

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014112.D
 Acq On : 19 Dec 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 00:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	93775	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	516579	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	463003	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	195865	29.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.20%
60) 4-Bromofluorobenzene	11.13	95	224699	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	8.71	98	638652	30.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	93170	19.669	ug/l 98
3) Chloromethane	1.32	50	131502	19.697	ug/l 98
4) Vinyl Chloride	1.40	62	137640	20.111	ug/l 98
5) Bromomethane	1.63	94	87758	17.541	ug/l 100
6) Chloroethane	1.72	64	84481	19.984	ug/l 93
7) Trichlorofluoromethane	1.92	101	173572	20.381	ug/l 99
8) Diethyl Ether	2.18	74	75433	19.270	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106144	20.897	ug/l 99
10) 1,1-Dichloroethene	2.36	96	104733	19.945	ug/l 97
11) Methyl Iodide	2.50	142	126050	18.647	ug/l 99
12) Methyl Acetate	2.76	43	160145	19.700	ug/l 96
13) Acrolein	2.28	56	117779	119.453	ug/l 97
14) Acrylonitrile	3.12	53	312616	98.369	ug/l 100
15) Acetone	2.43	58	141011	151.044	ug/l 88
16) Carbon Disulfide	2.56	76	292676	20.574	ug/l 99
17) Allyl chloride	2.72	41	187990	19.923	ug/l 94
18) Methylene Chloride	2.84	84	123145	19.139	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	114559	19.922	ug/l 100
20) Diisopropyl ether	3.84	45	379417	19.596	ug/l 93
21) 1,1-Dichloroethane	3.69	63	205443	19.551	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	129879	19.484	ug/l 97
23) tert-Butyl Alcohol	3.02	59	122318	98.129	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	342066	19.284	ug/l 99
25) Chloroform	5.19	83	200099	19.973	ug/l 96
26) Cyclohexane	5.57	56	186730	19.928	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	154020	20.641	ug/l 100
30) 2-Butanone	4.65	43	531040	120.741	ug/l 100
31) 2,2-Dichloropropane	4.57	77	158319	22.937	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	166500	20.174	ug/l 98
33) Carbon Tetrachloride	5.77	117	142472	20.307	ug/l 97
34) Benzene	6.13	78	469516	20.180	ug/l 98
35) Methacrylonitrile	5.03	41	92806	19.619	ug/l 94
36) 1,2-Dichloroethane	6.18	62	161103	19.933	ug/l 99
37) Trichloroethene	7.20	130	126105	19.919	ug/l 91
38) Methylcyclohexane	7.45	83	191822	21.551	ug/l 99
39) 1,2-Dichloropropane	7.50	63	116269	19.240	ug/l 93
40) Dibromomethane	7.65	93	78798	20.412	ug/l 97

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 ClientSampleId :

Quant Time: Dec 20 00:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.89	83	148109	19.814	ug/l #	96
42) Vinyl Acetate	3.80	43	1609619	103.659	ug/l	99
44) Isopropyl Acetate	6.43	43	275207	19.470	ug/l	100
45) 1,4-Dioxane	7.73	88	57417	433.776	ug/l	98
46) Methyl methacrylate	7.76	41	133905	19.504	ug/l	98
47) n-amyl Acetate	10.89	43	229447	18.256	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	162801	19.955	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	185476	20.216	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	117194	19.671	ug/l	96
51) Ethyl methacrylate	9.17	69	181234	19.124	ug/l	96
52) 1,3-Dichloropropane	9.36	76	201610	19.918	ug/l	100
53) Dibromochloromethane	9.57	129	118814	19.944	ug/l	98
54) 1,2-Dibromoethane	9.67	107	122771	20.014	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	480416	115.002	ug/l	100
56) Bromoform	10.85	173	86802	18.684	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	869505	100.370	ug/l	99
59) 2-Hexanone	9.48	43	722251	109.860	ug/l	99
61) Tetrachloroethene	9.33	164	128859	21.038	ug/l	96
62) Toluene	8.78	91	506687	20.576	ug/l	99
64) Chlorobenzene	10.13	112	313537	20.323	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	111307	19.484	ug/l	98
66) Ethyl Benzene	10.25	91	549646	20.396	ug/l	99
67) m/p-Xylenes	10.35	106	423132	41.074	ug/l	100
68) o-Xylene	10.69	106	201941	19.788	ug/l	99
69) Styrene	10.71	104	341758	19.692	ug/l	98
70) Isopropylbenzene	11.01	105	538045	20.402	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	176037	18.822	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	195633	23.500	ug/l	95
73) Bromobenzene	11.25	156	137583	19.543	ug/l	99
74) n-propylbenzene	11.35	91	619799	20.721	ug/l	99
75) 2-Chlorotoluene	11.42	91	365556	20.226	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	446709	19.967	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	53839	19.584	ug/l	96
78) 4-Chlorotoluene	11.51	91	414204	20.055	ug/l	98
79) tert-butylbenzene	11.76	119	429246	19.906	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	440378	19.686	ug/l	99
81) sec-Butylbenzene	11.94	105	519295	20.246	ug/l	99
82) p-Isopropyltoluene	12.06	119	478463	20.671	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	244837	19.953	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	241342	19.752	ug/l	100
85) n-Butylbenzene	12.39	91	403846	20.751	ug/l	99
86) Hexachloroethane	12.59	117	80999	19.290	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	241366	19.365	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	36301	19.474	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	160170	20.107	ug/l	99
90) Hexachlorobutadiene	13.78	225	79597	21.022	ug/l	99
91) Naphthalene	13.83	128	462505	19.317	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	160783	19.900	ug/l	97

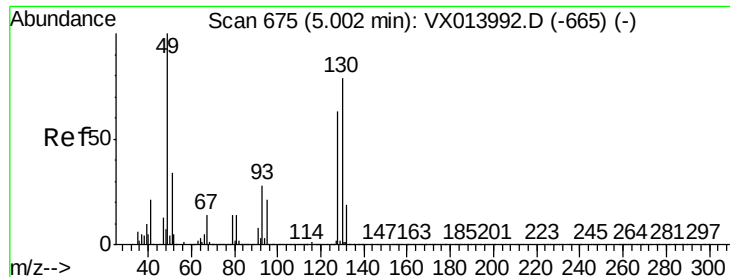
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :

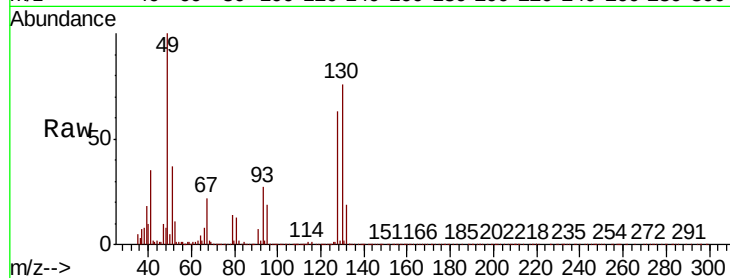
Tot Ion:128 Resp: 93775

Ion Ratio Lower Upper

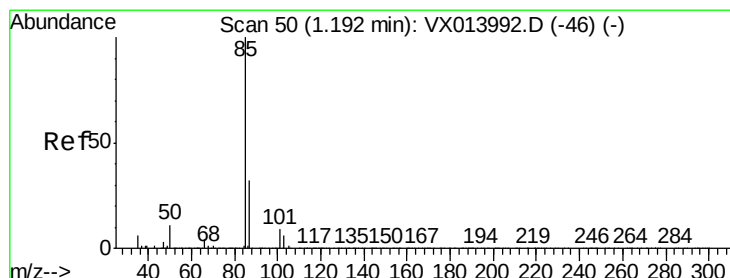
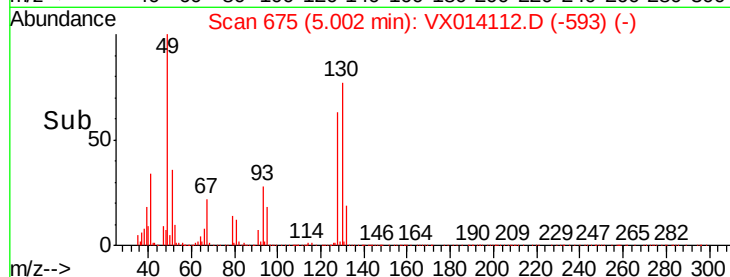
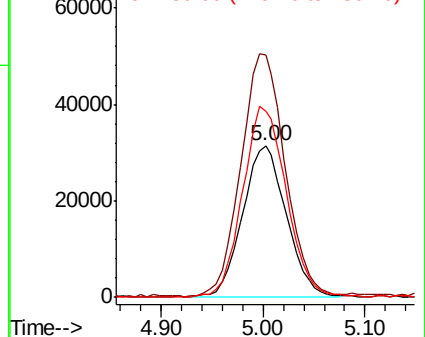
128 100

49 163.3 0.0 405.0

130 125.0 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.669 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014112.D

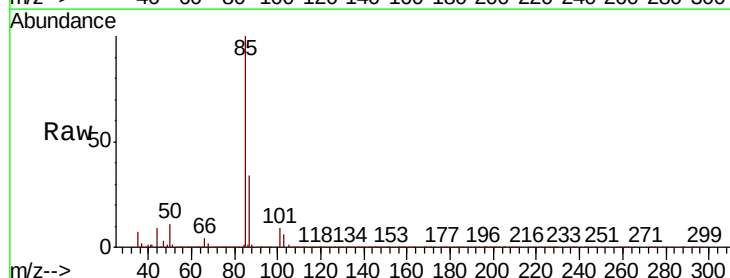
Acq: 19 Dec 2019 11:07

Tgt Ion: 85 Resp: 93170

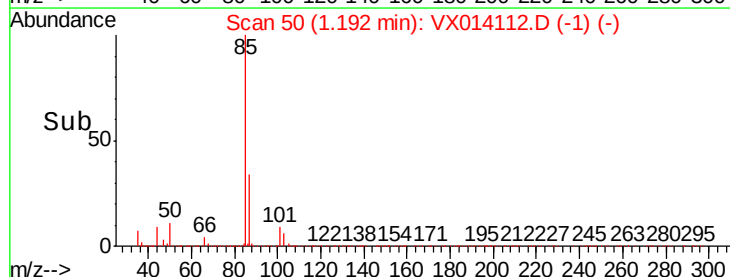
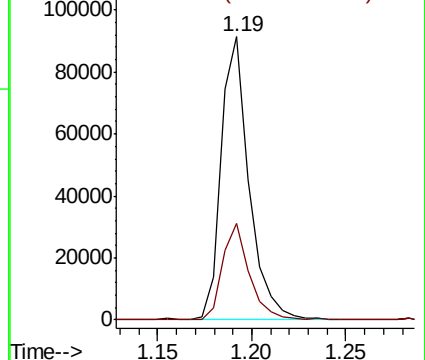
Ion Ratio Lower Upper

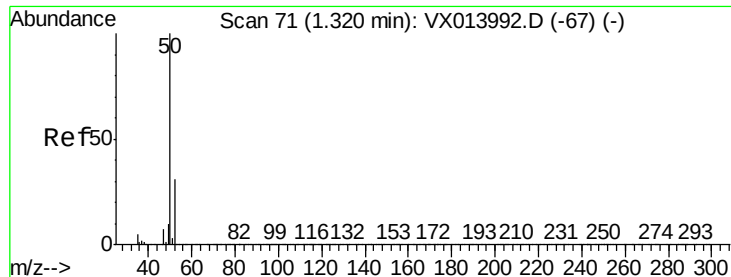
85 100

87 33.9 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.697 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

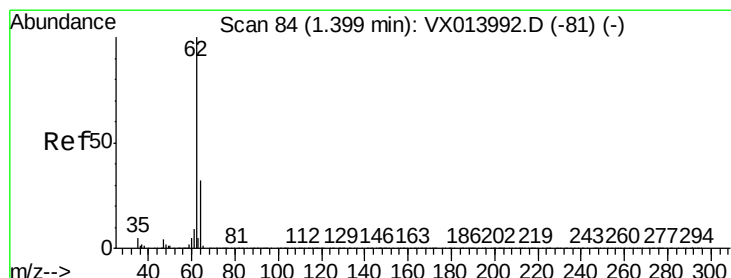
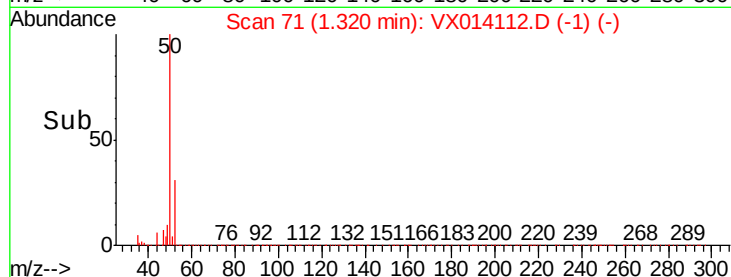
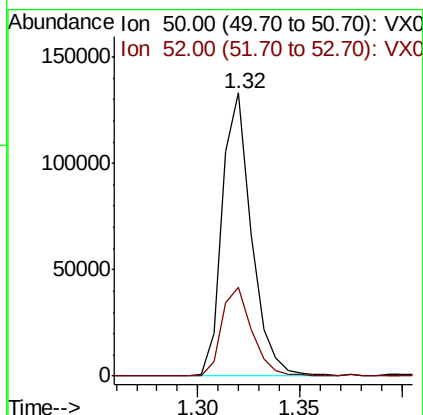
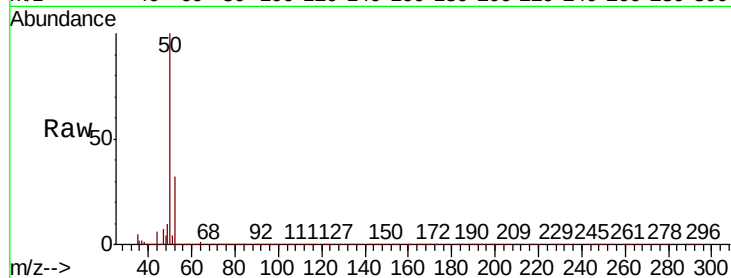
ClientSampled :

Tot Ion: 50 Resp: 131502

Ion Ratio Lower Upper

50 100

52 31.5 24.3 36.5



#4

Vinyl Chloride

Concen: 20.111 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014112.D

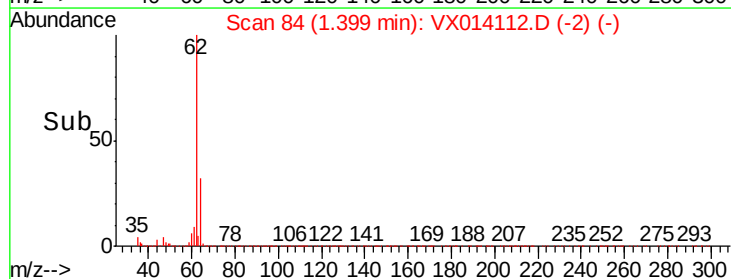
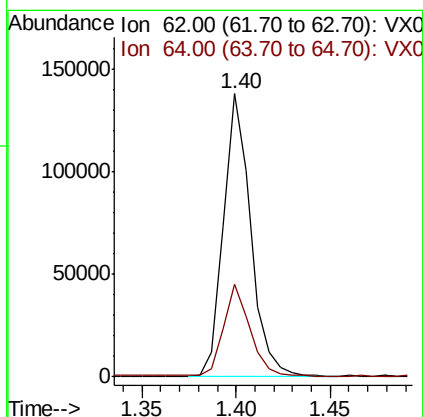
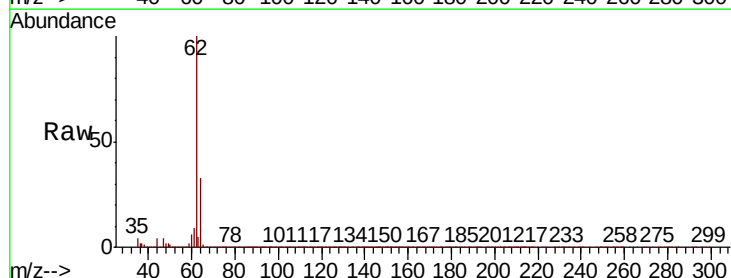
Acq: 19 Dec 2019 11:07

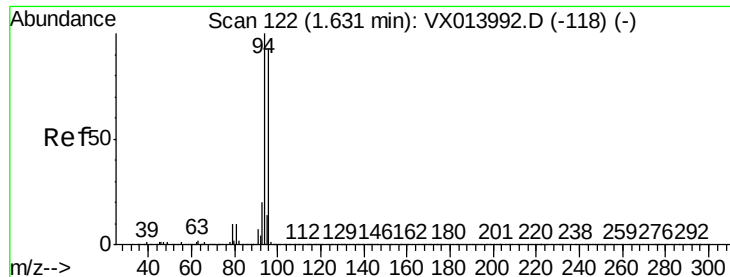
Tgt Ion: 62 Resp: 137640

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 17.541 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

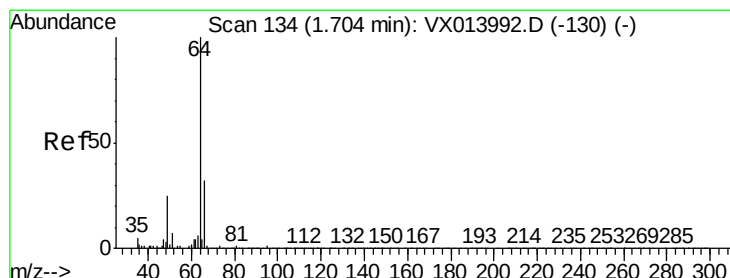
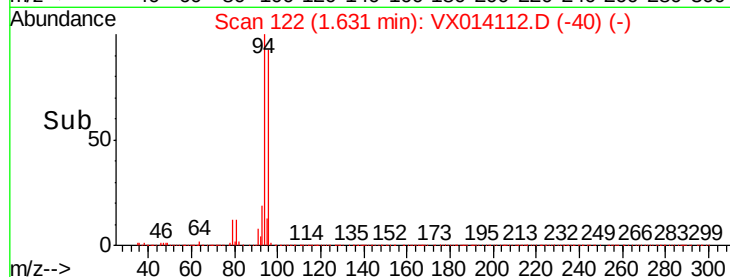
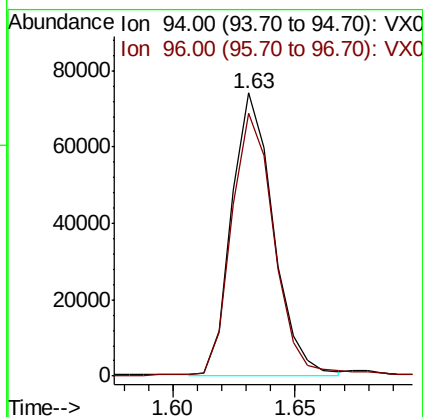
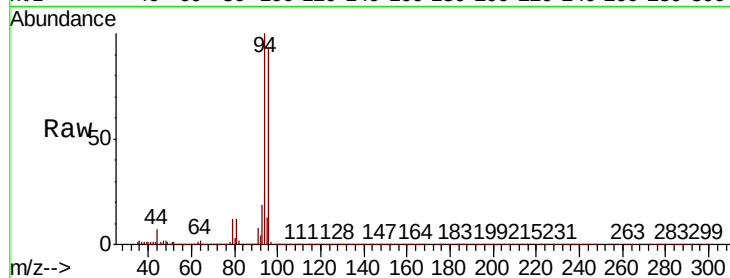
ClientSampleId :

Tot Ion: 94 Resp: 87758

Ion Ratio Lower Upper

94 100

96 92.8 74.4 111.6



#6

Chloroethane

Concen: 19.984 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014112.D

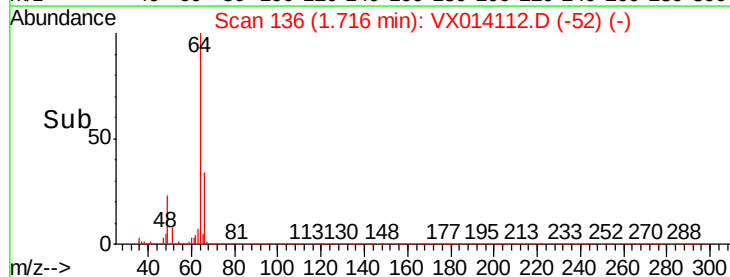
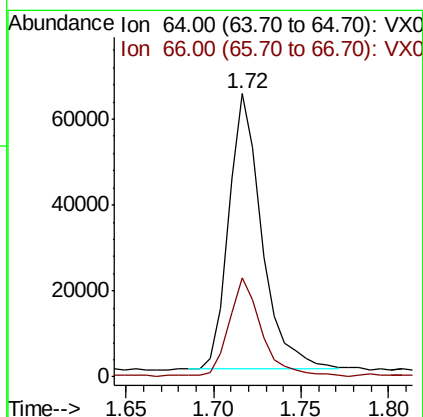
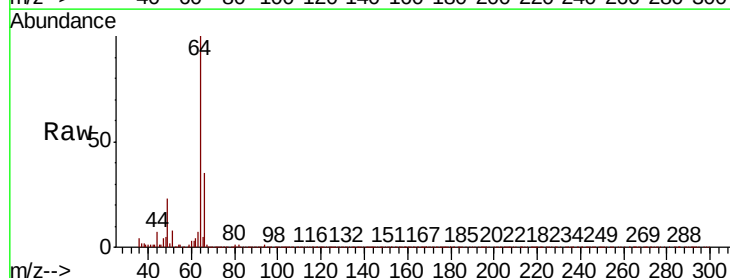
Acq: 19 Dec 2019 11:07

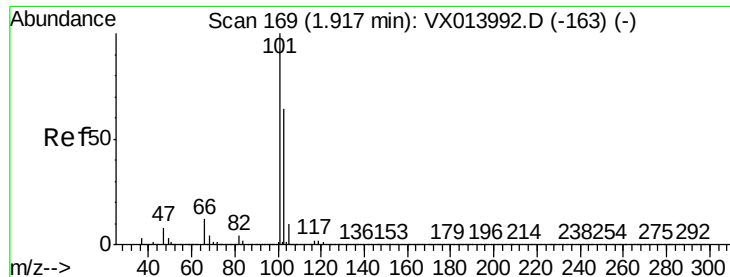
Tgt Ion: 64 Resp: 84481

Ion Ratio Lower Upper

64 100

66 35.2 25.2 37.8



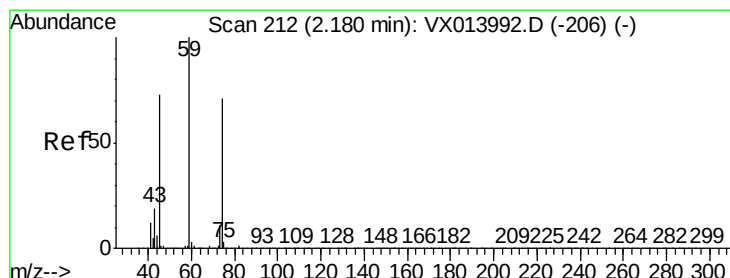
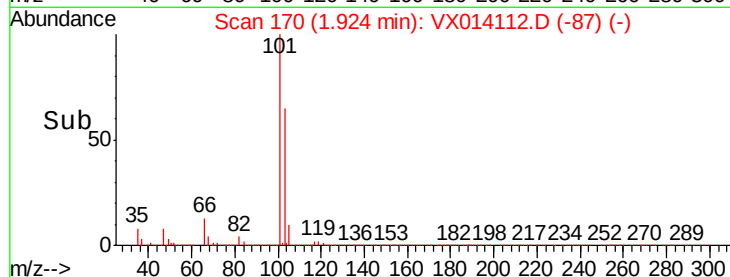
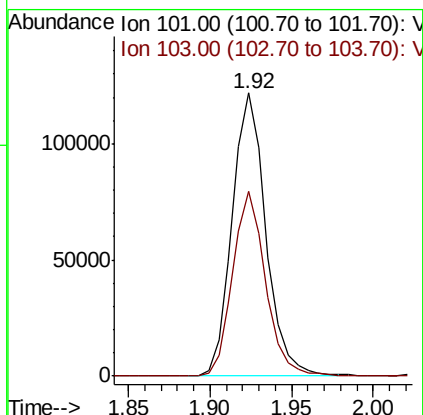
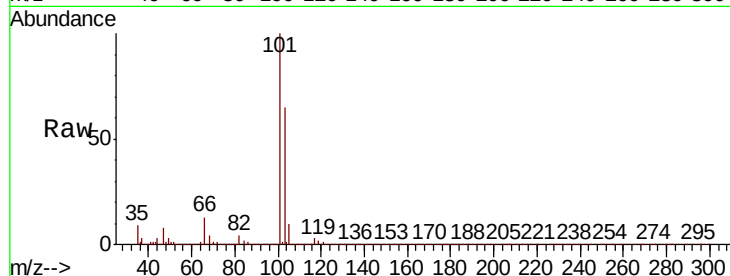


#7

Trichlorofluoromethane
Concen: 20.381 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :

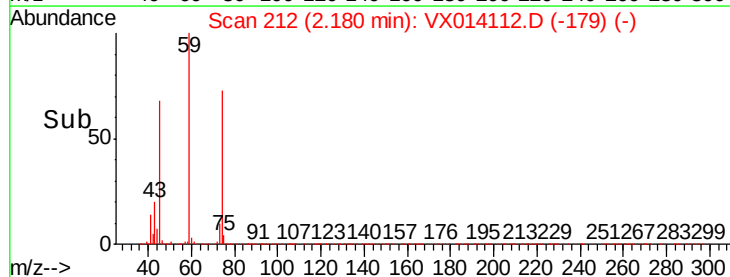
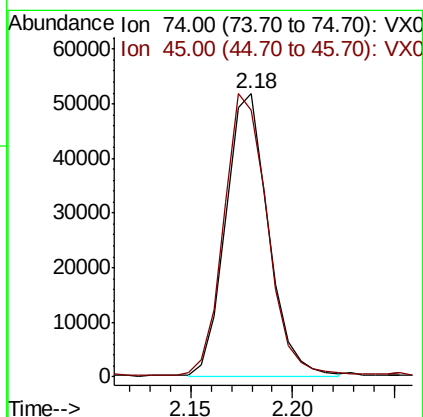
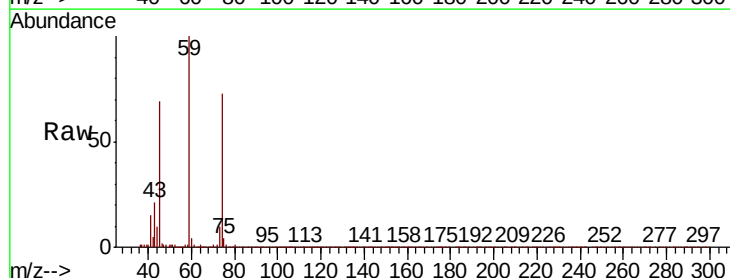
Tot Ion:101 Resp: 173572
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

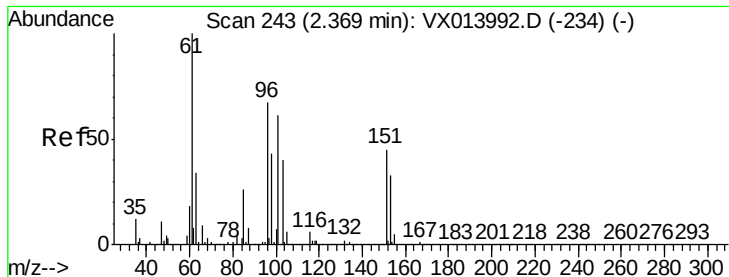


#8

Diethyl Ether
Concen: 19.270 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 74 Resp: 75433
Ion Ratio Lower Upper
74 100
45 101.9 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.897 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

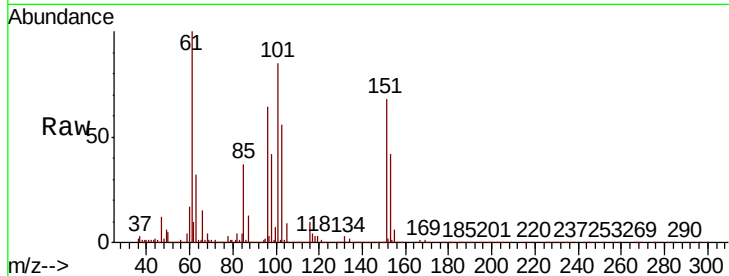
Tot Ion:101 Resp: 106144

Ion Ratio Lower Upper

101 100

85 41.8 0.0 85.6

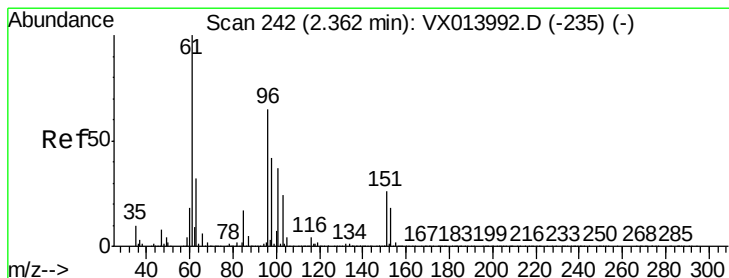
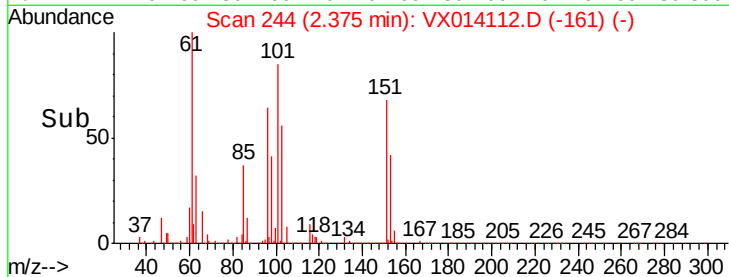
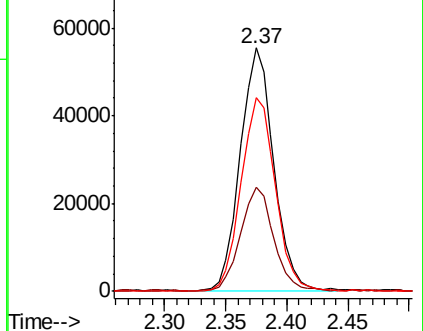
151 80.8 0.0 159.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.945 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

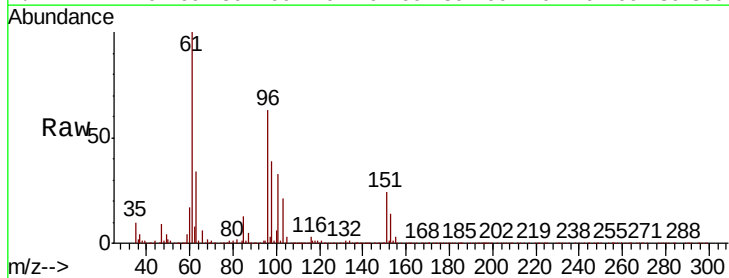
Tgt Ion: 96 Resp: 104733

Ion Ratio Lower Upper

96 100

61 158.7 123.0 184.6

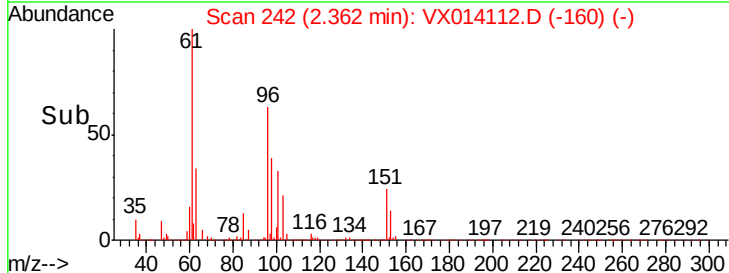
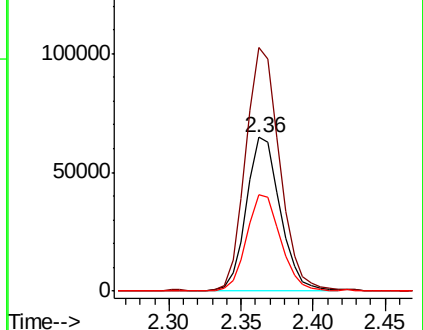
98 62.6 51.4 77.0

