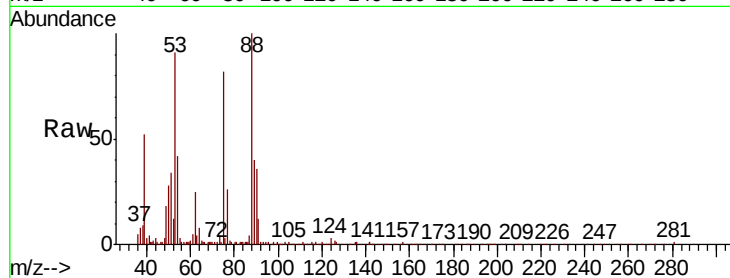
Tgt Ion: 75 Resp: 24874

Ion Ratio Lower Upper

75 100

53 111.3 77.1 115.7

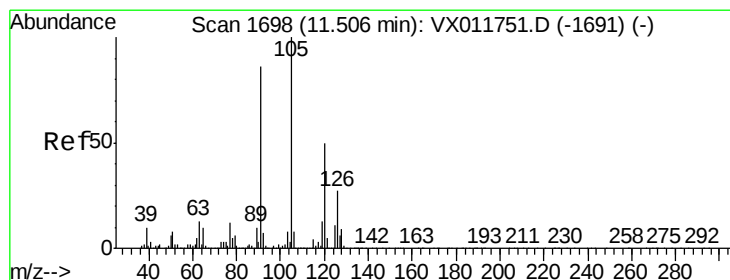
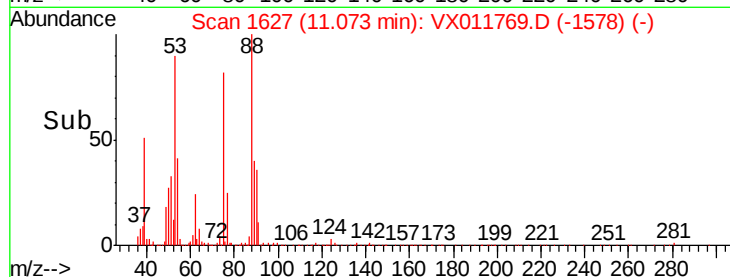
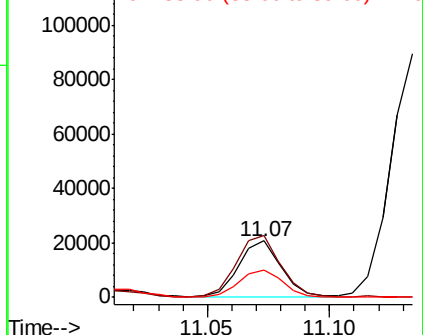
89 49.8 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.233 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011769.D

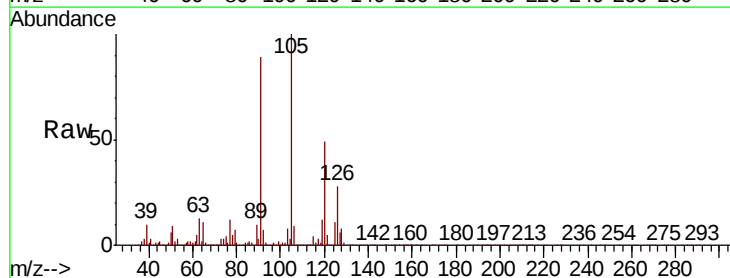
Acq: 22 Aug 2019 18:06

Tgt Ion: 91 Resp: 235809

Ion Ratio Lower Upper

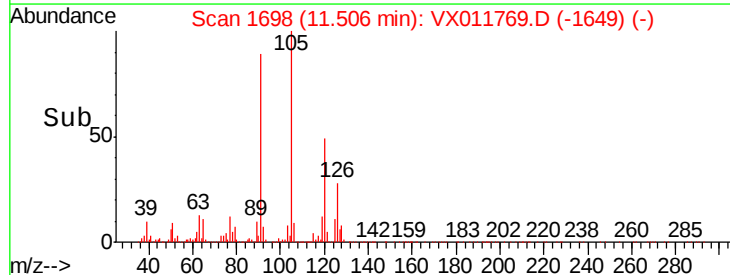
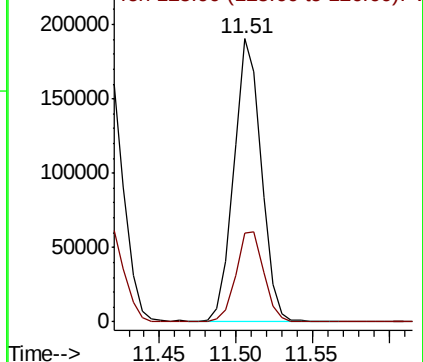
91 100

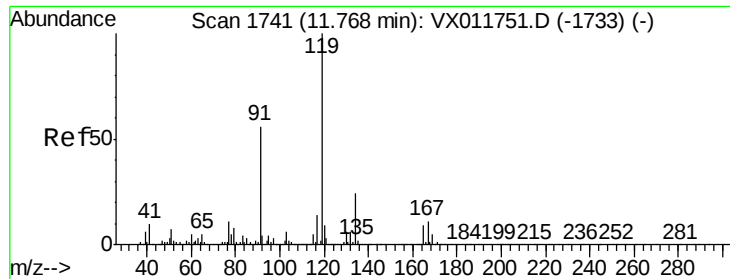
126 32.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

