

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013971.D
 Acq On : 12 Dec 2019 13:28
 Operator : JC/SP
 Sample : VX1212WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Quant Time: Dec 13 00:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	504064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	749014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	667628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	315963	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
35) Dibromofluoromethane	5.48	113	261760	56.53	ug/l	0.00
Spiked Amount			Recovery	=	113.06%	
50) Toluene-d8	8.71	98	990006	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	11.14	95	362272	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	99676	17.766	ug/l	96
3) Chloromethane	1.31	50	116759	18.547	ug/l	99
4) Vinyl Chloride	1.40	62	124544	17.577	ug/l	97
5) Bromomethane	1.62	94	99477	20.905	ug/l	99
6) Chloroethane	1.70	64	63410	15.726	ug/l	98
7) Trichlorofluoromethane	1.87	101	139593	17.742	ug/l	97
8) Diethyl Ether	2.19	74	69416	19.501	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	91597	19.060	ug/l	99
10) Methyl Iodide	2.48	142	90487	15.565	ug/l	99
11) Tert butyl alcohol	3.01	59	9460	6.550	ug/l #	74
12) 1,1-Dichloroethene	2.34	96	89127	18.580	ug/l	96
13) Acrolein	2.29	56	72748	79.515	ug/l	98
14) Allyl chloride	2.70	41	155038	17.809	ug/l	98
15) Acrylonitrile	3.15	53	267624	89.772	ug/l	99
16) Acetone	2.46	43	288691	99.937	ug/l	100
17) Carbon Disulfide	2.53	76	192791	14.098	ug/l	100
18) Methyl Acetate	2.77	43	164587	20.461	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312876	19.688	ug/l	98
20) Methylene Chloride	2.84	84	114958	20.714	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94774	18.136	ug/l	95
22) Diisopropyl ether	3.86	45	339993	20.283	ug/l	95
23) Vinyl Acetate	3.80	43	1326689	95.139	ug/l	99
24) 1,1-Dichloroethane	3.67	63	183748	20.052	ug/l	99
25) 2-Butanone	4.69	43	386924	90.125	ug/l	98
26) 2,2-Dichloropropane	4.56	77	142004	18.730	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113674	18.941	ug/l	99
28) Bromochloromethane	4.99	49	77896	21.504	ug/l	100
29) Tetrahydrofuran	5.13	42	231766	87.570	ug/l	99
30) Chloroform	5.20	83	177337	19.082	ug/l	100
31) Cyclohexane	5.55	56	155877	18.035	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	144111	18.557	ug/l	99
36) 1,1-Dichloropropene	5.78	75	129527	19.050	ug/l	98
37) Ethyl Acetate	4.83	43	143545	18.819	ug/l	99
38) Carbon Tetrachloride	5.76	117	120262	19.182	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160229	19.065	ug/l	97
40) Benzene	6.12	78	406686	19.639	ug/l	97
41) Methacrylonitrile	5.04	41	72716	17.383	ug/l	93
42) 1,2-Dichloroethane	6.18	62	146110	20.689	ug/l	99
43) Isopropyl Acetate	6.44	43	228395	18.188	ug/l	99
44) Trichloroethene	7.20	130	107405	18.899	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105168	20.298	ug/l	95
46) Dibromomethane	7.65	93	65814	18.703	ug/l	99
47) Bromodichloromethane	7.89	83	124110	18.657	ug/l	98
48) Methyl methacrylate	7.77	41	113962	18.678	ug/l	98
49) 1,4-Dioxane	7.76	88	43401	317.787	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	737935	93.422	ug/l	98
52) Toluene	8.78	92	253398	19.697	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135605	17.909	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159827	19.320	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104820	20.219	ug/l	99
56) Ethyl methacrylate	9.18	69	154891	18.583	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179991	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325017	99.457	ug/l	99
59) 2-Hexanone	9.50	43	565634	91.815	ug/l	98
60) Dibromochloromethane	9.58	129	96916	18.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106927	19.312	ug/l	97
64) Tetrachloroethene	9.33	164	98416	19.767	ug/l	97
65) Chlorobenzene	10.14	112	277231	20.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97408	19.570	ug/l	98
67) Ethyl Benzene	10.25	91	472637	19.843	ug/l	99
68) m/p-Xylenes	10.35	106	353668	38.782	ug/l	98
69) o-Xylene	10.70	106	176682	19.865	ug/l	99
70) Styrene	10.71	104	298696	19.965	ug/l	99
71) Bromoform	10.85	173	70812	17.194	ug/l	99
73) Isopropylbenzene	11.01	105	465630	19.536	ug/l	99
74) N-amyl acetate	10.90	43	202654	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166324	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169961	22.240	ug/l	91
77) Bromobenzene	11.25	156	122351	19.002	ug/l	99
78) n-propylbenzene	11.35	91	523509	19.676	ug/l	100
79) 2-Chlorotoluene	11.42	91	314971	19.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	392185	20.077	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43624	15.617	ug/l	89
82) 4-Chlorotoluene	11.51	91	359739	19.461	ug/l	97
83) tert-Butylbenzene	11.77	119	394485	19.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	397429	20.047	ug/l	100
85) sec-Butylbenzene	11.94	105	455977	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	417758	19.803	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	218107	19.432	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	218850	19.143	ug/l	99
89) n-Butylbenzene	12.38	91	348174	19.351	ug/l	100
90) Hexachloroethane	12.59	117	68167	17.878	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	224171	20.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30031	16.684	ug/l	97

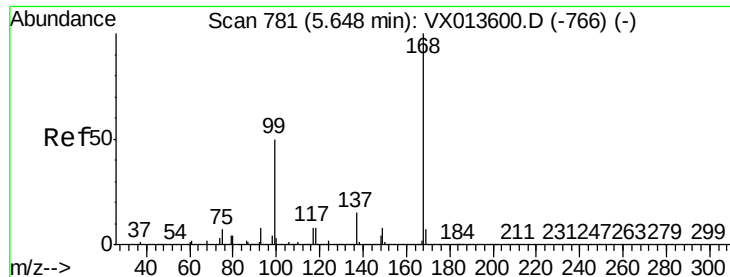
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139004	17.985	ug/l	96
94) Hexachlorobutadiene	13.77	225	73582	19.819	ug/l	99
95) Naphthalene	13.83	128	404084	17.556	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142236	18.587	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

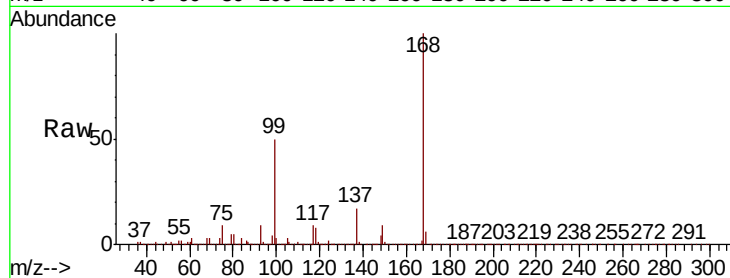
VX1212WBS03

Tot Ion:168 Resp: 504064

Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

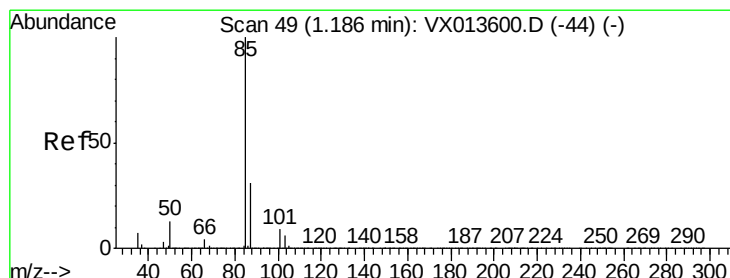
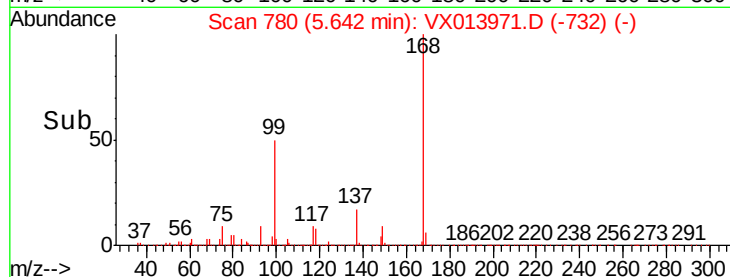
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.766 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013971.D

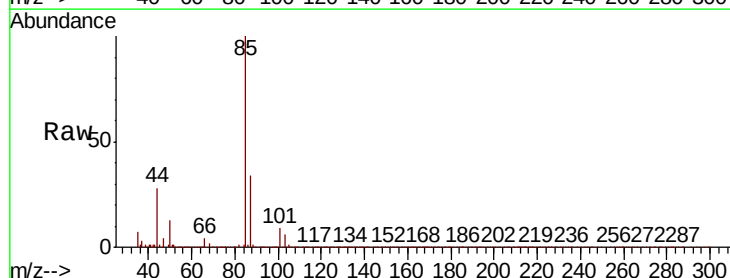
Acq: 12 Dec 2019 13:28

Tgt Ion: 85 Resp: 99676

Ion Ratio Lower Upper

85 100

87 33.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

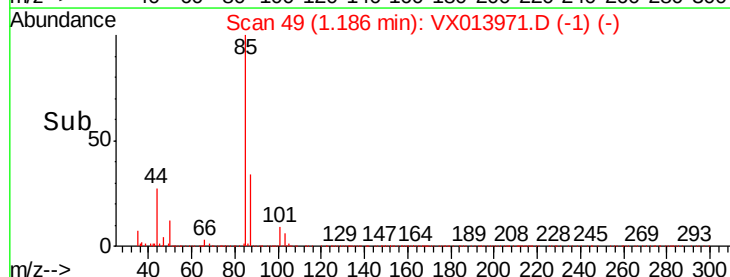
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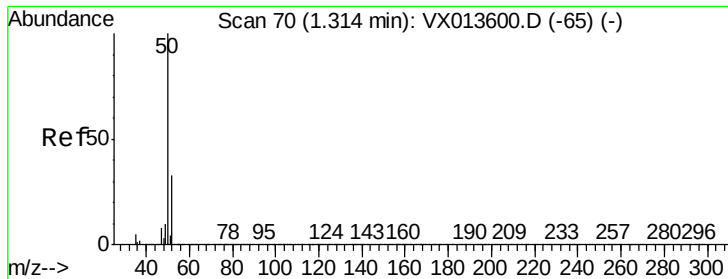
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.547 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