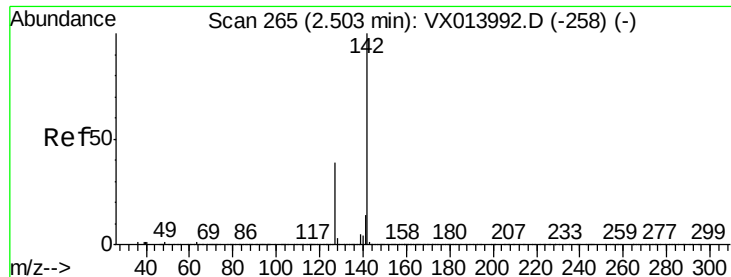


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

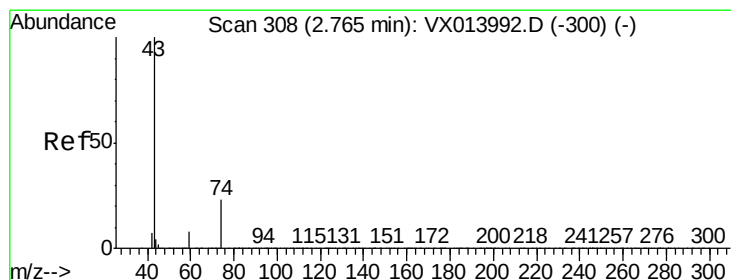
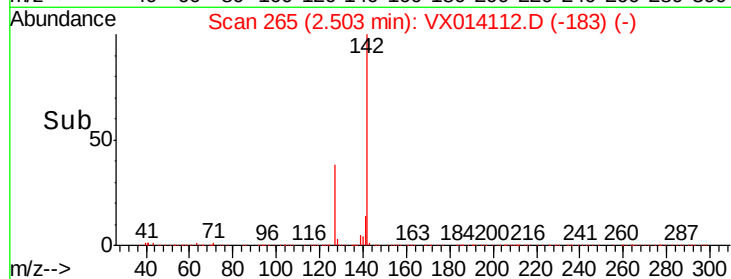
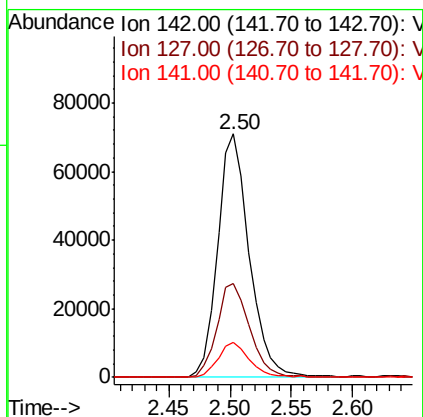
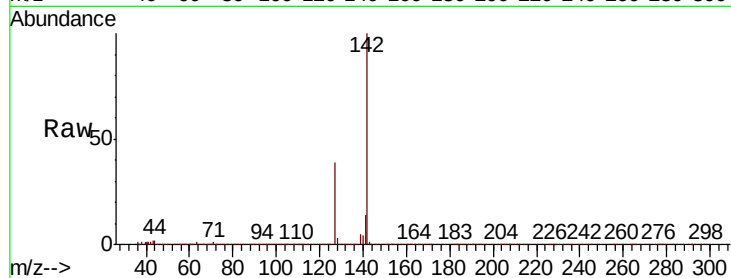




#11
Methyl Iodide
Concen: 18.647 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

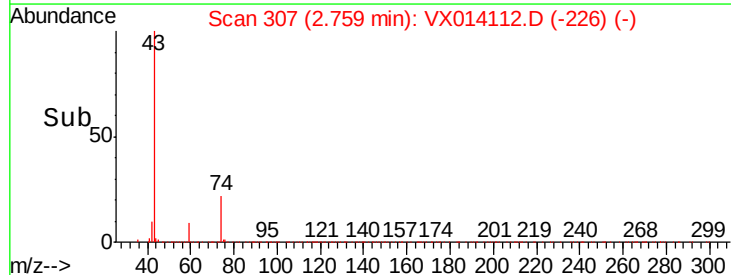
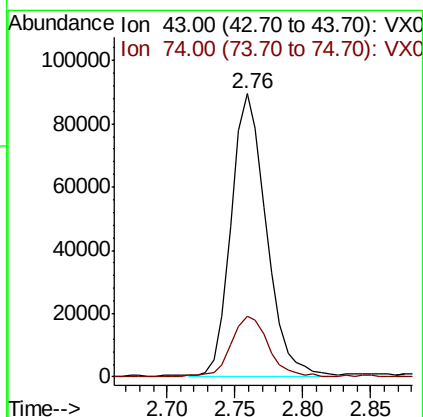
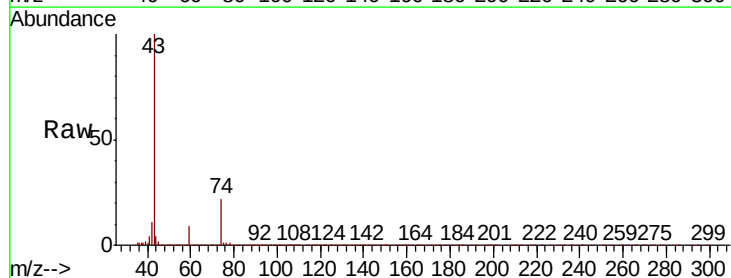
Instrument :
MSVOA_X
ClientSampleId :

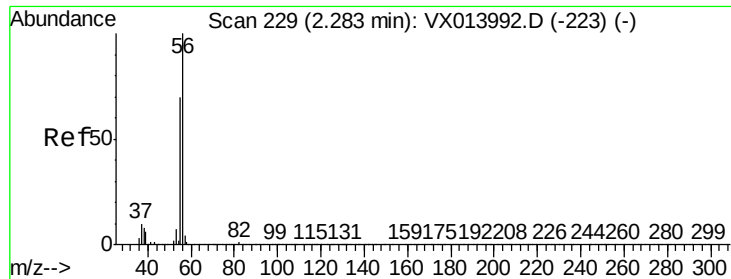
Tot Ion:142 Resp: 126050
Ion Ratio Lower Upper
142 100
127 38.4 19.5 58.5
141 14.0 7.0 20.9



#12
Methyl Acetate
Concen: 19.700 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 43 Resp: 160145
Ion Ratio Lower Upper
43 100
74 21.4 18.5 27.7

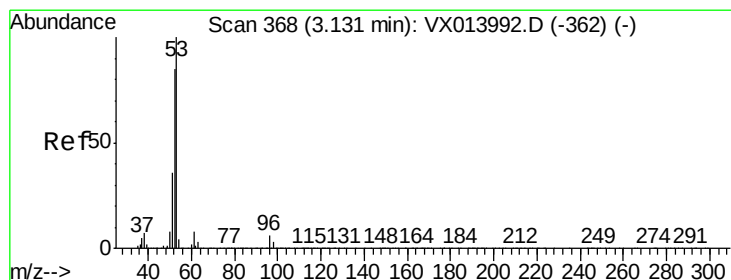
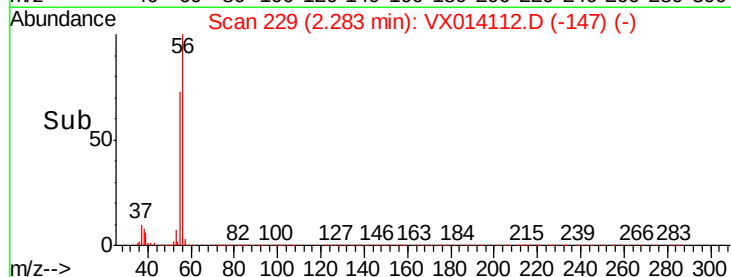
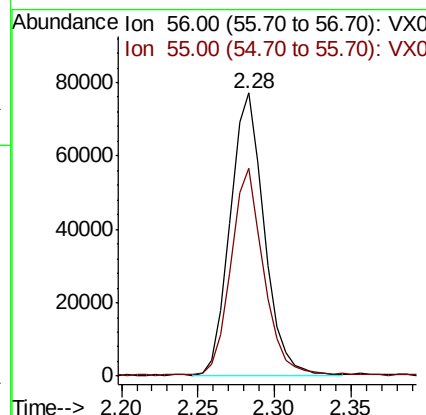
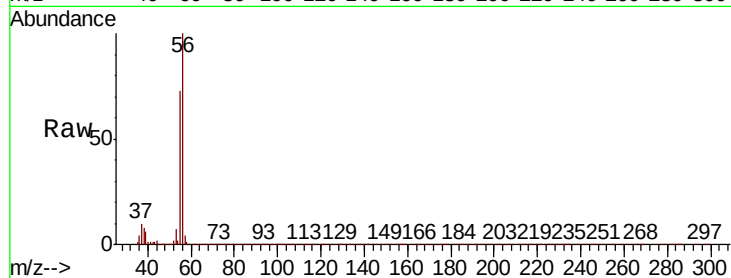




#13
Acrolein
Concen: 119.453 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

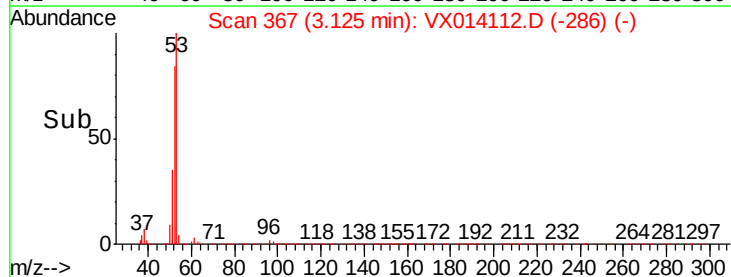
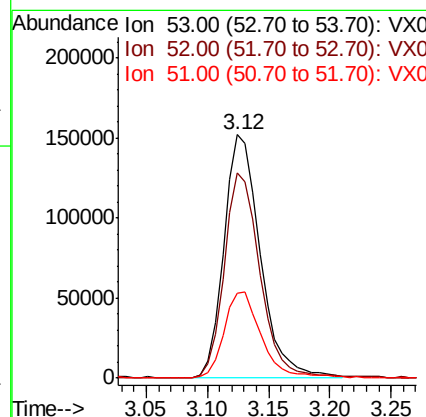
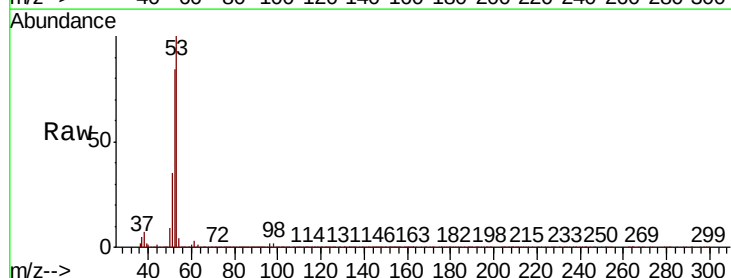
Instrument :
MSVOA_X
ClientSampleId :

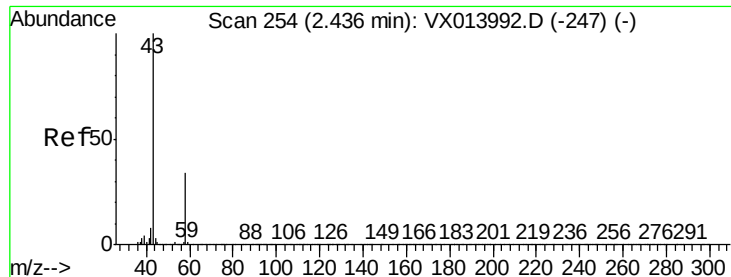
Tot Ion: 56 Resp: 117779
Ion Ratio Lower Upper
56 100
55 70.8 54.9 82.3



#14
Acrylonitrile
Concen: 98.369 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 53 Resp: 312616
Ion Ratio Lower Upper
53 100
52 83.0 41.5 124.6
51 35.9 17.8 53.5





#15

Acetone

Concen: 151.044 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

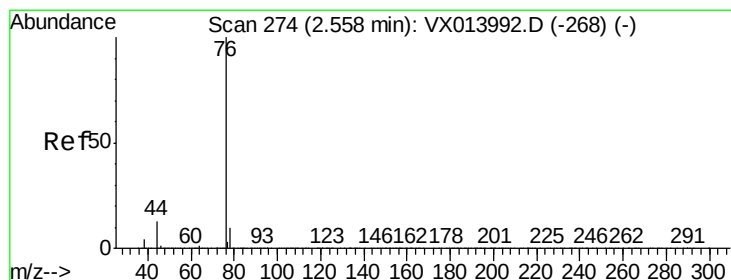
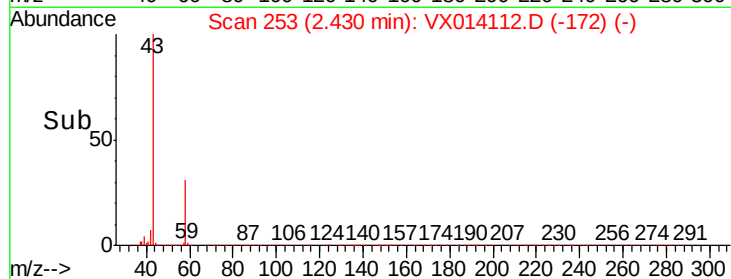
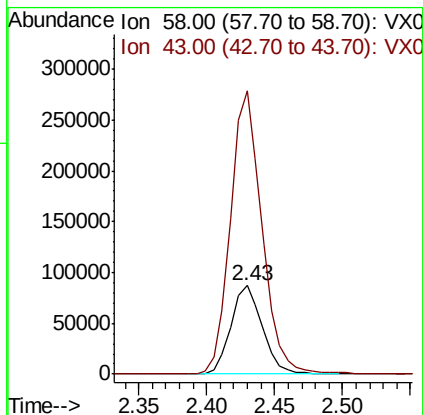
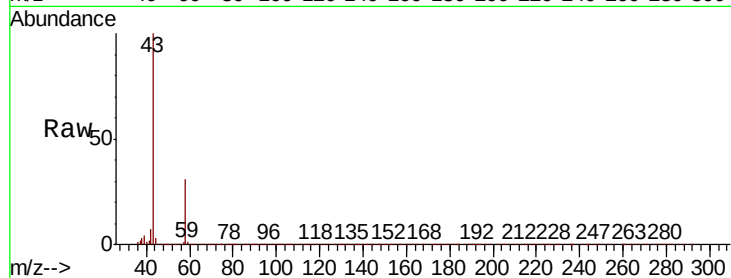
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 141011

Ion Ratio Lower Upper

58 100

43 319.5 236.3 354.5



#16

Carbon Disulfide

Concen: 20.574 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014112.D

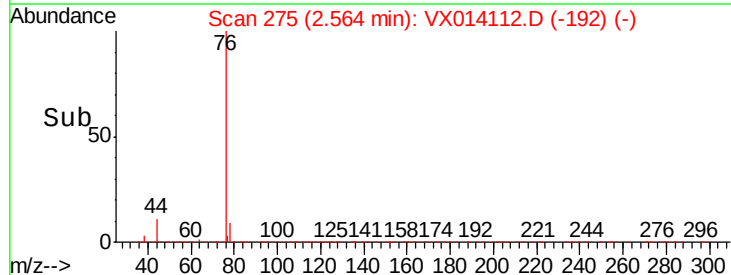
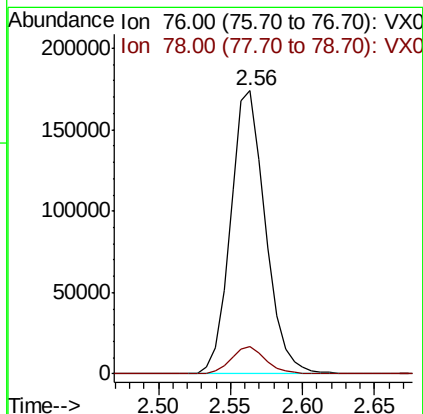
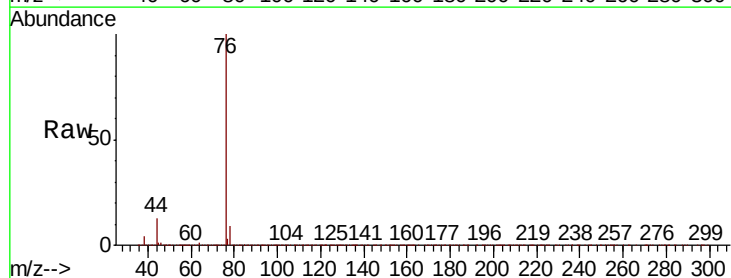
Acq: 19 Dec 2019 11:07

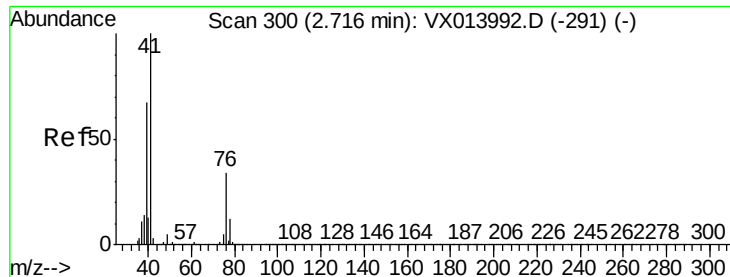
Tgt Ion: 76 Resp: 292676

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.8





#17

Allvl chloride

Concen: 19.923 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

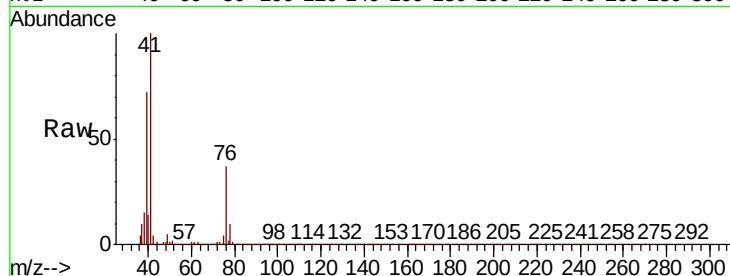
Tot Ion: 41 Resp: 187990

Ion Ratio Lower Upper

41 100

39 71.9 33.4 100.2

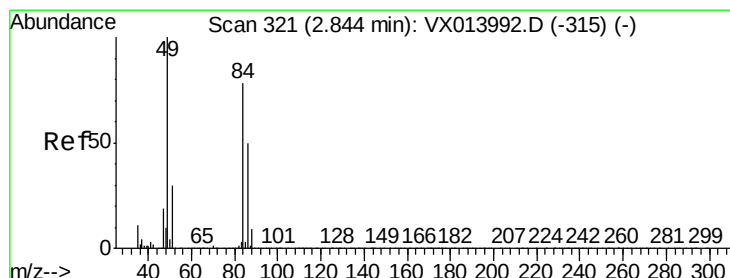
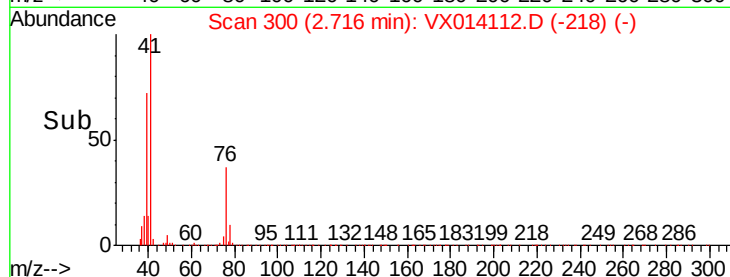
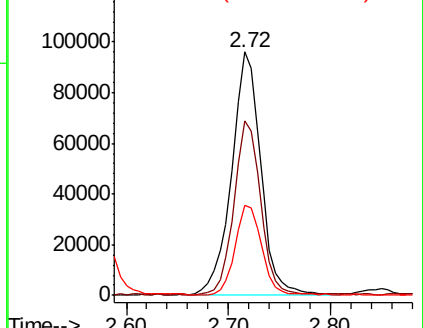
76 37.1 17.0 50.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.139 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Tgt Ion: 84 Resp: 123145

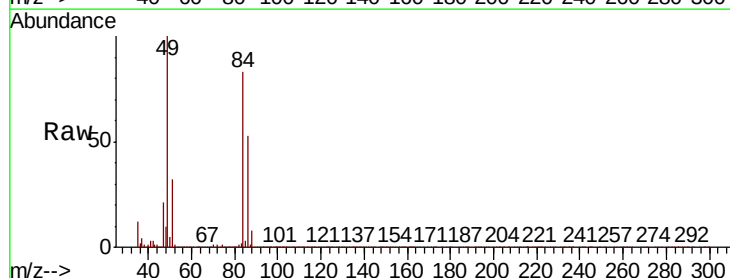
Ion Ratio Lower Upper

84 100

49 120.5 102.2 153.2

51 38.8 31.4 47.0

86 63.6 50.8 76.2

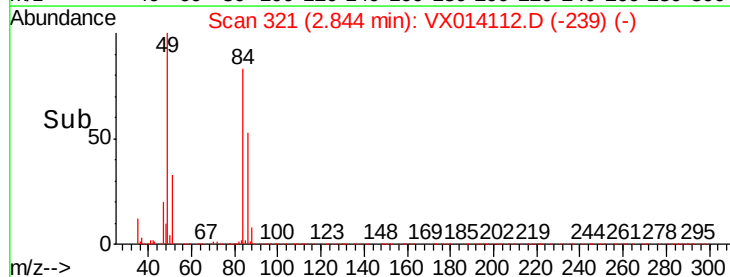
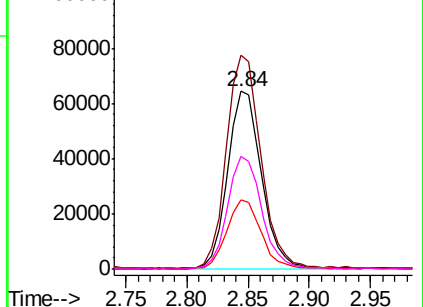


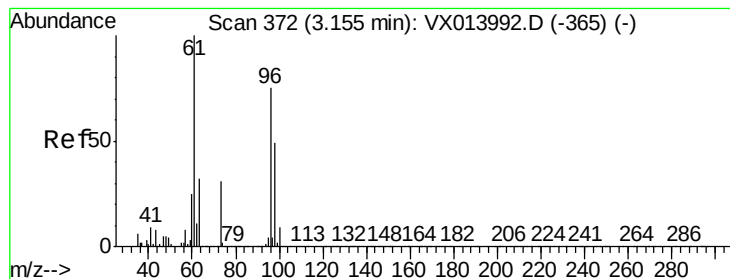
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.922 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

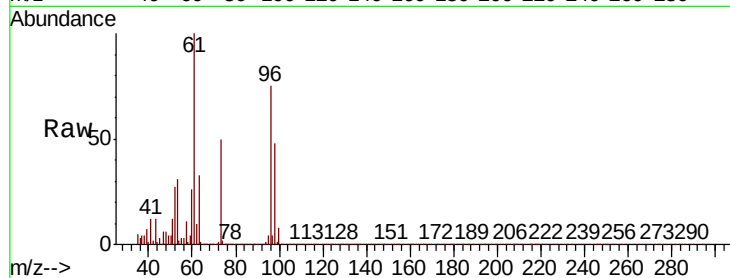
Tot Ion: 96 Resp: 114559

Ion Ratio Lower Upper

96 100

61 133.6 106.6 159.8

98 64.0 51.6 77.4

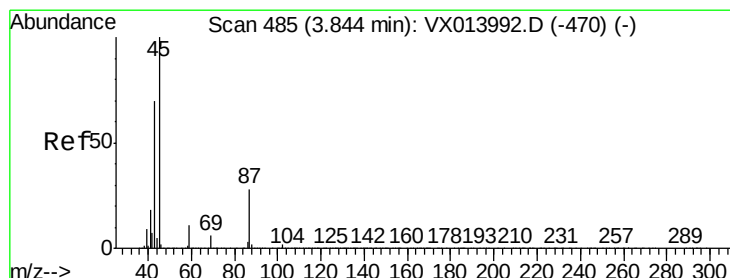
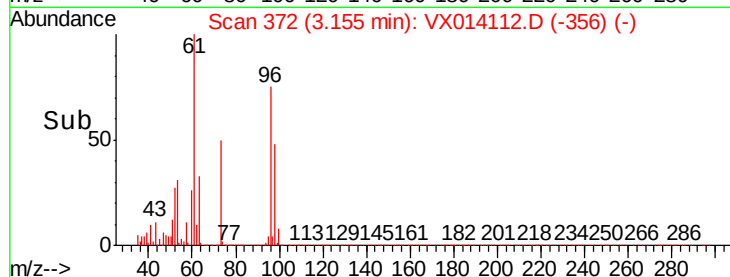
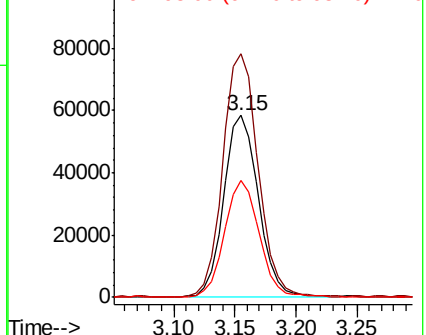


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.596 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Tgt Ion: 45 Resp: 379417

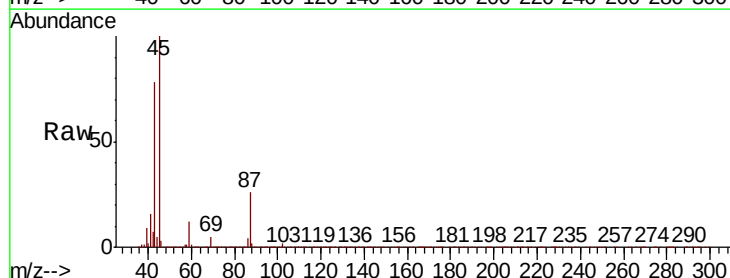
Ion Ratio Lower Upper

45 100

43 77.2 55.9 83.9

87 25.6 22.2 33.2

59 11.3 8.6 13.0



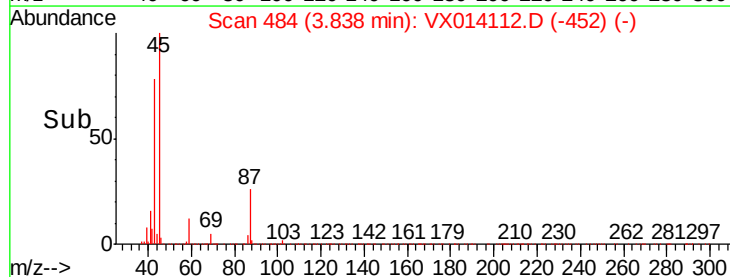
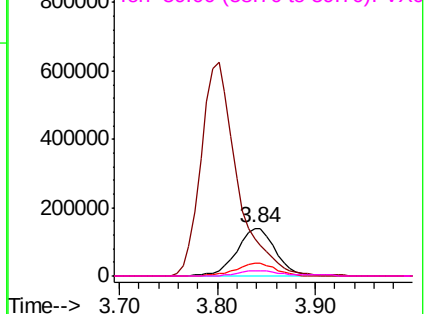
Abundance

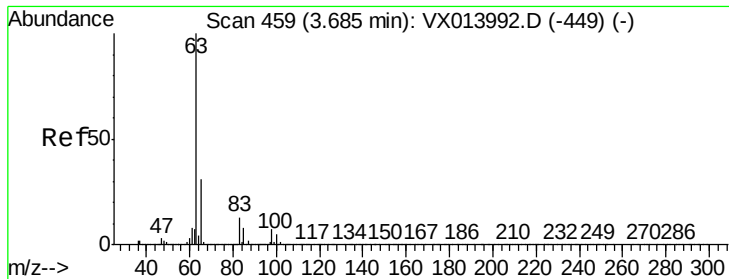
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.551 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

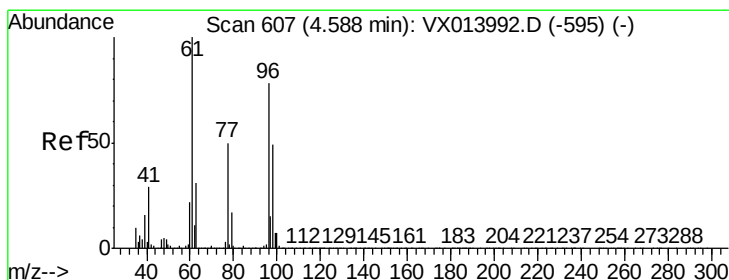
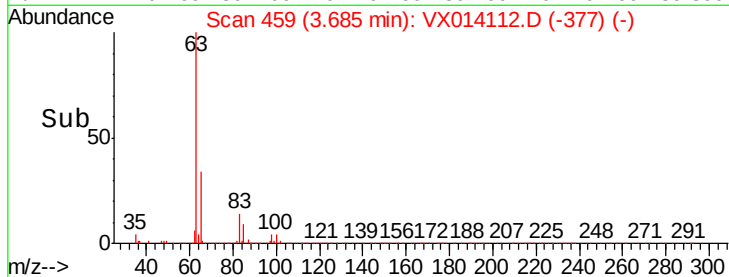
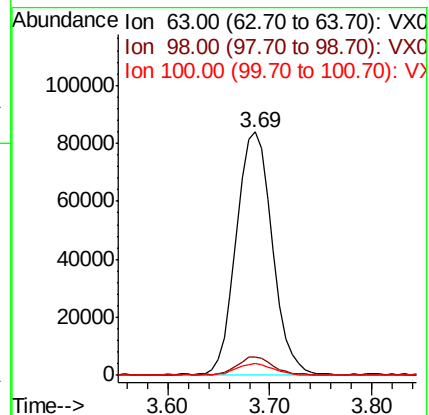
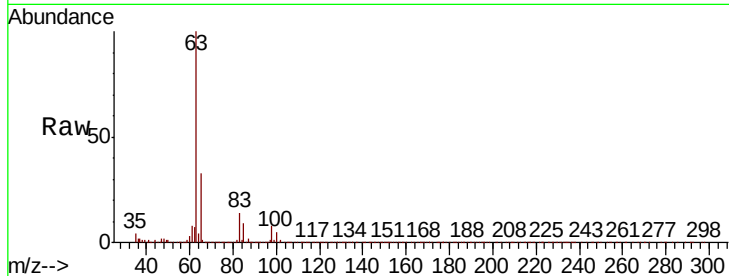
Tot Ion: 63 Resp: 205443

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

100 4.8 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.484 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