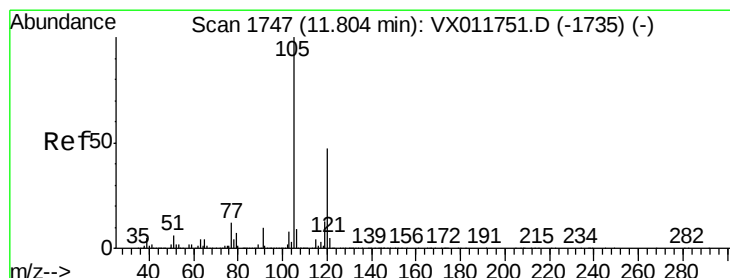
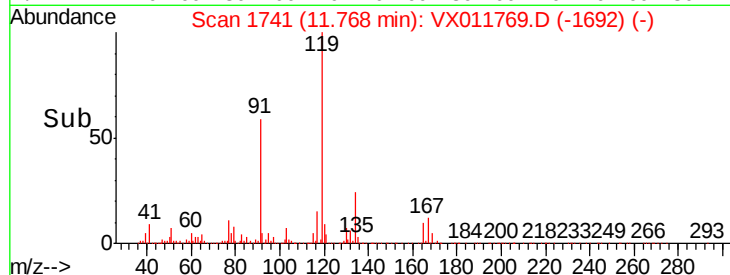
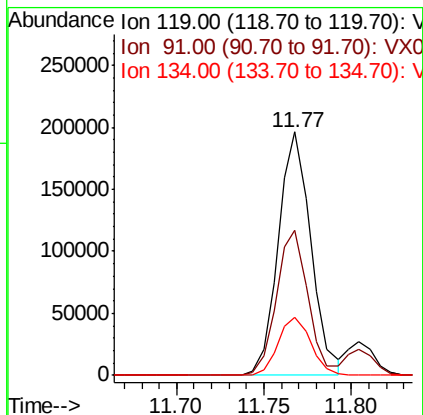
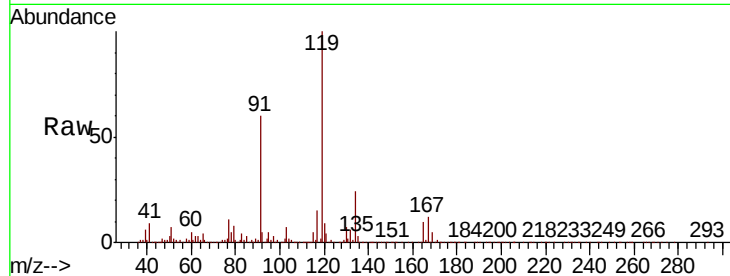




#83
 tert-Butylbenzene
 Concen: 20.422 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

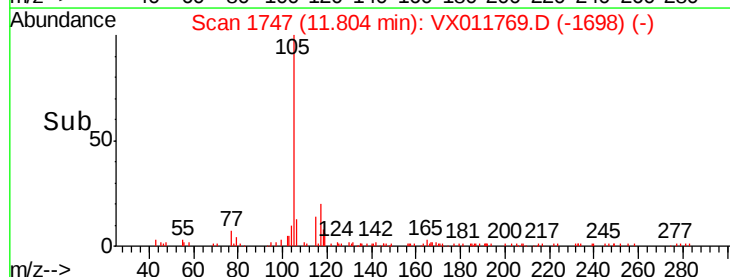
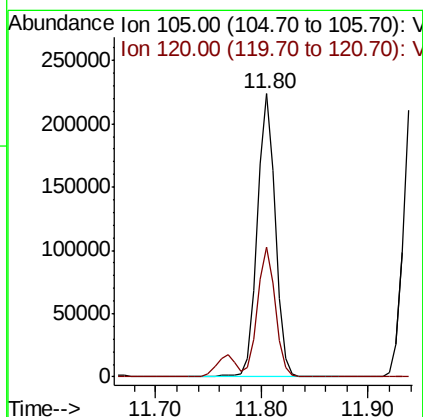
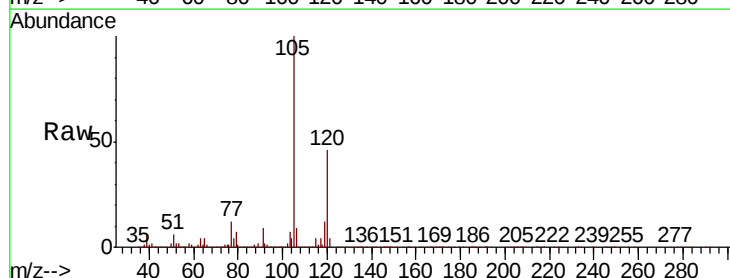
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