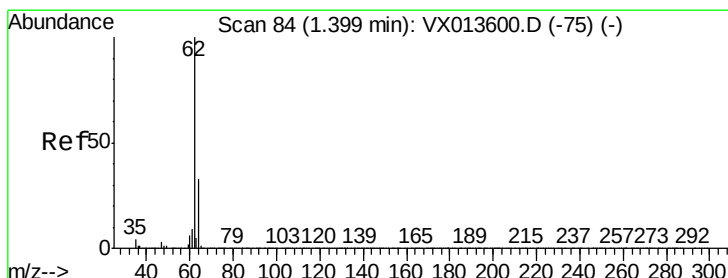
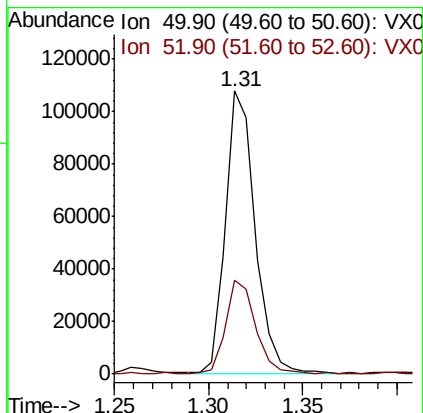
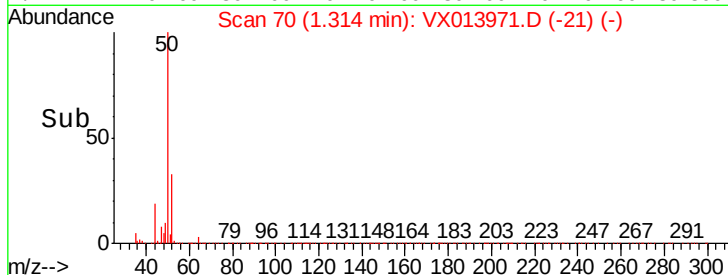
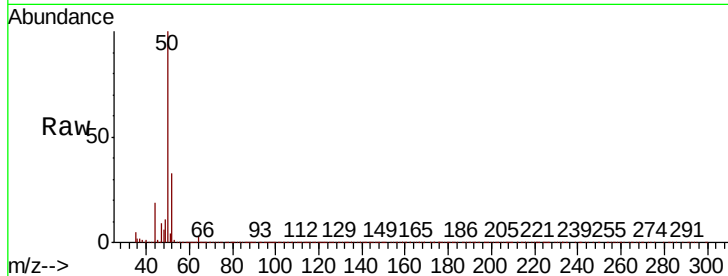
VX1212WBS03

Tot Ion: 50 Resp: 116759

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 17.577 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013971.D

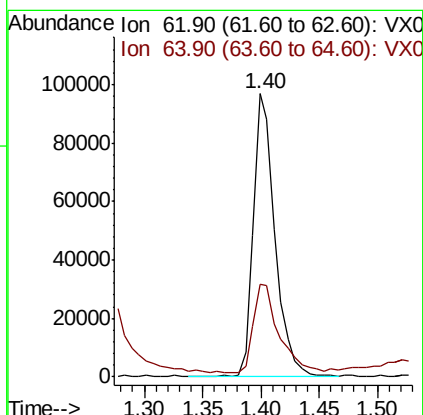
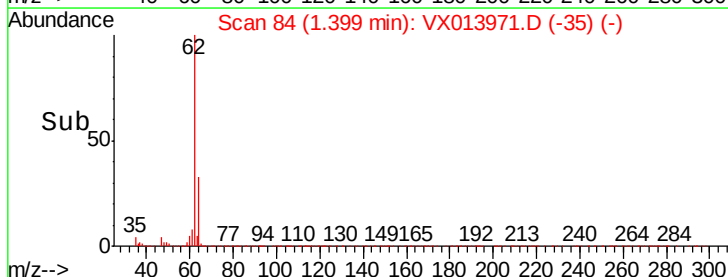
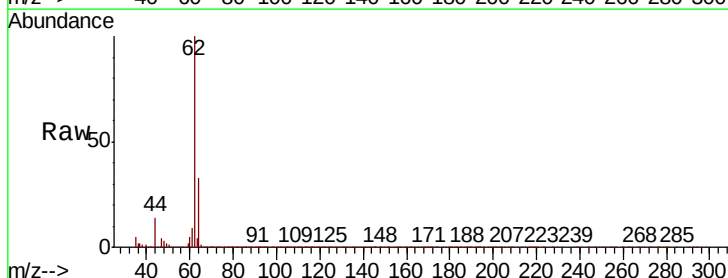
Acq: 12 Dec 2019 13:28

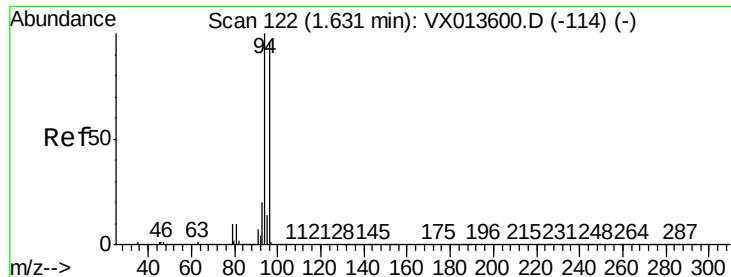
Tgt Ion: 62 Resp: 124544

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 20.905 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

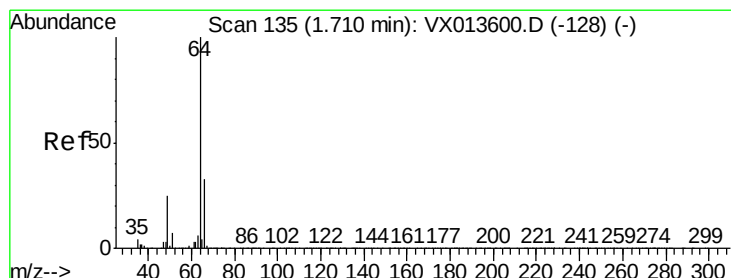
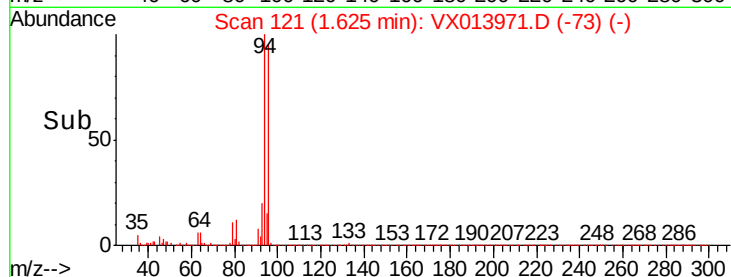
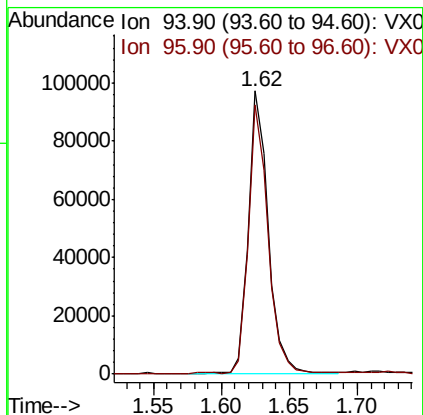
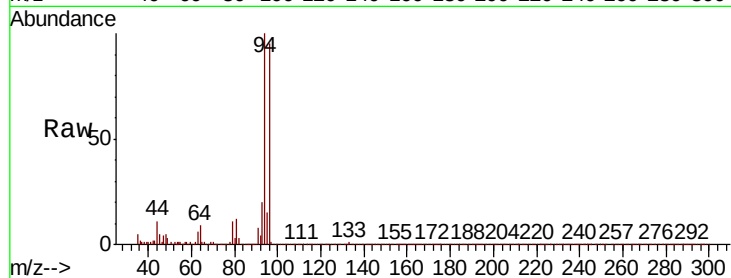
VX1212WBS03

Tot Ion: 94 Resp: 99477

Ion Ratio Lower Upper

94 100

96 95.3 77.0 115.4



#6

Chloroethane

Concen: 15.726 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013971.D

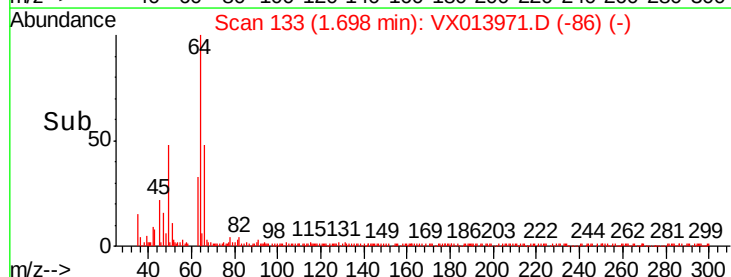
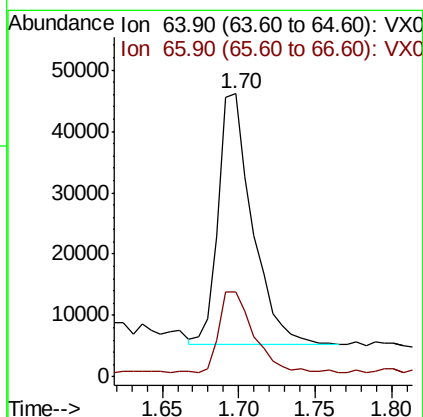
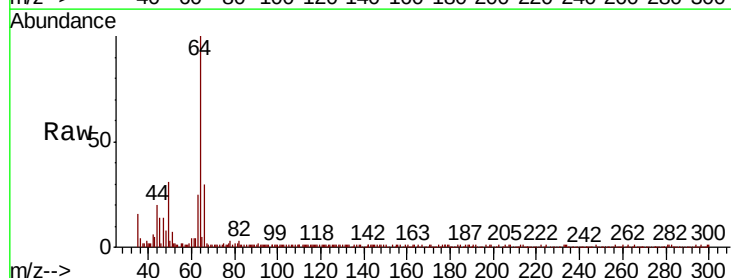
Acq: 12 Dec 2019 13:28

