

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013850.D
 Acq On : 09 Dec 2019 14:37
 Operator : JC/SP
 Sample : VX1209WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Quant Time: Dec 12 08:08:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	583188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	313014	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	261314	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	973687	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	11.14	95	345271	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102453	15.783	ug/l	98
3) Chloromethane	1.32	50	119619	16.423	ug/l	100
4) Vinyl Chloride	1.40	62	139794	17.052	ug/l	98
5) Bromomethane	1.63	94	79564	14.452	ug/l	95
6) Chloroethane	1.72	64	77704	16.657	ug/l	97
7) Trichlorofluoromethane	1.92	101	145643	16.000	ug/l	100
8) Diethyl Ether	2.18	74	70156	17.035	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91892	16.527	ug/l	98
10) Methyl Iodide	2.50	142	87349	12.987	ug/l	99
11) Tert butyl alcohol	3.03	59	130375	78.025	ug/l	98
12) 1,1-Dichloroethene	2.36	96	90107	16.235	ug/l	97
13) Acrolein	2.28	56	106203	98.760	ug/l	97
14) Allyl chloride	2.72	41	164040	16.287	ug/l	99
15) Acrylonitrile	3.13	53	290554	84.241	ug/l	98
16) Acetone	2.43	43	272598	81.563	ug/l	98
17) Carbon Disulfide	2.56	76	226267	14.301	ug/l	100
18) Methyl Acetate	2.76	43	168497	18.105	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	313730	17.064	ug/l	99
20) Methylene Chloride	2.85	84	109061	16.985	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	96050	15.886	ug/l	97
22) Diisopropyl ether	3.84	45	346621	17.873	ug/l	96
23) Vinyl Acetate	3.80	43	1375347	85.247	ug/l	98
24) 1,1-Dichloroethane	3.69	63	183351	17.294	ug/l	99
25) 2-Butanone	4.65	43	414948	83.539	ug/l	97
26) 2,2-Dichloropropane	4.57	77	132982	15.160	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112515	16.205	ug/l	99
28) Bromochloromethane	5.00	49	83276	19.869	ug/l	100
29) Tetrahydrofuran	5.11	42	267686	87.420	ug/l	99
30) Chloroform	5.20	83	179998	16.741	ug/l	97
31) Cyclohexane	5.57	56	155190	15.519	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	146784	16.336	ug/l	100
36) 1,1-Dichloropropene	5.79	75	130675	16.137	ug/l	99
37) Ethyl Acetate	4.82	43	153137	16.857	ug/l	98
38) Carbon Tetrachloride	5.78	117	124648	16.694	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Quant Time: Dec 12 08:08:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155872	15.572	ug/l	97
40) Benzene	6.14	78	411801	16.697	ug/l	98
41) Methacrylonitrile	5.03	41	86278	17.318	ug/l	97
42) 1,2-Dichloroethane	6.18	62	148633	17.671	ug/l	99
43) Isopropyl Acetate	6.43	43	250162	16.727	ug/l	99
44) Trichloroethene	7.21	130	108237	15.991	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107062	17.350	ug/l	98
46) Dibromomethane	7.65	93	71320	17.018	ug/l	97
47) Bromodichloromethane	7.89	83	133371	16.834	ug/l	99
48) Methyl methacrylate	7.76	41	122848	16.906	ug/l	98
49) 1,4-Dioxane	7.73	88	51740	318.095	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	815166	86.650	ug/l	100
52) Toluene	8.78	92	257474	16.805	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140691	15.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159453	16.184	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108502	17.573	ug/l	97
56) Ethyl methacrylate	9.17	69	163741	16.495	ug/l	98
57) 1,3-Dichloropropane	9.37	76	180120	16.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351546	90.325	ug/l	100
59) 2-Hexanone	9.48	43	623570	84.988	ug/l	98
60) Dibromochloromethane	9.57	129	105354	16.442	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112896	17.120	ug/l	97
64) Tetrachloroethene	9.33	164	100772	16.780	ug/l	99
65) Chlorobenzene	10.14	112	274989	16.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102243	17.030	ug/l	99
67) Ethyl Benzene	10.25	91	480269	16.716	ug/l	98
68) m/p-Xylenes	10.35	106	362376	32.944	ug/l	99
69) o-Xylene	10.70	106	177672	16.562	ug/l	98
70) Styrene	10.71	104	299855	16.616	ug/l	100
71) Bromoform	10.85	173	81036	16.313	ug/l	99
73) Isopropylbenzene	11.01	105	475485	17.690	ug/l	100
74) N-amyl acetate	10.89	43	208889	16.965	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170465	18.287	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	182274	21.149	ug/l	89
77) Bromobenzene	11.25	156	124415	17.133	ug/l	99
78) n-propylbenzene	11.35	91	523238	17.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	320199	17.789	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	389778	17.693	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47731	15.151	ug/l	93
82) 4-Chlorotoluene	11.51	91	359173	17.229	ug/l	100
83) tert-Butylbenzene	11.76	119	393878	17.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	391054	17.490	ug/l	100
85) sec-Butylbenzene	11.94	105	445005	17.401	ug/l	99
86) p-Isopropyltoluene	12.06	119	405191	17.032	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	208091	16.439	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213050	16.524	ug/l	99
89) n-Butylbenzene	12.39	91	333387	16.430	ug/l	98
90) Hexachloroethane	12.59	117	71516	16.631	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	213174	17.045	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35350	17.414	ug/l	95

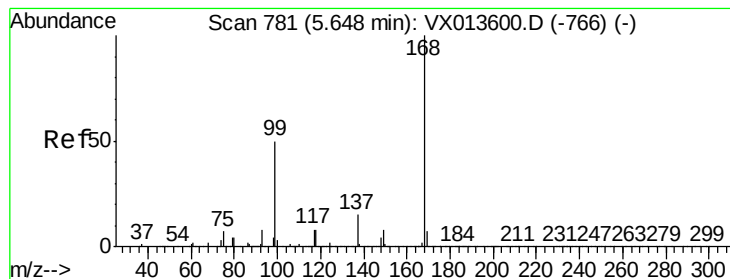
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX013850.D
Acq On : 09 Dec 2019 14:37
Operator : JC/SP
Sample : VX1209WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Quant Time: Dec 12 08:08:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134572	15.439	ug/l	98
94) Hexachlorobutadiene	13.78	225	64018	15.289	ug/l	99
95) Naphthalene	13.83	128	422443	16.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140386	16.267	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

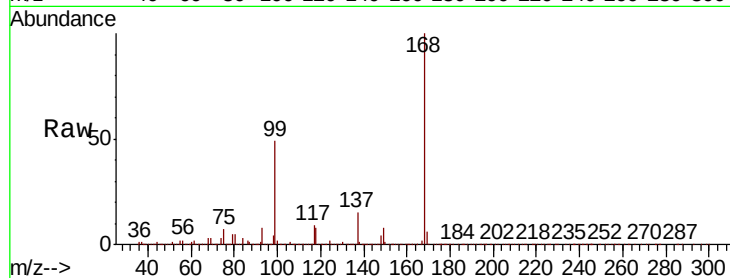
VX1209WBS01

Tot Ion:168 Resp: 583188

Ion Ratio Lower Upper

168 100

99 48.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

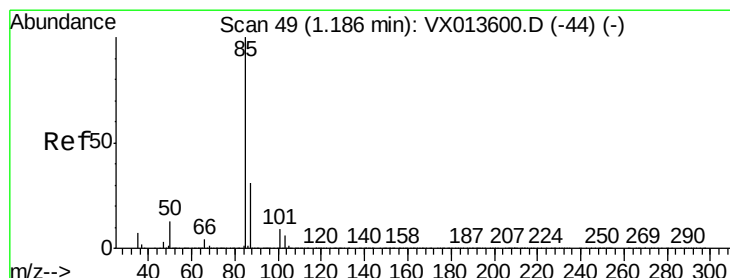
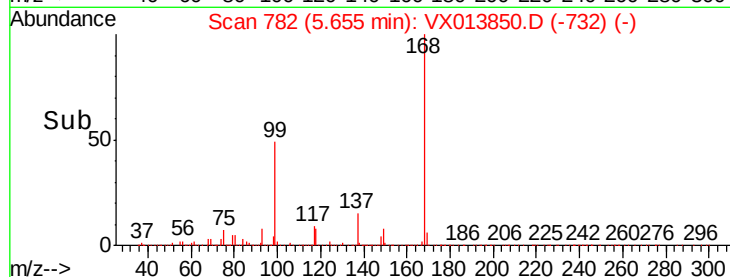
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.783 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013850.D

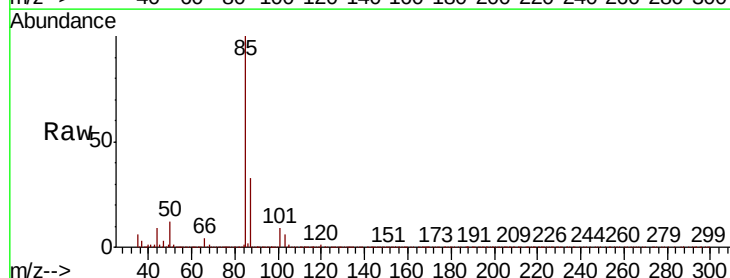
Acq: 09 Dec 2019 14:37

Tgt Ion: 85 Resp: 102453

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

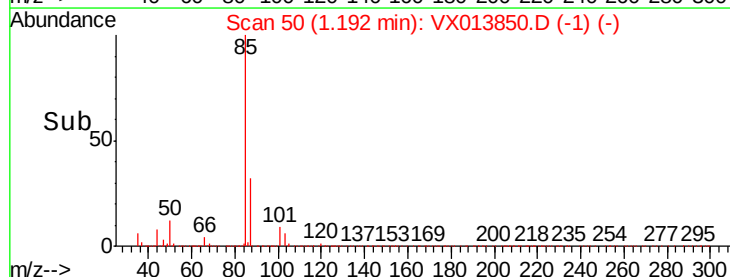
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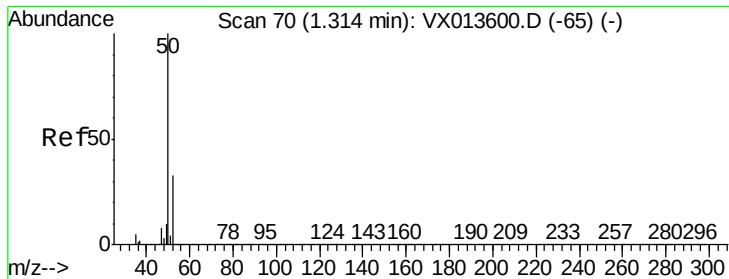
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.423 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

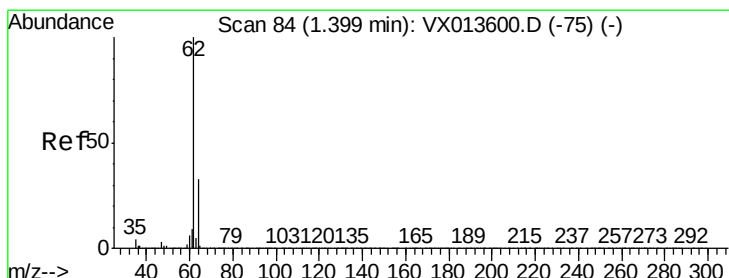
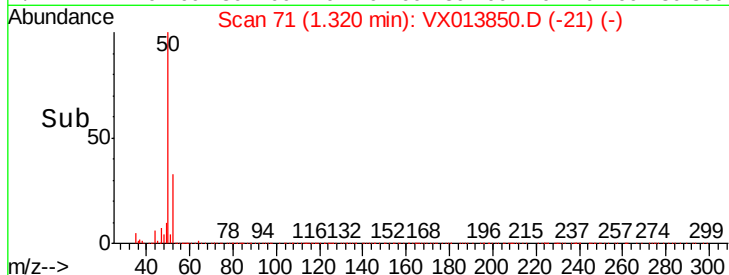
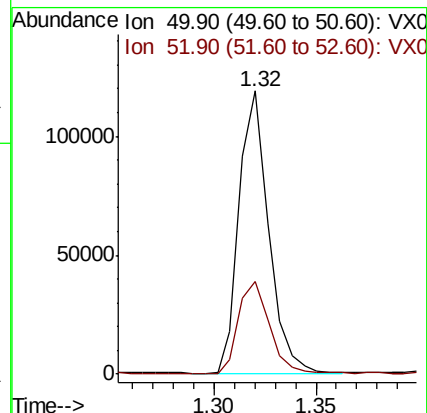
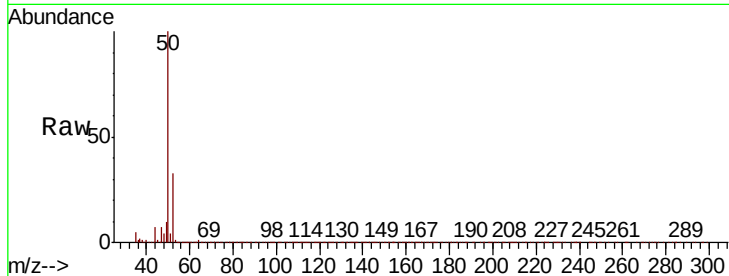
VX1209WBS01

Tot Ion: 50 Resp: 119619

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 17.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013850.D

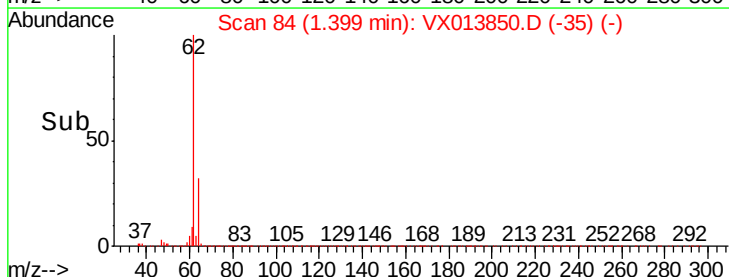
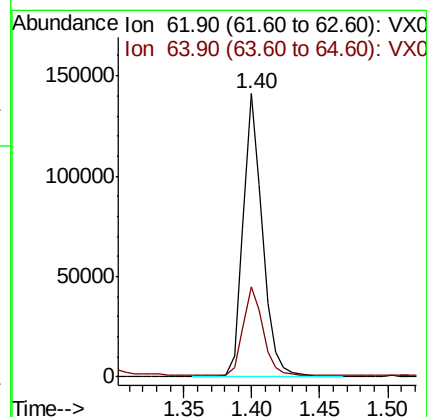
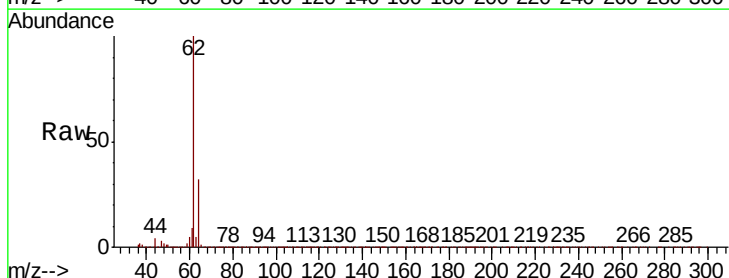
Acq: 09 Dec 2019 14:37

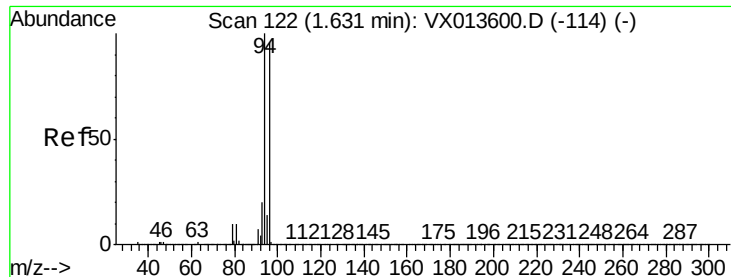
Tgt Ion: 62 Resp: 139794

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 14.452 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

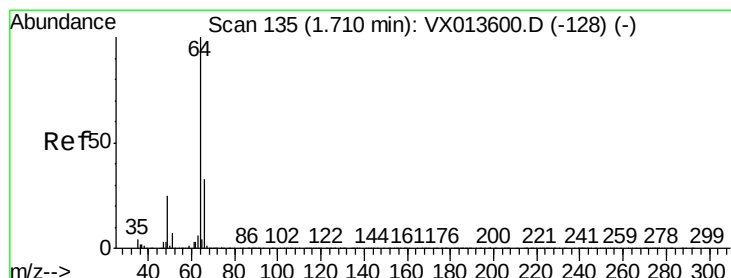
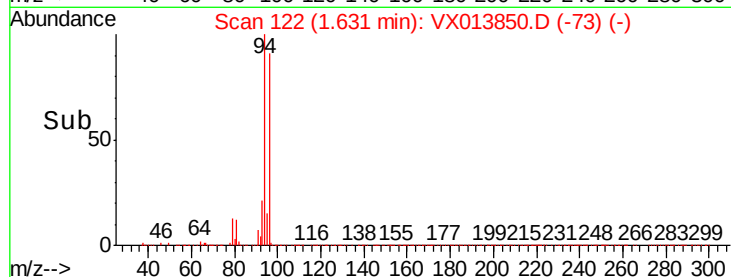
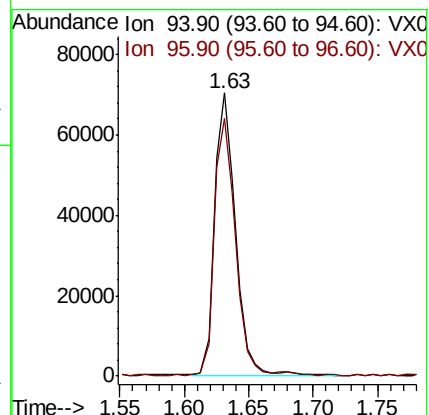
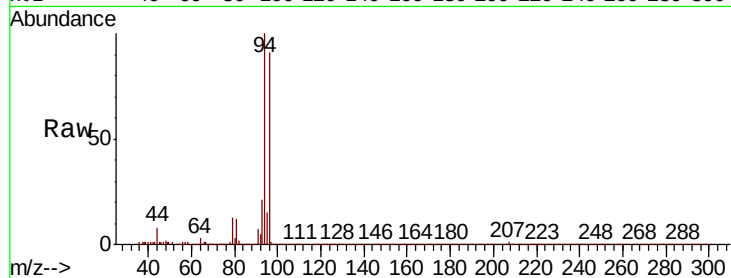
VX1209WBS01

Tot Ion: 94 Resp: 79564

Ion Ratio Lower Upper

94 100

96 91.1 77.0 115.4



#6

Chloroethane

Concen: 16.657 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013850.D

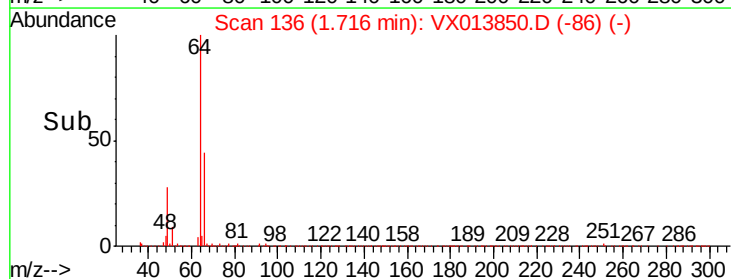
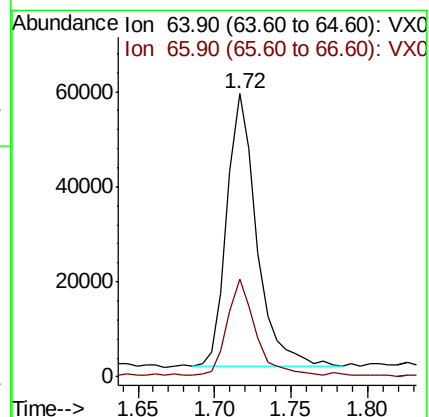
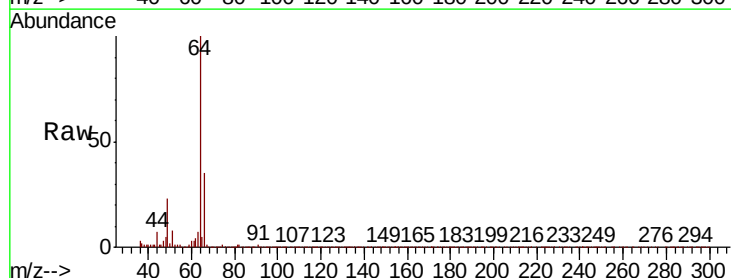
Acq: 09 Dec 2019 14:37

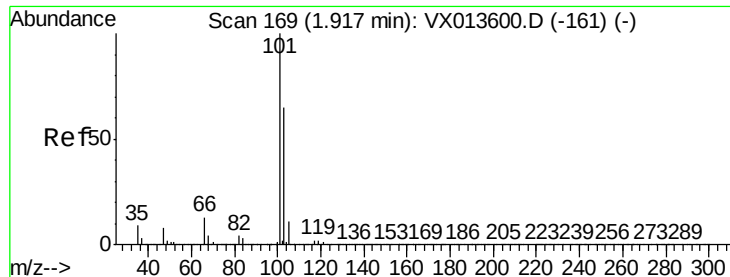
Tgt Ion: 64 Resp: 77704

Ion Ratio Lower Upper

64 100

66 35.3 26.7 40.1



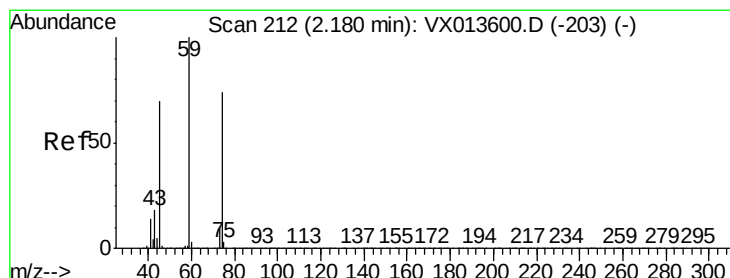
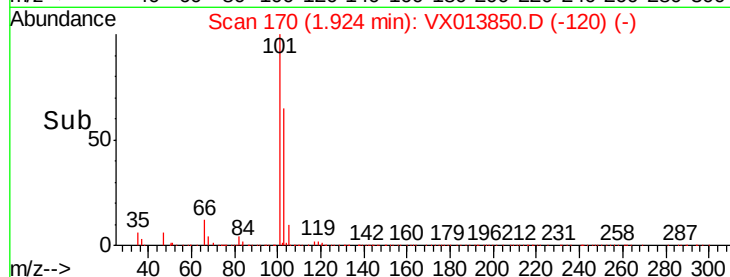
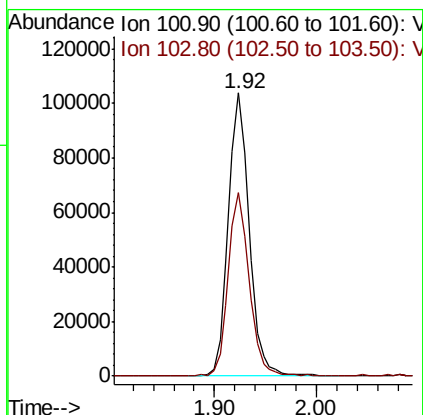
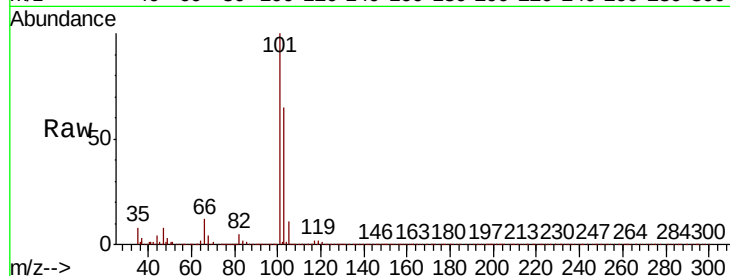


#7

Trichlorofluoromethane
Concen: 16.000 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

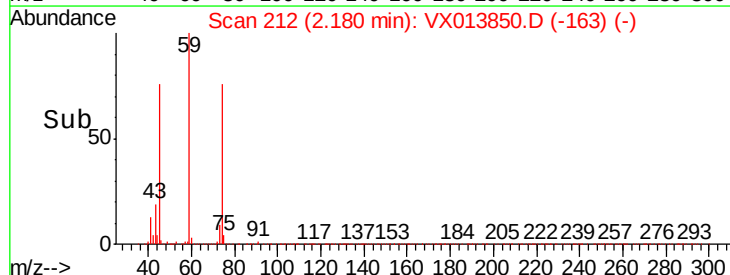
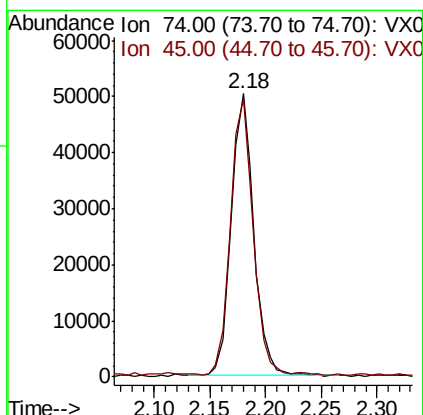
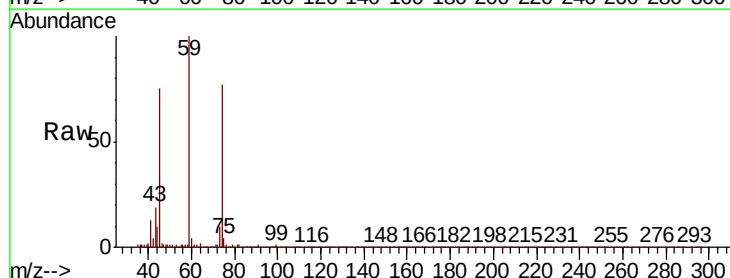
Tot Ion:101 Resp: 145643
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

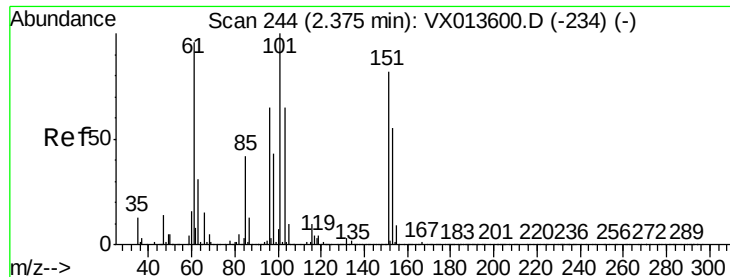


#8

Diethyl Ether
Concen: 17.035 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 74 Resp: 70156
Ion Ratio Lower Upper
74 100
45 97.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.527 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

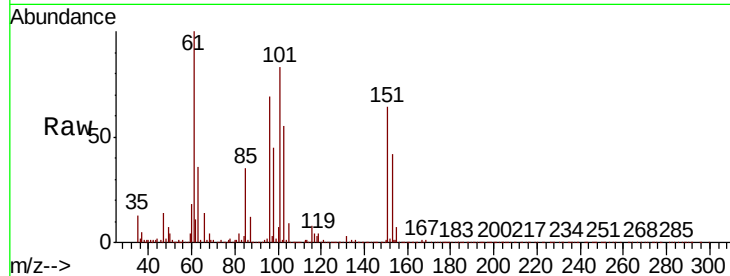
Tot Ion:101 Resp: 91892

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

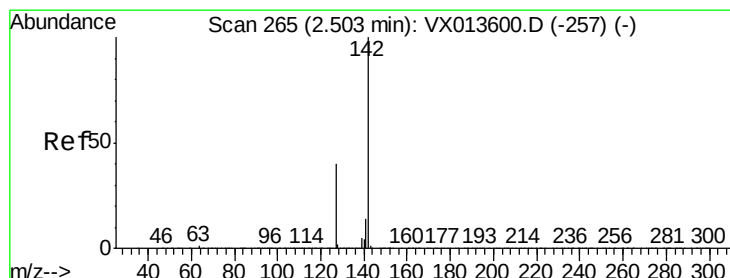
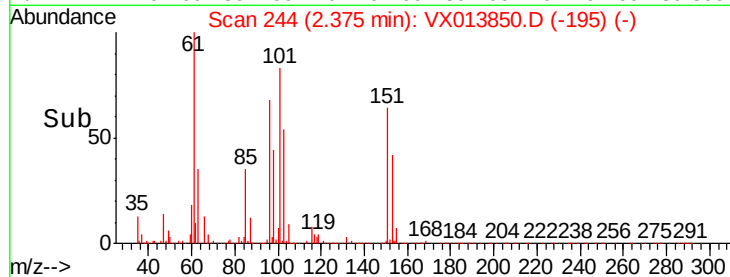
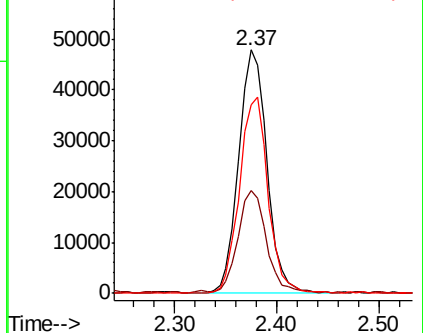
151 81.9 64.2 96.2



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: 12.987 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

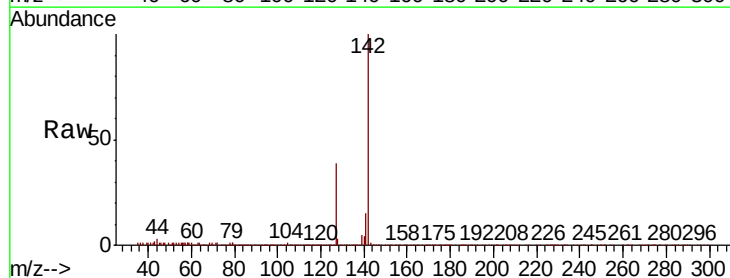
Tgt Ion:142 Resp: 87349

Ion Ratio Lower Upper

142 100

127 39.3 31.0 46.4

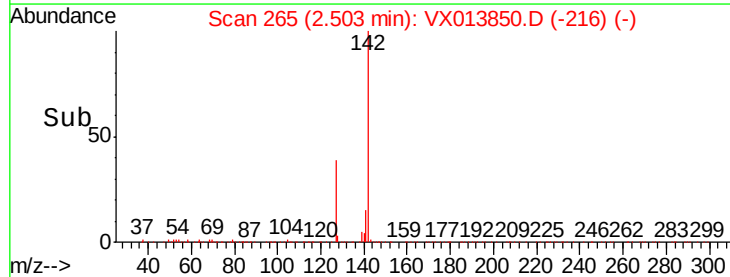
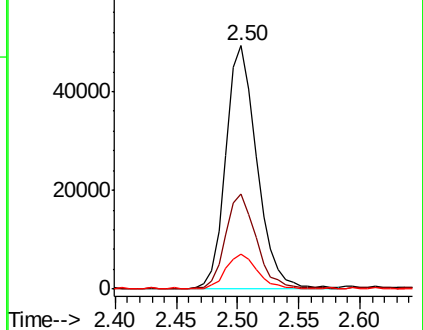
141 14.2 11.6 17.4