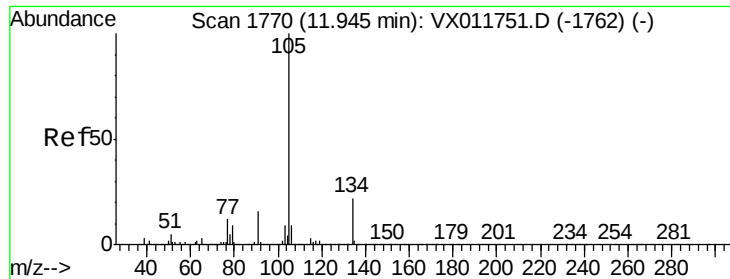
Tgt Ion:119 Resp: 255516
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.7 83.1
 134 24.2 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.732 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion:105 Resp: 265493
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.7 71.1





#85

sec-Butylbenzene

Concen: 20.698 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

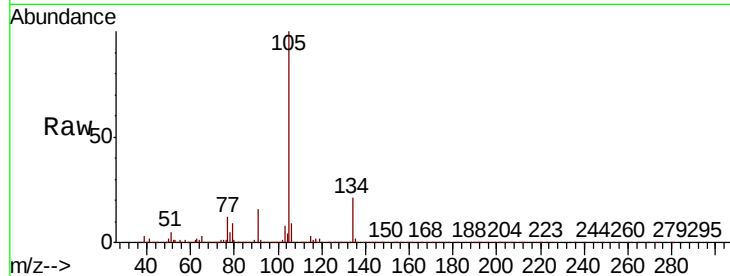
VX0822WBSD01

Tgt Ion:105 Resp: 296232

Ion Ratio Lower Upper

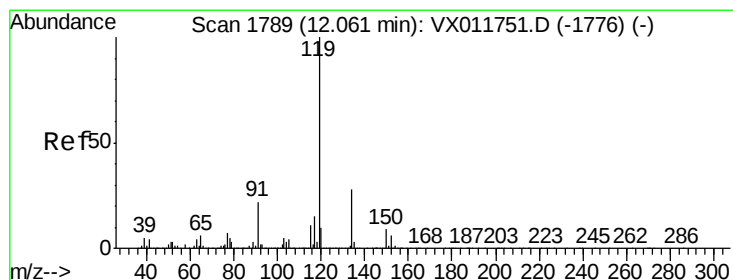
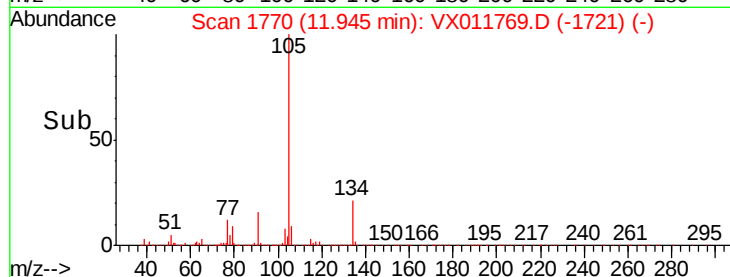
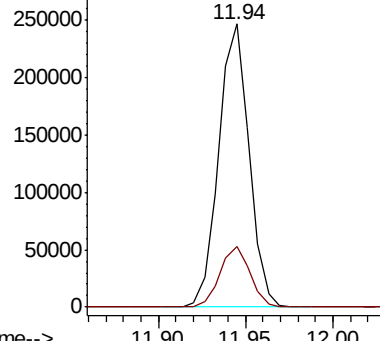
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.095 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

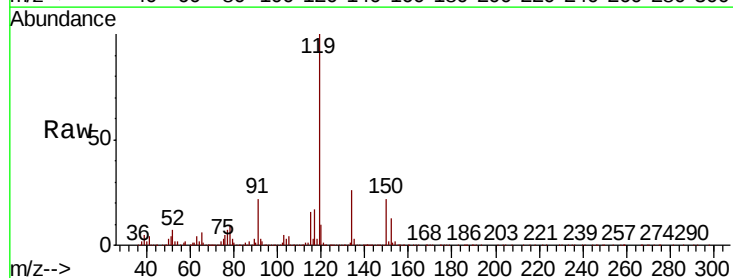
Tgt Ion:119 Resp: 276711

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

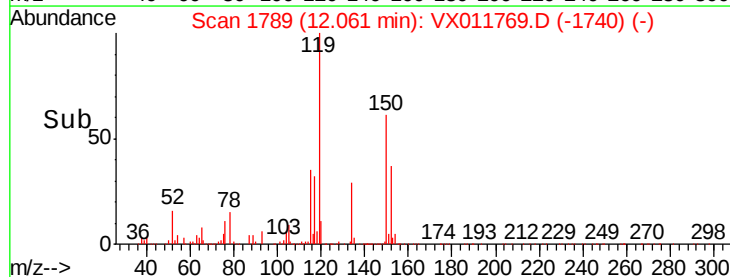
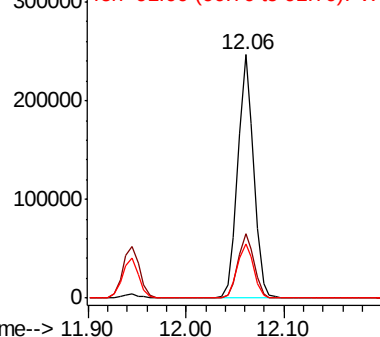
91 23.2 11.1 33.3