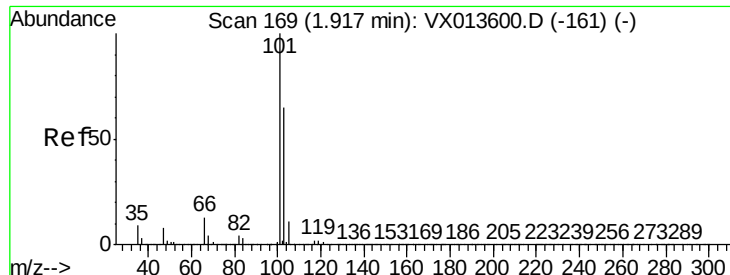
Tgt Ion: 64 Resp: 63410

Ion Ratio Lower Upper

64 100

66 32.0 26.7 40.1



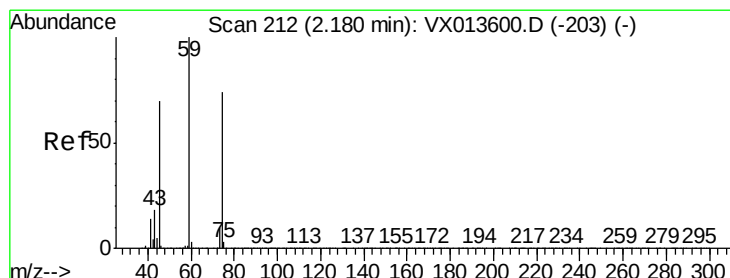
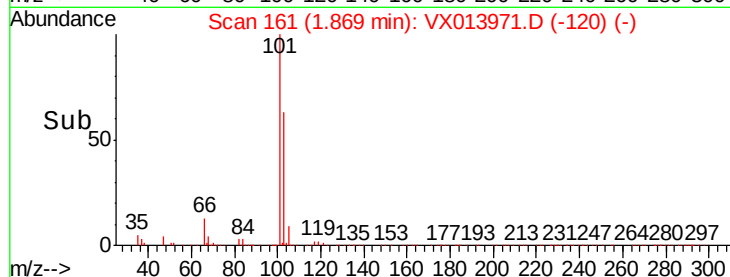
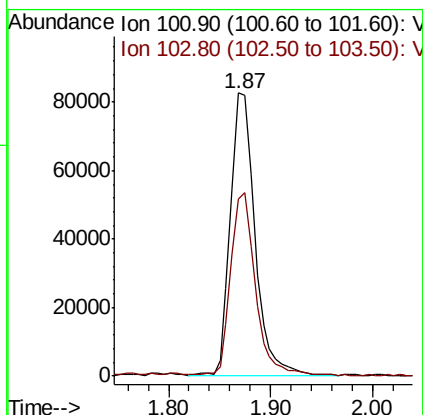
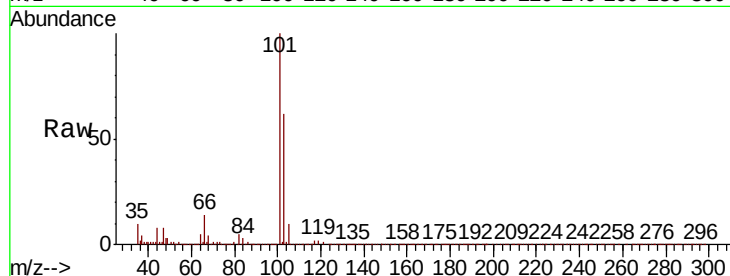


#7

Trichlorofluoromethane
Concen: 17.742 ug/l
RT: 1.87 min Scan# 161
Delta R.T. -0.05 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

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MSVOA_X
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VX1212WBS03

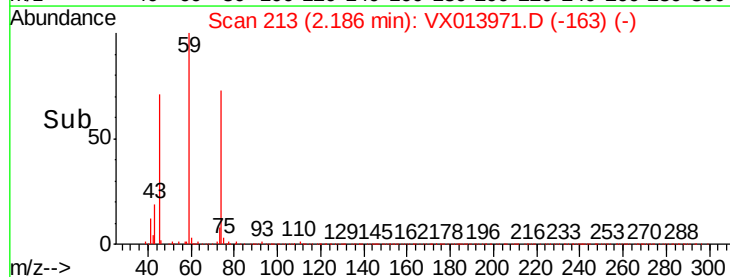
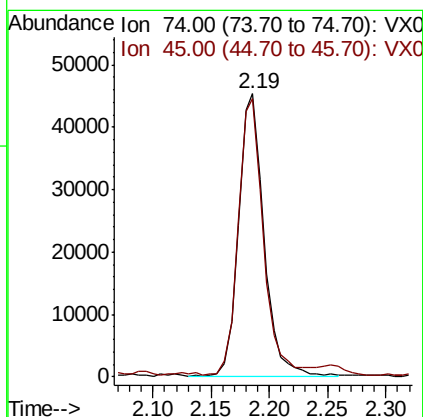
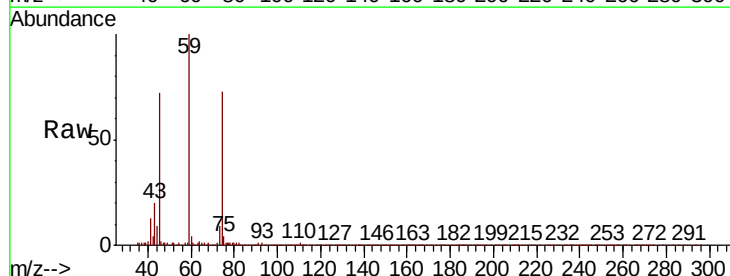
Tot Ion:101 Resp: 139593
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6

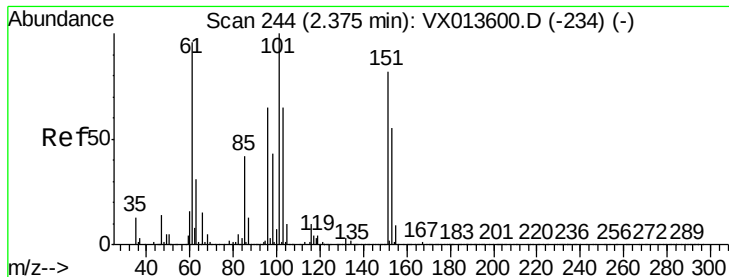


#8

Diethyl Ether
Concen: 19.501 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 74 Resp: 69416
Ion Ratio Lower Upper
74 100
45 95.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.060 ug/l

RT: 2.34 min Scan# 239

Delta R.T. -0.03 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

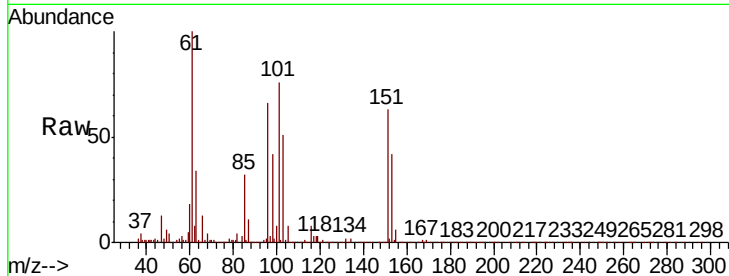
Tot Ion:101 Resp: 91597

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

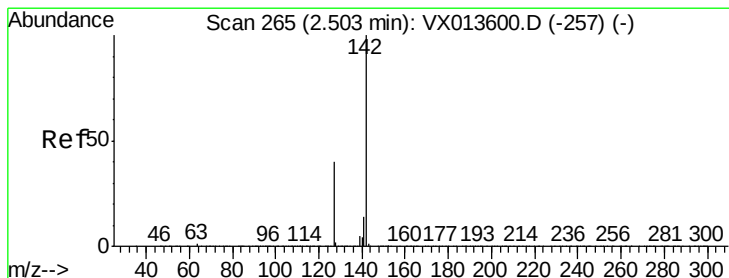
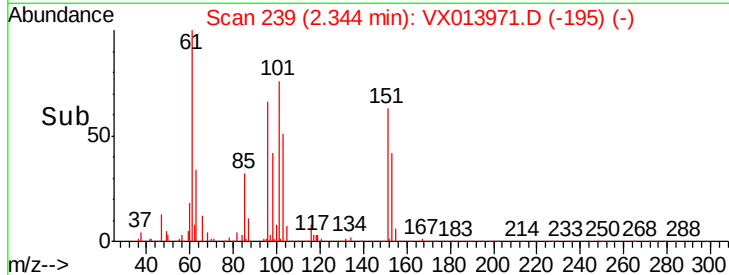
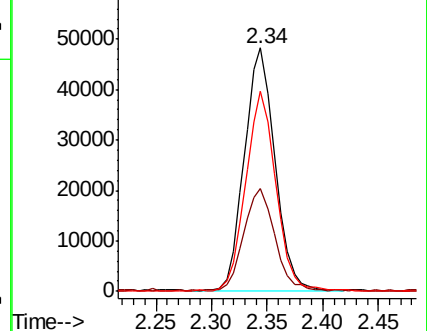
151 81.7 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.565 ug/l

RT: 2.48 min Scan# 261

Delta R.T. -0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

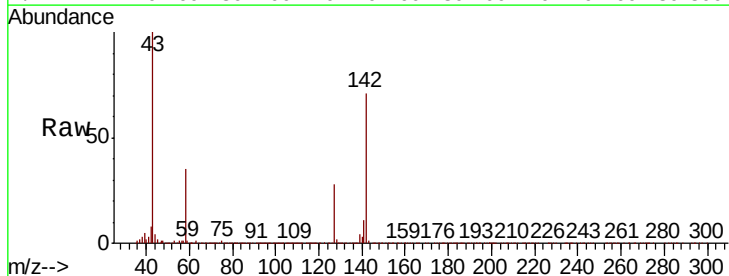
Tgt Ion:142 Resp: 90487

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

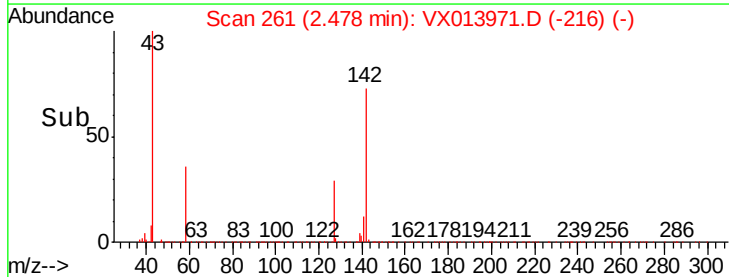
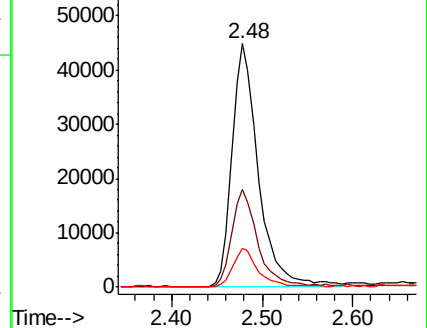
141 15.9 11.6 17.4

