

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013770.D
 Acq On : 05 Dec 2019 12:30
 Operator : JC/SP
 Sample : VX1205WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Quant Time: Dec 06 02:24:42 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	645686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	340016	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	
35) Dibromofluoromethane	5.49	113	285272	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
50) Toluene-d8	8.71	98	1090649	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.14	95	380451	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	134578	18.726	ug/l	98
3) Chloromethane	1.32	50	144299	17.894	ug/l	100
4) Vinyl Chloride	1.40	62	174115	19.183	ug/l	98
5) Bromomethane	1.63	94	97552	16.004	ug/l	95
6) Chloroethane	1.72	64	97467	18.871	ug/l	95
7) Trichlorofluoromethane	1.92	101	190887	18.940	ug/l	99
8) Diethyl Ether	2.18	74	87008	19.082	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116441	18.915	ug/l	98
10) Methyl Iodide	2.50	142	123616	16.600	ug/l	98
11) Tert butyl alcohol	3.03	59	153586	83.020	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115788	18.843	ug/l	97
13) Acrolein	2.28	56	106170	89.756	ug/l	97
14) Allyl chloride	2.72	41	204307	18.321	ug/l	98
15) Acrylonitrile	3.13	53	357123	93.519	ug/l	99
16) Acetone	2.43	43	348338	94.136	ug/l	100
17) Carbon Disulfide	2.56	76	303342	17.317	ug/l	100
18) Methyl Acetate	2.76	43	205210	19.915	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	395725	19.440	ug/l	99
20) Methylene Chloride	2.85	84	134911	18.977	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	122436	18.290	ug/l	98
22) Diisopropyl ether	3.84	45	417950	19.465	ug/l	96
23) Vinyl Acetate	3.80	43	1701814	95.272	ug/l	100
24) 1,1-Dichloroethane	3.69	63	228829	19.495	ug/l	99
25) 2-Butanone	4.66	43	520626	94.669	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183278	18.872	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	144268	18.767	ug/l	98
28) Bromochloromethane	5.00	49	96418	20.779	ug/l	98
29) Tetrahydrofuran	5.11	42	321763	94.909	ug/l	99
30) Chloroform	5.20	83	223117	18.743	ug/l	97
31) Cyclohexane	5.57	56	199423	18.012	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	193322	19.433	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165470	18.601	ug/l	99
37) Ethyl Acetate	4.82	43	192561	19.295	ug/l	100
38) Carbon Tetrachloride	5.78	117	161624	19.704	ug/l	98

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 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	205293	18.670	ug/l	96
40) Benzene	6.14	78	512802	18.927	ug/l	99
41) Methacrylonitrile	5.03	41	107299	19.605	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180326	19.516	ug/l	99
43) Isopropyl Acetate	6.43	43	311177	18.940	ug/l	99
44) Trichloroethene	7.21	130	138846	18.673	ug/l	98
45) 1,2-Dichloropropane	7.51	63	135592	20.003	ug/l	94
46) Dibromomethane	7.65	93	85639	18.601	ug/l	98
47) Bromodichloromethane	7.89	83	170692	19.612	ug/l	98
48) Methyl methacrylate	7.76	41	154998	19.417	ug/l	97
49) 1,4-Dioxane	7.73	88	62209	348.148	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	991717	95.960	ug/l	99
52) Toluene	8.78	92	325269	19.325	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185476	18.722	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	206111	19.043	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134979	19.900	ug/l	99
56) Ethyl methacrylate	9.17	69	213821	19.608	ug/l	98
57) 1,3-Dichloropropane	9.37	76	222582	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	375787	87.892	ug/l	100
59) 2-Hexanone	9.48	43	763714	94.751	ug/l	99
60) Dibromochloromethane	9.57	129	136520	19.394	ug/l	98
61) 1,2-Dibromoethane	9.67	107	140009	19.327	ug/l	99
64) Tetrachloroethene	9.33	164	128751	19.795	ug/l	99
65) Chlorobenzene	10.14	112	346528	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129229	19.874	ug/l	99
67) Ethyl Benzene	10.25	91	608968	19.571	ug/l	98
68) m/p-Xylenes	10.35	106	458684	38.502	ug/l	98
69) o-Xylene	10.70	106	226327	19.479	ug/l	100
70) Styrene	10.71	104	383979	19.646	ug/l	99
71) Bromoform	10.85	173	105409	19.592	ug/l #	99
73) Isopropylbenzene	11.01	105	596701	20.191	ug/l	100
74) N-amyl acetate	10.89	43	266705	19.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	206810	20.179	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	226117	23.863	ug/l	88
77) Bromobenzene	11.25	156	159224	19.944	ug/l	99
78) n-propylbenzene	11.35	91	666623	20.207	ug/l	100
79) 2-Chlorotoluene	11.42	91	398675	20.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	494487	20.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64227	18.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	454504	19.830	ug/l	99
83) tert-Butylbenzene	11.77	119	503892	20.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497405	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	571957	20.343	ug/l	100
86) p-Isopropyltoluene	12.06	119	520878	19.914	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274806	19.746	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	272487	19.223	ug/l	99
89) n-Butylbenzene	12.38	91	433596	19.436	ug/l	99
90) Hexachloroethane	12.59	117	91573	19.369	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	276674	20.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43211	19.362	ug/l	99

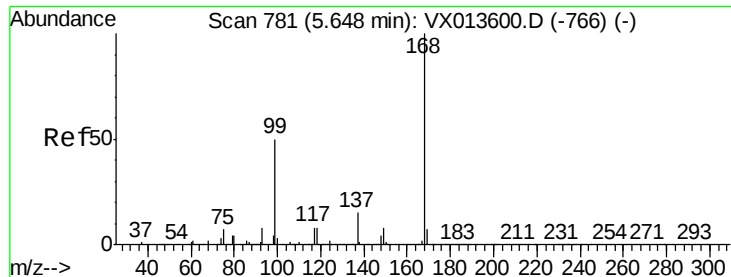
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
Data File : VX013770.D
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Operator : JC/SP
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Instrument :
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Quant Time: Dec 06 02:24:42 2019
Quant 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)
93) 1,2,4-Trichlorobenzene	13.64	180	180520	18.838	ug/l	100
94) Hexachlorobutadiene	13.77	225	87266	18.957	ug/l	99
95) Naphthalene	13.83	128	569344	19.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	185439	19.544	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

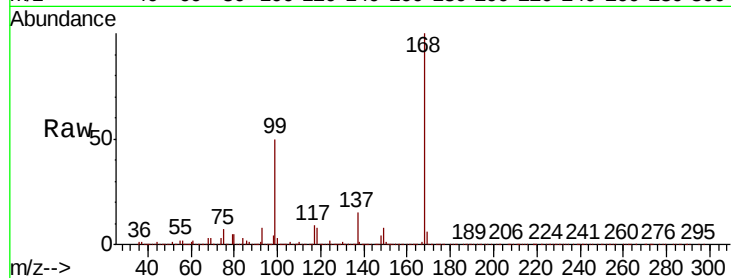
VX1205WBS02

Tot Ion:168 Resp: 645686

Ion Ratio Lower Upper

168 100

99 49.9 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

250000

200000

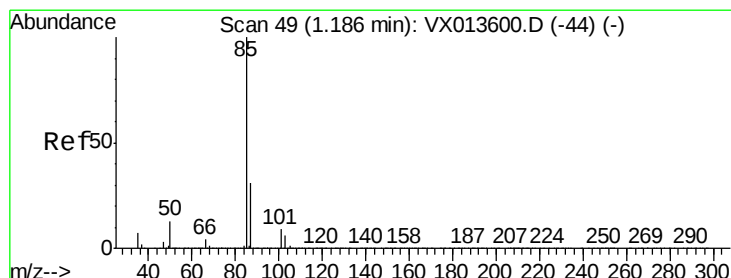
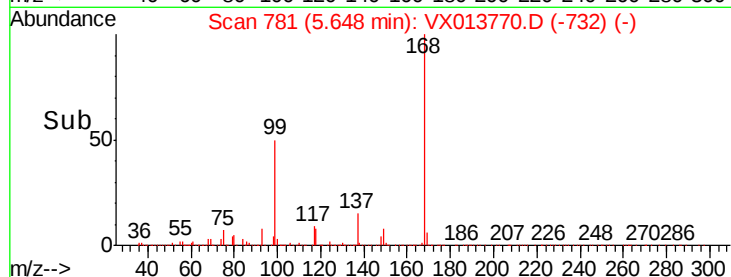
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.726 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013770.D

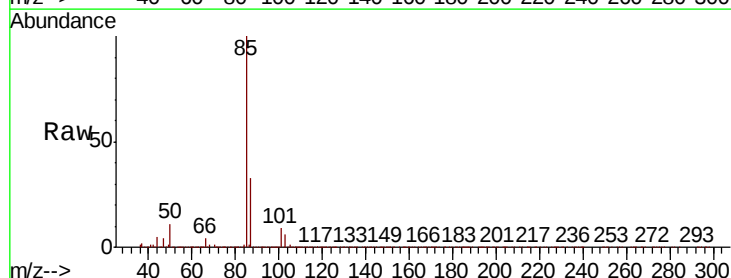
Acq: 05 Dec 2019 12:30

Tgt Ion: 85 Resp: 134578

Ion Ratio Lower Upper

85 100

87 32.4 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

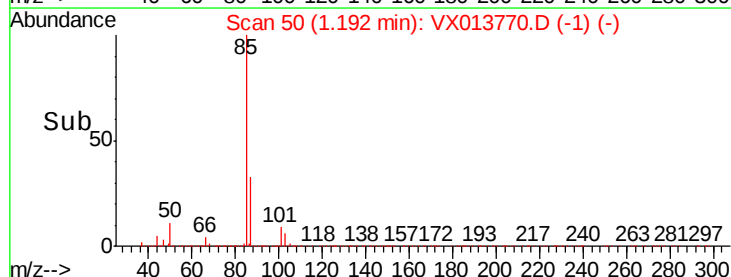
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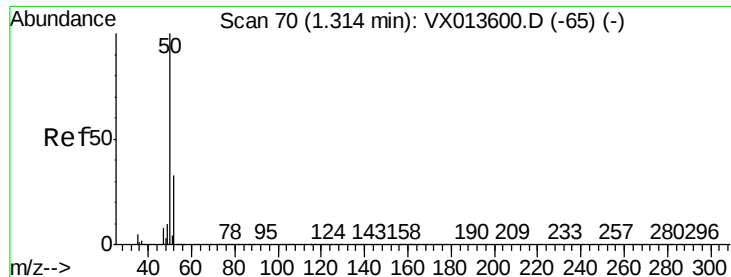
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.894 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

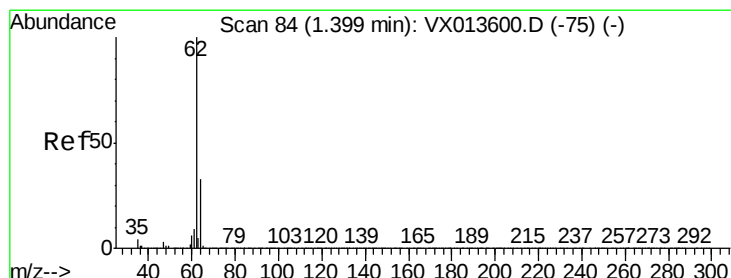
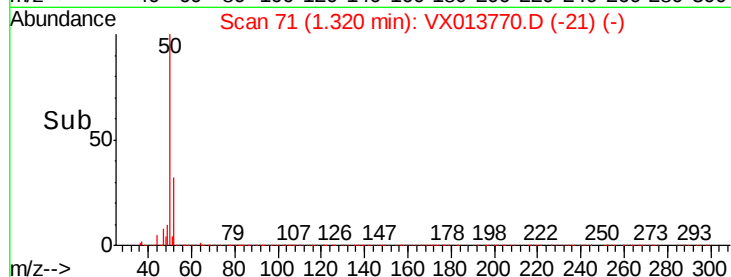
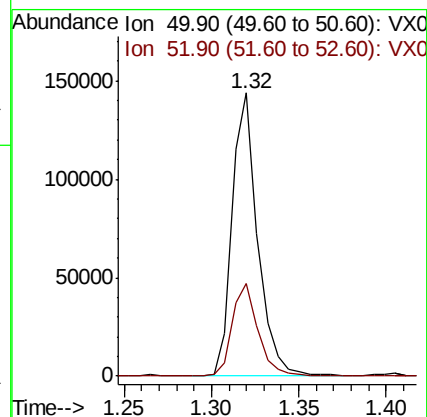
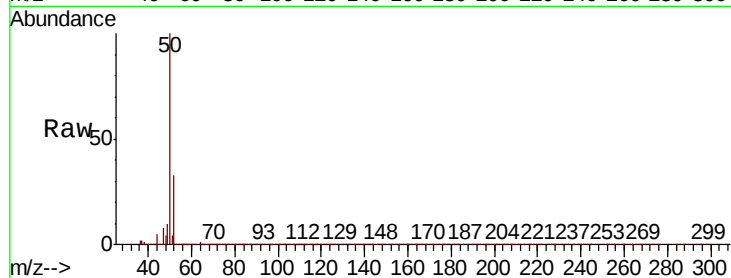
VX1205WBS02

Tot Ion: 50 Resp: 144299

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 19.183 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013770.D

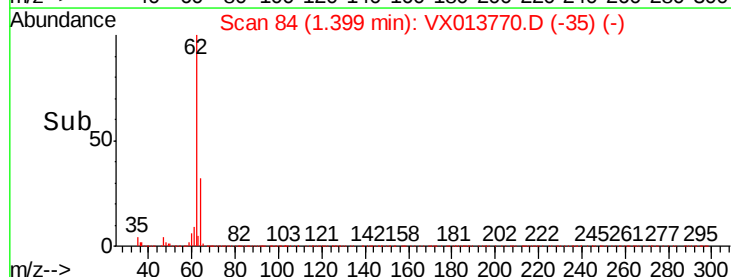
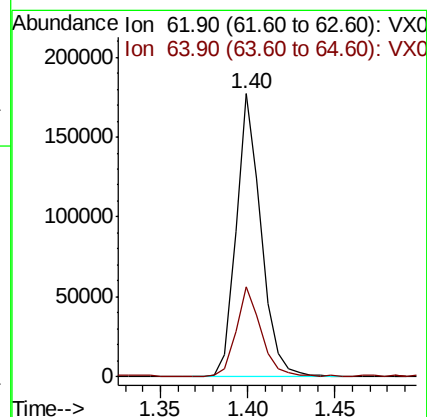
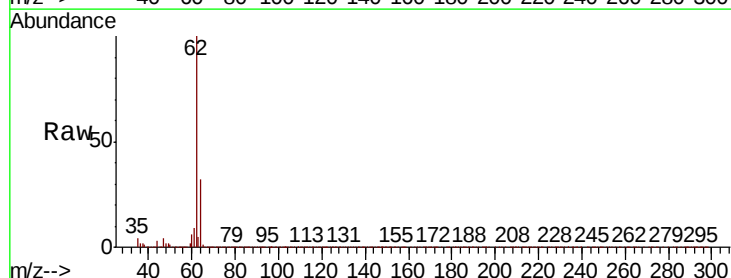
Acq: 05 Dec 2019 12:30

Tgt Ion: 62 Resp: 174115

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 16.004 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

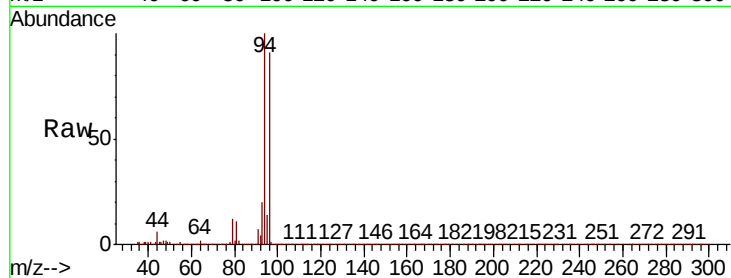
VX1205WBS02

Tot Ion: 94 Resp: 97552

Ion Ratio Lower Upper

94 100

96 91.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

100000

80000

60000

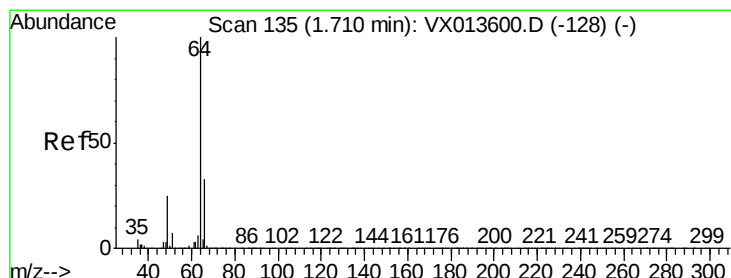
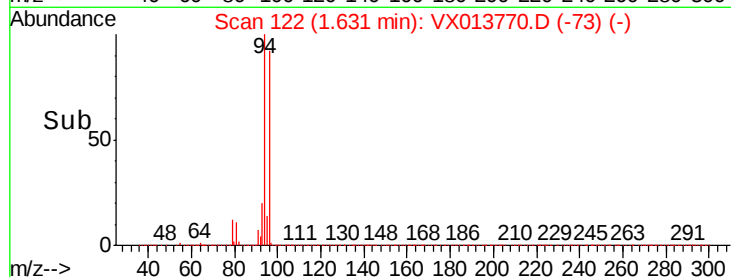
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.871 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013770.D

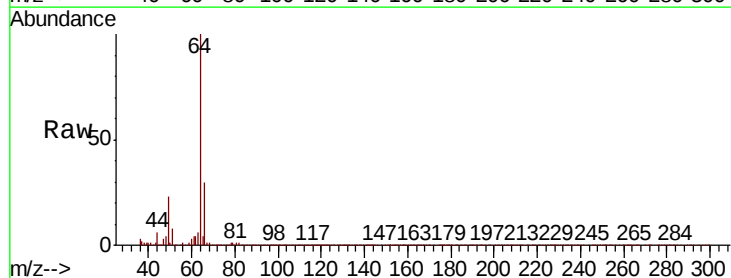
Acq: 05 Dec 2019 12:30

Tgt Ion: 64 Resp: 97467

Ion Ratio Lower Upper

64 100

66 30.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

60000

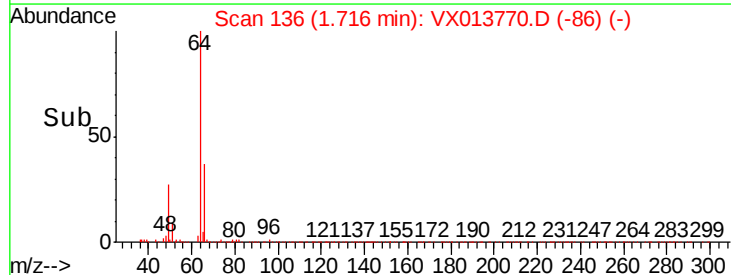
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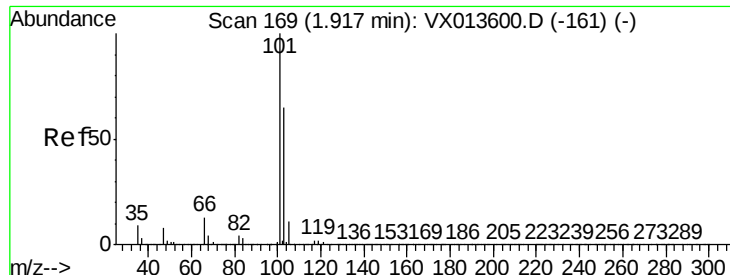
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0

1.65 1.70 1.75 1.80

Time-->



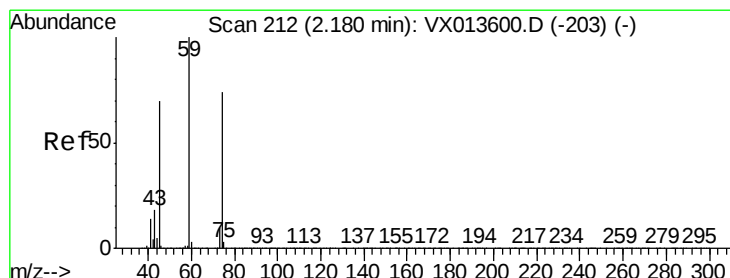
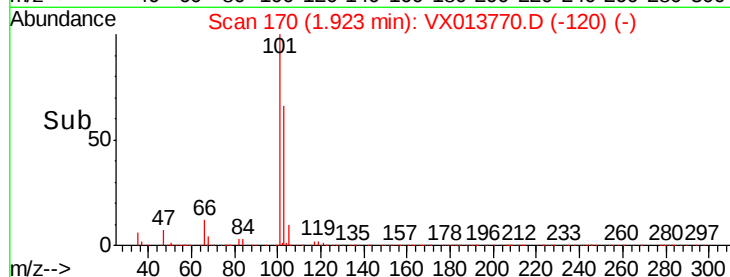
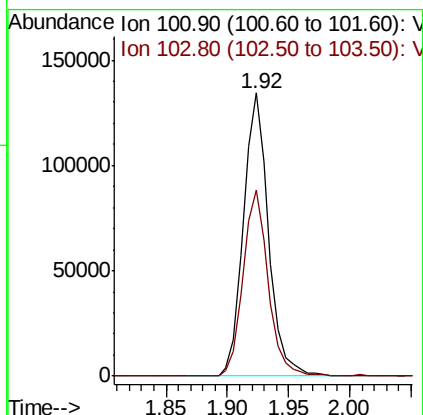
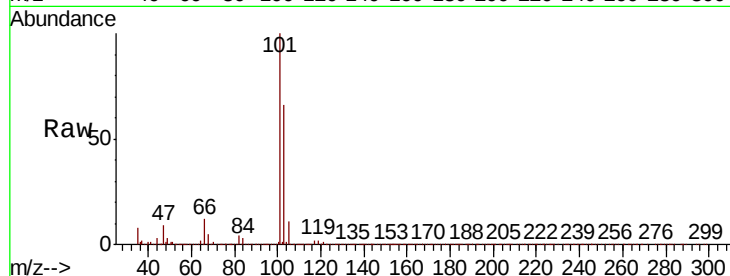


#7

Trichlorofluoromethane
Concen: 18.940 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
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VX1205WBS02

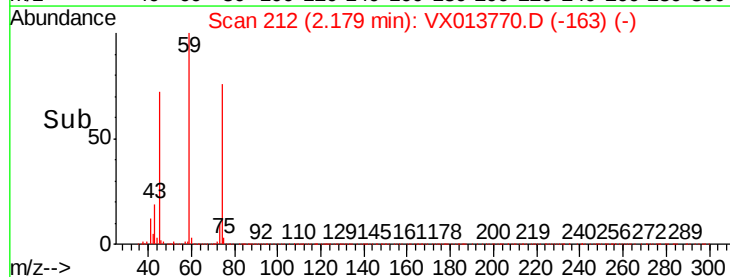
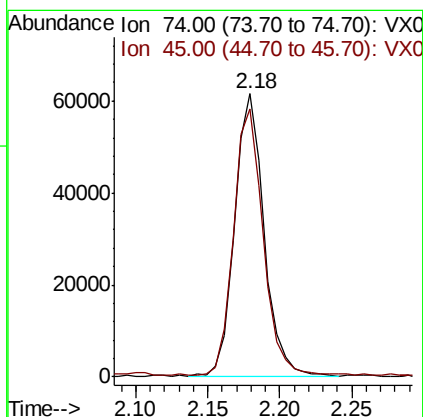
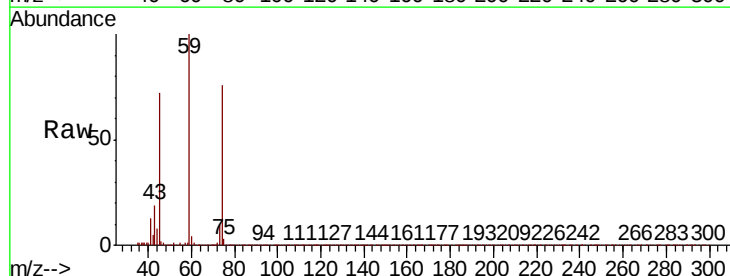
Tot Ion:101 Resp: 190887
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

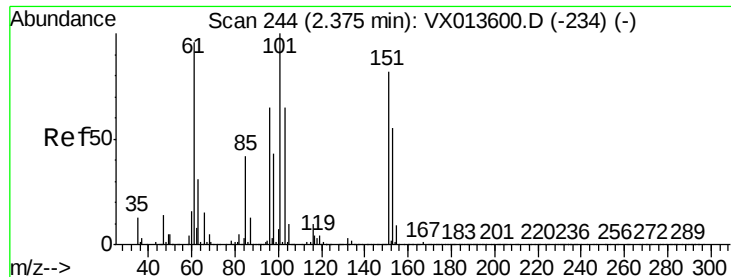


#8

Diethyl Ether
Concen: 19.082 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 74 Resp: 87008
Ion Ratio Lower Upper
74 100
45 94.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.915 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

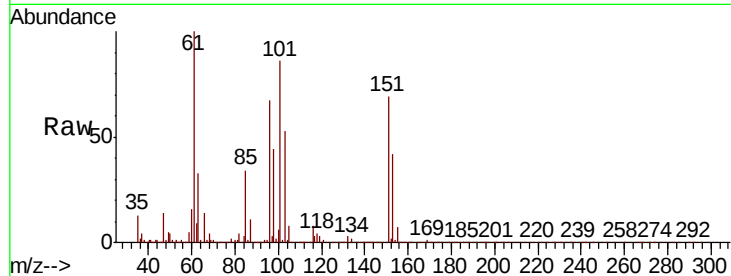
Tot Ion:101 Resp: 116441

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

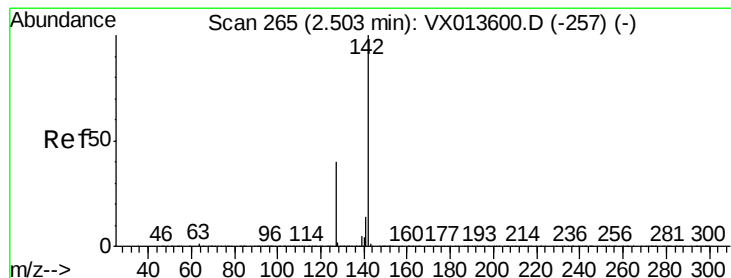
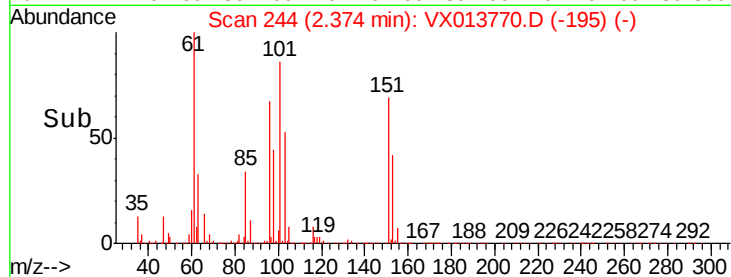
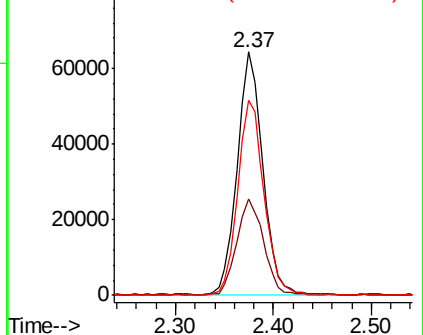
151 82.2 64.2 96.2



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: 16.600 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

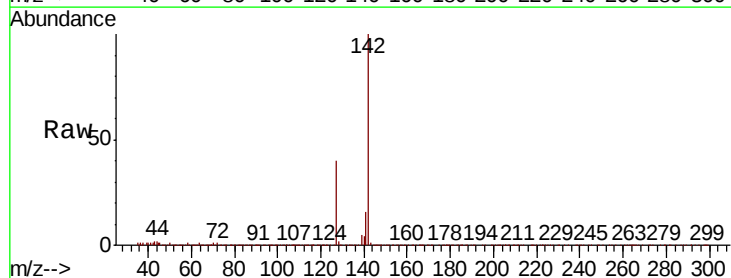
Tgt Ion:142 Resp: 123616

Ion Ratio Lower Upper

142 100

127 39.4 31.0 46.4

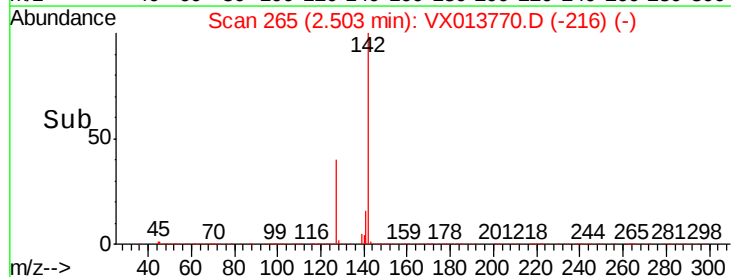
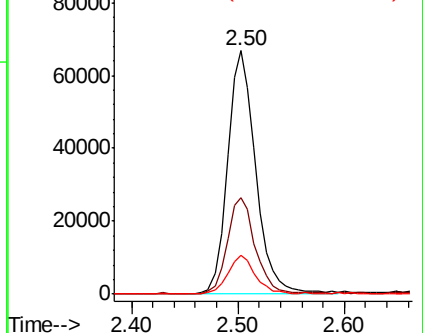
141 15.6 11.6 17.4



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



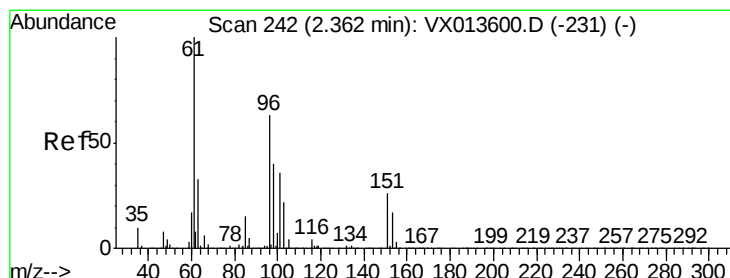
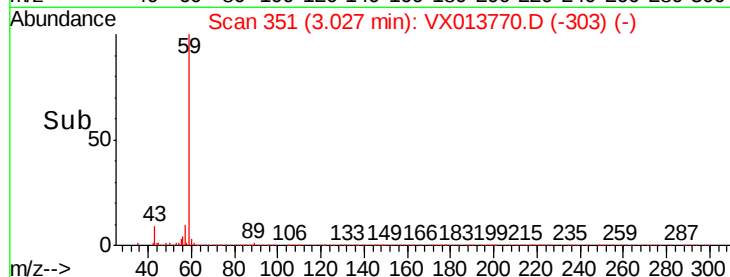
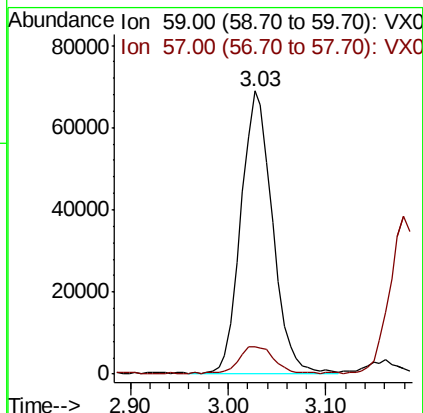
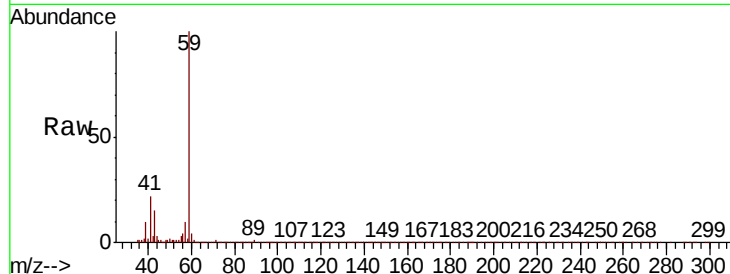