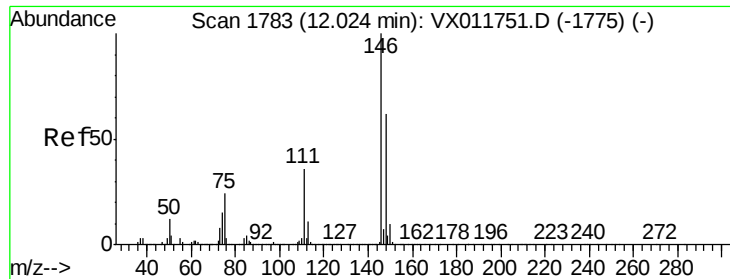


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

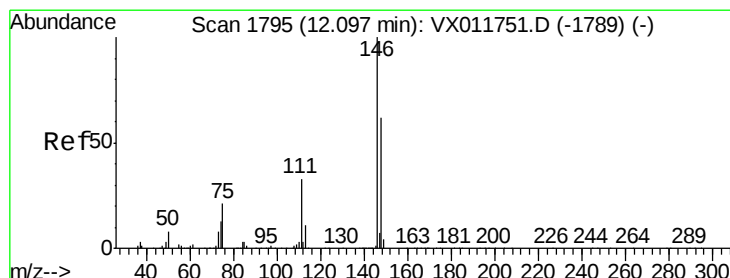
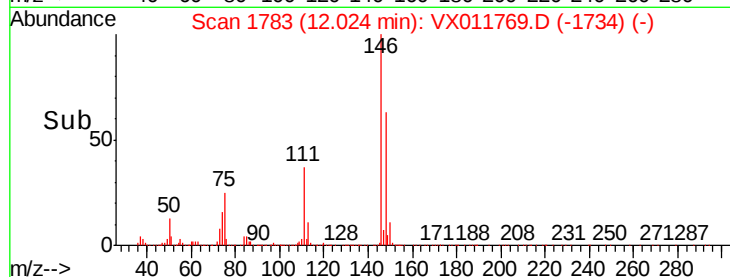
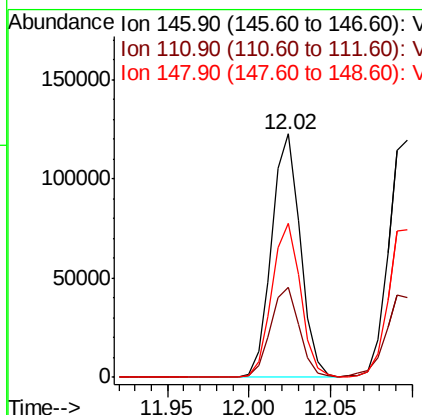
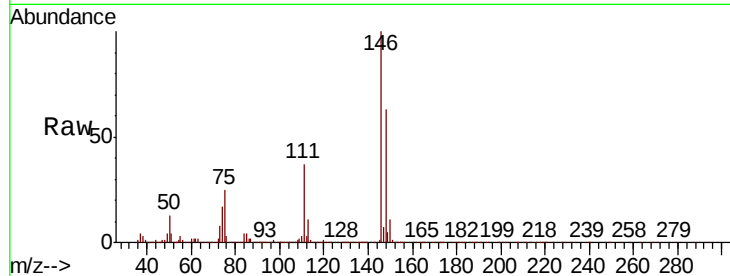




#87
 1,3-Dichlorobenzene
 Concen: 19.404 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

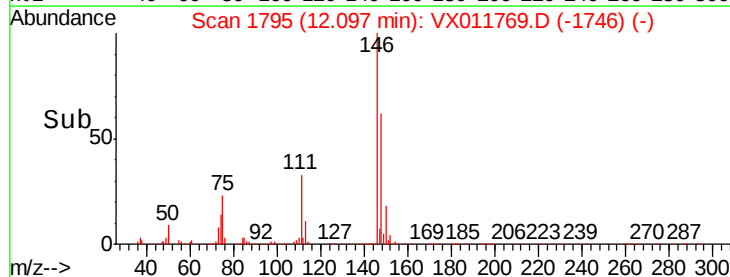
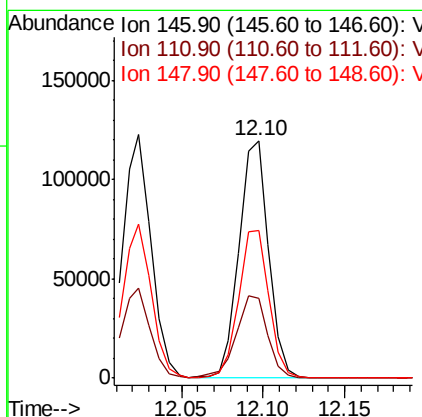
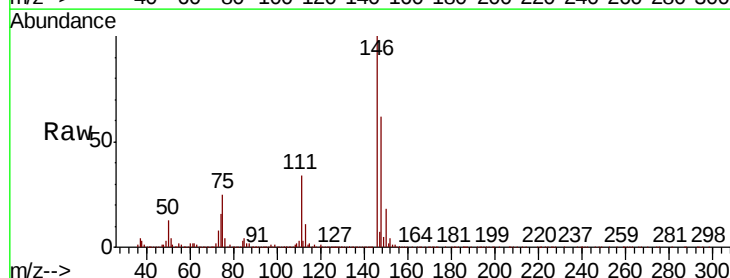
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