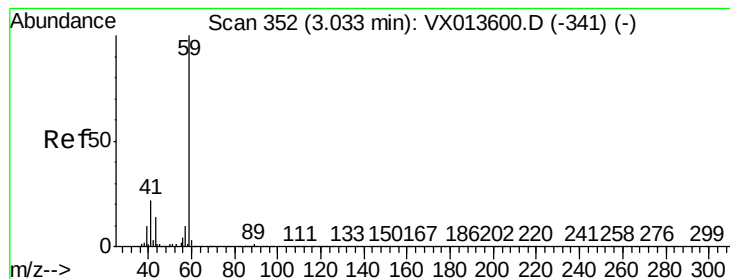


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



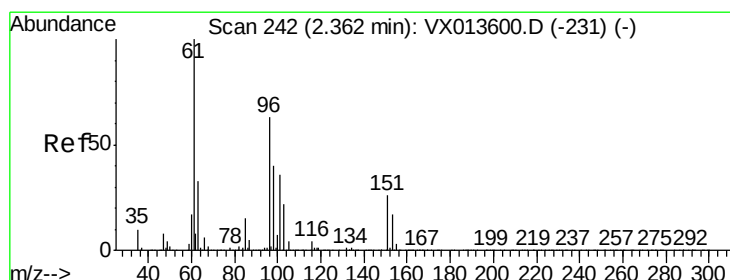
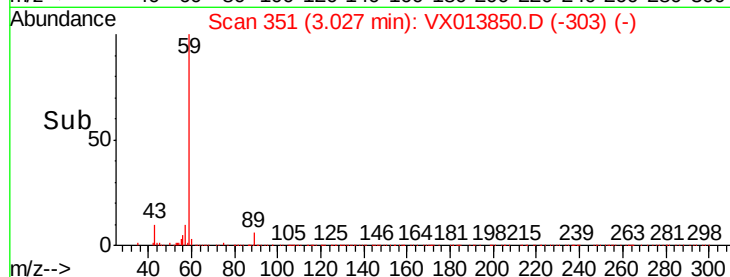
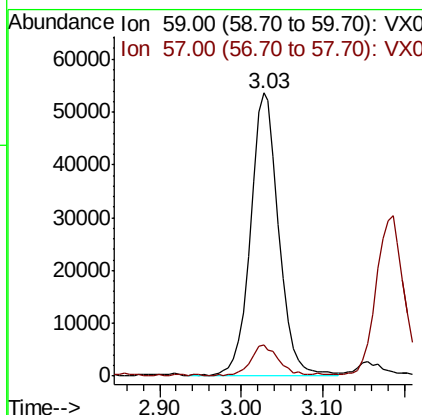
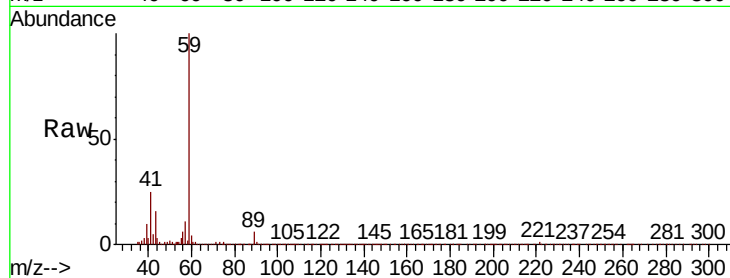


#11

Tert butyl alcohol
Concen: 78.025 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

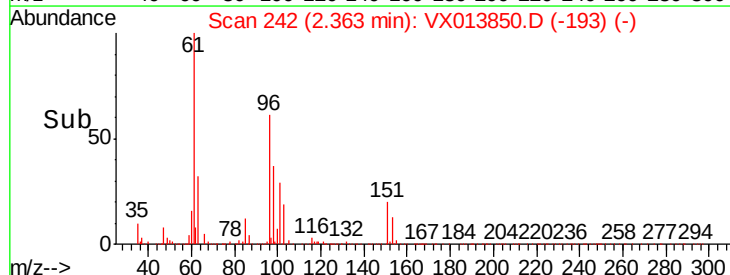
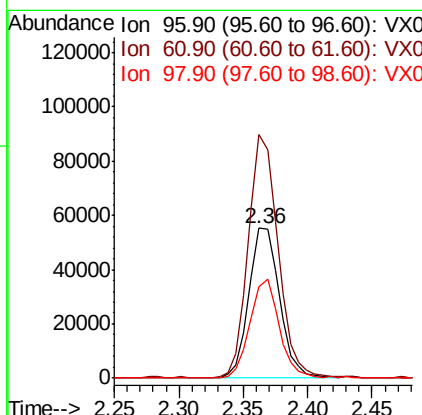
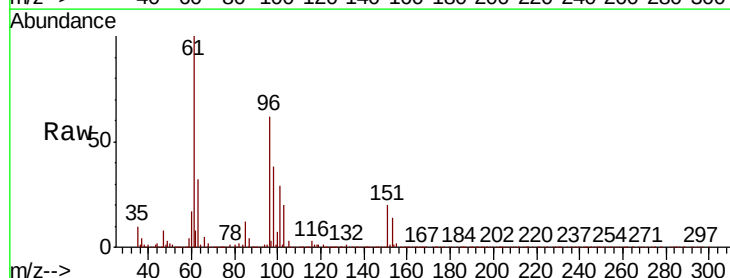
Tot Ion: 59 Resp: 130375
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.6

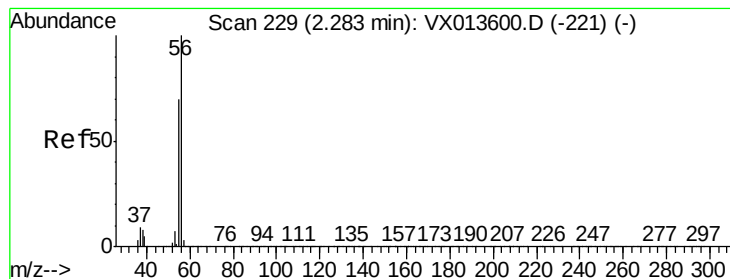


#12

1,1-Dichloroethene
Concen: 16.235 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 96 Resp: 90107
Ion Ratio Lower Upper
96 100
61 162.5 126.6 190.0
98 60.9 50.6 76.0





#13

Acrolein

Concen: 98.760 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

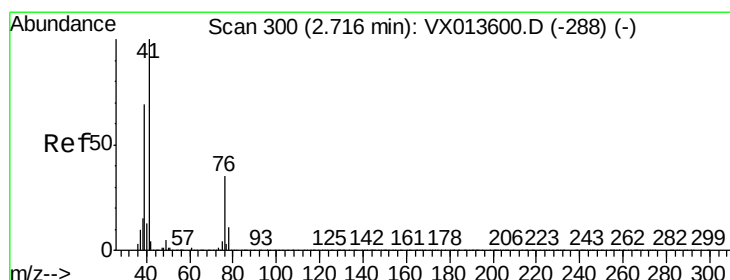
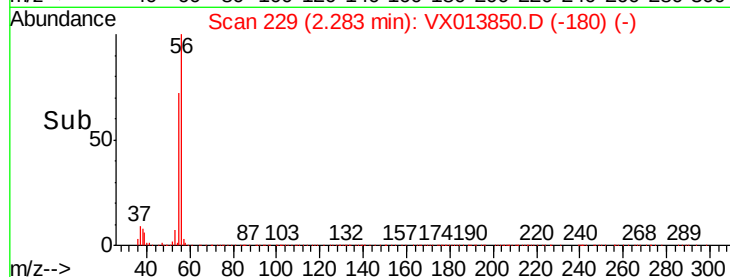
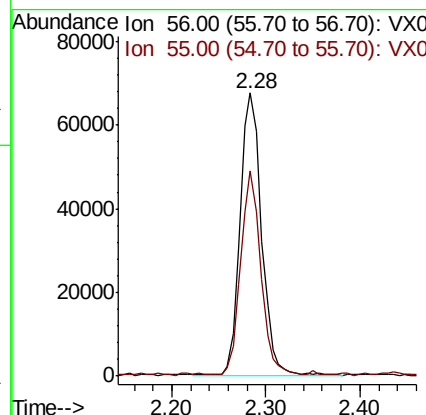
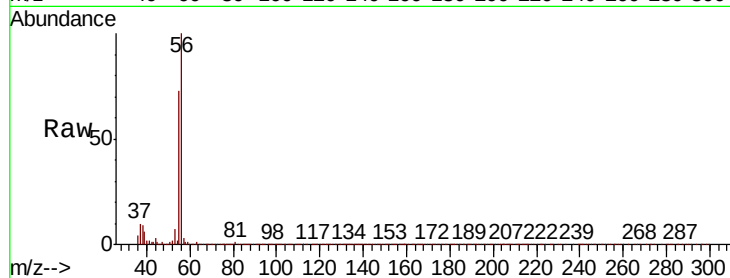
VX1209WBS01

Tot Ion: 56 Resp: 106203

Ion Ratio Lower Upper

56 100

55 68.0 56.2 84.4



#14

Allyl chloride

Concen: 16.287 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

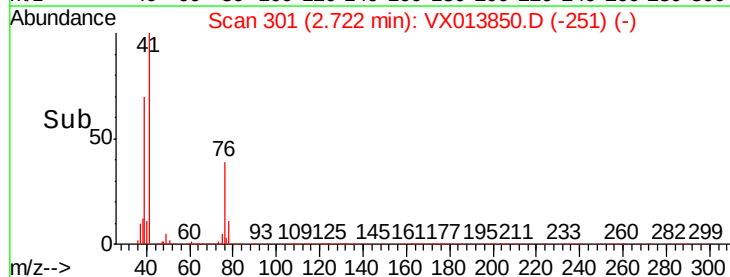
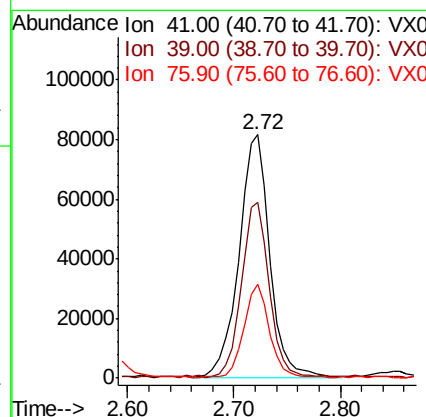
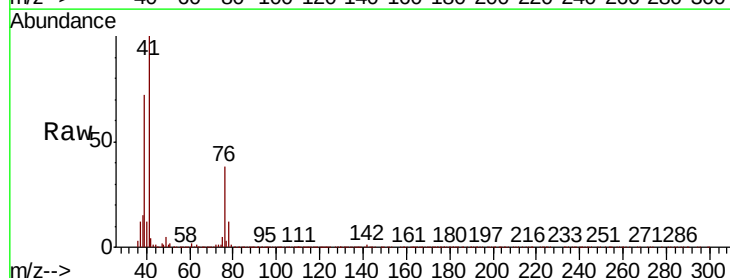
Tgt Ion: 41 Resp: 164040

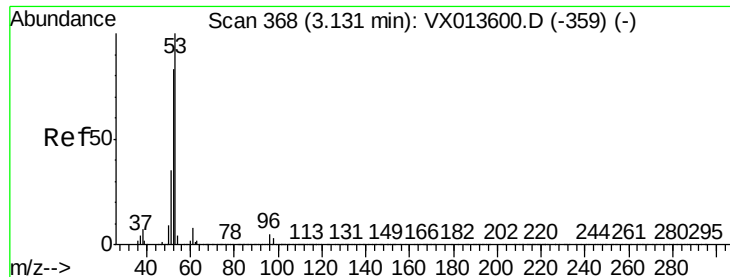
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 84.241 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

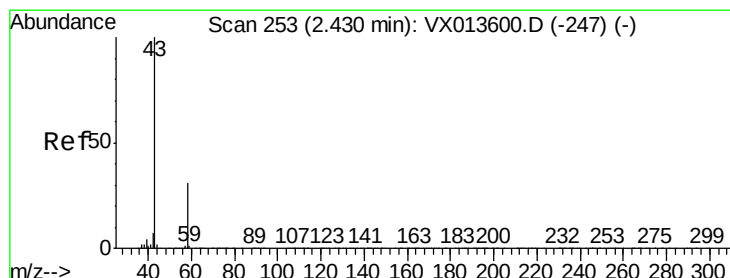
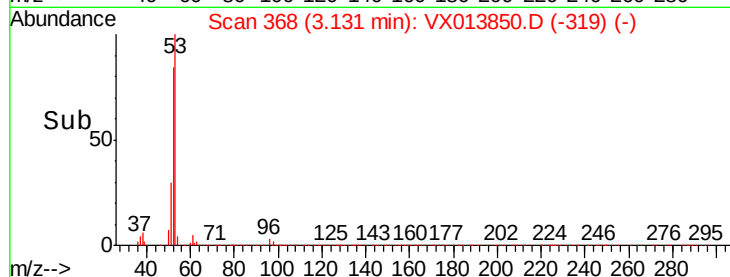
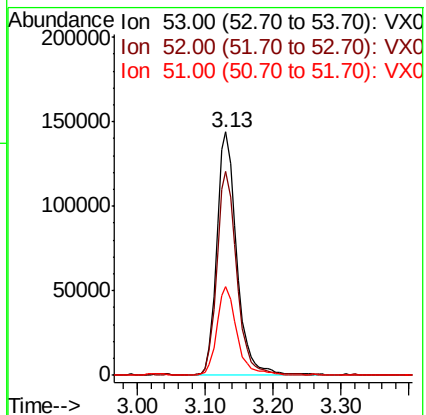
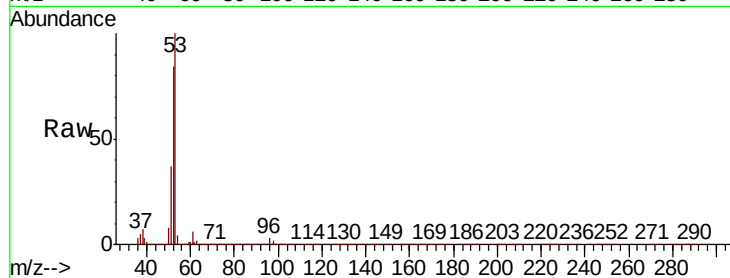
MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 53 Resp: 290554

Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.2	99.2
51	36.4	29.0	43.6



#16

Acetone

Concen: 81.563 ug/l

RT: 2.43 min Scan# 253

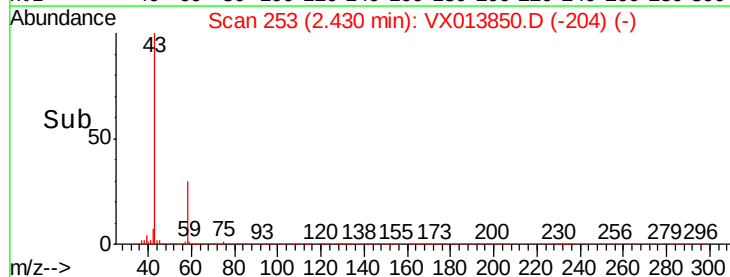
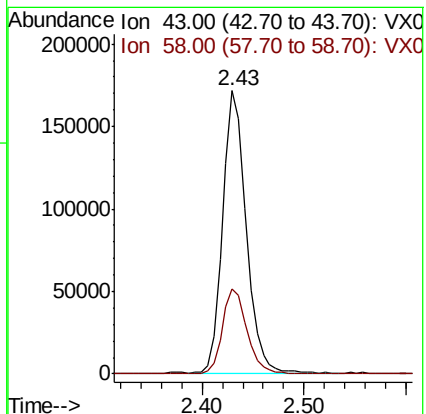
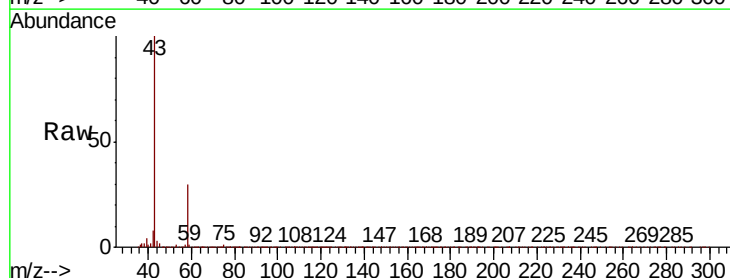
Delta R.T. 0.00 min

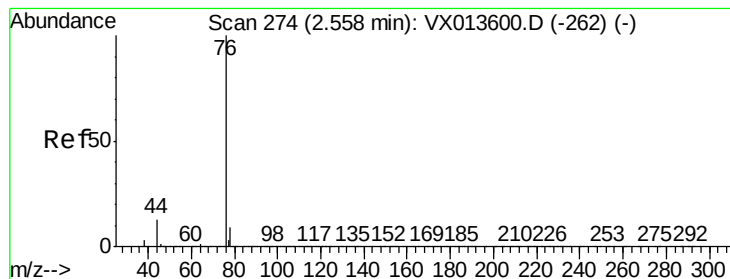
Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 272598

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.6	36.8





#17

Carbon Disulfide

Concen: 14.301 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

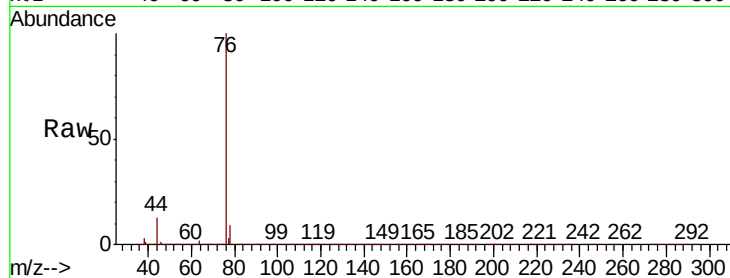
VX1209WBS01

Tot Ion: 76 Resp: 226267

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

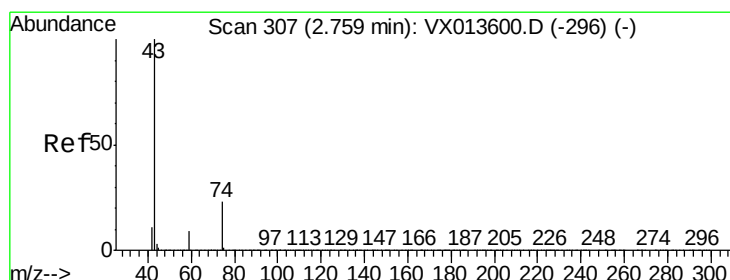
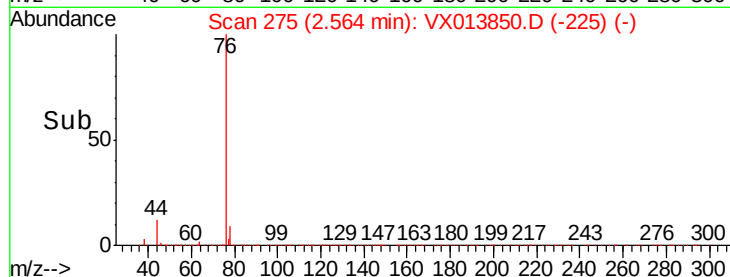
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.105 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013850.D

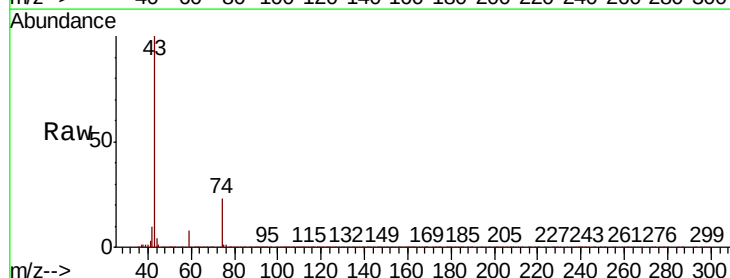
Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 168497

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

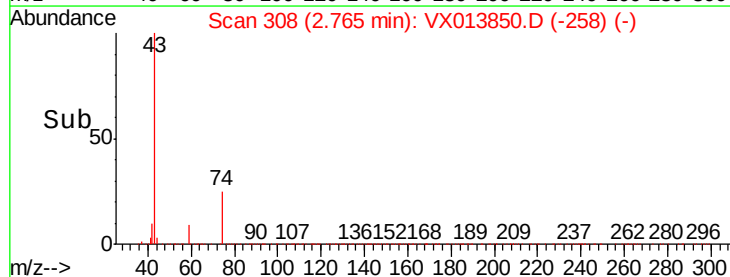
60000

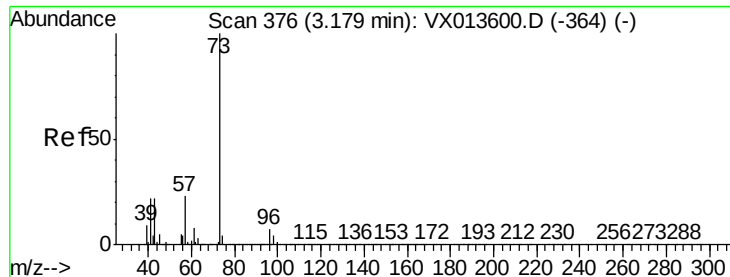
40000

20000

0

Time-->



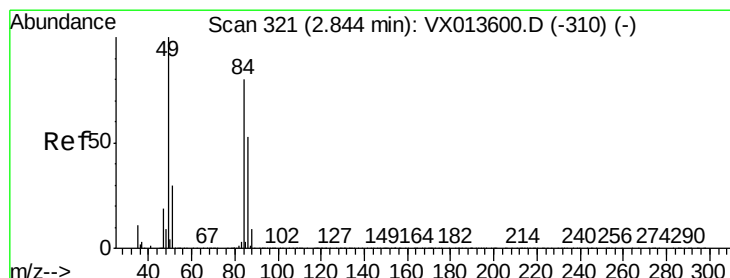
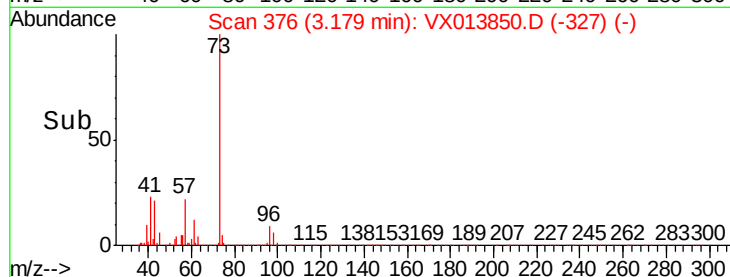
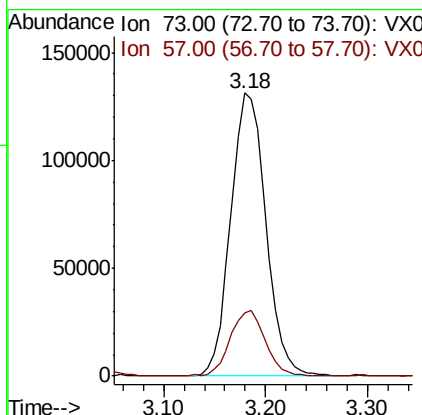
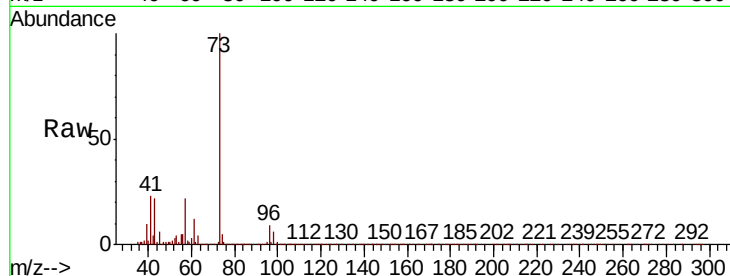


#19

Methyl tert-butyl Ether
 Concen: 17.064 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

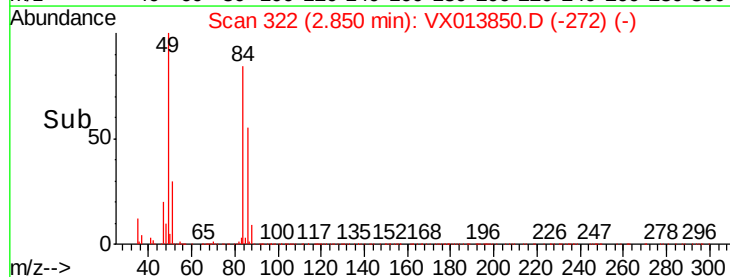
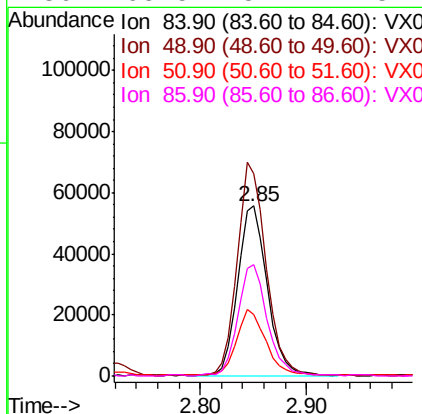
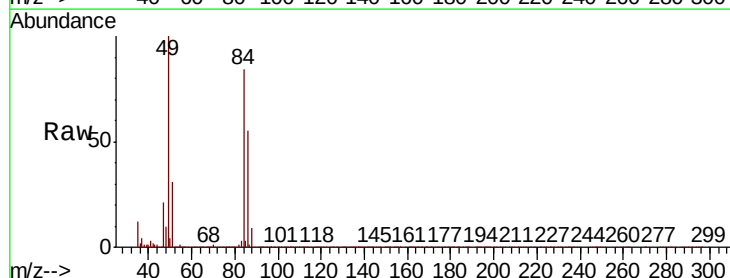
Tot Ion: 73 Resp: 313730
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.3 27.5

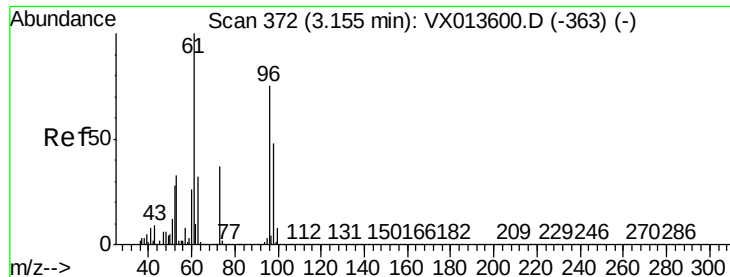


#20

Methylene Chloride
 Concen: 16.985 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion: 84 Resp: 109061
 Ion Ratio Lower Upper
 84 100
 49 118.7 99.7 149.5
 51 36.0 29.9 44.9
 86 65.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 15.886 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

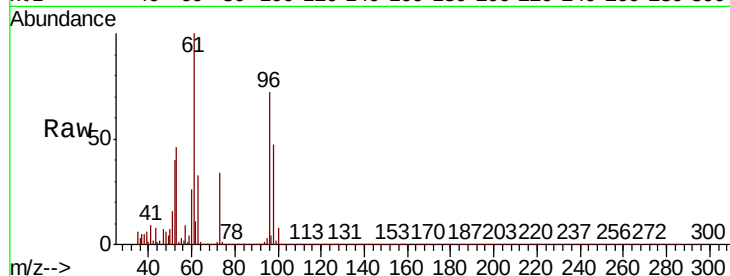
Tot Ion: 96 Resp: 96050

Ion Ratio Lower Upper

96 100

61 137.9 107.2 160.8

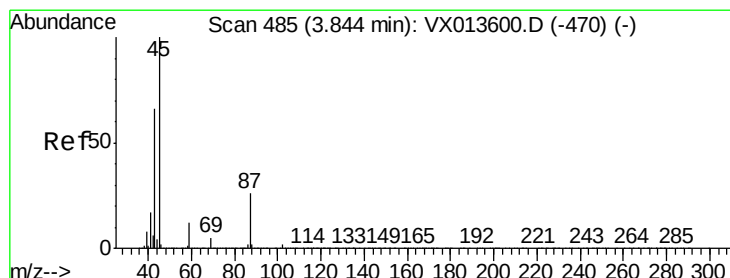
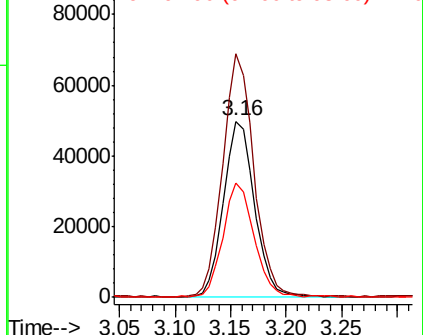
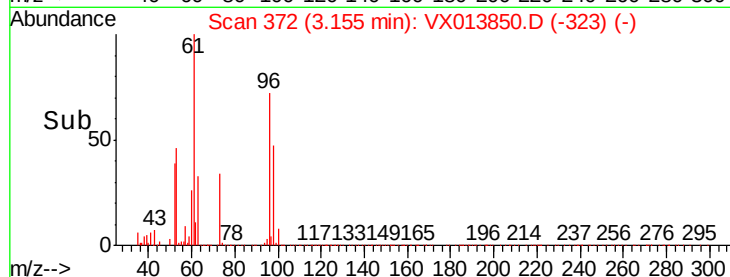
98 64.9 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.873 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 45 Resp: 346621

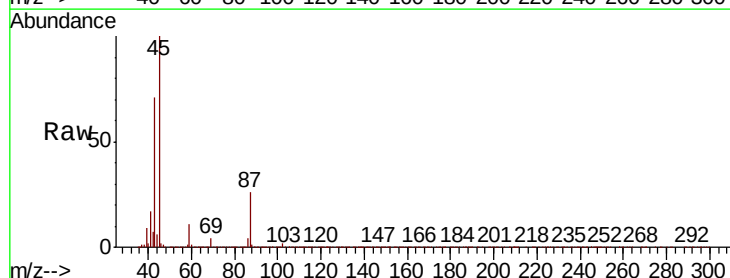
Ion Ratio Lower Upper

45 100

43 70.9 52.6 79.0

87 26.0 21.1 31.7

59 11.3 9.2 13.8

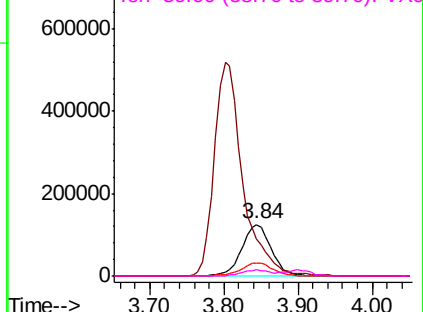
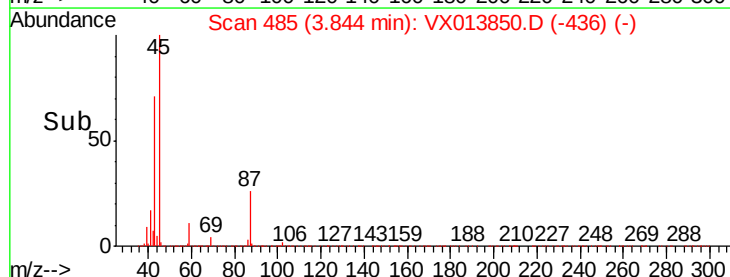


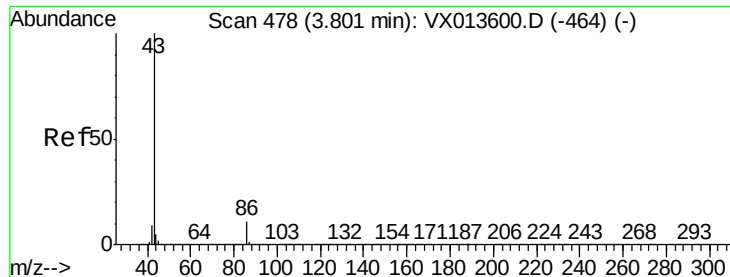
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 85.247 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