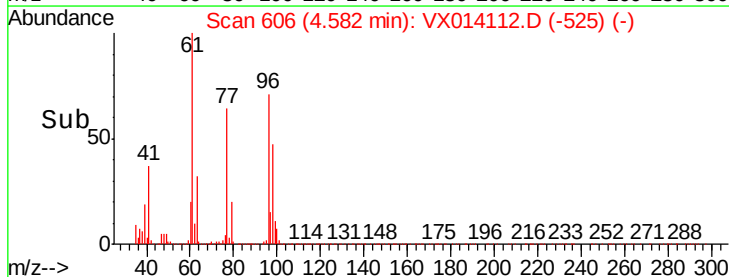
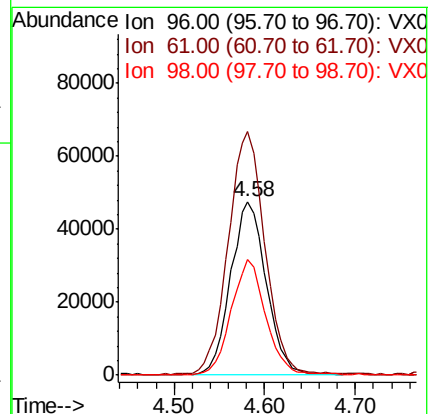
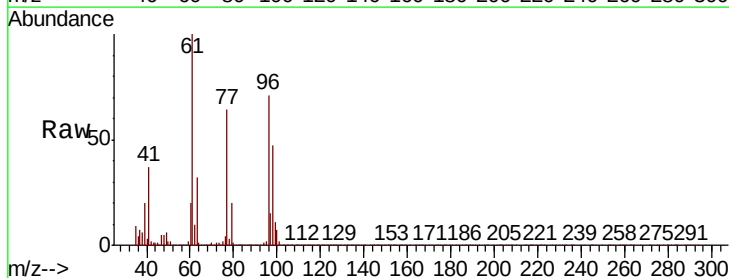
Tgt Ion: 96 Resp: 129879

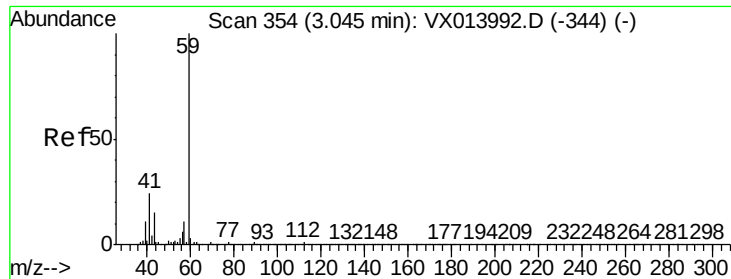
Ion Ratio Lower Upper

96 100

61 143.9 112.4 168.6

98 64.4 50.3 75.5



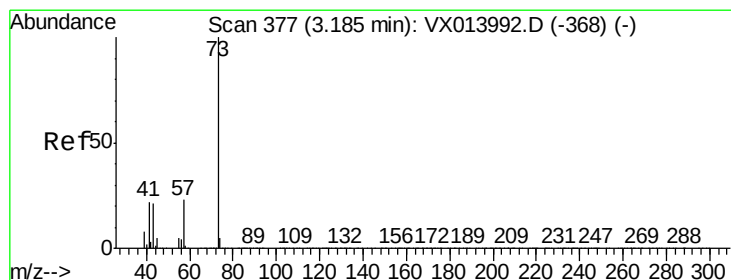
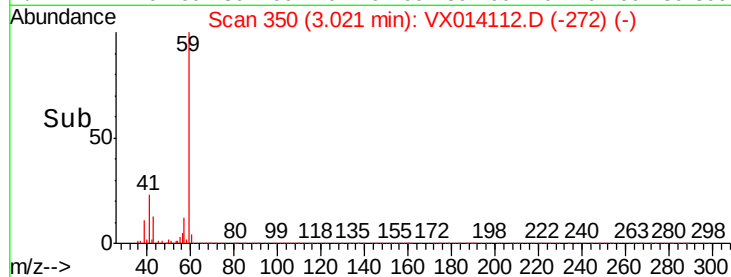
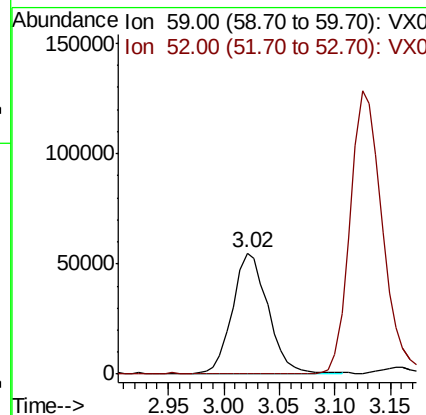
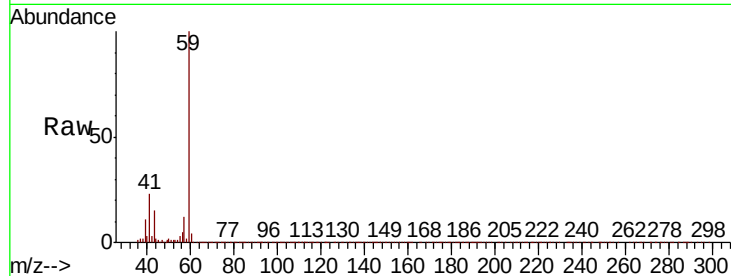


#23

tert-Butyl Alcohol
Concen: 98.129 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :

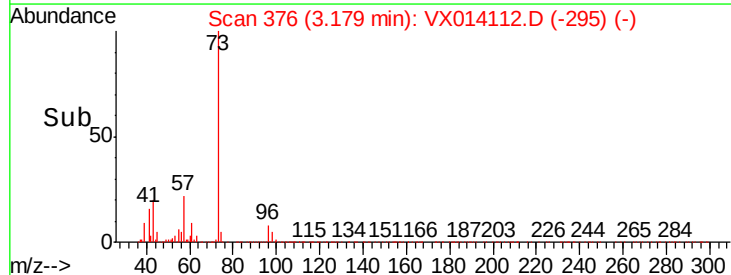
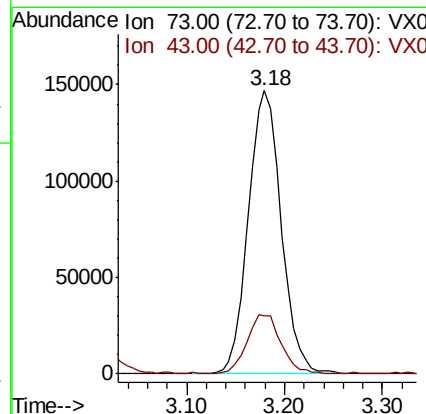
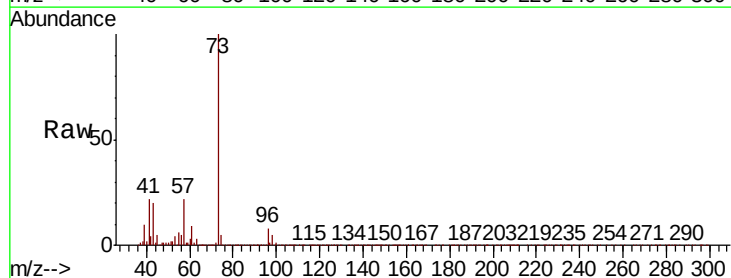
Tot Ion: 59 Resp: 122318
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

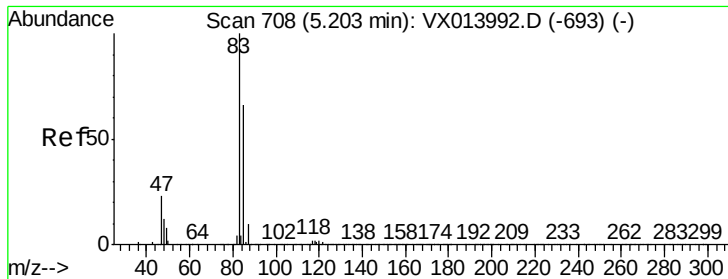


#24

Methyl tert-Butyl Ether
Concen: 19.284 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 73 Resp: 342066
Ion Ratio Lower Upper
73 100
43 21.1 16.6 25.0





#25

Chloroform

Concen: 19.973 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

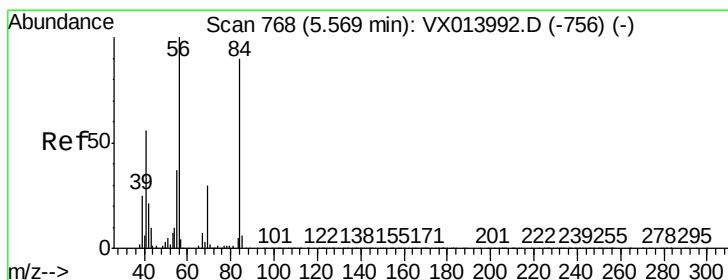
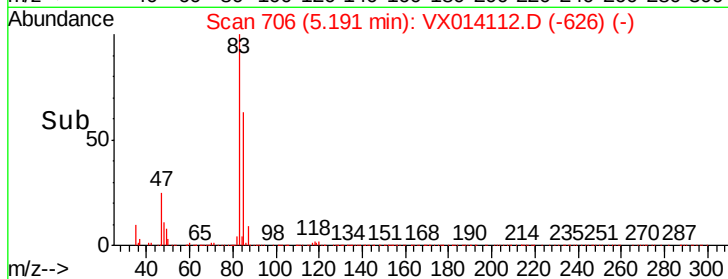
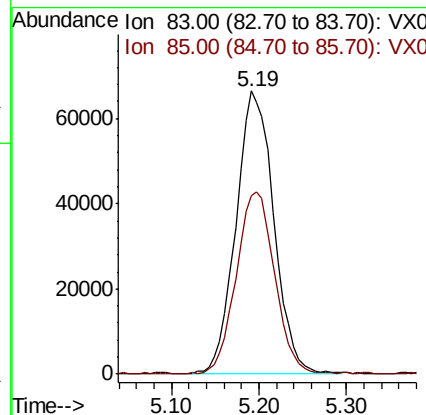
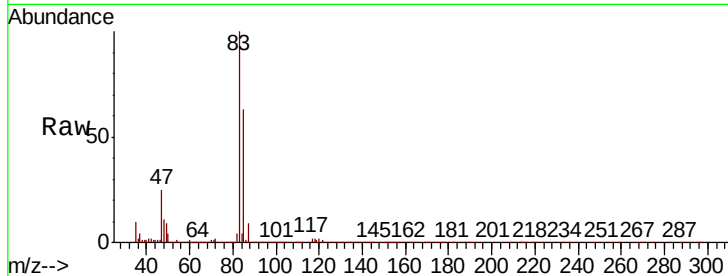
ClientSampleId :

Tot Ion: 83 Resp: 200099

Ion Ratio Lower Upper

83 100

85 62.6 52.7 79.1



#26

Cyclohexane

Concen: 19.928 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

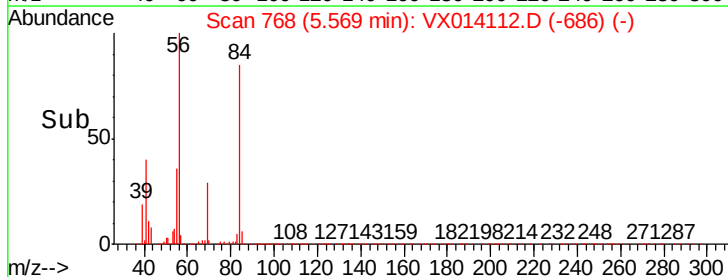
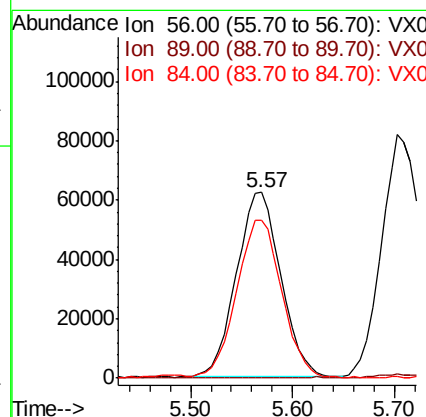
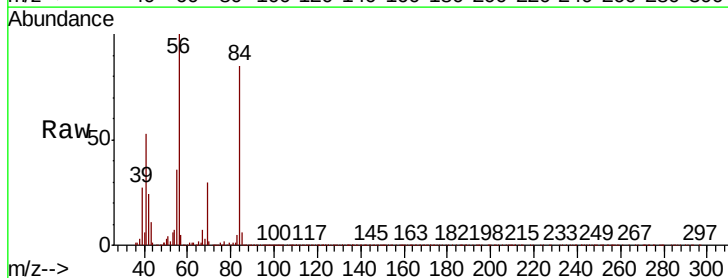
Tgt Ion: 56 Resp: 186730

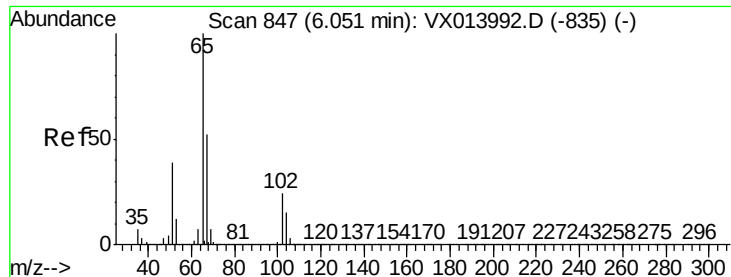
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 86.7 70.8 106.2

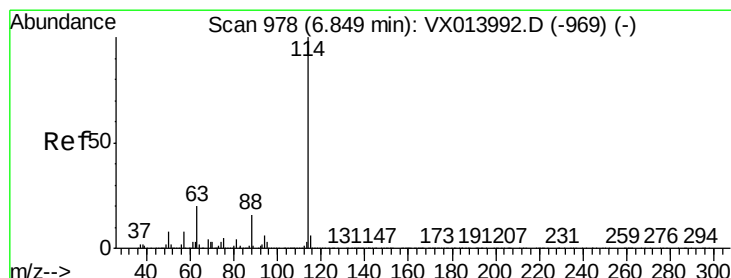
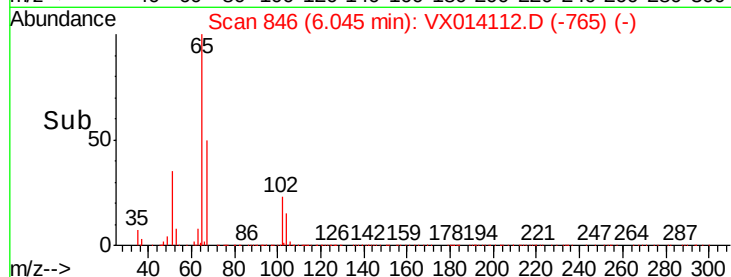
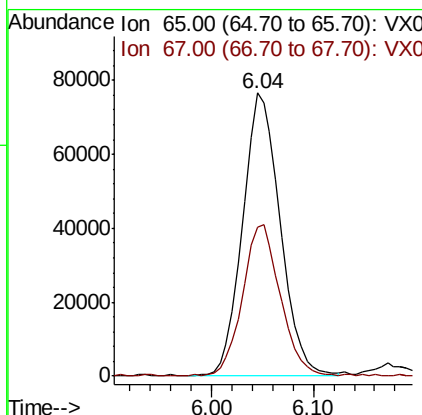
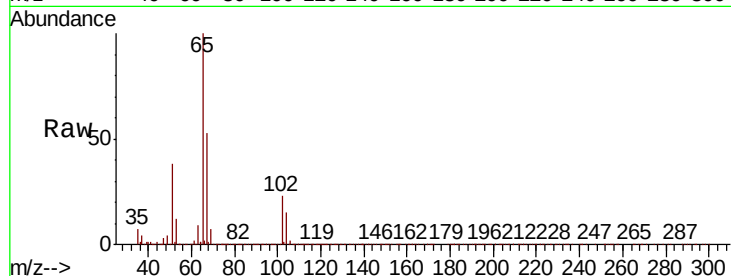




#27
1,2-Dichloroethane-d4
Concen: 29.164 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

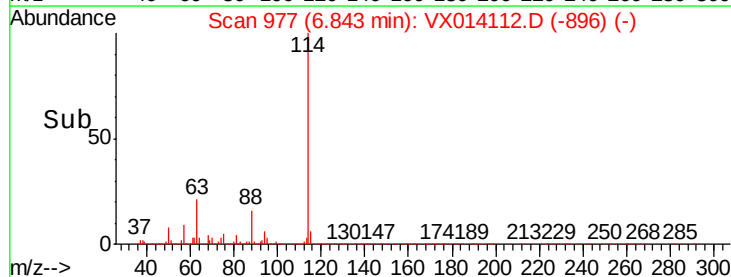
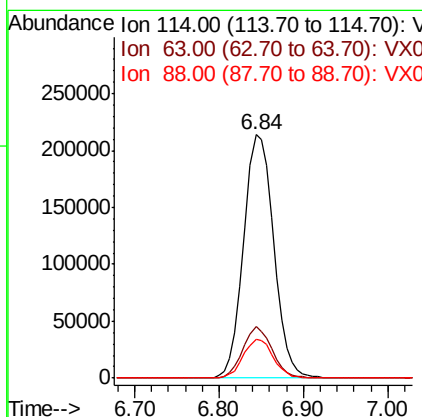
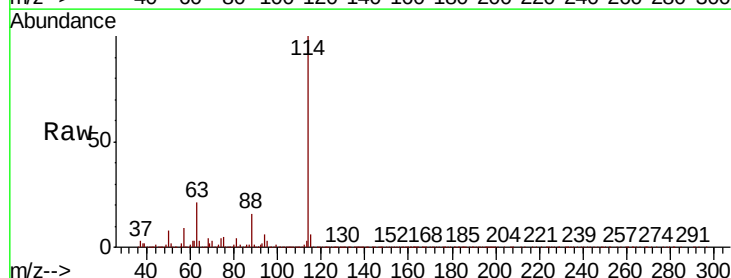
Instrument :
MSVOA_X
ClientSampled :

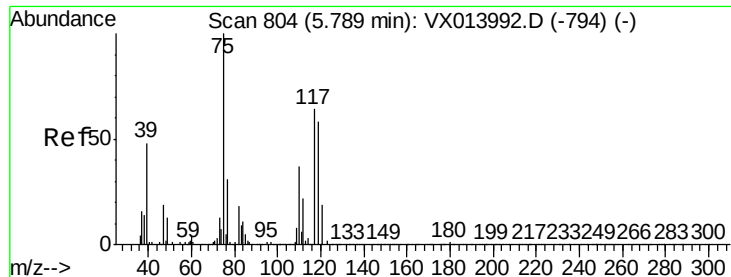
Tot Ion: 65 Resp: 195865
Ion Ratio Lower Upper
65 100
67 53.1 43.1 64.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 114 Resp: 516579
Ion Ratio Lower Upper
114 100
63 20.2 16.1 24.1
88 15.6 12.5 18.7

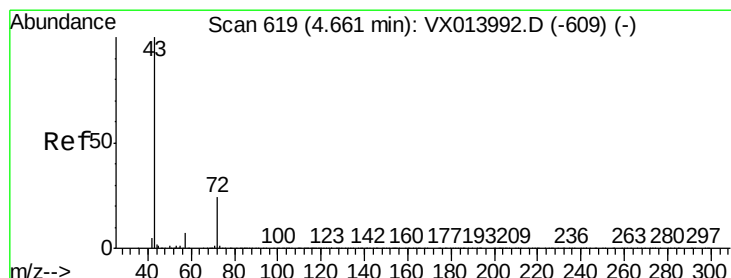
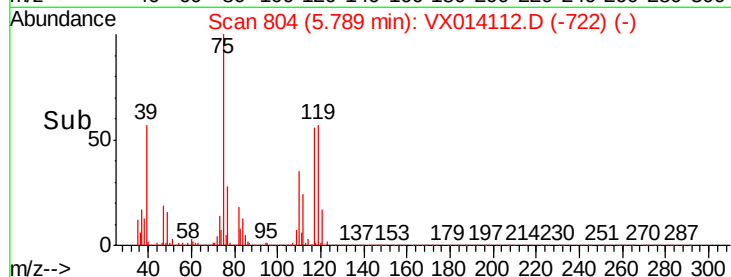
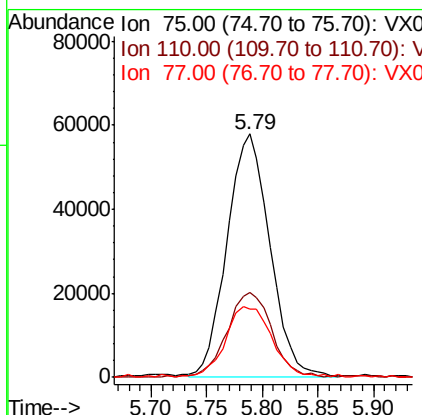
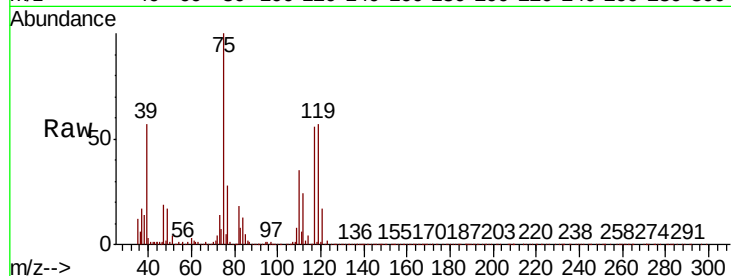




#29
 1,1-Dichloropropene
 Concen: 20.641 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

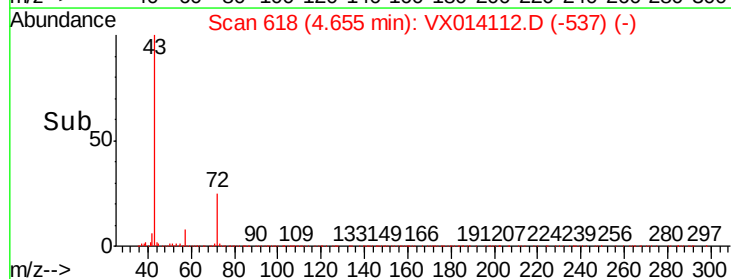
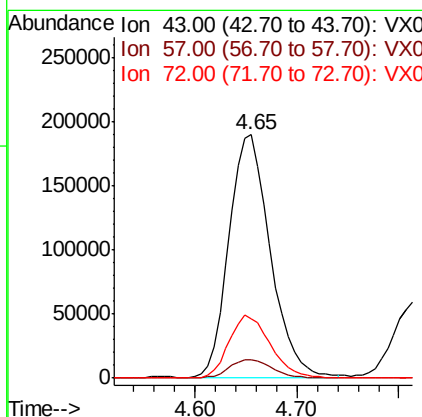
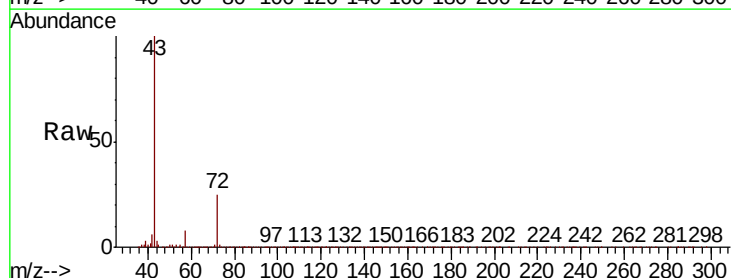
Instrument :
 MSVOA_X
 ClientSampleId :

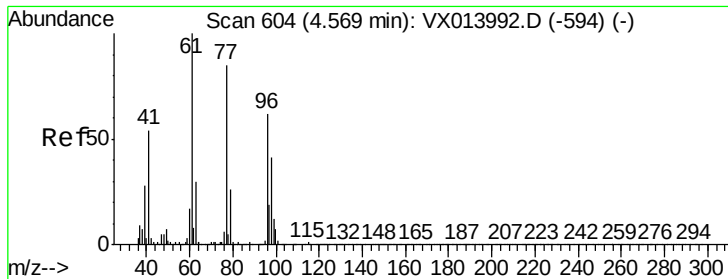
Tot Ion:	75	Resp:	154020
Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.8
77	31.2	0.0	62.4



#30
 2-Butanone
 Concen: 120.741 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion:	43	Resp:	531040
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 22.937 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

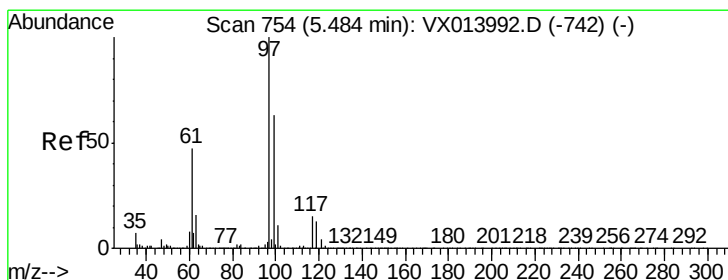
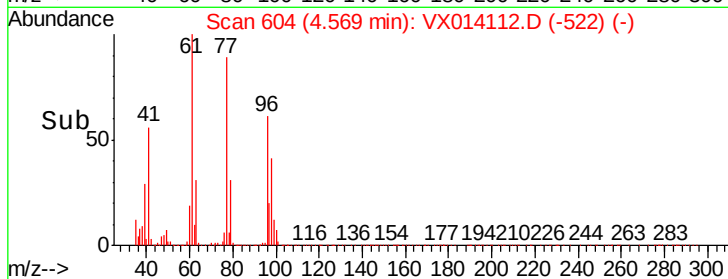
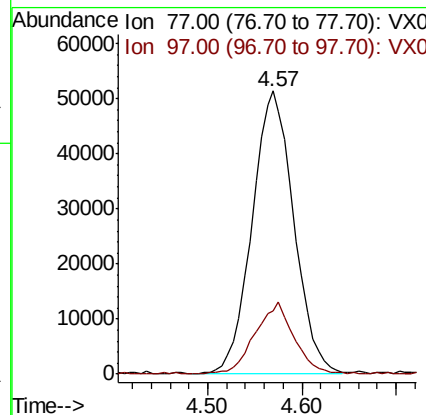
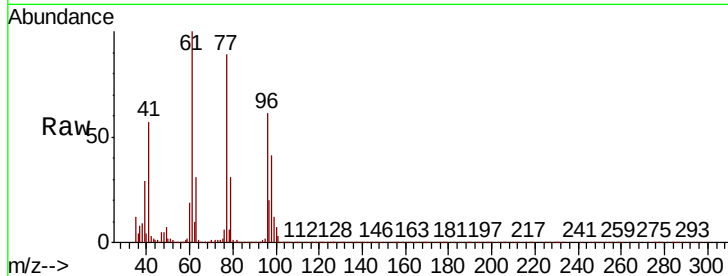
ClientSampled :

Tot Ion: 77 Resp: 158319

Ion Ratio Lower Upper

77 100

97 23.3 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.174 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

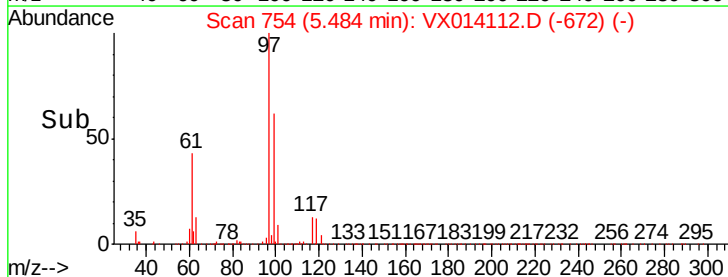
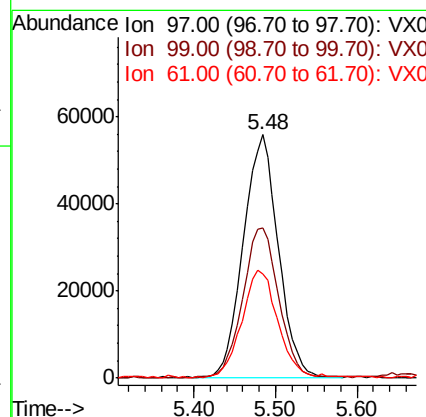
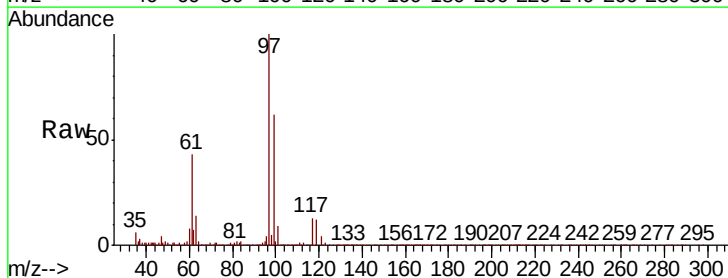
Tgt Ion: 97 Resp: 166500

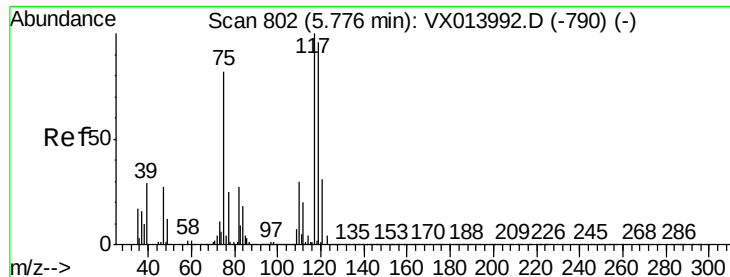
Ion Ratio Lower Upper

97 100

99 62.9 51.9 77.9

61 44.8 36.8 55.2

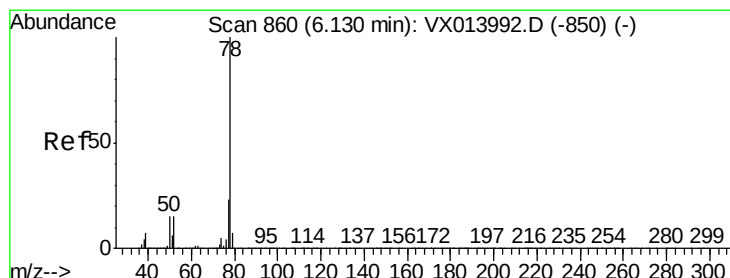
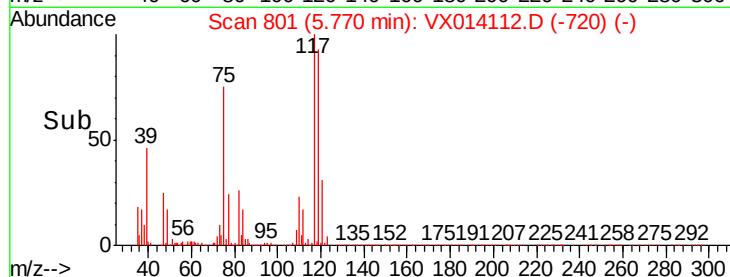
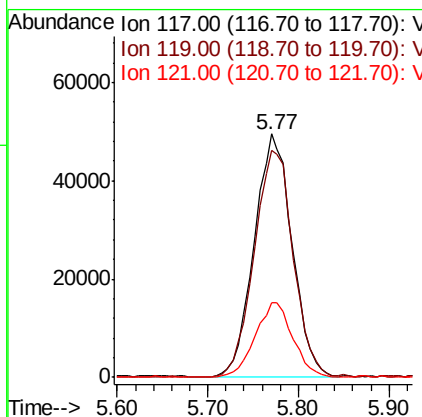
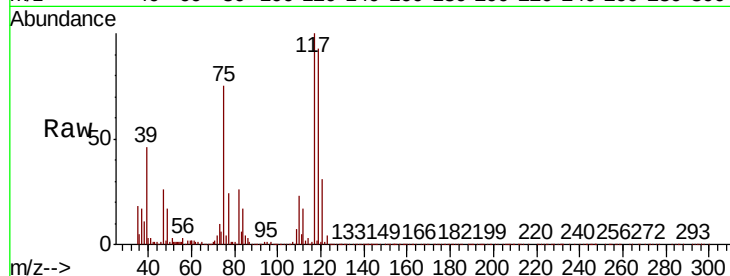