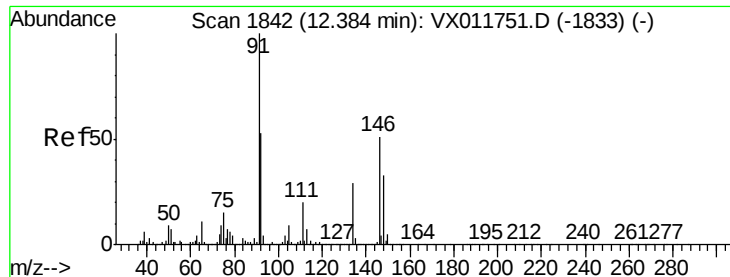
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.4
148	63.5	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.256 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011769.D
 Acq: 22 Aug 2019 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.8	53.4
148	64.3	31.9	95.7

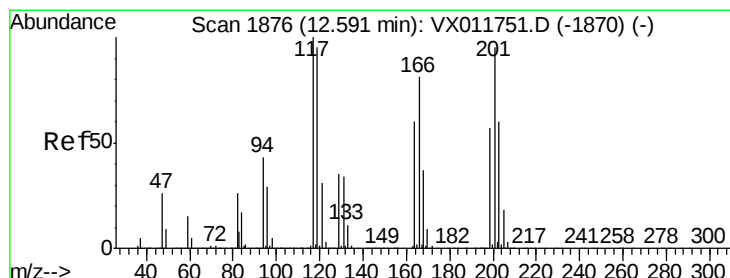
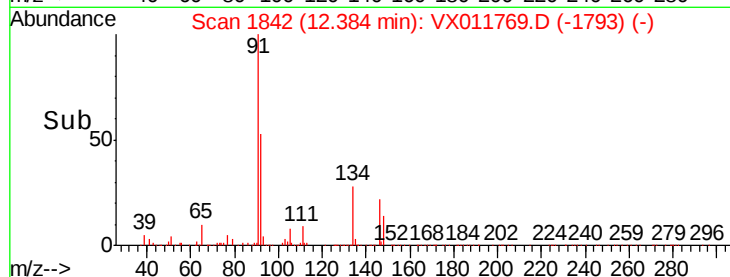
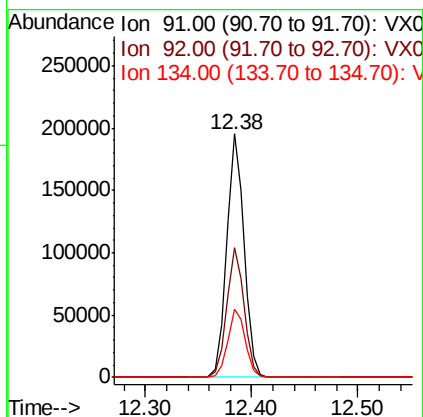
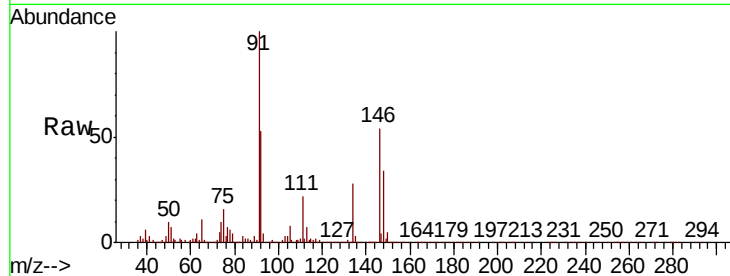




#89
n-Butylbenzene
Concen: 19.575 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

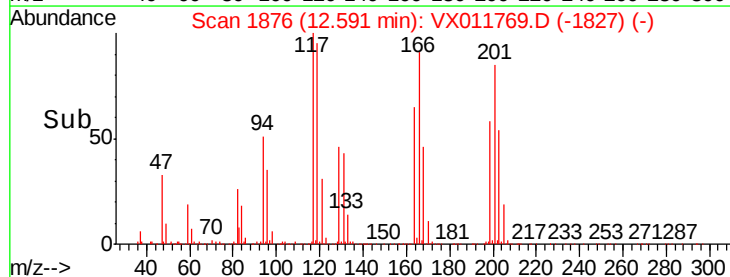
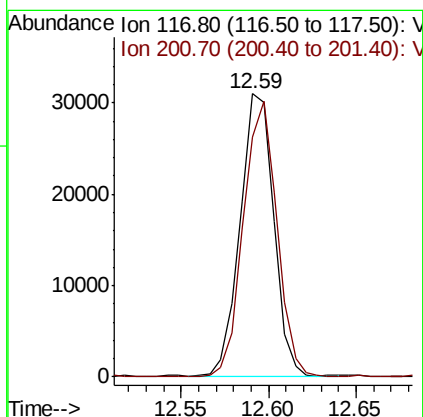
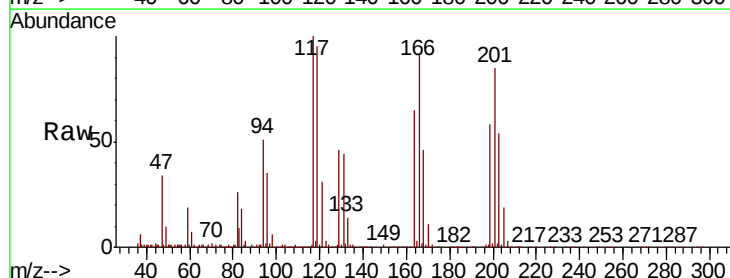
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