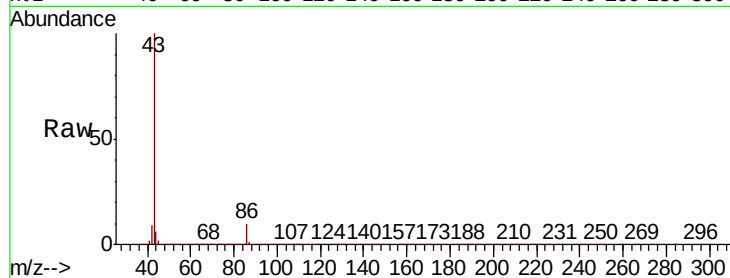
VX1209WBS01

Tot Ion: 43 Resp: 1375347

Ion Ratio Lower Upper

43 100

86 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

500000

400000

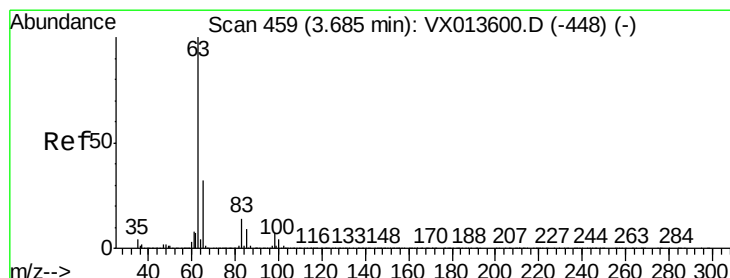
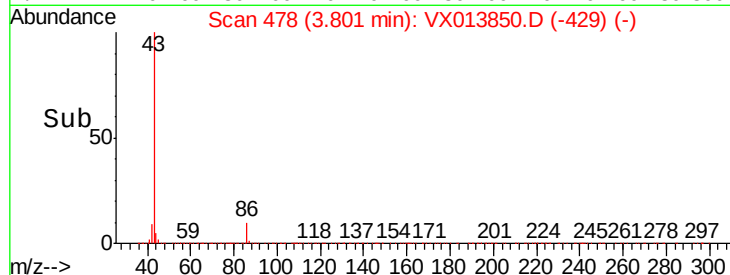
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 17.294 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

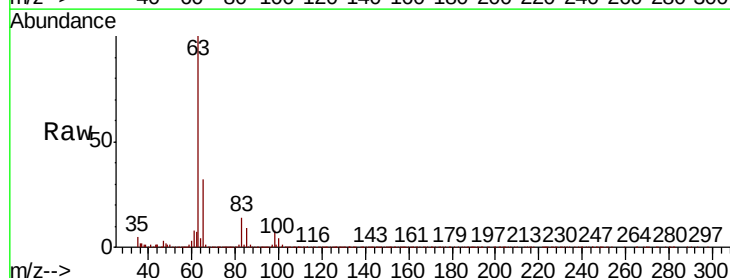
Tgt Ion: 63 Resp: 183351

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

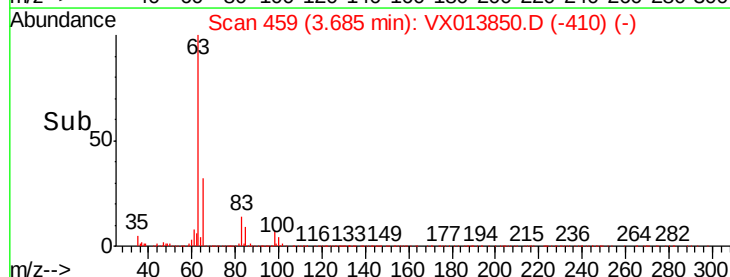
60000

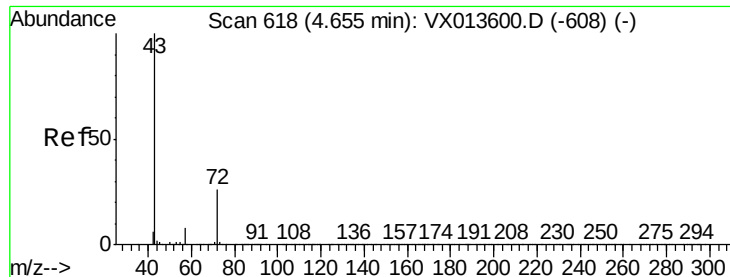
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 83.539 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

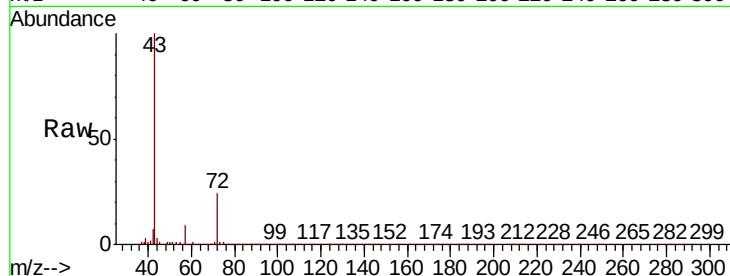
VX1209WBS01

Tot Ion: 43 Resp: 414948

Ion Ratio Lower Upper

43 100

72 24.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

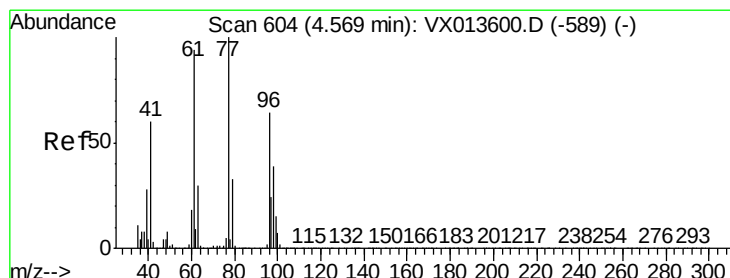
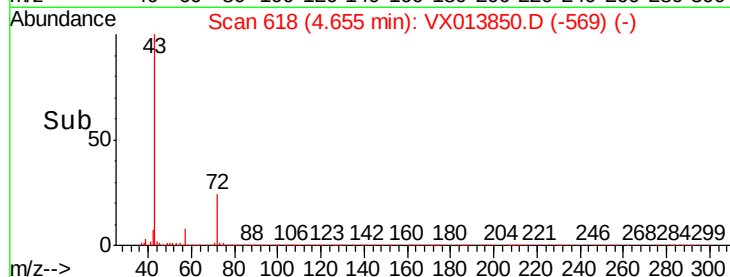
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.160 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013850.D

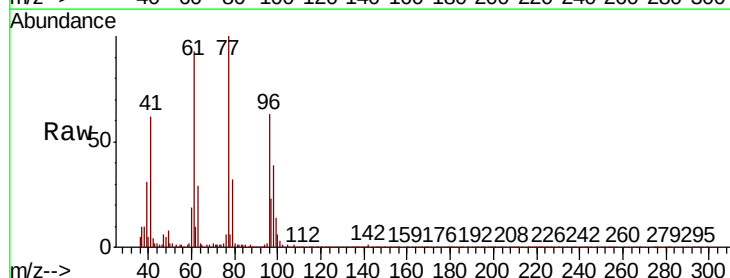
Acq: 09 Dec 2019 14:37

Tgt Ion: 77 Resp: 132982

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

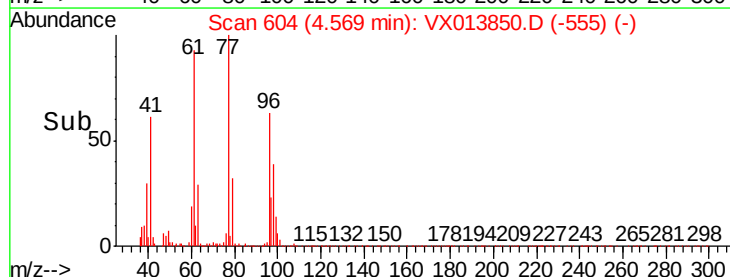
20000

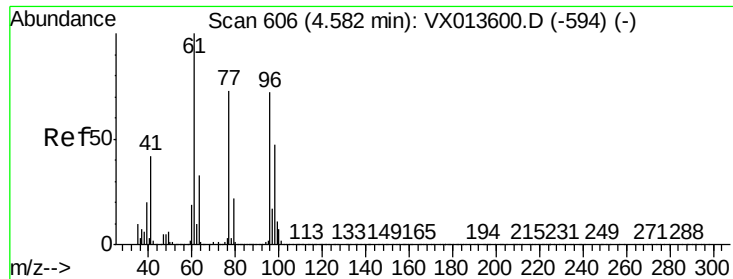
10000

0

4.50 4.60 4.70

Time-->



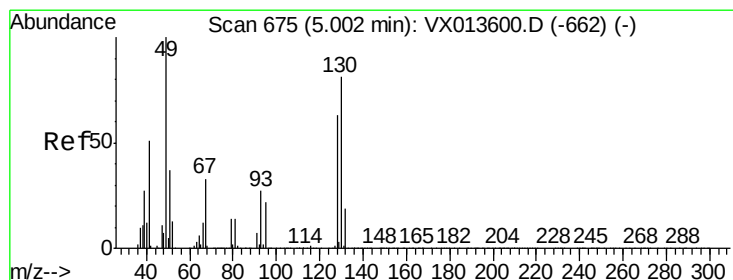
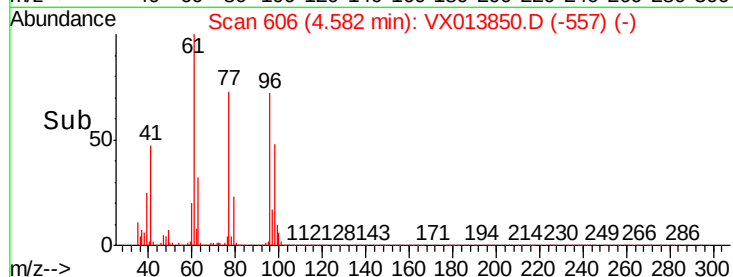
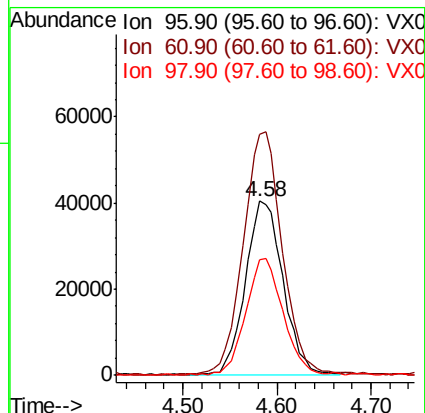
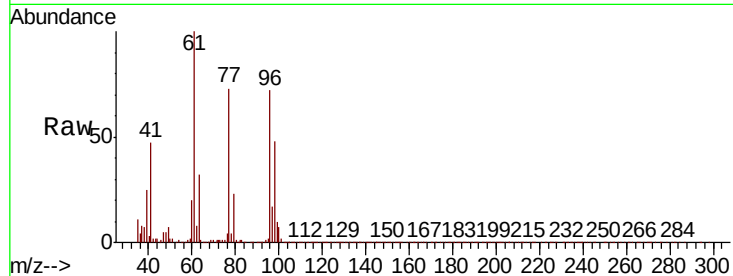


#27

cis-1,2-Dichloroethene
Concen: 16.205 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

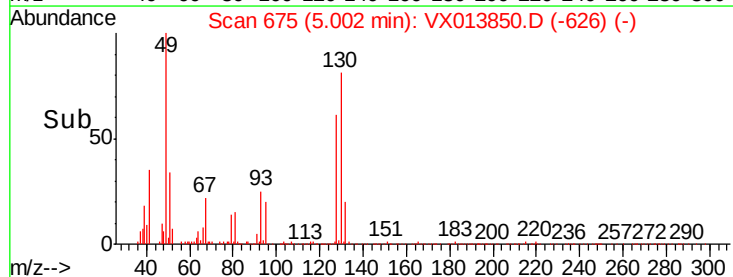
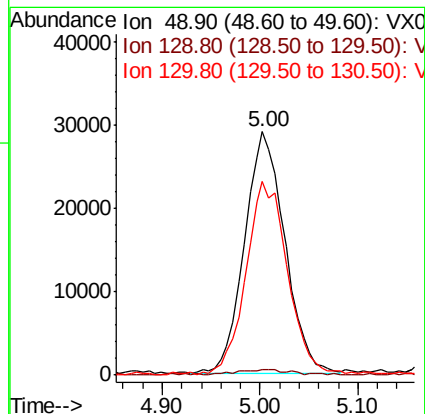
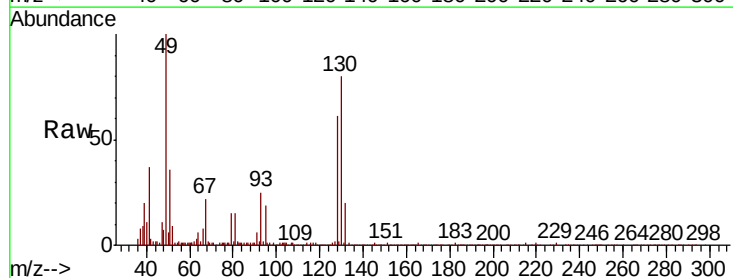
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	286.4
98	66.7	0.0	127.4

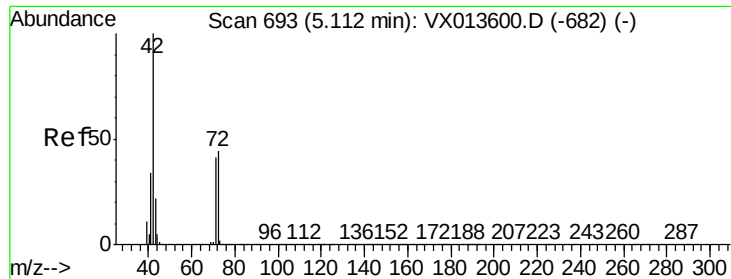


#28

Bromochloromethane
Concen: 19.869 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	5.0
130	81.7	65.4	98.0

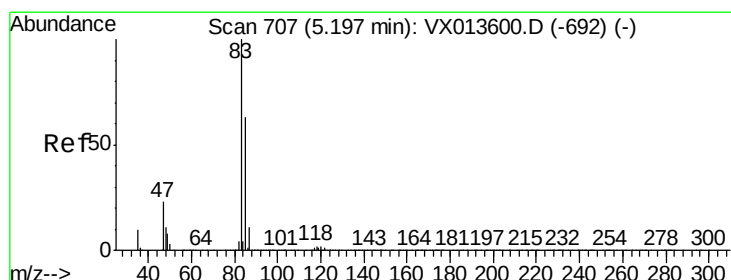
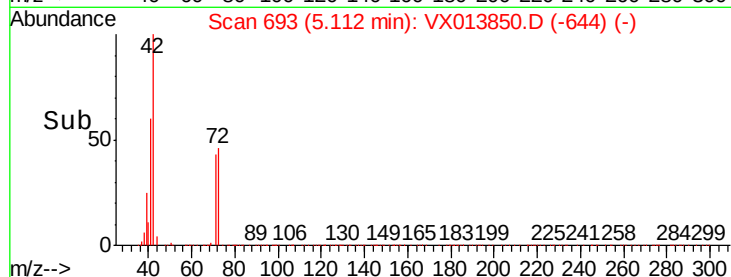
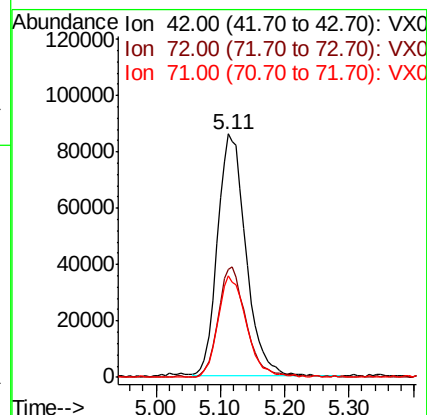
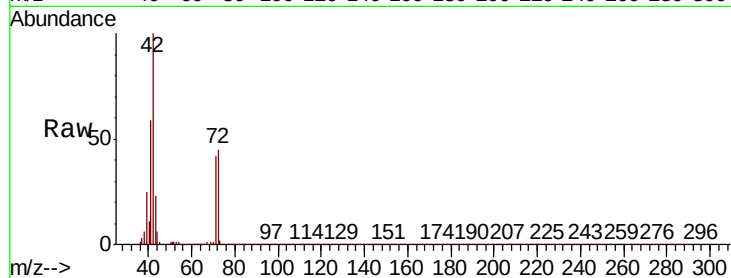




#29
Tetrahydrofuran
Concen: 87.420 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

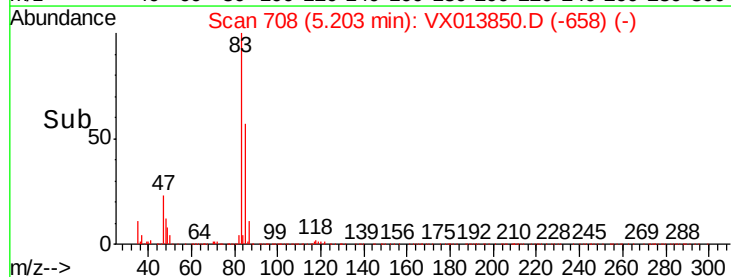
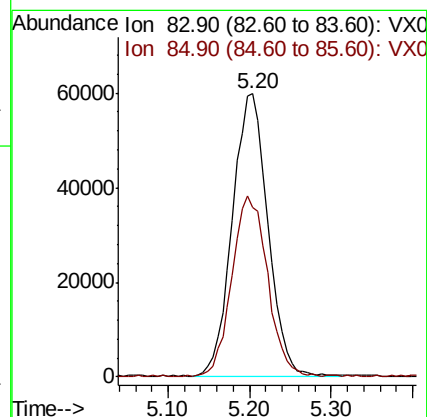
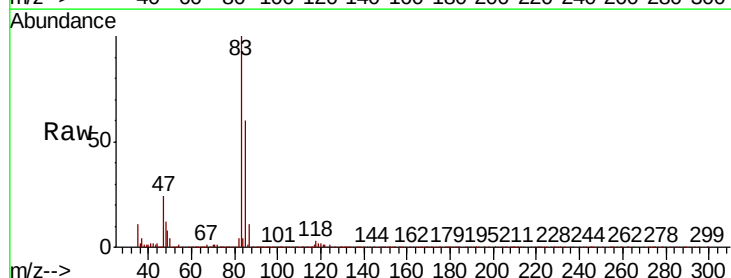
Instrument :
MSVOA_X
ClientSampled :
VX1209WBS01

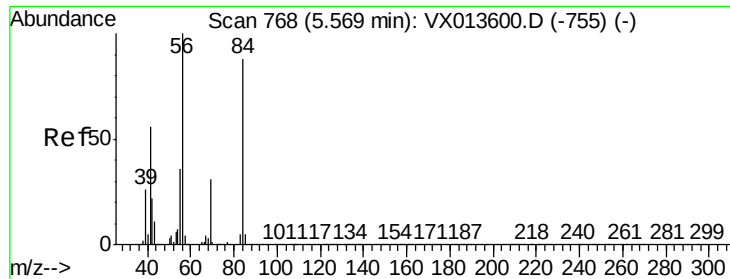
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.3	54.5
71	40.9	33.2	49.8



#30
Chloroform
Concen: 16.741 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.2	75.4

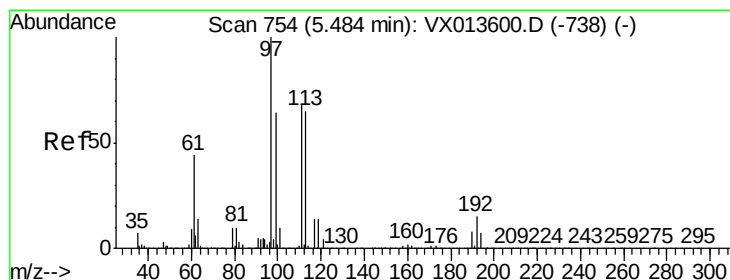
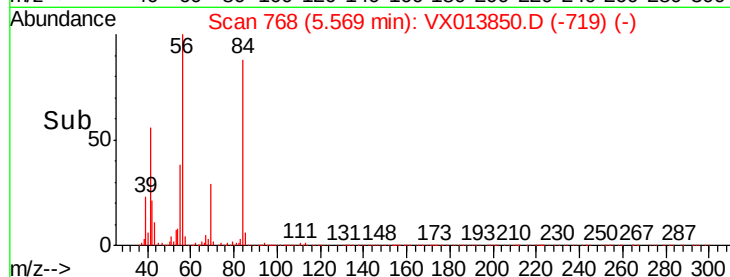
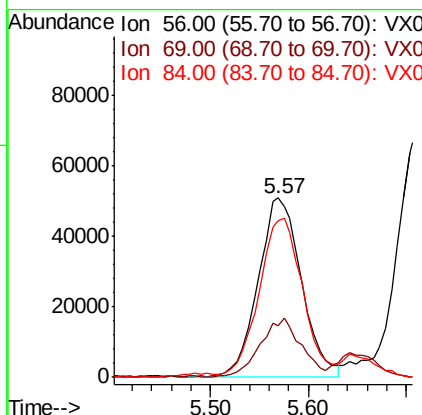
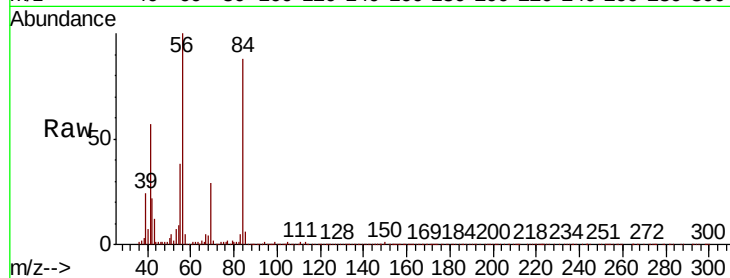




#31
Cyclohexane
Concen: 15.519 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

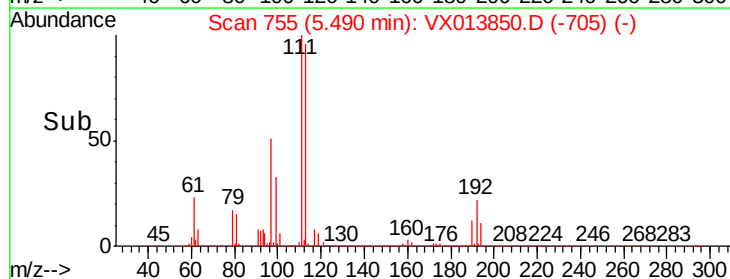
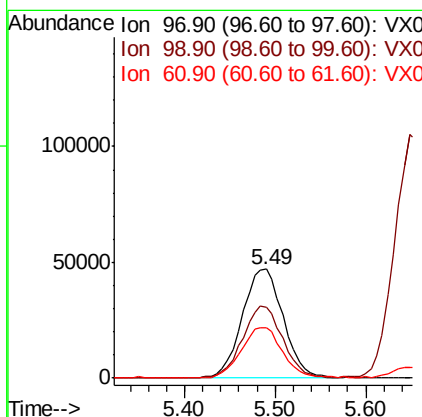
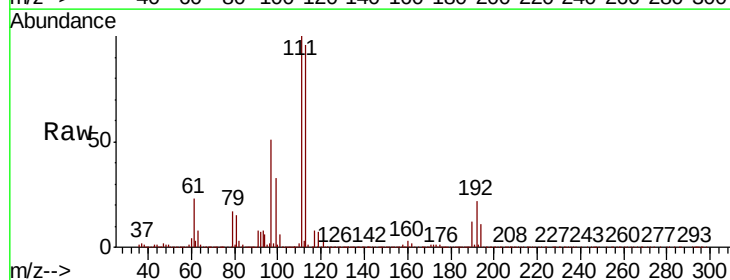
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

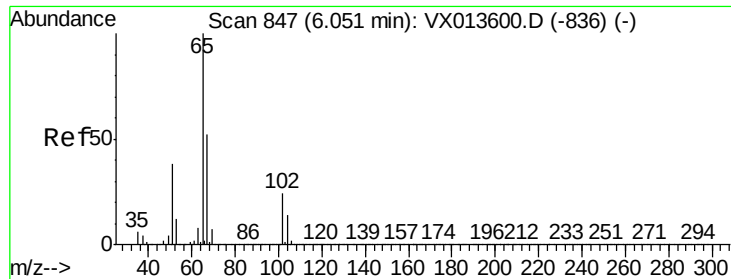
Tot Ion: 56 Resp: 155190
Ion Ratio Lower Upper
56 100
69 28.5 24.6 36.8
84 86.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 16.336 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 97 Resp: 146784
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.7 36.1 54.1

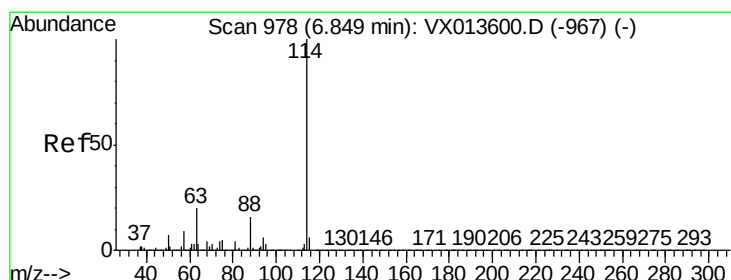
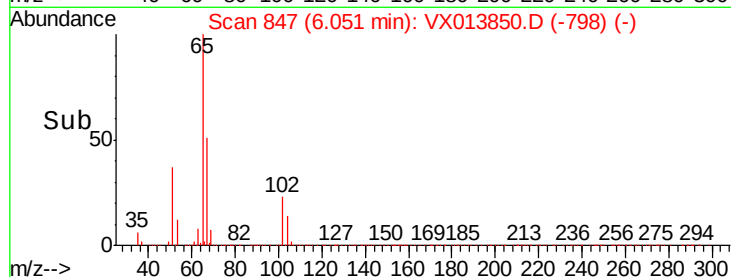
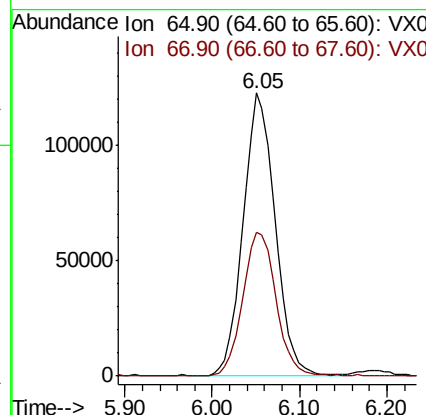
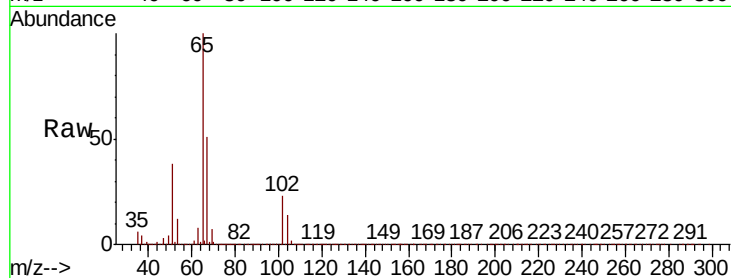




#33
 1,2-Dichloroethane-d4
 Concen: 46.239 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

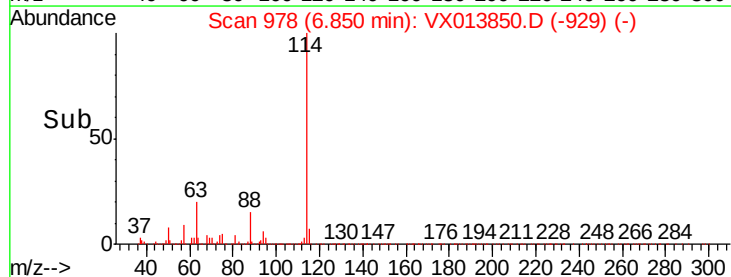
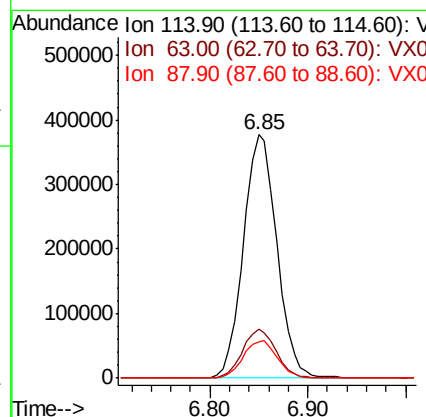
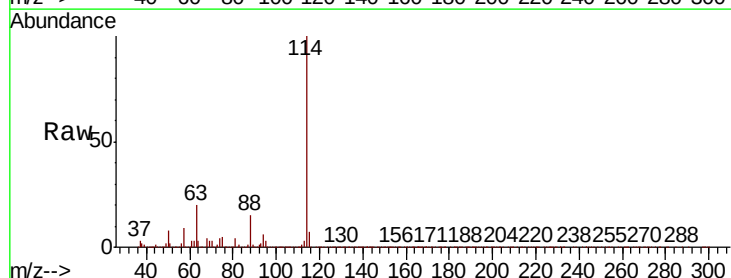
Instrument :
 MSVOA_X
 ClientSampled :
 VX1209WBS01

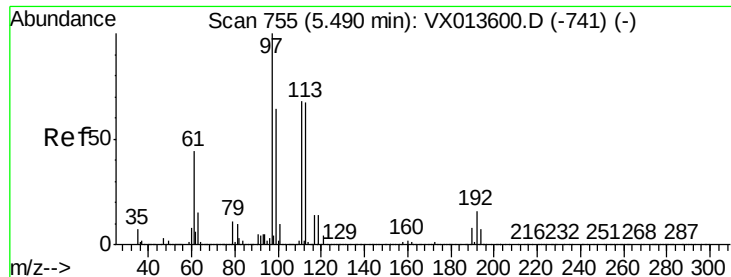
Tot Ion: 65 Resp: 313014
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion: 114 Resp: 892064
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.384 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

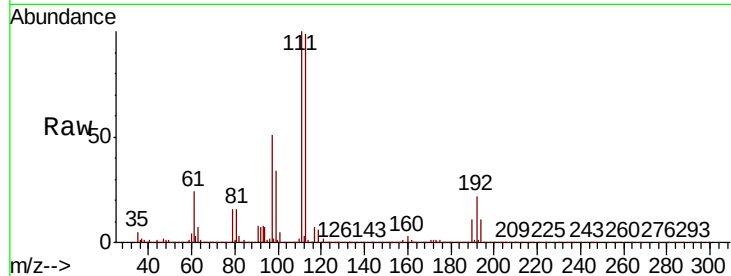
Tot Ion:113 Resp: 261314

Ion Ratio Lower Upper

113 100

111 102.6 83.6 125.4

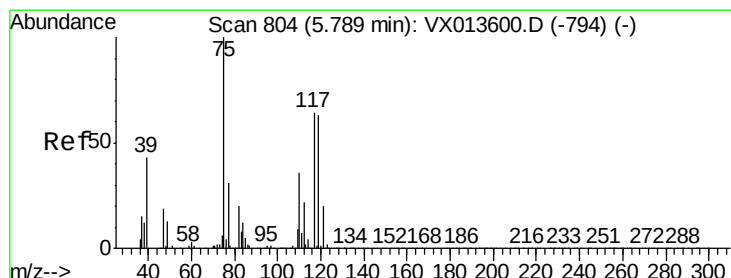
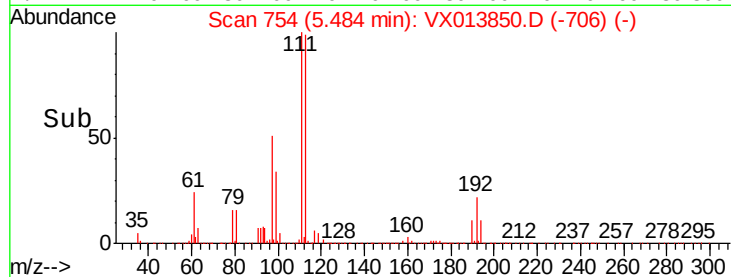
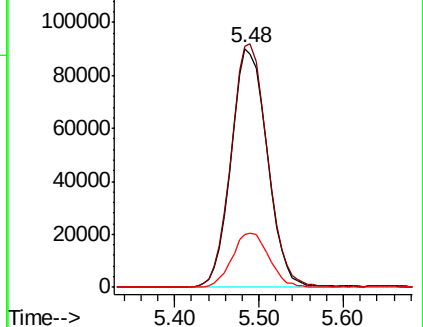
192 23.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.137 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