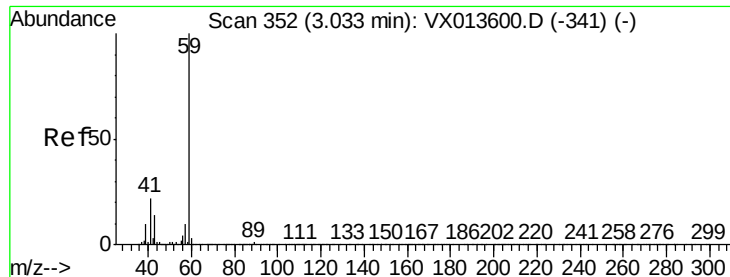


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



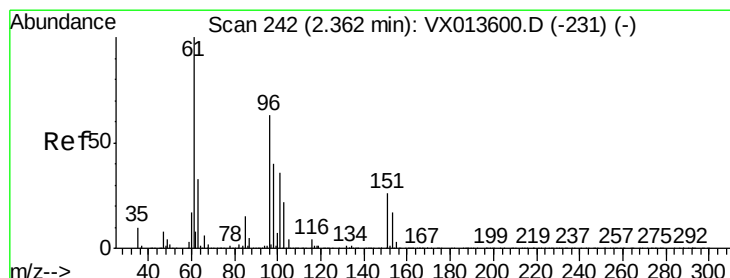
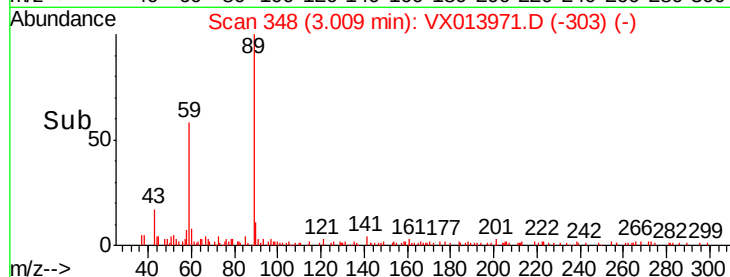
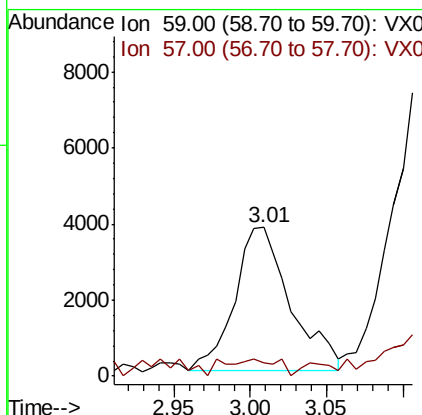
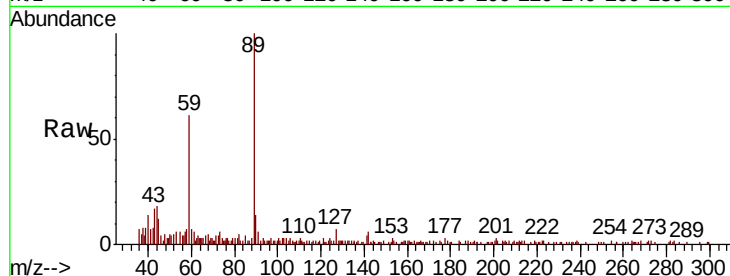


#11

Tert butyl alcohol
Concen: 6.550 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

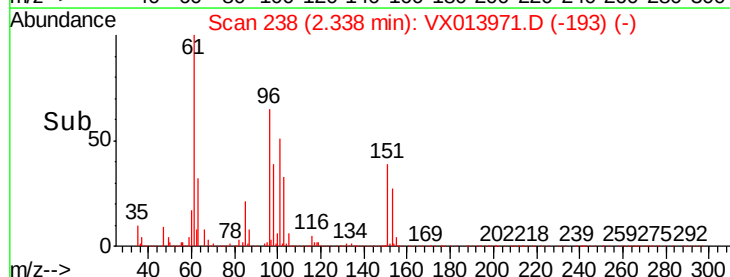
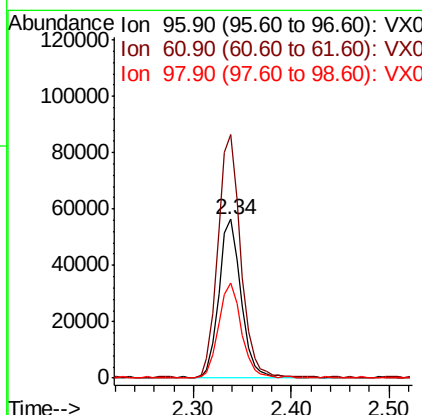
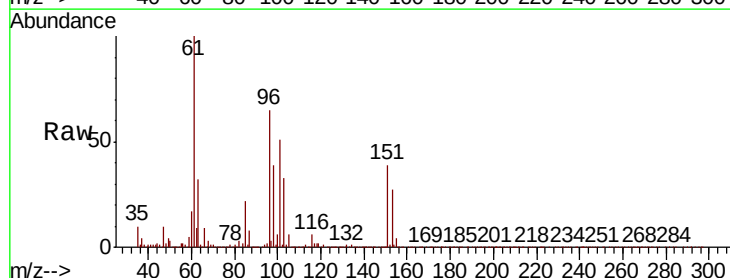
Tot Ion: 59 Resp: 9460
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

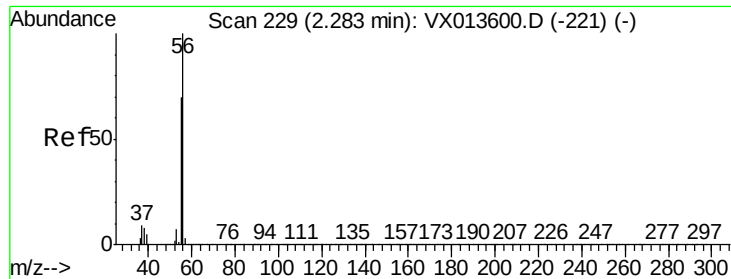


#12

1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 2.34 min Scan# 238
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 96 Resp: 89127
Ion Ratio Lower Upper
96 100
61 153.4 126.6 190.0
98 60.0 50.6 76.0

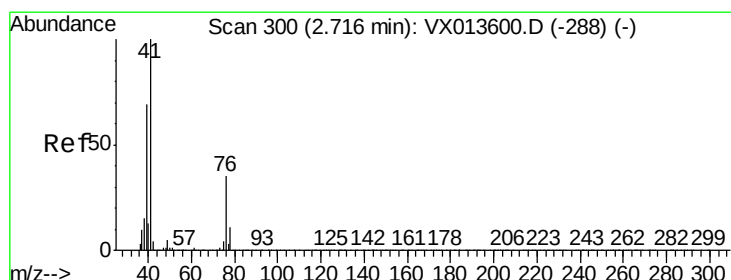
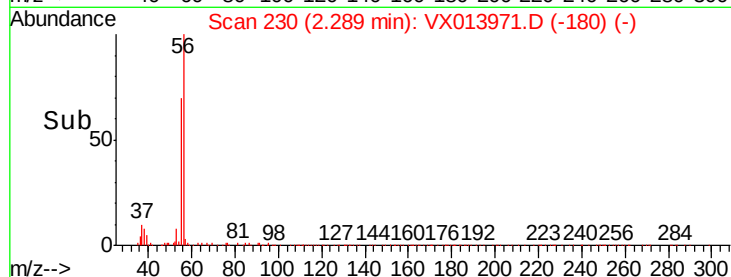
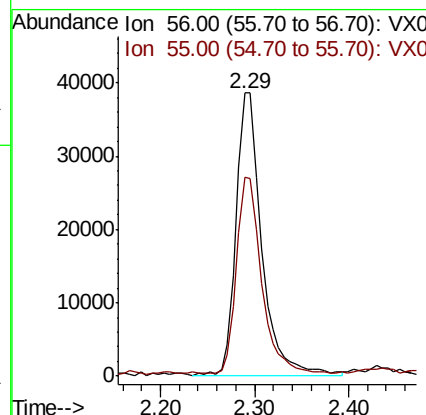
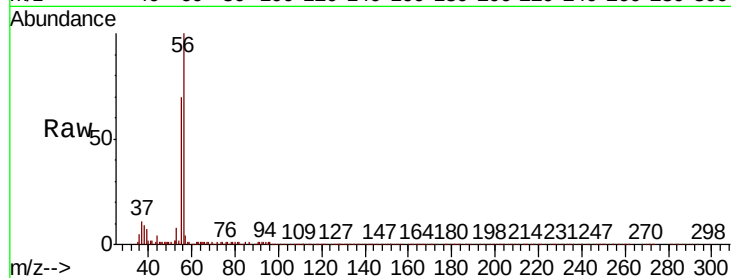




#13
Acrolein
Concen: 79.515 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

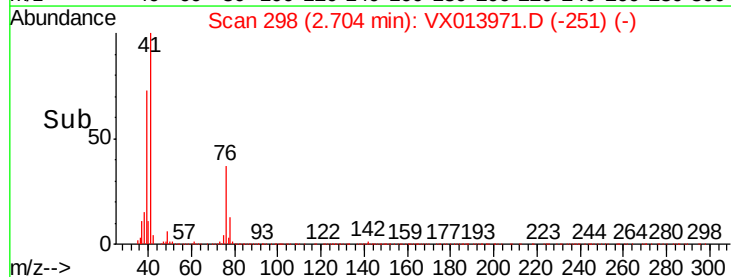
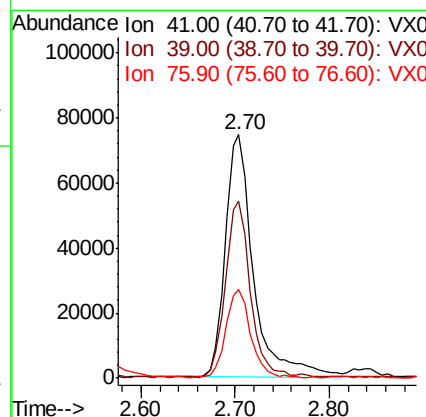
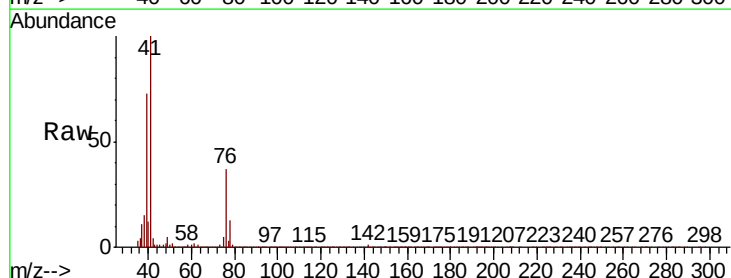
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

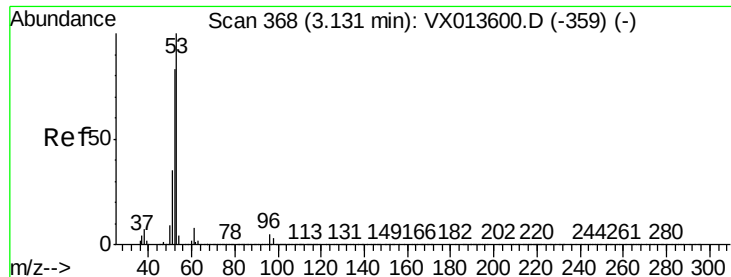
Tot Ion: 56 Resp: 72748
Ion Ratio Lower Upper
56 100
55 68.3 56.2 84.4



#14
Allyl chloride
Concen: 17.809 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 41 Resp: 155038
Ion Ratio Lower Upper
41 100
39 66.5 51.7 77.5
76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 89.772 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