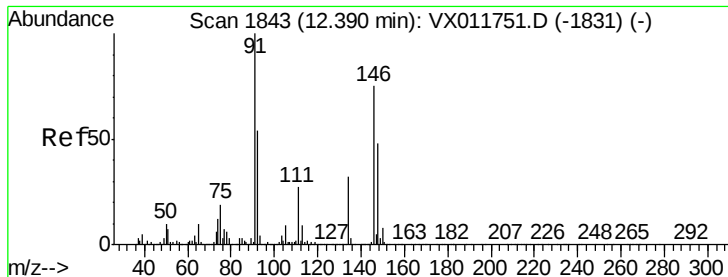
Tgt Ion: 91 Resp: 223141
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 28.3 14.6 43.8



#90
Hexachloroethane
Concen: 19.341 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011769.D
Acq: 22 Aug 2019 18:06

Tgt Ion: 117 Resp: 41376
Ion Ratio Lower Upper
117 100
201 97.4 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 19.291 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

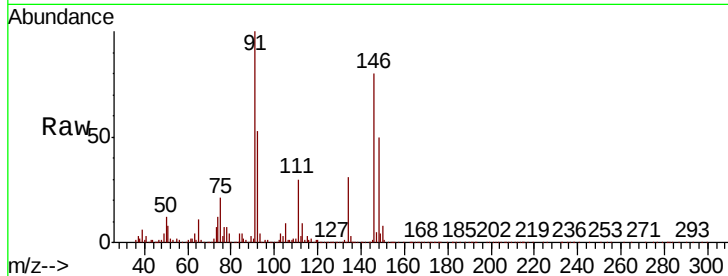
Tgt Ion: 146 Resp: 150128

Ion Ratio Lower Upper

146 100

111 39.3 18.8 56.4

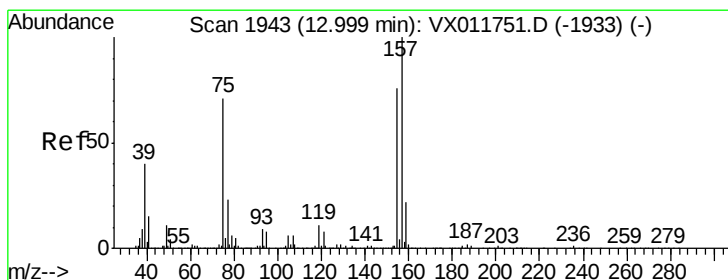
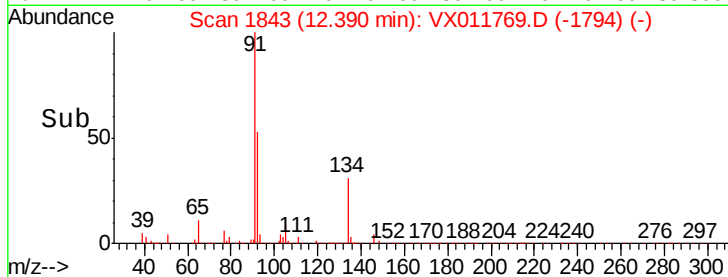
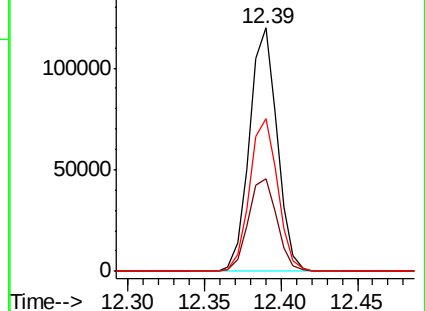
148 64.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.588 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