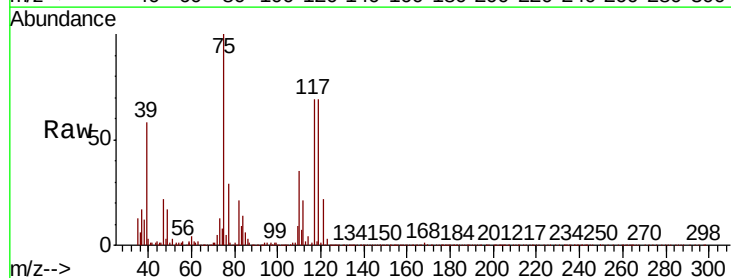
Tgt Ion: 75 Resp: 130675

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.1

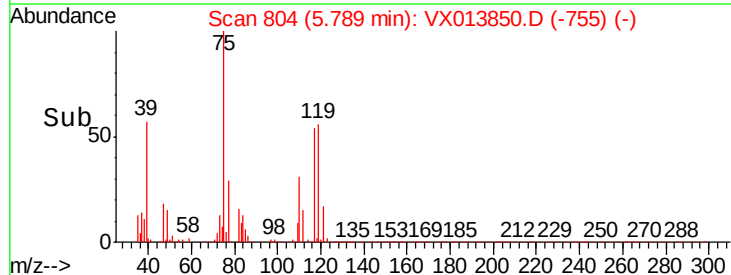
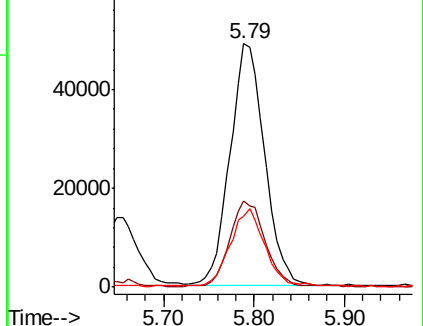
77 31.2 24.5 36.7

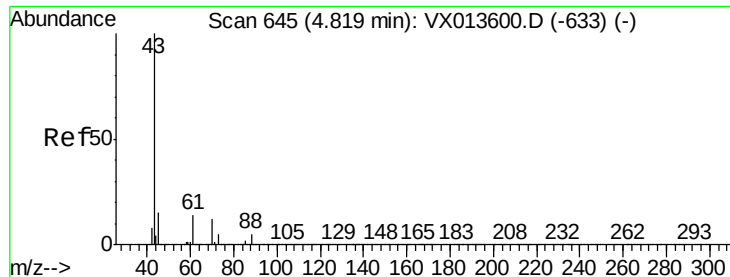


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

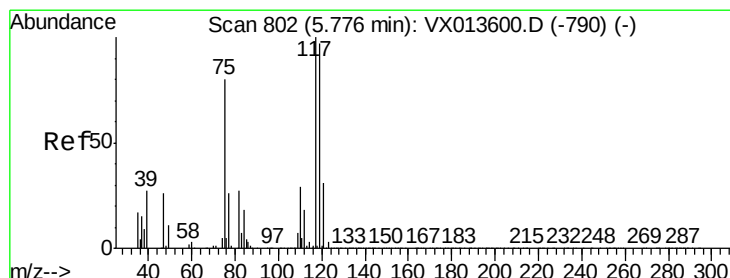
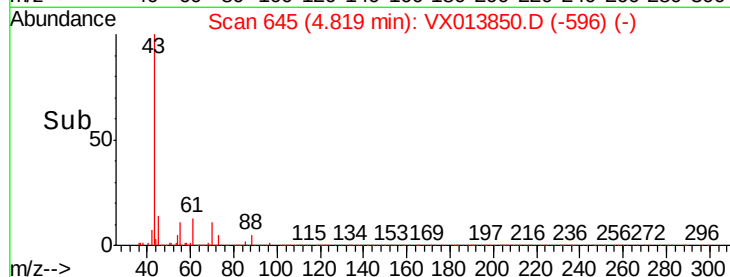
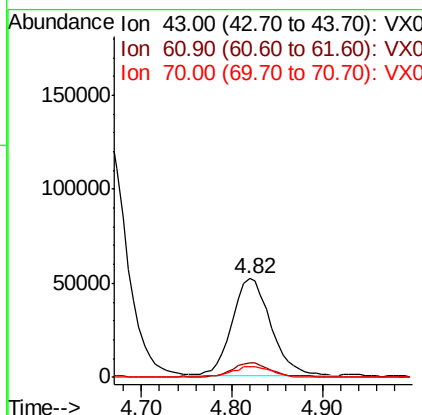
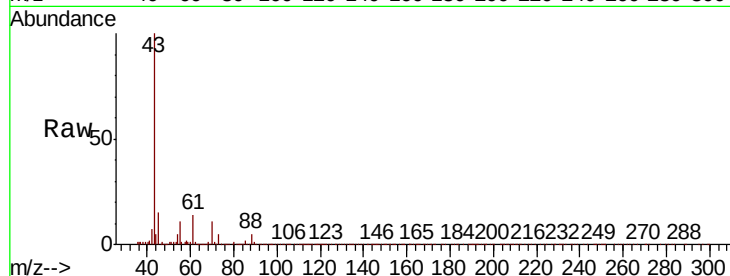




#37
Ethyl Acetate
Concen: 16.857 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

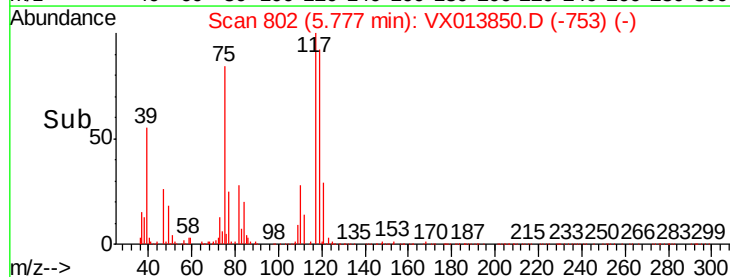
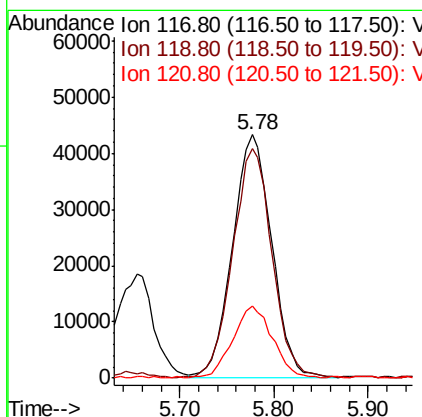
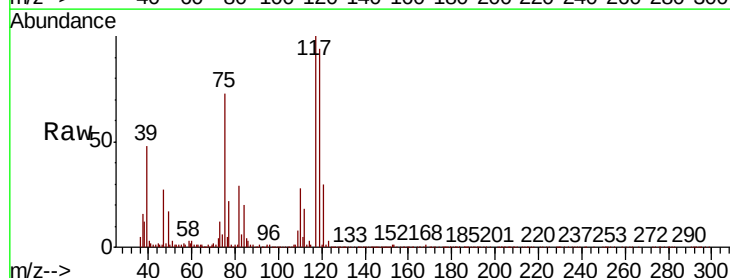
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

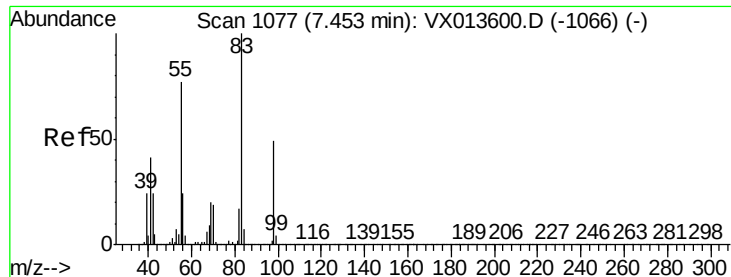
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	12.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 16.694 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
121	29.4	25.0	37.6

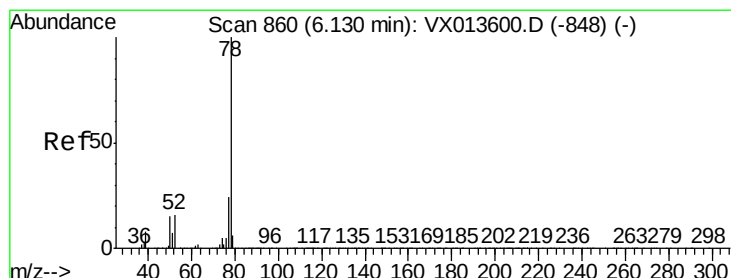
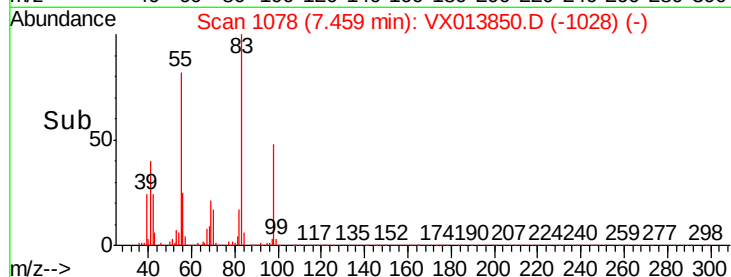
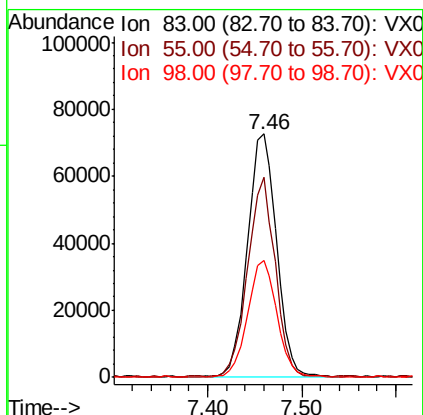
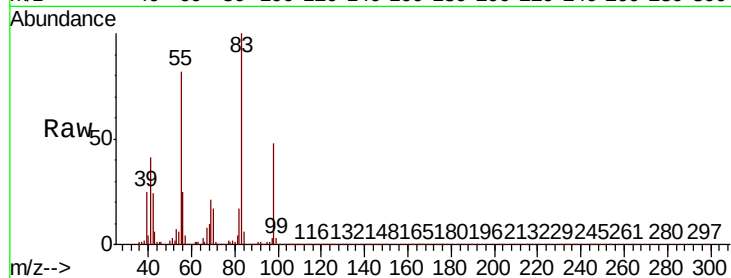




#39
Methvlcvclohexane
Concen: 15.572 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

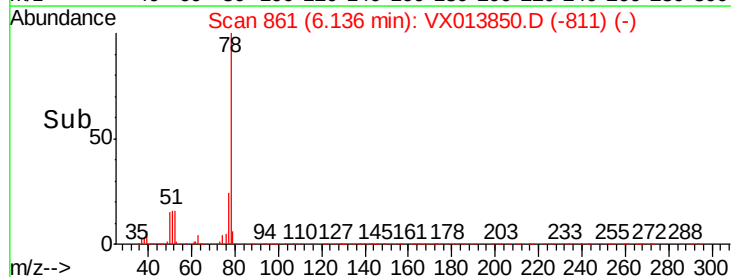
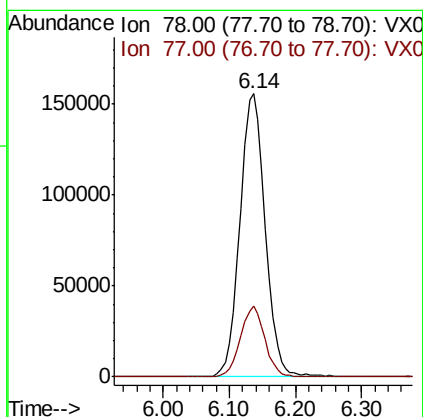
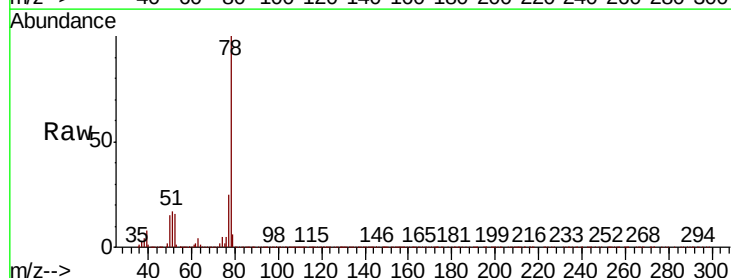
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

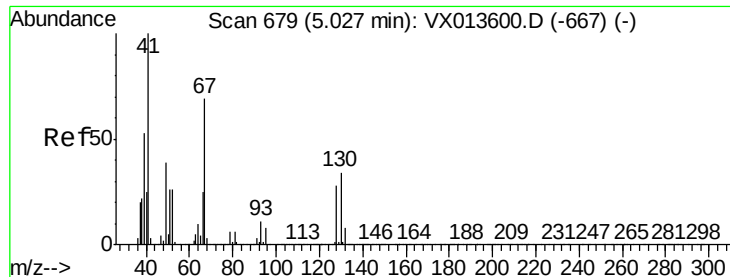
Tot Ion	83.00	Resp	155872
Ion Ratio	Lower	Upper	
83	100		
55	81.7	61.9	92.9
98	48.4	39.4	59.0



#40
Benzene
Concen: 16.697 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	78.00	Resp	411801
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.0	28.4

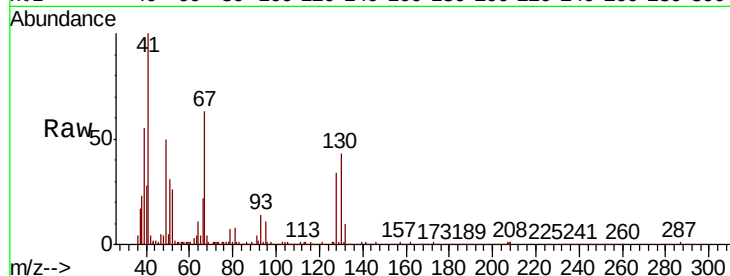




#41
Methacrylonitrile
Concen: 17.318 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion:	41	Resp:	86278
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.9	64.3
67	72.9	57.4	86.0
52	28.9	22.4	33.6



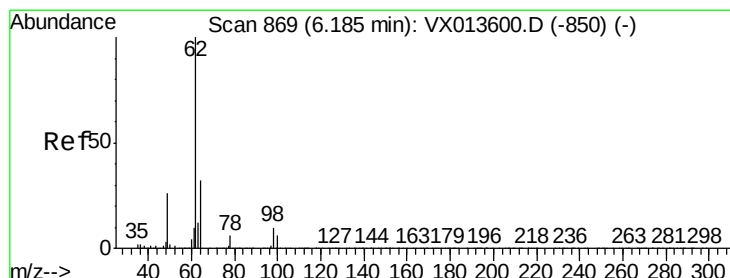
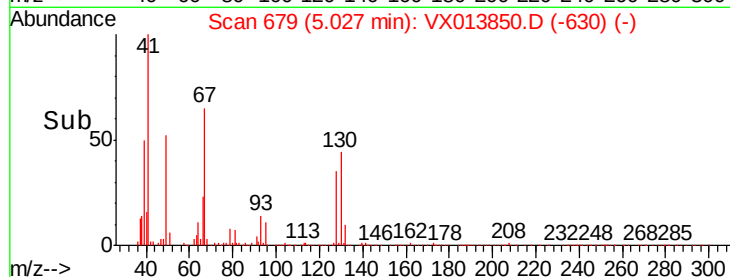
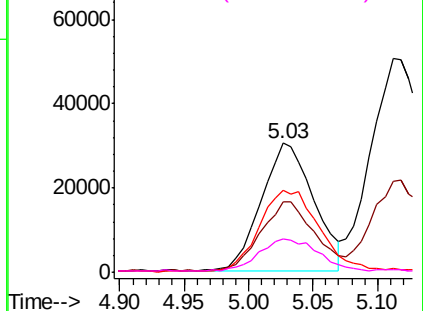
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

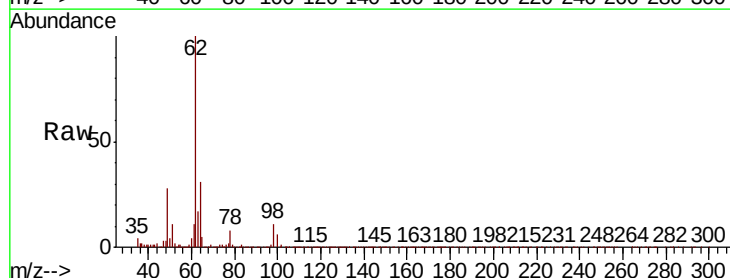
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 17.671 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

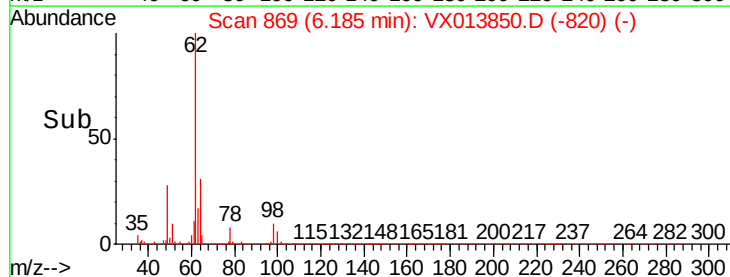
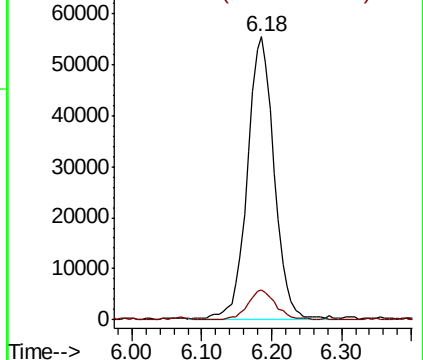
Tgt Ion:	62	Resp:	148633
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8

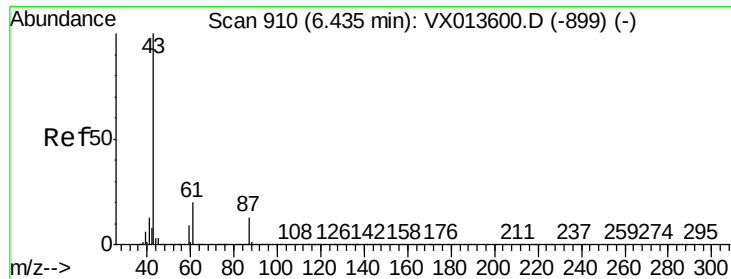


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.727 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

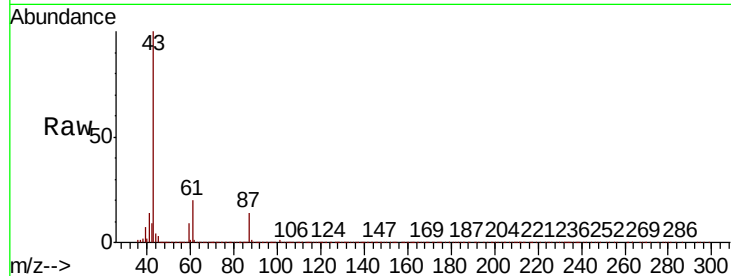
Tot Ion: 43 Resp: 250162

Ion Ratio Lower Upper

43 100

61 20.1 16.3 24.5

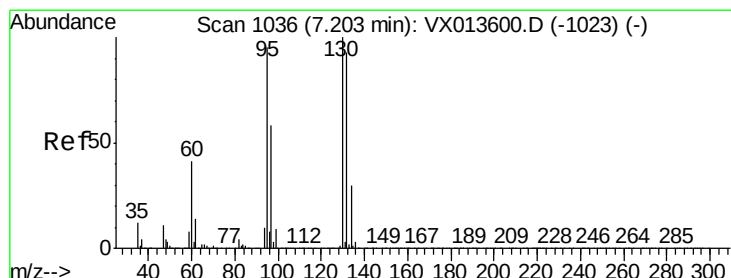
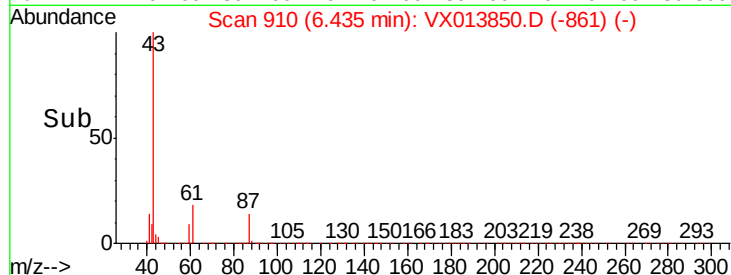
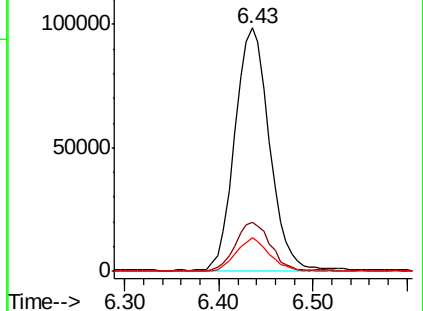
87 13.2 10.8 16.2



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: 15.991 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013850.D

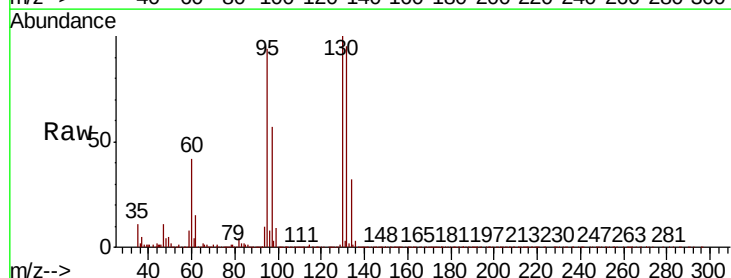
Acq: 09 Dec 2019 14:37

Tgt Ion: 130 Resp: 108237

Ion Ratio Lower Upper

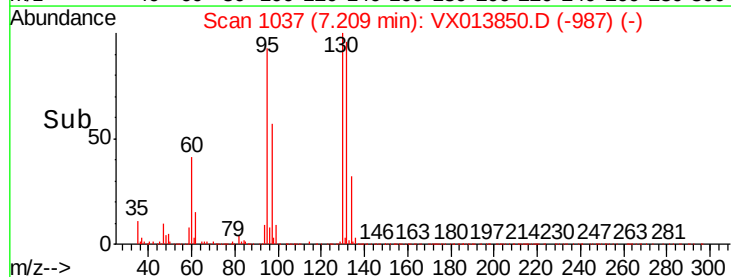
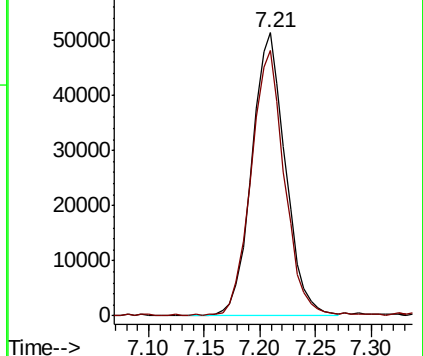
130 100

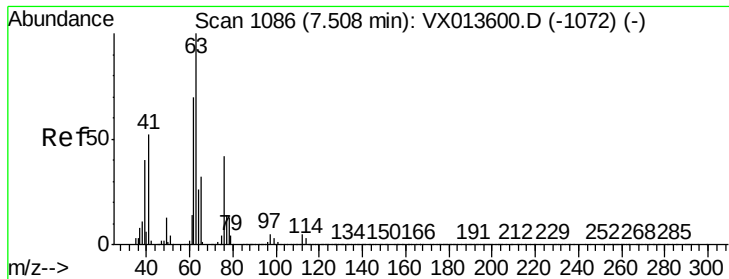
95 93.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

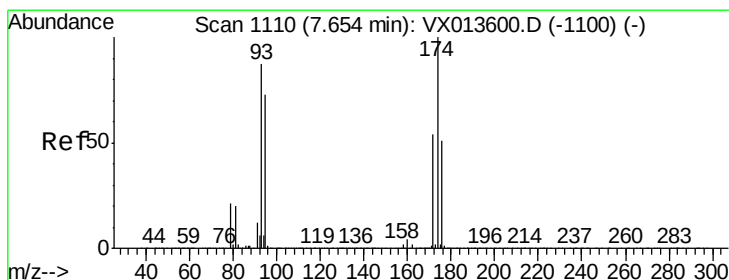
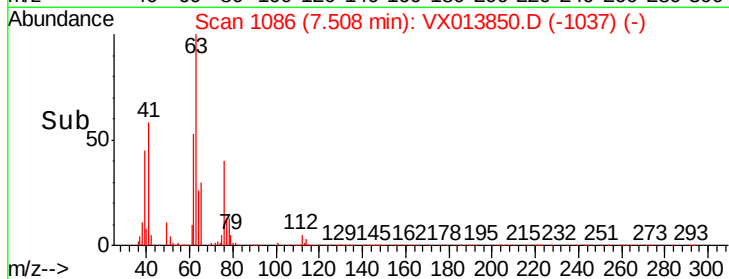
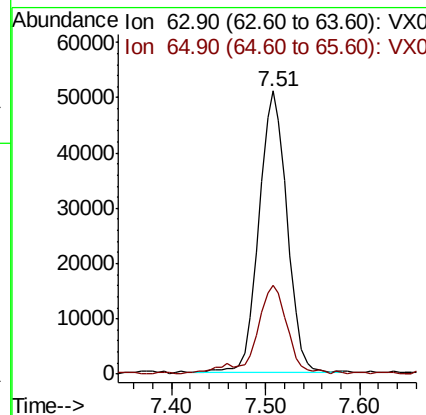
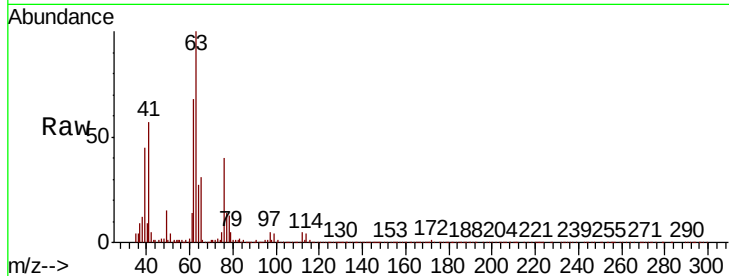




#45
 1,2-Dichloropropane
 Concen: 17.350 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

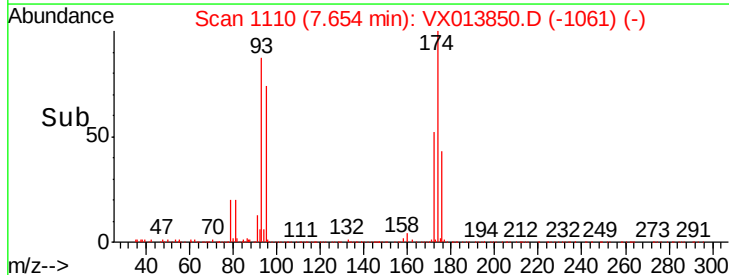
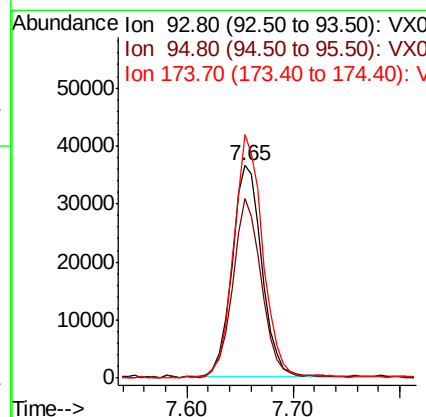
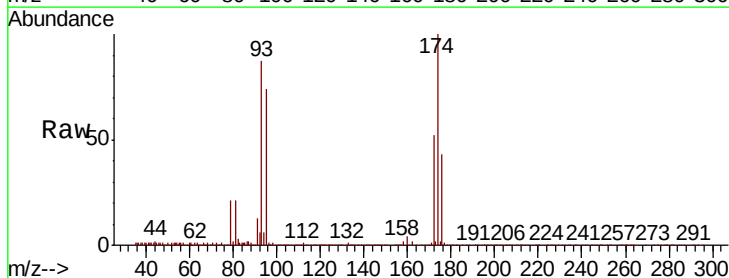
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

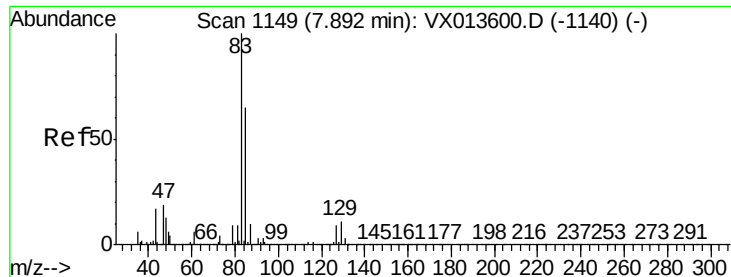
Tot Ion: 63 Resp: 107062
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.5 38.3



#46
 Dibromomethane
 Concen: 17.018 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion: 93 Resp: 71320
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.2 99.2
 174 112.7 93.4 140.0





#47

Bromodichloromethane

Concen: 16.834 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

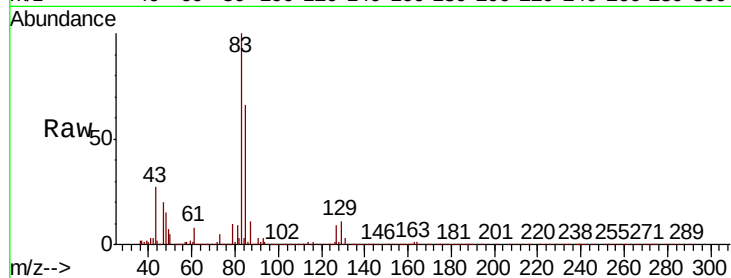
Tot Ion: 83 Resp: 133371

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1

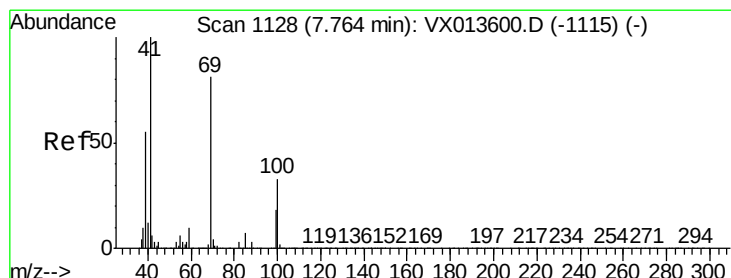
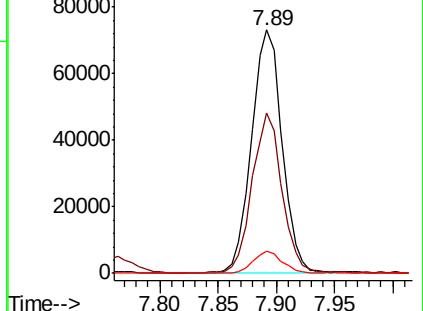
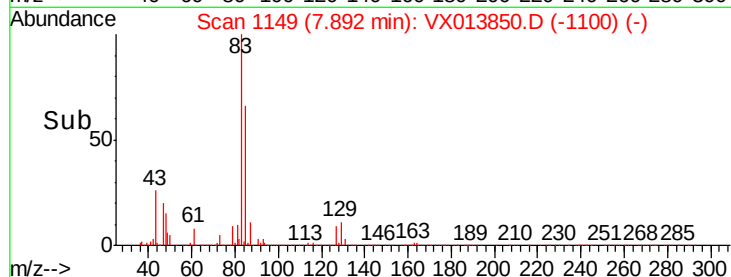
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.906 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