#33
Carbon Tetrachloride
Concen: 20.307 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

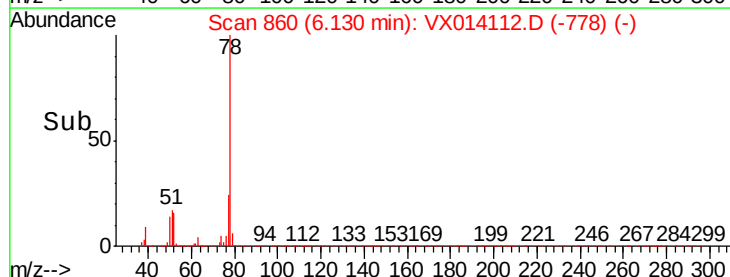
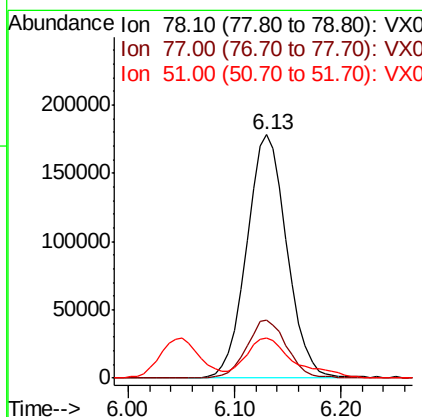
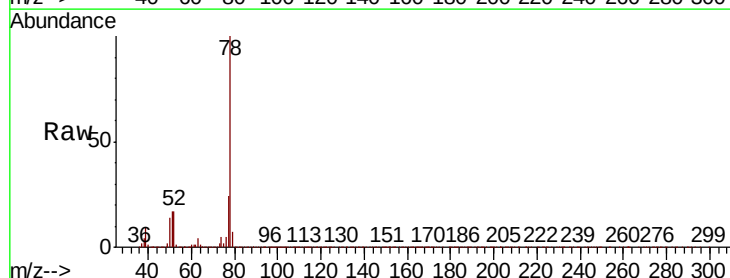
Instrument :
MSVOA_X
ClientSampleId :

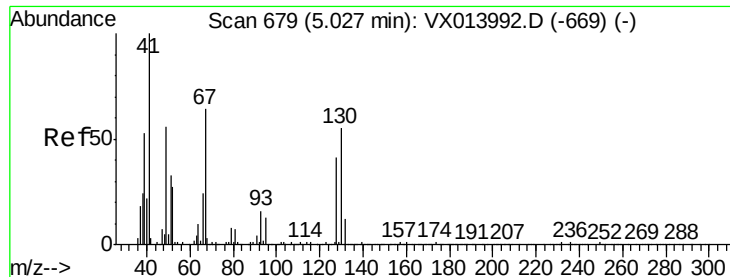
Tot Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.2	115.8
121	30.5	24.8	37.2



#34
Benzene
Concen: 20.180 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2
51	14.2	12.4	18.6

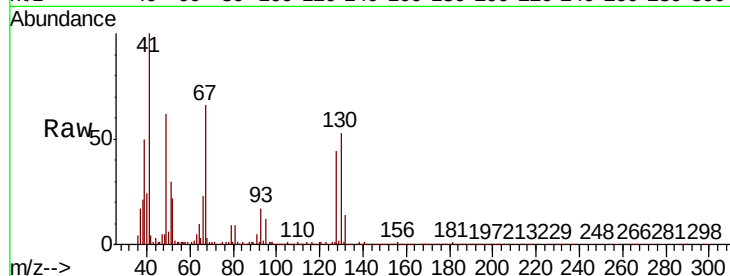




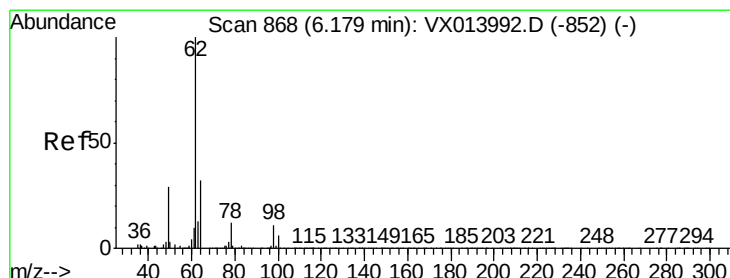
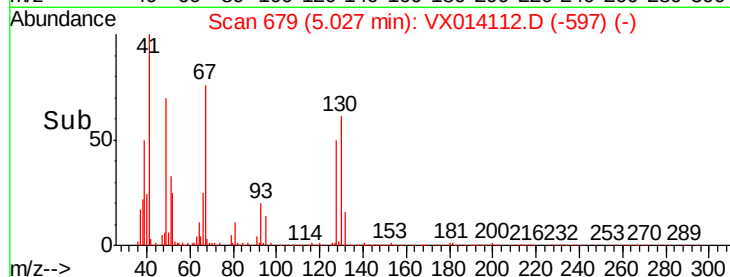
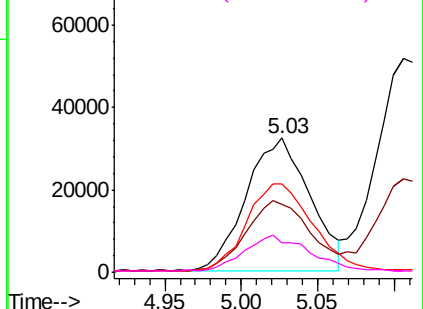
#35
Methacrylonitrile
Concen: 19.619 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	92806
Ion	Ratio	Lower	Upper
41	100		
39	49.8	26.7	80.1
67	66.3	31.5	94.5
52	20.5	12.8	38.4

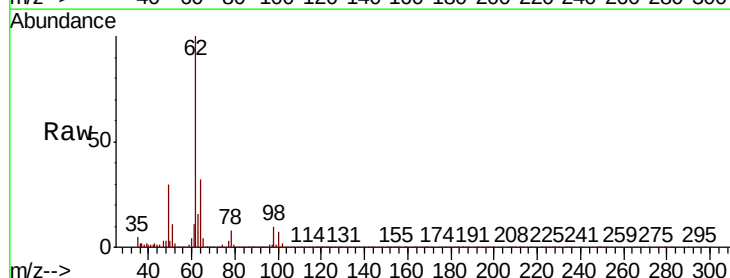


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

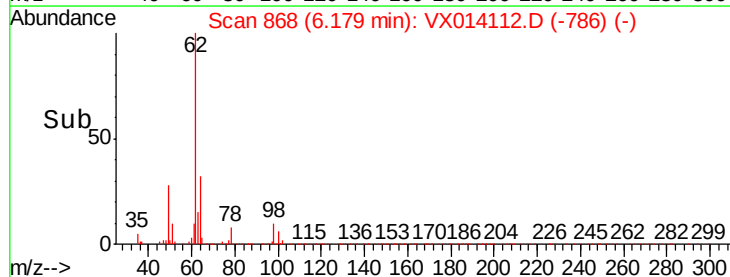
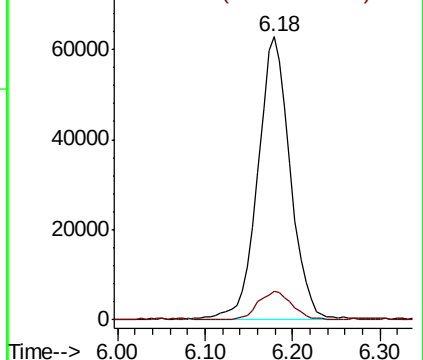


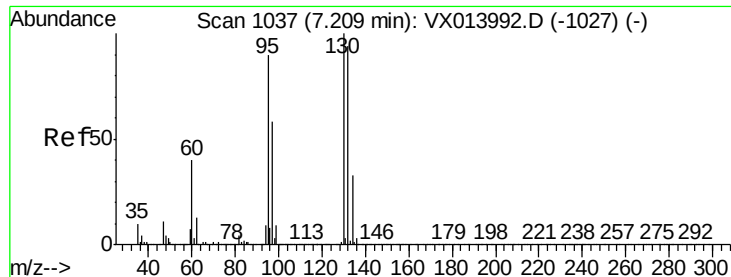
#36
1,2-Dichloroethane
Concen: 19.933 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:	62	Resp:	161103
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.4	12.6



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

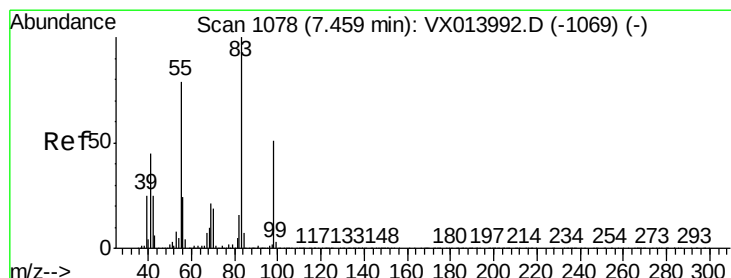
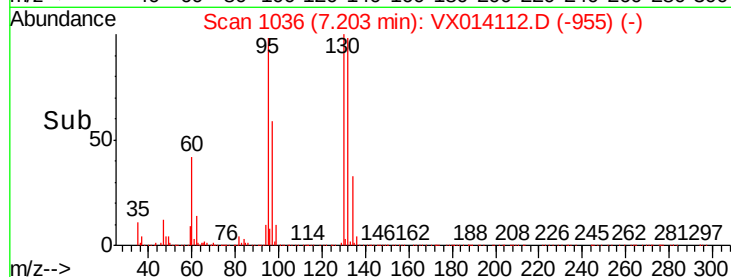
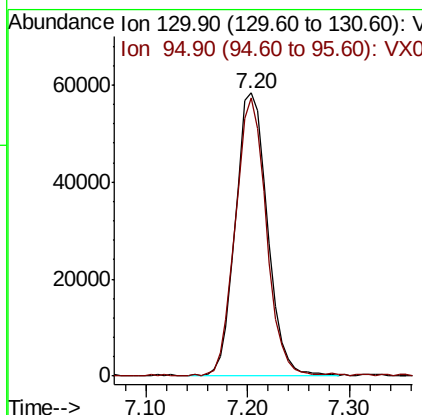
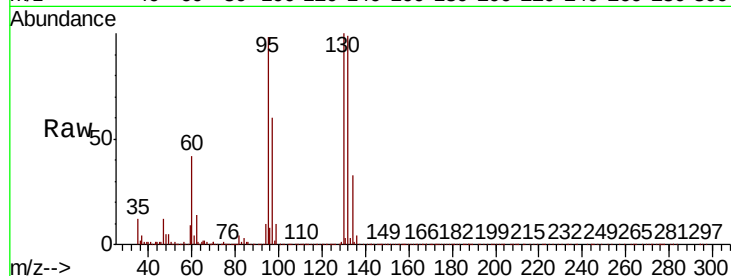




#37
 Trichloroethene
 Concen: 19.919 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

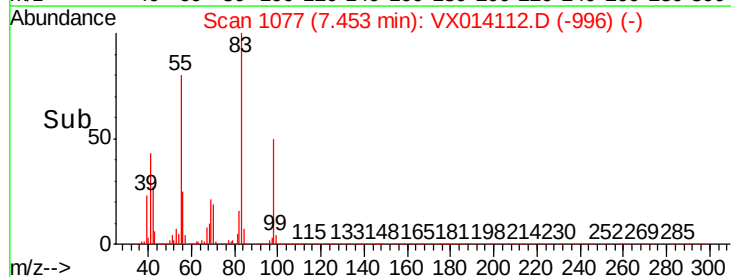
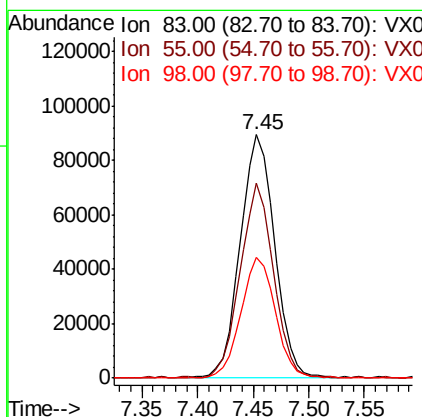
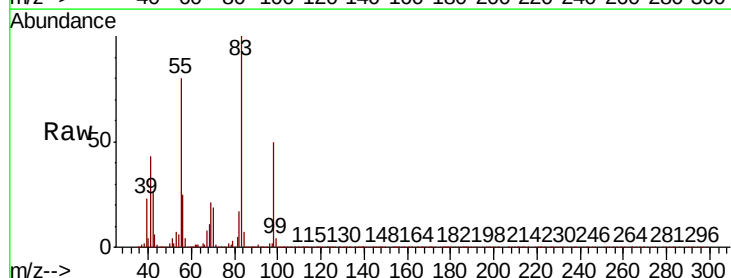
Instrument :
 MSVOA_X
 ClientSampleId :

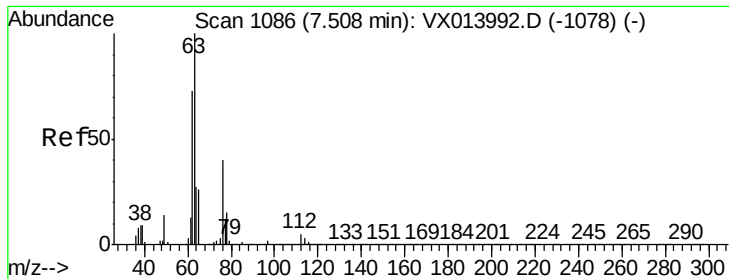
Tot Ion:130 Resp: 126105
 Ion Ratio Lower Upper
 130 100
 95 98.1 71.7 107.5



#38
 Methylcyclohexane
 Concen: 21.551 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion: 83 Resp: 191822
 Ion Ratio Lower Upper
 83 100
 55 77.0 39.4 118.1
 98 49.7 25.1 75.3

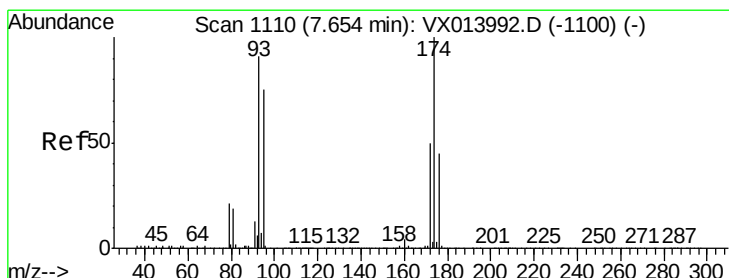
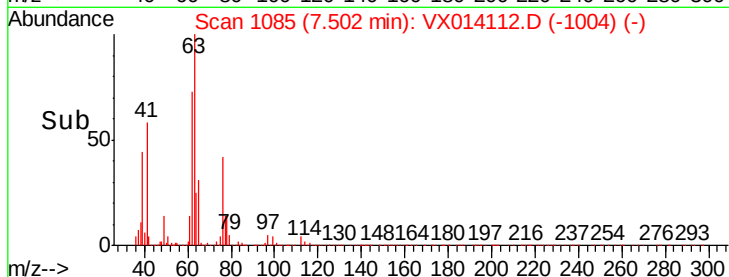
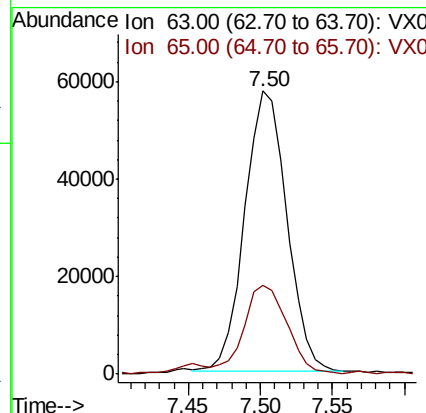
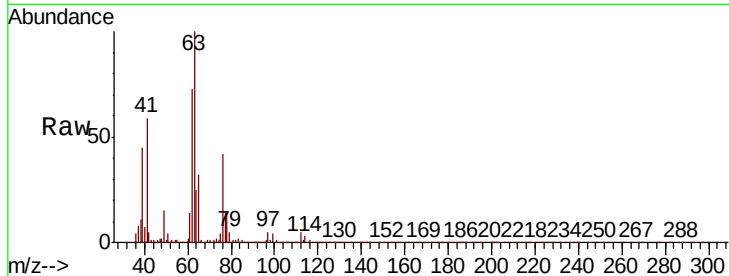




#39
 1,2-Dichloropropane
 Concen: 19.240 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

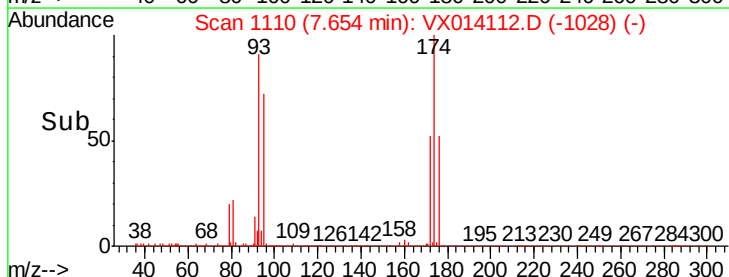
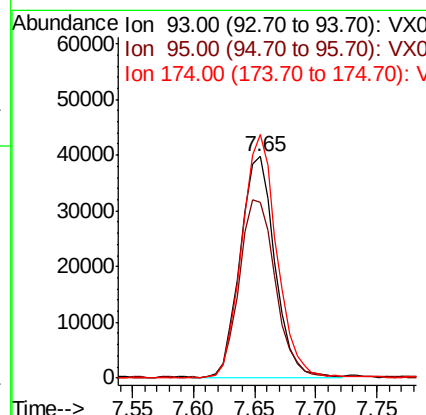
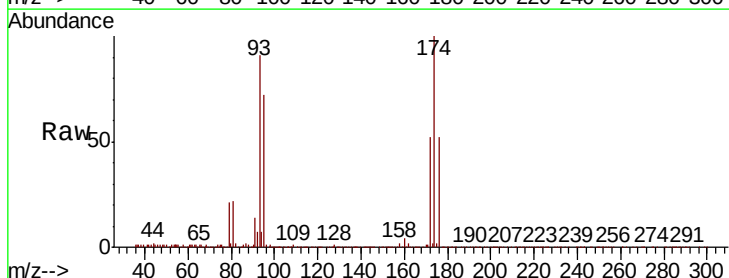
Instrument :
 MSVOA_X
 ClientSampleId :

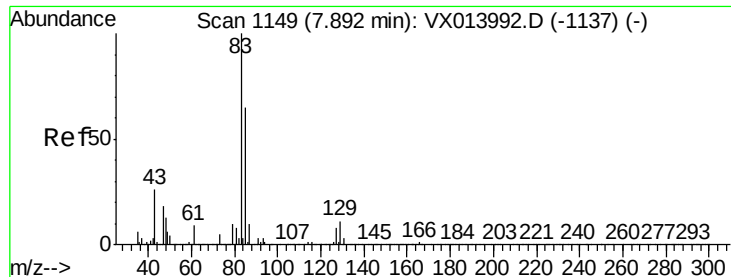
Tot Ion: 63 Resp: 116269
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.1 33.1



#40
 Dibromomethane
 Concen: 20.412 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion: 93 Resp: 78798
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 164.4
 174 110.3 0.0 228.8





#41

Bromodichloromethane

Concen: 19.814 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampled :

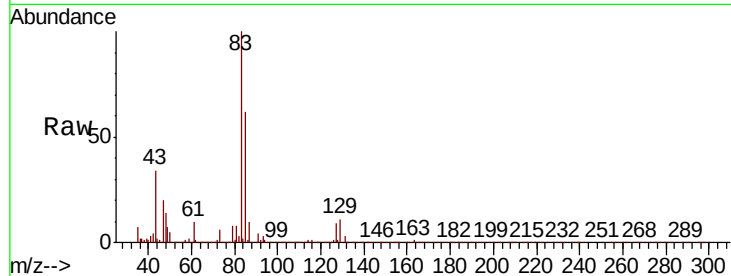
Tot Ion: 83 Resp: 148109

Ion Ratio Lower Upper

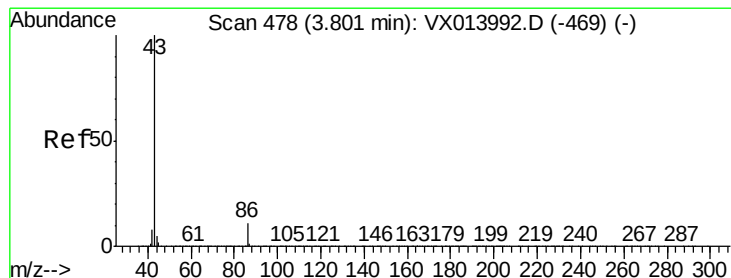
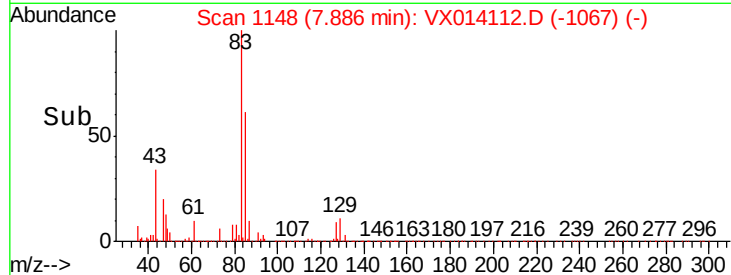
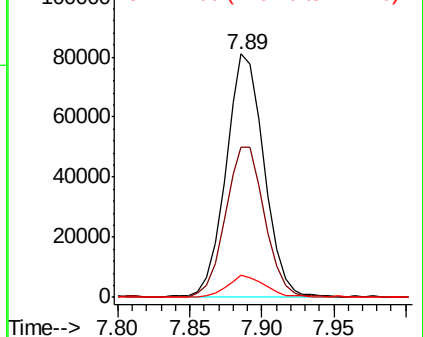
83 100

85 61.3 51.6 77.4

127 9.0 6.0 9.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 103.659 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014112.D

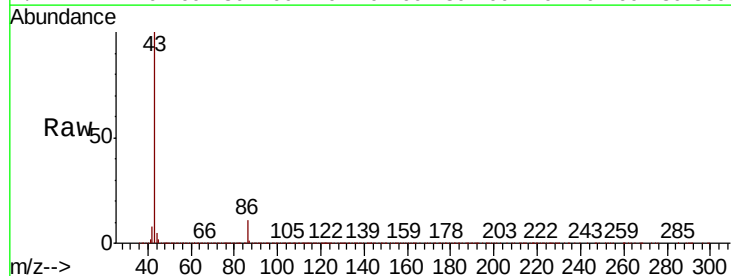
Acq: 19 Dec 2019 11:07

Tgt Ion: 43 Resp: 1609619

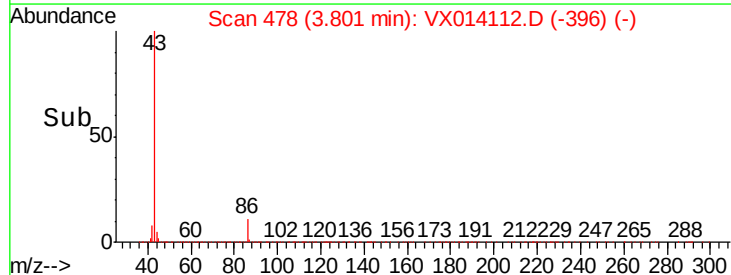
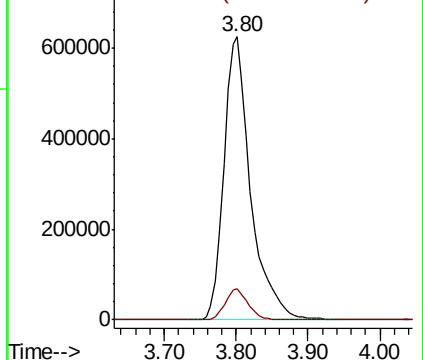
Ion Ratio Lower Upper

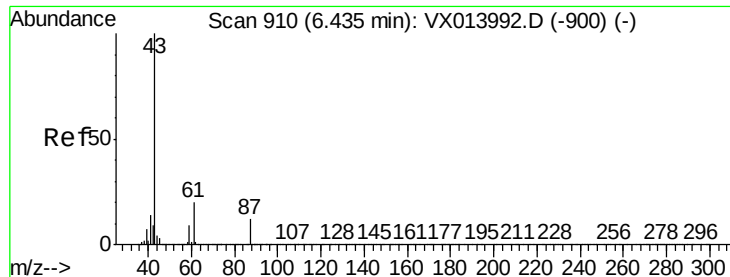
43 100

86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



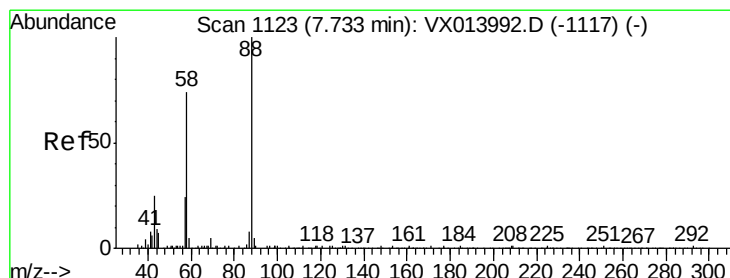
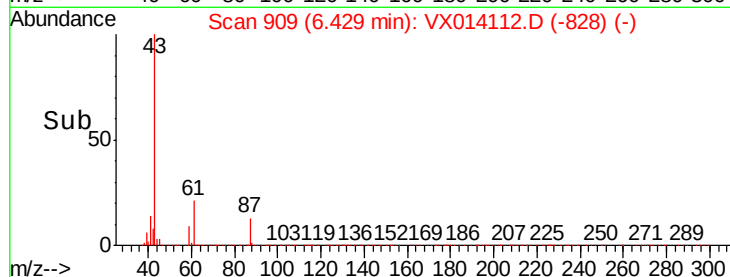
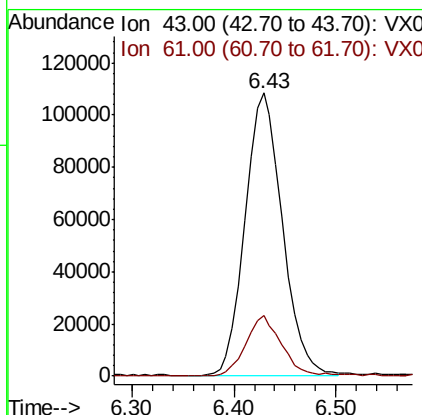
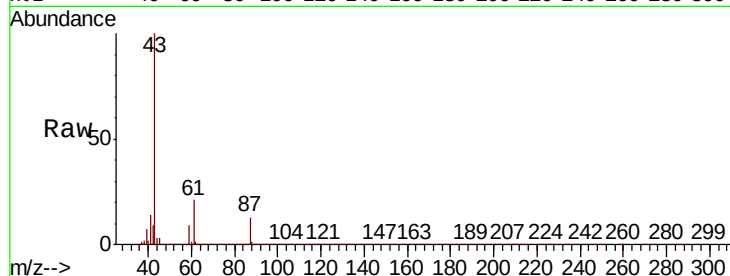


#44

Isopropyl Acetate
 Concen: 19.470 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

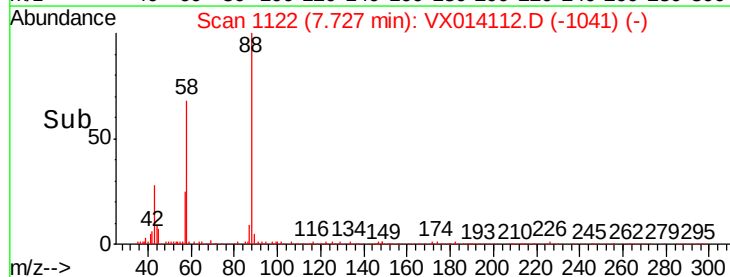
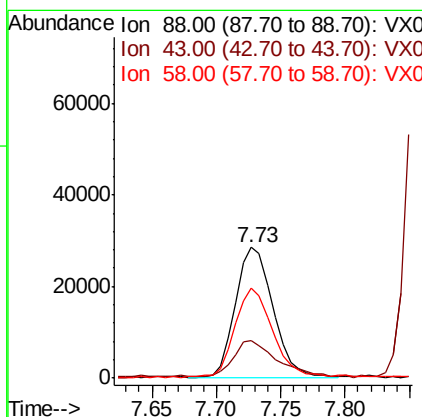
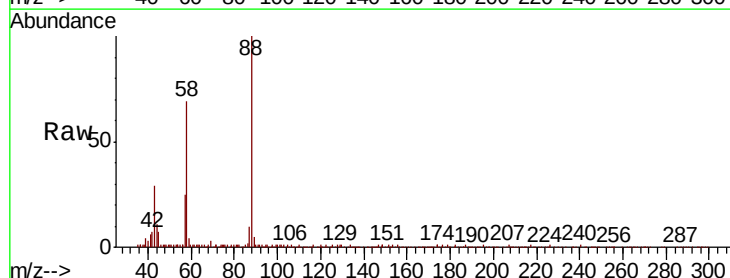
Tot Ion: 43 Resp: 275207
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.9 23.9

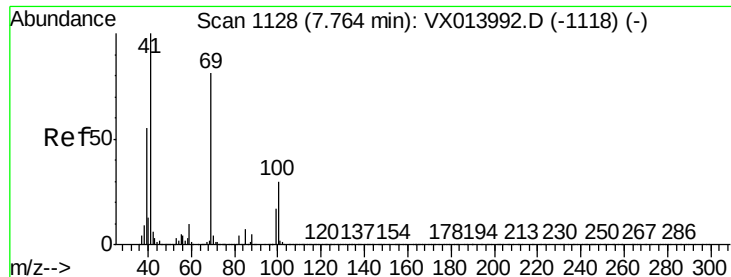


#45

1,4-Dioxane
 Concen: 433.776 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion: 88 Resp: 57417
 Ion Ratio Lower Upper
 88 100
 43 31.9 25.4 38.2
 58 68.5 56.5 84.7