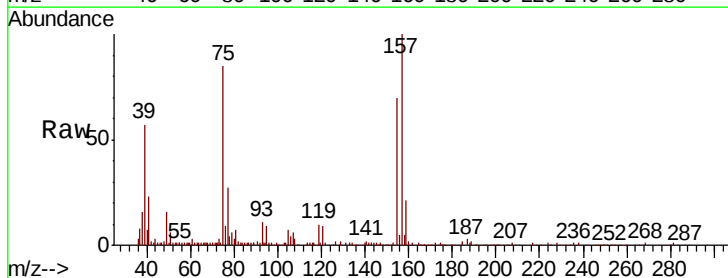
Tgt Ion: 75 Resp: 22906

Ion Ratio Lower Upper

75 100

155 101.1 52.6 157.9

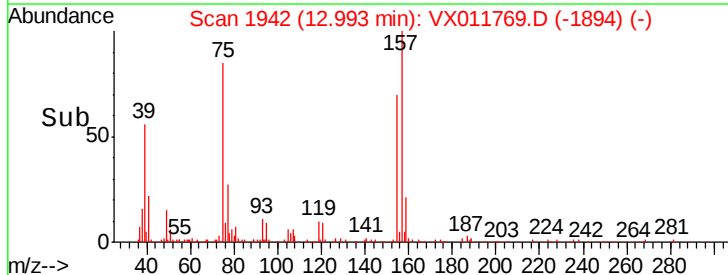
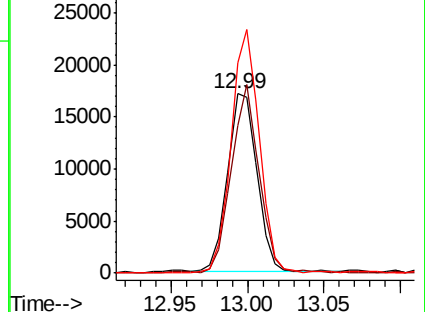
157 130.5 68.3 204.9

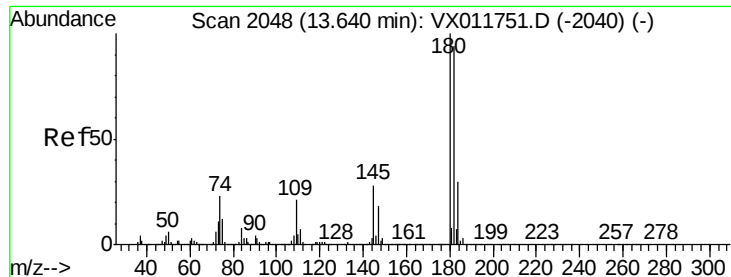


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.438 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

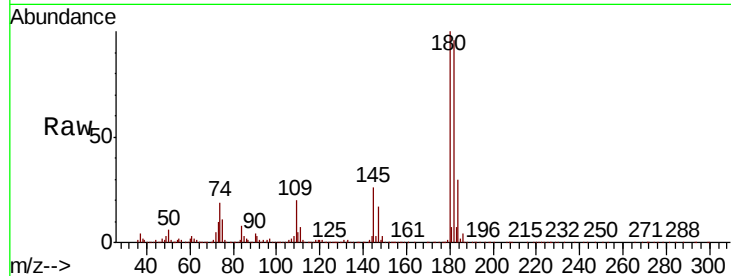
Tgt Ion:180 Resp: 105551

Ion Ratio Lower Upper

180 100

182 97.0 47.8 143.4

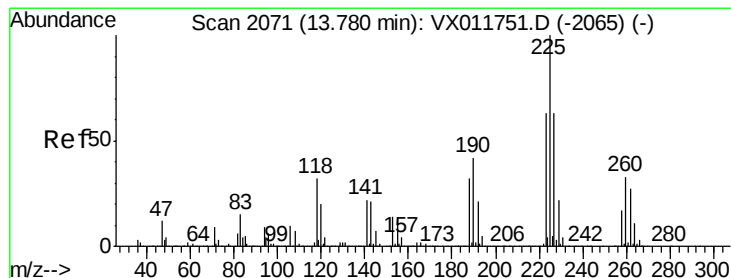
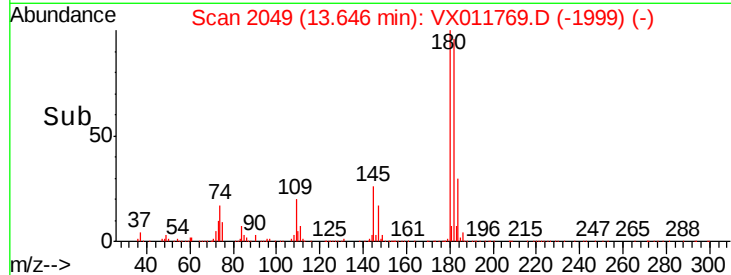
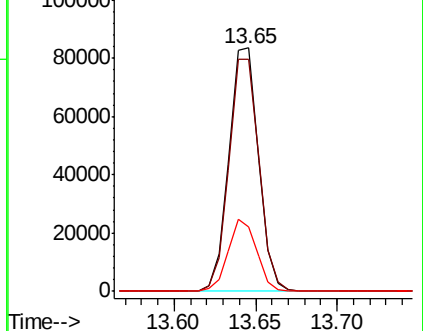
145 28.5 14.1 42.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.542 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