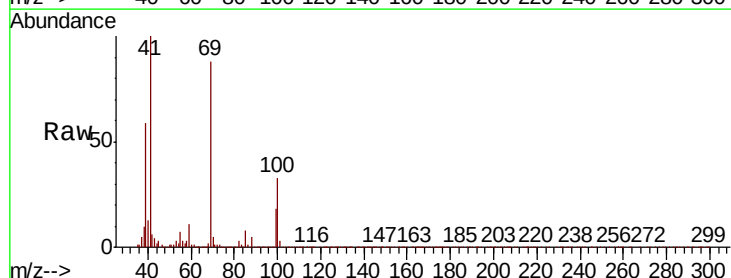
Tgt Ion: 41 Resp: 122848

Ion Ratio Lower Upper

41 100

69 82.8 64.7 97.1

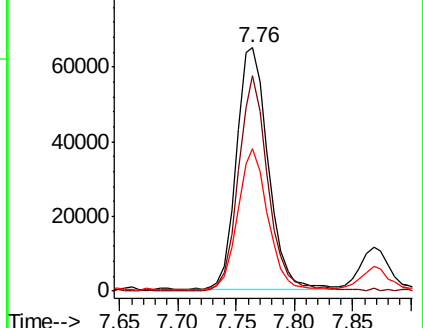
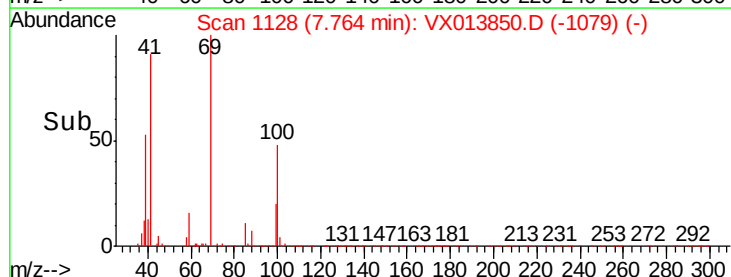
39 55.6 43.8 65.6

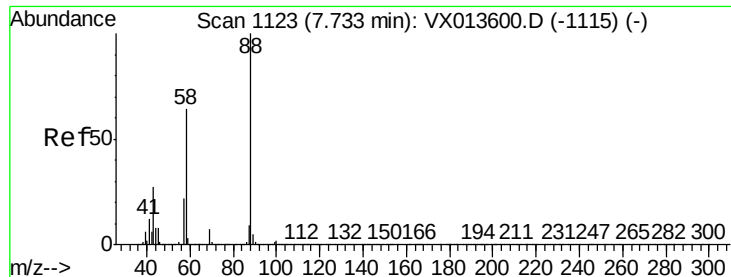


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 318.095 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1209WBS01

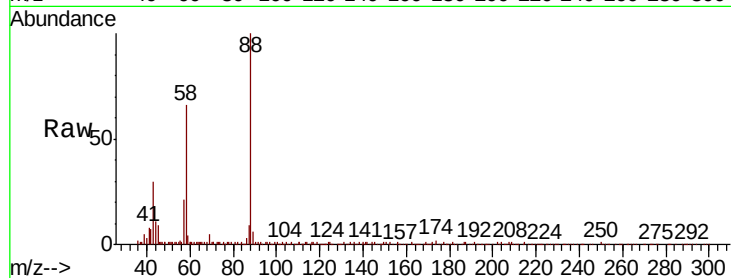
Tot Ion: 88 Resp: 51740

Ion Ratio Lower Upper

88 100

43 36.8 25.8 38.6

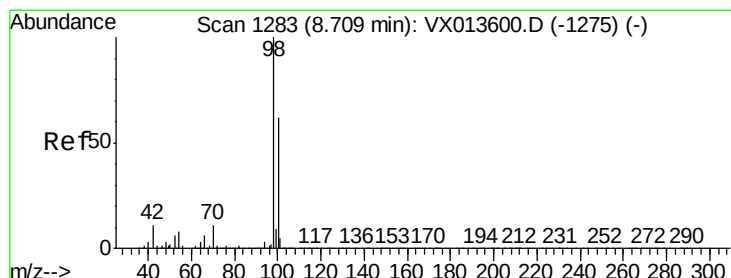
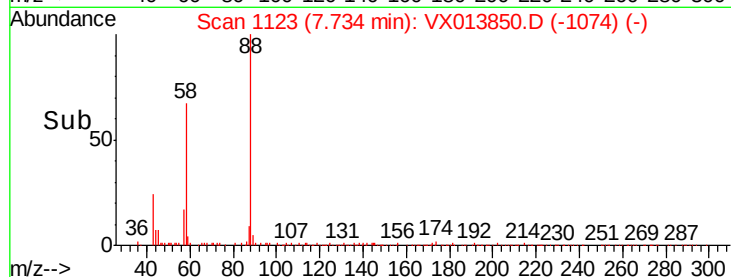
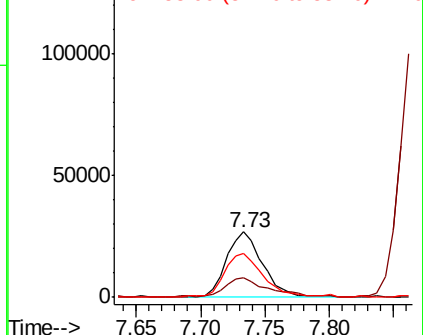
58 72.9 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.316 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013850.D

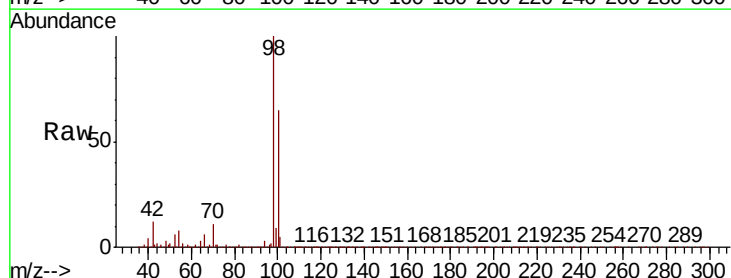
Acq: 09 Dec 2019 14:37

Tgt Ion: 98 Resp: 973687

Ion Ratio Lower Upper

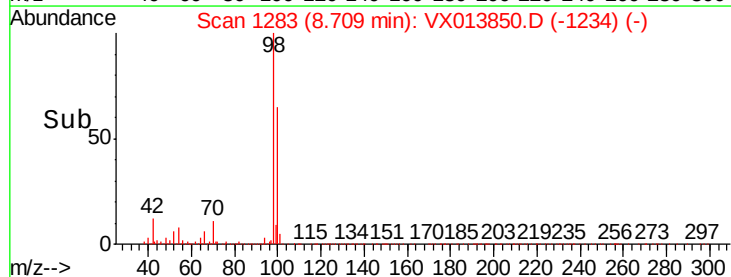
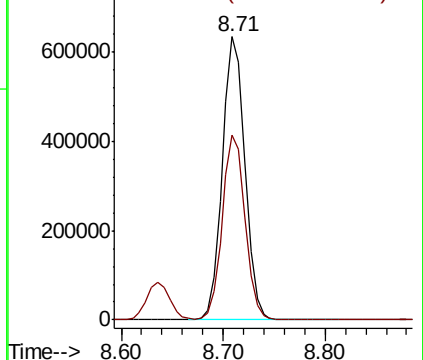
98 100

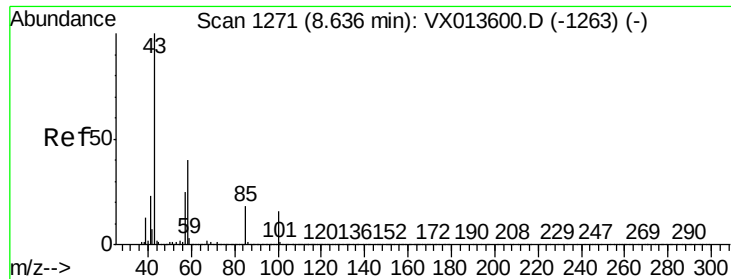
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 86.650 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

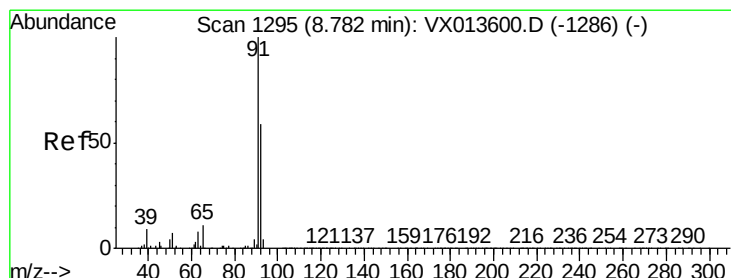
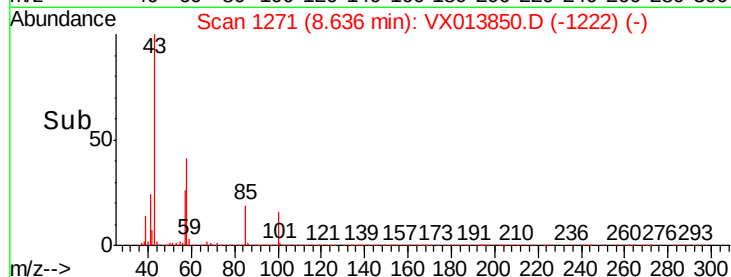
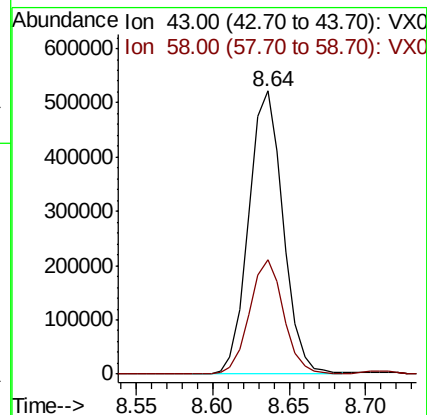
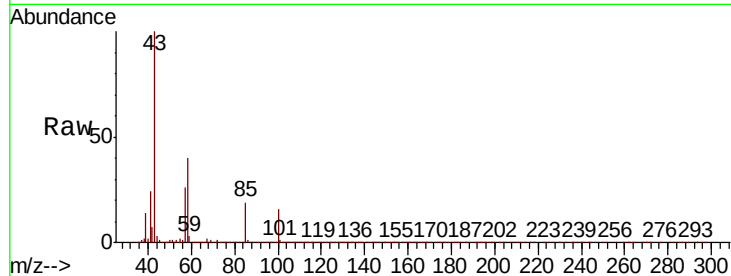
VX1209WBS01

Tot Ion: 43 Resp: 815166

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 16.805 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013850.D

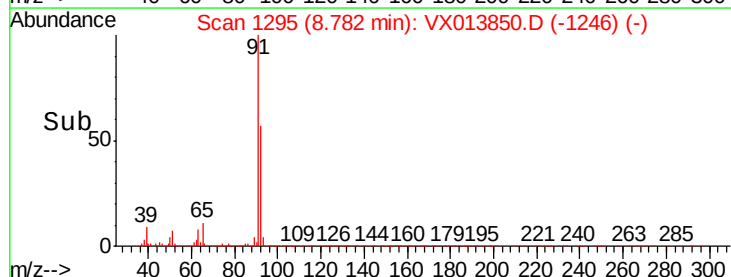
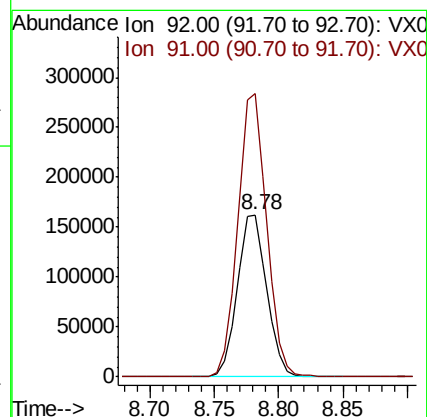
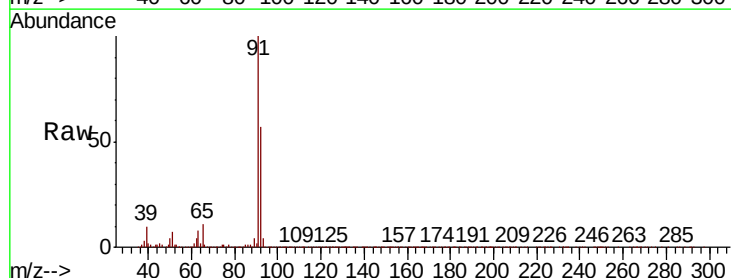
Acq: 09 Dec 2019 14:37

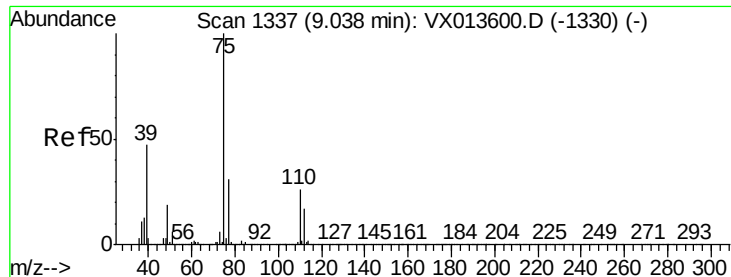
Tgt Ion: 92 Resp: 257474

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 15.601 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

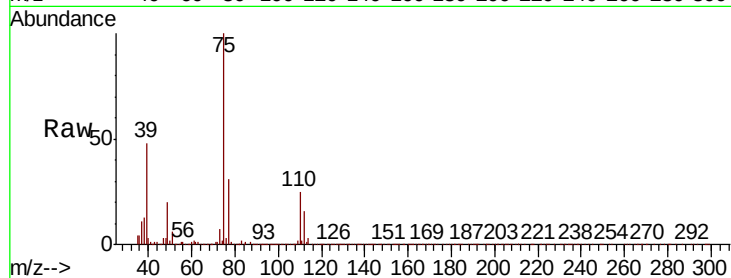
VX1209WBS01

Tot Ion: 75 Resp: 140691

Ion Ratio Lower Upper

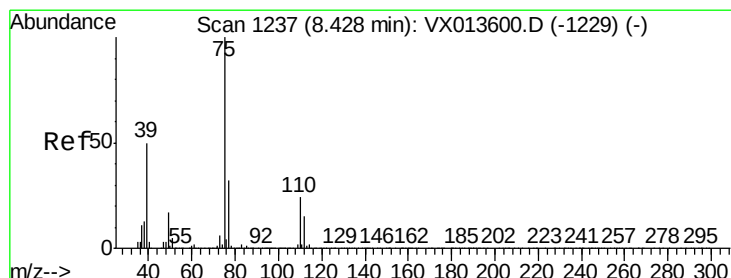
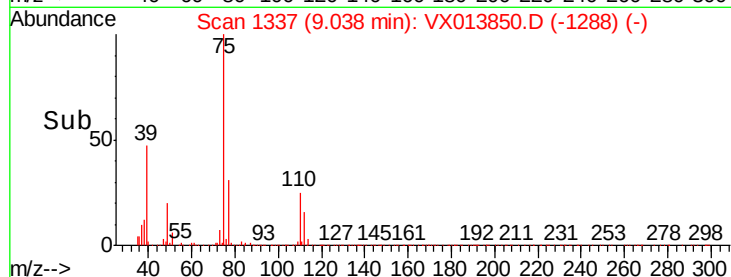
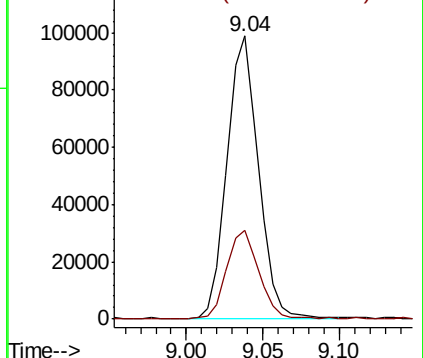
75 100

77 31.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.184 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

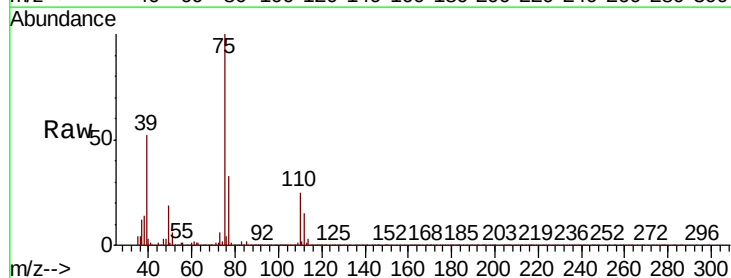
Tgt Ion: 75 Resp: 159453

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

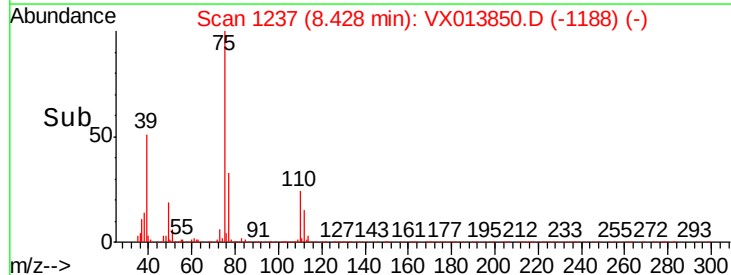
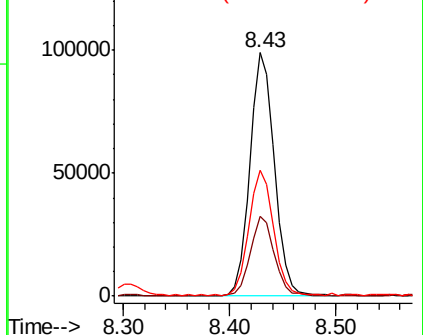
39 51.6 39.9 59.9

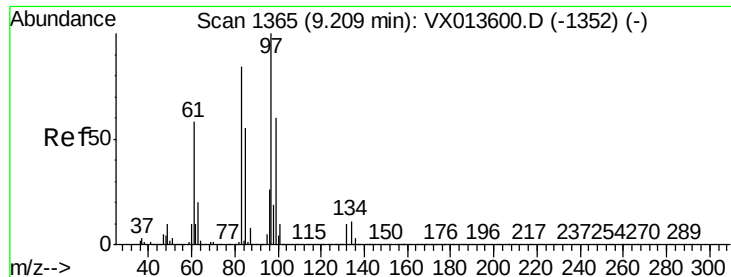


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 17.573 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1209WBS01

Tot Ion: 97 Resp: 108502

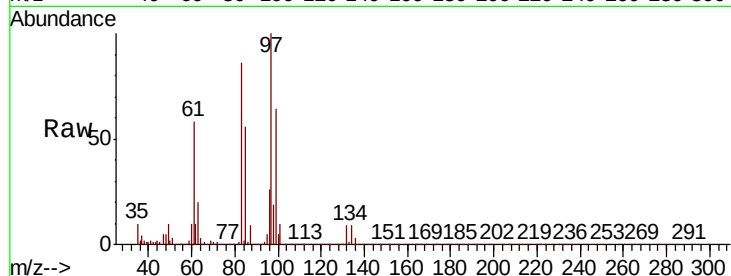
Ion Ratio Lower Upper

97 100

83 86.0 67.3 100.9

85 55.7 43.6 65.4

99 63.7 48.2 72.4

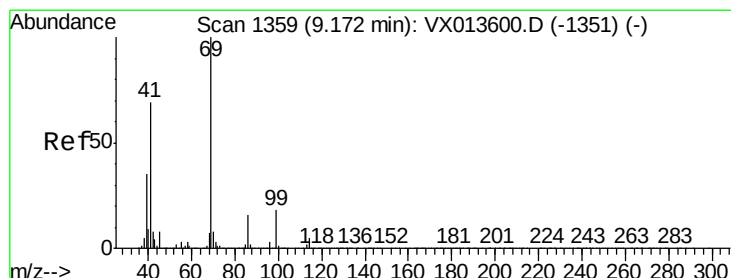
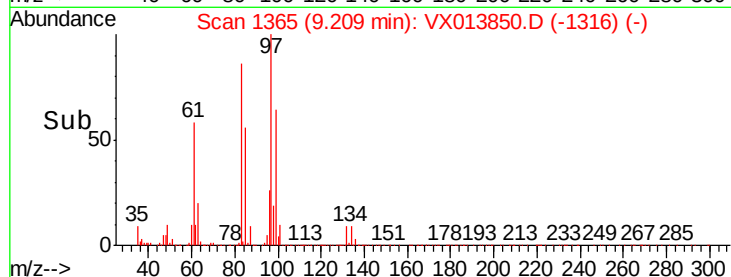
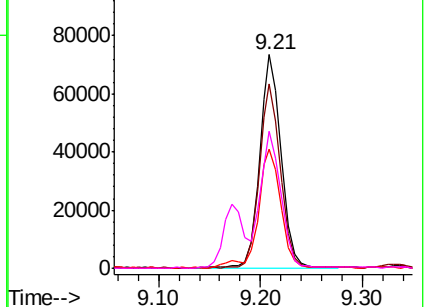


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 16.495 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

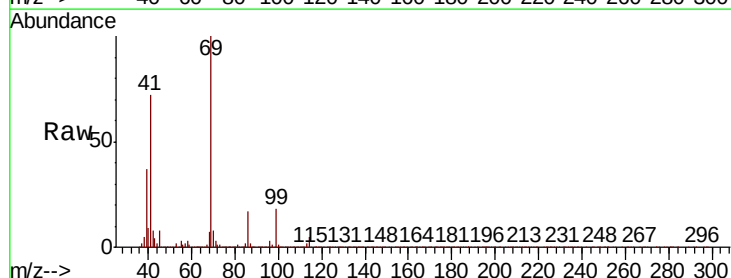
Tgt Ion: 69 Resp: 163741

Ion Ratio Lower Upper

69 100

41 70.0 55.0 82.4

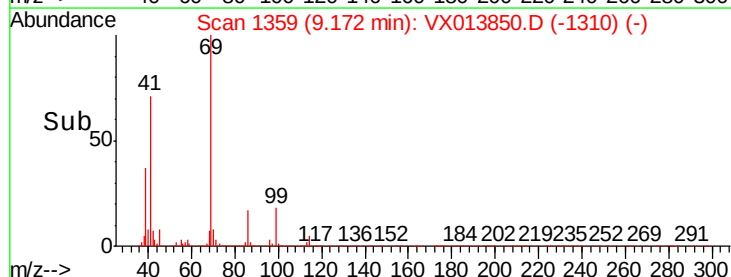
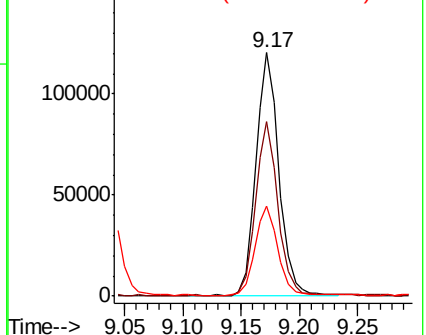
39 36.7 28.7 43.1

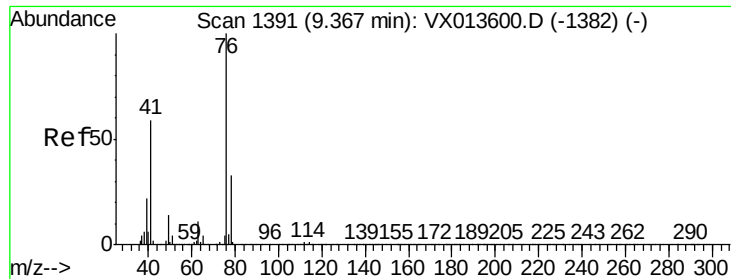


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 16.925 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

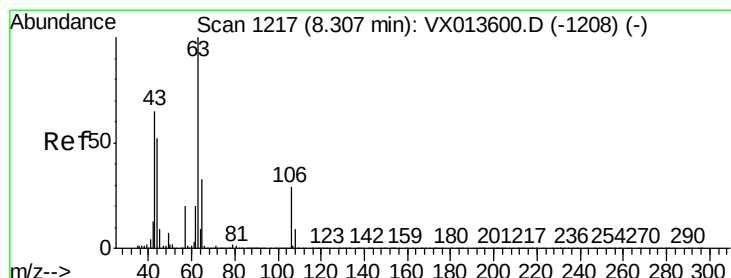
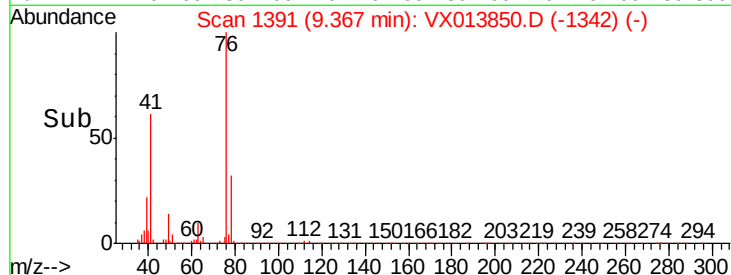
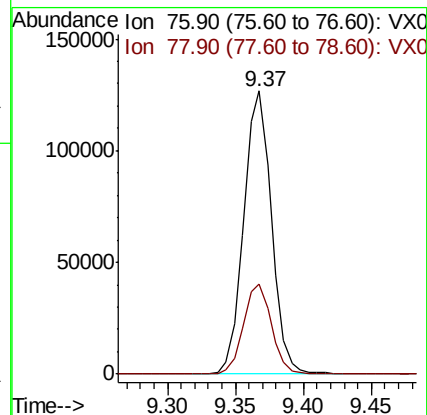
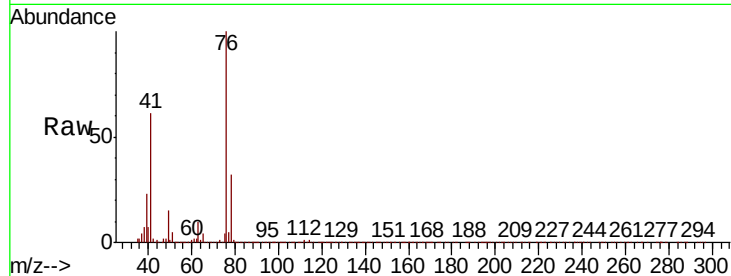
VX1209WBS01

Tot Ion: 76 Resp: 180120

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.325 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013850.D

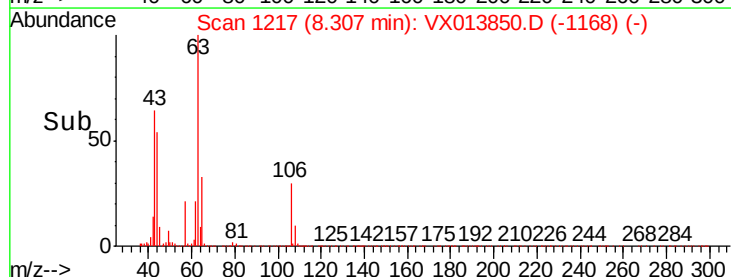
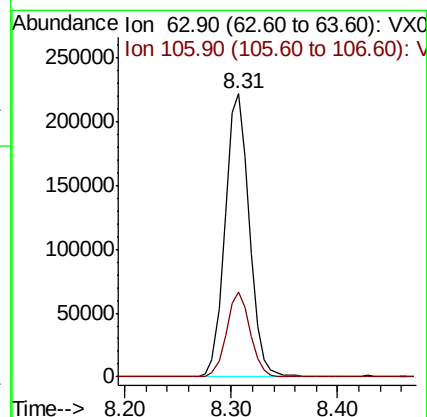
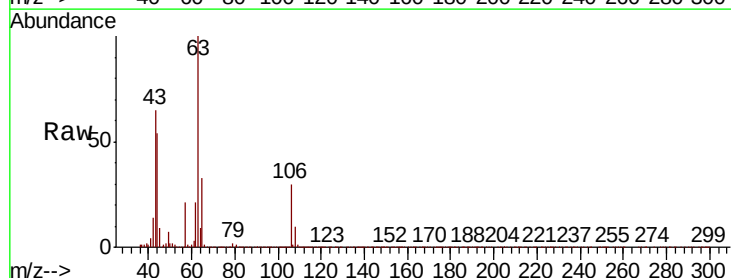
Acq: 09 Dec 2019 14:37

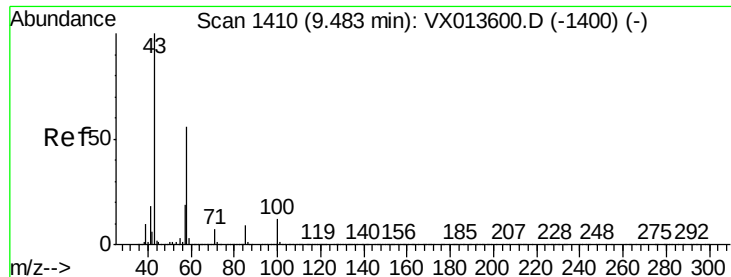
Tgt Ion: 63 Resp: 351546

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0

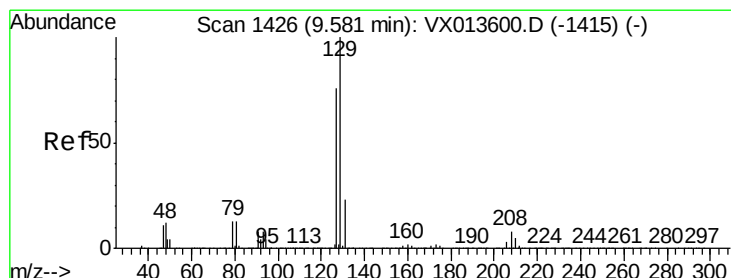
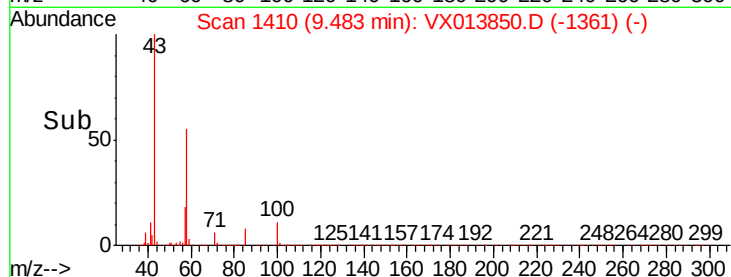
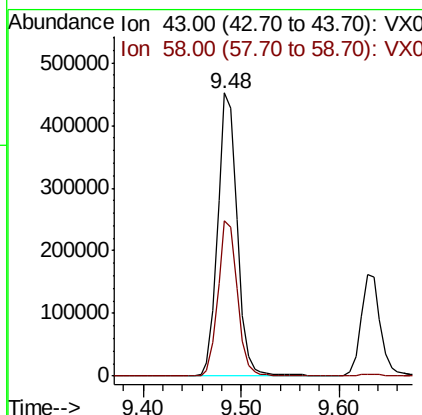
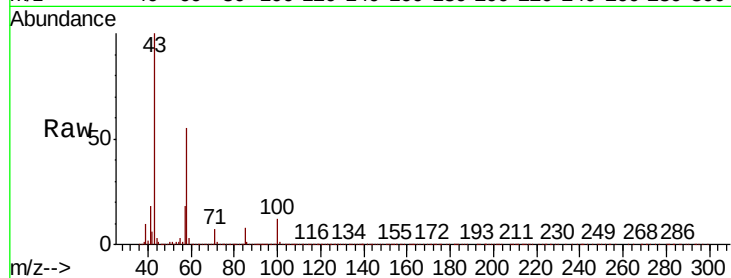