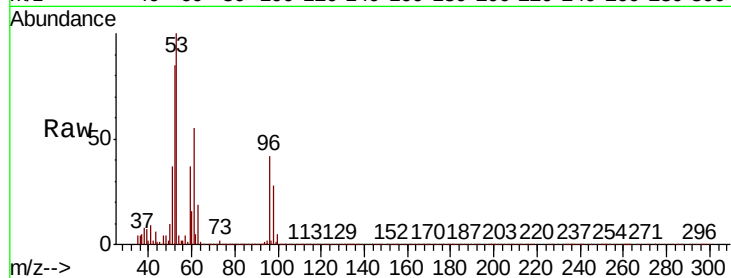
Tot Ion: 53 Resp: 267624

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.2

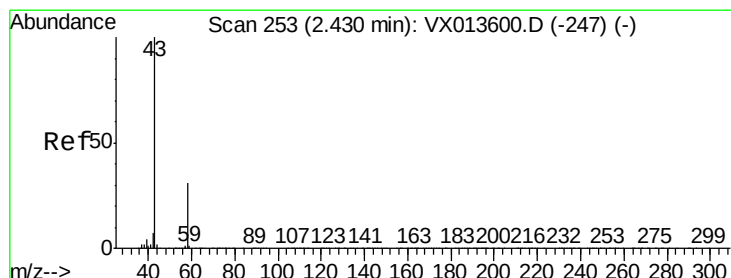
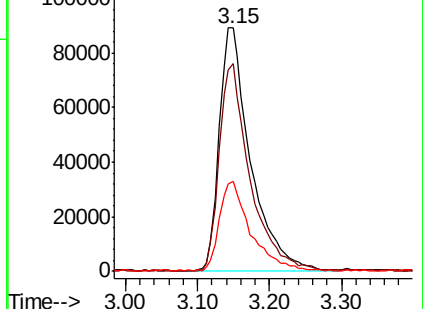
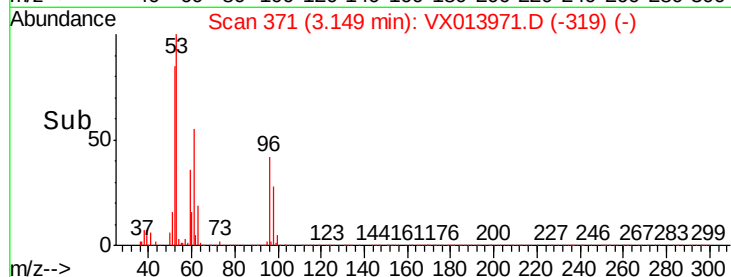
51 37.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.937 ug/l

RT: 2.46 min Scan# 258

Delta R.T. 0.03 min

Lab File: VX013971.D

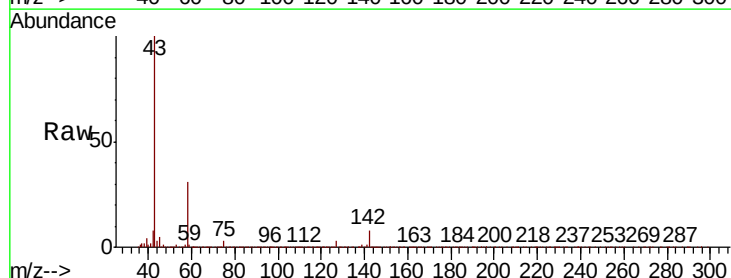
Acq: 12 Dec 2019 13:28

Tgt Ion: 43 Resp: 288691

Ion Ratio Lower Upper

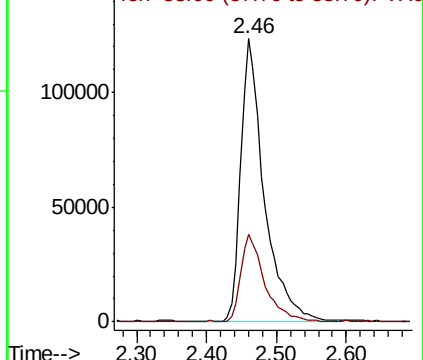
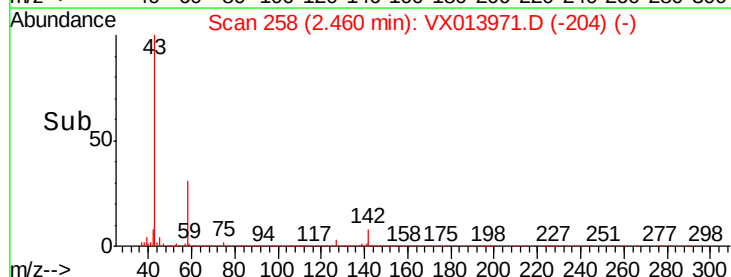
43 100

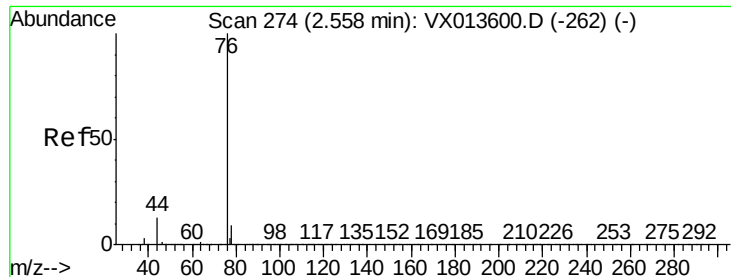
58 30.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.098 ug/l

RT: 2.53 min Scan# 270

Delta R.T. -0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

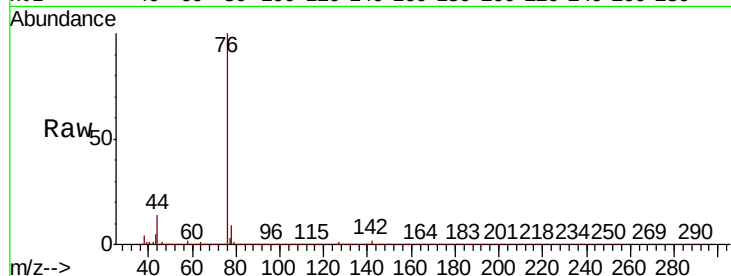
VX1212WBS03

Tot Ion: 76 Resp: 192791

Ion Ratio Lower Upper

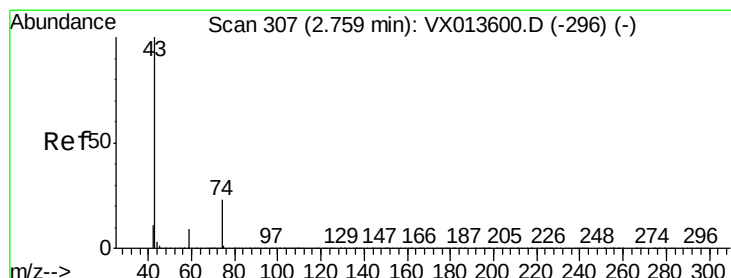
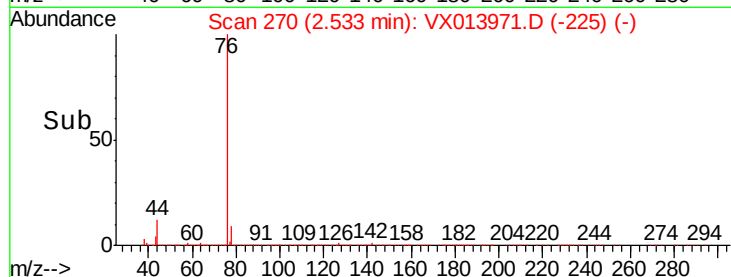
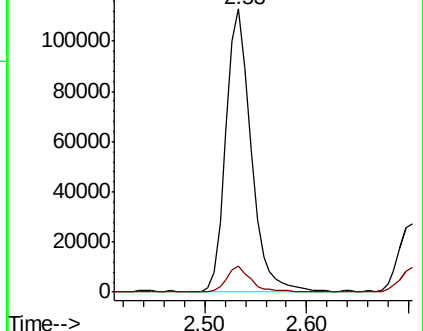
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.461 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX013971.D

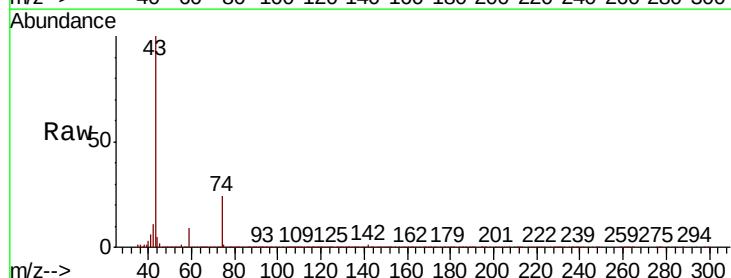
Acq: 12 Dec 2019 13:28

Tgt Ion: 43 Resp: 164587

Ion Ratio Lower Upper

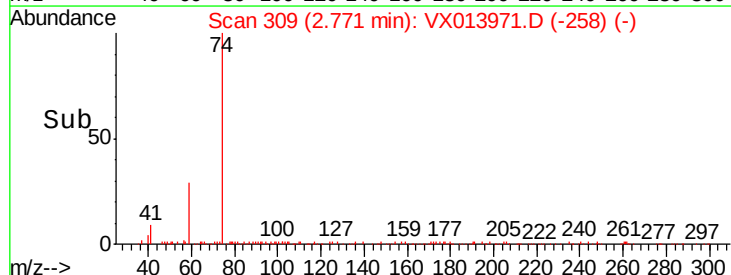
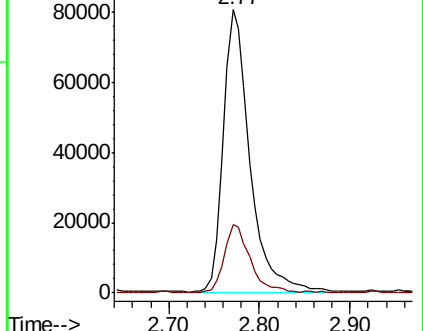
43 100

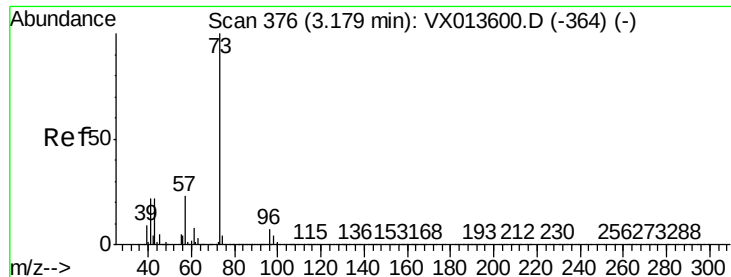
74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