#11

Tert butyl alcohol
Concen: 83.020 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

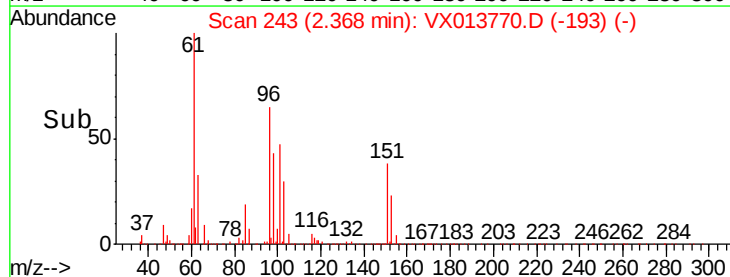
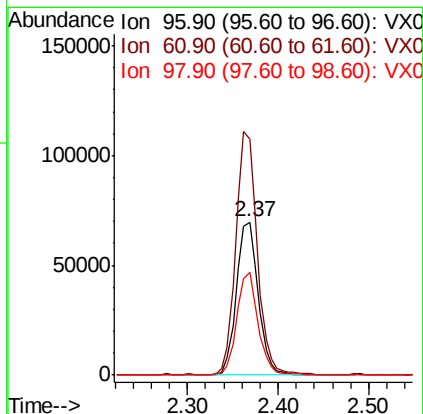
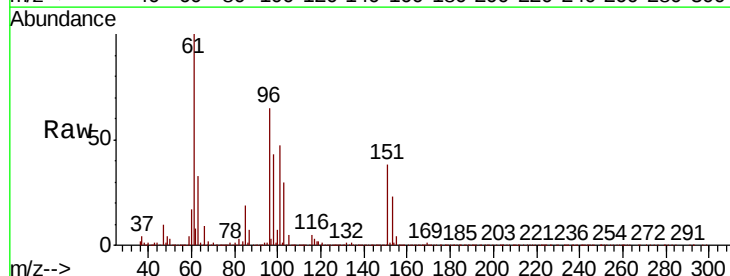
Tot Ion: 59 Resp: 153586
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

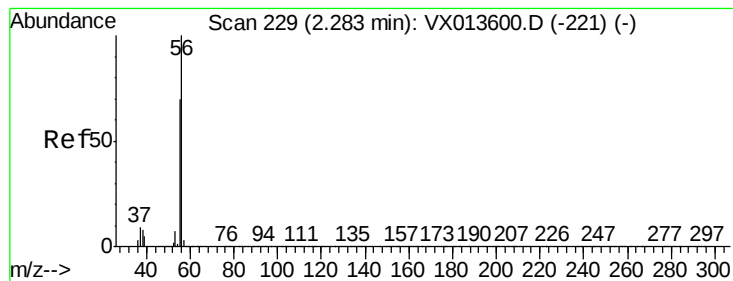


#12

1,1-Dichloroethene
Concen: 18.843 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 96 Resp: 115788
Ion Ratio Lower Upper
96 100
61 154.3 126.6 190.0
98 66.9 50.6 76.0





#13

Acrolein

Concen: 89.756 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

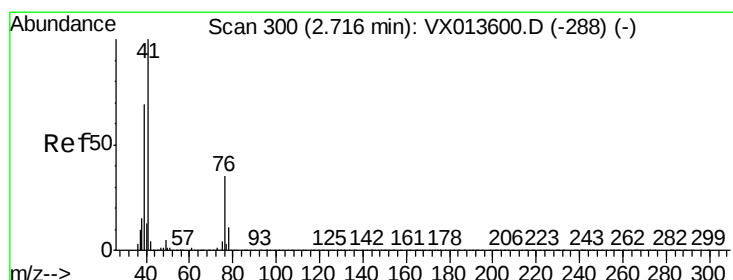
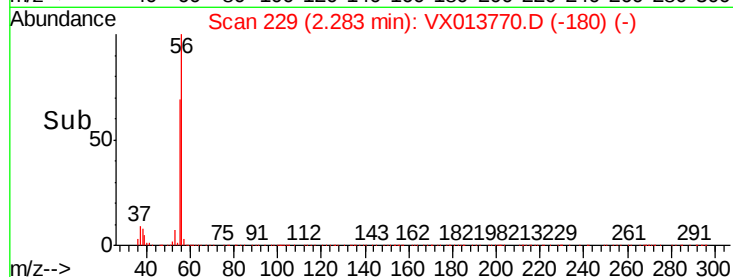
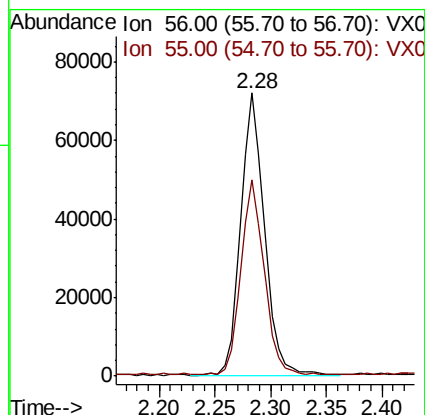
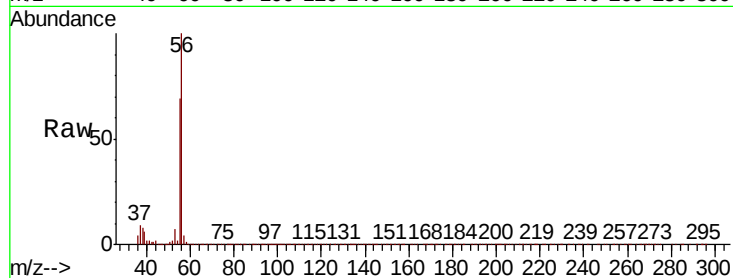
VX1205WBS02

Tot Ion: 56 Resp: 106170

Ion Ratio Lower Upper

56 100

55 68.2 56.2 84.4



#14

Allyl chloride

Concen: 18.321 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

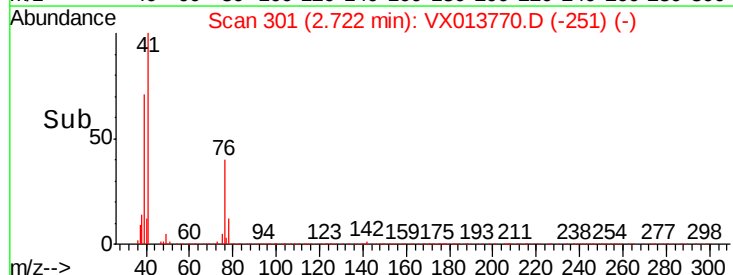
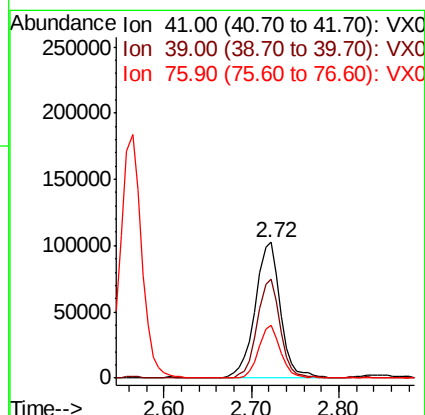
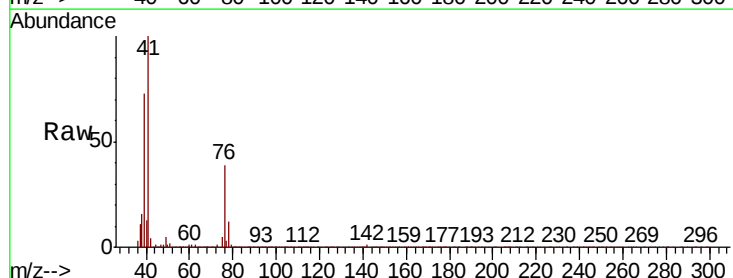
Tgt Ion: 41 Resp: 204307

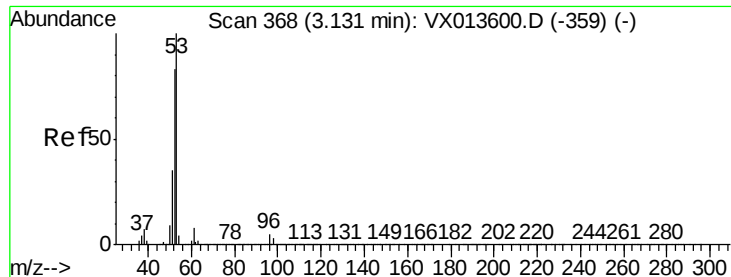
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 33.4 25.9 38.9





#15

Acrylonitrile

Concen: 93.519 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

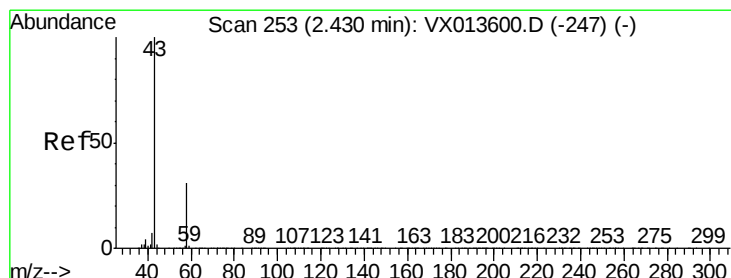
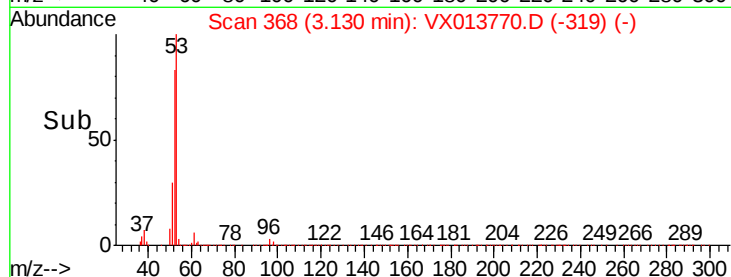
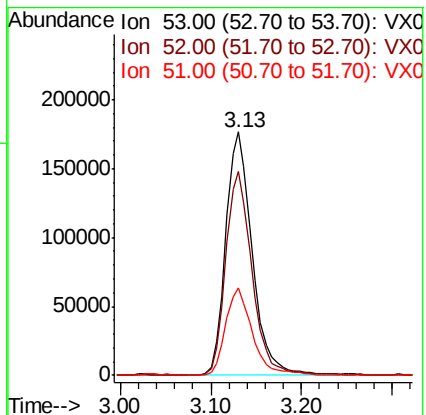
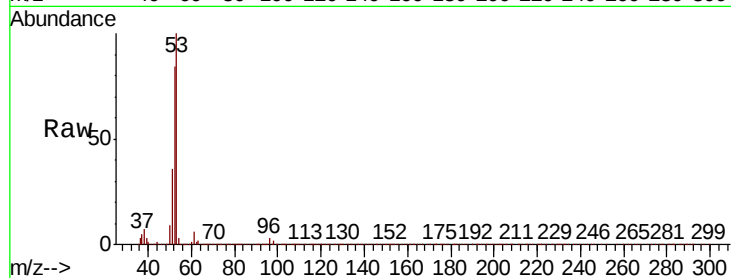
Tot Ion: 53 Resp: 357123

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

51 36.0 29.0 43.6



#16

Acetone

Concen: 94.136 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013770.D

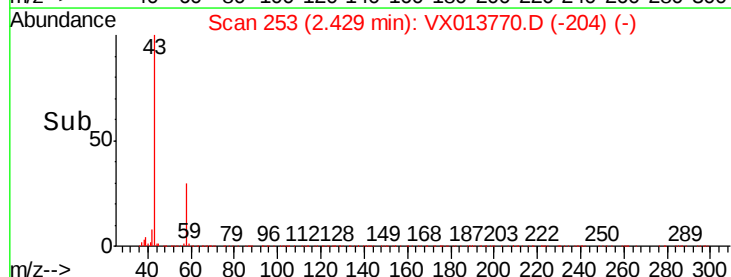
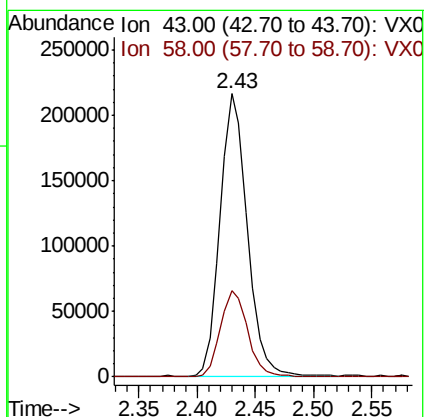
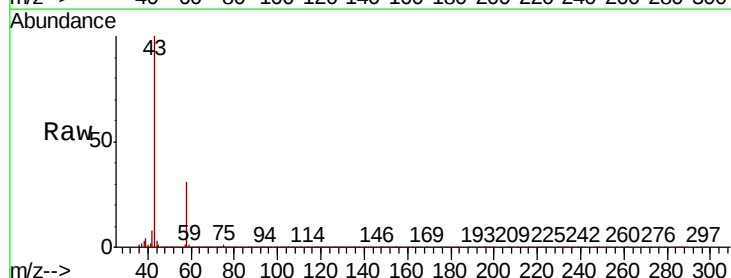
Acq: 05 Dec 2019 12:30

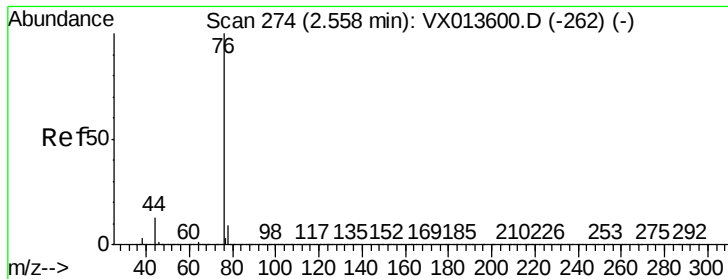
Tgt Ion: 43 Resp: 348338

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8





#17

Carbon Disulfide

Concen: 17.317 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

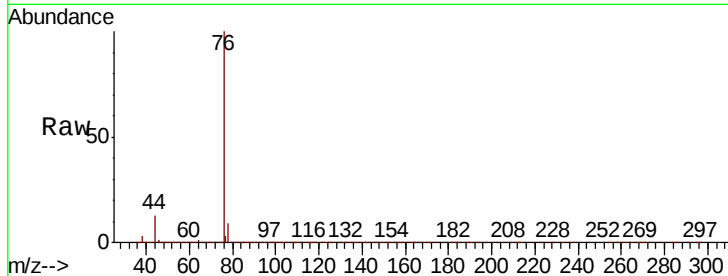
VX1205WBS02

Tot Ion: 76 Resp: 303342

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

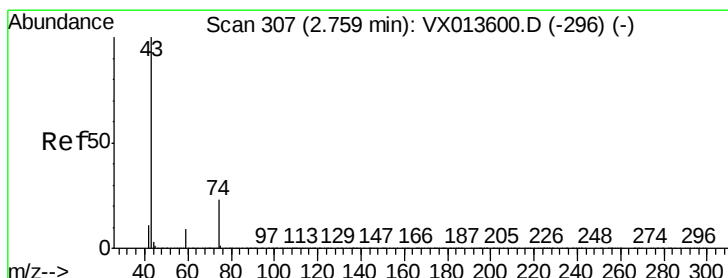
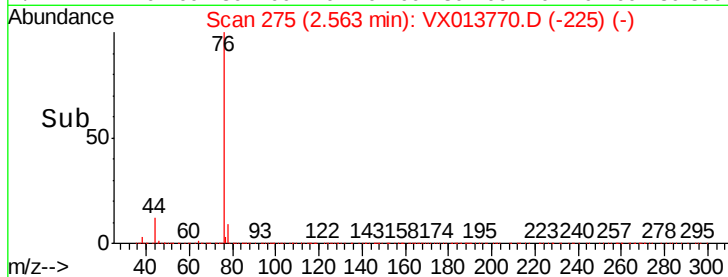
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.915 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013770.D

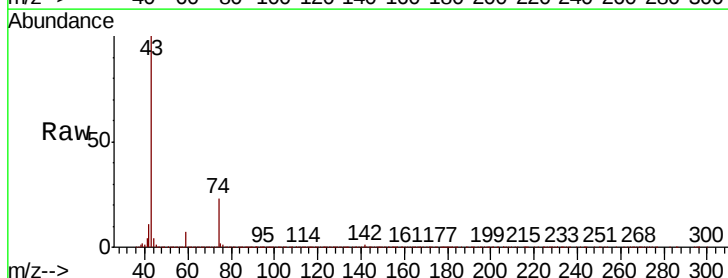
Acq: 05 Dec 2019 12:30

Tgt Ion: 43 Resp: 205210

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

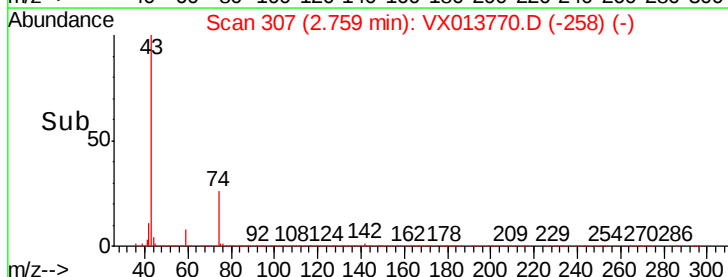
50000

0

2.76

2.70 2.80 2.90

Time-->

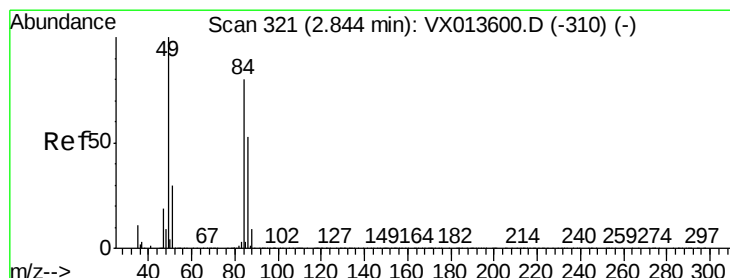
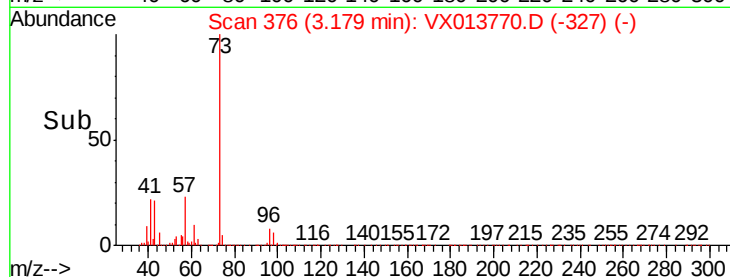
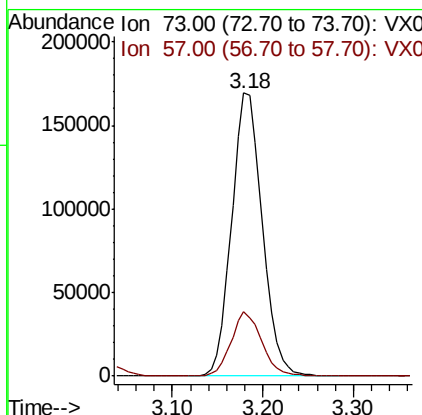
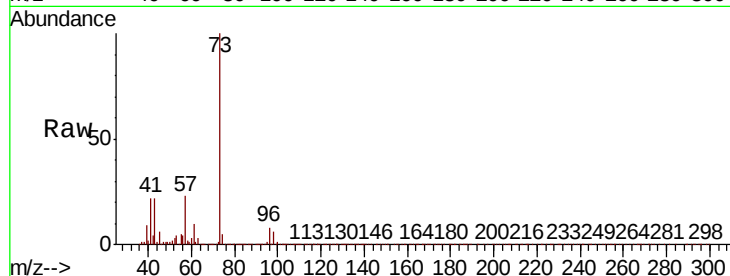




#19
Methvl tert-butvl Ether
Concen: 19.440 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

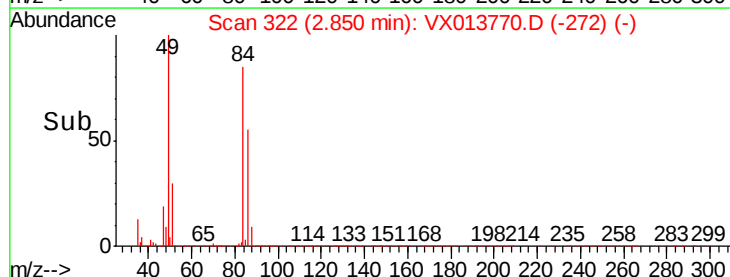
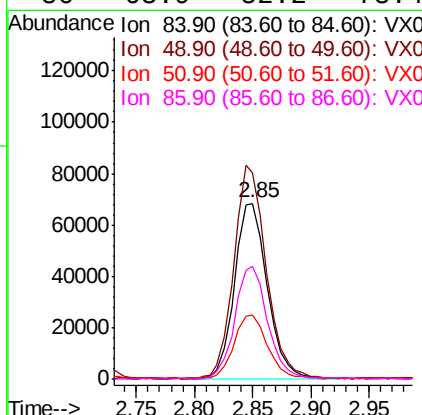
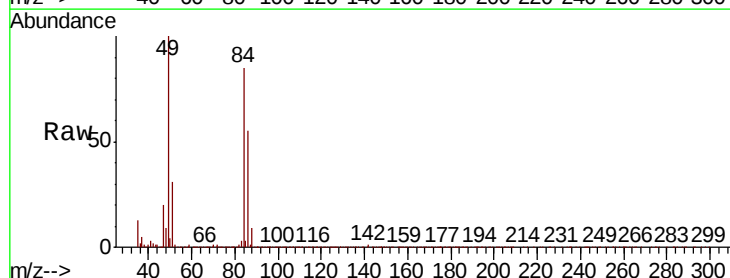
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

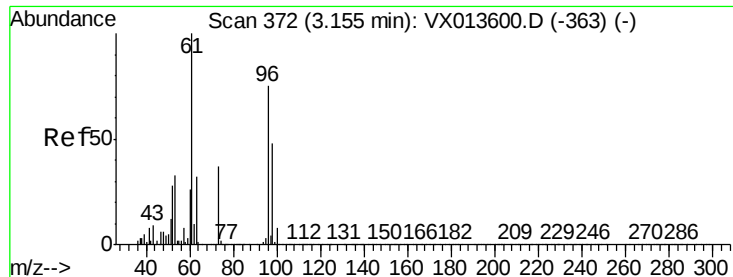
Tot Ion: 73 Resp: 395725
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 18.977 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 84 Resp: 134911
Ion Ratio Lower Upper
84 100
49 117.0 99.7 149.5
51 35.9 29.9 44.9
86 63.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.290 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

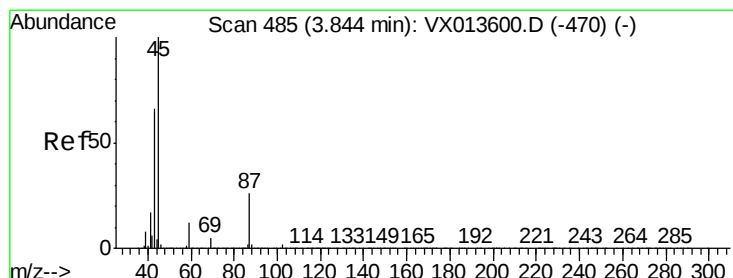
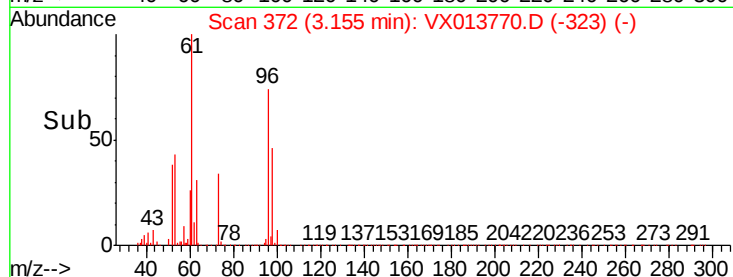
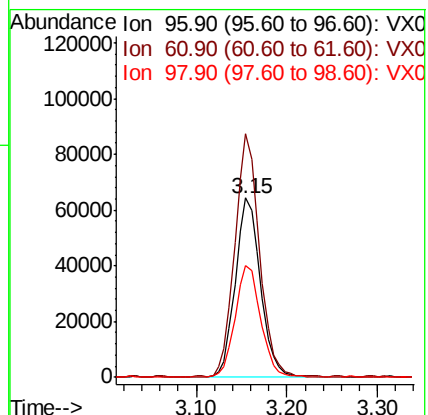
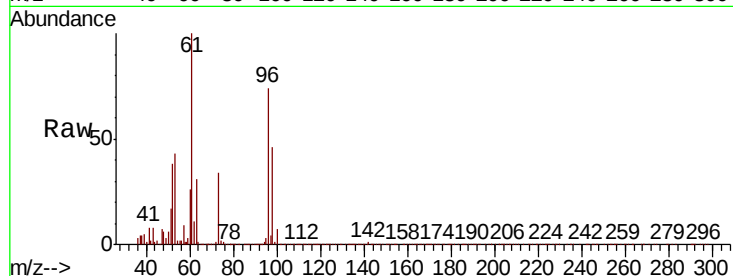
Tot Ion: 96 Resp: 122436

Ion Ratio Lower Upper

96 100

61 135.9 107.2 160.8

98 62.2 51.4 77.0



#22

Diisopropyl ether

Concen: 19.465 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion: 45 Resp: 417950

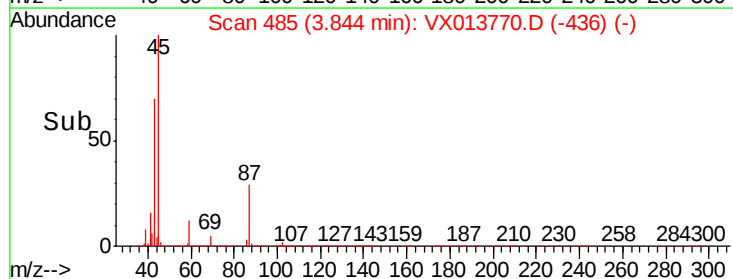
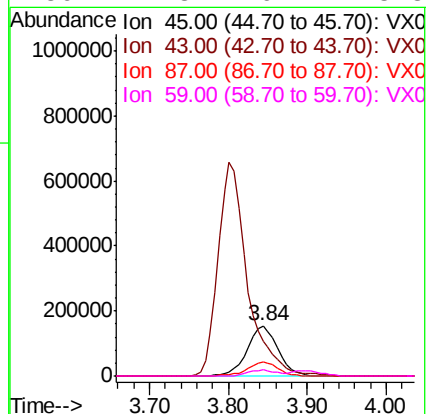
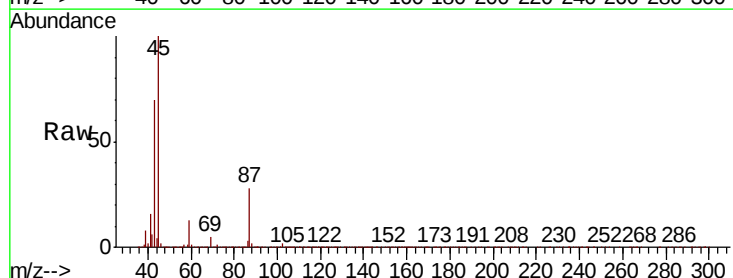
Ion Ratio Lower Upper

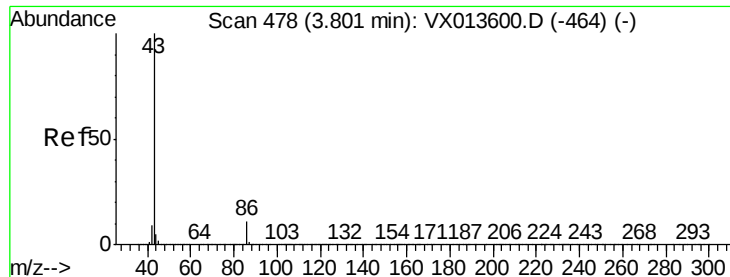
45 100

43 69.6 52.6 79.0

87 28.3 21.1 31.7

59 12.3 9.2 13.8





#23

Vinyl Acetate

Concen: 95.272 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

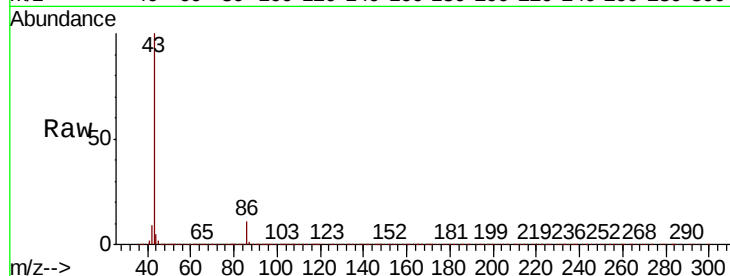
VX1205WBS02

Tot Ion: 43 Resp: 1701814

Ion Ratio Lower Upper

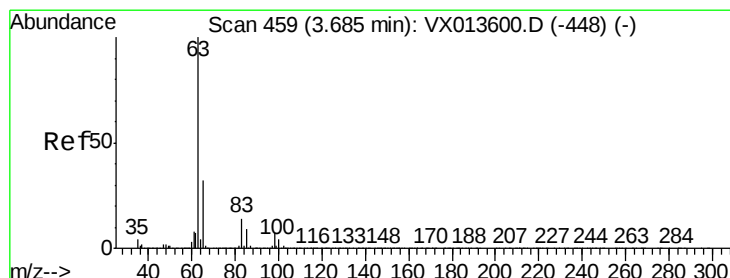
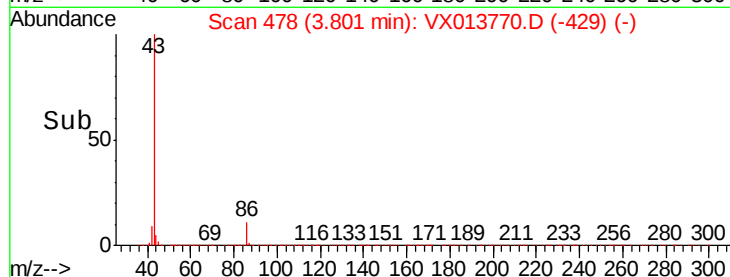
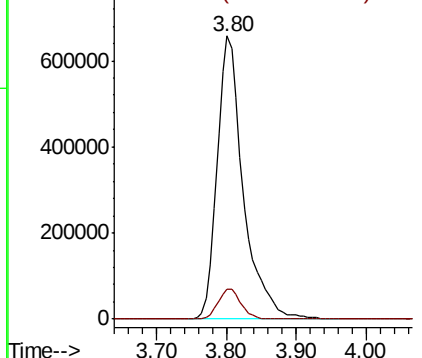
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.495 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