#59
2-Hexanone
Concen: 84.988 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

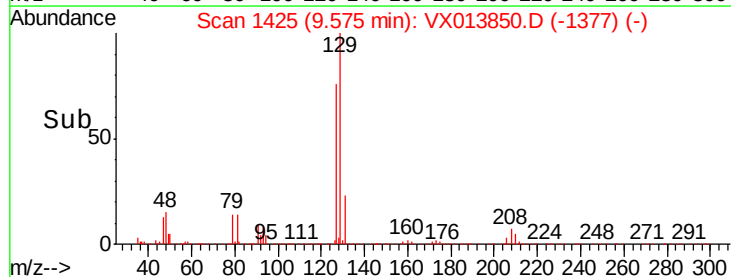
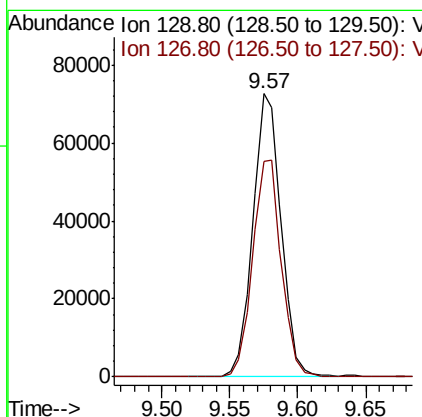
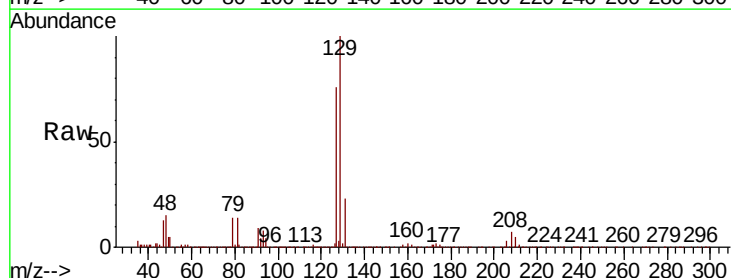
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

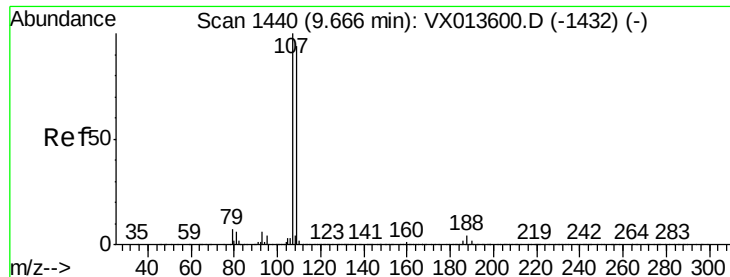
Tot Ion: 43 Resp: 623570
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4



#60
Dibromochloromethane
Concen: 16.442 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 129 Resp: 105354
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.120 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

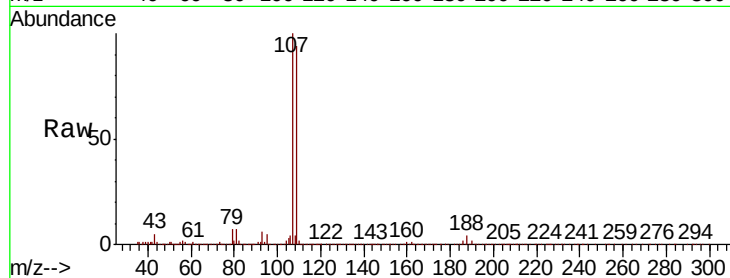
VX1209WBS01

Tot Ion:107 Resp: 112896

Ion Ratio Lower Upper

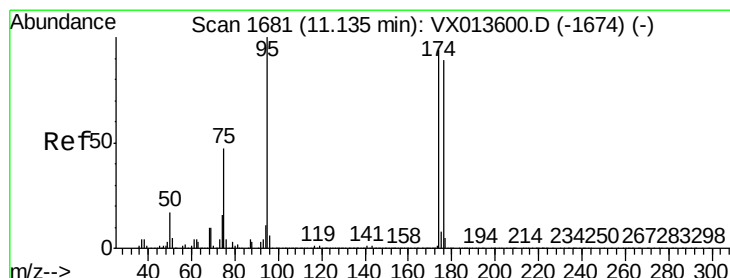
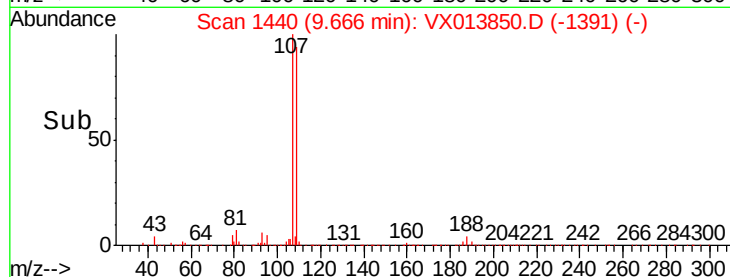
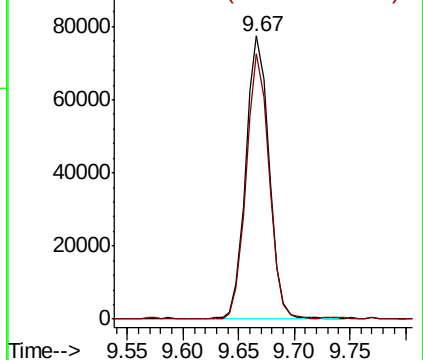
107 100

109 92.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.562 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

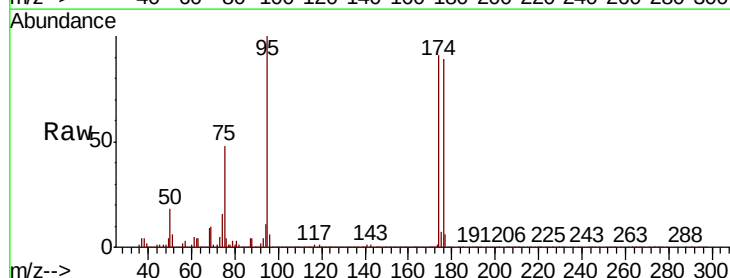
Tgt Ion: 95 Resp: 345271

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

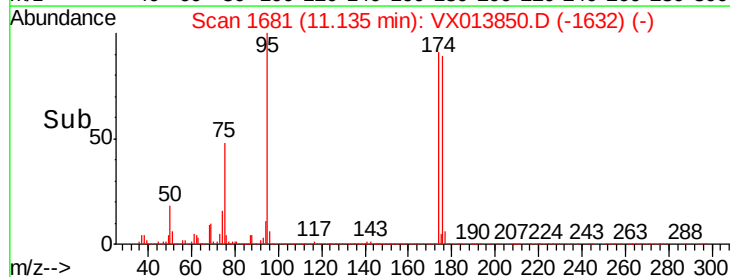
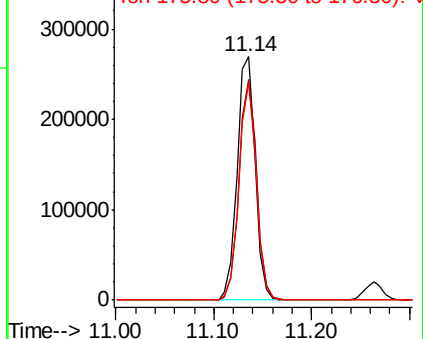
176 85.7 0.0 173.6

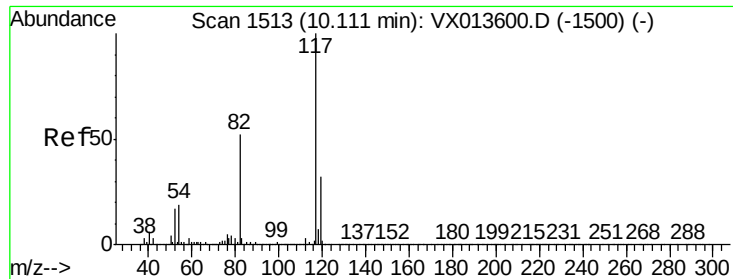


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

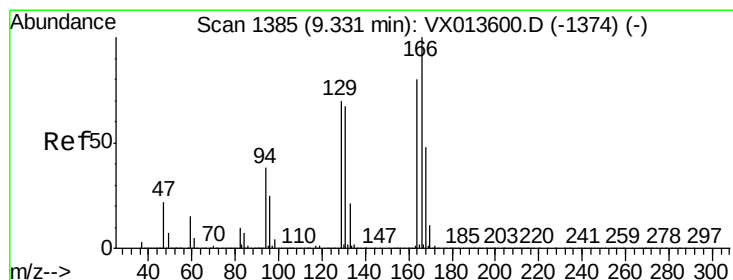
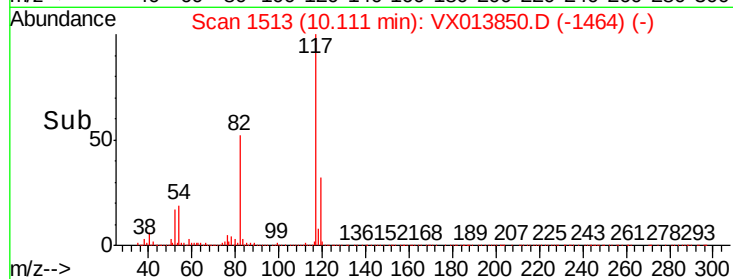
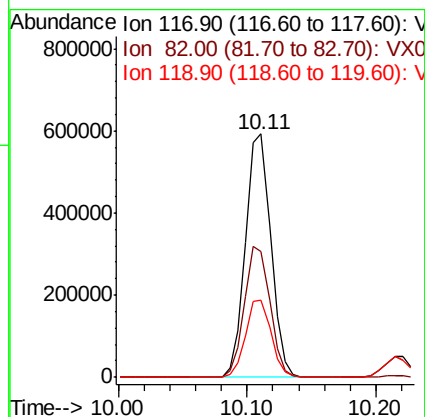
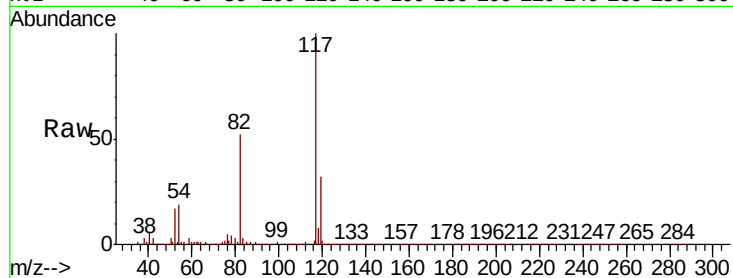




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

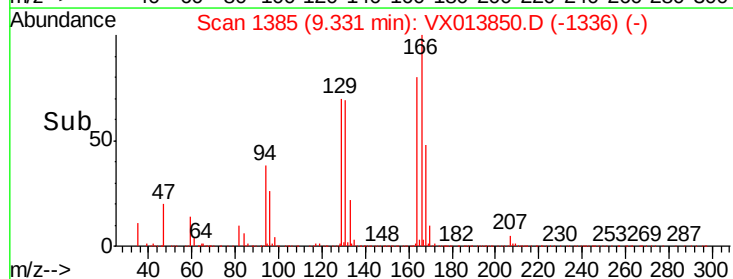
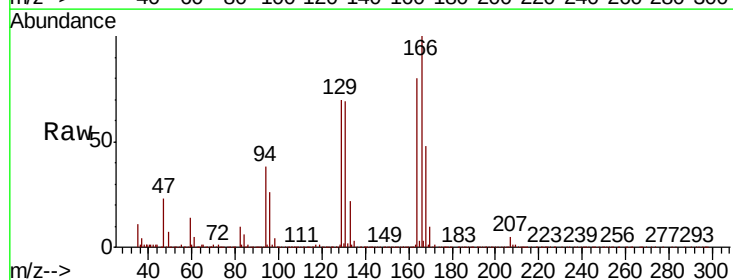
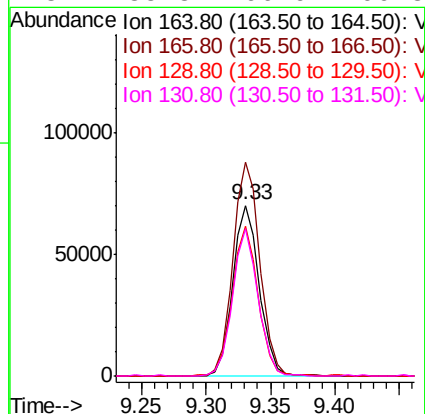
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

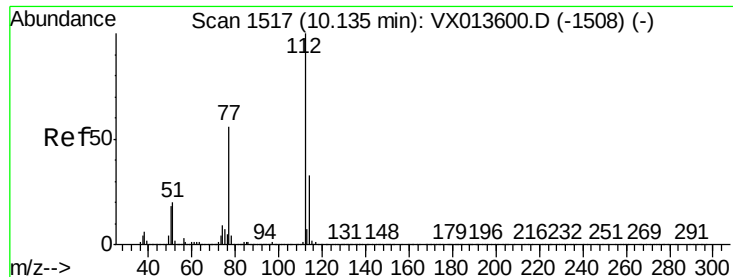
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.8
119	31.9	25.8	38.8



#64
Tetrachloroethene
Concen: 16.780 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	99.7	149.5
129	87.2	70.1	105.1
131	85.8	66.9	100.3





#65

Chlorobenzene

Concen: 16.447 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

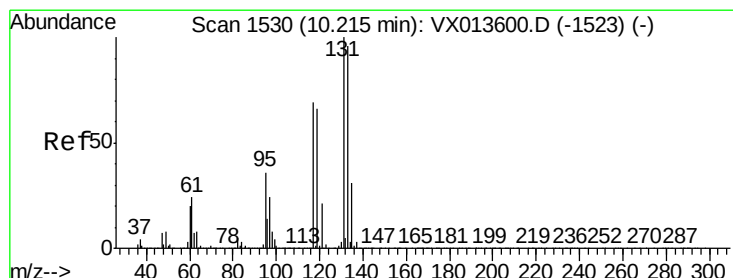
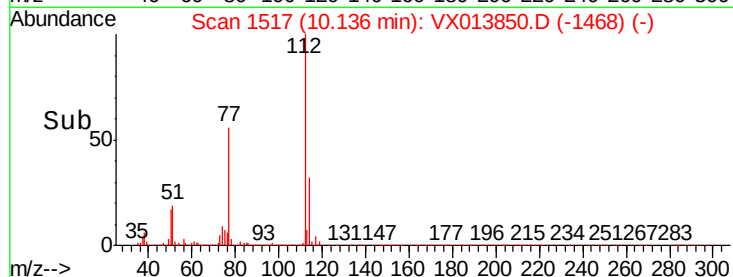
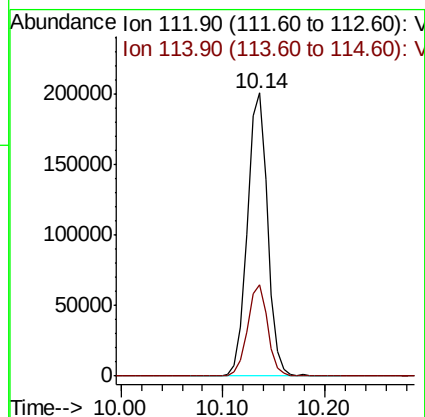
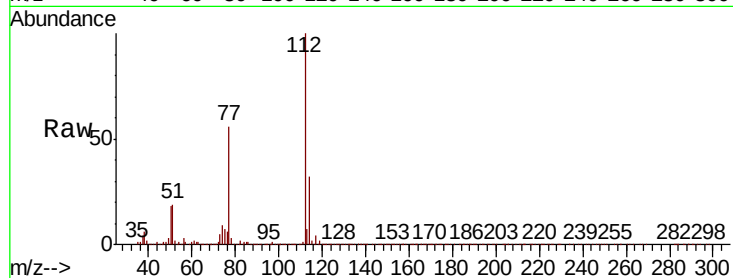
VX1209WBS01

Tot Ion:112 Resp: 274989

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 17.030 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

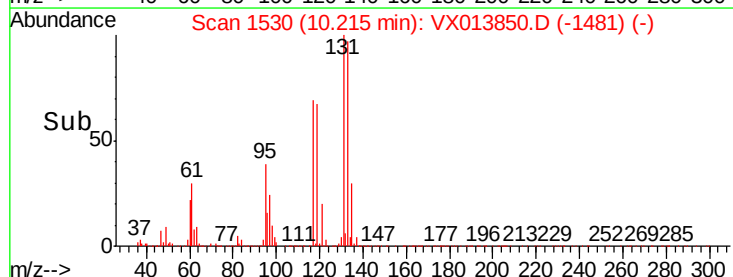
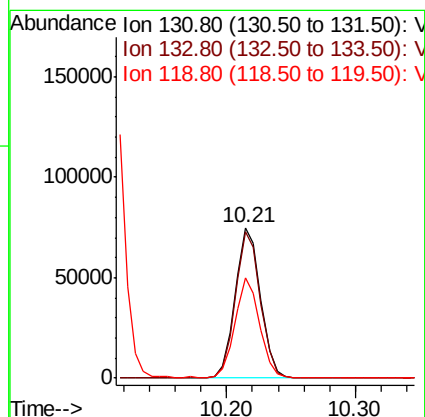
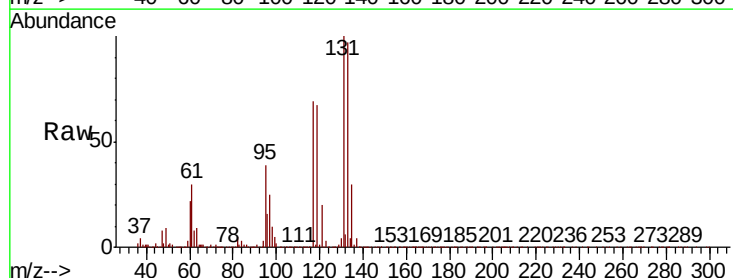
Tgt Ion:131 Resp: 102243

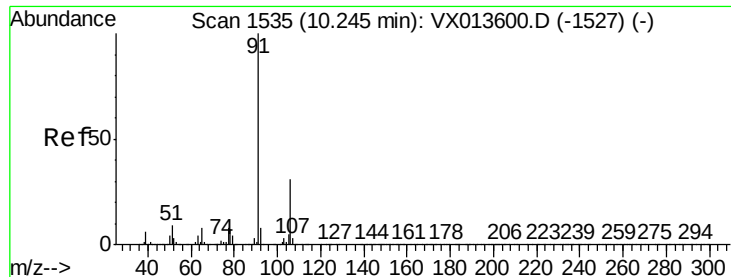
Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 65.1 32.9 98.6

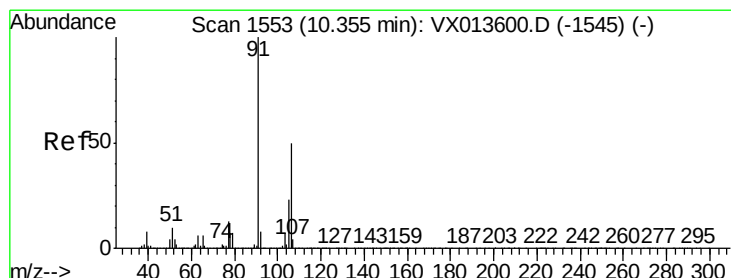
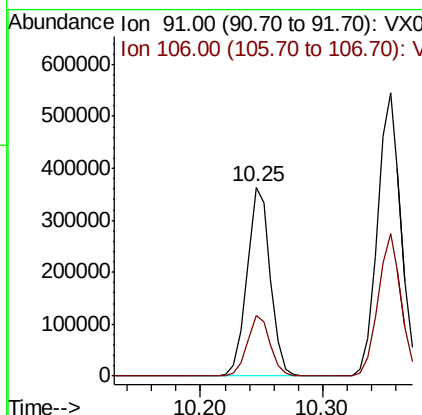
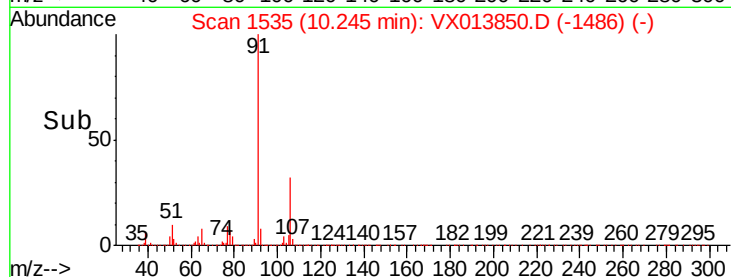
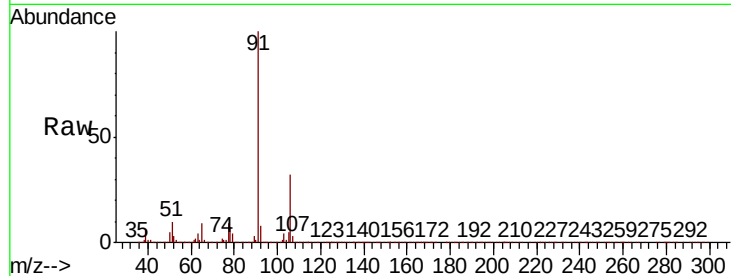




#67
Ethyl Benzene
Concen: 16.716 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

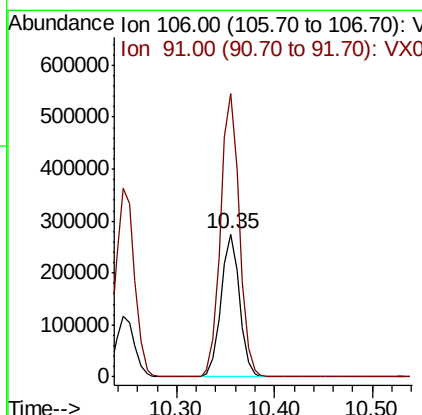
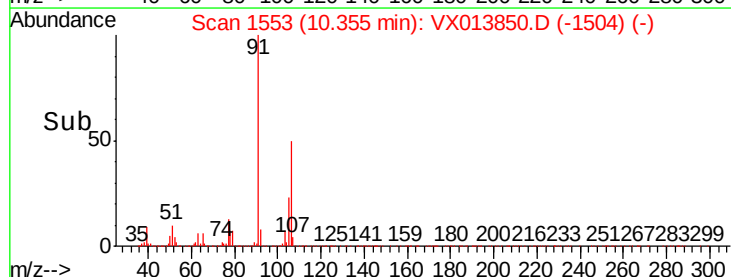
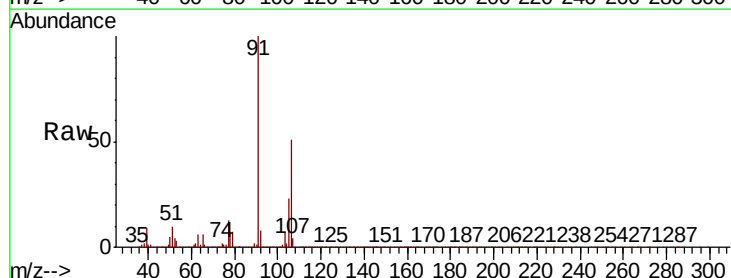
Instrument :
MSVOA_X
ClientSampled :
VX1209WBS01

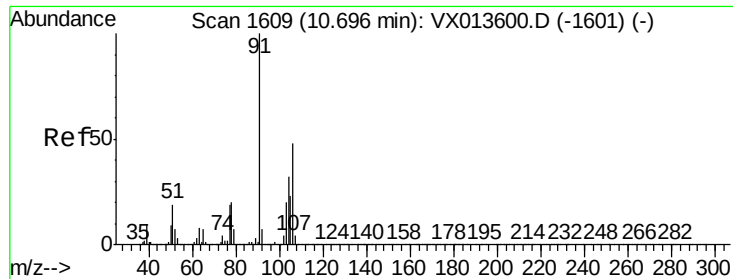
Tot Ion: 91 Resp: 480269
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 32.944 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 106 Resp: 362376
Ion Ratio Lower Upper
106 100
91 199.8 159.0 238.4

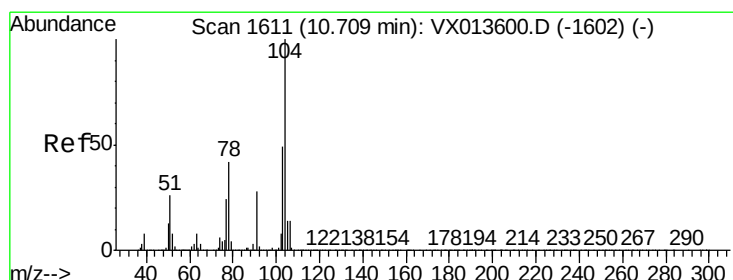
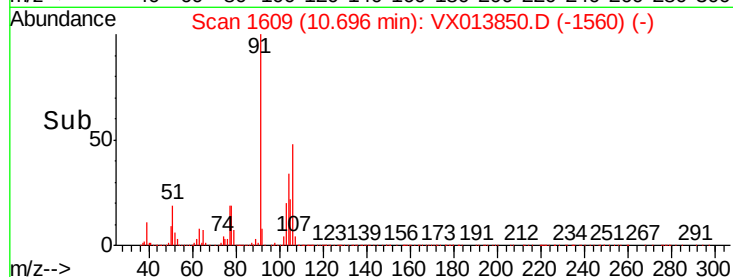
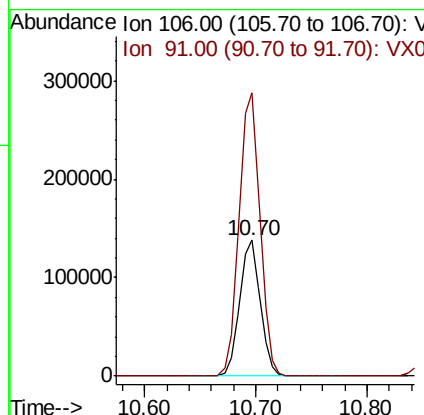
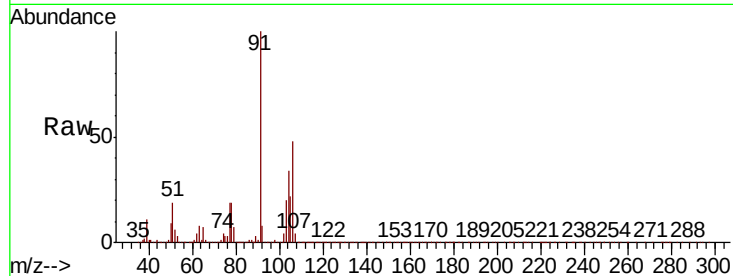




#69
o-Xylene
Concen: 16.562 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

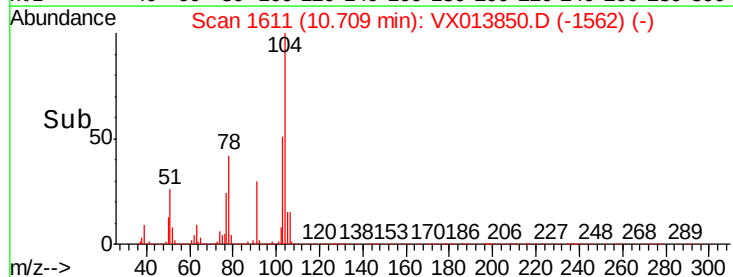
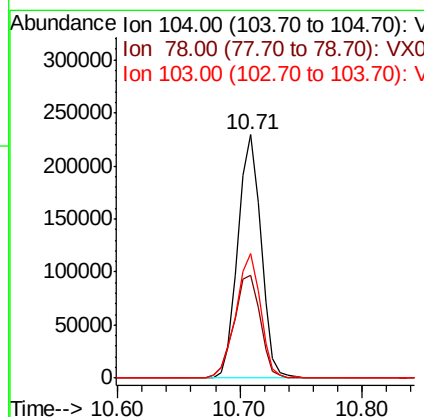
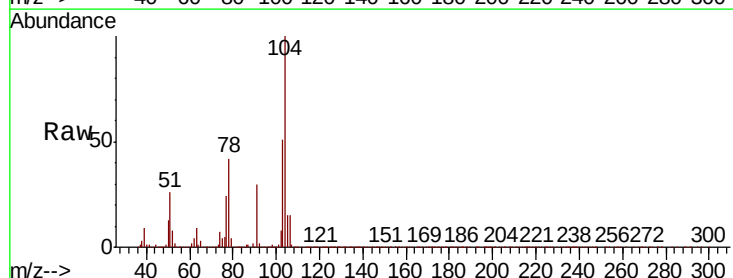
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

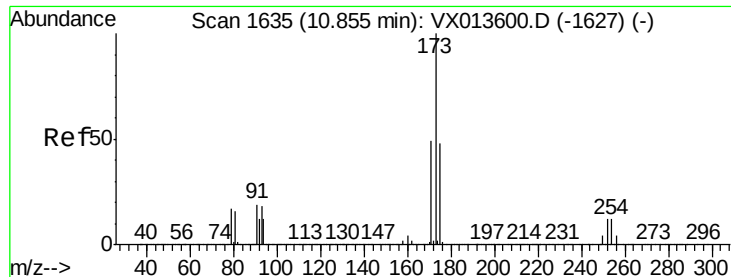
Tot Ion:106 Resp: 177672
Ion Ratio Lower Upper
106 100
91 211.1 104.1 312.2



#70
Styrene
Concen: 16.616 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion:104 Resp: 299855
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 16.313 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

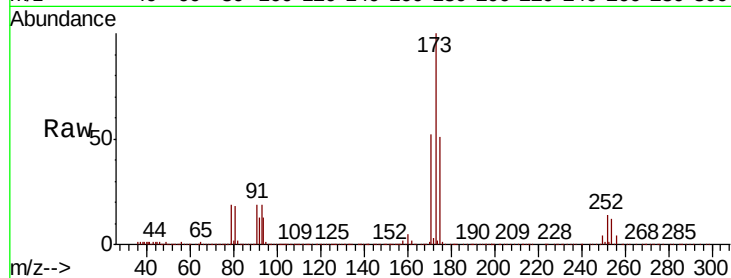
Tot Ion:173 Resp: 81036

Ion Ratio Lower Upper

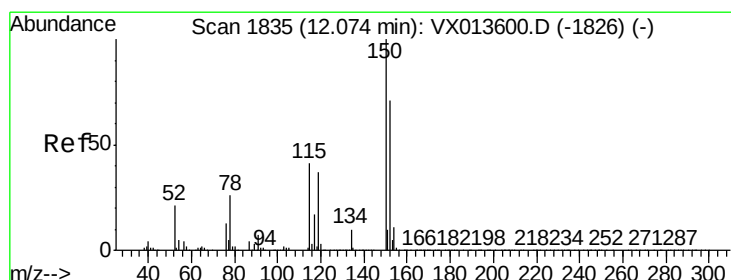
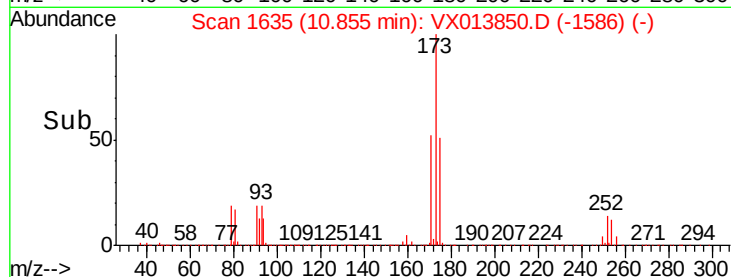
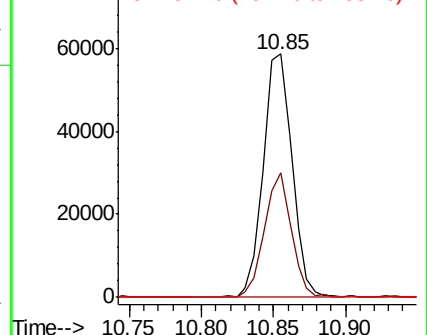
173 100