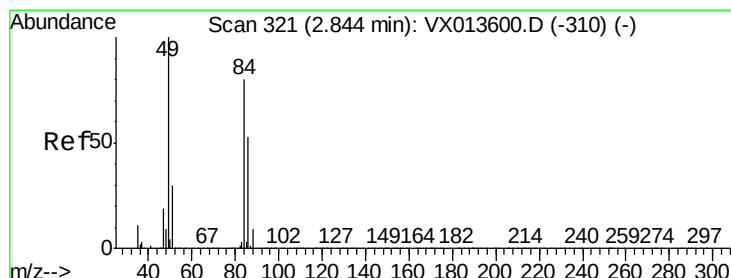
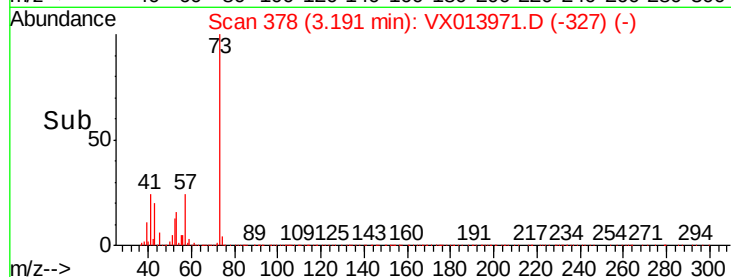
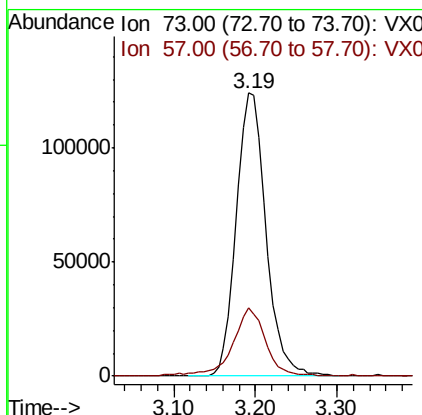
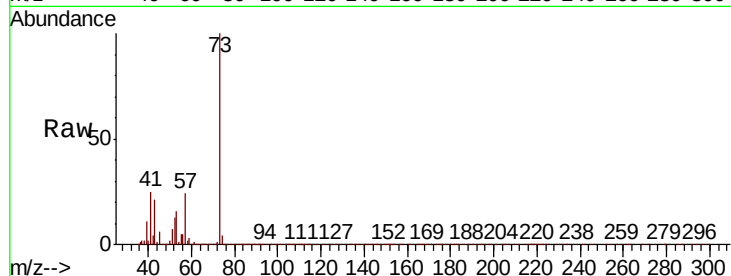


#19

Methyl tert-butyl Ether
 Concen: 19.688 ug/l
 RT: 3.19 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS03

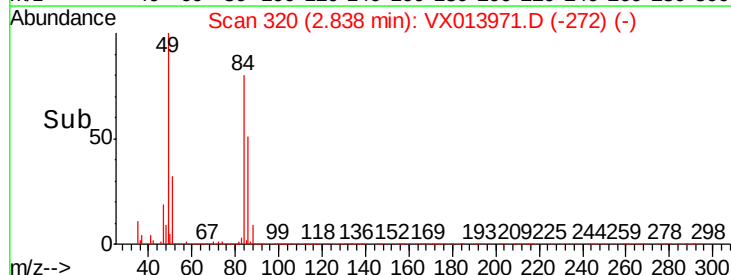
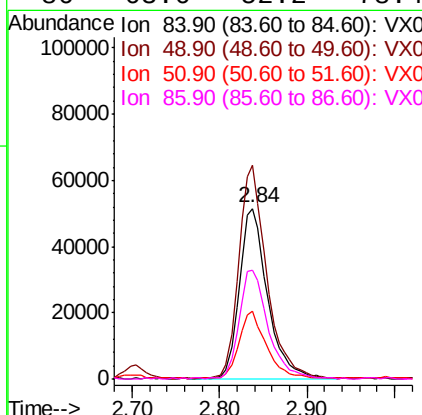
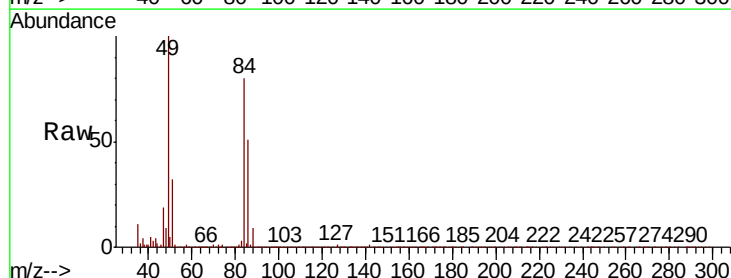
Tot Ion: 73 Resp: 312876
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.3 27.5

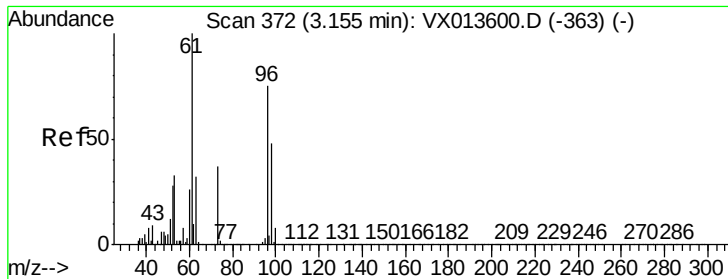


#20

Methylene Chloride
 Concen: 20.714 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion: 84 Resp: 114958
 Ion Ratio Lower Upper
 84 100
 49 124.7 99.7 149.5
 51 39.7 29.9 44.9
 86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

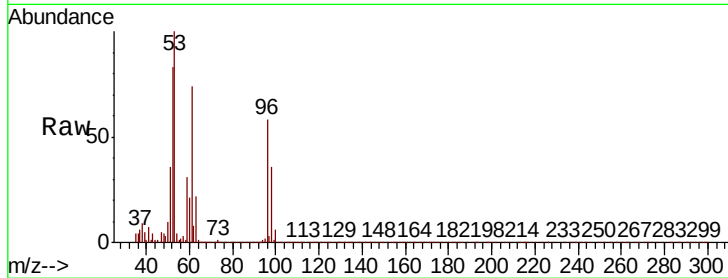
Tot Ion: 96 Resp: 94774

Ion Ratio Lower Upper

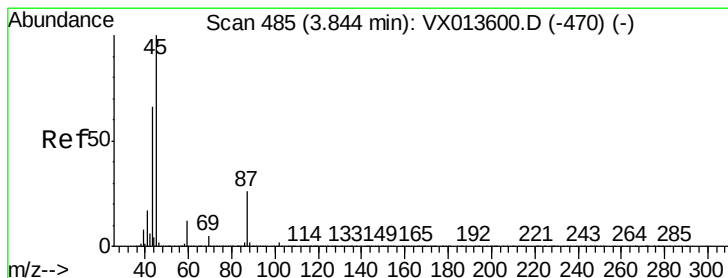
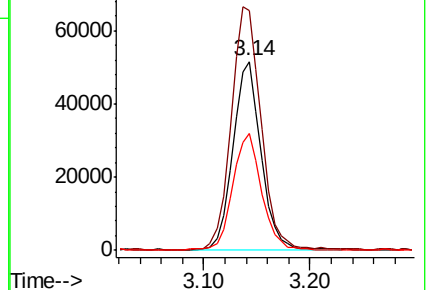
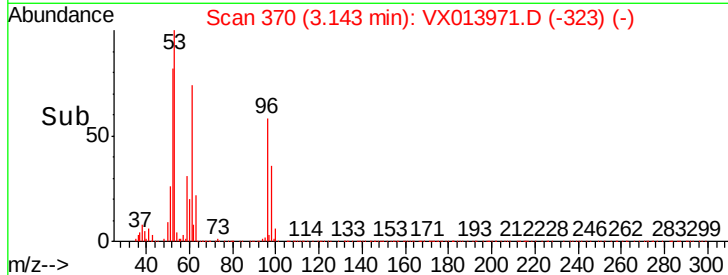
96 100

61 127.1 107.2 160.8

98 61.5 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.283 ug/l

RT: 3.86 min Scan# 487

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion: 45 Resp: 339993

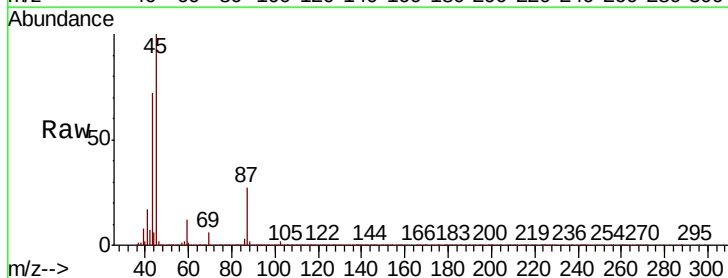
Ion Ratio Lower Upper

45 100

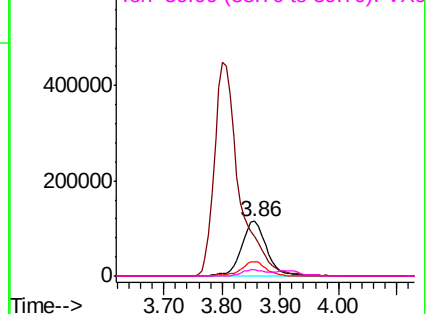
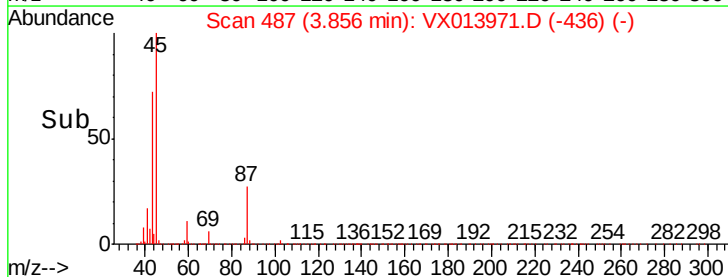
43 72.0 52.6 79.0

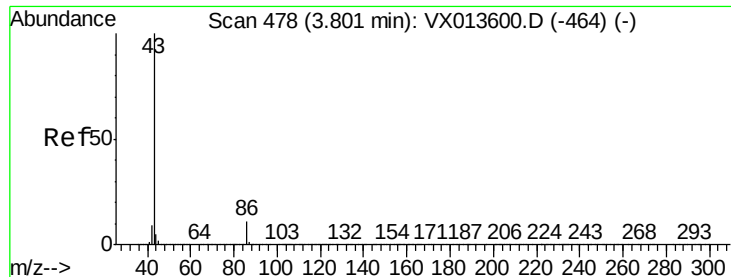
87 26.7 21.1 31.7

59 11.5 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.139 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