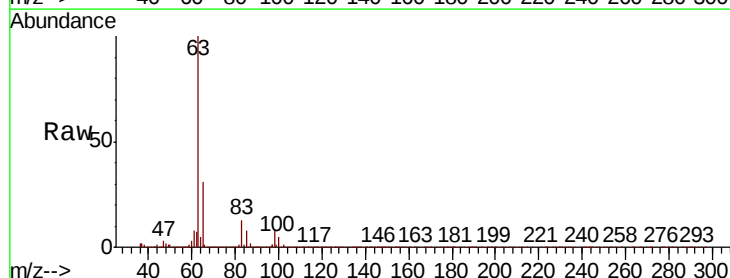
Tgt Ion: 63 Resp: 228829

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

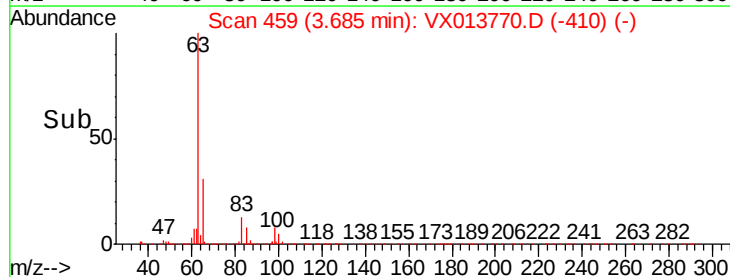
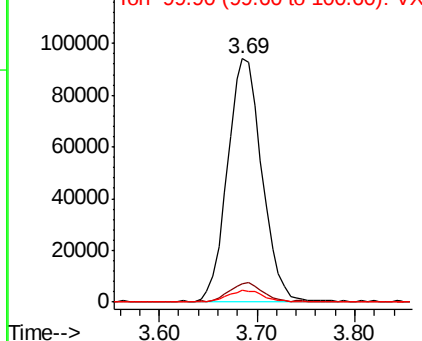
100 4.9 2.1 6.3

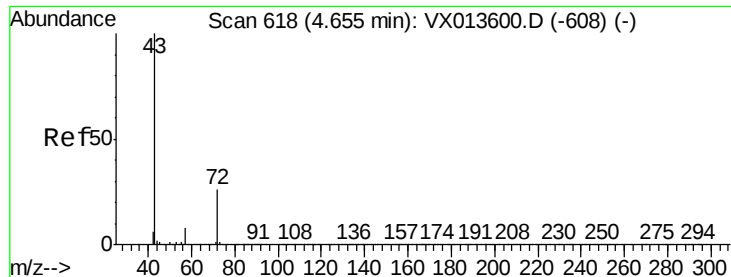


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.669 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

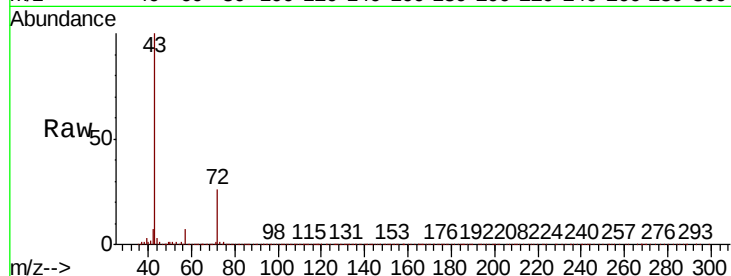
VX1205WBS02

Tot Ion: 43 Resp: 520626

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

200000

150000

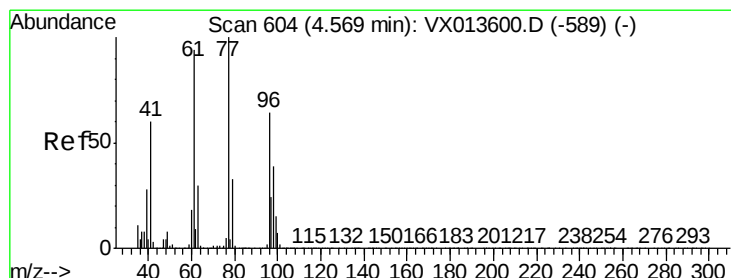
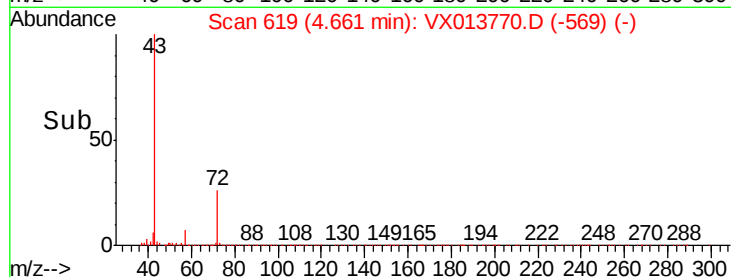
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.872 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013770.D

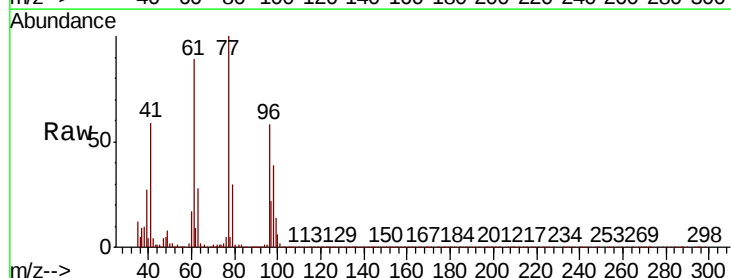
Acq: 05 Dec 2019 12:30

Tgt Ion: 77 Resp: 183278

Ion Ratio Lower Upper

77 100

97 22.7 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

60000

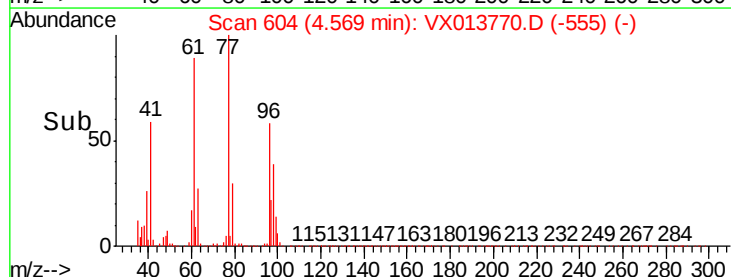
40000

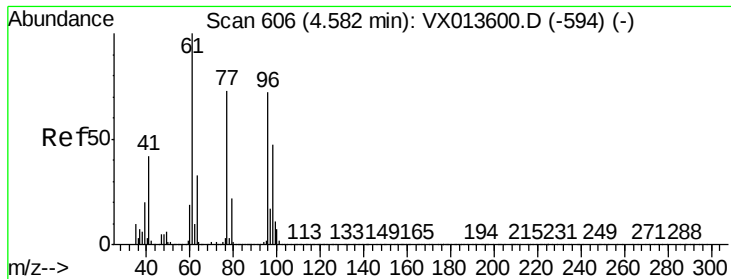
20000

0

4.40 4.50 4.60 4.70

Time-->



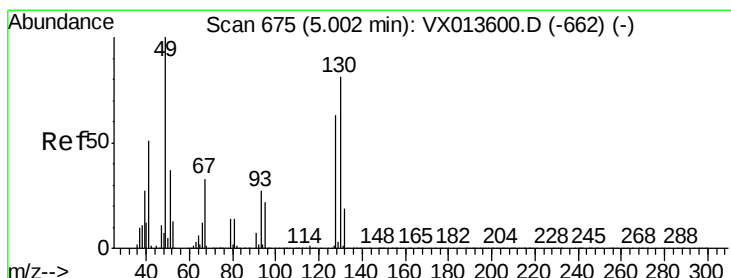
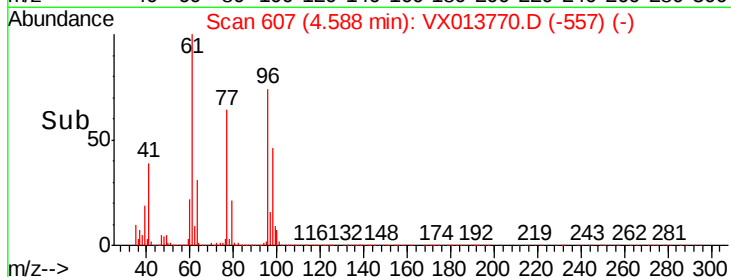
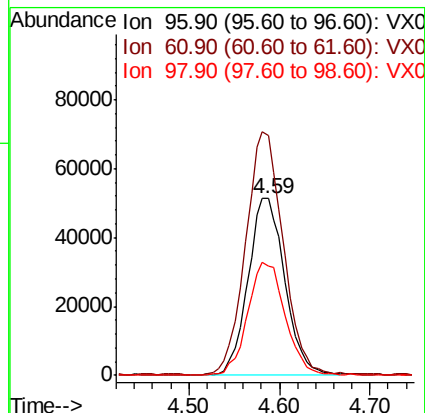
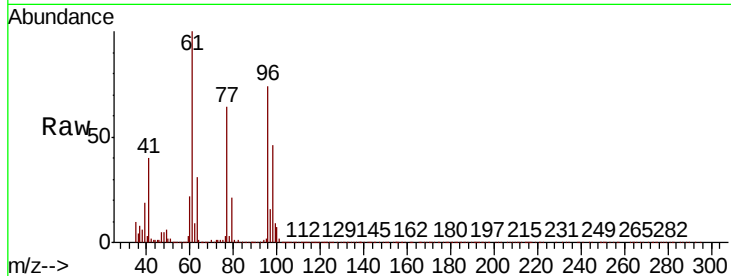


#27

cis-1,2-Dichloroethene
Concen: 18.767 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

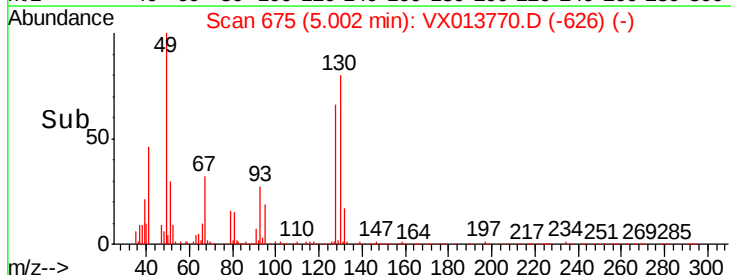
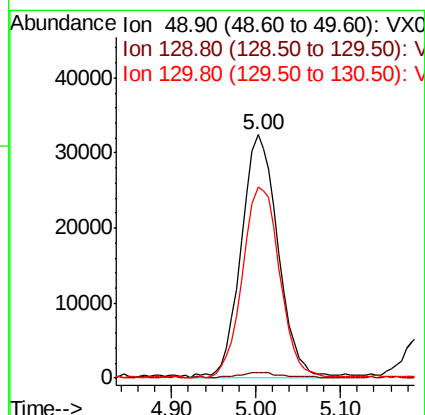
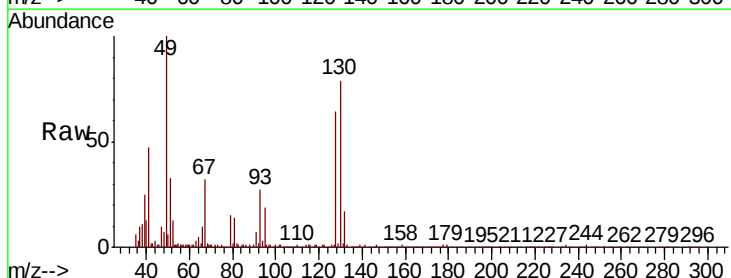
Tot Ion: 96 Resp: 144268
Ion Ratio Lower Upper
96 100
61 140.6 0.0 286.4
98 65.0 0.0 127.4

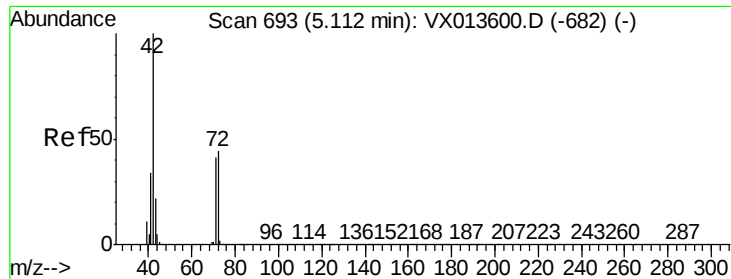


#28

Bromochloromethane
Concen: 20.779 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 49 Resp: 96418
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.0
130 79.8 65.4 98.0

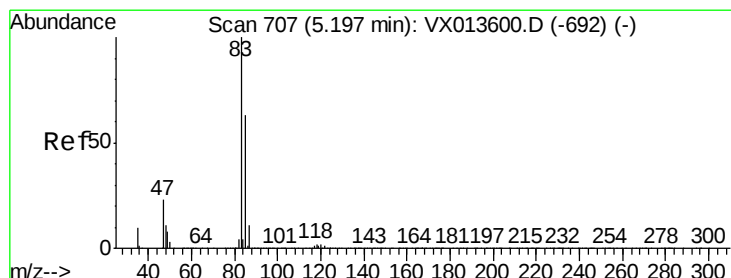
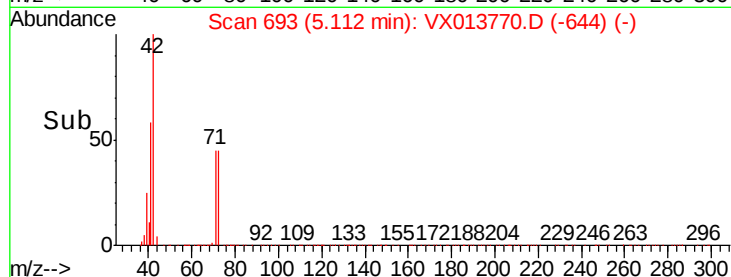
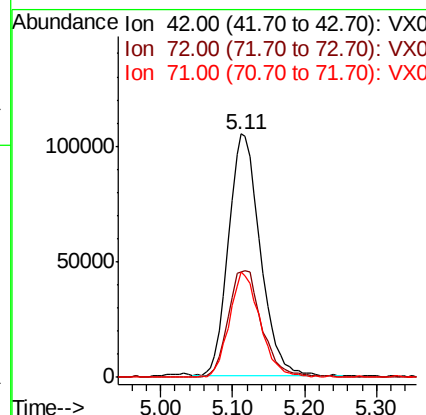
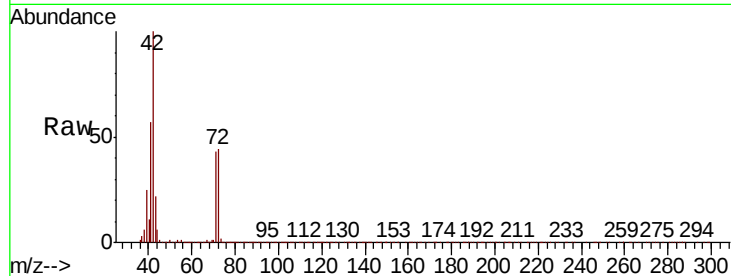




#29
Tetrahydrofuran
Concen: 94.909 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

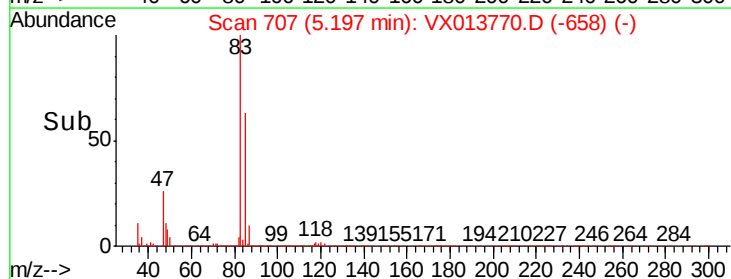
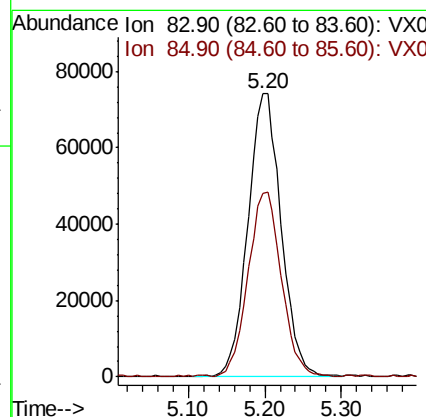
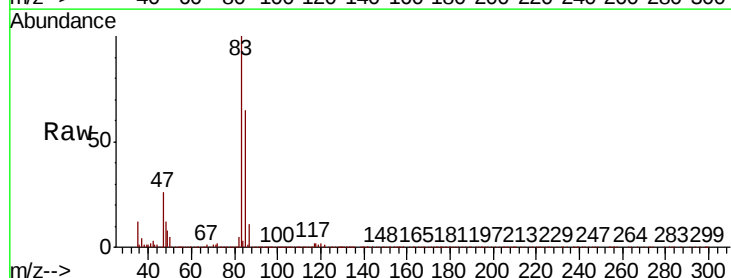
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion: 42 Resp: 321763
Ion Ratio Lower Upper
42 100
72 46.1 36.3 54.5
71 41.9 33.2 49.8



#30
Chloroform
Concen: 18.743 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 83 Resp: 223117
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4

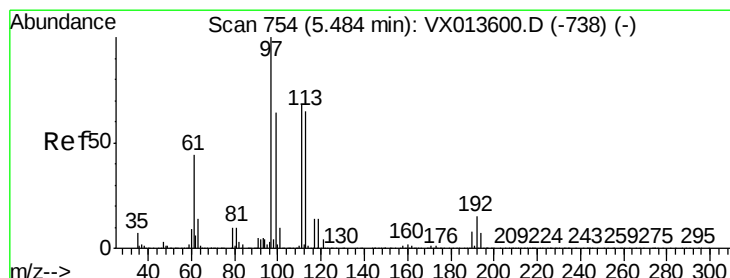
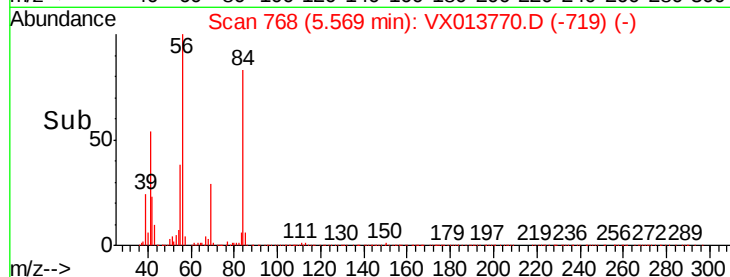
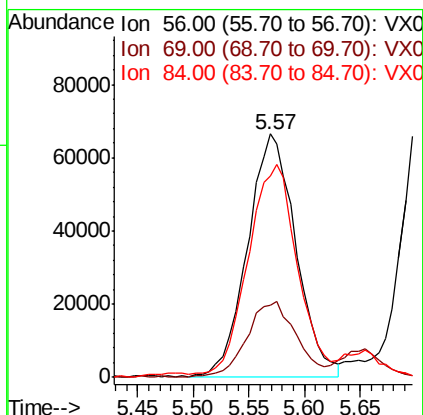
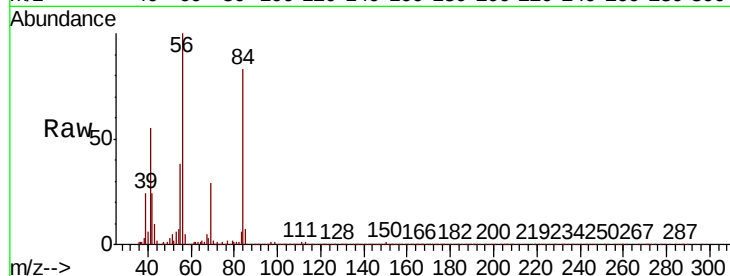




#31
Cyclohexane
Concen: 18.012 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

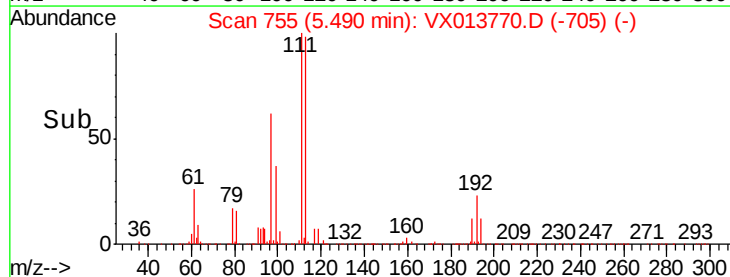
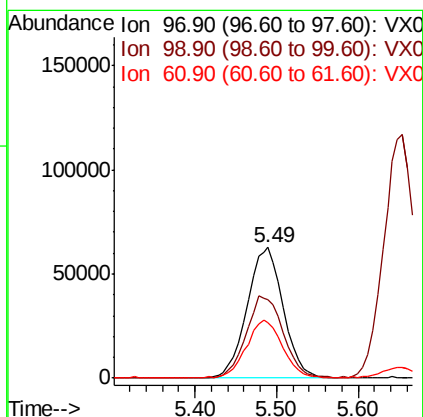
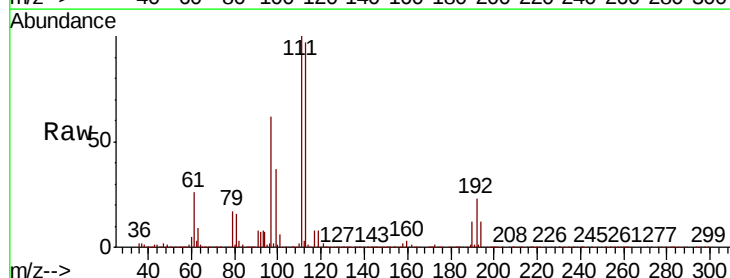
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

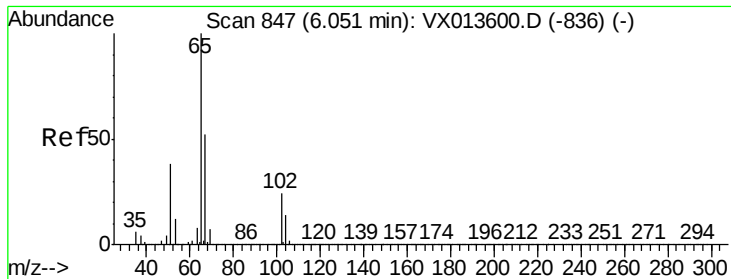
Tot Ion: 56 Resp: 199423
Ion Ratio Lower Upper
56 100
69 29.0 24.6 36.8
84 82.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.433 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 97 Resp: 193322
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 44.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.366 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

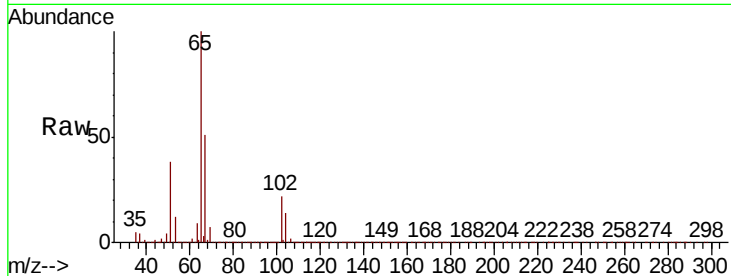
VX1205WBS02

Tot Ion: 65 Resp: 340016

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

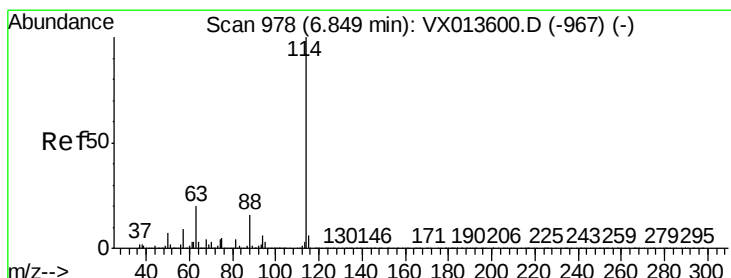
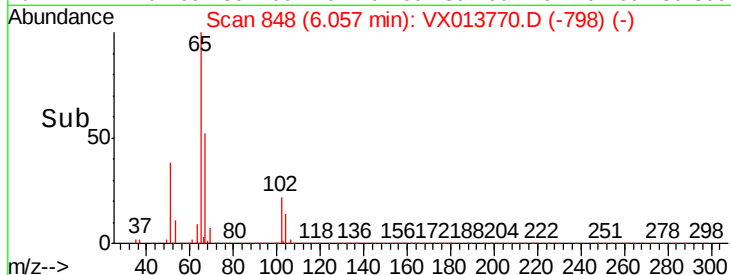
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

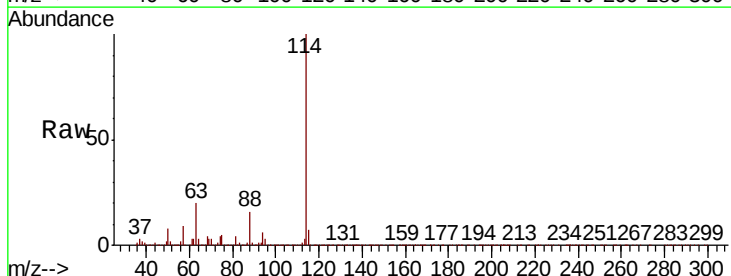
Tgt Ion: 114 Resp: 979976

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

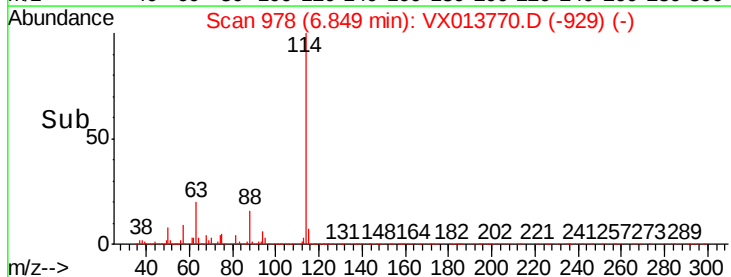
300000

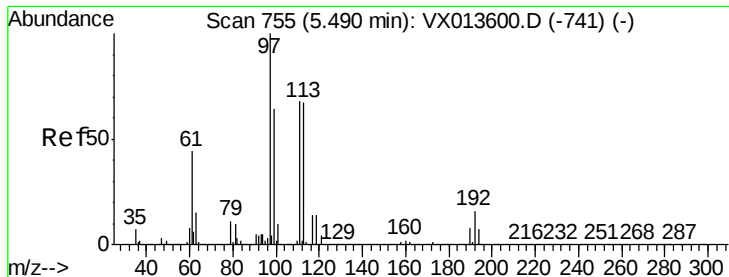
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.088 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

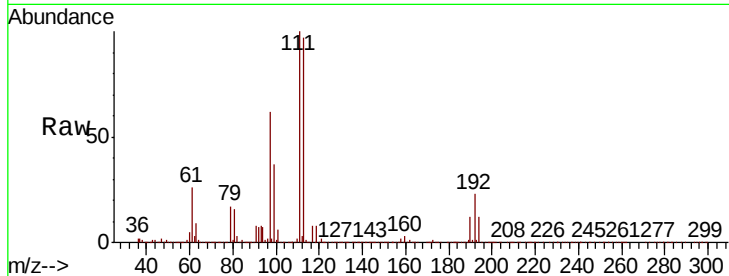
Tot Ion:113 Resp: 285272

Ion Ratio Lower Upper

113 100

111 102.2 83.6 125.4

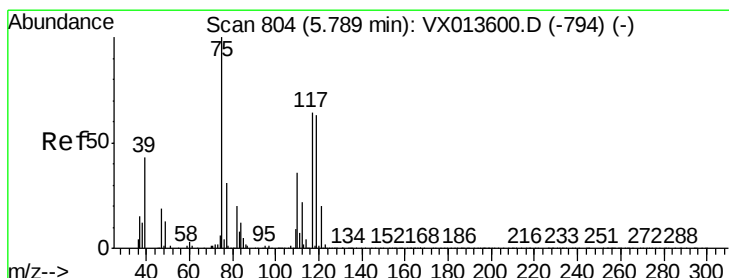
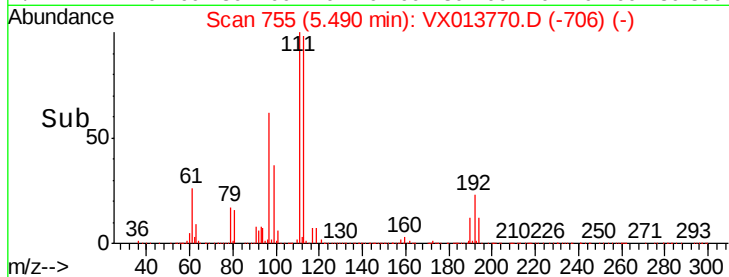
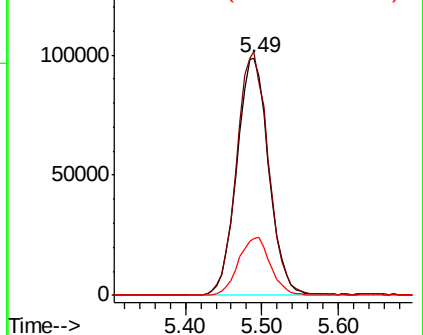
192 24.2 19.2 28.8



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: 18.601 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