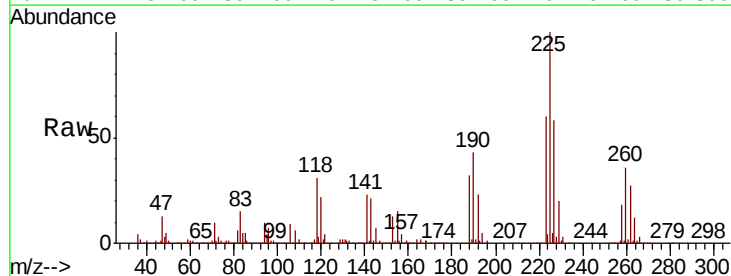
Tgt Ion:225 Resp: 58165

Ion Ratio Lower Upper

225 100

223 63.2 31.0 93.0

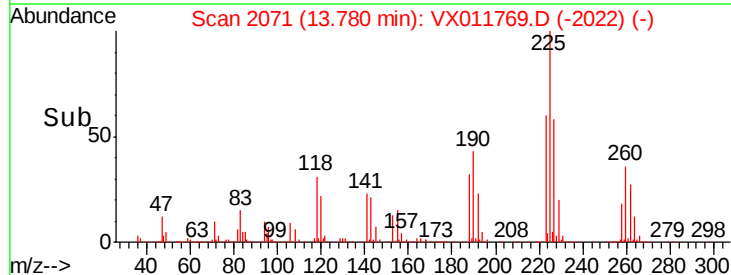
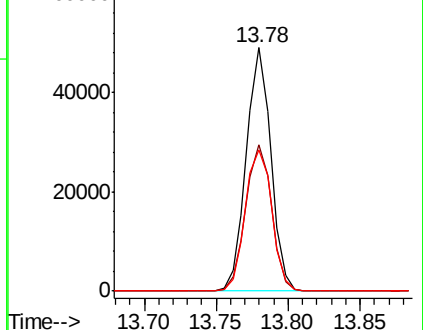
227 62.8 31.8 95.3

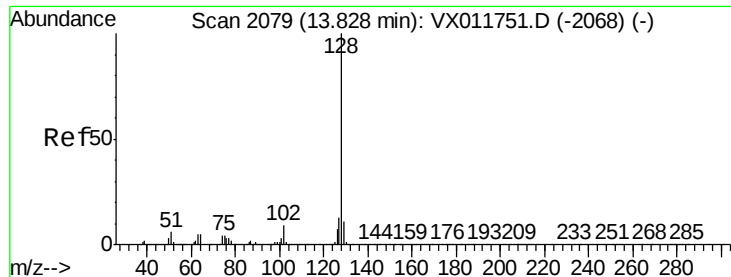


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.037 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

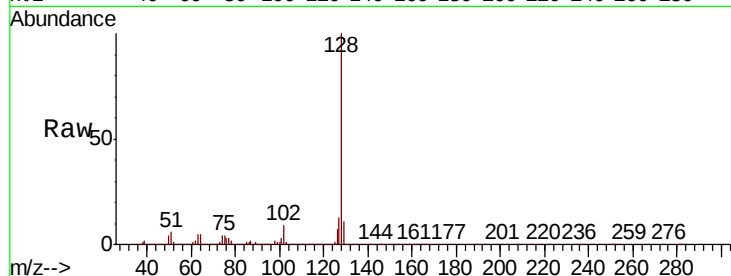
Tgt Ion:128 Resp: 315913

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

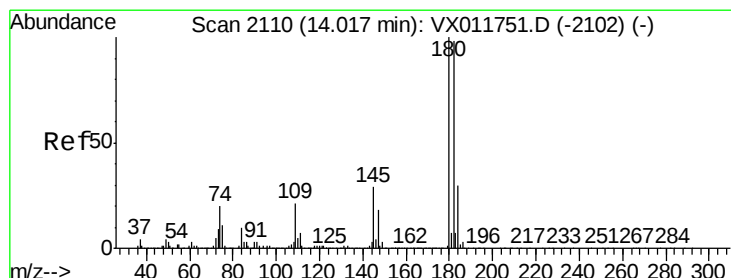
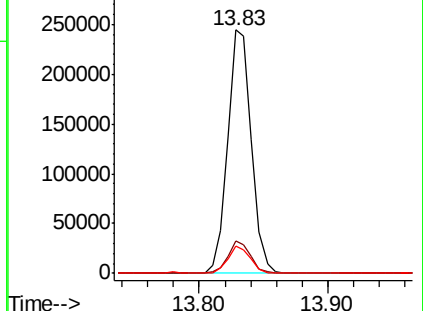
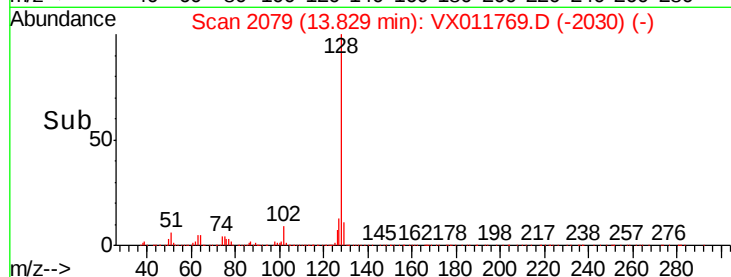
129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 18.823 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011769.D

Acq: 22 Aug 2019 18:06

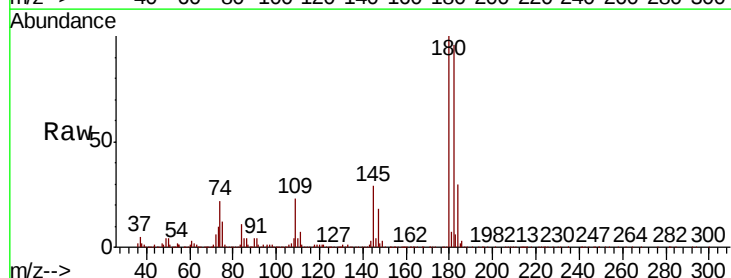
Tgt Ion:180 Resp: 108192

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.5

145 29.8 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