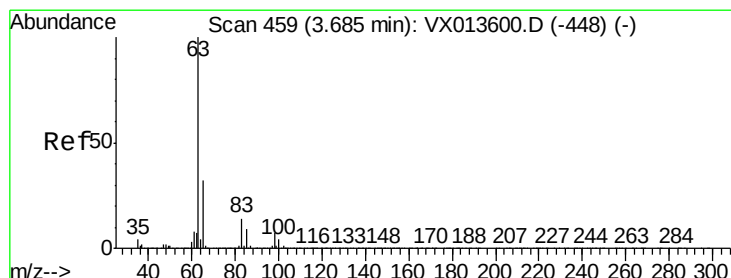
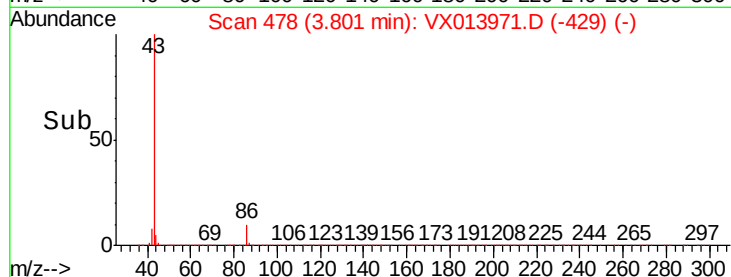
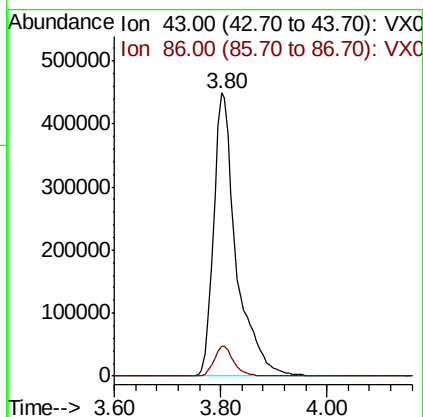
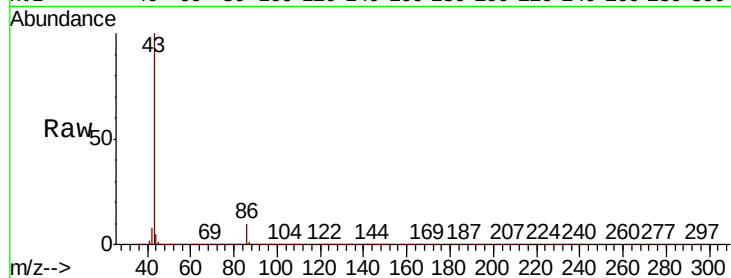
VX1212WBS03

Tot Ion: 43 Resp: 1326689

Ion Ratio Lower Upper

43 100

86 10.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.052 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

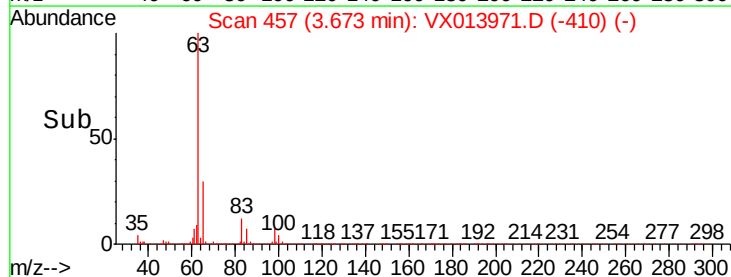
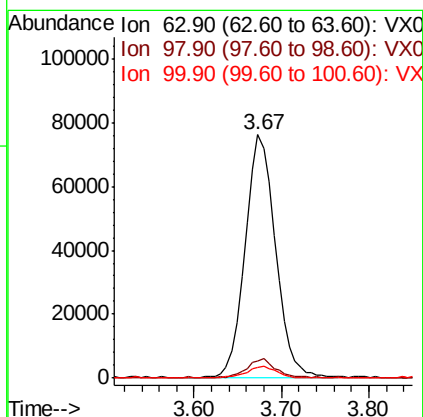
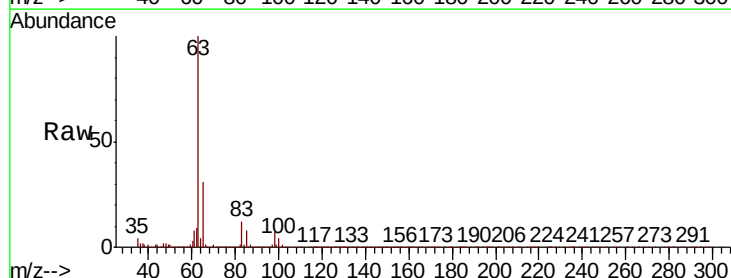
Tgt Ion: 63 Resp: 183748

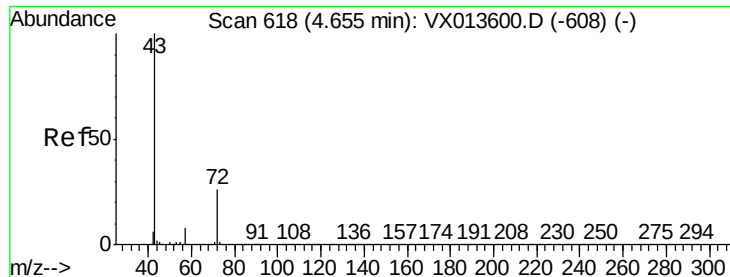
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 90.125 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

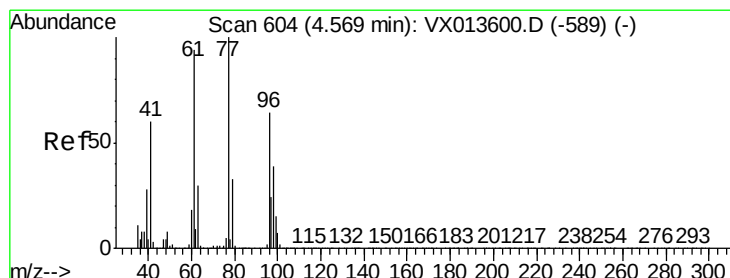
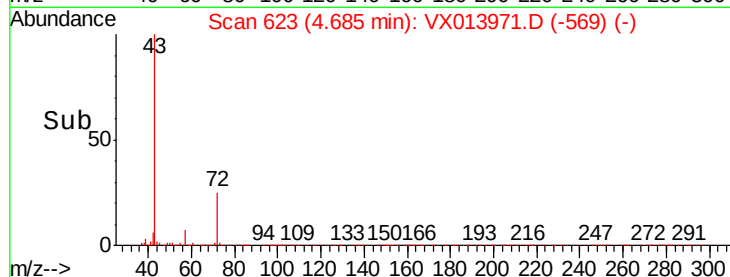
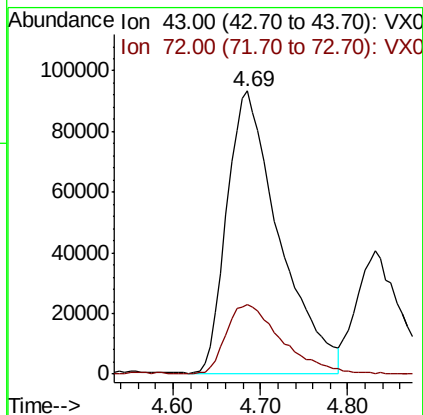
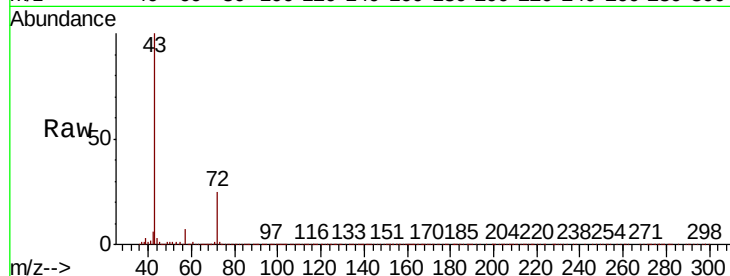
VX1212WBS03

Tot Ion: 43 Resp: 386924

Ion Ratio Lower Upper

43 100

72 24.6 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.730 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013971.D

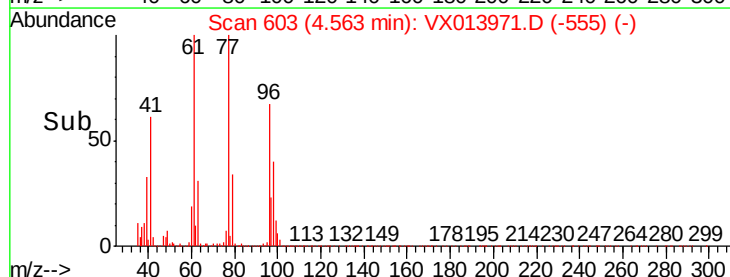
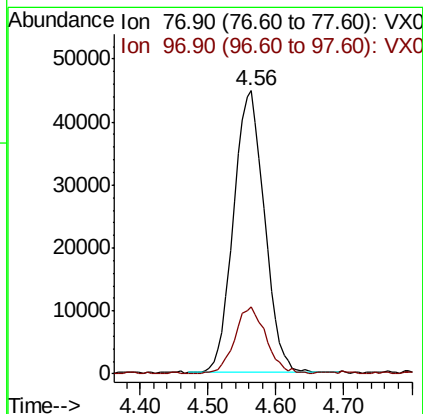
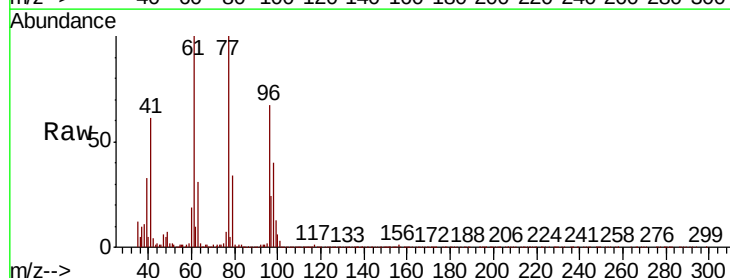
Acq: 12 Dec 2019 13:28