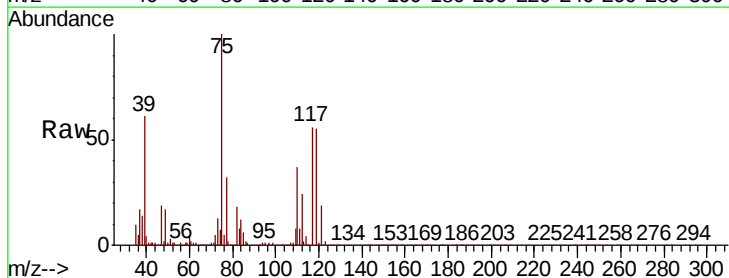
Tgt Ion: 75 Resp: 165470

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.1

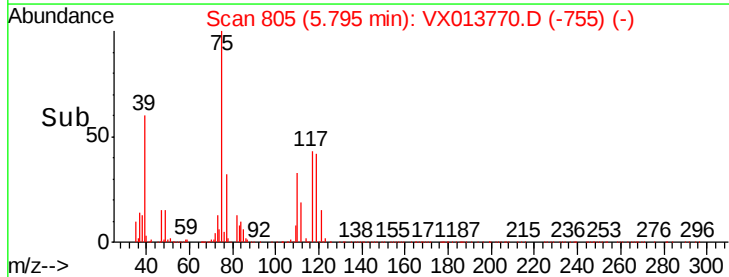
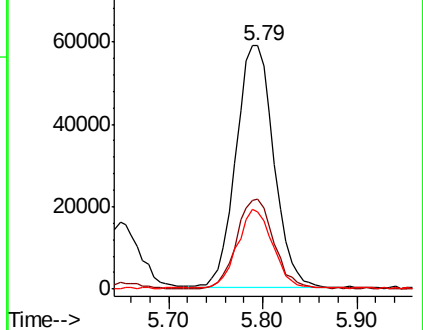
77 30.0 24.5 36.7

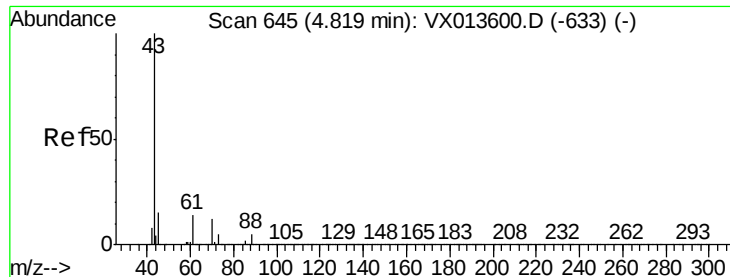


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

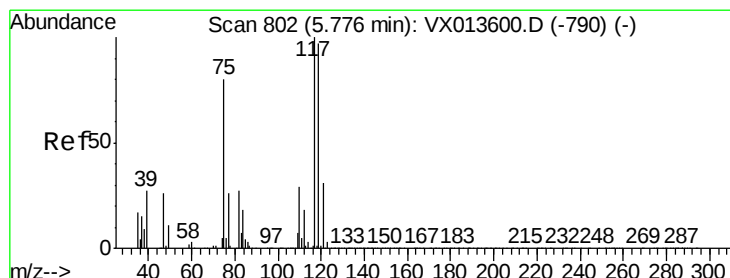
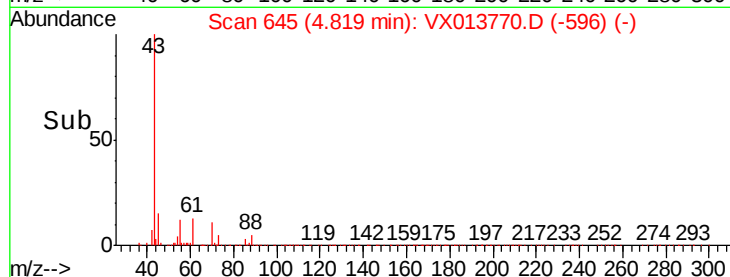
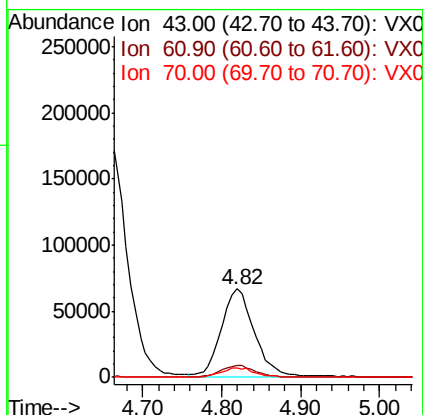
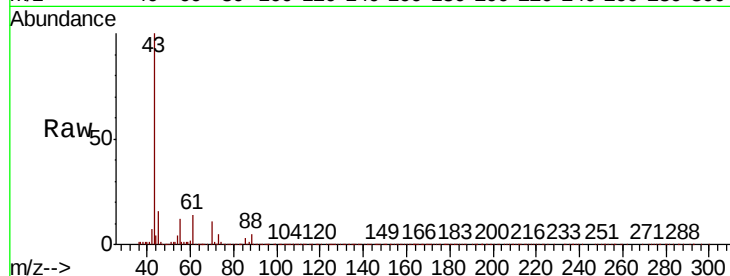




#37
Ethyl Acetate
Concen: 19.295 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

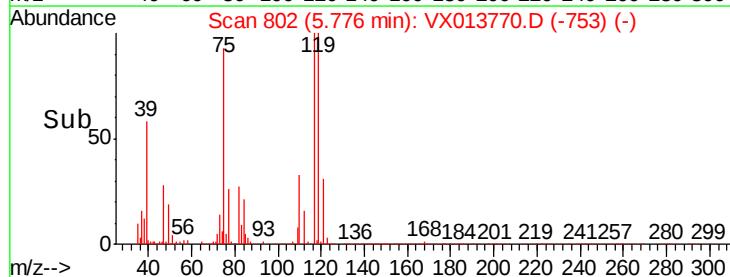
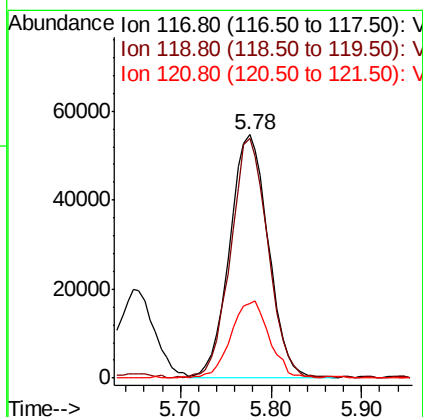
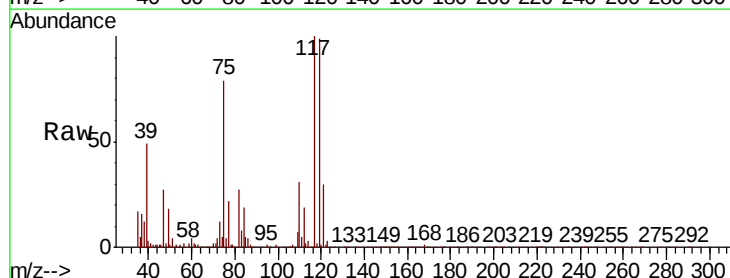
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

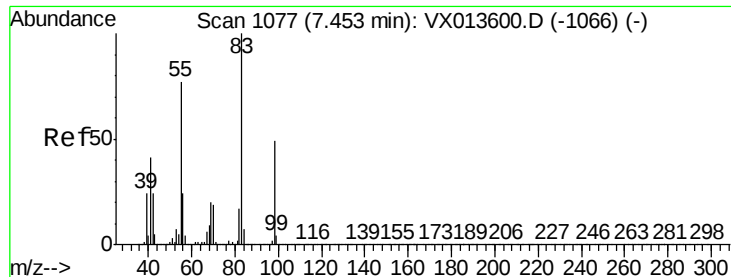
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.704 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.5	116.3
121	30.3	25.0	37.6

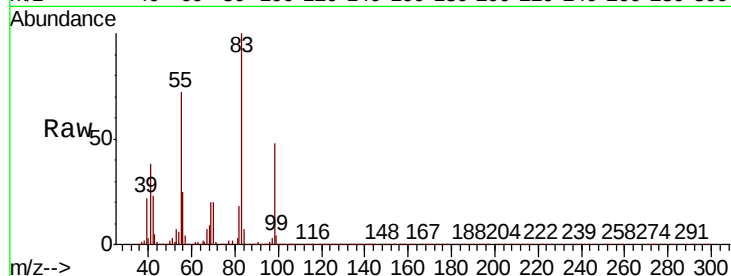




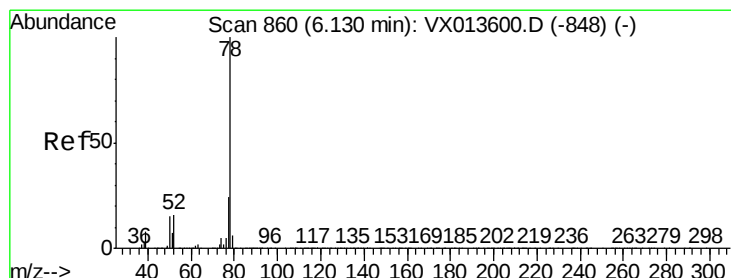
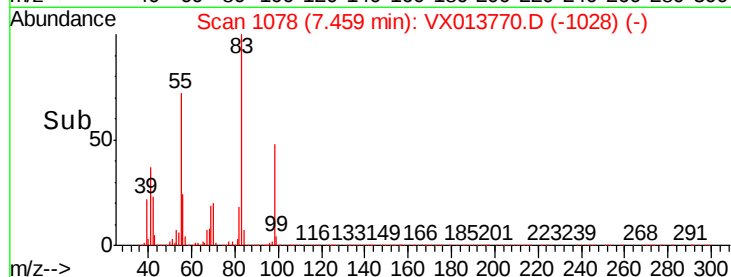
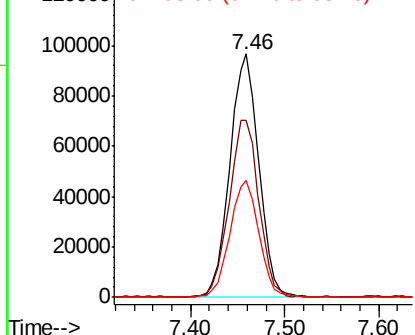
#39
Methvlcvclohexane
Concen: 18.670 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	61.9	92.9
98	47.6	39.4	59.0

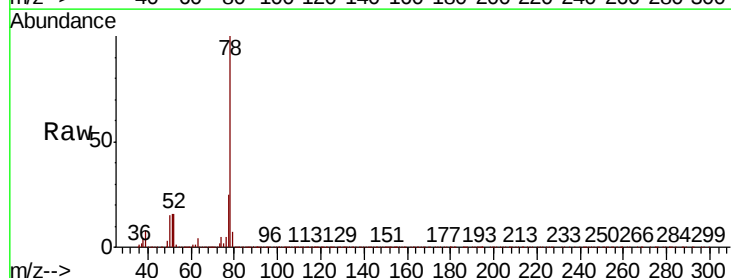


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

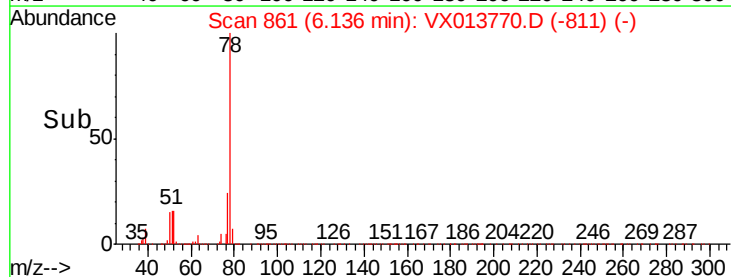
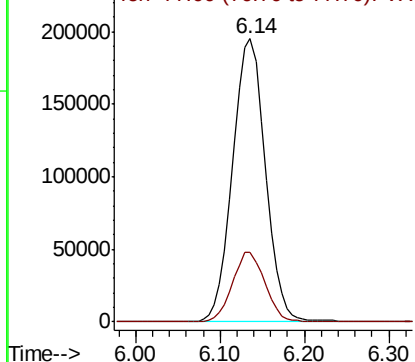


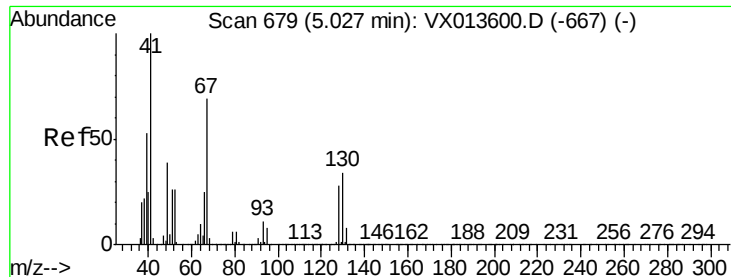
#40
Benzene
Concen: 18.927 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.605 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 41 Resp: 107299

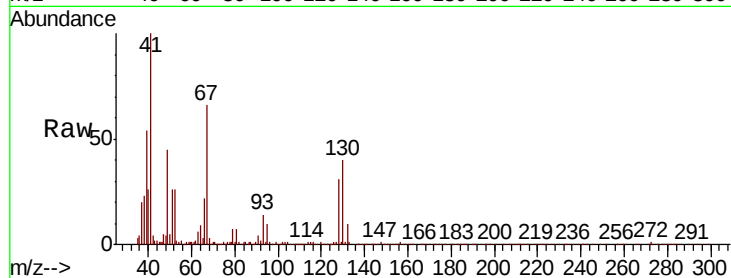
Ion Ratio Lower Upper

41 100

39 53.3 42.9 64.3

67 74.8 57.4 86.0

52 26.3 22.4 33.6

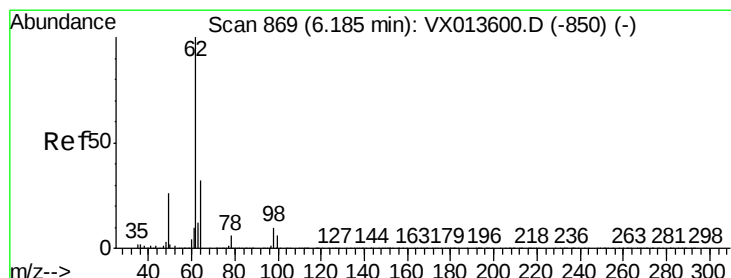
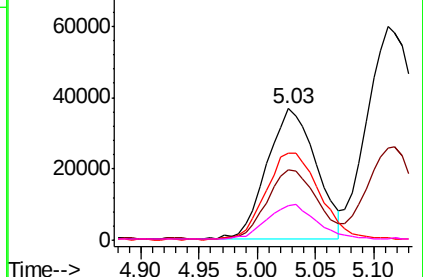
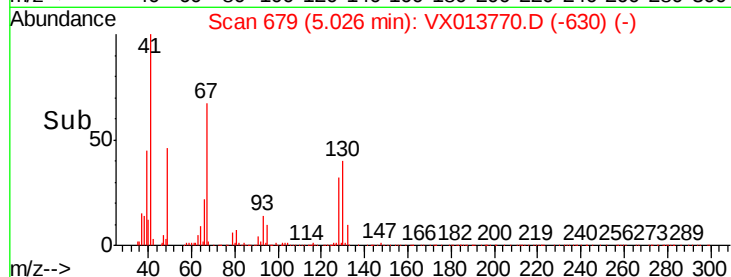


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.516 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013770.D

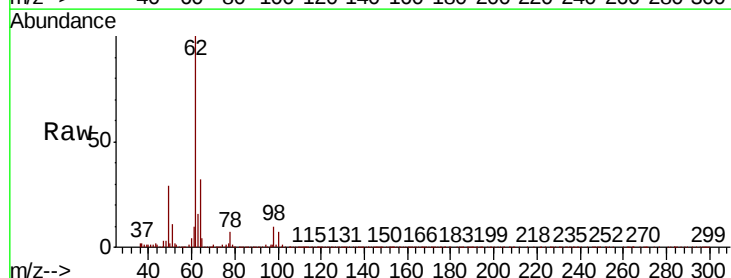
Acq: 05 Dec 2019 12:30

Tgt Ion: 62 Resp: 180326

Ion Ratio Lower Upper

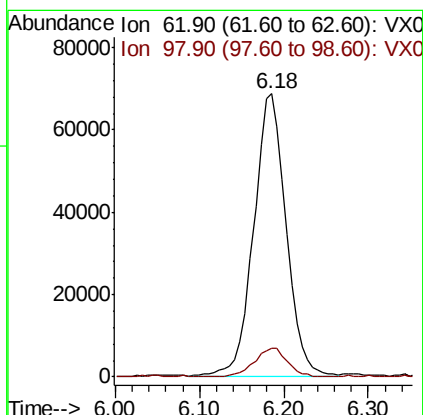
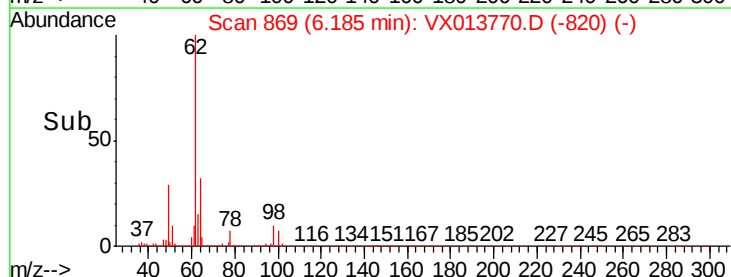
62 100

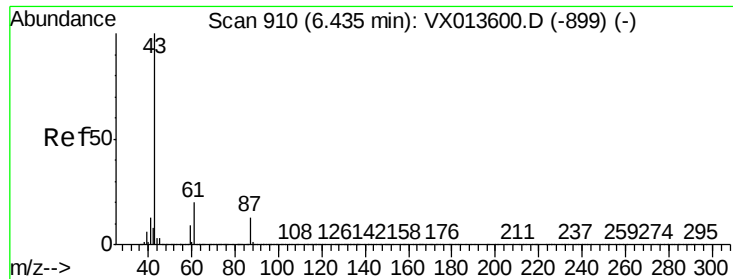
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



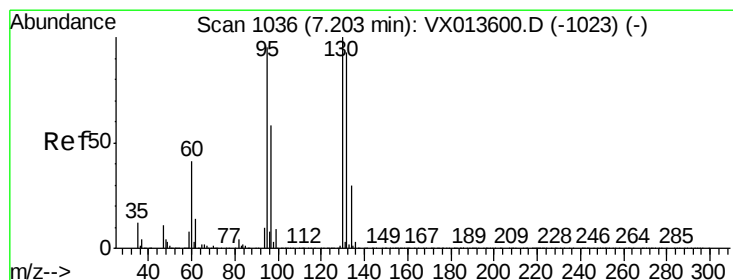
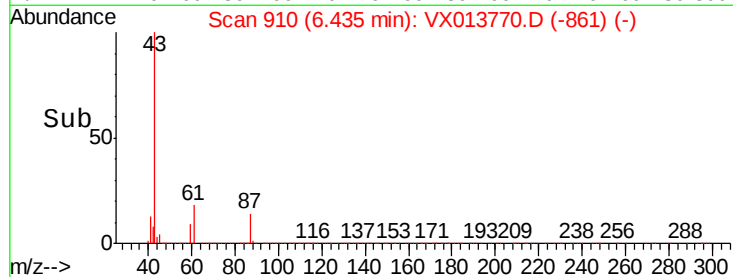
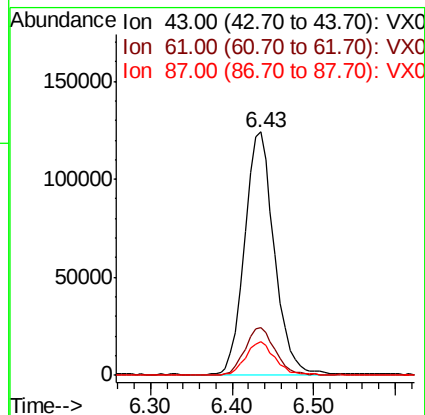
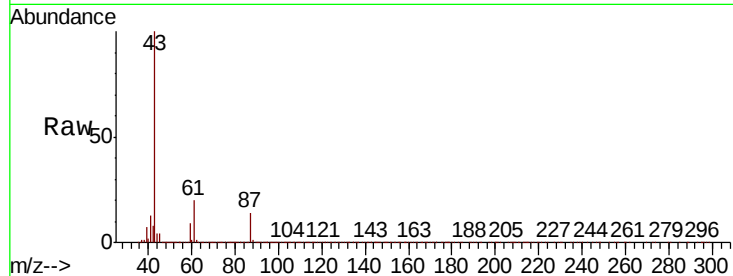


#43

Isopropyl Acetate
 Concen: 18.940 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

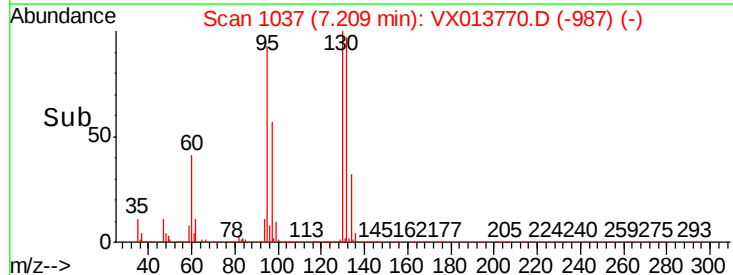
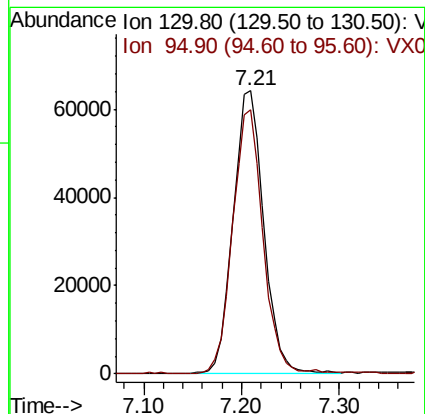
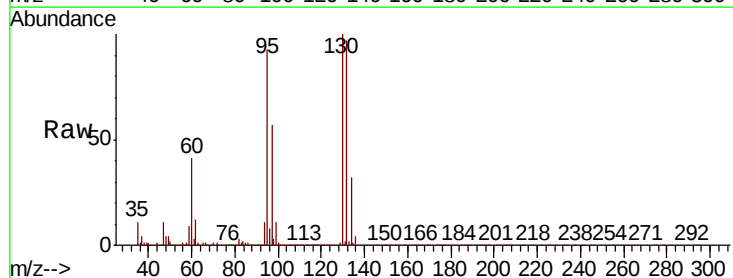
Tot Ion	43	Resp	311177
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.3	24.5
87	13.7	10.8	16.2



#44

Trichloroethene
 Concen: 18.673 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	130	Resp	138846
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.003 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

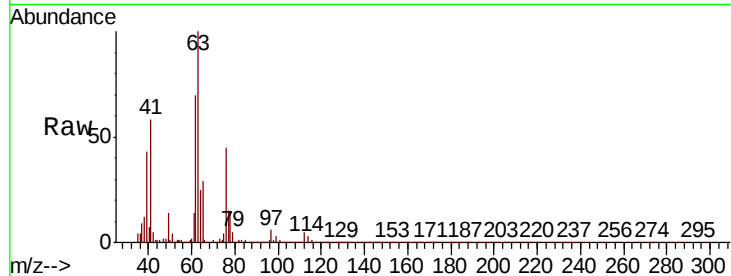
VX1205WBS02

Tot Ion: 63 Resp: 135592

Ion Ratio Lower Upper

63 100

65 28.7 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

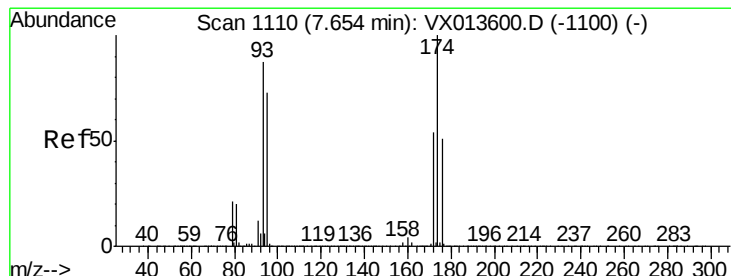
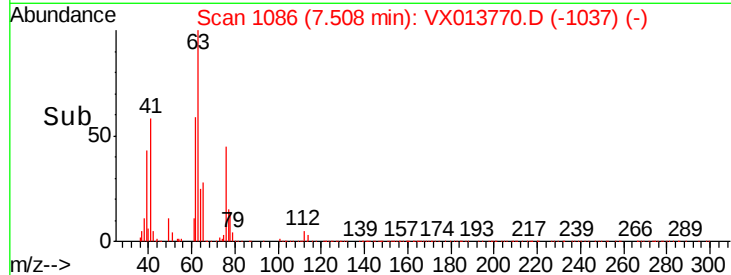
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.601 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

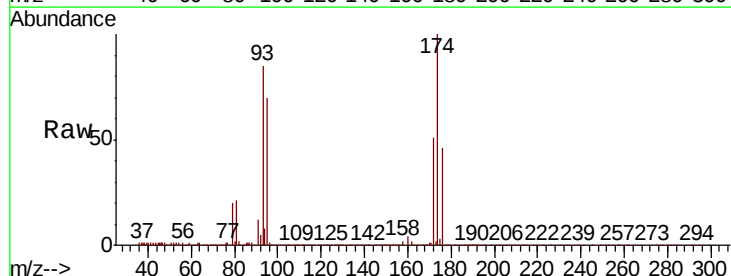
Tgt Ion: 93 Resp: 85639

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

174 120.2 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

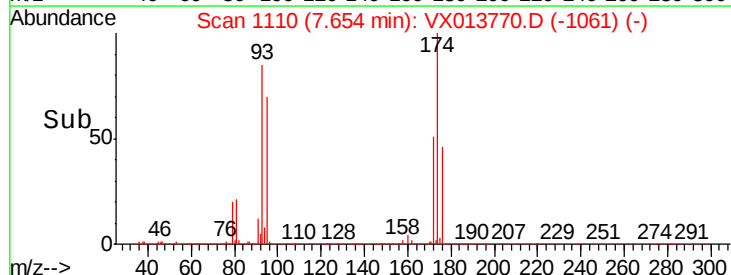
40000

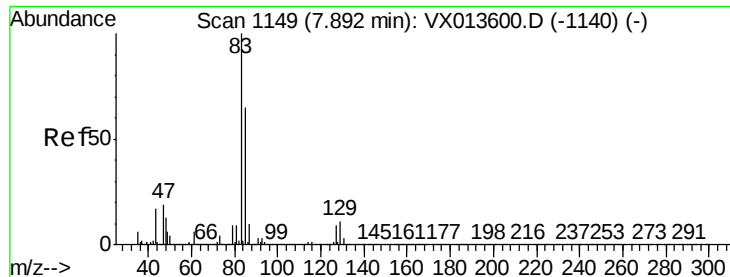
20000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 19.612 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

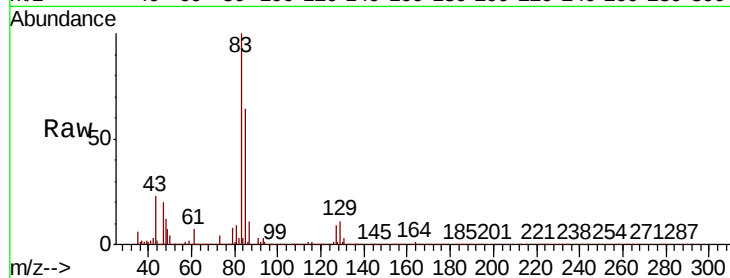
Tot Ion: 83 Resp: 170692

Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

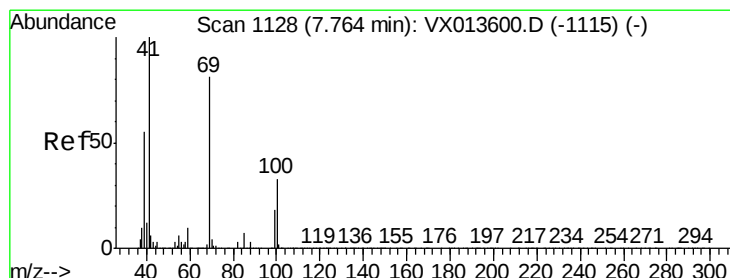
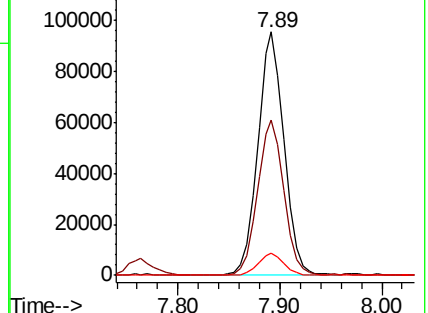
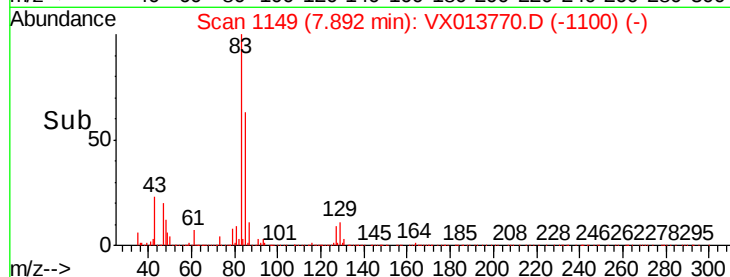
127 8.7 7.0 10.4



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: 19.417 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

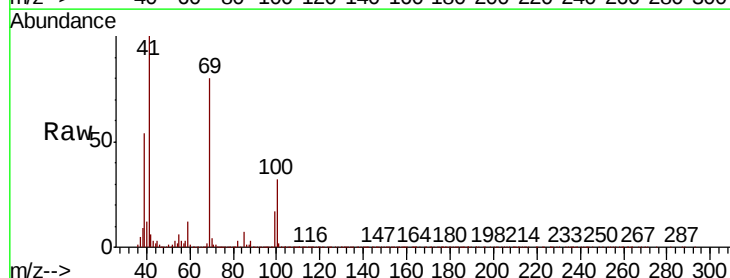
Tgt Ion: 41 Resp: 154998

Ion Ratio Lower Upper

41 100

69 83.5 64.7 97.1

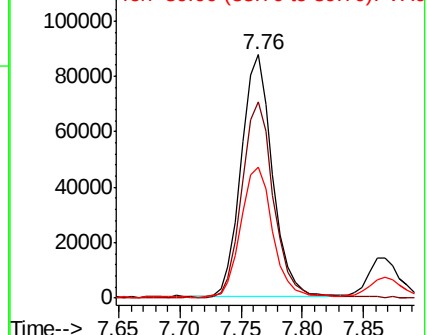
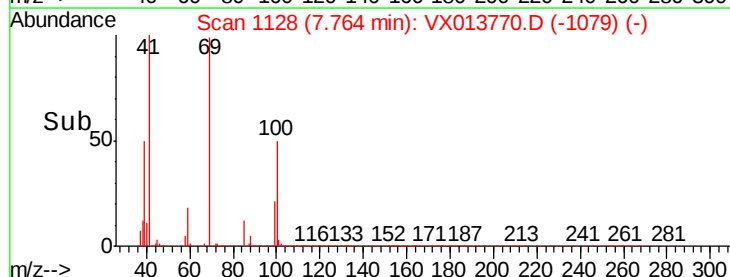
39 56.2 43.8 65.6