175 48.0 24.3 72.8

254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

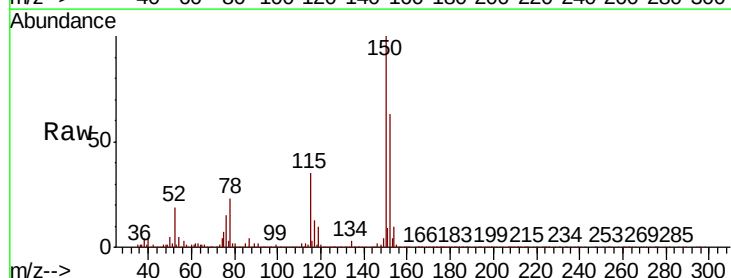
Tgt Ion:152 Resp: 383191

Ion Ratio Lower Upper

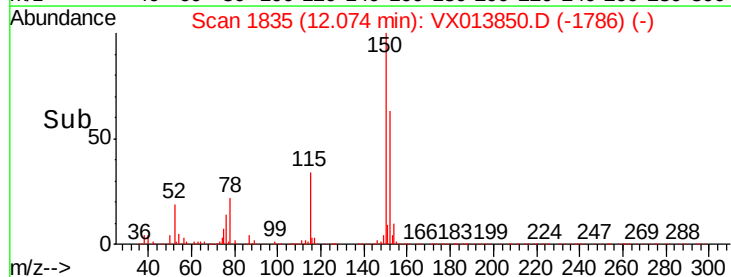
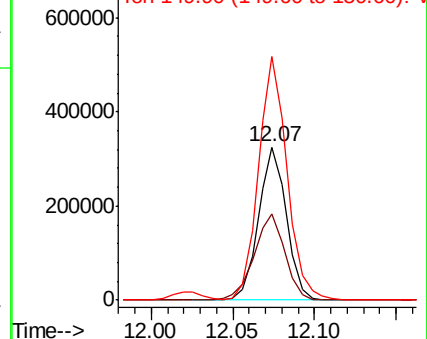
152 100

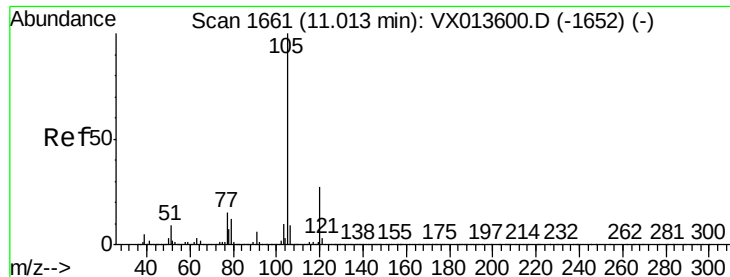
115 62.5 38.4 115.1

150 163.8 0.0 346.8



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





#73

Isopropylbenzene

Concen: 17.690 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

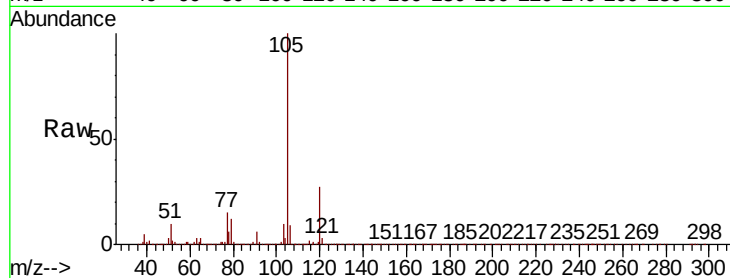
VX1209WBS01

Tot Ion:105 Resp: 475485

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

300000

200000

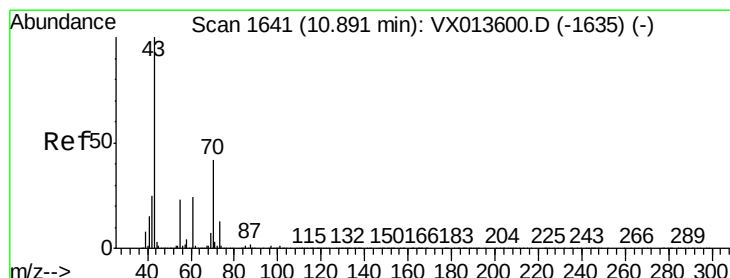
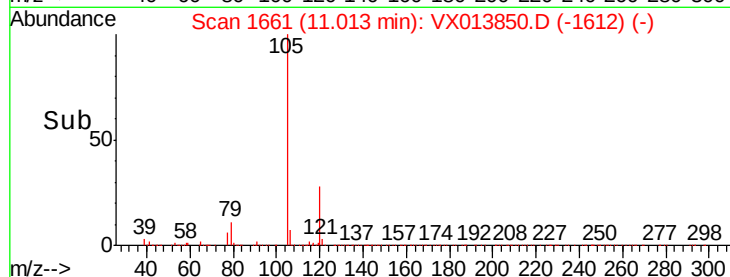
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 16.965 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 208889

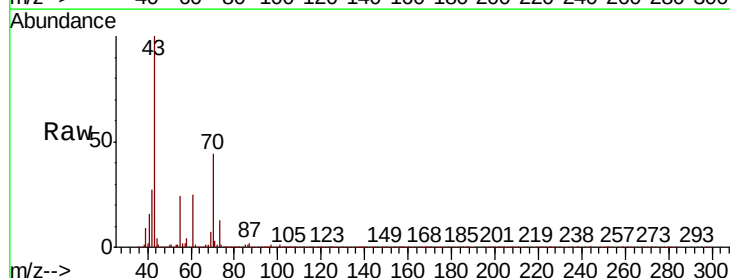
Ion Ratio Lower Upper

43 100

70 43.4 34.3 51.5

55 25.4 18.5 27.7

61 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

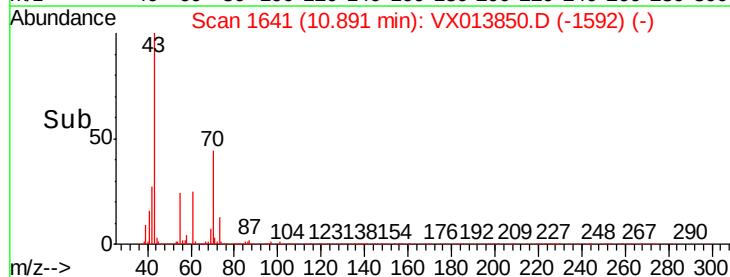
0

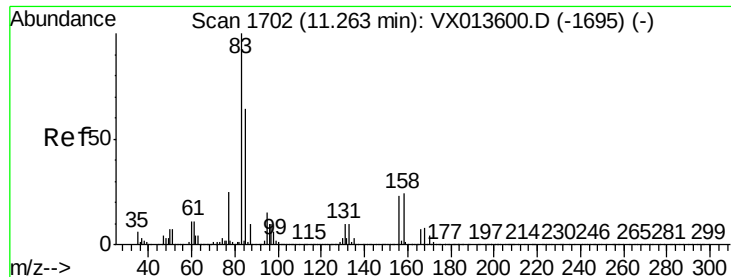
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.287 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

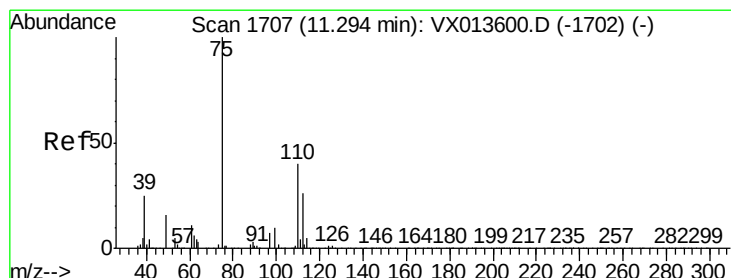
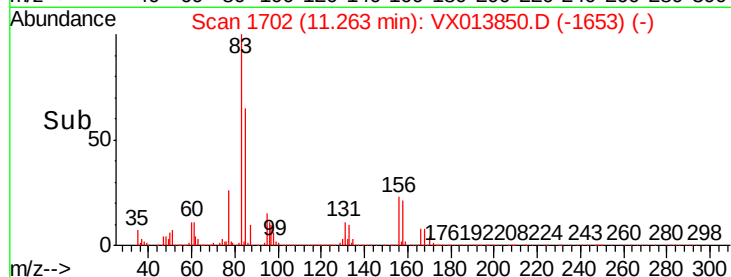
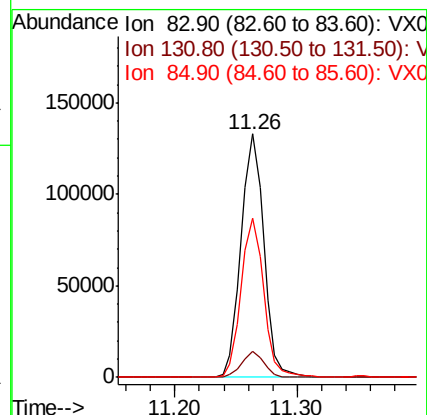
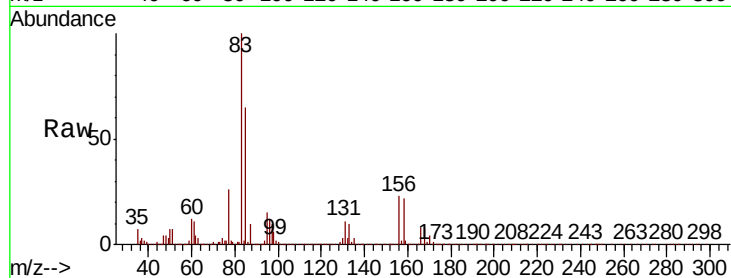
Tot Ion: 83 Resp: 170465

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 21.149 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013850.D

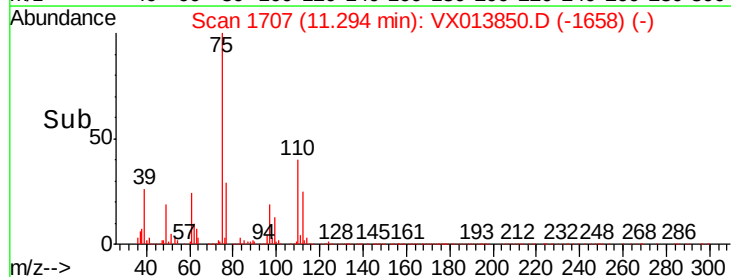
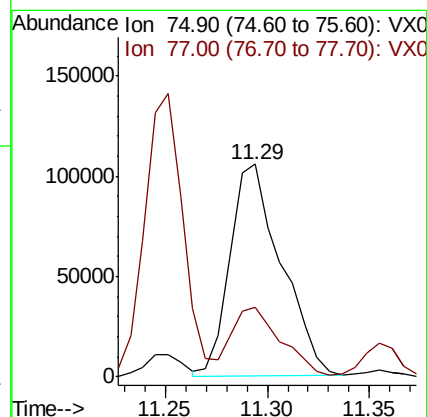
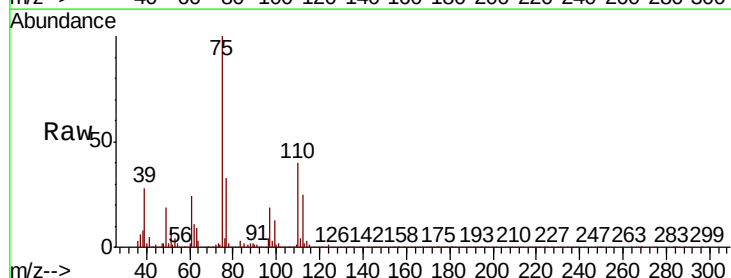
Acq: 09 Dec 2019 14:37

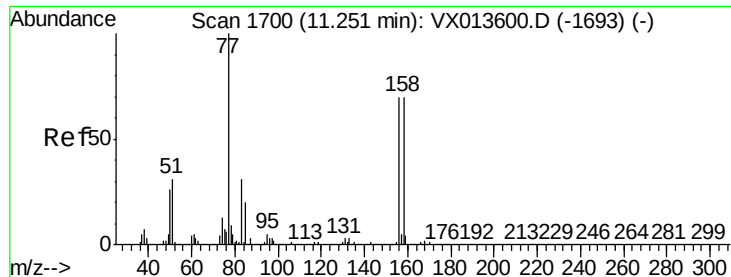
Tgt Ion: 75 Resp: 182274

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 17.133 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

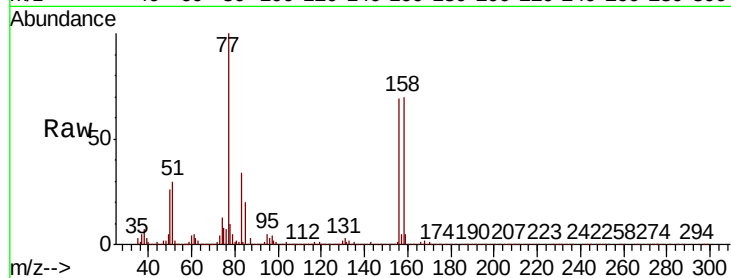
Tot Ion:156 Resp: 124415

Ion Ratio Lower Upper

156 100

77 149.2 74.4 223.1

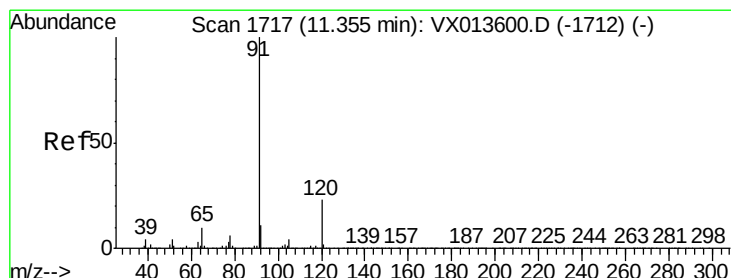
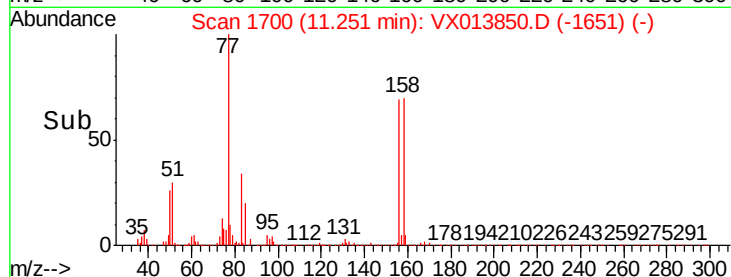
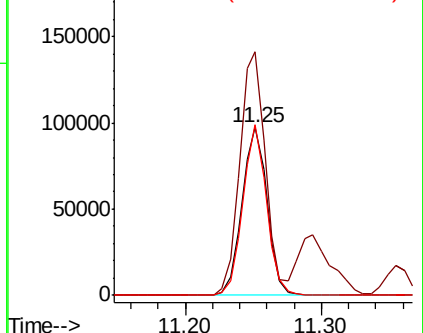
158 96.5 48.9 146.6



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: 17.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013850.D

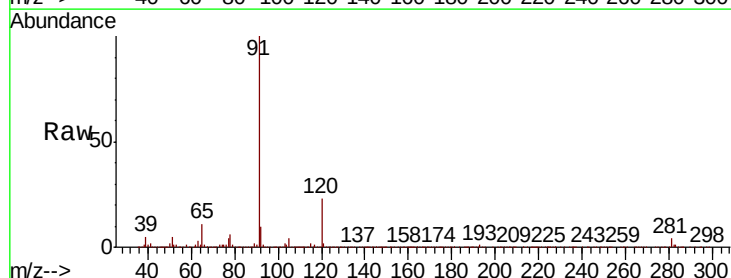
Acq: 09 Dec 2019 14:37

Tgt Ion: 91 Resp: 523238

Ion Ratio Lower Upper

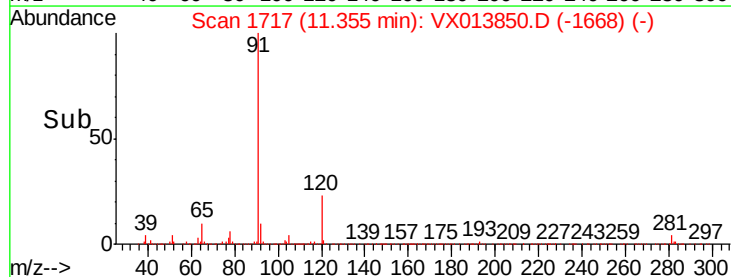
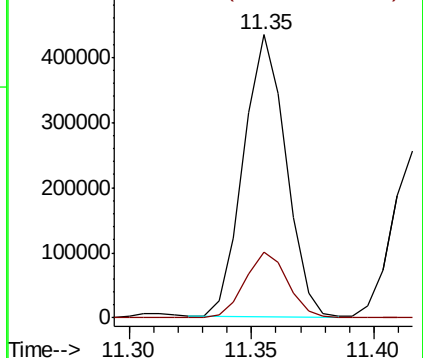
91 100

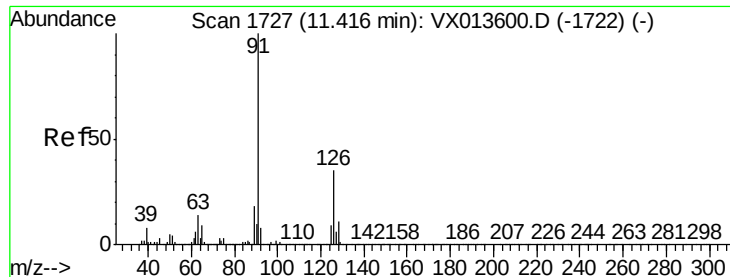
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.789 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

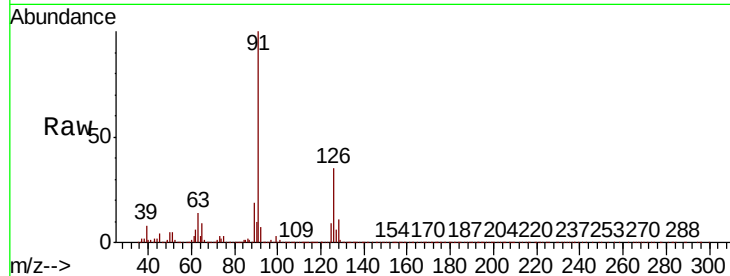
VX1209WBS01

Tot Ion: 91 Resp: 320199

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

500000

400000

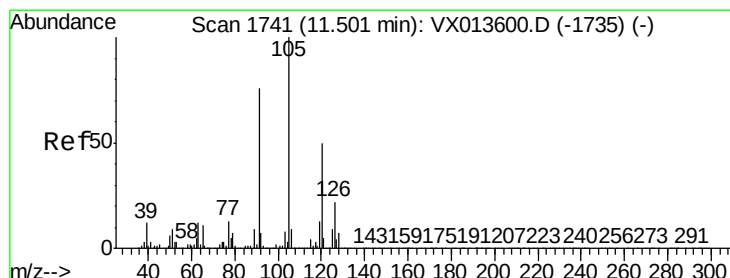
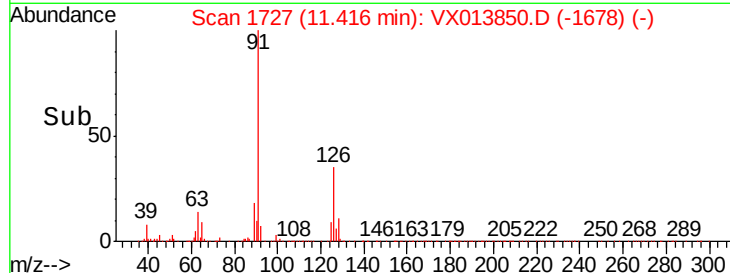
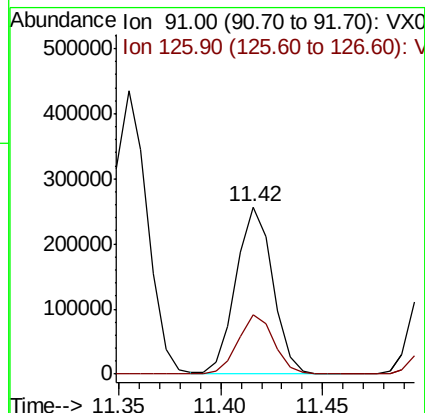
300000

200000

100000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 17.693 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013850.D

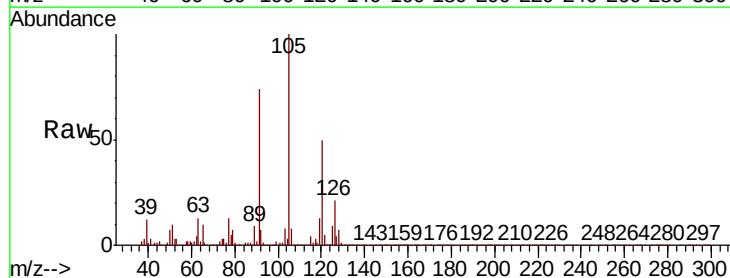
Acq: 09 Dec 2019 14:37

Tgt Ion: 105 Resp: 389778

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

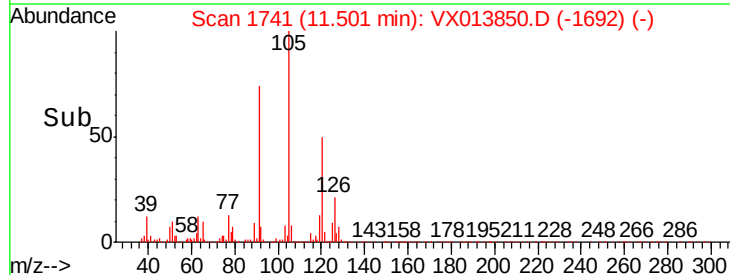
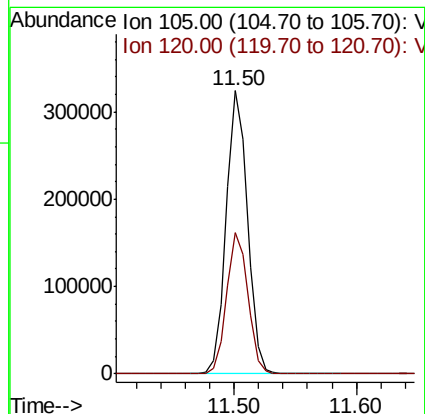
300000

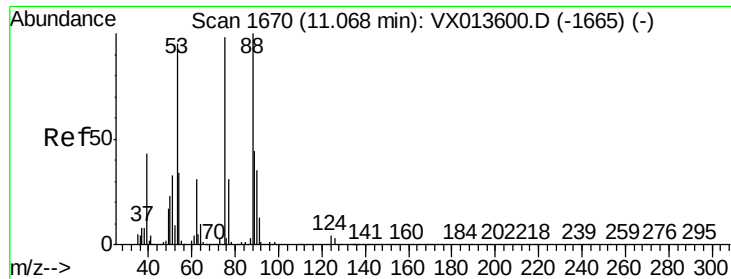
200000

100000

0

11.50 11.60

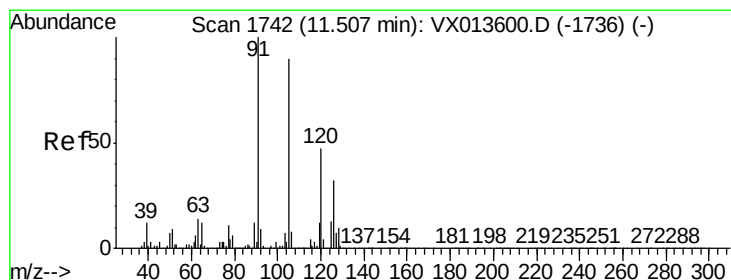
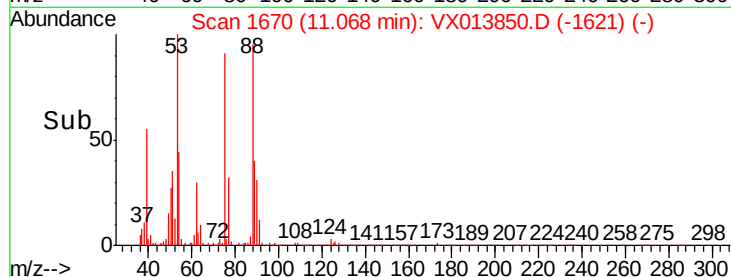
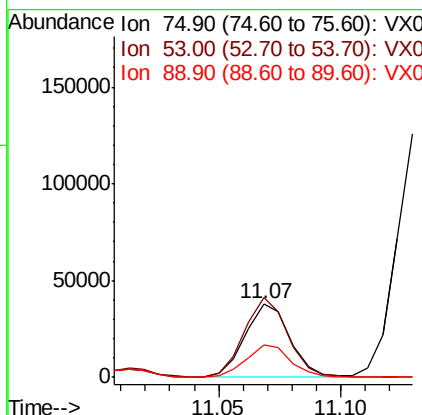
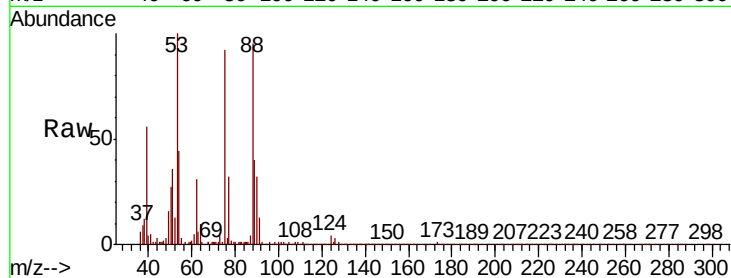




#81
trans-1,4-Dichloro-2-butene
Concen: 15.151 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

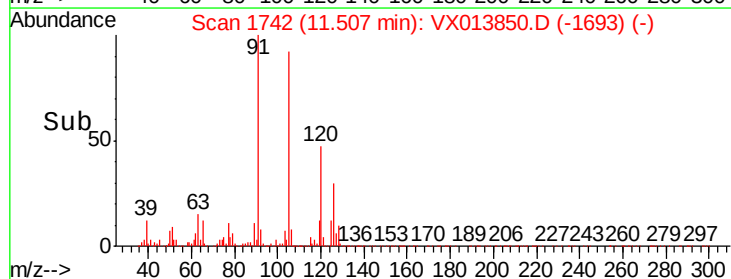
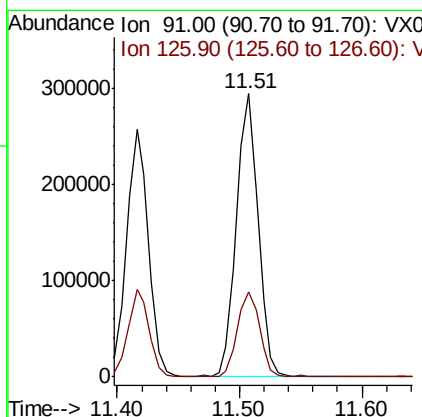
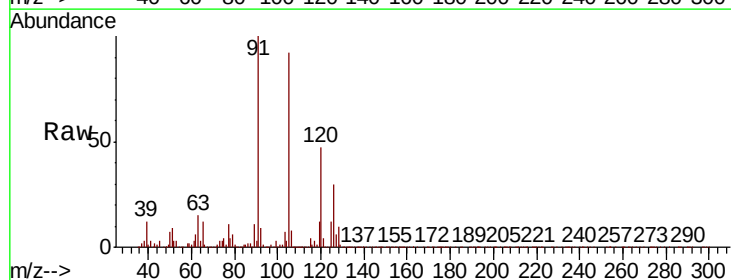
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

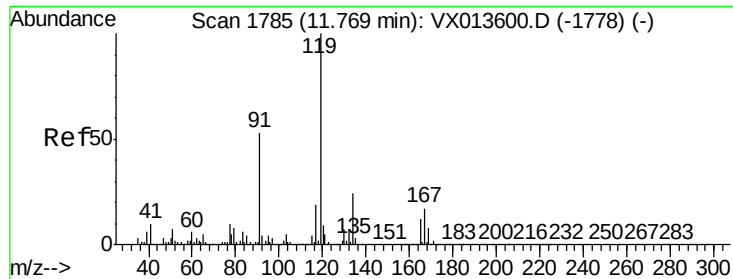
Tot Ion: 75 Resp: 47731
Ion Ratio Lower Upper
75 100
53 106.8 78.2 117.2
89 43.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 17.229 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 91 Resp: 359173
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0





#83

tert-Butylbenzene

Concen: 17.592 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

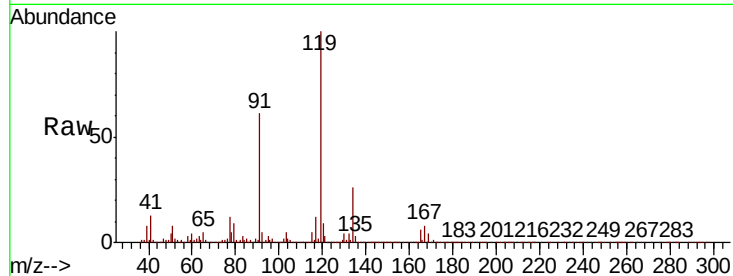
Tot Ion:119 Resp: 393878

Ion Ratio Lower Upper

119 100

91 54.2 27.2 81.6

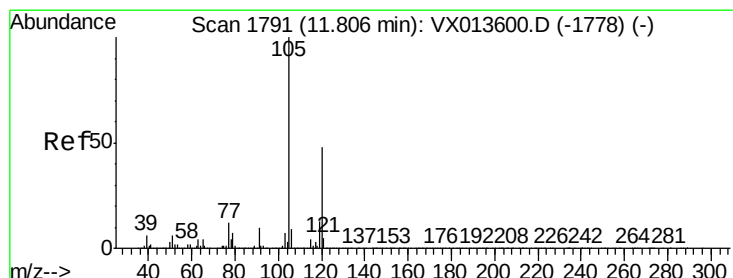
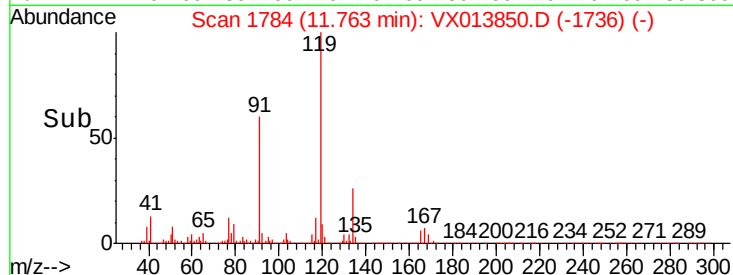
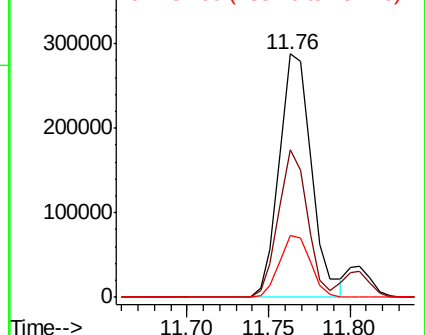
134 24.3 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.490 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013850.D