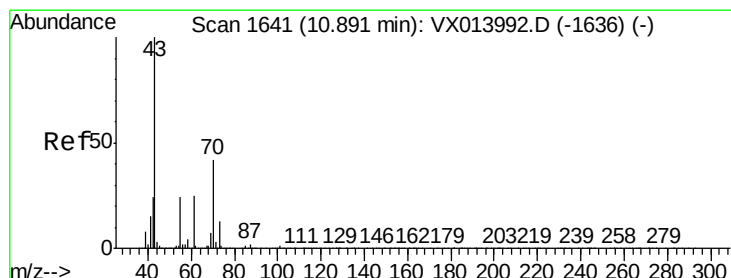
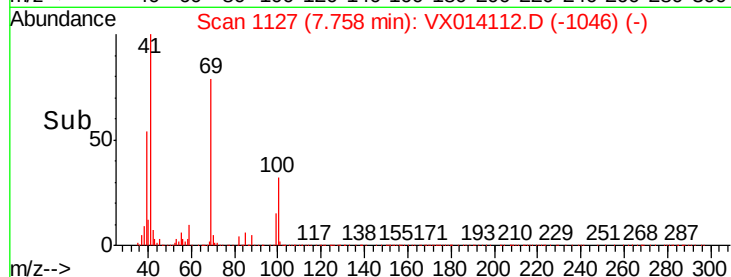
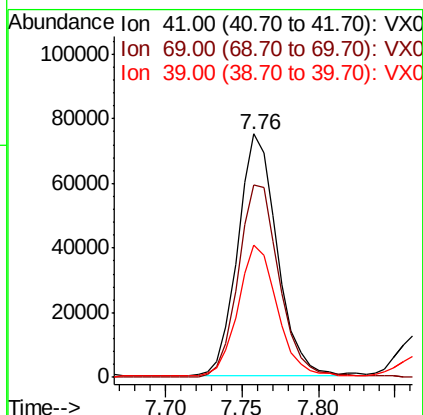
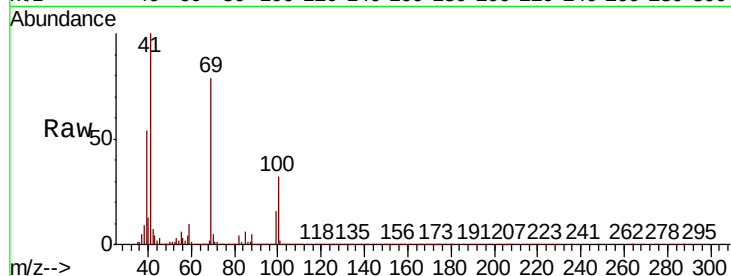




#46
Methyl methacrylate
Concen: 19.504 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

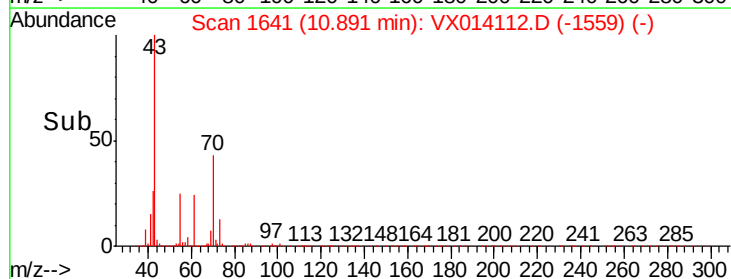
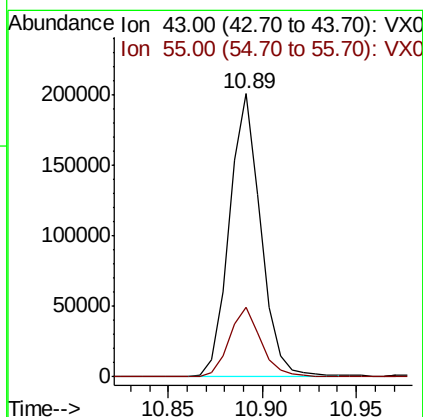
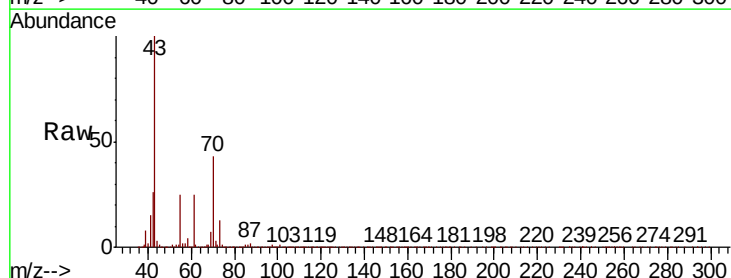
Instrument :
MSVOA_X
ClientSampleId :

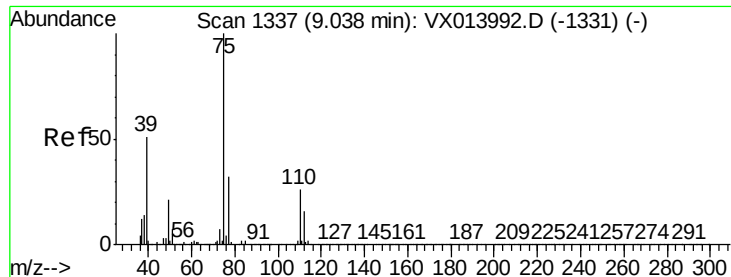
Tot Ion: 41 Resp: 133905
Ion Ratio Lower Upper
41 100
69 79.4 40.6 122.0
39 54.1 27.8 83.3



#47
n-amyl Acetate
Concen: 18.256 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 43 Resp: 229447
Ion Ratio Lower Upper
43 100
55 25.0 19.4 29.2

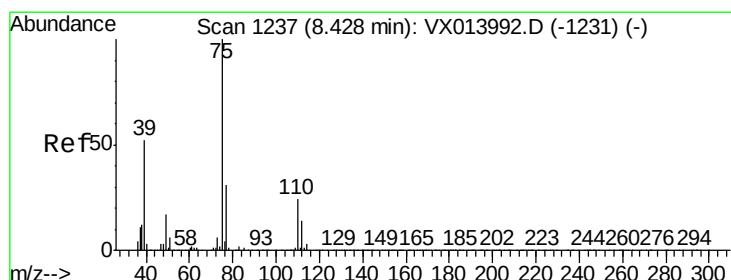
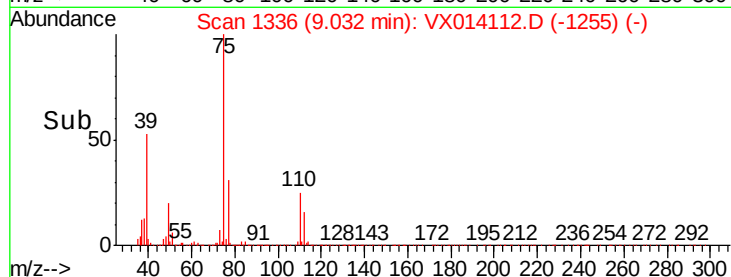
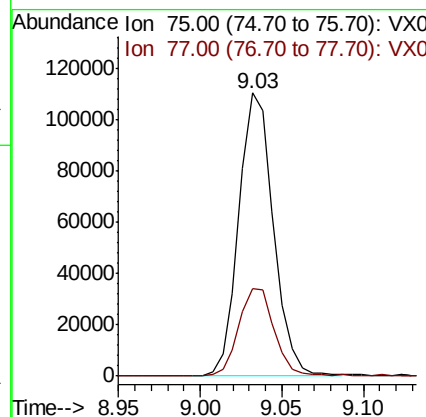
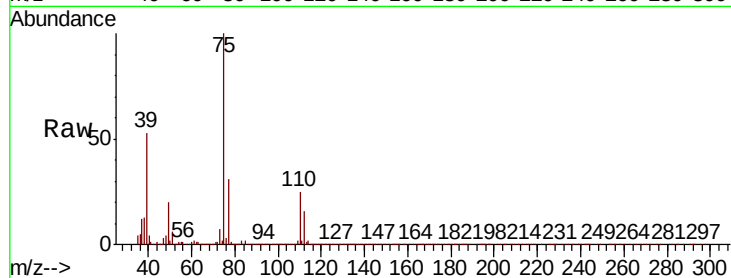




#48
 t-1,3-Dichloropropene
 Concen: 19.955 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

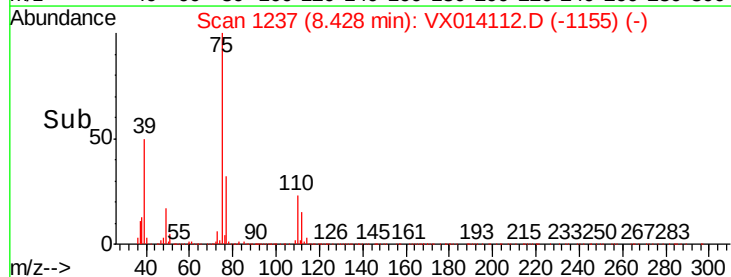
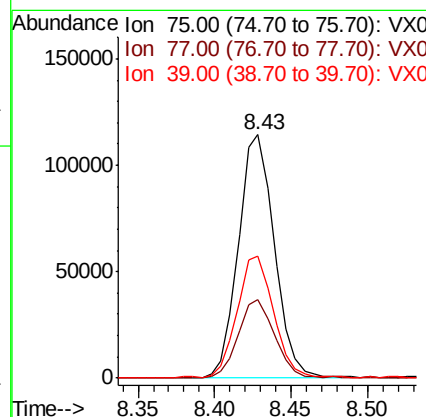
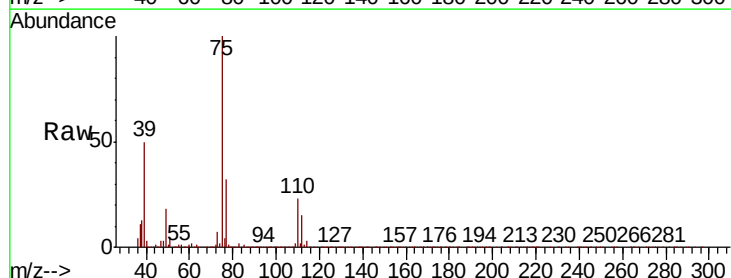
Instrument :
 MSVOA_X
 ClientSampled :

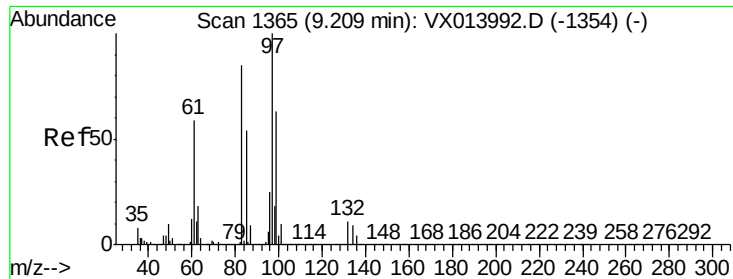
Tot Ion: 75 Resp: 162801
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.0 39.0



#49
 cis-1,3-Dichloropropene
 Concen: 20.216 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion: 75 Resp: 185476
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 49.9 41.1 61.7

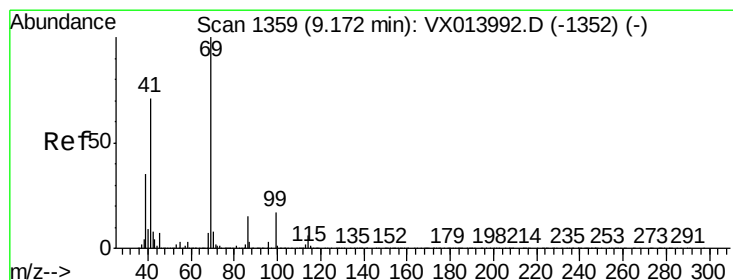
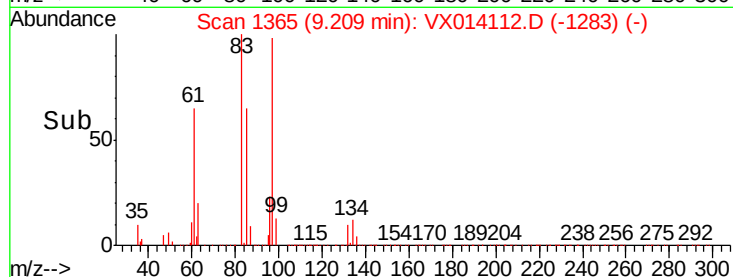
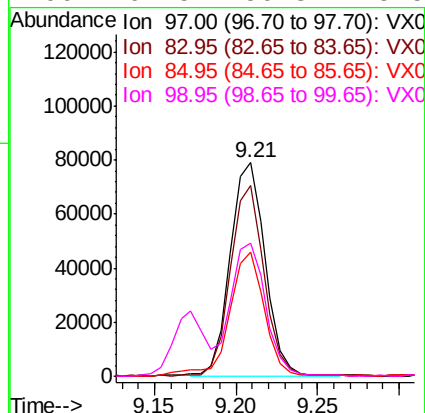
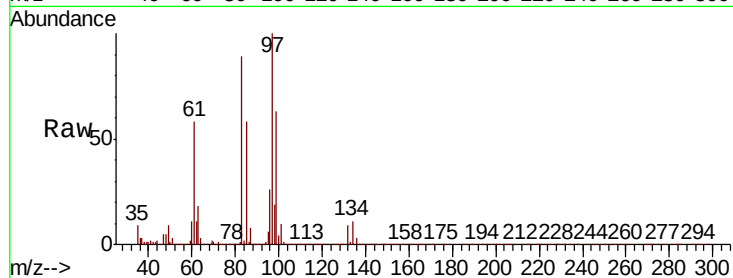




#50
1,1,2-Trichloroethane
Concen: 19.671 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

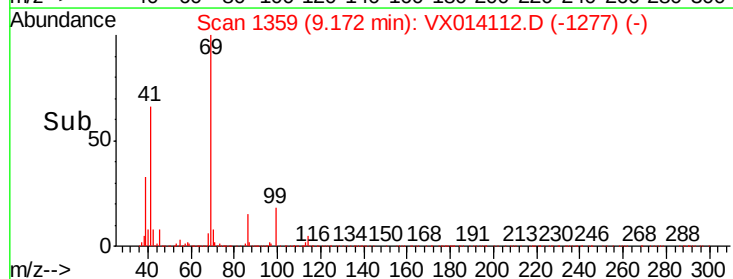
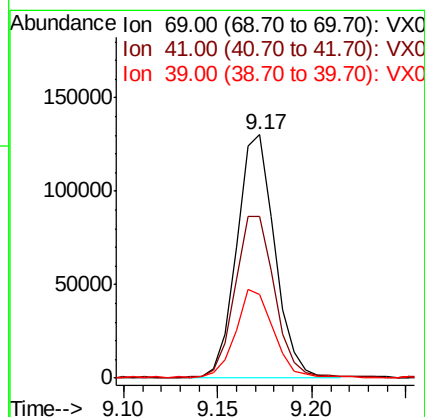
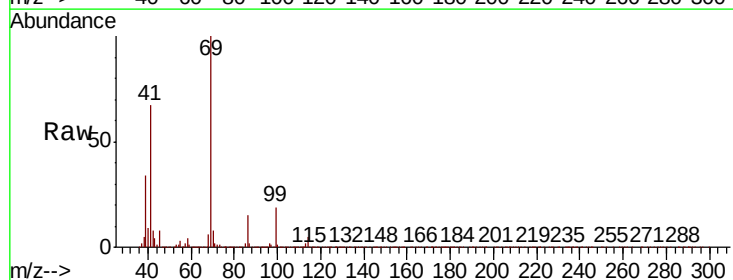
Instrument :
MSVOA_X
ClientSampleId :

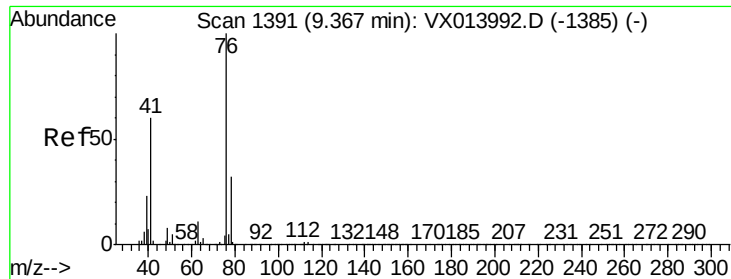
Tot Ion:	97	Resp:	117194
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.1	102.1
85	57.8	42.7	64.1
99	62.5	50.3	75.5



#51
Ethyl methacrylate
Concen: 19.124 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:	69	Resp:	181234
Ion	Ratio	Lower	Upper
69	100		
41	66.2	35.4	106.1
39	34.0	17.8	53.3





#52

1,3-Dichloropropane

Concen: 19.918 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

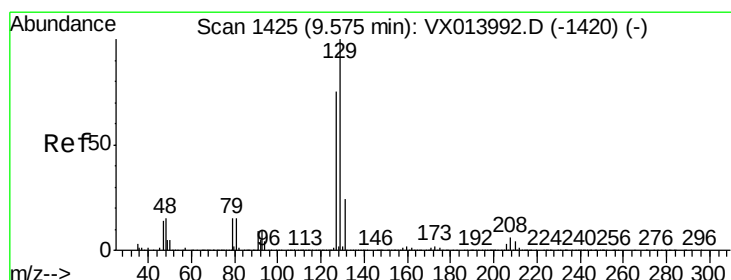
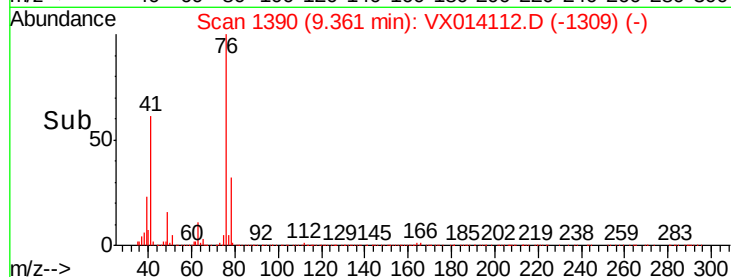
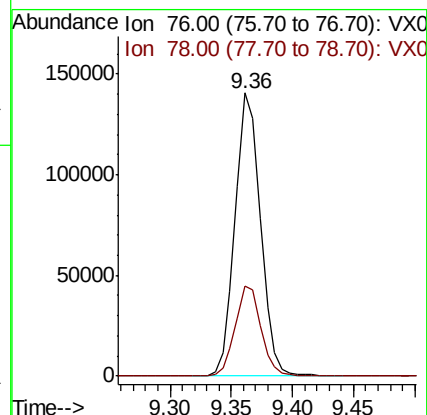
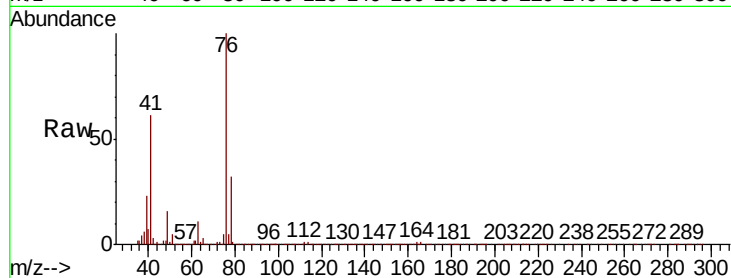
ClientSampleId :

Tot Ion: 76 Resp: 201610

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.4



#53

Dibromochloromethane

Concen: 19.944 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014112.D

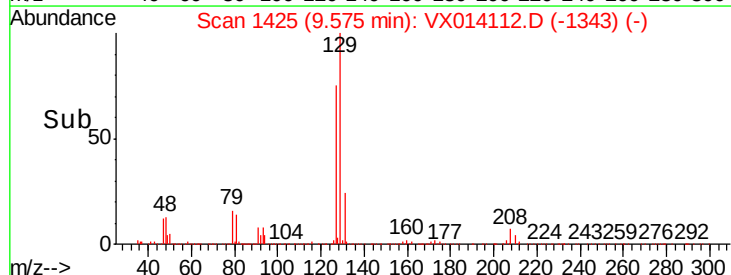
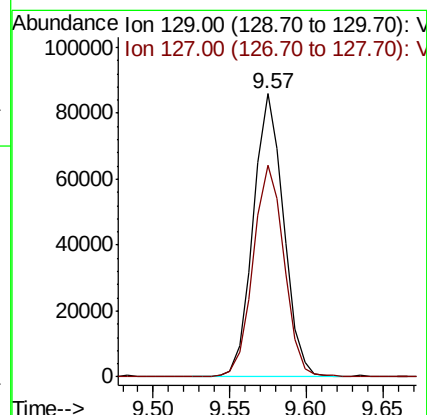
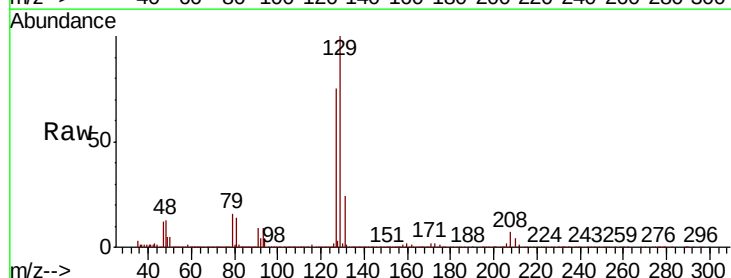
Acq: 19 Dec 2019 11:07

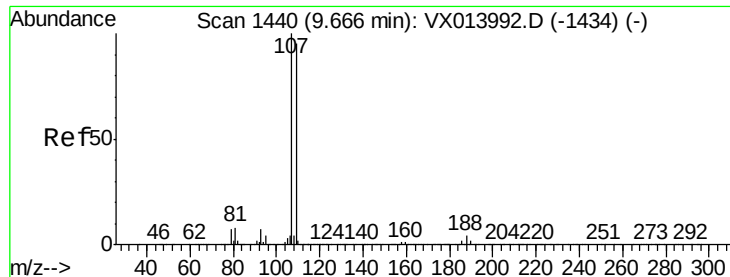
Tgt Ion: 129 Resp: 118814

Ion Ratio Lower Upper

129 100

127 76.4 39.1 117.5

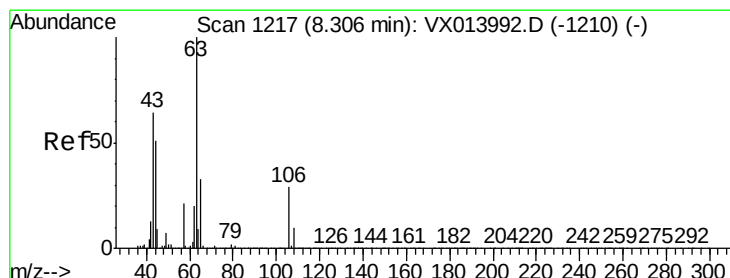
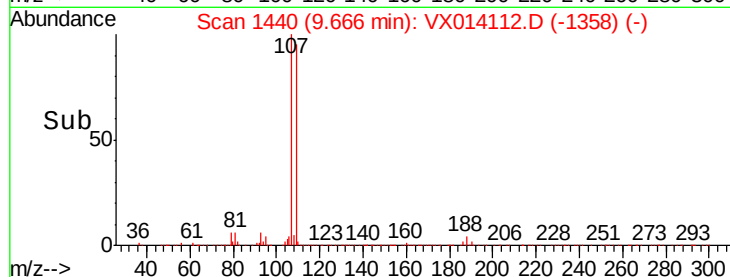
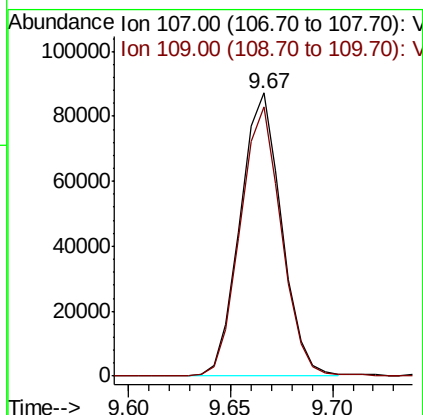
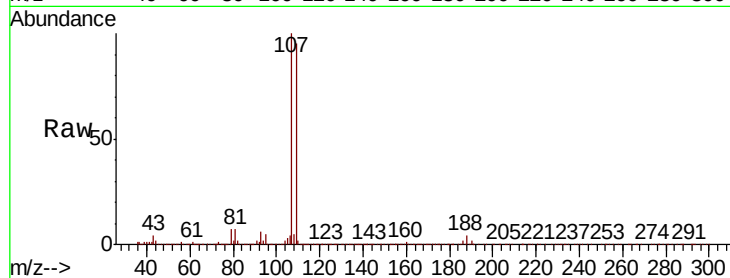




#54
 1,2-Dibromoethane
 Concen: 20.014 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

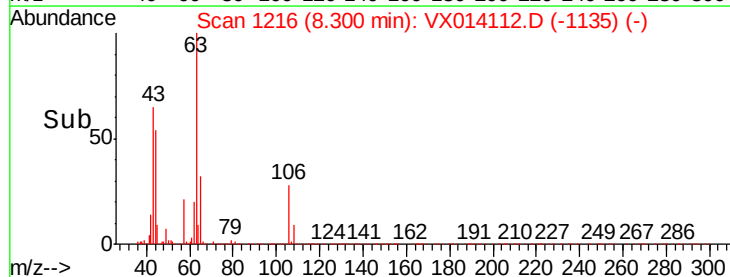
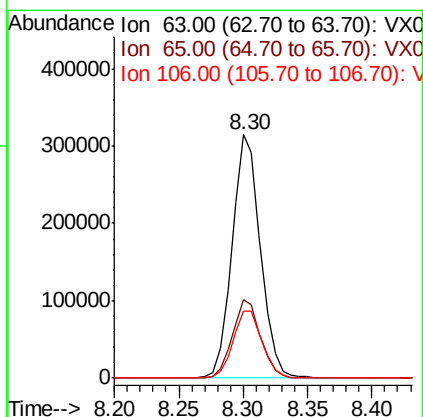
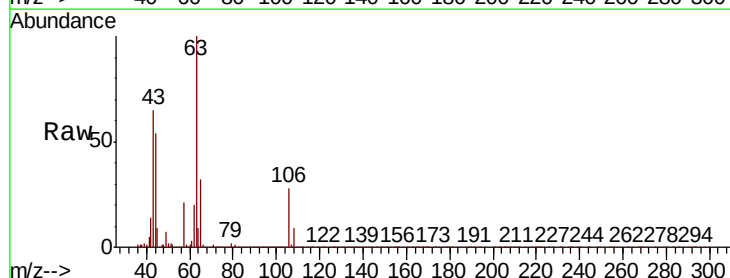
Instrument :
 MSVOA_X
 ClientSampleId :

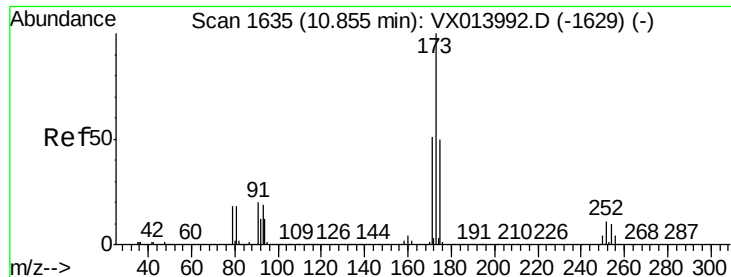
Tot Ion:107 Resp: 122771
 Ion Ratio Lower Upper
 107 100
 109 94.7 77.2 115.8



#55
 2-Chloroethyl vinyl ether
 Concen: 115.002 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion: 63 Resp: 480416
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.8 38.6
 106 28.5 22.9 34.3

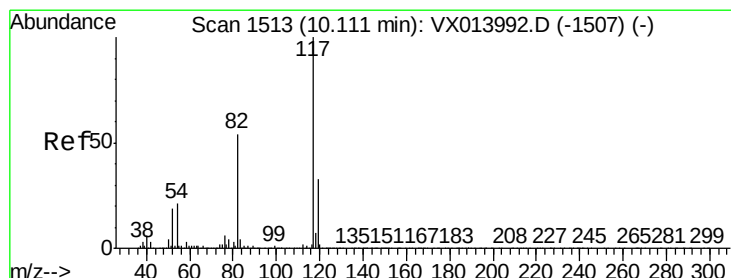
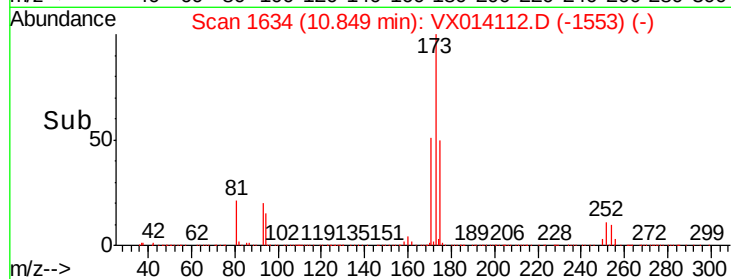
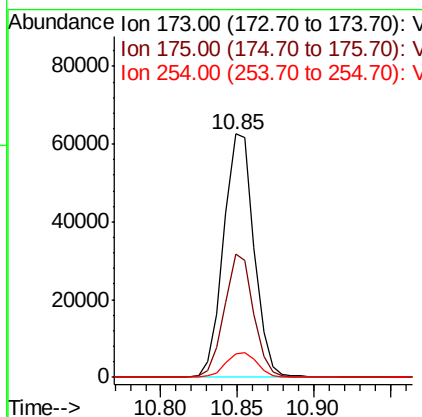
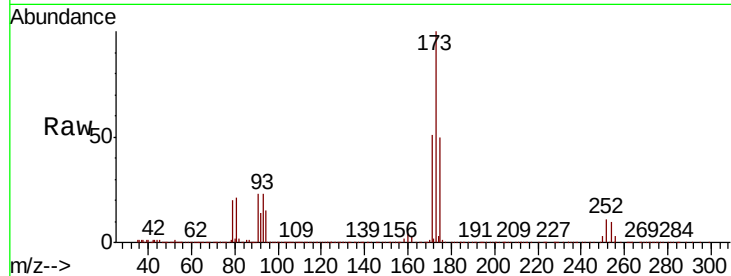




#56
Bromoform
Concen: 18.684 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

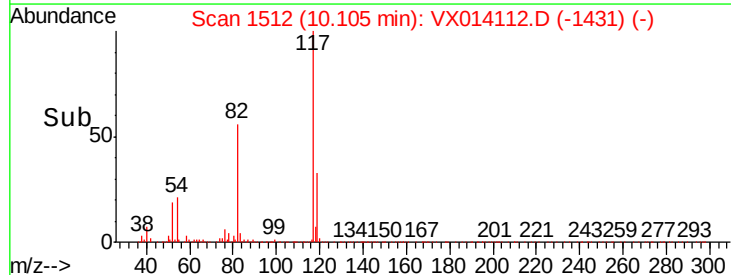
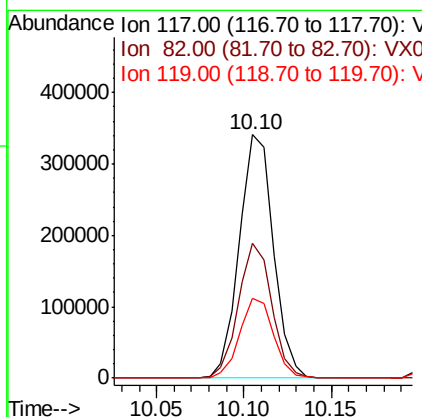
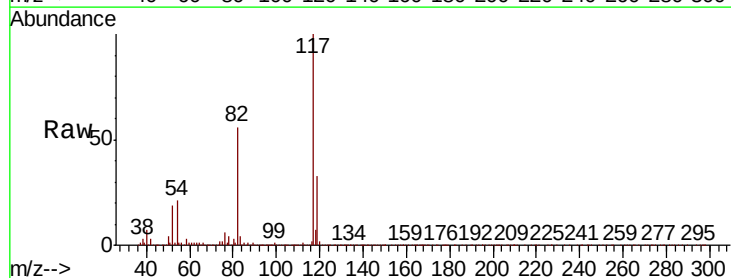
Instrument :
MSVOA_X
ClientSampleId :