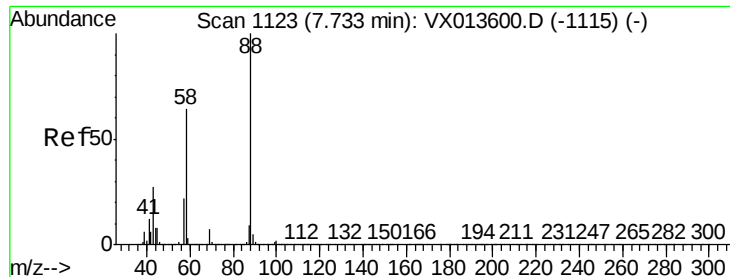


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 348.148 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

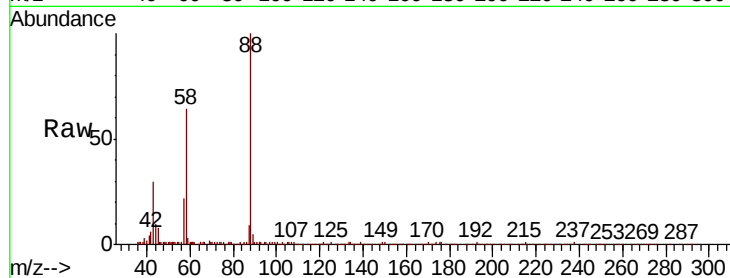
Tot Ion: 88 Resp: 62209

Ion Ratio Lower Upper

88 100

43 30.6 25.8 38.6

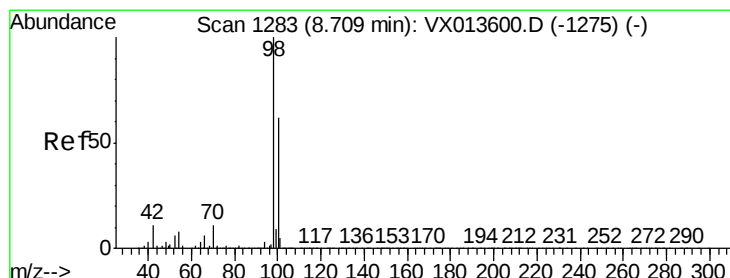
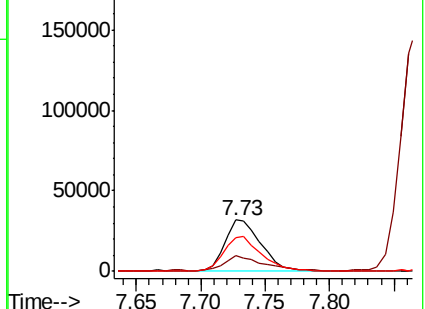
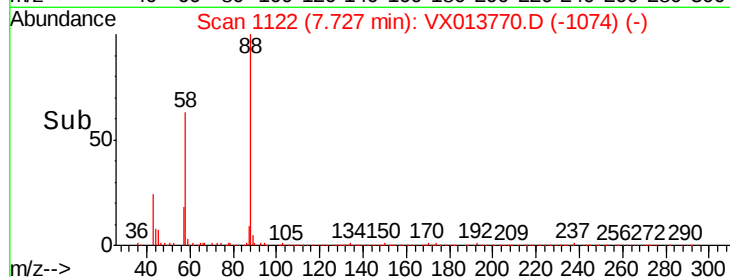
58 71.9 54.6 82.0



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: 46.206 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013770.D

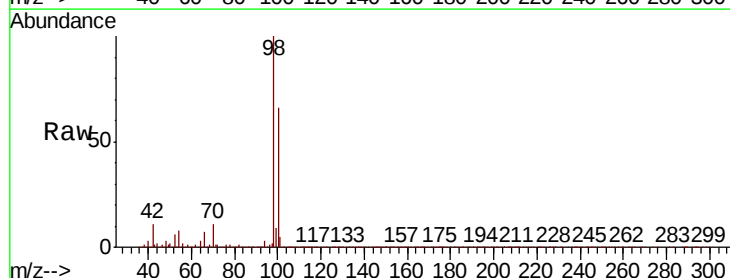
Acq: 05 Dec 2019 12:30

Tgt Ion: 98 Resp: 1090649

Ion Ratio Lower Upper

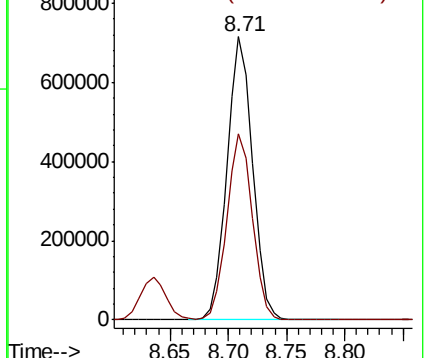
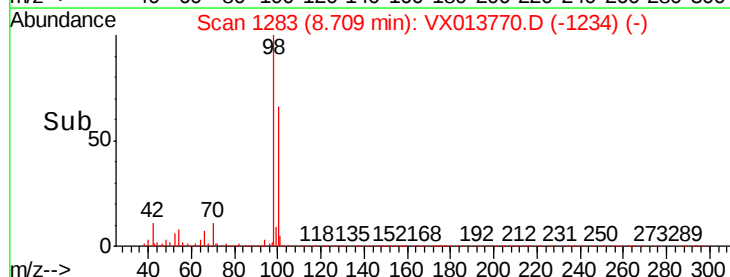
98 100

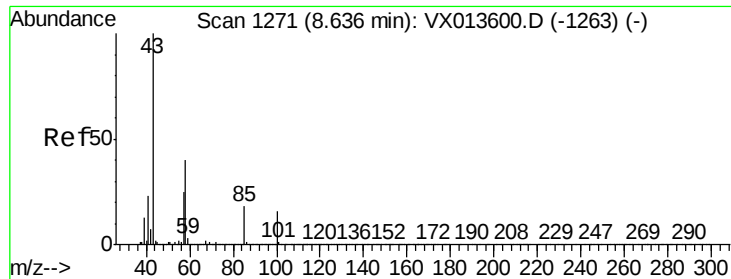
100 65.2 53.1 79.7



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: 95.960 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

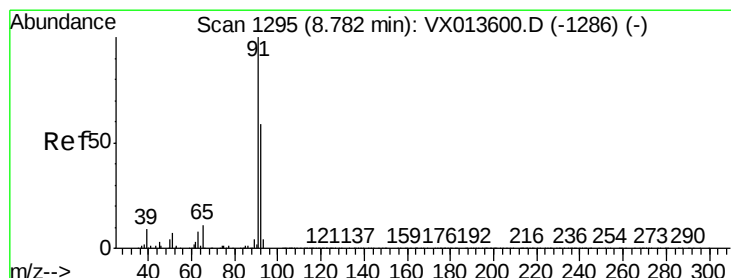
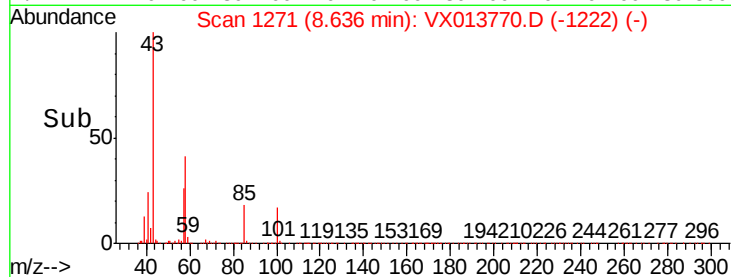
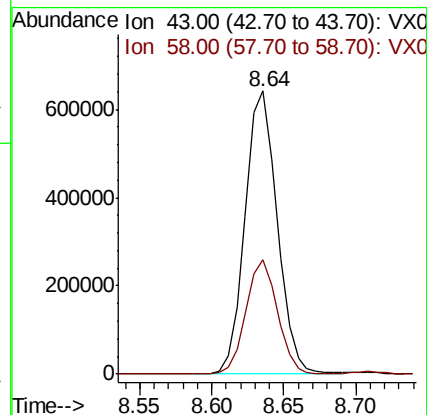
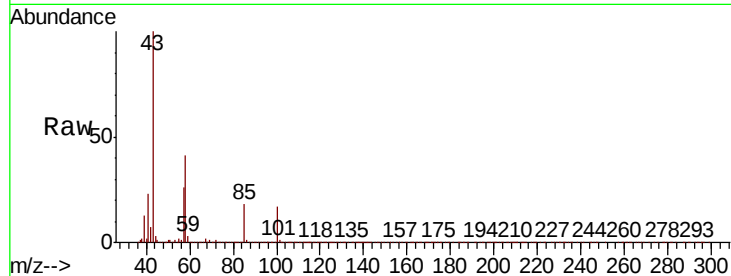
VX1205WBS02

Tot Ion: 43 Resp: 991717

Ion Ratio Lower Upper

43 100

58 39.7 32.1 48.1



#52

Toluene

Concen: 19.325 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013770.D

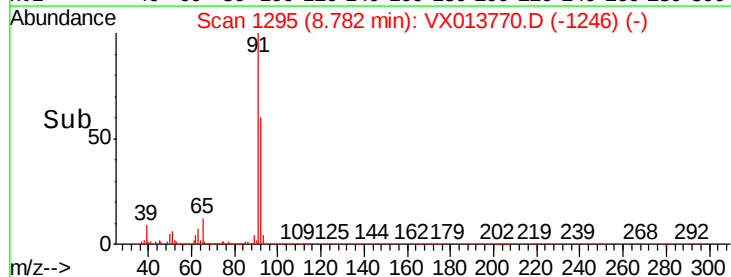
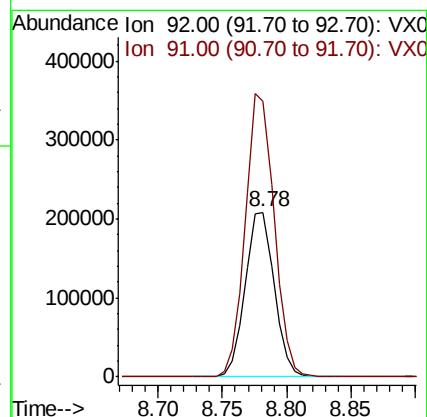
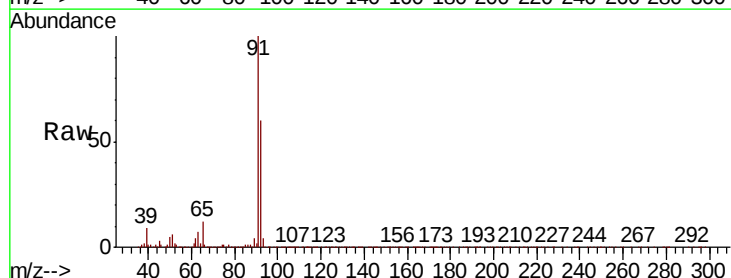
Acq: 05 Dec 2019 12:30

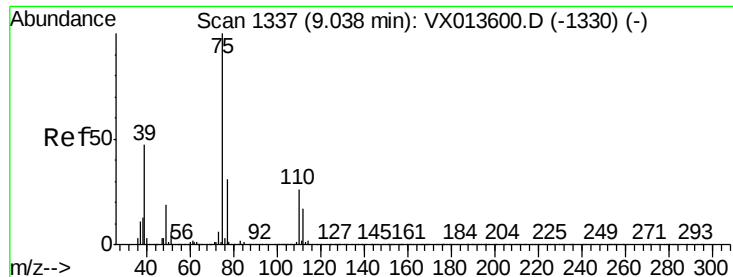
Tgt Ion: 92 Resp: 325269

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.722 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

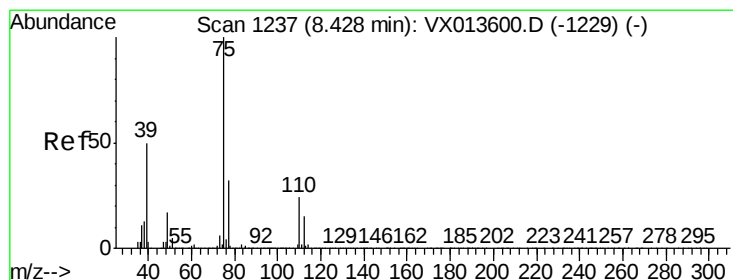
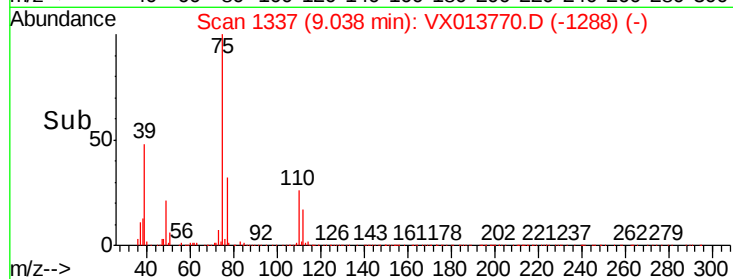
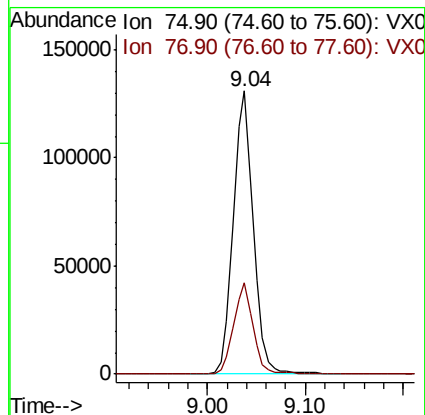
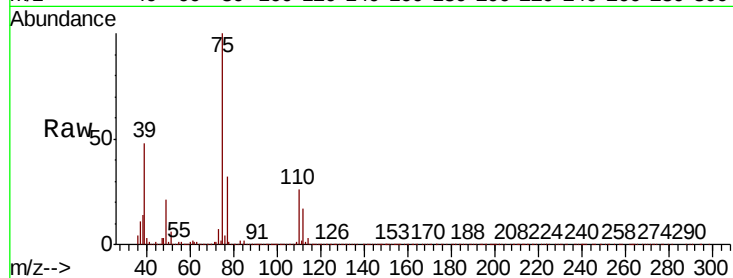
VX1205WBS02

Tot Ion: 75 Resp: 185476

Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.043 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

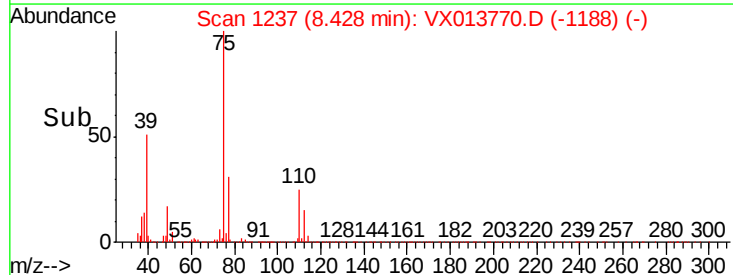
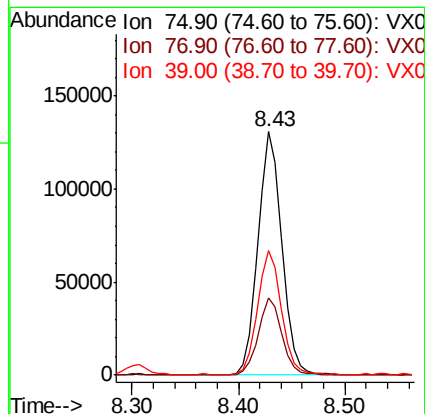
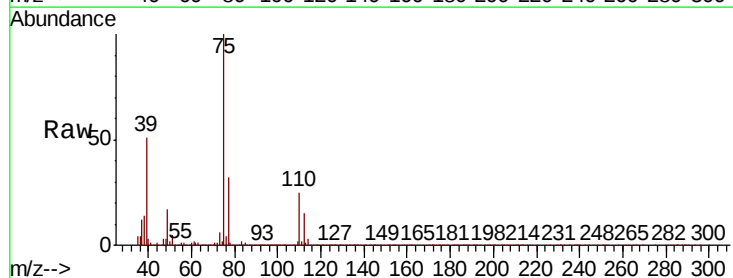
Tgt Ion: 75 Resp: 206111

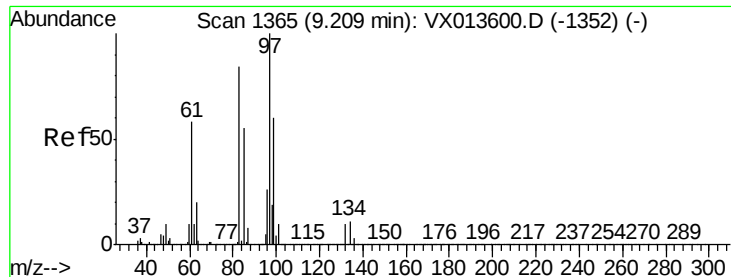
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.900 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 97 Resp: 134979

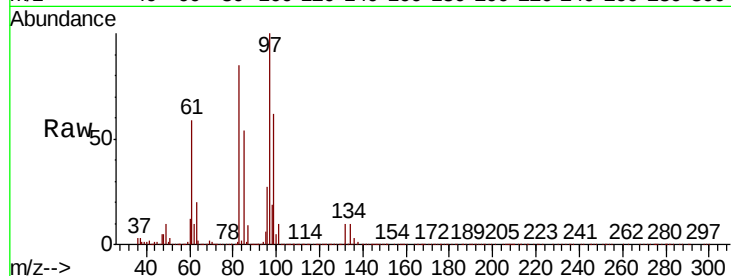
Ion Ratio Lower Upper

97 100

83 84.9 67.3 100.9

85 53.9 43.6 65.4

99 61.8 48.2 72.4



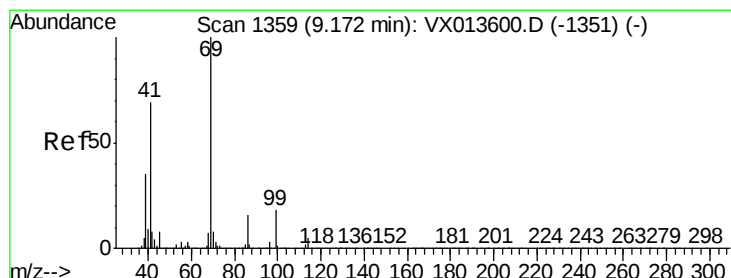
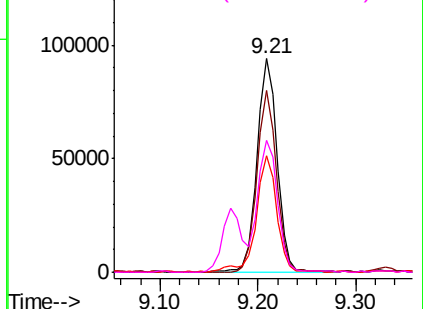
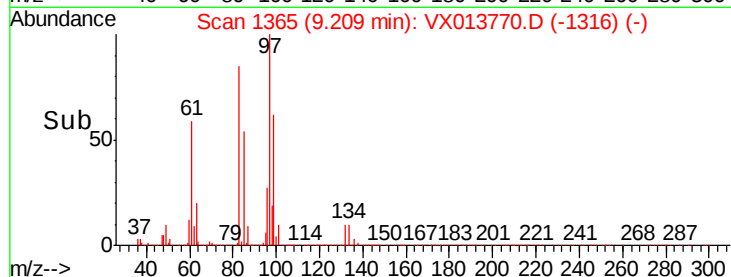
Abundance

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: 19.608 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

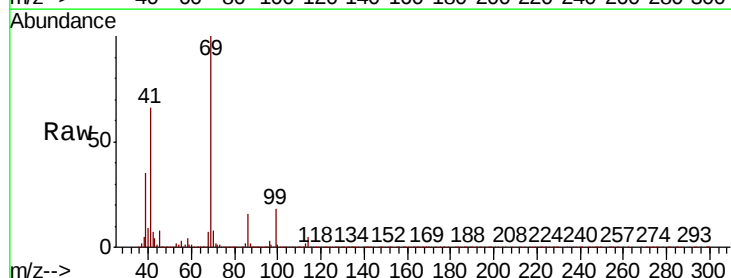
Tgt Ion: 69 Resp: 213821

Ion Ratio Lower Upper

69 100

41 66.0 55.0 82.4

39 35.6 28.7 43.1

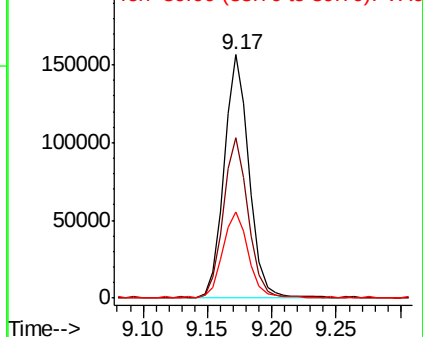
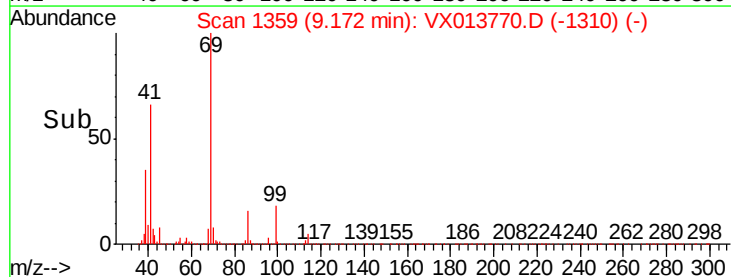


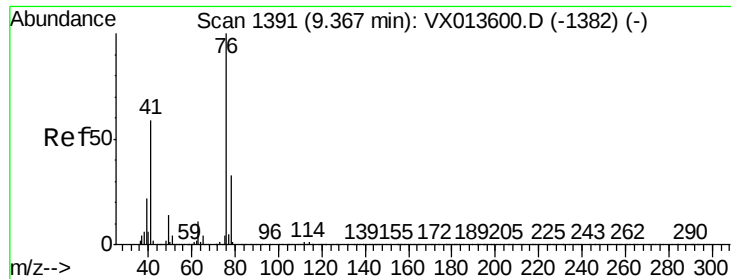
Abundance

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

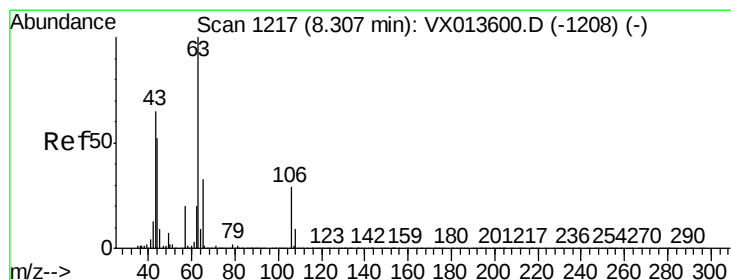
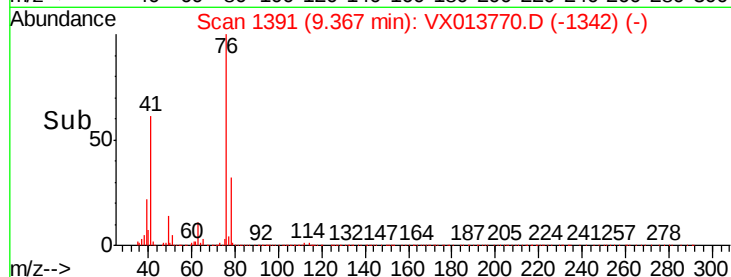
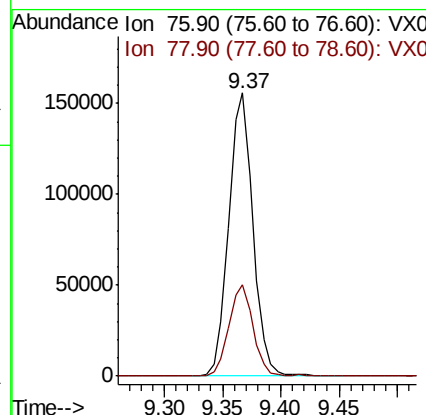
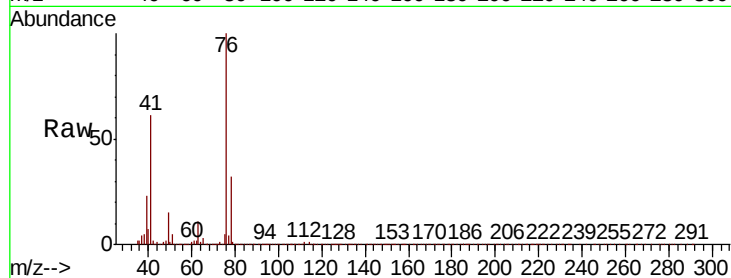




#57
 1,3-Dichloropropane
 Concen: 19.038 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

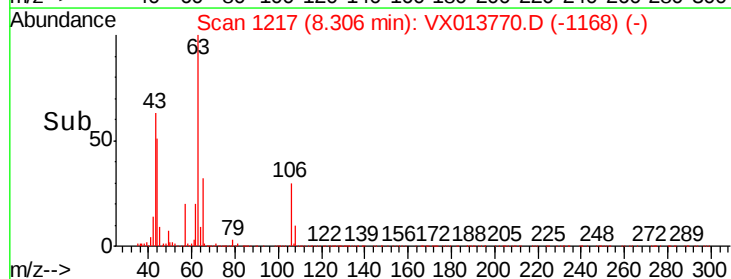
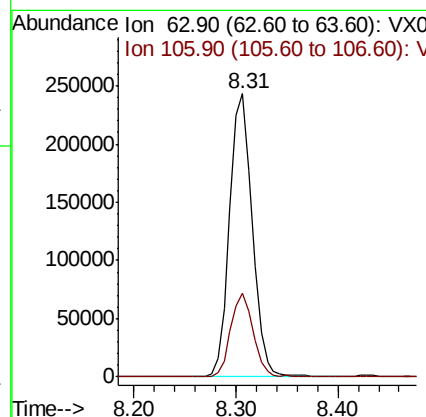
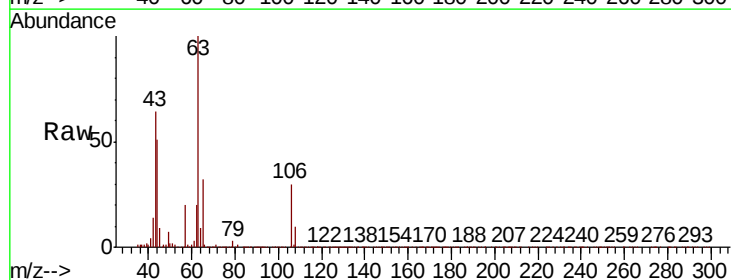
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

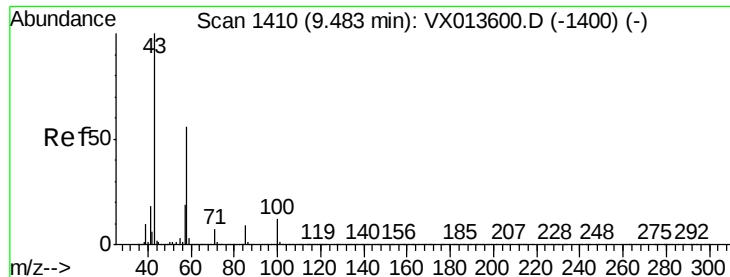
Tot Ion: 76 Resp: 222582
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.892 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion: 63 Resp: 375787
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.4 35.0

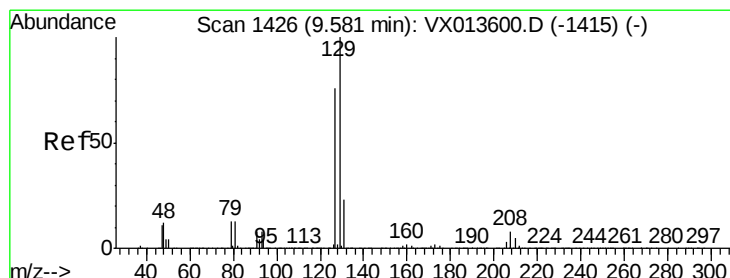
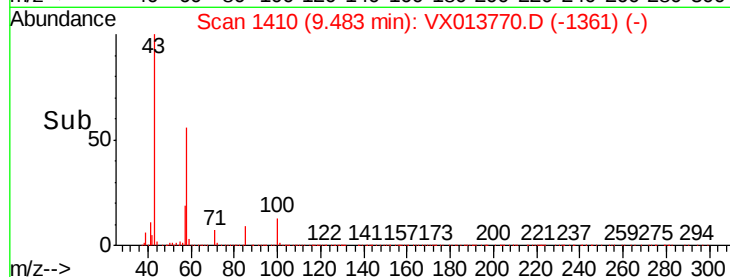
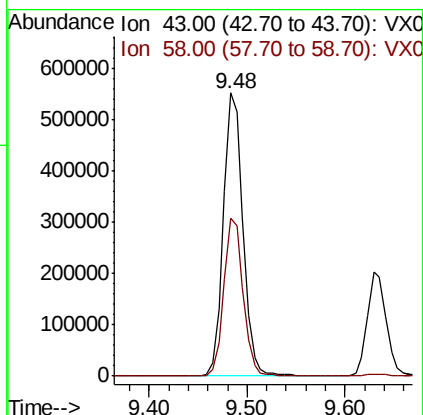
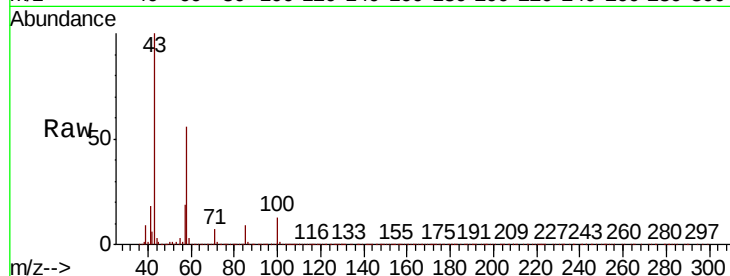




#59
2-Hexanone
Concen: 94.751 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