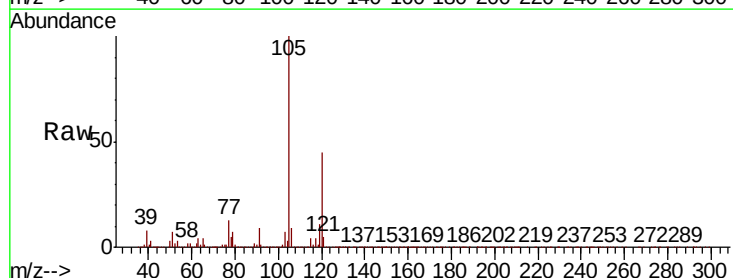
Acq: 09 Dec 2019 14:37

Tgt Ion:105 Resp: 391054

Ion Ratio Lower Upper

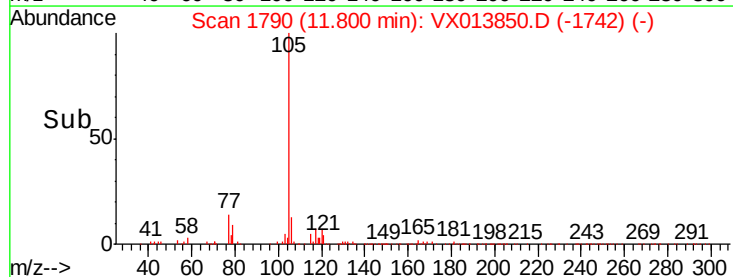
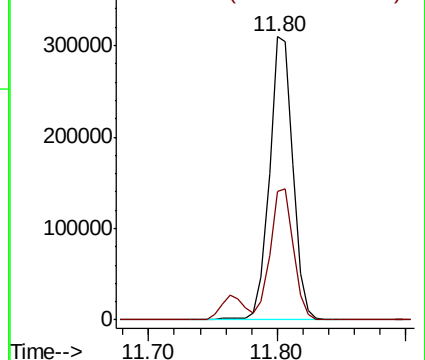
105 100

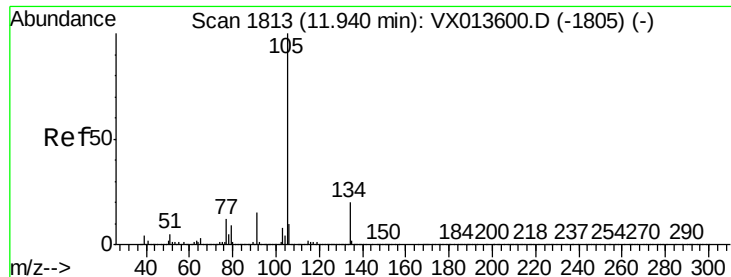
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

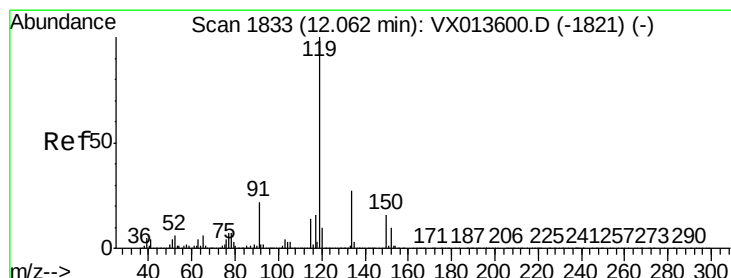
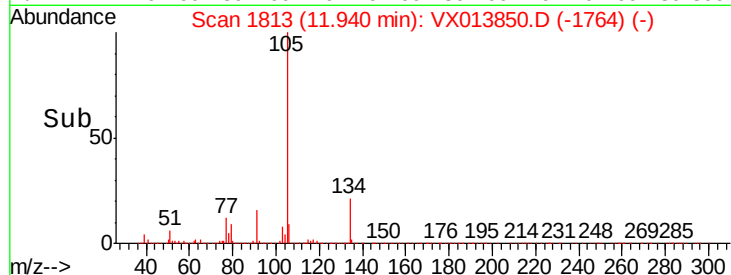
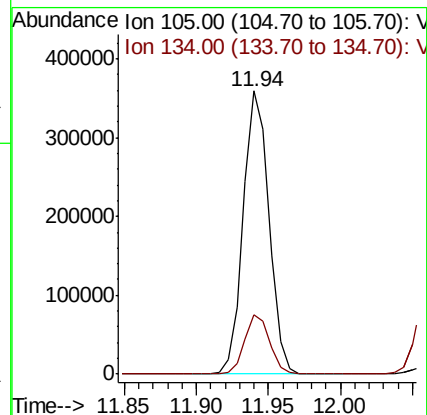
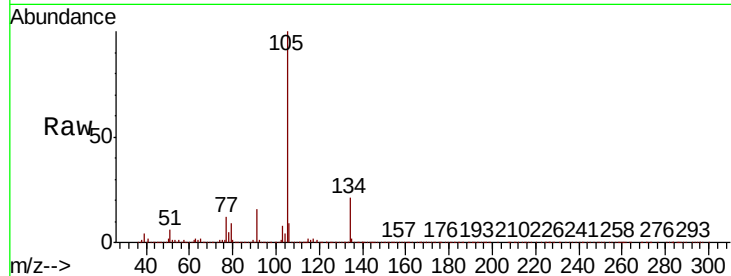
VX1209WBS01

Tot Ion:105 Resp: 445005

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 17.032 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

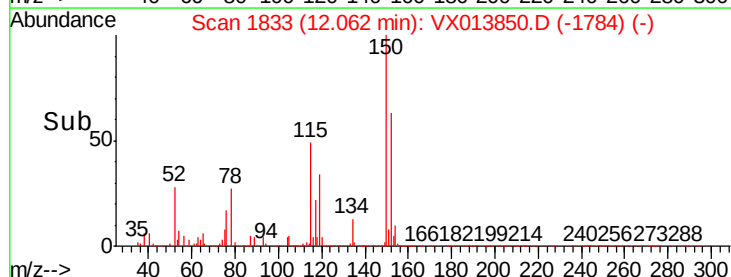
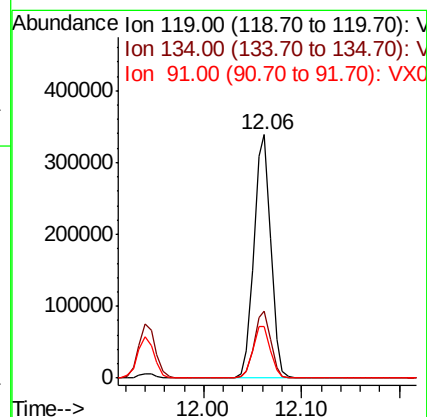
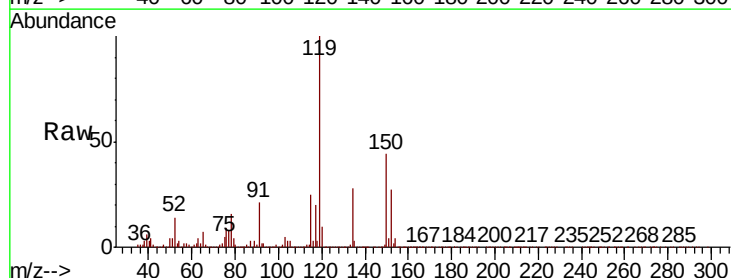
Tgt Ion:119 Resp: 405191

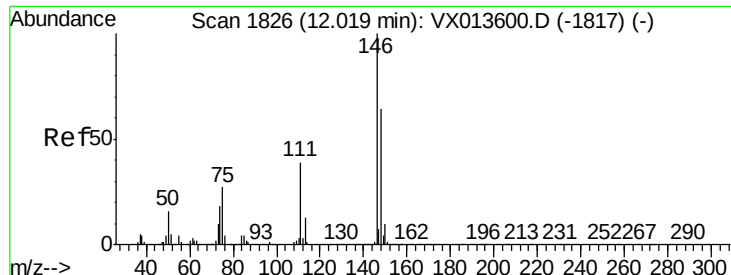
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.2 11.3 33.8

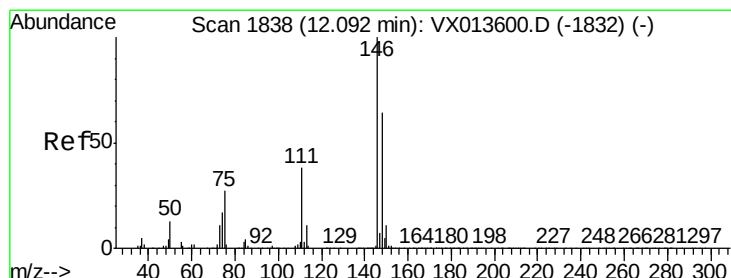
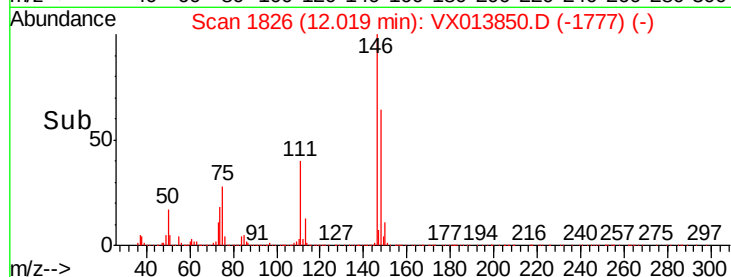
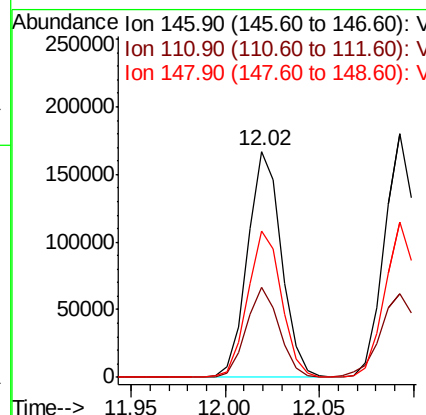
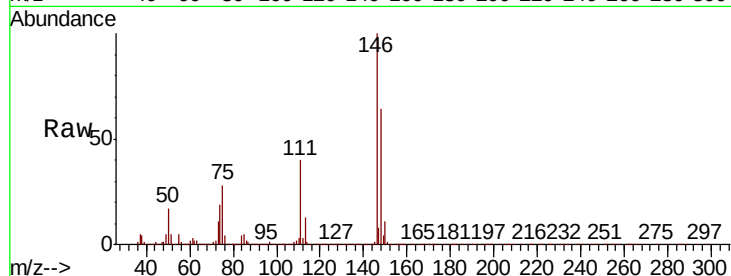




#87
 1,3-Dichlorobenzene
 Concen: 16.439 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

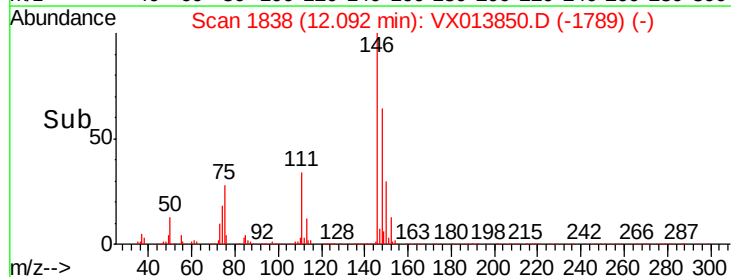
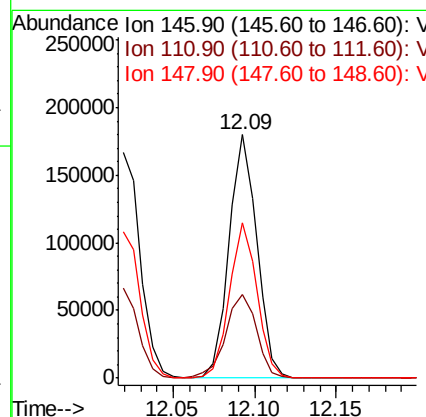
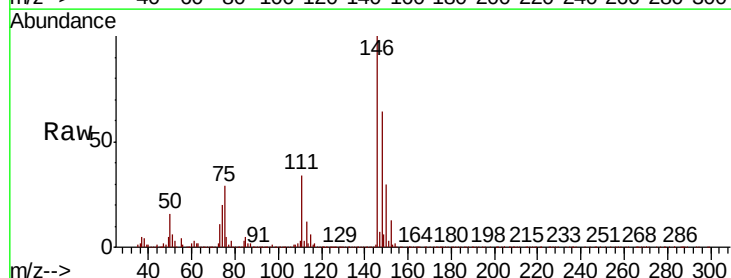
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

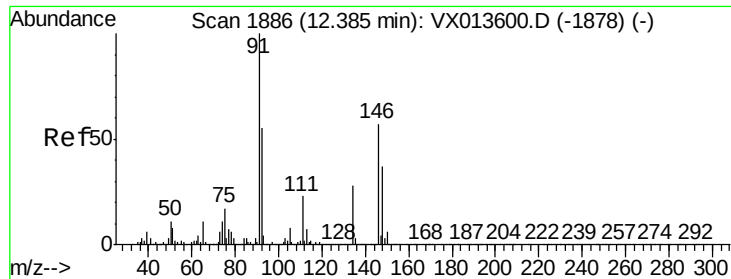
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.7	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 16.524 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.3	31.9	95.5

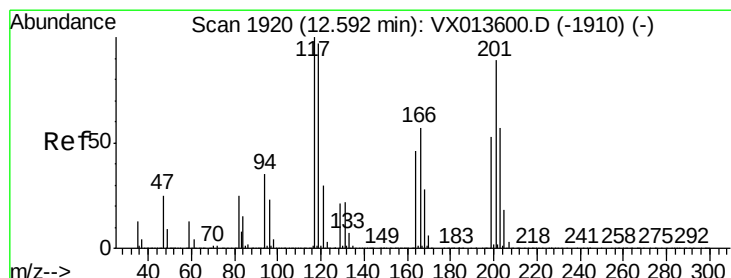
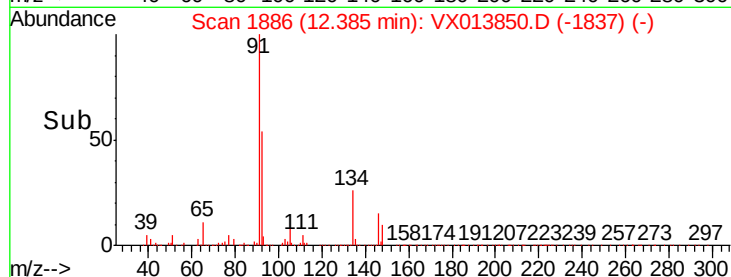
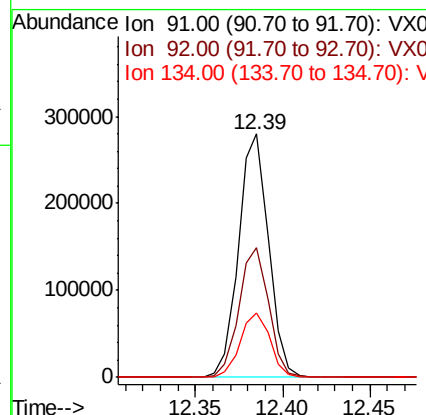
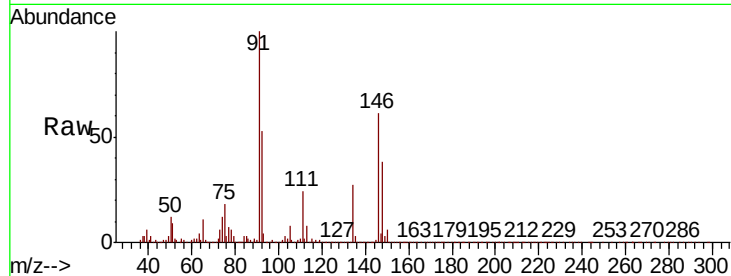




#89
n-Butylbenzene
Concen: 16.430 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

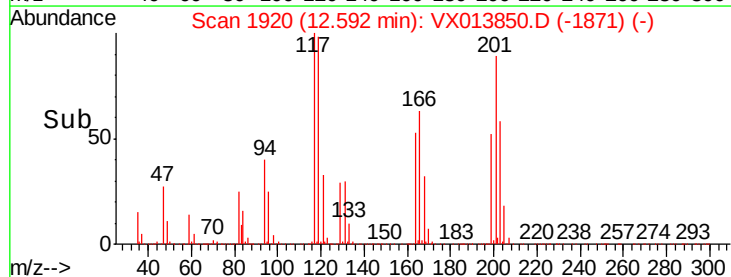
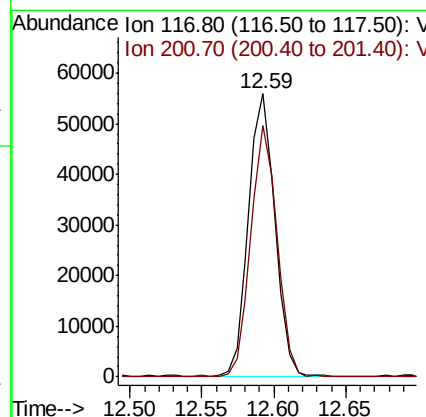
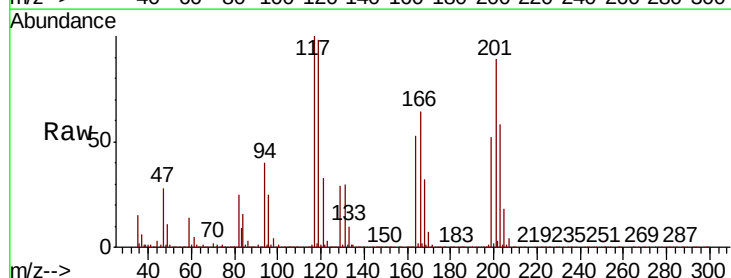
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

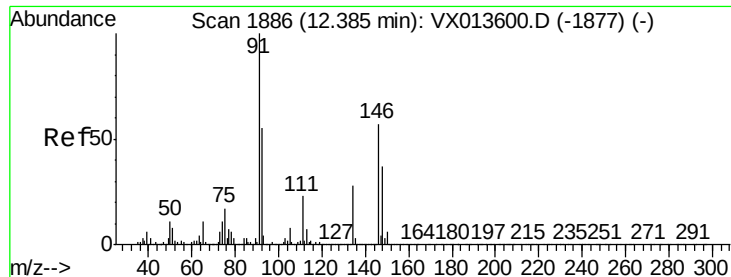
Tot Ion: 91 Resp: 333387
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.2
134 26.4 13.5 40.4



#90
Hexachloroethane
Concen: 16.631 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 117 Resp: 71516
Ion Ratio Lower Upper
117 100
201 87.4 44.1 132.4

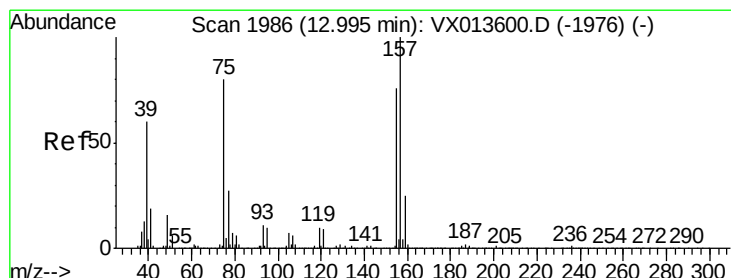
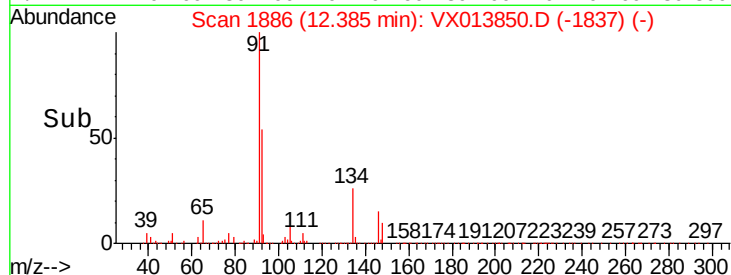
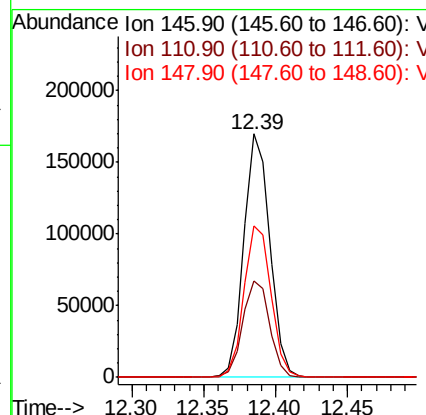
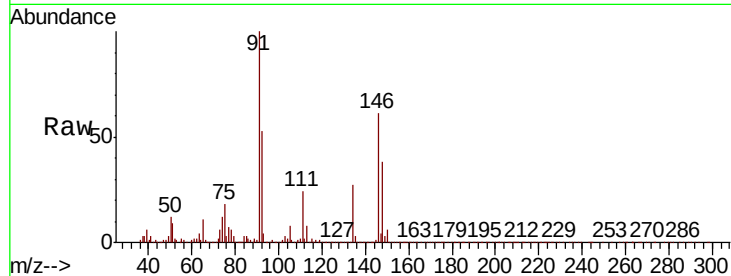




#91
 1,2-Dichlorobenzene
 Concen: 17.045 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

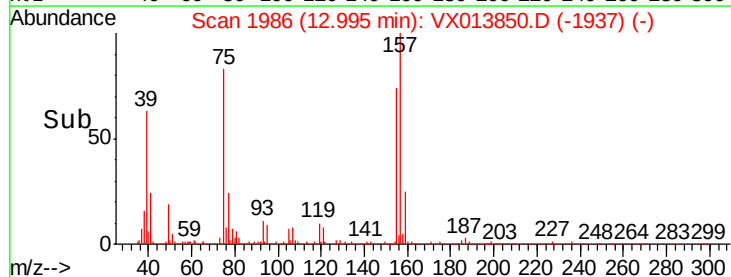
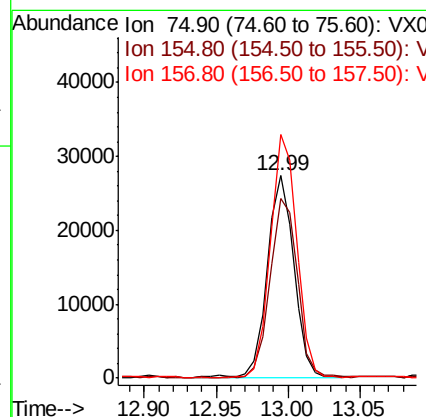
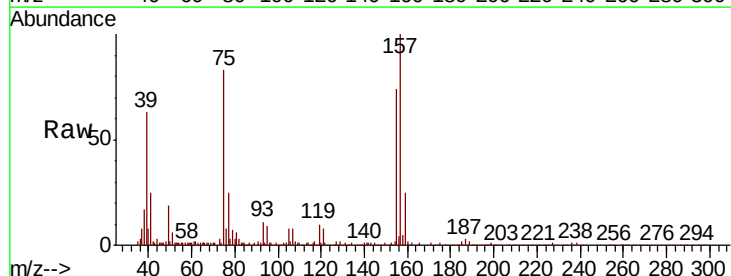
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

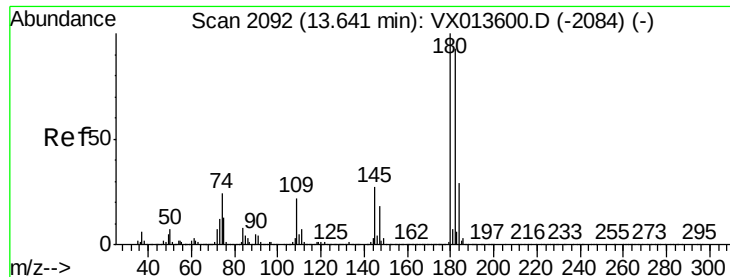
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	64.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.414 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	47.6	142.8
157	119.0	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 15.439 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

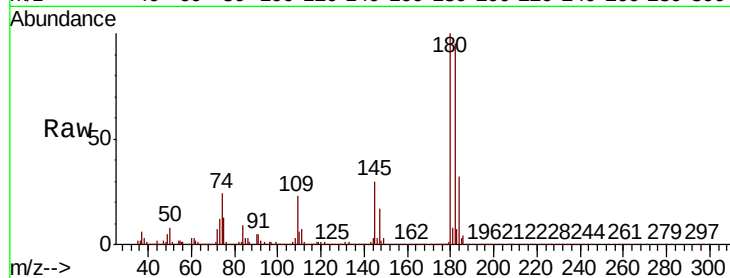
Tot Ion:180 Resp: 134572

Ion Ratio Lower Upper

180 100

182 96.2 47.2 141.6

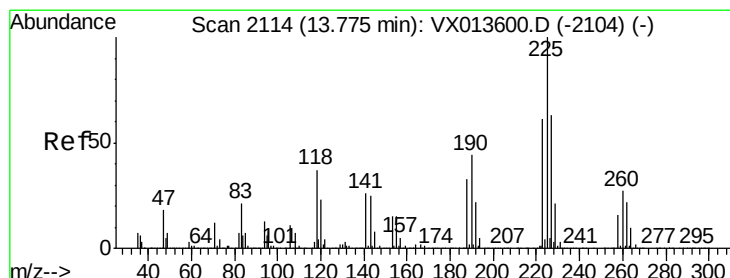
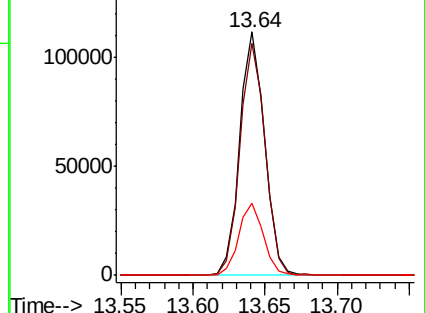
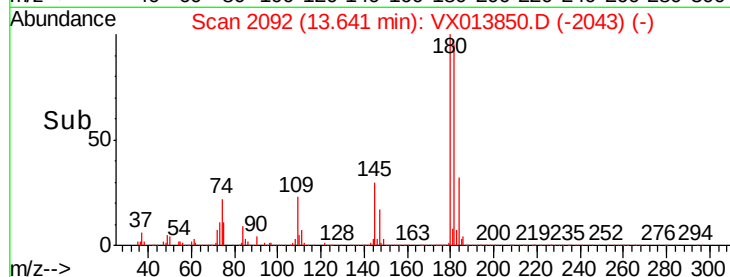
145 29.7 13.8 41.4



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: 15.289 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

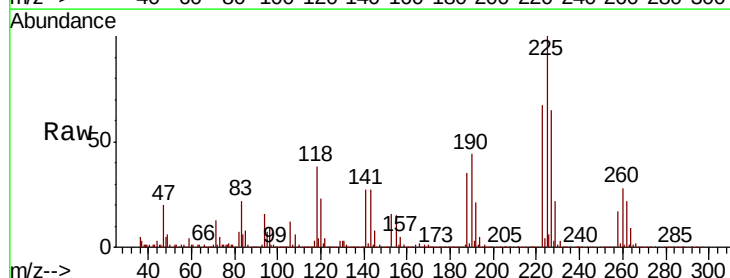
Tgt Ion:225 Resp: 64018

Ion Ratio Lower Upper

225 100

223 65.8 31.9 95.5

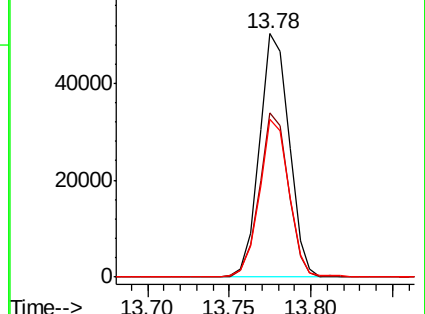
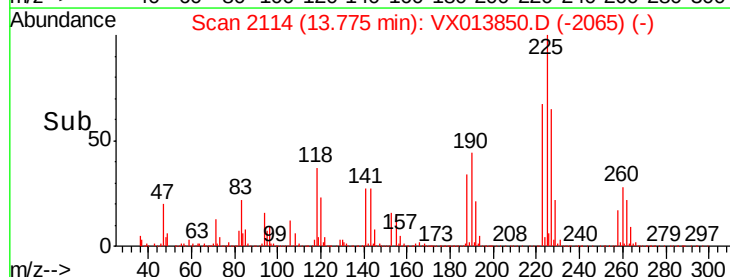
227 64.4 32.1 96.3

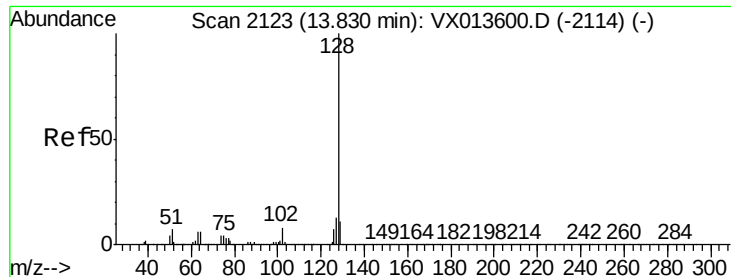


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

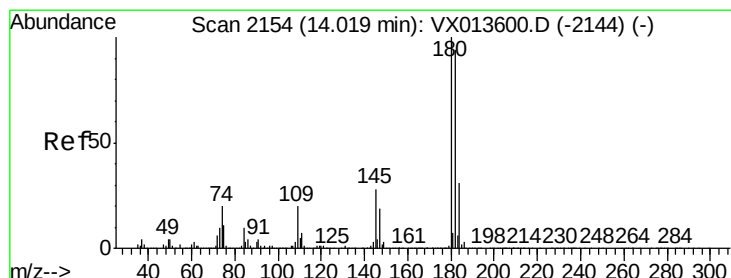
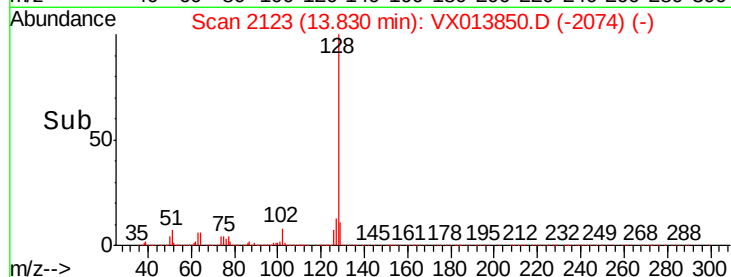
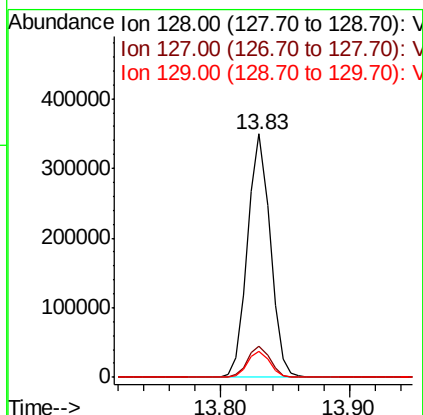
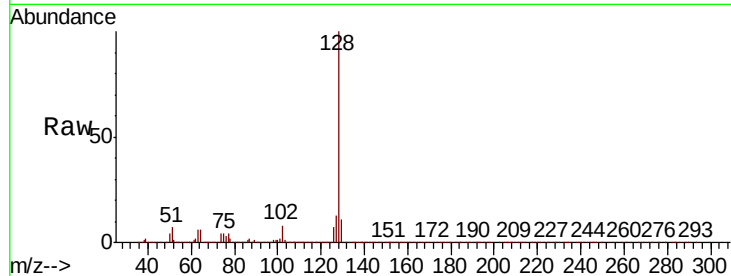




#95
Naphthalene
Concen: 16.275 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion:128 Resp: 422443
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.267 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion:180 Resp: 140386
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 29.4 15.0 45.0