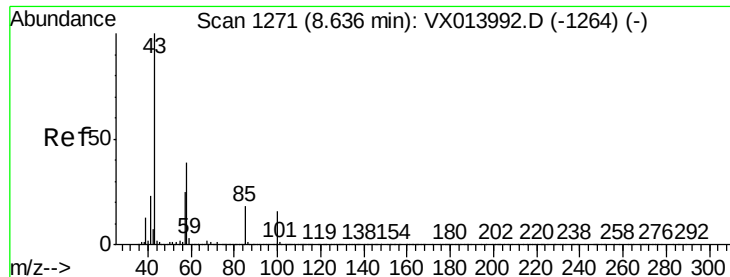
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.5	59.3
254	10.5	8.2	12.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.4	25.8	38.6

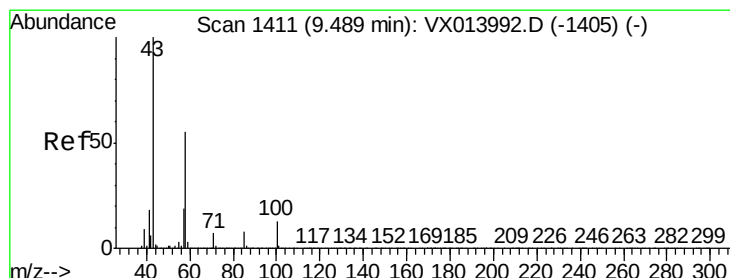
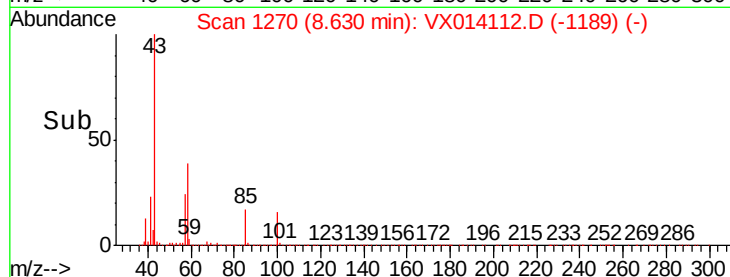
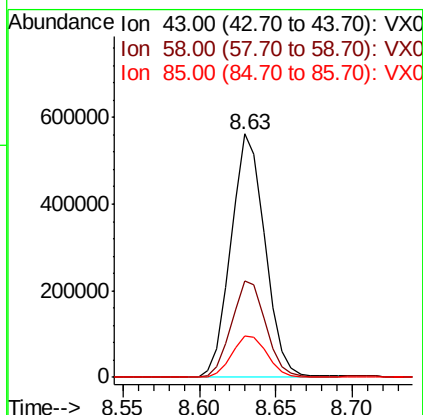
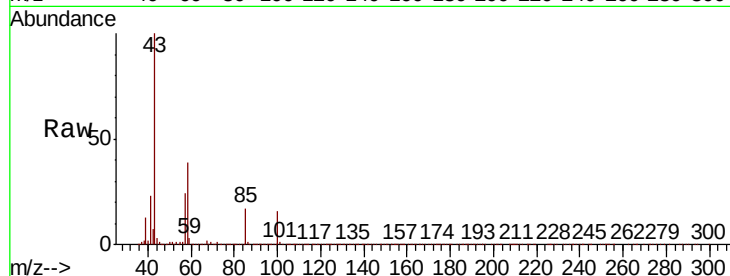




#58
 4-Methyl-2-Pentanone
 Concen: 100.370 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

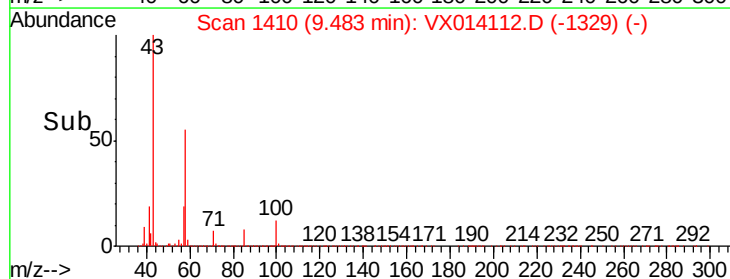
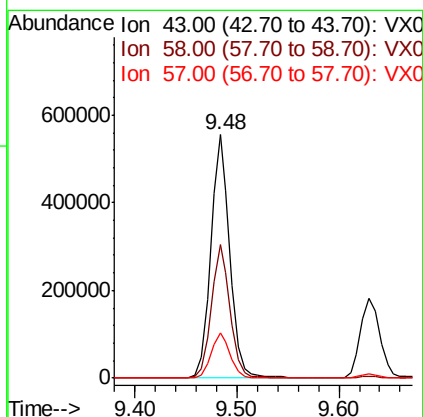
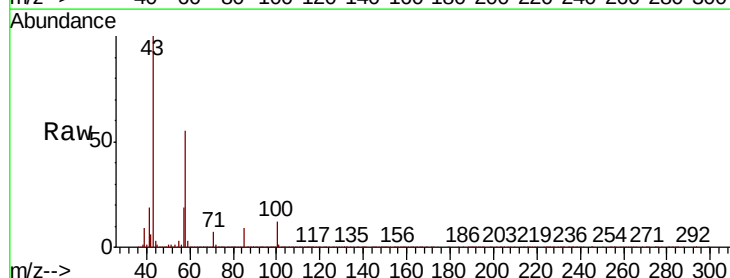
Instrument :
 MSVOA_X
 ClientSampleId :

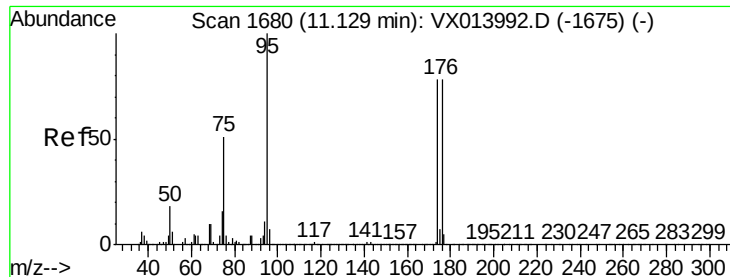
Tot Ion:	43	Resp:	869505
Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.5	14.2	21.2



#59
 2-Hexanone
 Concen: 109.860 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion:	43	Resp:	722251
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.6
57	18.7	15.4	23.0

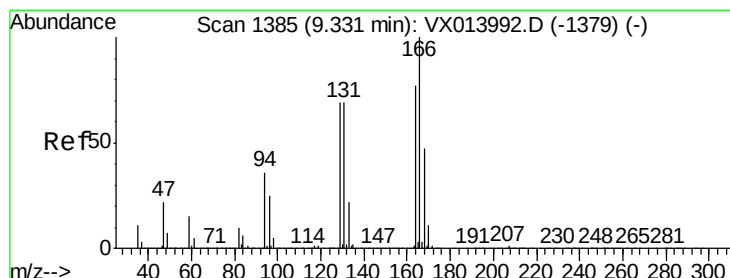
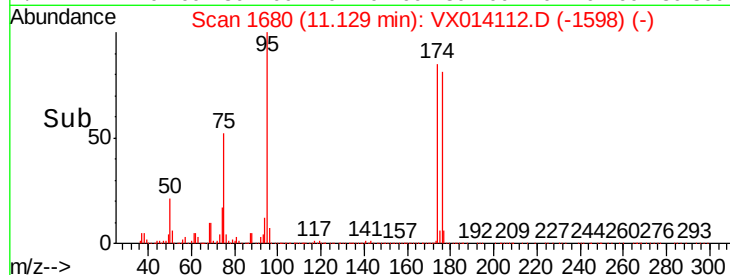
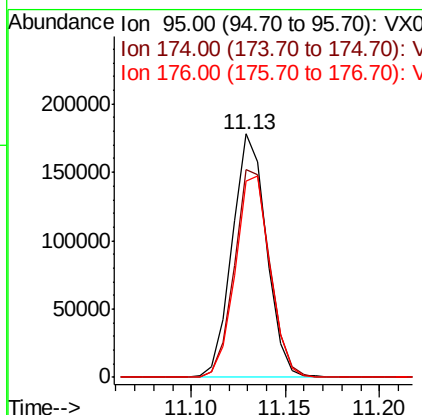
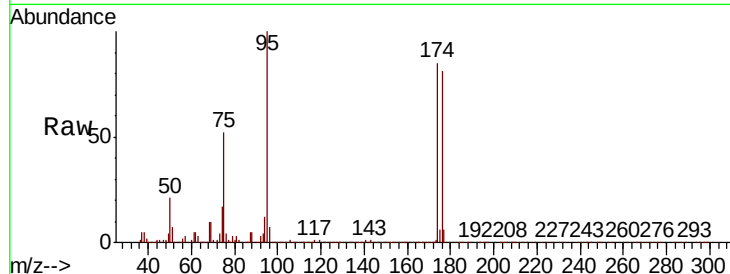




#60
4-Bromofluorobenzene
Concen: 30.054 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

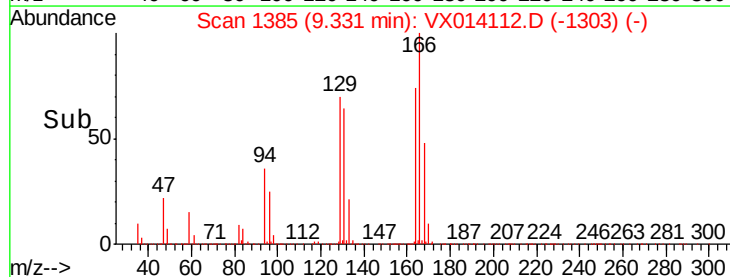
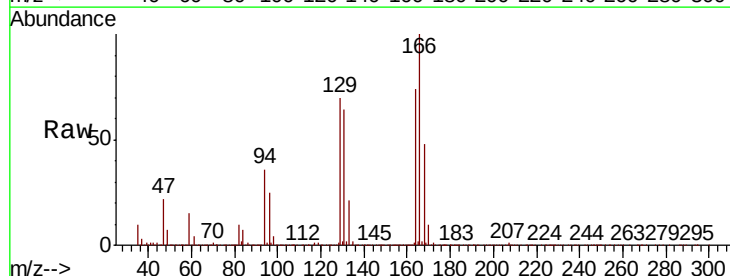
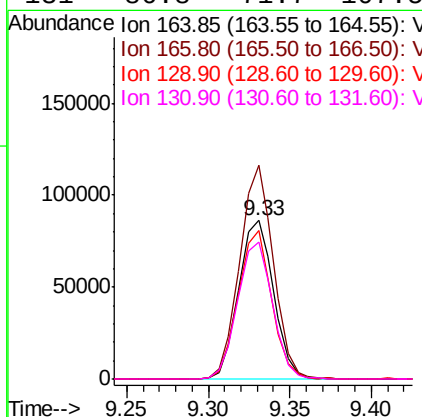
Instrument :
MSVOA_X
ClientSampleId :

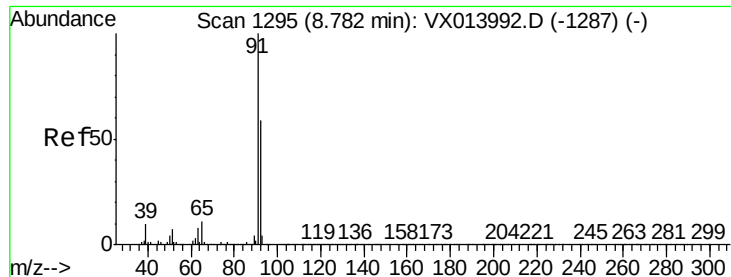
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	84.5	68.3	102.5



#61
Tetrachloroethene
Concen: 21.038 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.5	104.2	156.2
129	93.9	71.6	107.4
131	86.8	71.7	107.5





#62

Toluene

Concen: 20.576 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

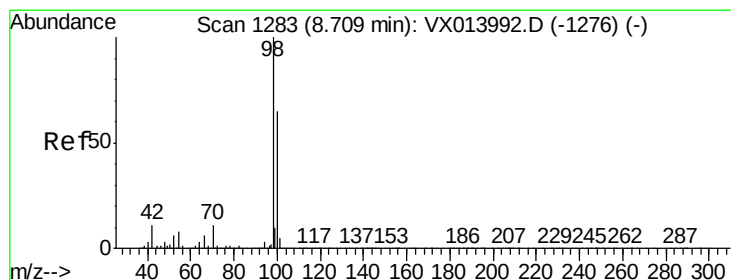
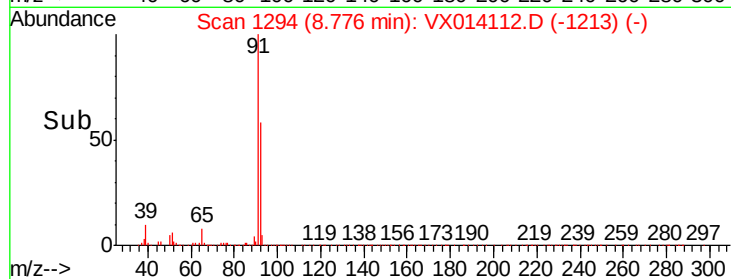
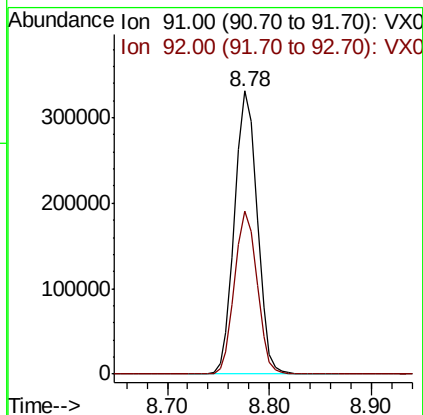
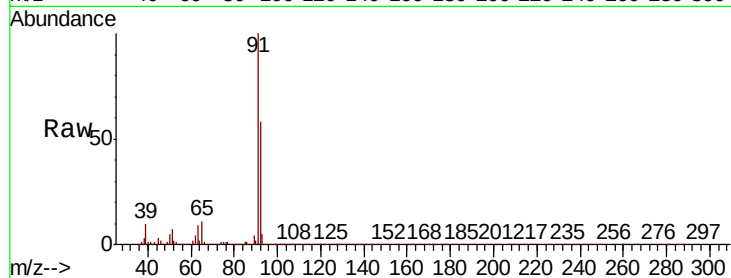
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 506687

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6



#63

Toluene-d8

Concen: 30.859 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014112.D

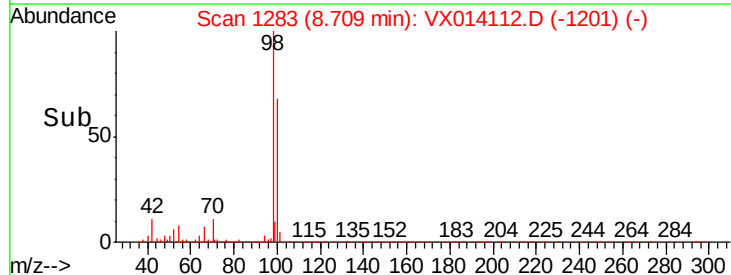
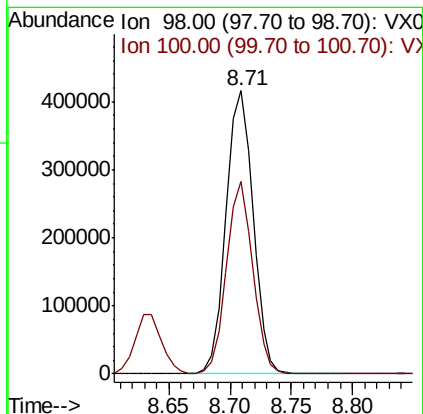
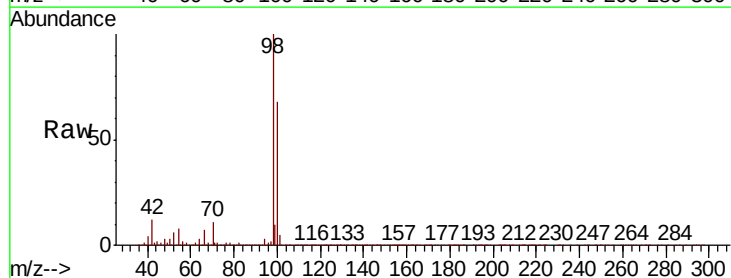
Acq: 19 Dec 2019 11:07

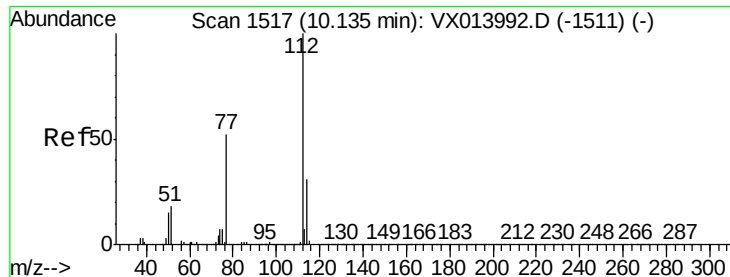
Tgt Ion: 98 Resp: 638652

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2

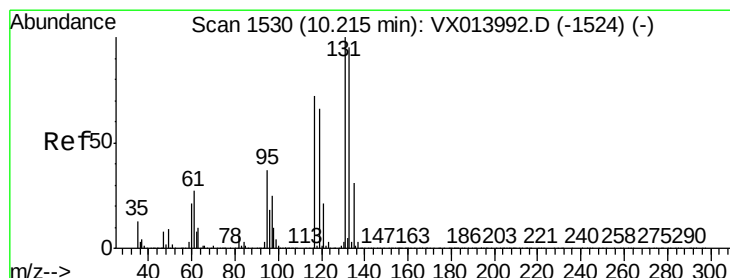
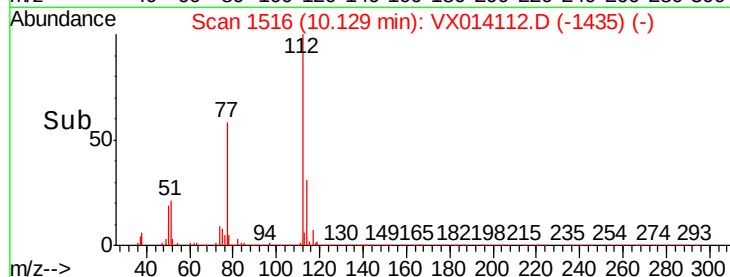
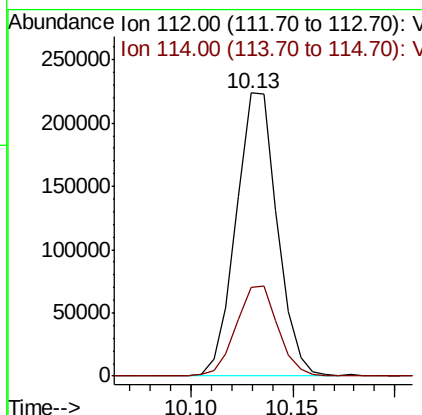
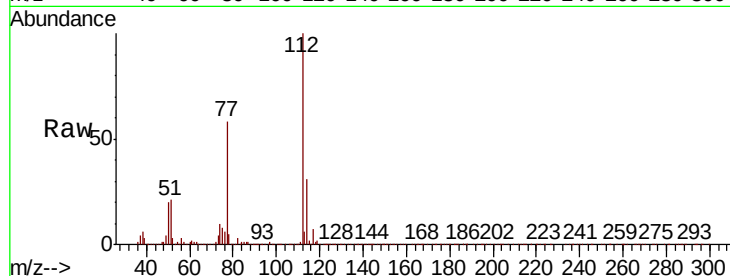




#64
Chlorobenzene
Concen: 20.323 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

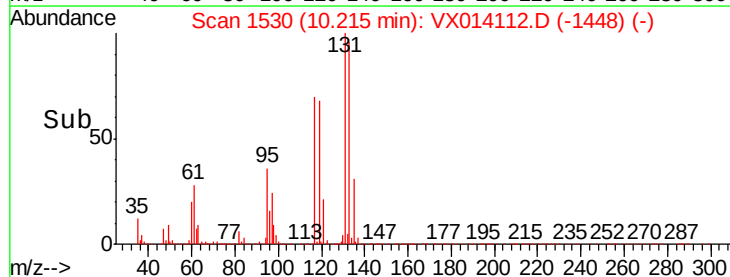
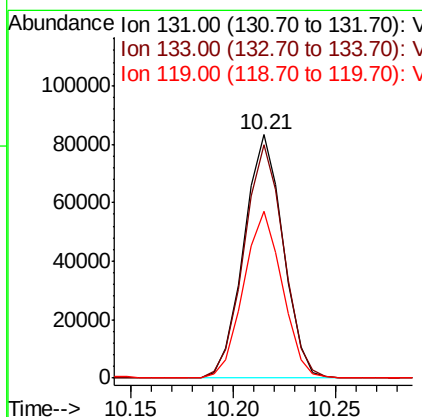
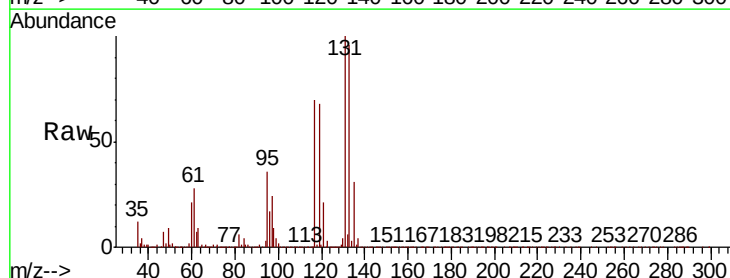
Instrument :
MSVOA_X
ClientSampleId :

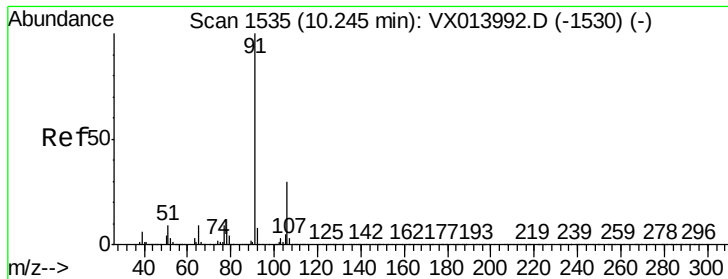
Tot Ion:112 Resp: 313537
Ion Ratio Lower Upper
112 100
114 31.4 24.4 36.6



#65
1,1,1,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:131 Resp: 111307
Ion Ratio Lower Upper
131 100
133 96.9 0.0 189.8
119 67.1 0.0 132.2





#66

Ethyl Benzene

Concen: 20.396 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

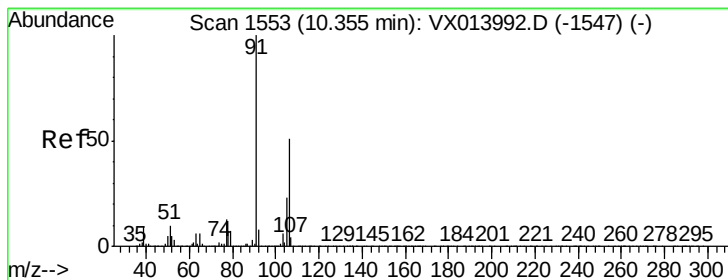
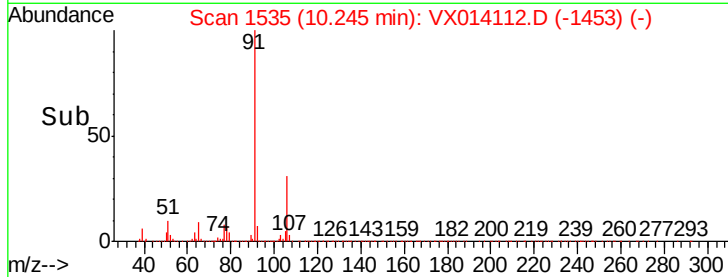
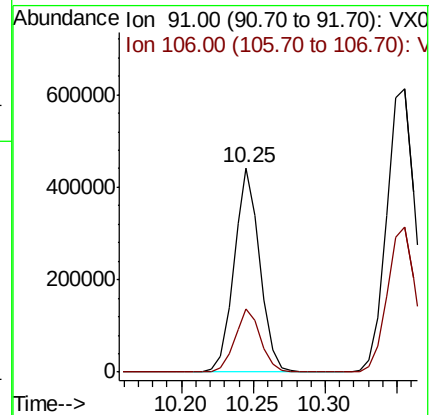
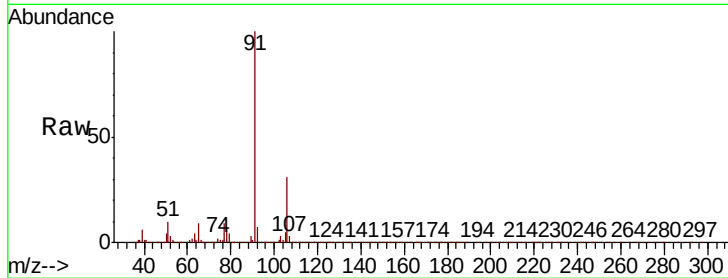
ClientSampleId :

Tot Ion: 91 Resp: 549646

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.2



#67

m/p-Xylenes

Concen: 41.074 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014112.D

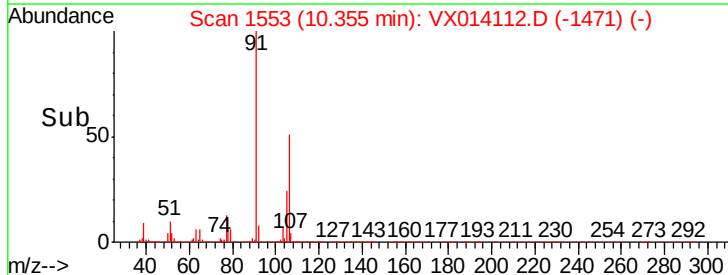
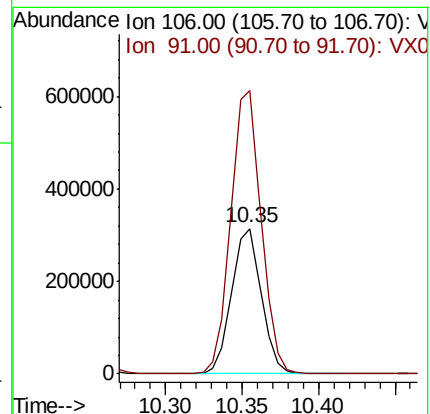
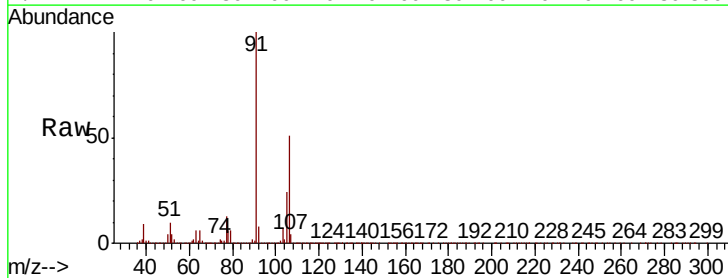
Acq: 19 Dec 2019 11:07

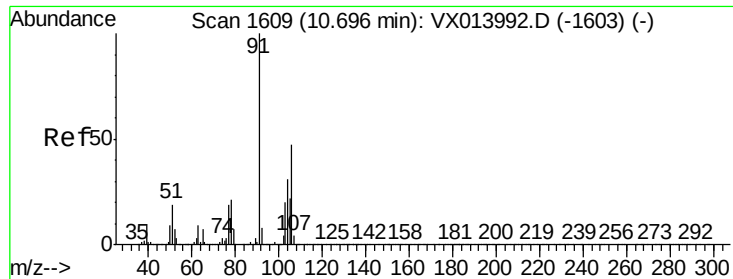
Tgt Ion: 106 Resp: 423132

Ion Ratio Lower Upper

106 100

91 198.6 159.3 238.9

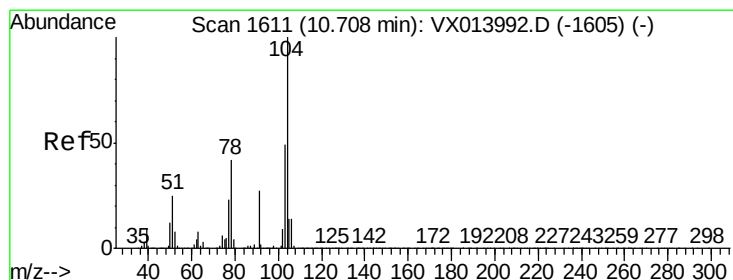
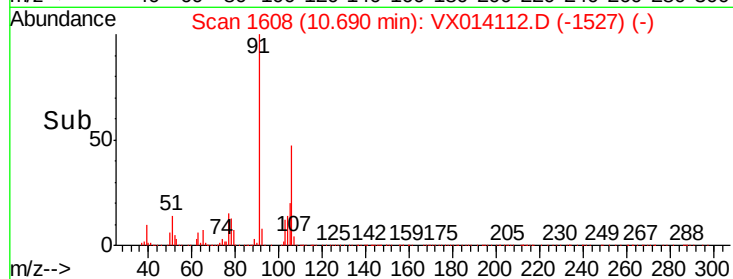
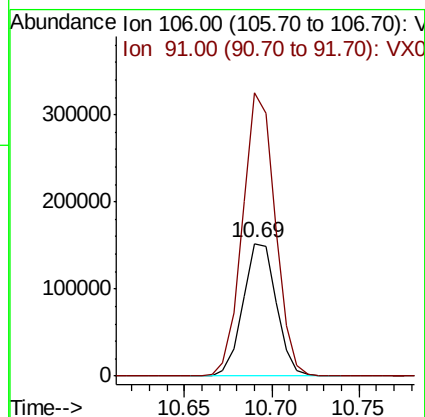
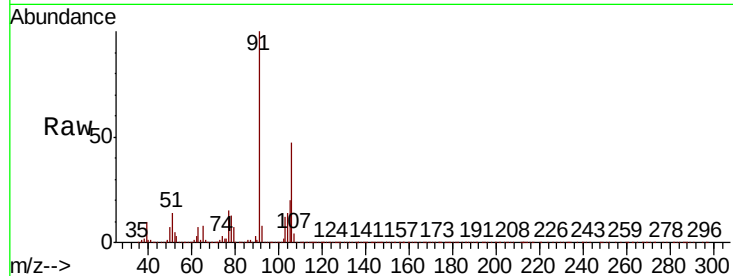




#68
o-Xylene
Concen: 19.788 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