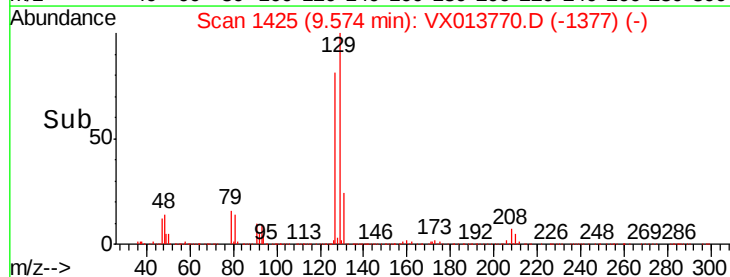
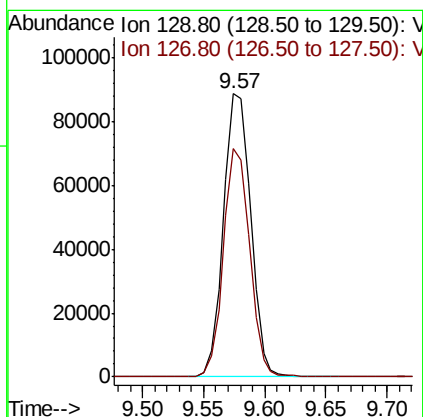
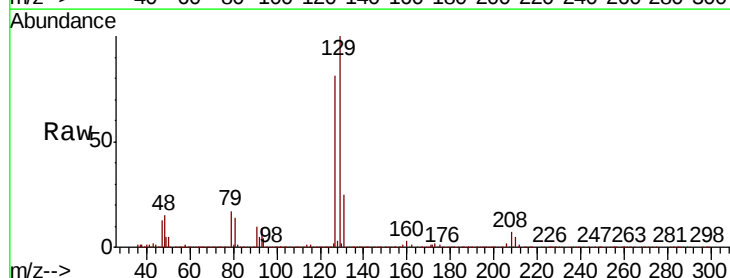
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

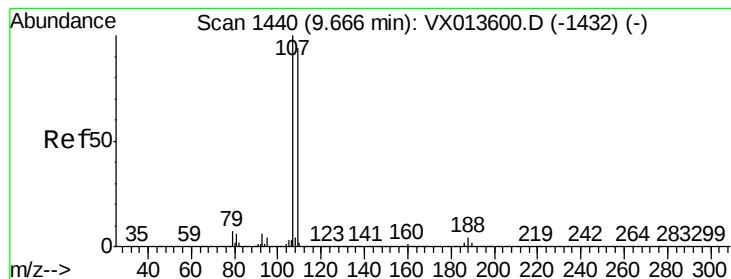
Tot Ion: 43 Resp: 763714
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4



#60
Dibromochloromethane
Concen: 19.394 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 129 Resp: 136520
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.327 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

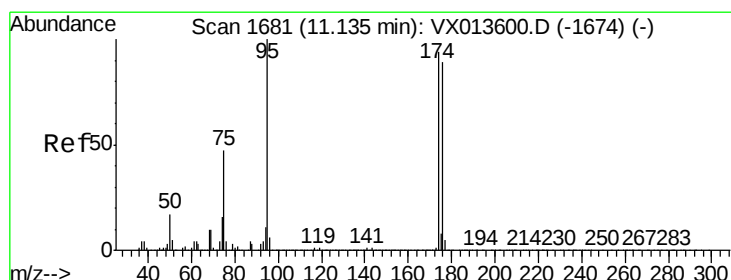
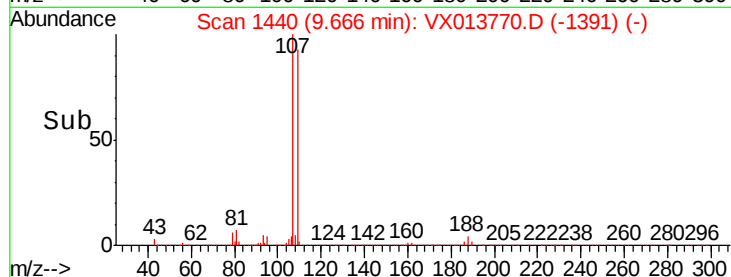
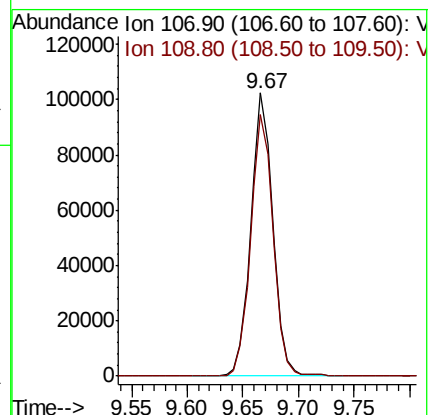
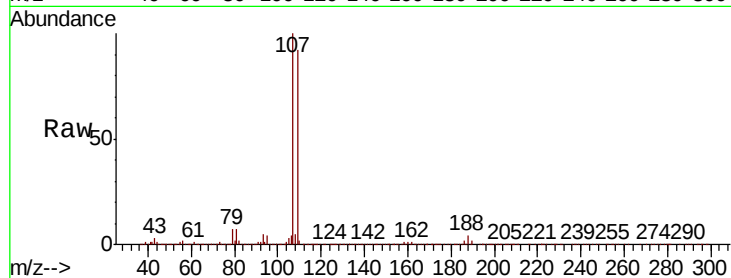
VX1205WBS02

Tot Ion: 107 Resp: 140009

Ion Ratio Lower Upper

107 100

109 94.2 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 44.698 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

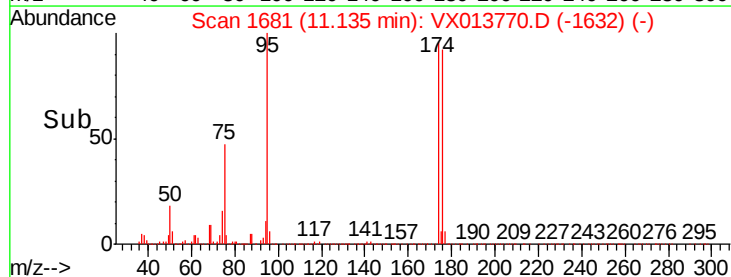
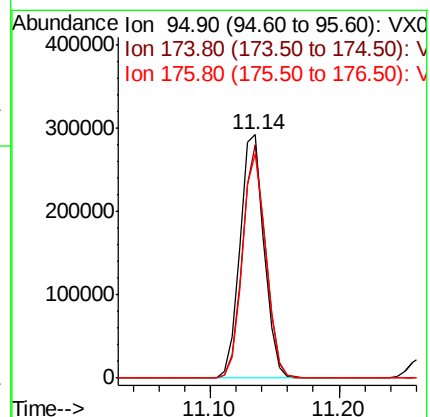
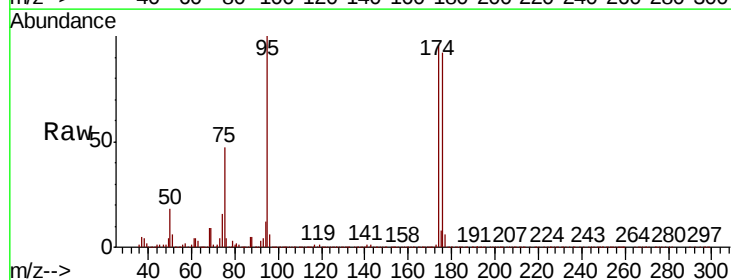
Tgt Ion: 95 Resp: 380451

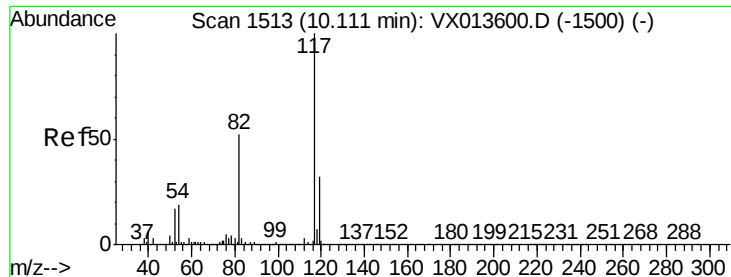
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 89.3 0.0 173.6

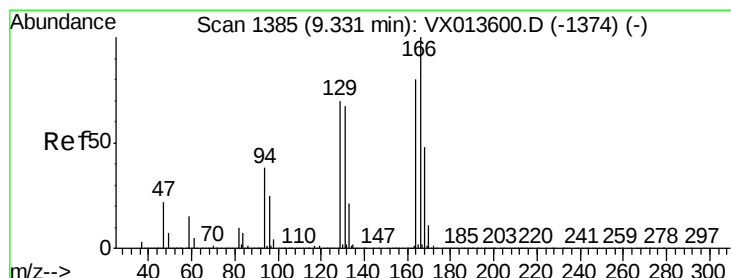
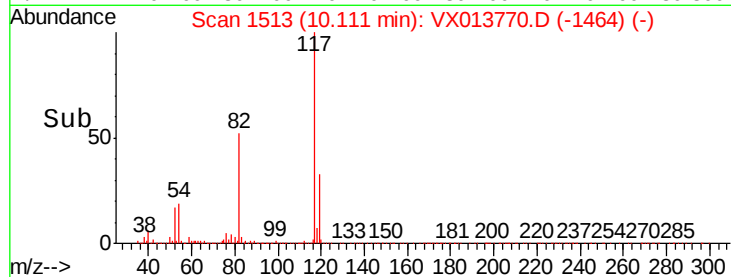
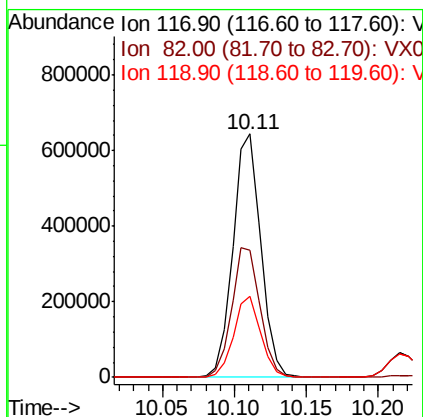
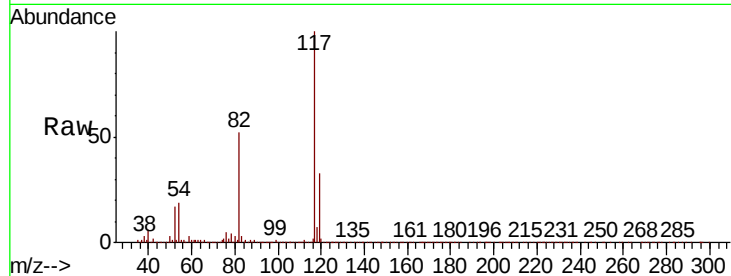




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

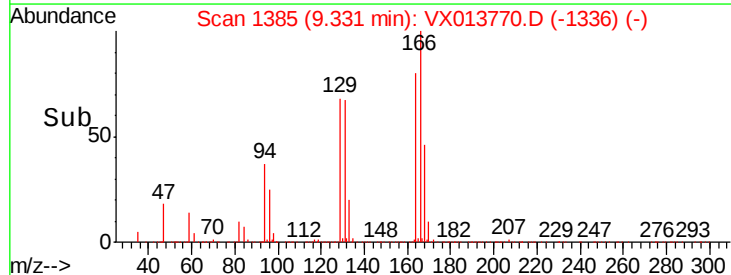
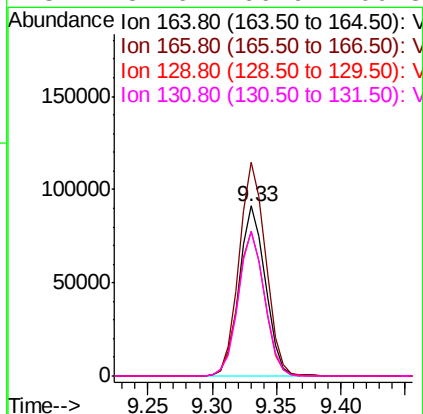
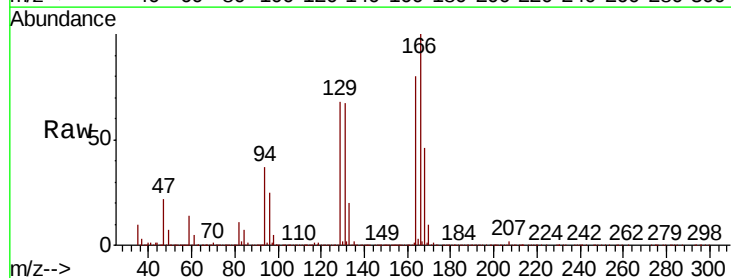
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

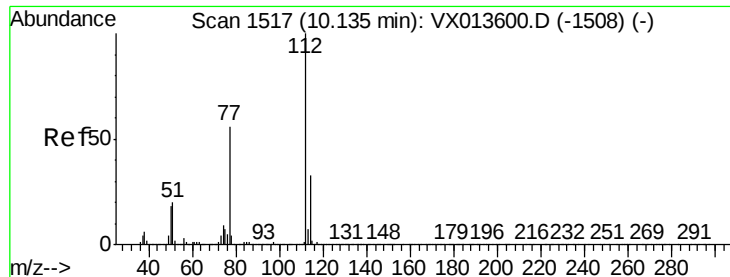
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	33.1	25.8	38.8



#64
Tetrachloroethene
Concen: 19.795 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.7	149.5
129	84.9	70.1	105.1
131	84.6	66.9	100.3





#65

Chlorobenzene

Concen: 19.137 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

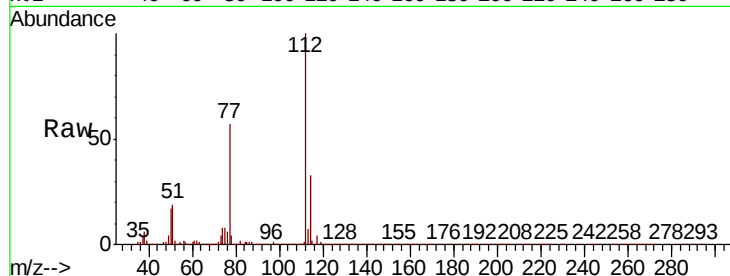
VX1205WBS02

Tot Ion:112 Resp: 346528

Ion Ratio Lower Upper

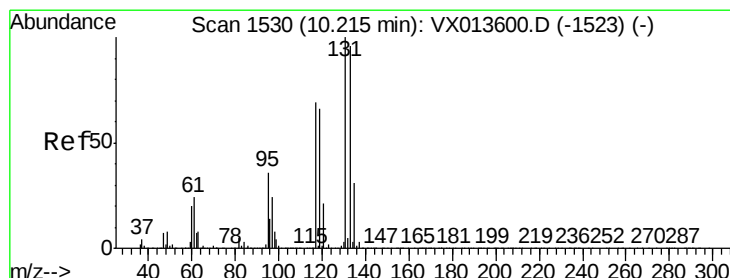
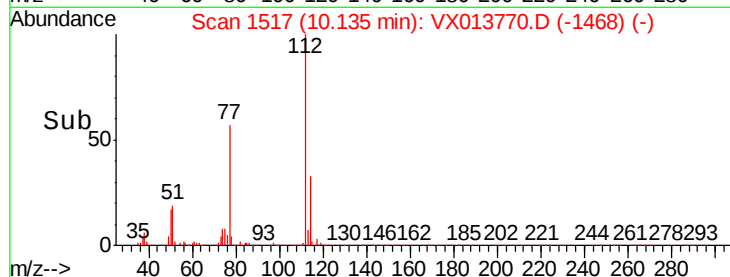
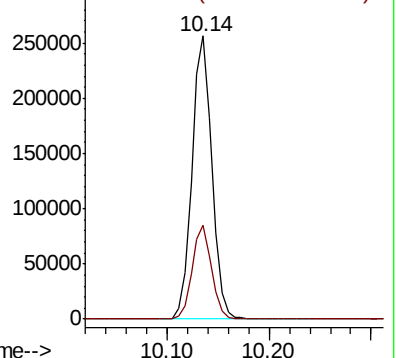
112 100

114 33.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.874 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

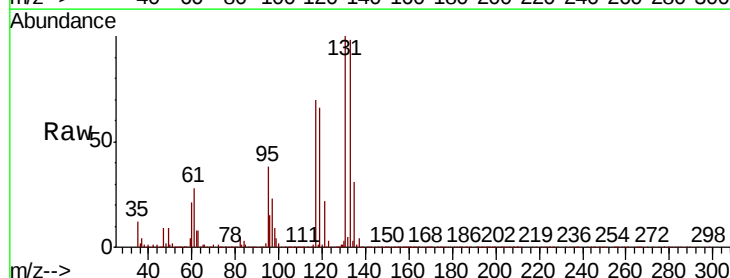
Tgt Ion:131 Resp: 129229

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

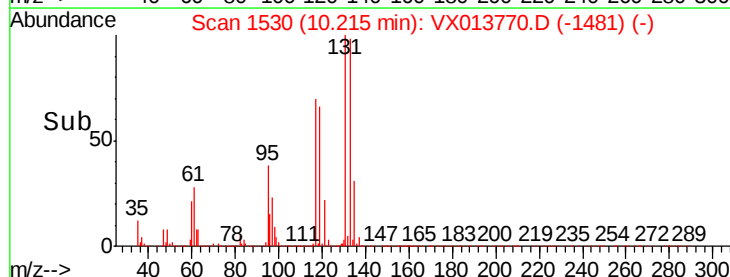
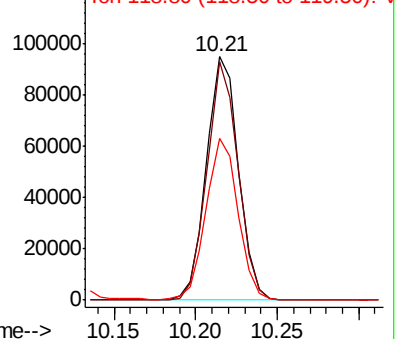
119 66.8 32.9 98.6

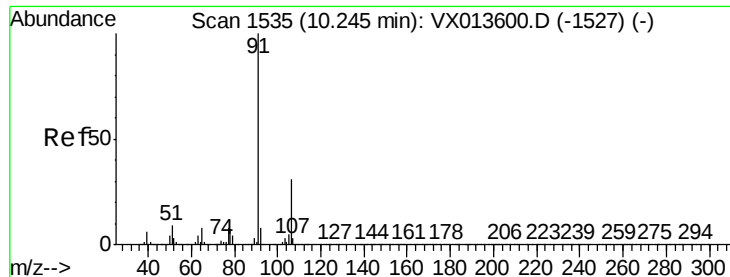


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.571 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

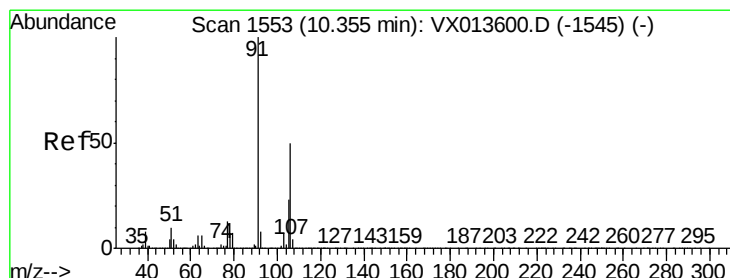
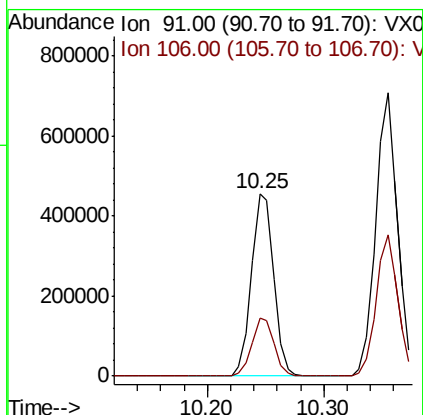
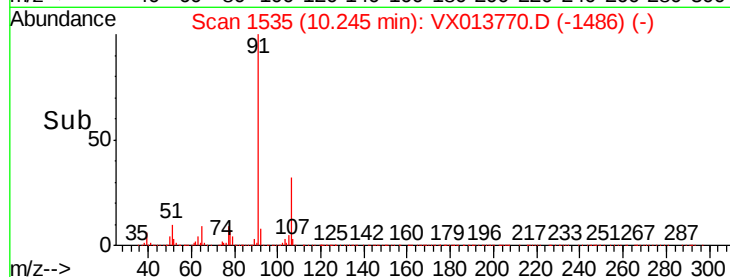
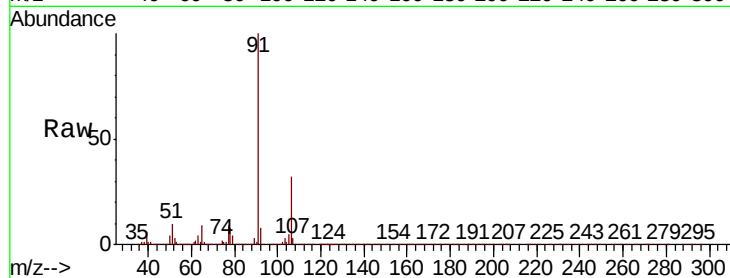
VX1205WBS02

Tot Ion: 91 Resp: 608968

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 38.502 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013770.D

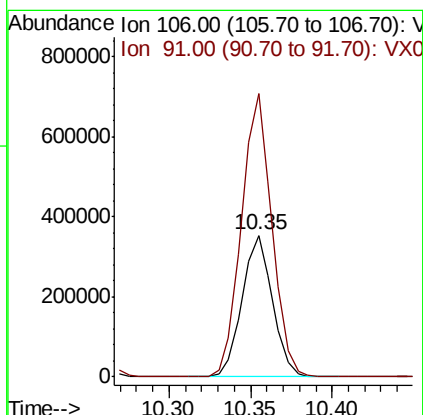
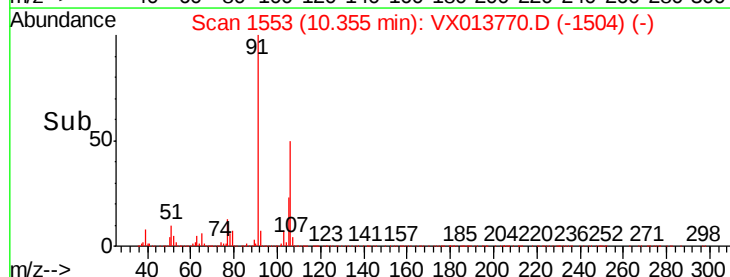
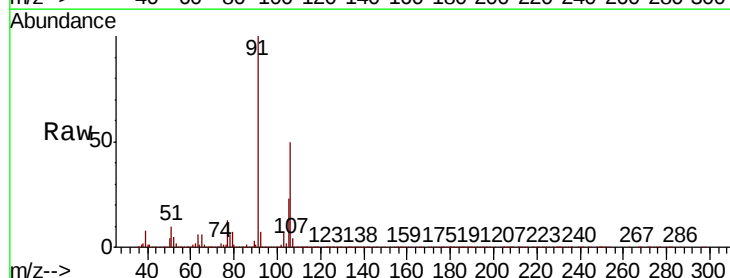
Acq: 05 Dec 2019 12:30

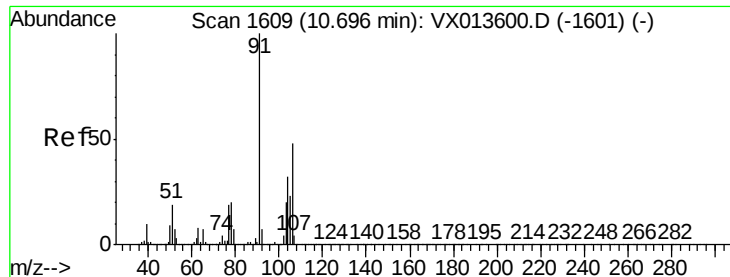
Tgt Ion: 106 Resp: 458684

Ion Ratio Lower Upper

106 100

91 201.1 159.0 238.4

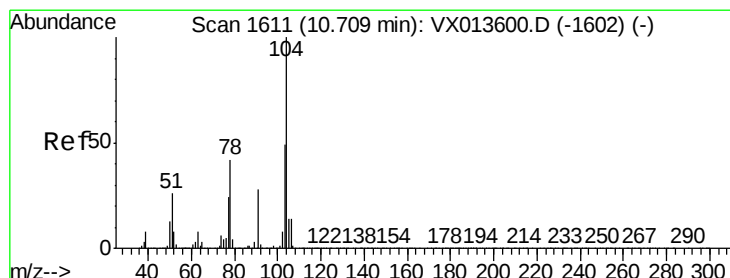
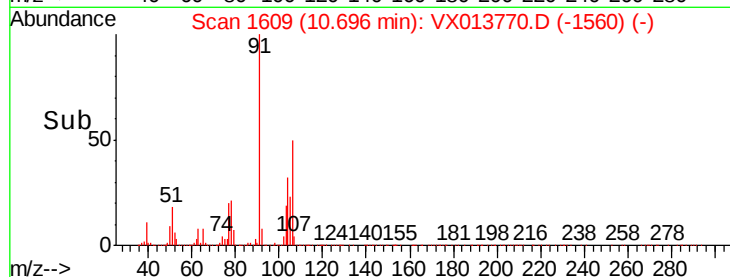
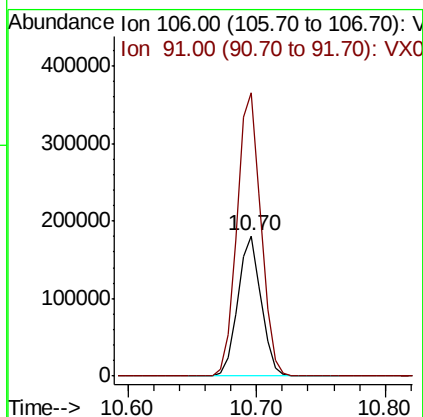
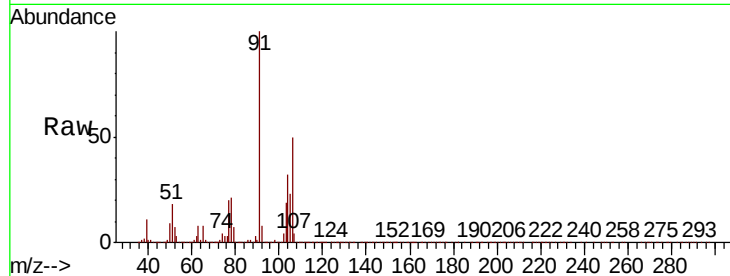




#69
o-Xylene
Concen: 19.479 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

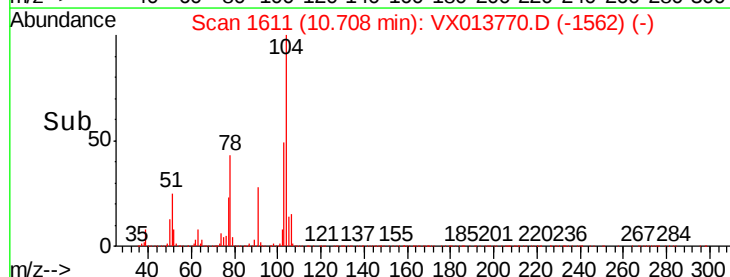
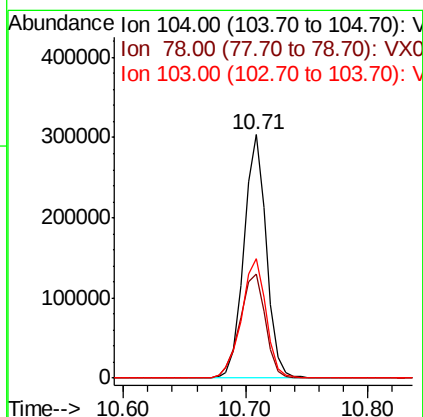
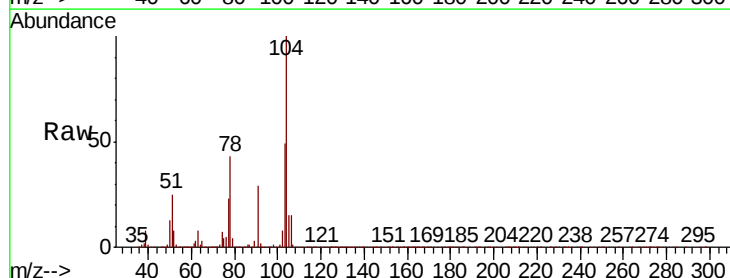
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

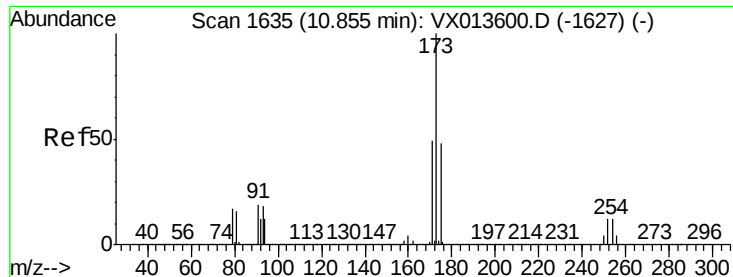
Tot Ion:106 Resp: 226327
Ion Ratio Lower Upper
106 100
91 208.6 104.1 312.2



#70
Styrene
Concen: 19.646 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion:104 Resp: 383979
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 19.592 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

VX1205WBS02

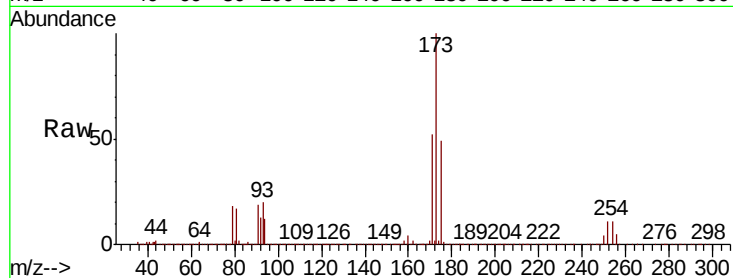
Tot Ion:173 Resp: 105409

Ion Ratio Lower Upper

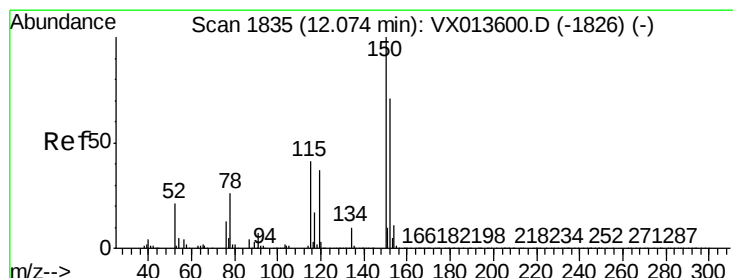
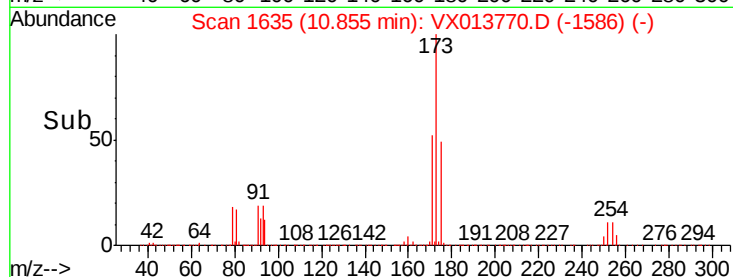
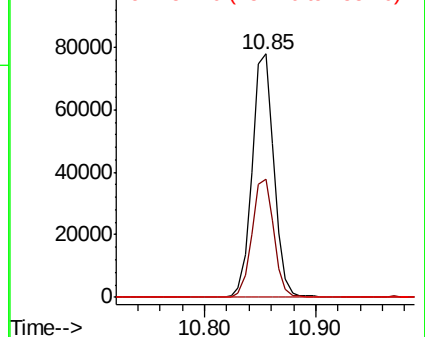
173 100

175 49.1 24.3 72.8

254 0.2 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: VX013770.D

Acq: 05 Dec 2019 12:30

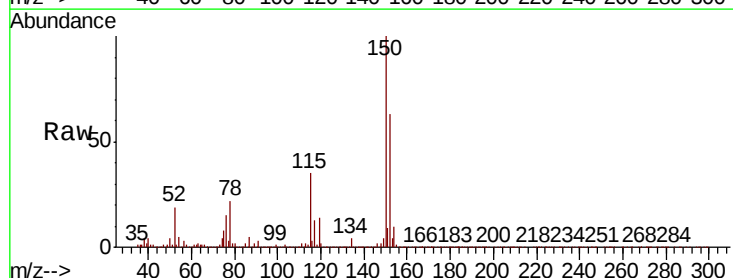
Tgt Ion:152 Resp: 421294

Ion Ratio Lower Upper

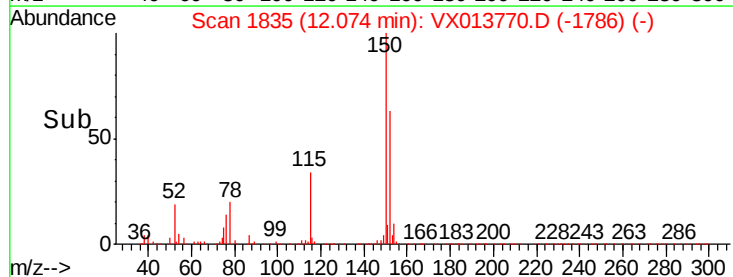
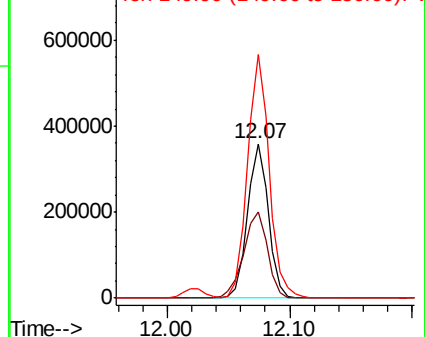
152 100

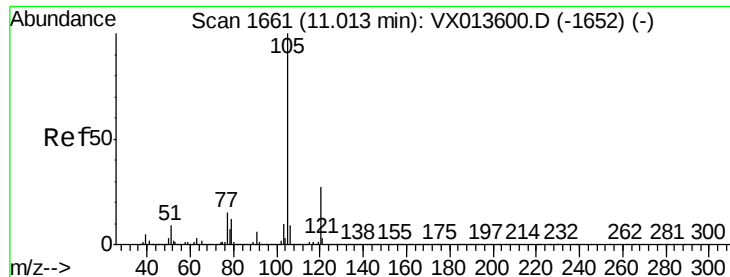
115 63.8 38.4 115.1

150 165.4 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: 20.191 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

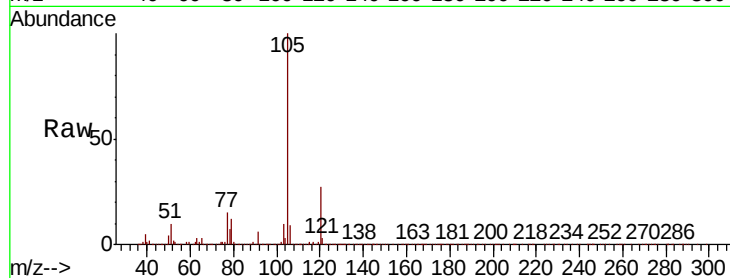
VX1205WBS02

Tot Ion:105 Resp: 596701

Ion Ratio Lower Upper

105 100

120 27.2 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

500000

400000

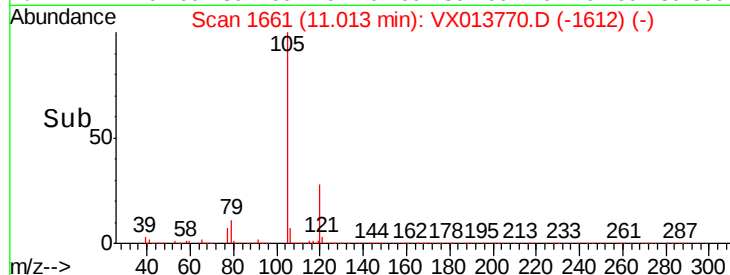
300000

200000

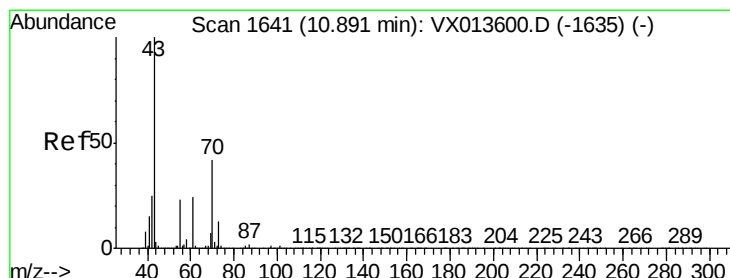
100000

0

Time-->



Time-->



#74

N-ethyl acetate

Concen: 19.701 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion: 43 Resp: 266705

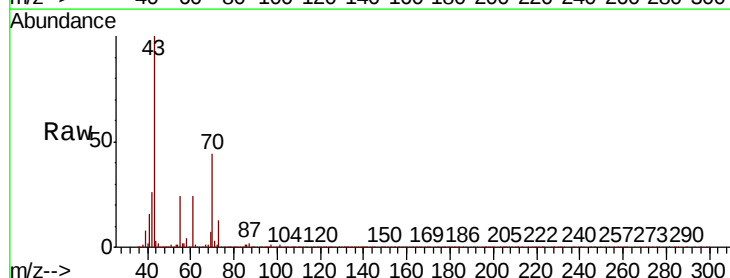
Ion Ratio Lower Upper

43 100

70 44.0 34.3 51.5

55 24.7 18.5 27.7

61 24.9 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

10.89

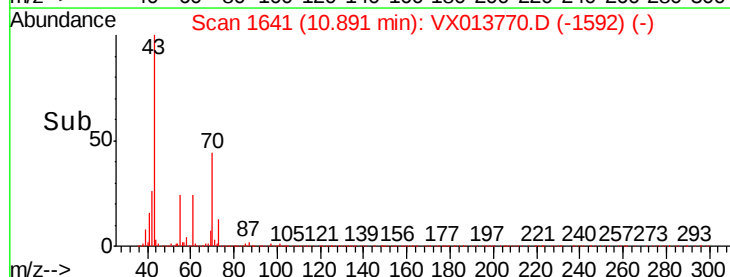
300000

200000

100000

0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 20.179 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

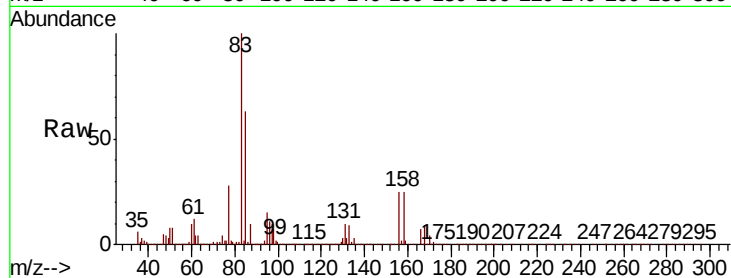
Tot Ion: 83 Resp: 206810

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

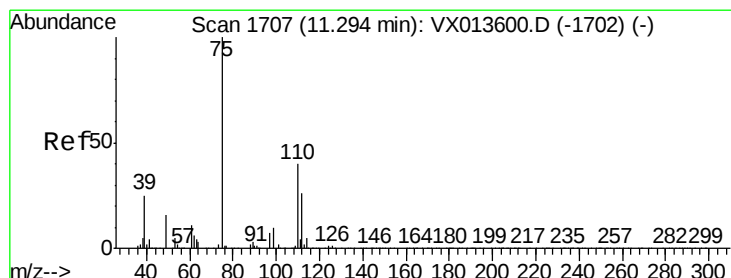
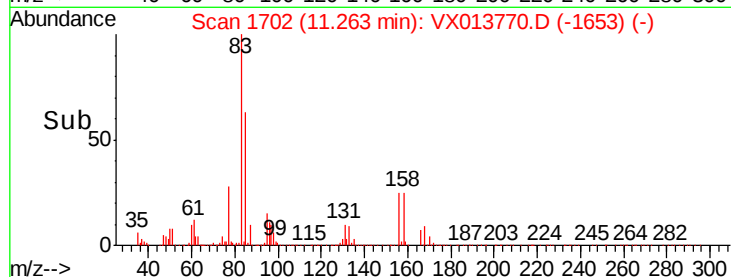
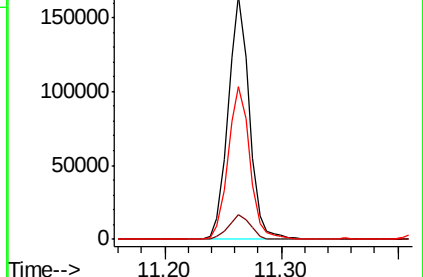
85 64.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.863 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013770.D

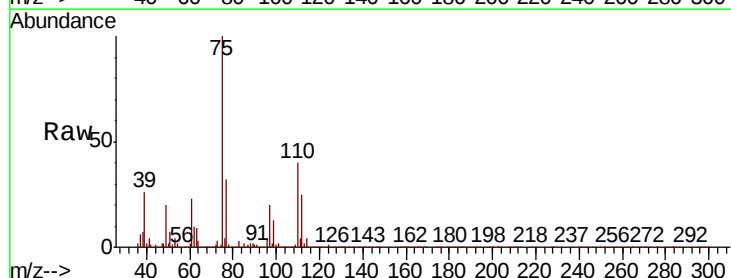
Acq: 05 Dec 2019 12:30

Tgt Ion: 75 Resp: 226117

Ion Ratio Lower Upper

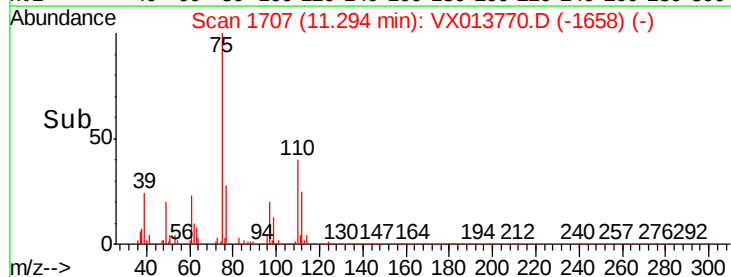
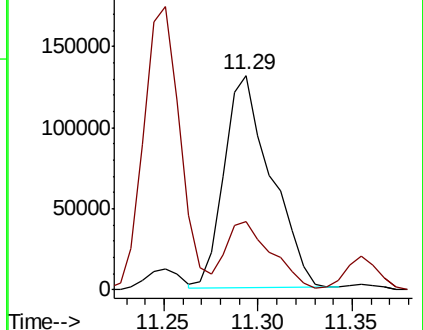
75 100

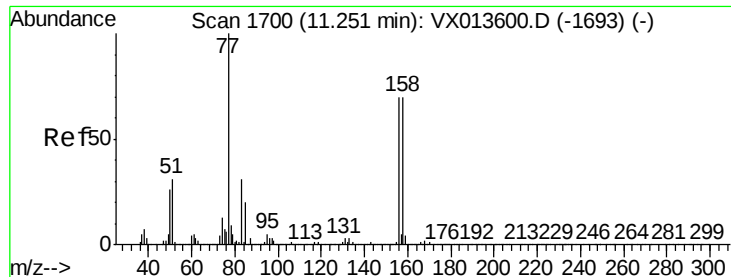
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.944 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

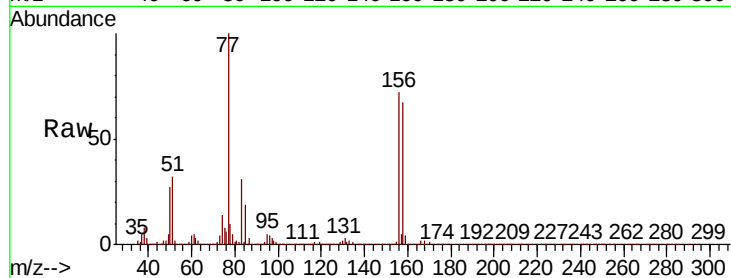
Tot Ion:156 Resp: 159224

Ion Ratio Lower Upper

156 100

77 148.0 74.4 223.1

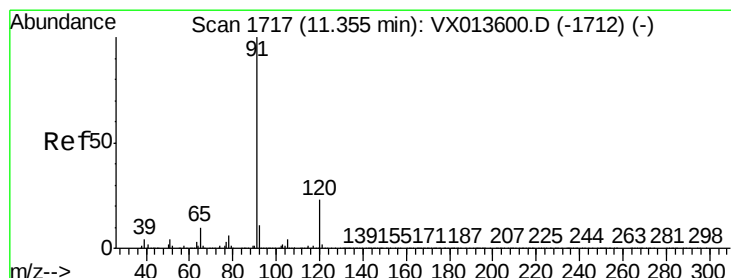
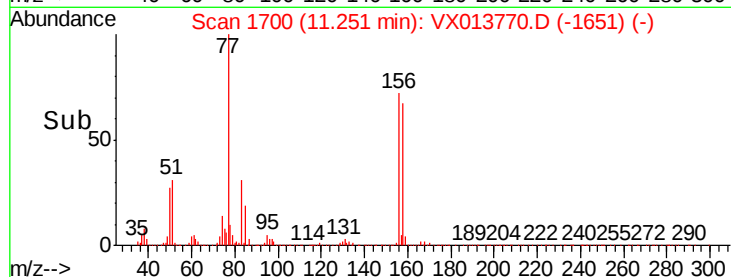
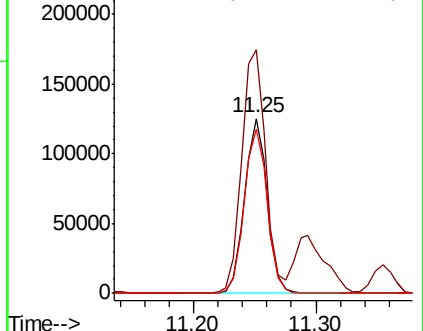
158 96.0 48.9 146.6



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: 20.207 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013770.D

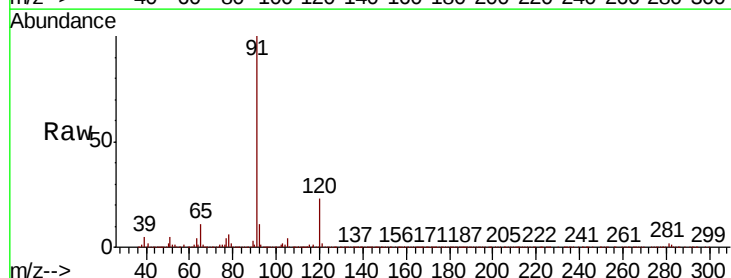
Acq: 05 Dec 2019 12:30

Tgt Ion: 91 Resp: 666623

Ion Ratio Lower Upper

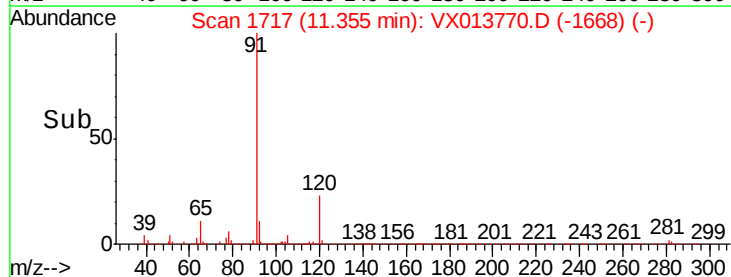
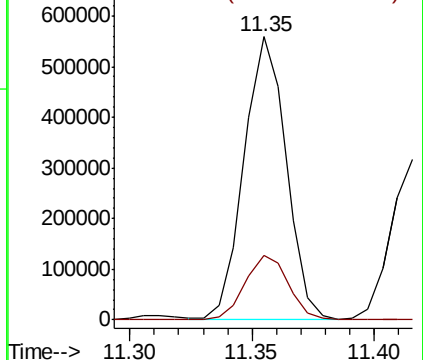
91 100

120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

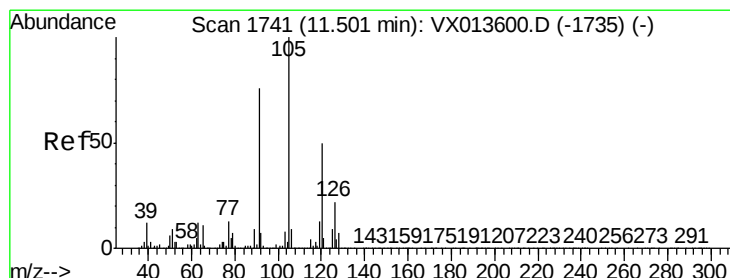
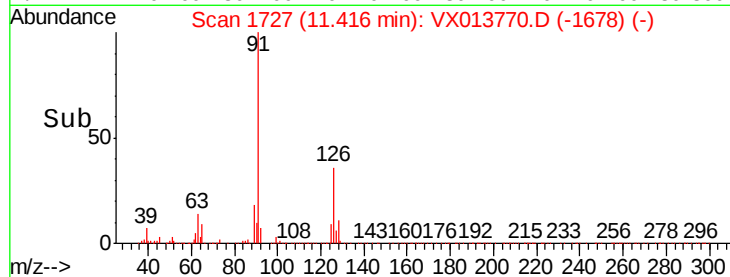
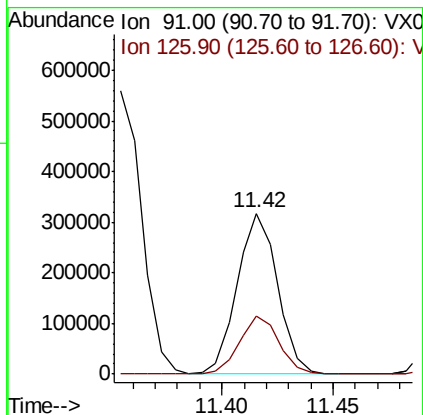
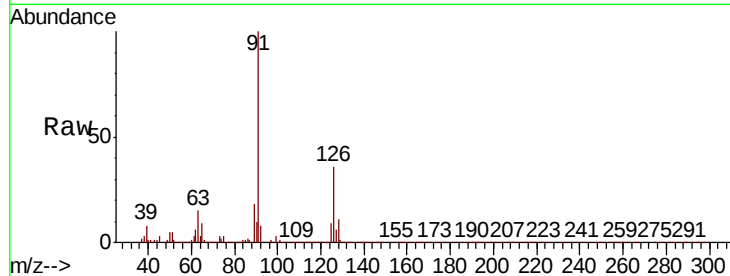




#79
 2-Chlorotoluene
 Concen: 20.146 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

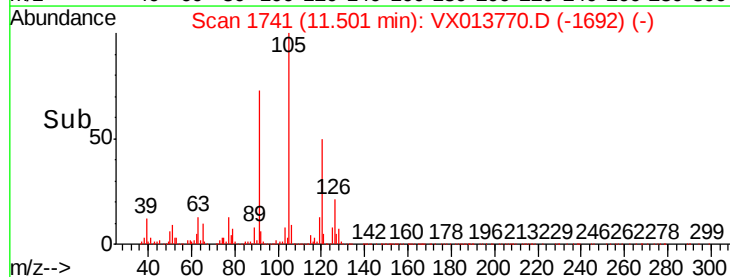
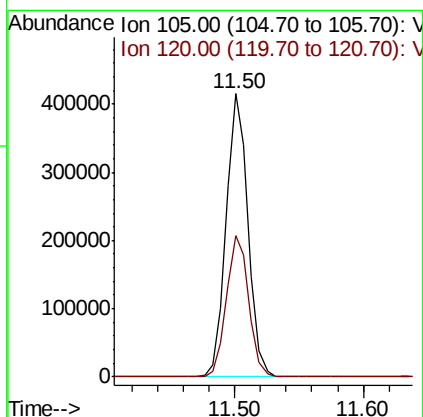
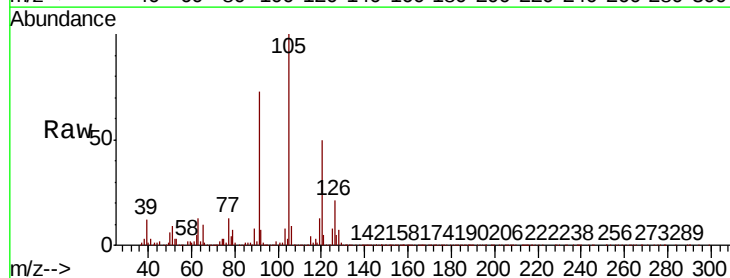
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

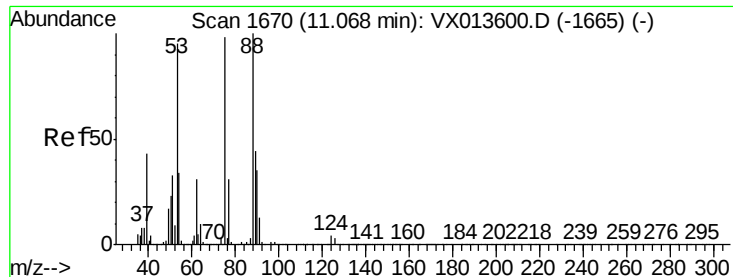
Tot Ion: 91 Resp: 398675
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.416 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion: 105 Resp: 494487
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.544 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

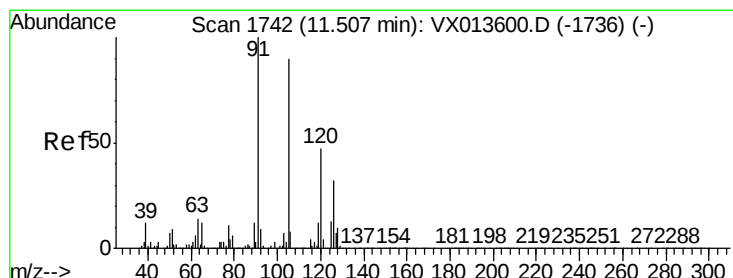
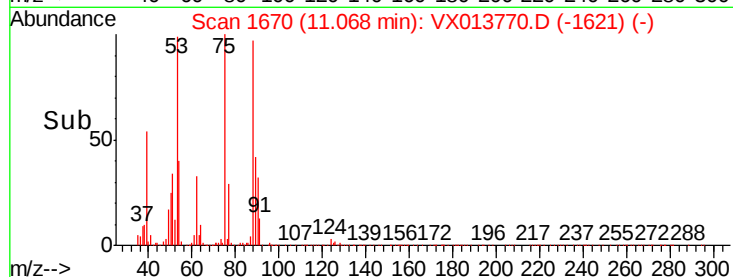
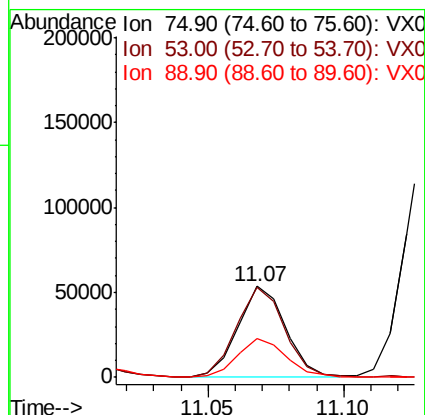
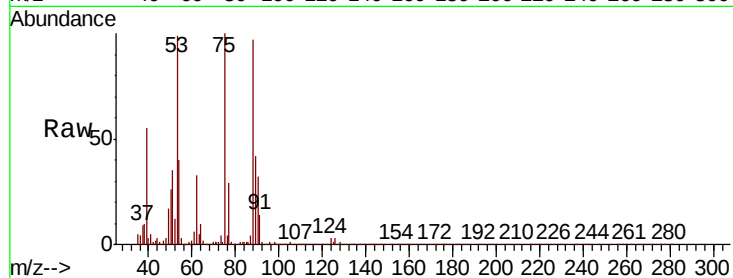
Tot Ion: 75 Resp: 64227

Ion Ratio Lower Upper

75 100

53 100.3 78.2 117.2

89 44.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.830 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013770.D

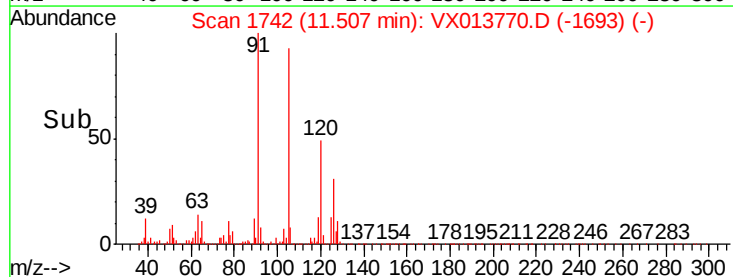
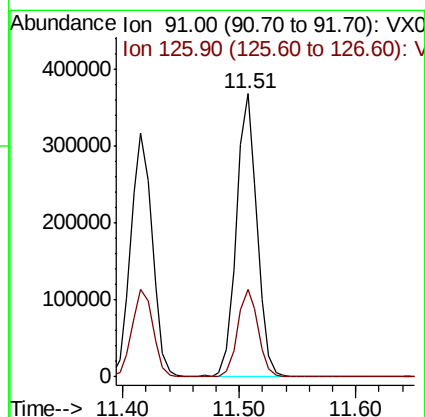
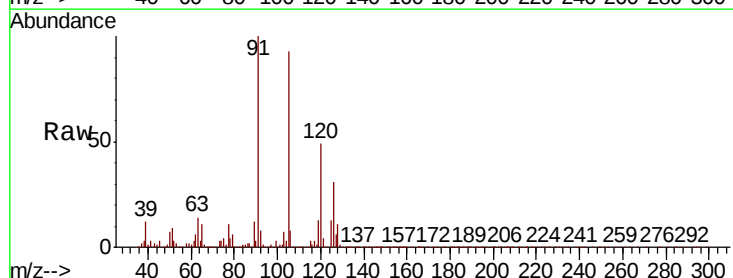
Acq: 05 Dec 2019 12:30

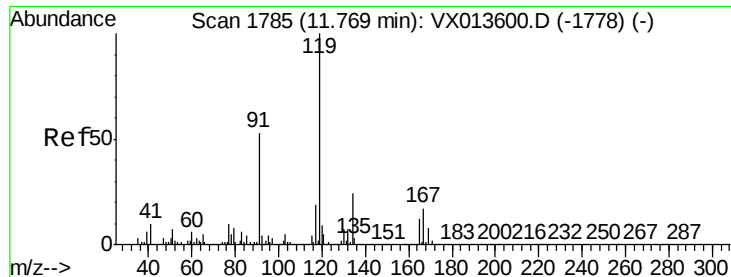
Tgt Ion: 91 Resp: 454504

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 20.471 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

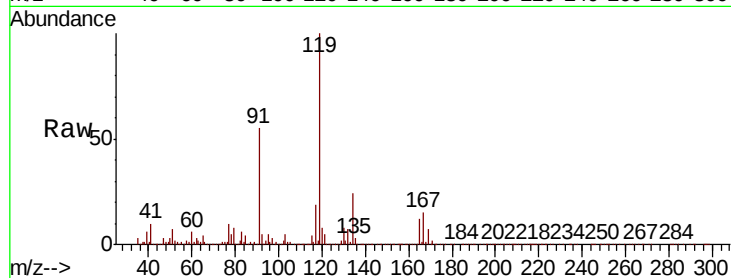
Tot Ion:119 Resp: 503892

Ion Ratio Lower Upper

119 100

91 54.0 27.2 81.6

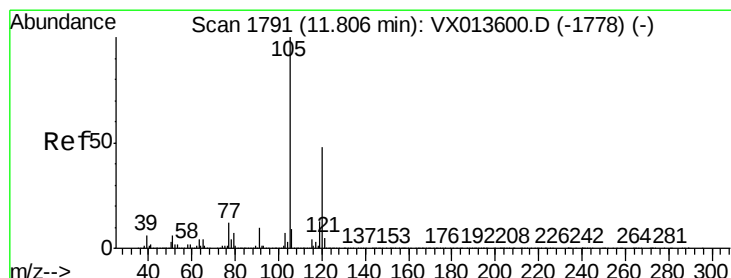
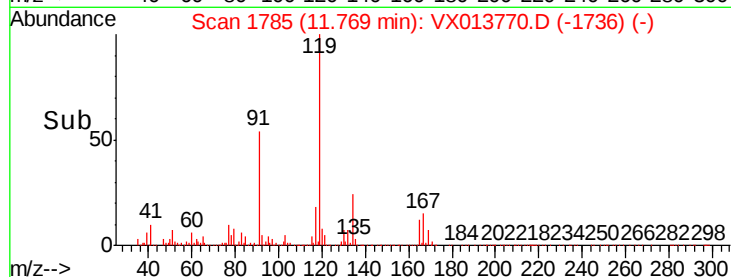
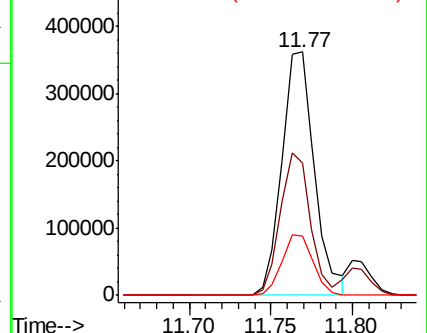
134 24.0 11.7 35.1



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: 20.235 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013770.D

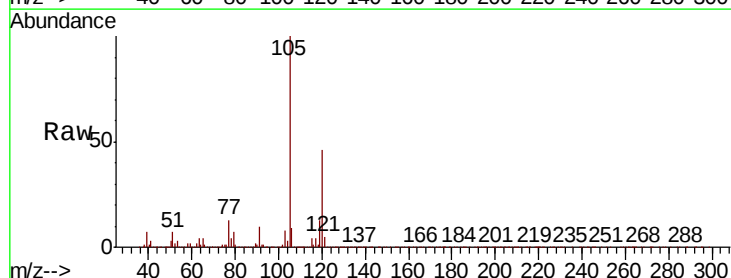
Acq: 05 Dec 2019 12:30

Tgt Ion:105 Resp: 497405

Ion Ratio Lower Upper

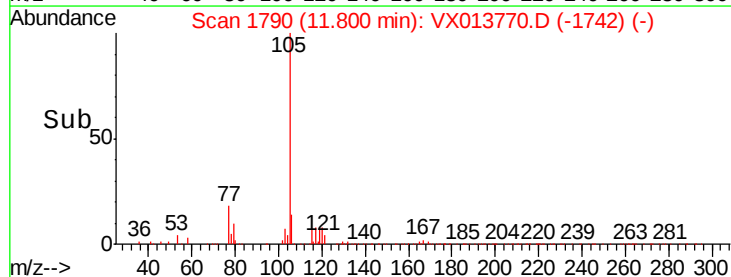
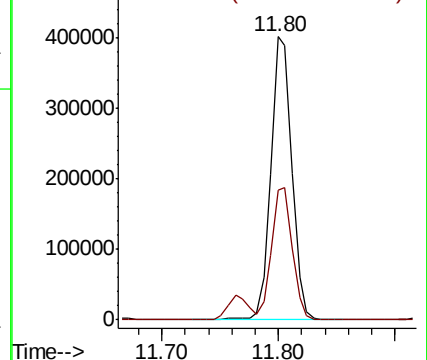
105 100