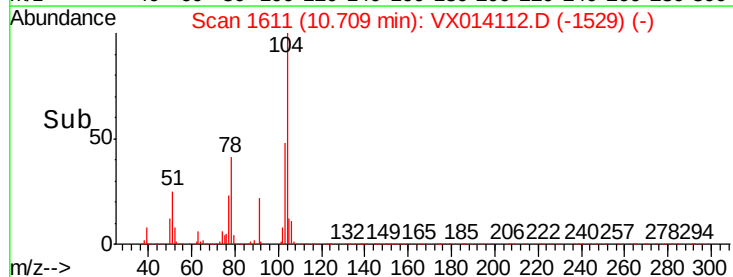
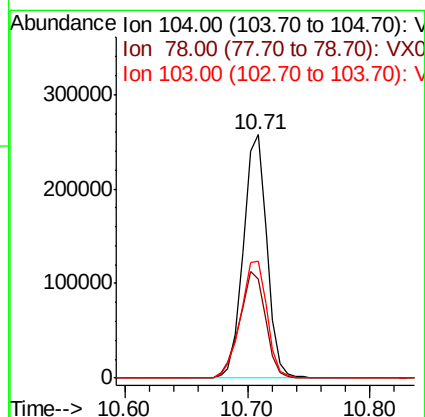
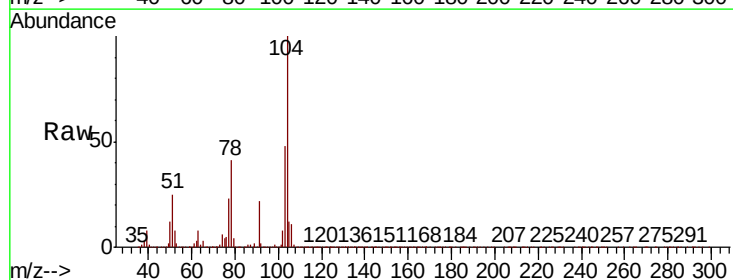
Instrument :
MSVOA_X
ClientSampleId :

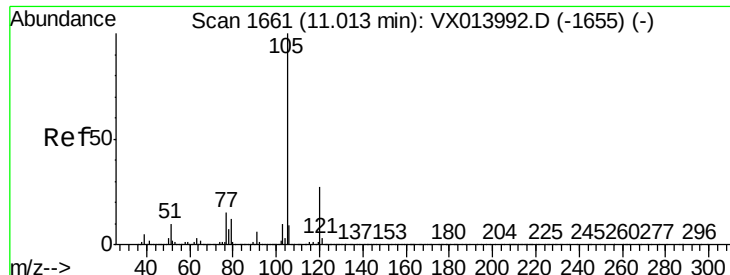
Tot Ion:106 Resp: 201941
Ion Ratio Lower Upper
106 100
91 208.6 104.8 314.6



#69
Styrene
Concen: 19.692 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:104 Resp: 341758
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 53.7 44.2 66.2





#70

Isopropylbenzene

Concen: 20.402 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

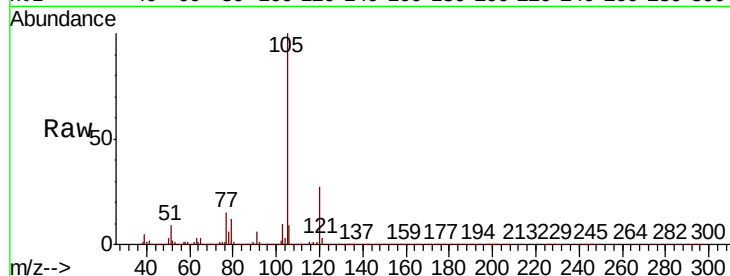
ClientSampleId :

Tot Ion:105 Resp: 538045

Ion Ratio Lower Upper

105 100

120 27.1 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

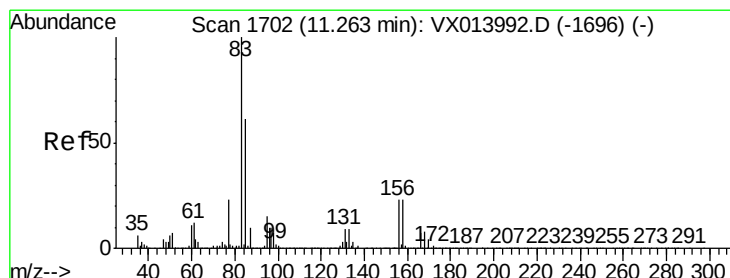
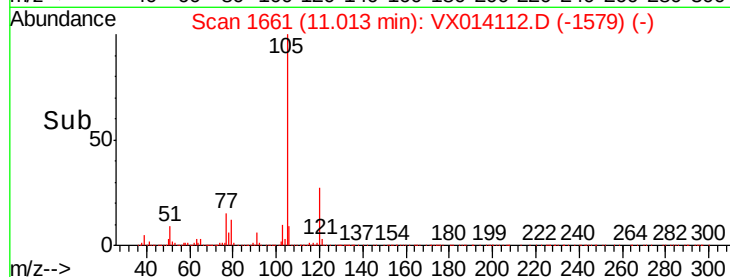
300000

200000

100000

0

Time--> 10.95 11.00 11.05



#71

1,1,2,2-Tetrachloroethane

Concen: 18.822 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

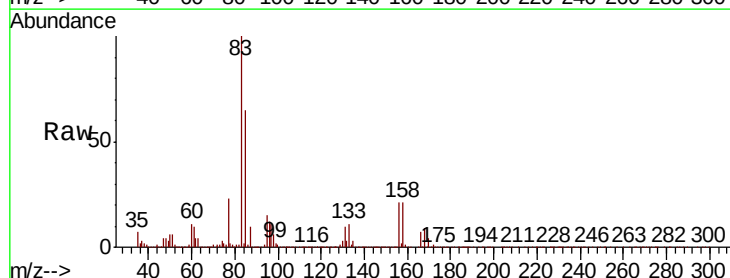
Tgt Ion: 83 Resp: 176037

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 64.8 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.26

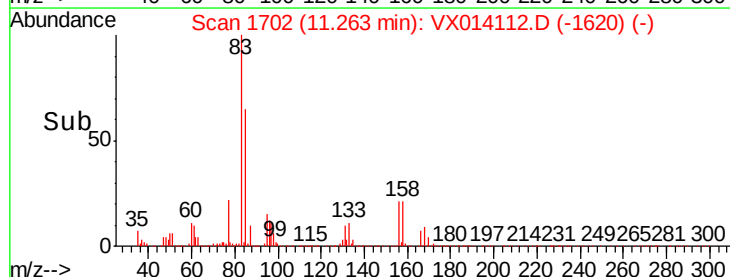
150000

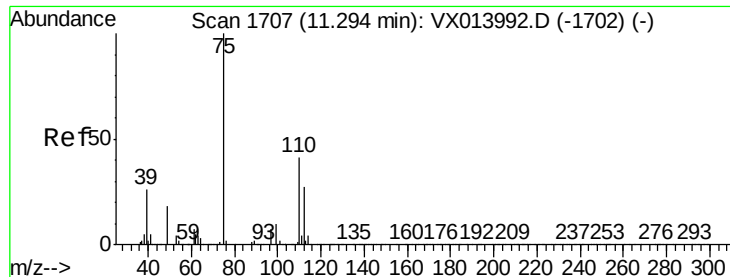
100000

50000

0

Time--> 11.20 11.25 11.30 11.35



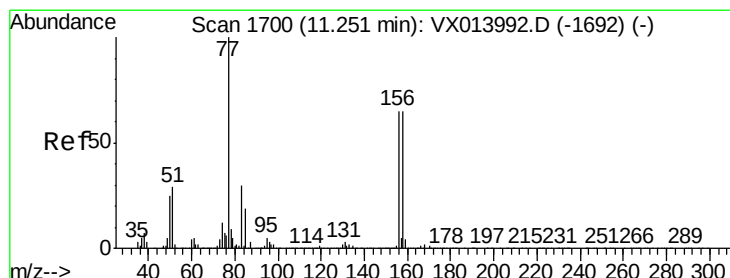
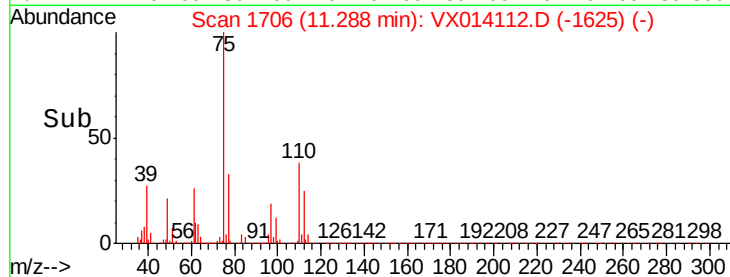
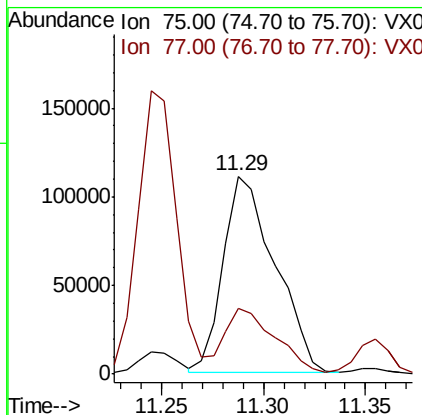
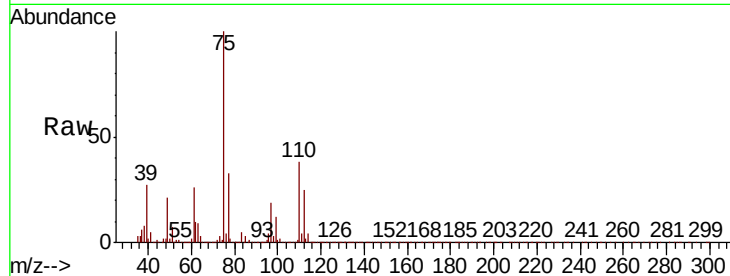


#72

1,2,3-Trichloropropane
Concen: 23.500 ug/l
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :

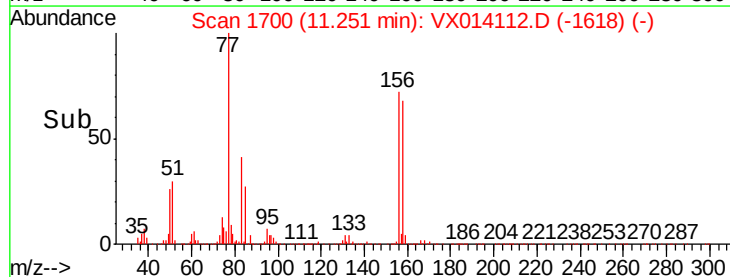
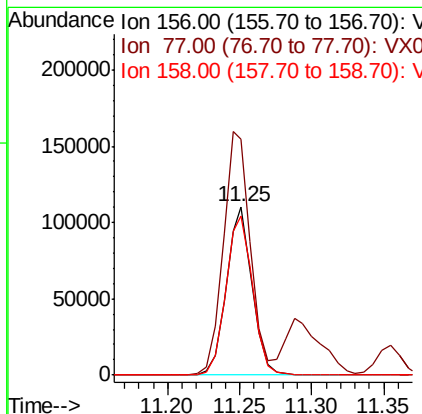
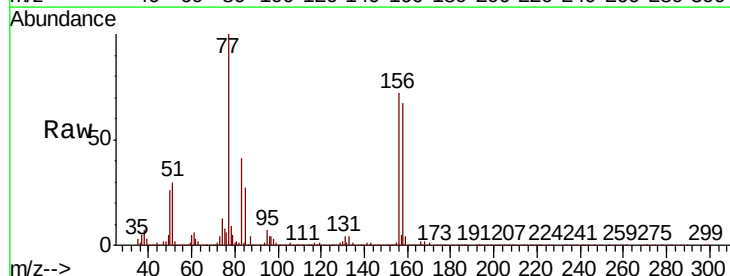
Tot Ion: 75 Resp: 195633
Ion Ratio Lower Upper
75 100
77 31.2 0.0 68.4

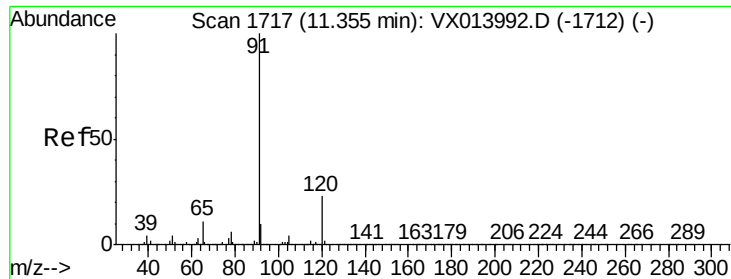


#73

Bromobenzene
Concen: 19.543 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 156 Resp: 137583
Ion Ratio Lower Upper
156 100
77 151.6 0.0 304.6
158 98.7 0.0 195.2





#74

n-propylbenzene

Concen: 20.721 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

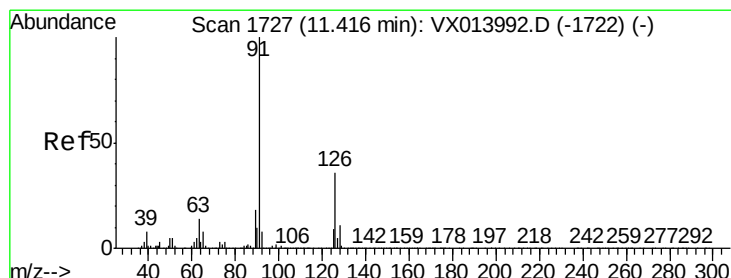
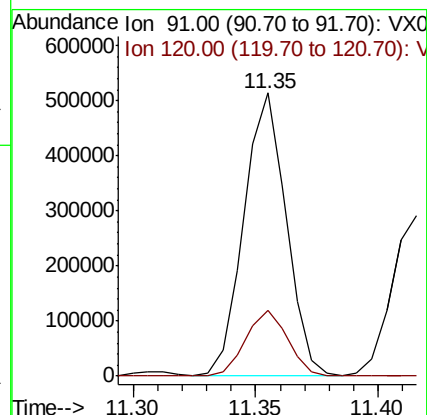
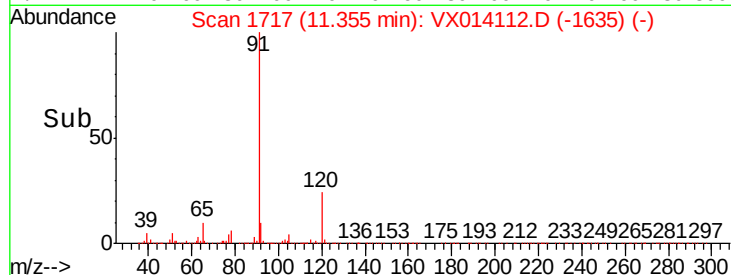
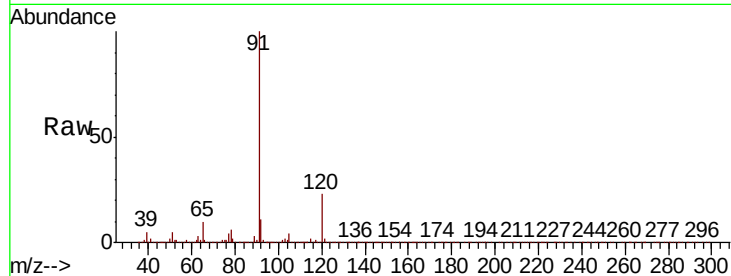
ClientSampleId :

Tot Ion: 91 Resp: 619799

Ion Ratio Lower Upper

91 100

120 23.0 0.0 44.8



#75

2-Chlorotoluene

Concen: 20.226 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014112.D

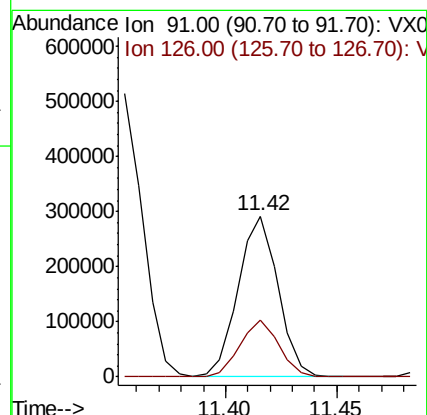
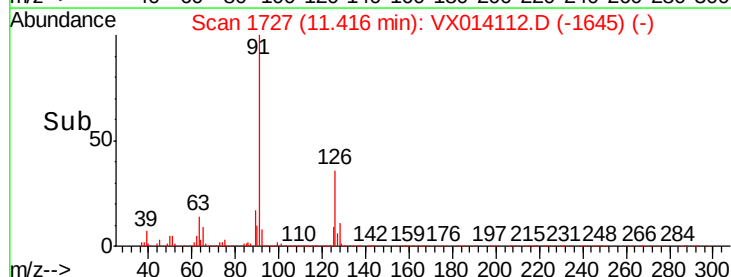
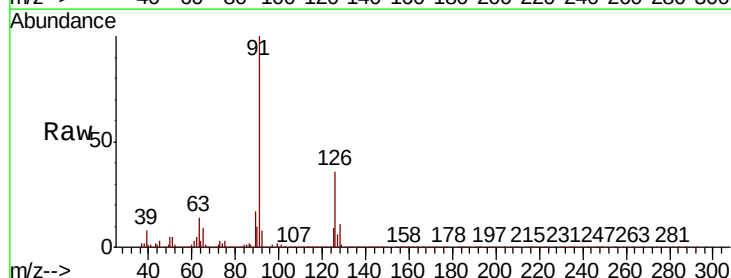
Acq: 19 Dec 2019 11:07

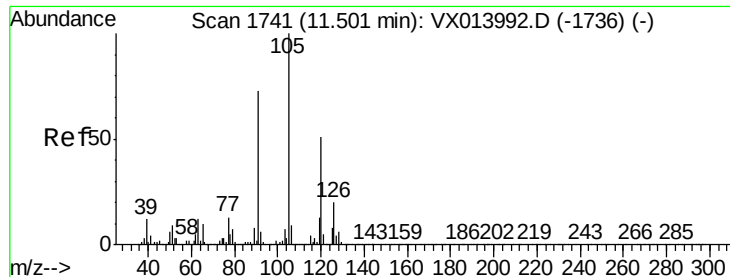
Tgt Ion: 91 Resp: 365556

Ion Ratio Lower Upper

91 100

126 34.6 0.0 70.8





#76

1,3,5-Trimethylbenzene

Concen: 19.967 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

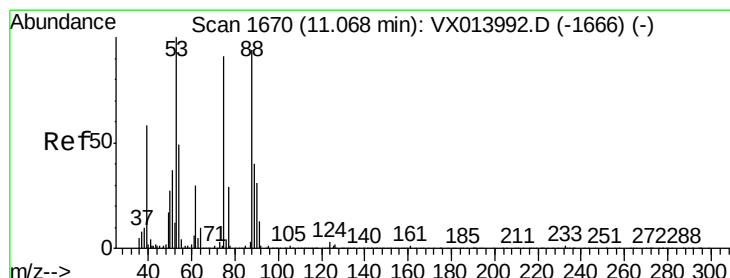
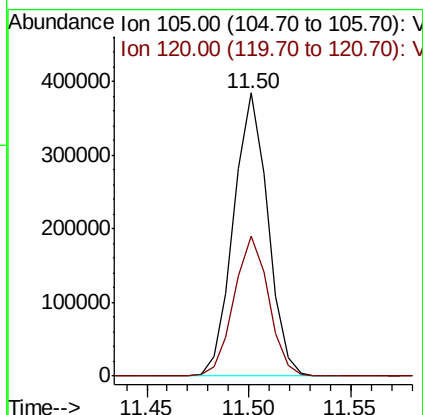
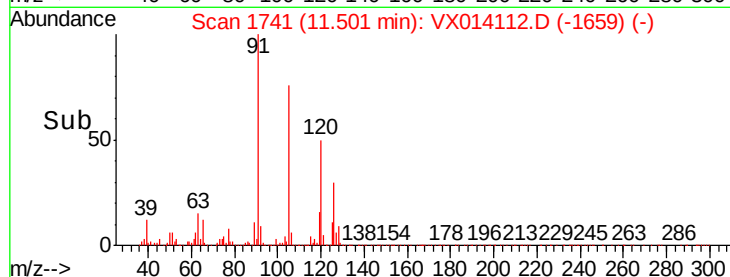
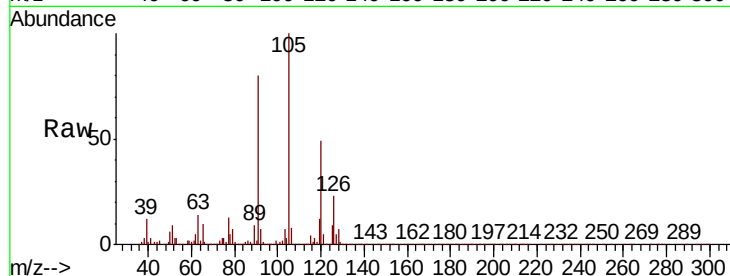
ClientSampled :

Tot Ion:105 Resp: 446709

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.6



#77

t-1,4-Dichloro-2-butene

Concen: 19.584 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

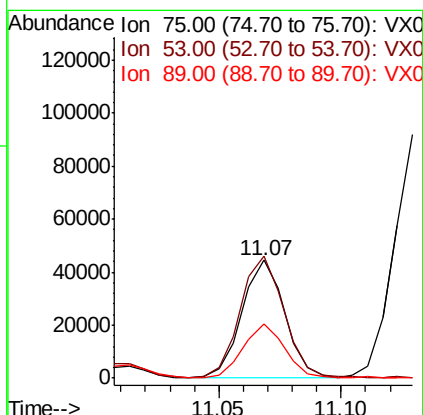
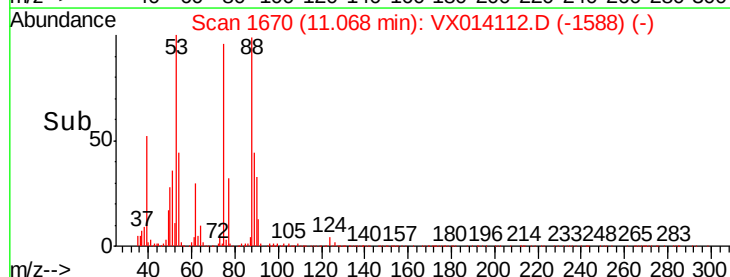
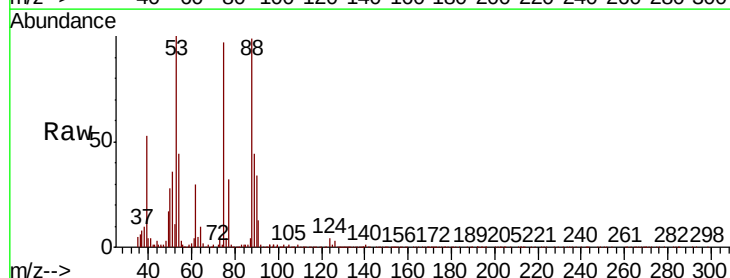
Tgt Ion: 75 Resp: 53839

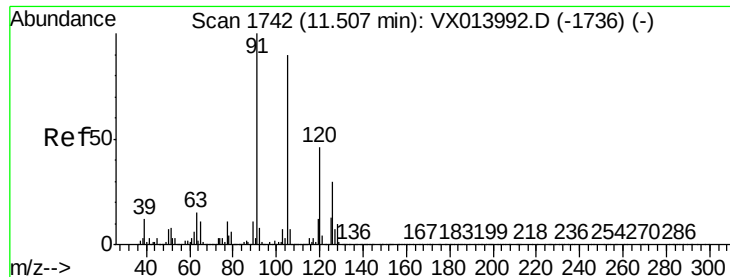
Ion Ratio Lower Upper

75 100

53 104.1 54.4 163.1

89 45.9 21.9 65.5

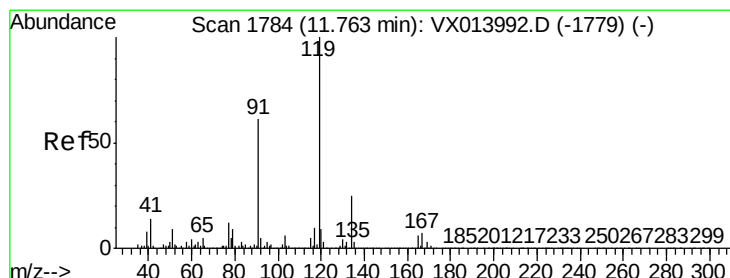
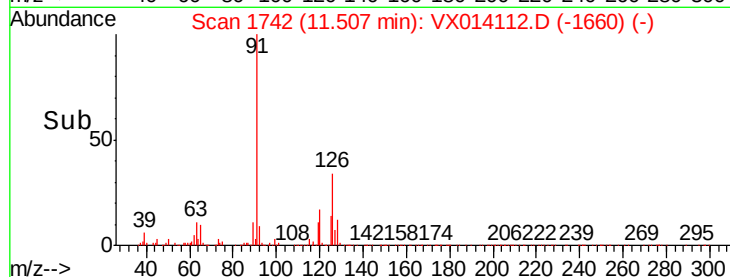
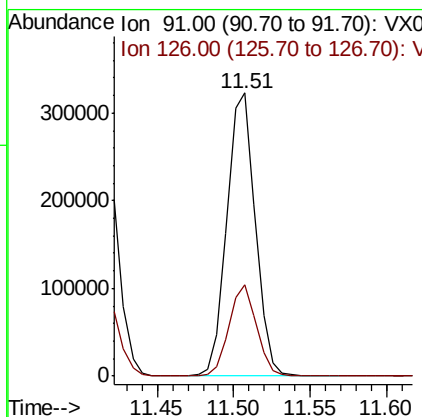
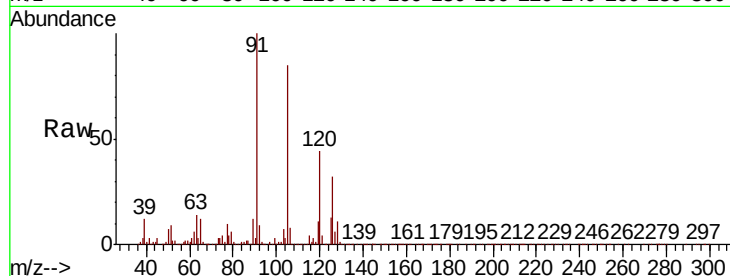




#78
4-Chlorotoluene
Concen: 20.055 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

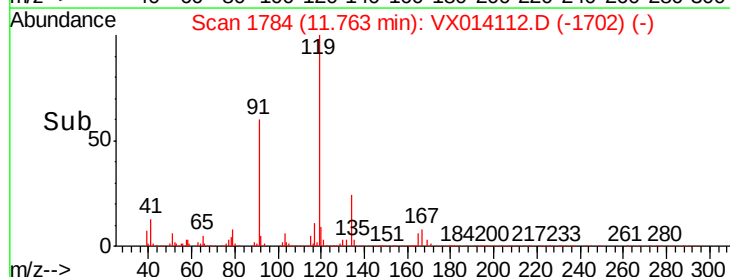
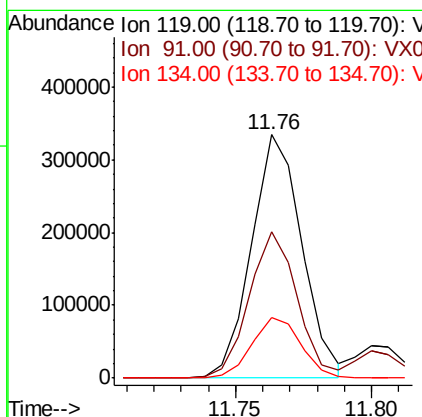
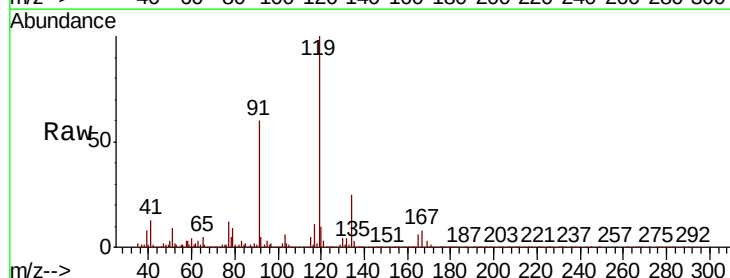
Instrument :
MSVOA_X
ClientSampleId :

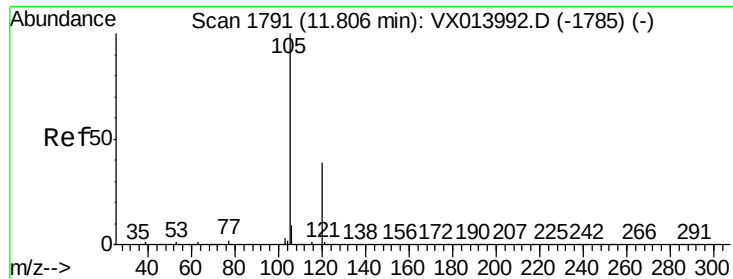
Tot Ion: 91 Resp: 414204
Ion Ratio Lower Upper
91 100
126 31.1 0.0 59.6



#79
tert-butylbenzene
Concen: 19.906 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion: 119 Resp: 429246
Ion Ratio Lower Upper
119 100
91 57.4 0.0 112.6
134 24.5 0.0 49.8

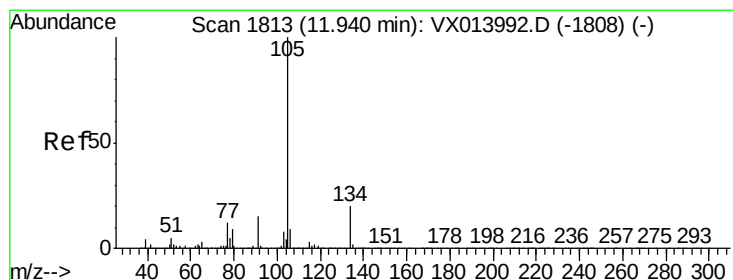
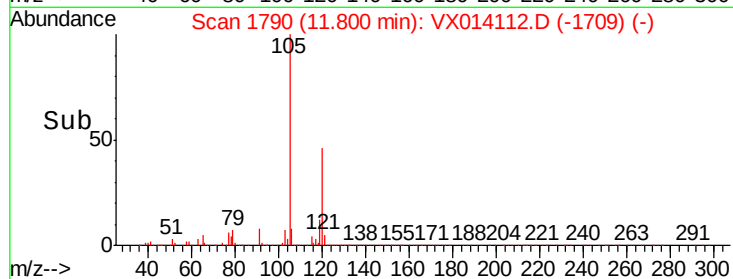
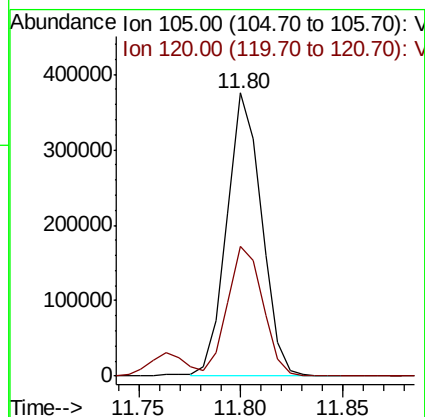
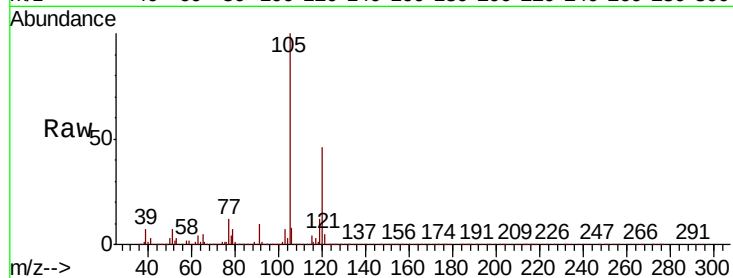