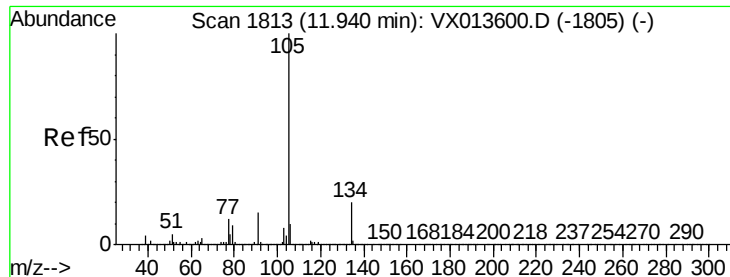
120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

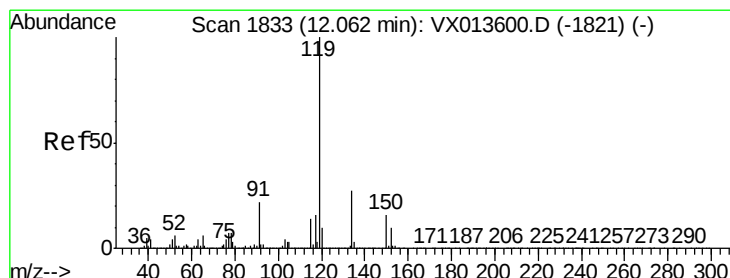
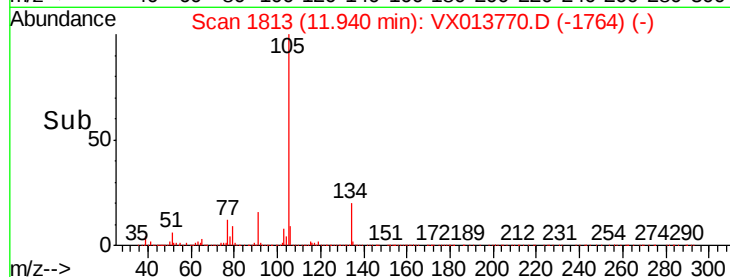
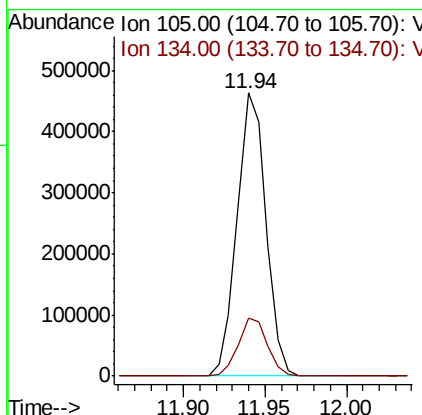
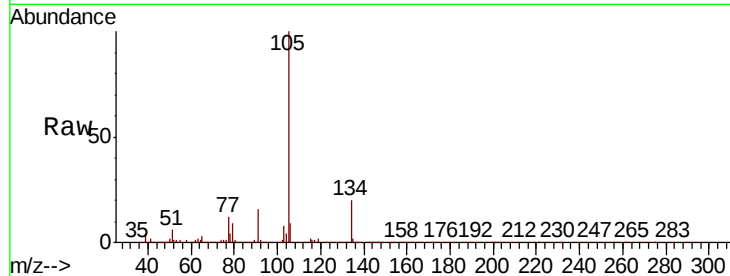




#85
 sec-Butylbenzene
 Concen: 20.343 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

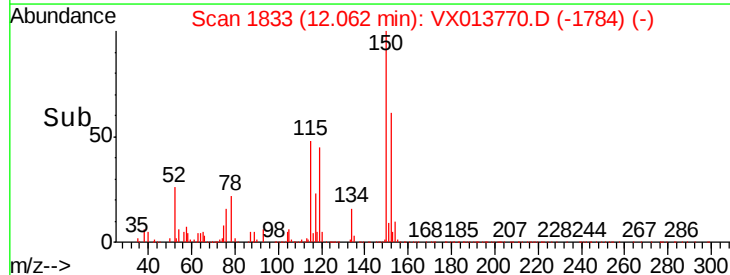
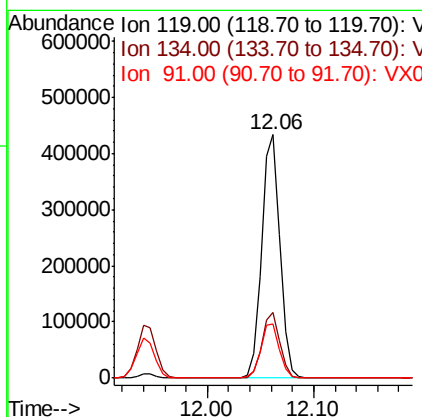
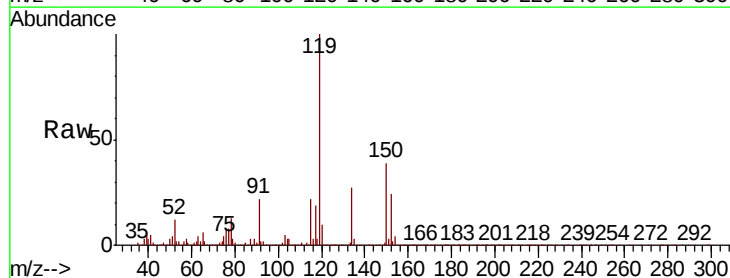
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

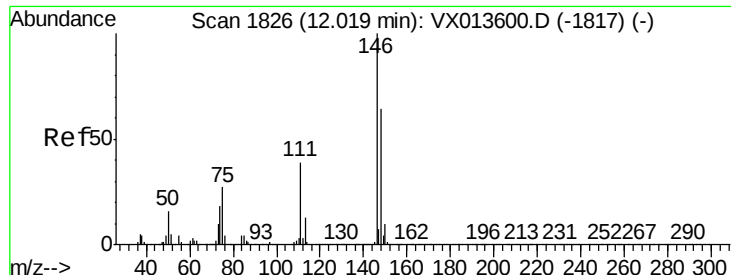
Tot Ion:105 Resp: 571957
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.914 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion:119 Resp: 520878
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.5 11.3 33.8

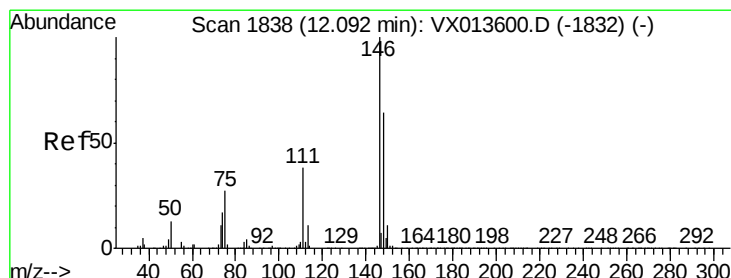
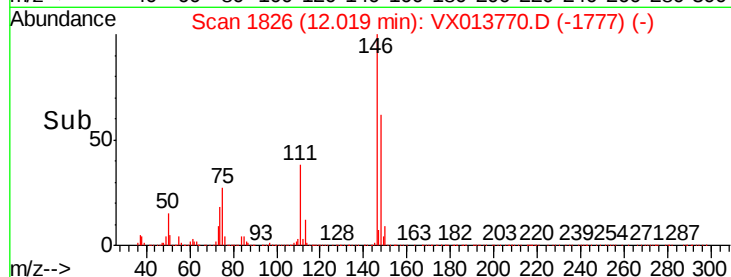
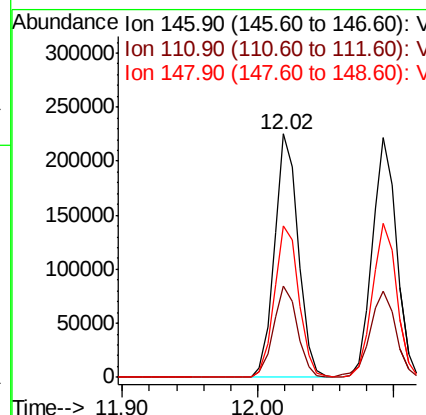
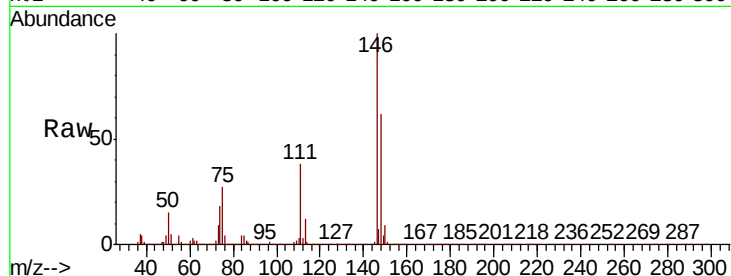




#87
 1,3-Dichlorobenzene
 Concen: 19.746 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

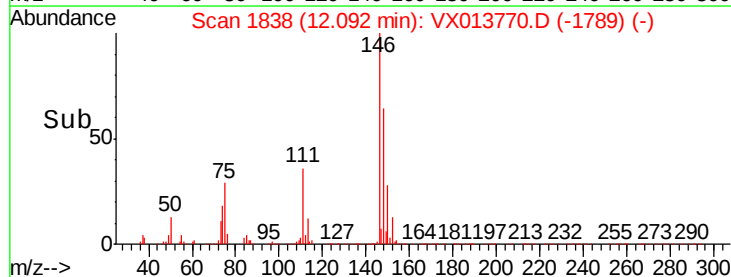
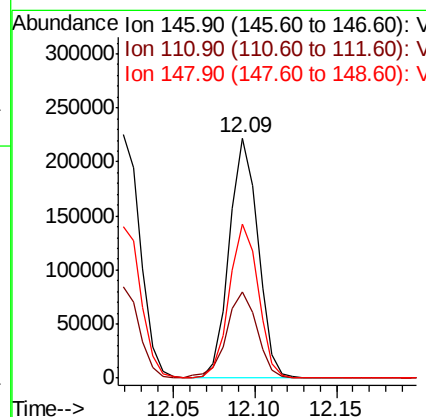
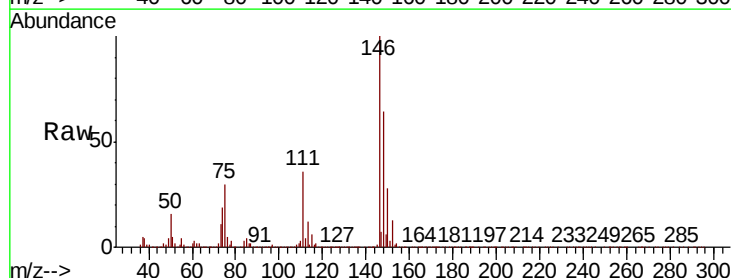
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

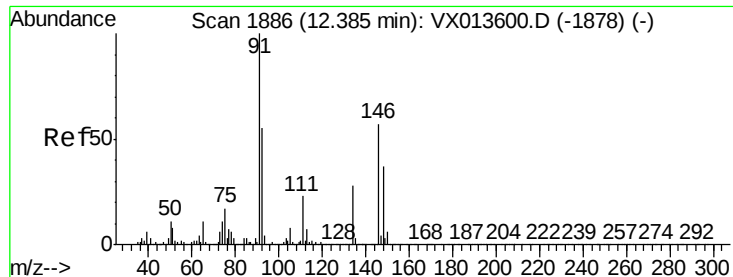
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.223 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.7	31.9	95.5





#89

n-Butylbenzene

Concen: 19.436 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

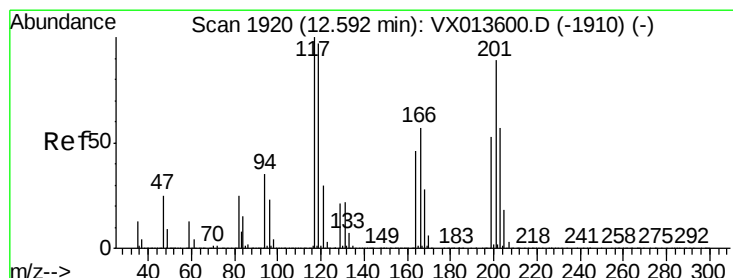
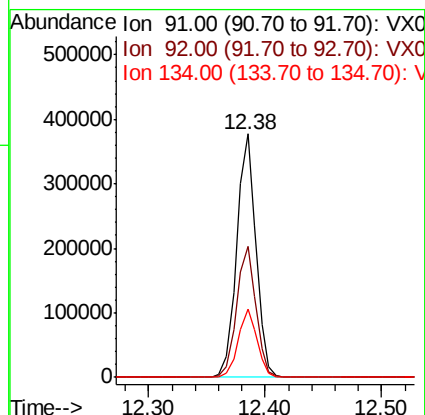
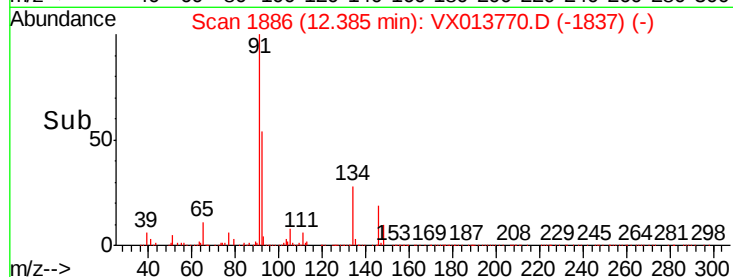
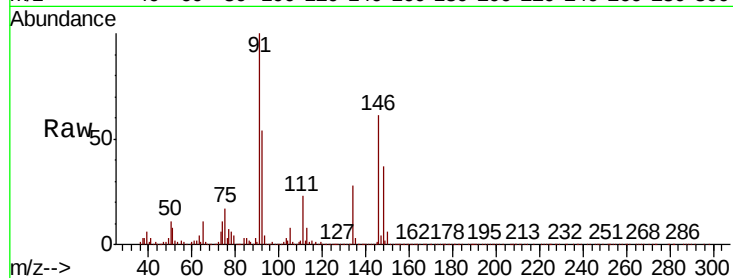
Tot Ion: 91 Resp: 433596

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.2

134 27.5 13.5 40.4



#90

Hexachloroethane

Concen: 19.369 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013770.D

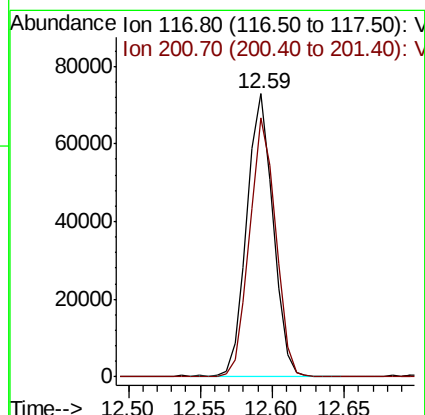
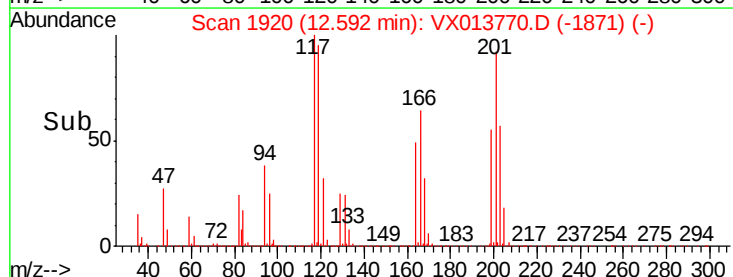
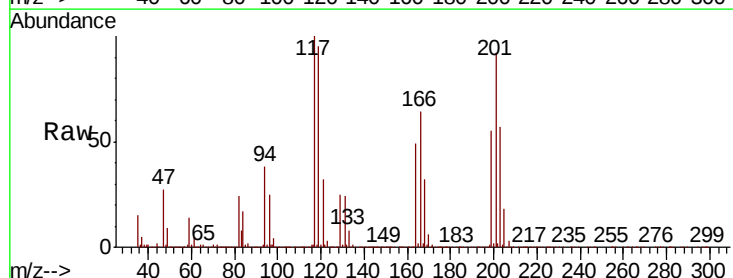
Acq: 05 Dec 2019 12:30

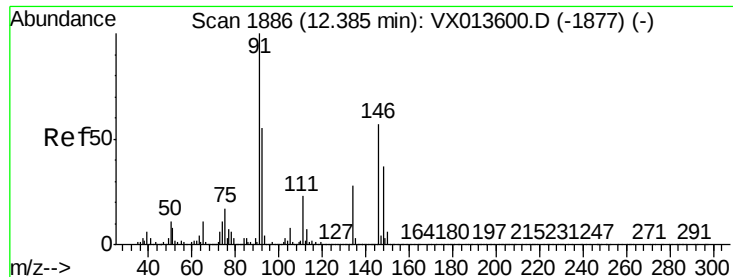
Tgt Ion: 117 Resp: 91573

Ion Ratio Lower Upper

117 100

201 91.0 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 20.121 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

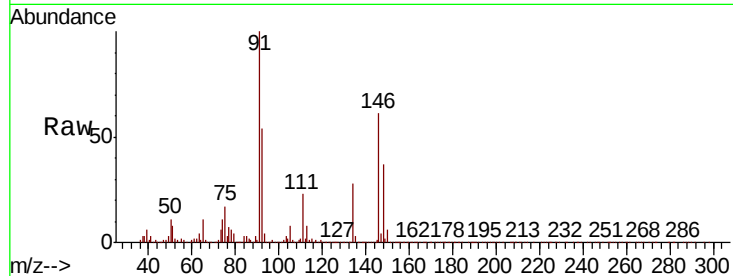
Tot Ion:146 Resp: 276674

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

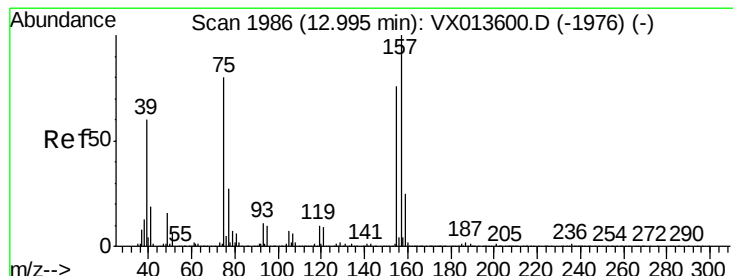
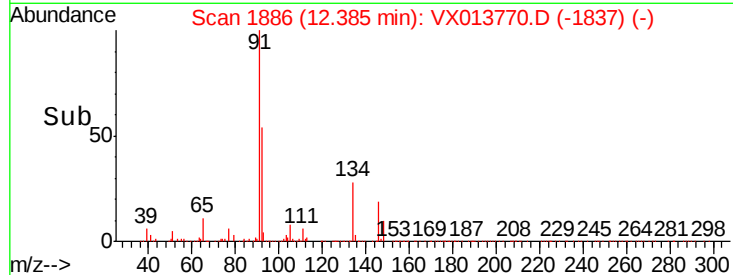
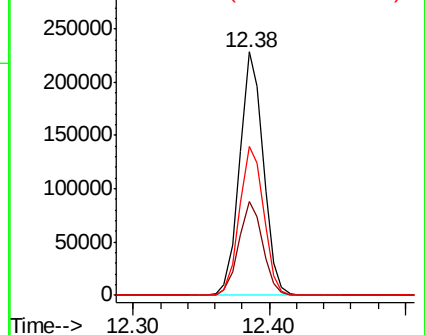
148 63.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.362 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

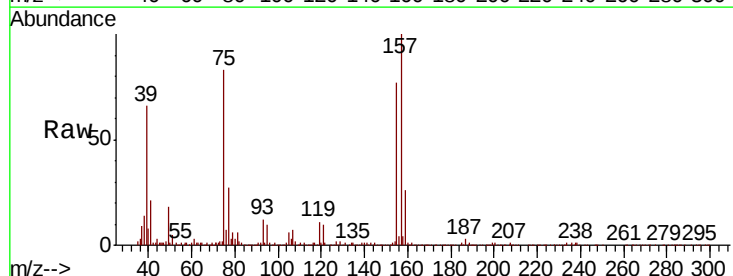
Tgt Ion: 75 Resp: 43211

Ion Ratio Lower Upper

75 100

155 95.3 47.6 142.8

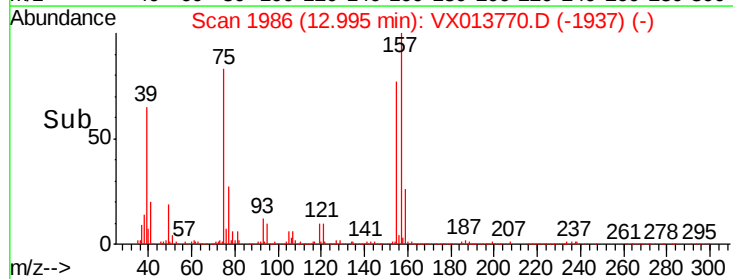
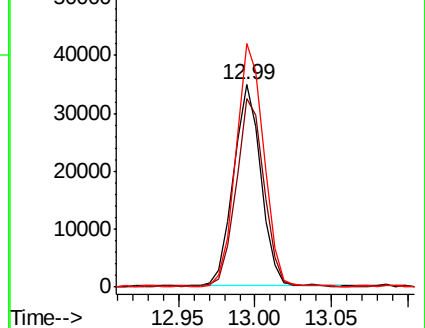
157 122.9 62.1 186.2

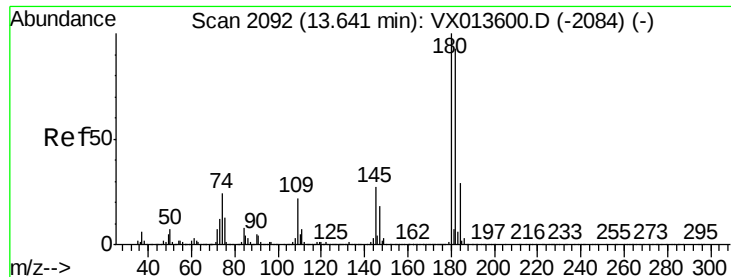


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

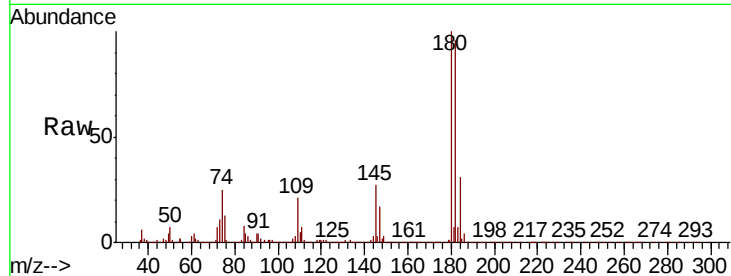




#93
 1,2,4-Trichlorobenzene
 Concen: 18.838 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	27.6	13.8	41.4

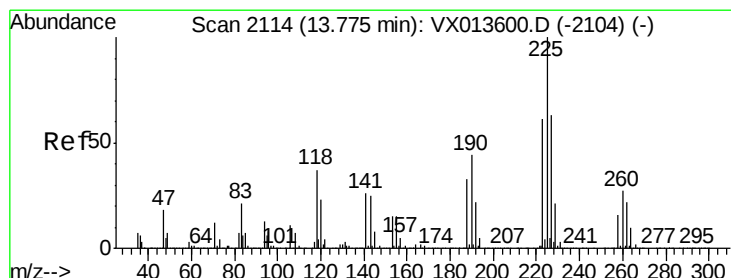
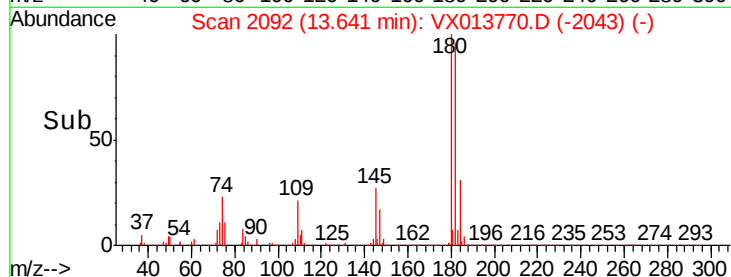
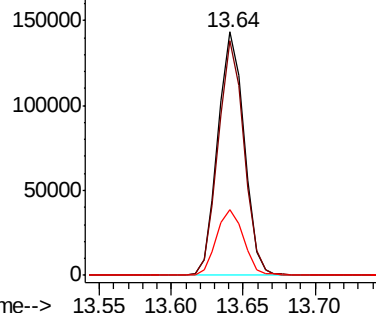


Abundance

Ion 179.80 (179.50 to 180.50): V

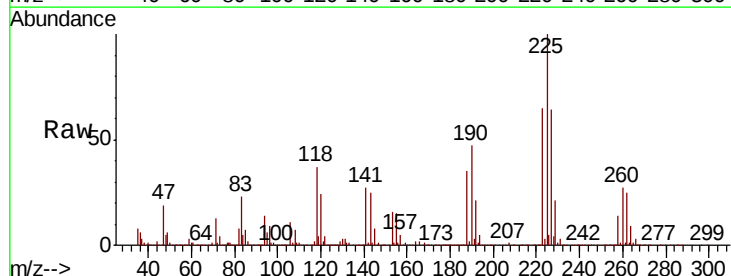
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.957 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.5
227	66.0	32.1	96.3

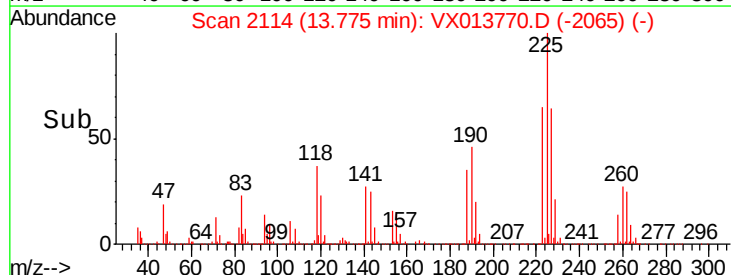
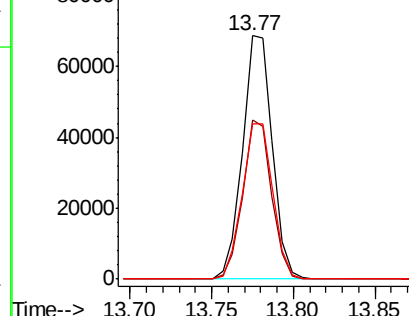


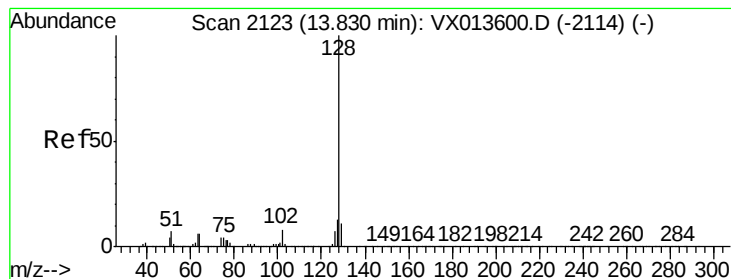
Abundance

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: 19.950 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

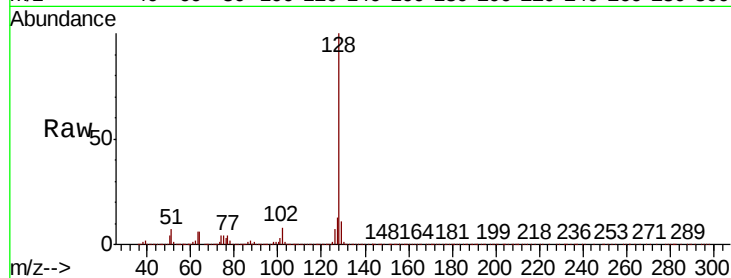
Tot Ion:128 Resp: 569344

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

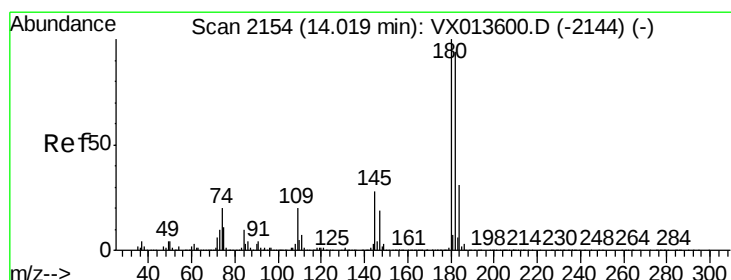
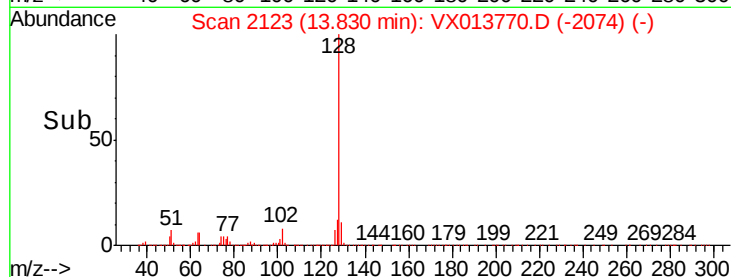
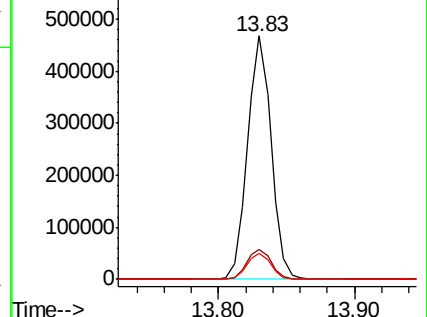
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.544 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

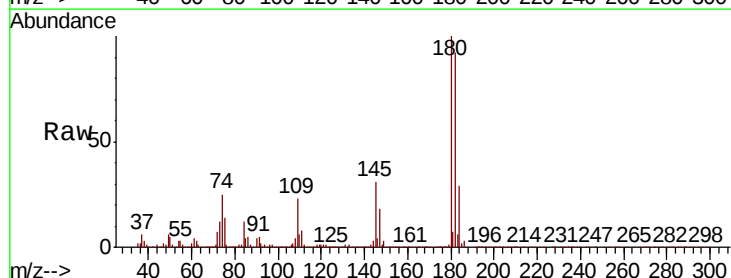
Tgt Ion:180 Resp: 185439

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