#80
1,2,4-Trimethylbenzene
Concen: 19.686 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

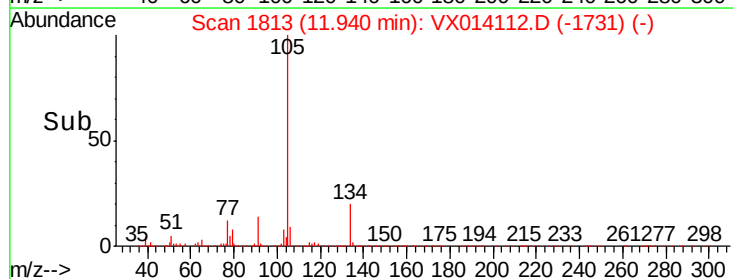
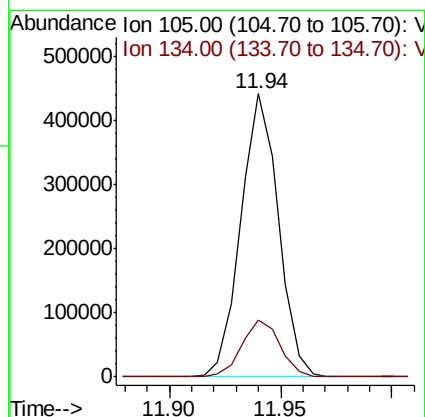
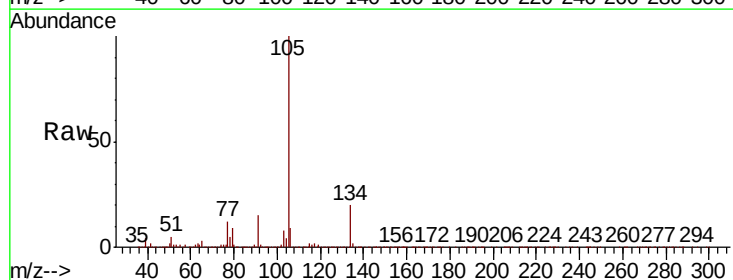
Instrument :
MSVOA_X
ClientSampleId :

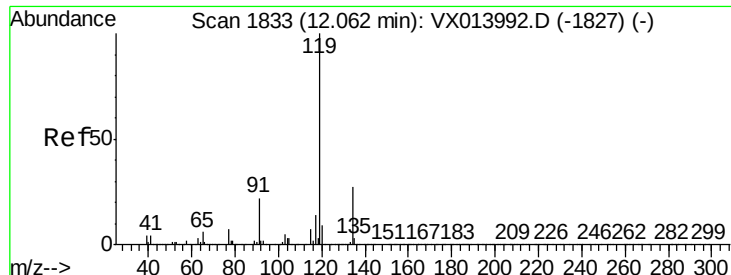
Tot Ion:105 Resp: 440378
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.0



#81
sec-Butylbenzene
Concen: 20.246 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:105 Resp: 519295
Ion Ratio Lower Upper
105 100
134 20.5 0.0 40.2

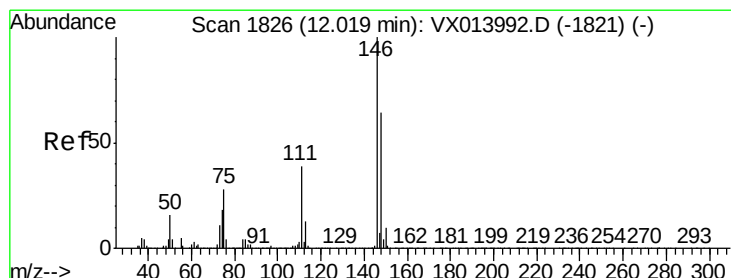
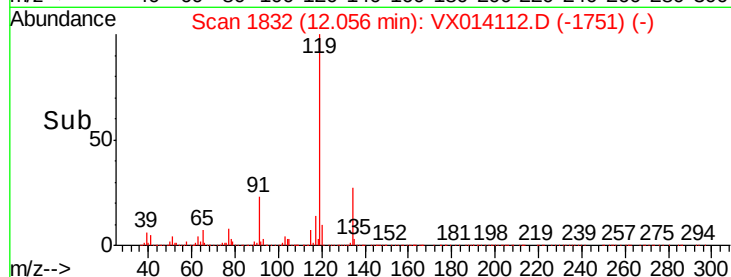
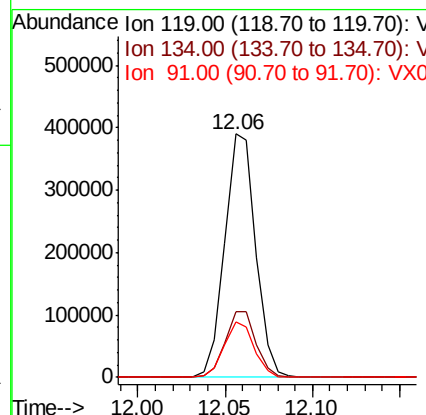
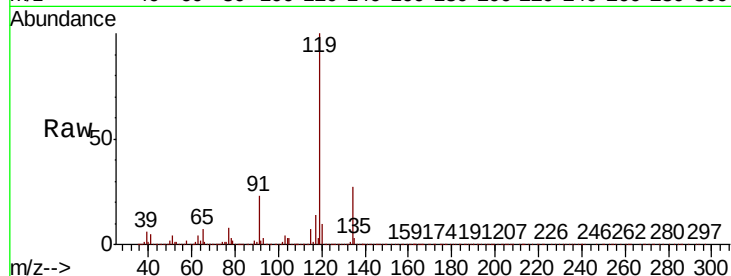




#82
 p-Isopropyltoluene
 Concen: 20.671 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

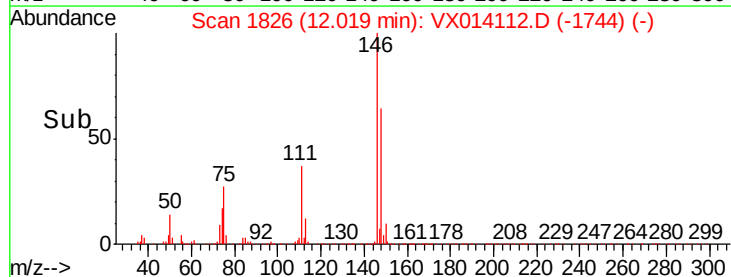
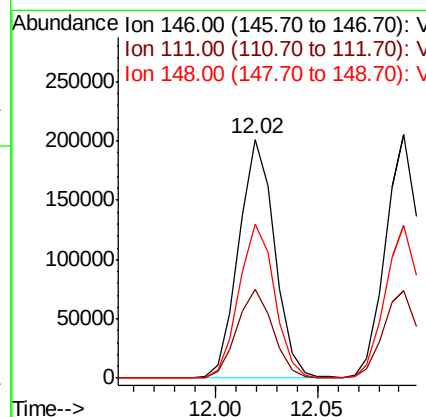
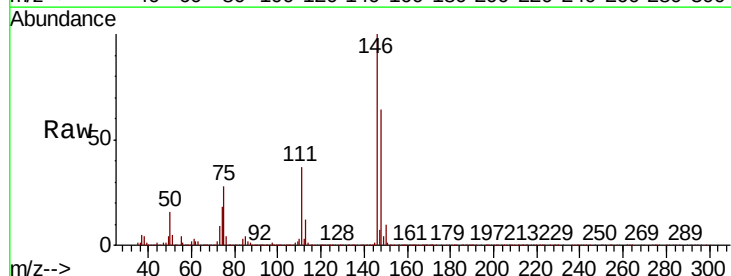
Instrument :
 MSVOA_X
 ClientSampled :

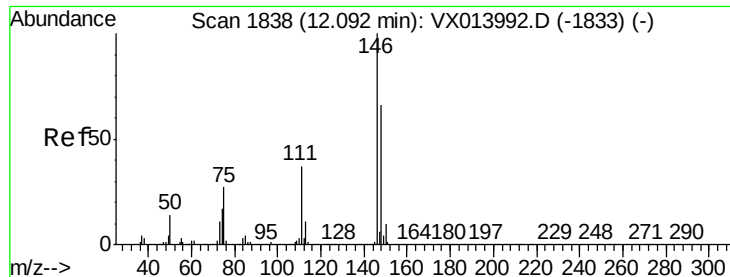
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	53.8
91	22.0	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 19.953 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	64.2	32.2	96.6

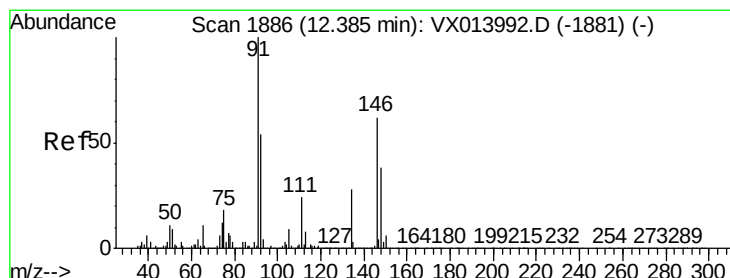
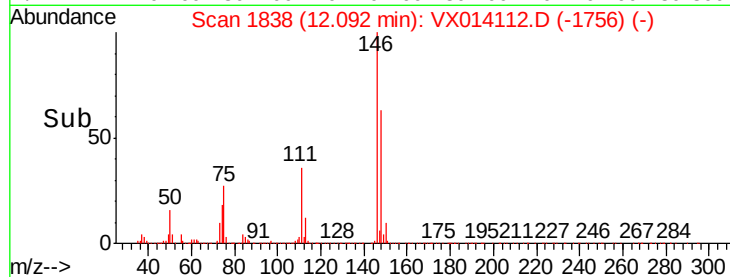
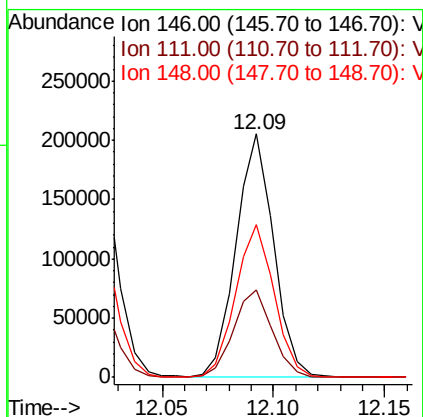
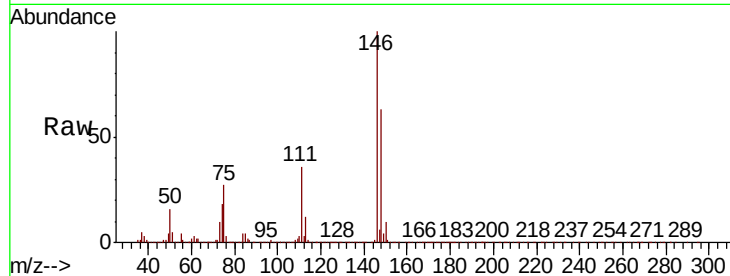




#84
1,4-Dichlorobenzene
Concen: 19.752 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

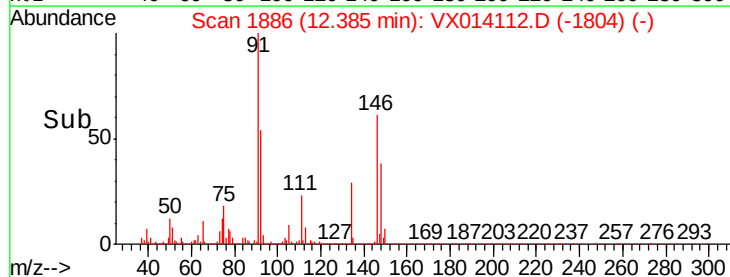
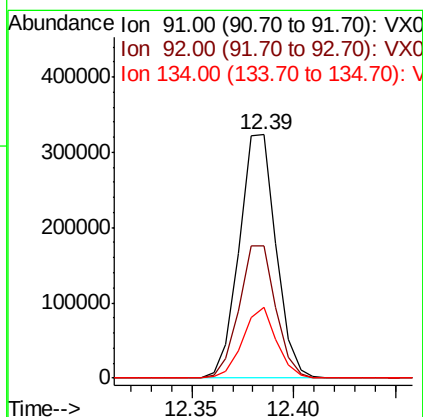
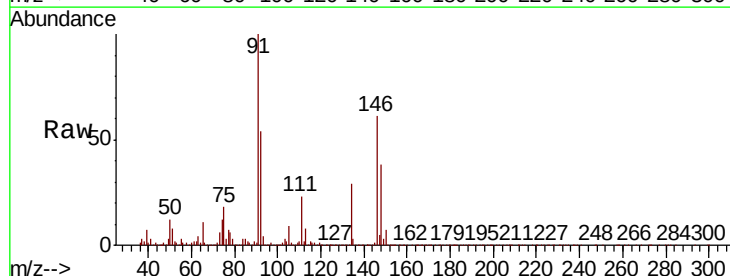
Instrument :
MSVOA_X
ClientSampled :

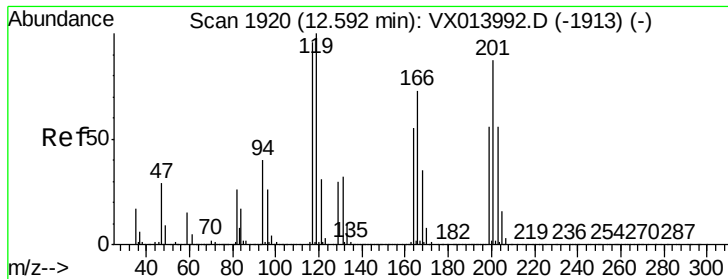
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.3	32.0	96.0



#85
n-Butylbenzene
Concen: 20.751 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	0.0	109.0
134	26.6	0.0	54.0

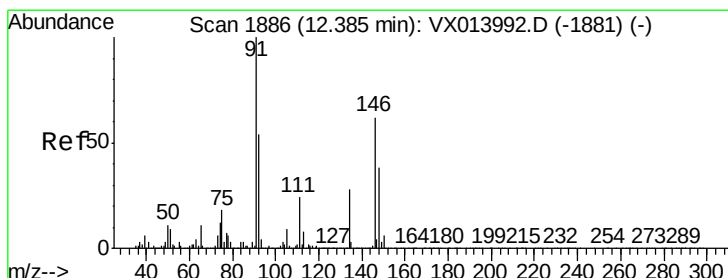
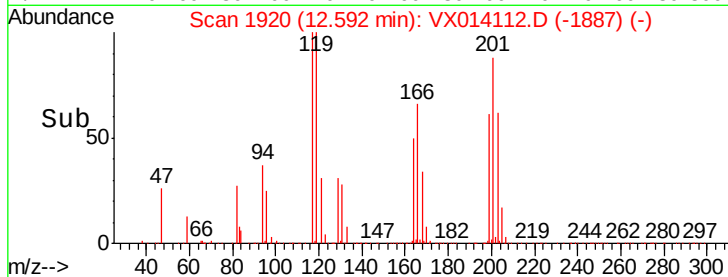
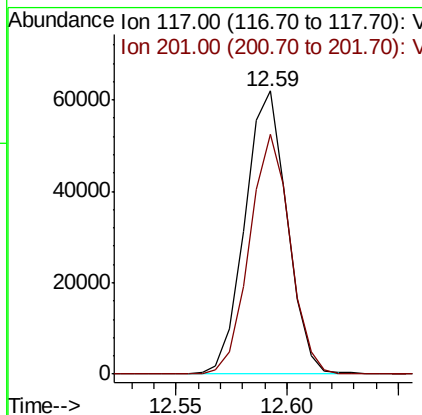
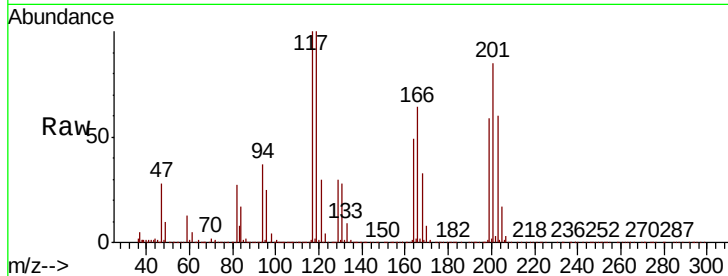




#86
Hexachloroethane
Concen: 19.290 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

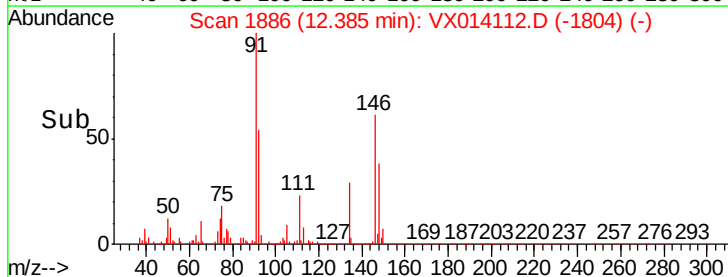
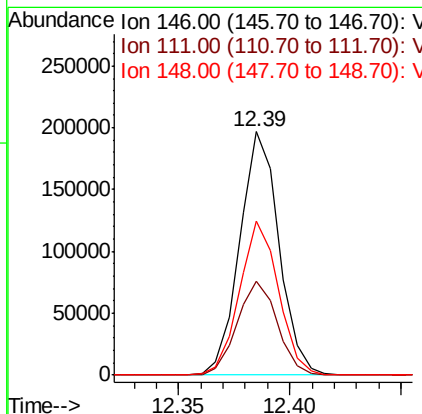
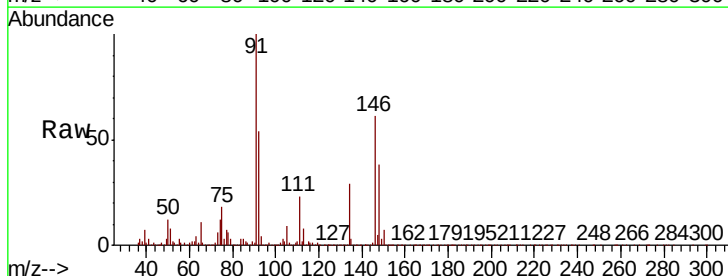
Instrument :
MSVOA_X
ClientSampleId :

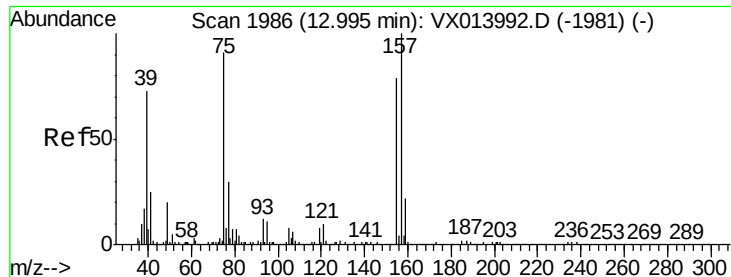
Tot Ion:117 Resp: 80999
Ion Ratio Lower Upper
117 100
201 82.3 44.8 134.3



#87
1,2-Dichlorobenzene
Concen: 19.365 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014112.D
Acq: 19 Dec 2019 11:07

Tgt Ion:146 Resp: 241366
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.2
148 63.2 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.474 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

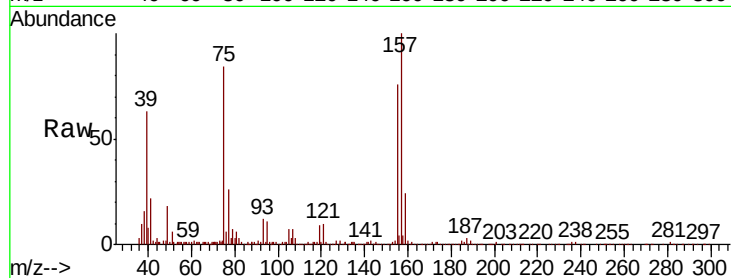
Tot Ion: 75 Resp: 36301

Ion Ratio Lower Upper

75 100

155 91.8 73.8 110.6

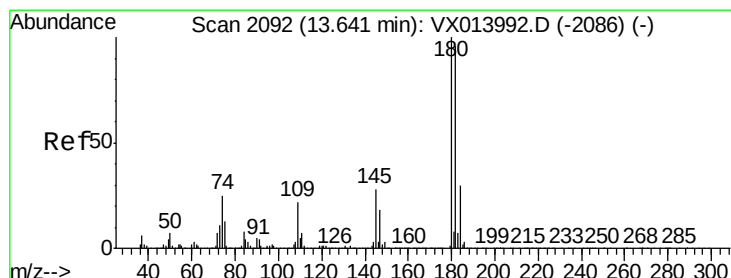
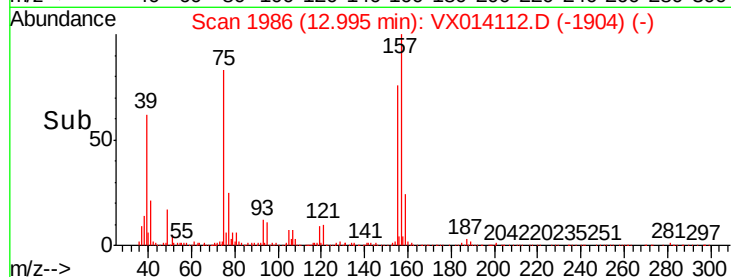
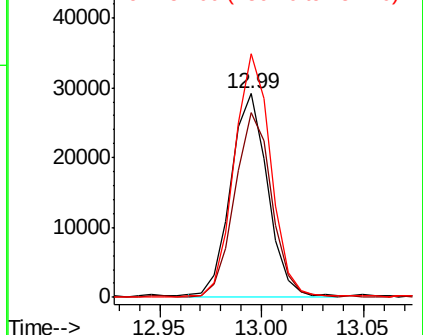
157 119.5 95.0 142.4



Abundance Ion 75.00 (74.70 to 75.70): VX014112.D (-1981) (-)

Ion 155.00 (154.70 to 155.70): VX014112.D (-1981) (-)

Ion 157.00 (156.70 to 157.70): VX014112.D (-1981) (-)



#89

1,2,4-Trichlorobenzene

Concen: 20.107 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

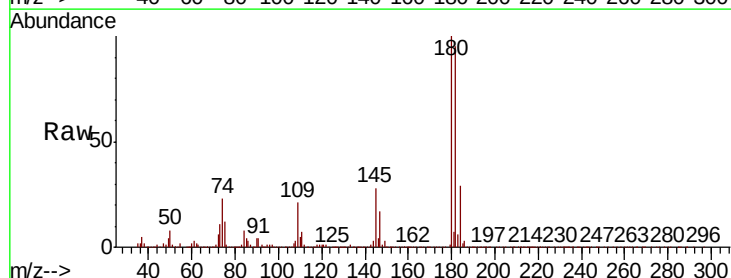
Tgt Ion: 180 Resp: 160170

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

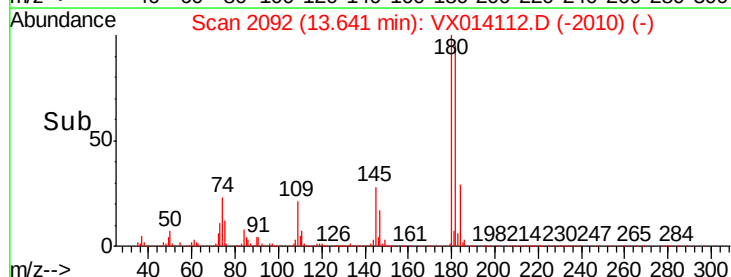
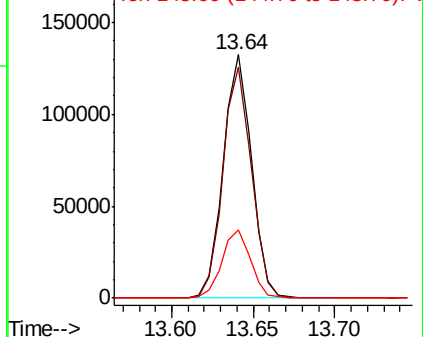
145 28.4 21.9 32.9

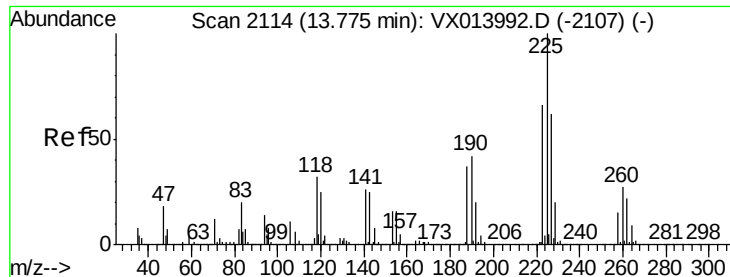


Abundance Ion 180.00 (179.70 to 180.70): VX014112.D (-2086) (-)

Ion 182.00 (181.70 to 182.70): VX014112.D (-2086) (-)

Ion 145.00 (144.70 to 145.70): VX014112.D (-2086) (-)





#90

Hexachlorobutadiene

Concen: 21.022 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014112.D

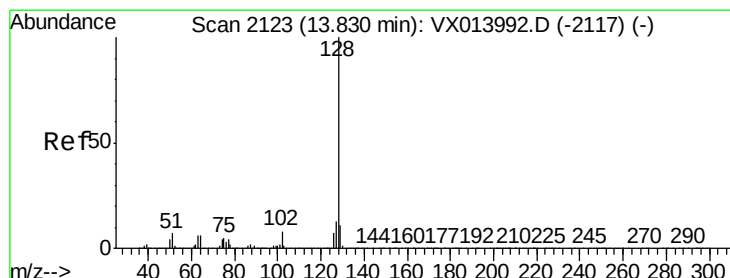
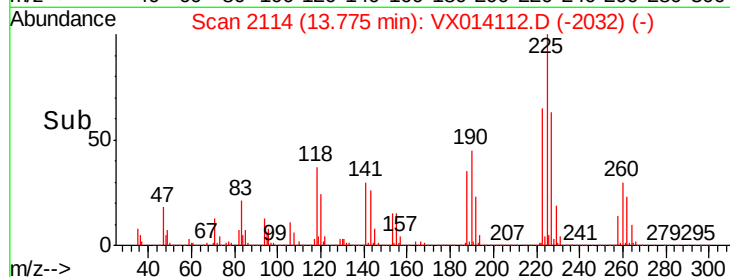
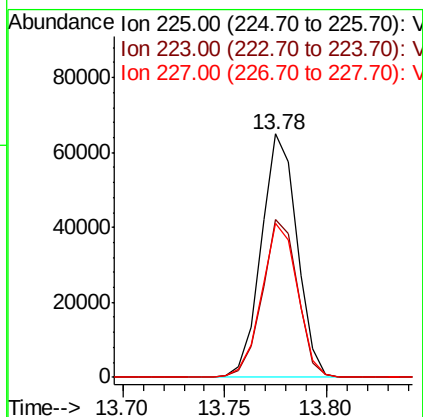
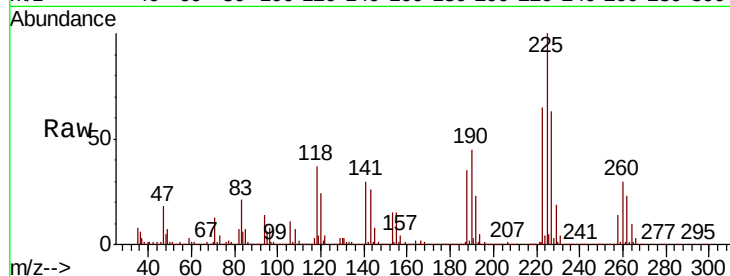
Acq: 19 Dec 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	225	Resp:	79597
Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	127.4
227	63.6	0.0	122.8



#91

Naphthalene

Concen: 19.317 ug/l

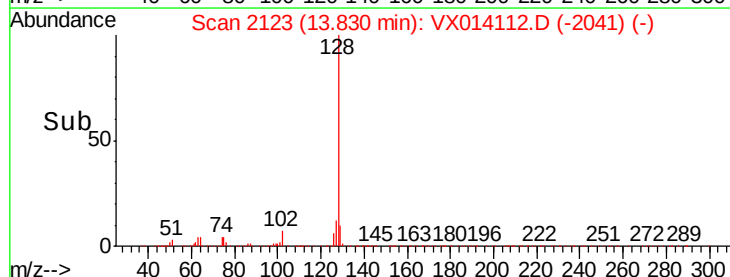
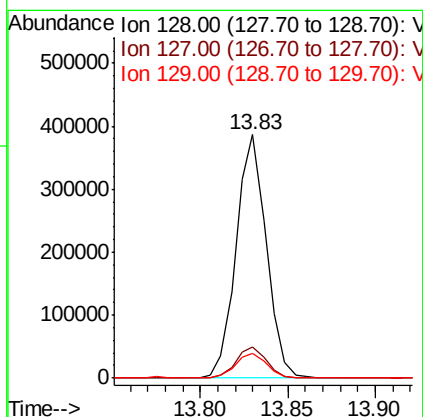
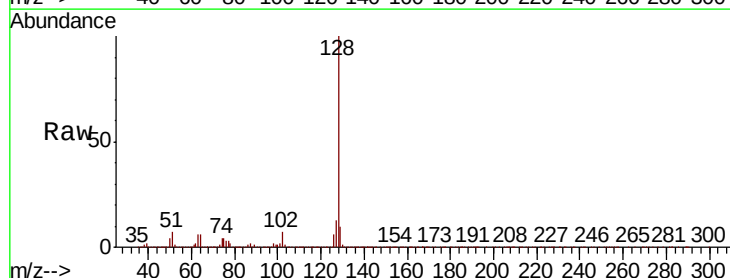
RT: 13.83 min Scan# 2123

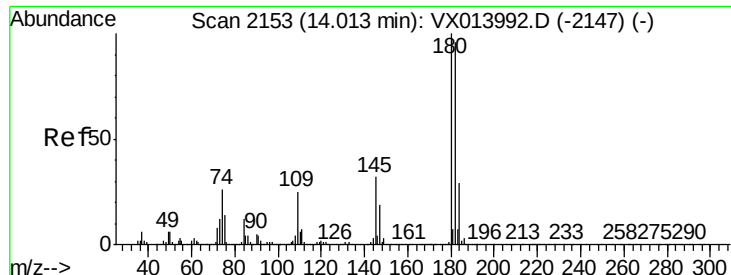
Delta R.T. 0.00 min

Lab File: VX014112.D

Acq: 19 Dec 2019 11:07

Tgt Ion:	128	Resp:	462505
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

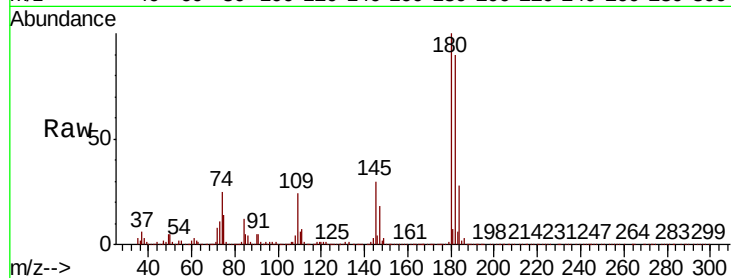




#92
 1,2,3-Trichlorobenzene
 Concen: 19.900 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014112.D
 Acq: 19 Dec 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	192.8
145	30.4	0.0	60.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