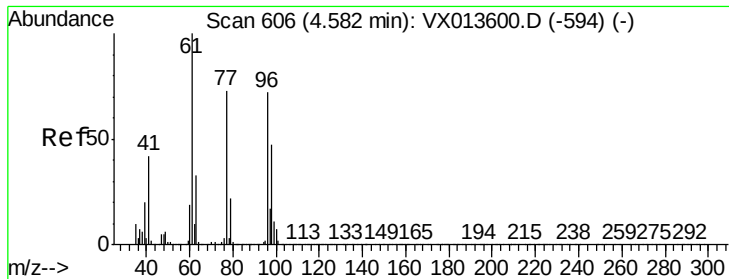
Tgt Ion: 77 Resp: 142004

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1



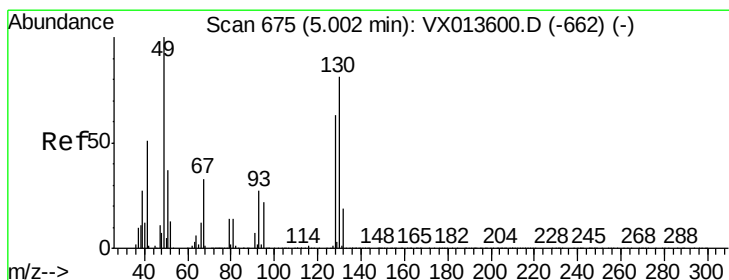
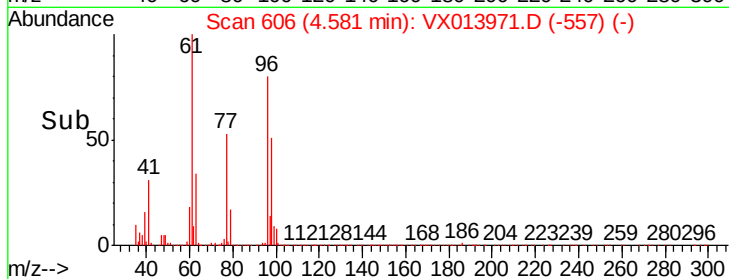
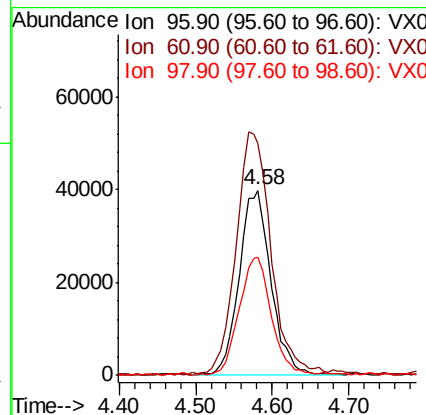
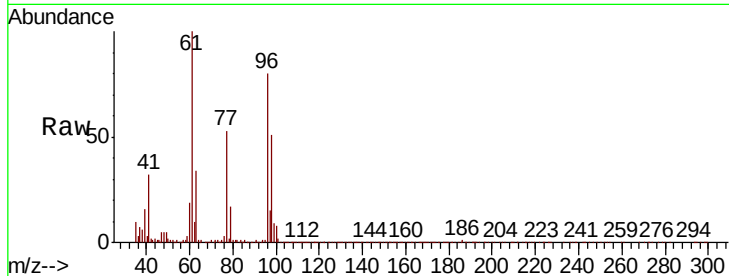


#27

cis-1,2-Dichloroethene
 Concen: 18.941 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

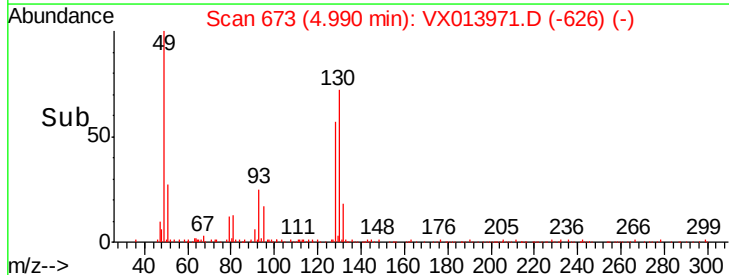
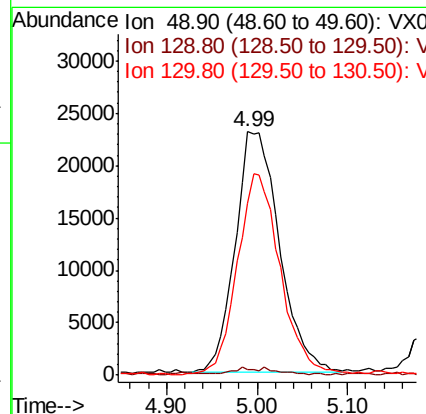
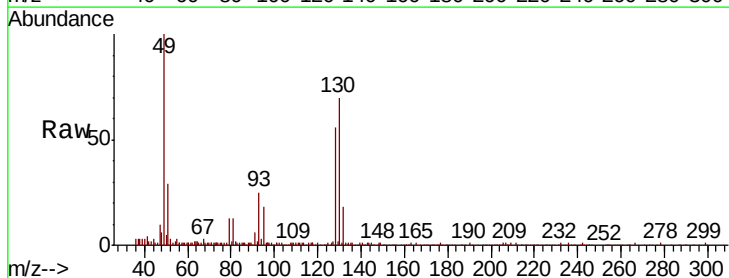
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	286.4
98	65.6	0.0	127.4

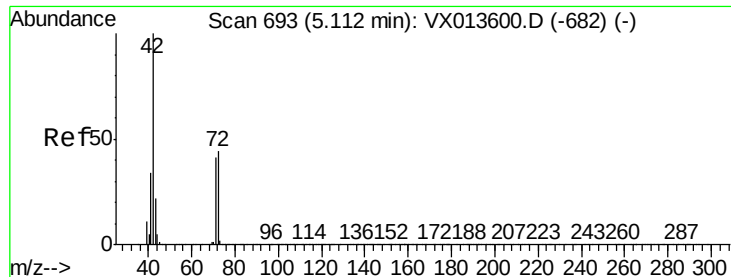


#28

Bromochloromethane
 Concen: 21.504 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.0
130	81.4	65.4	98.0





#29

Tetrahydrofuran

Concen: 87.570 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

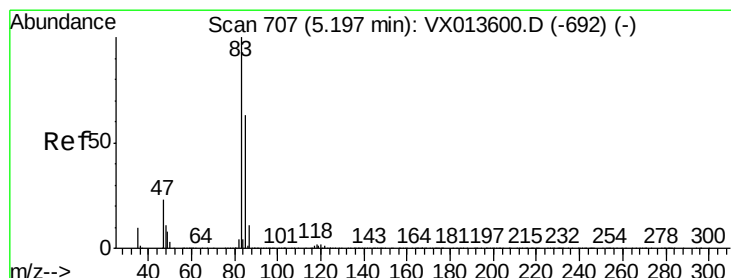
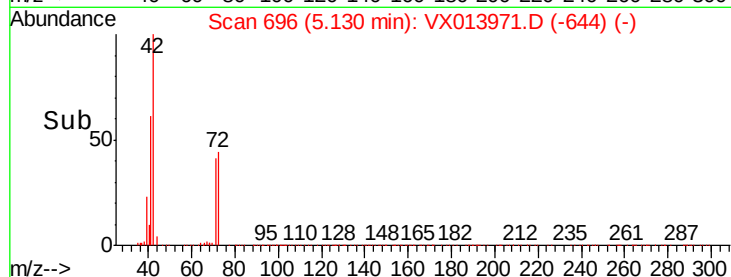
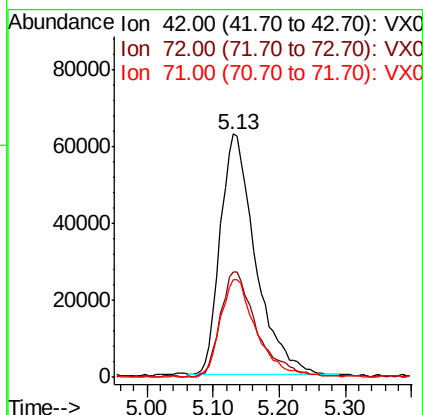
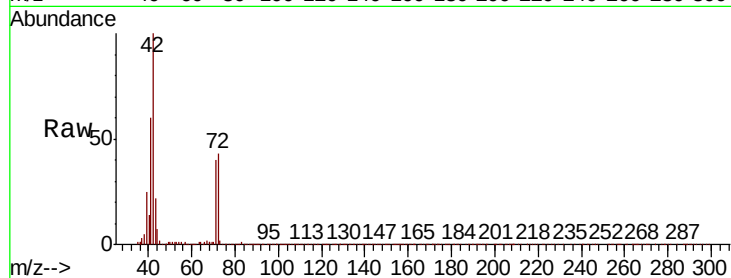
Tot Ion: 42 Resp: 231766

Ion Ratio Lower Upper

42 100

72 44.6 36.3 54.5

71 42.1 33.2 49.8



#30

Chloroform

Concen: 19.082 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013971.D

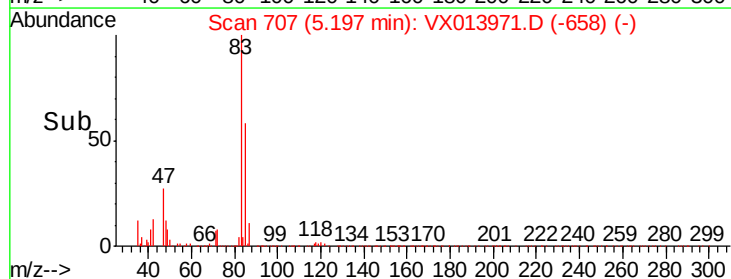
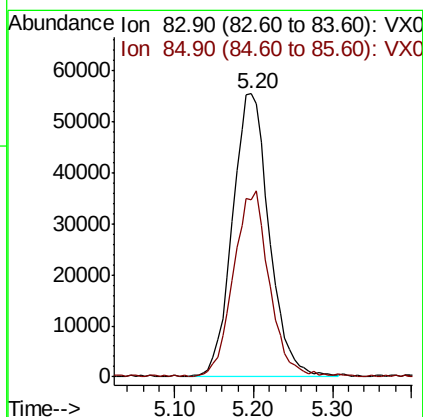
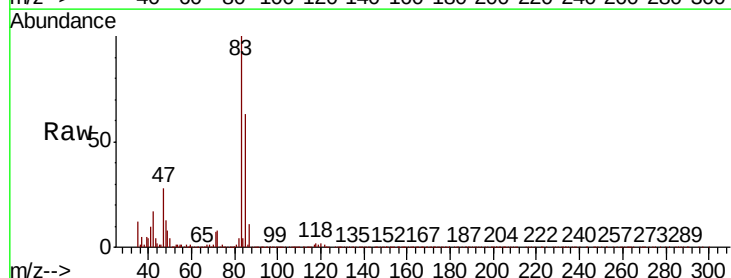
Acq: 12 Dec 2019 13:28

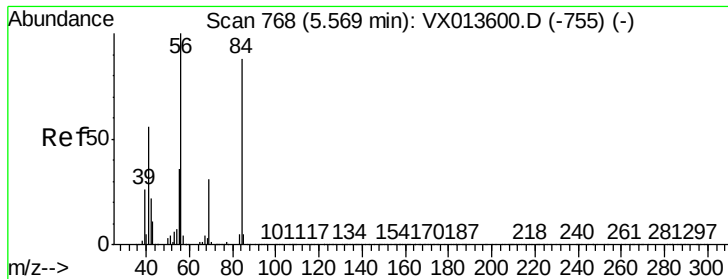
Tgt Ion: 83 Resp: 177337

Ion Ratio Lower Upper

83 100

85 62.4 50.2 75.4

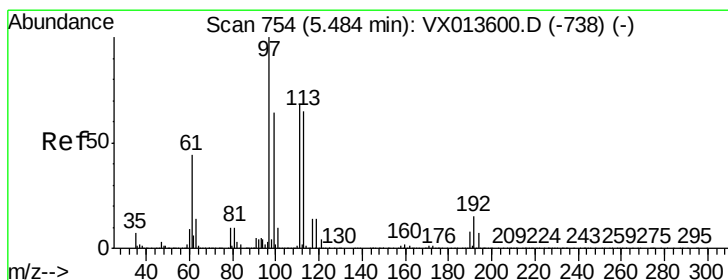
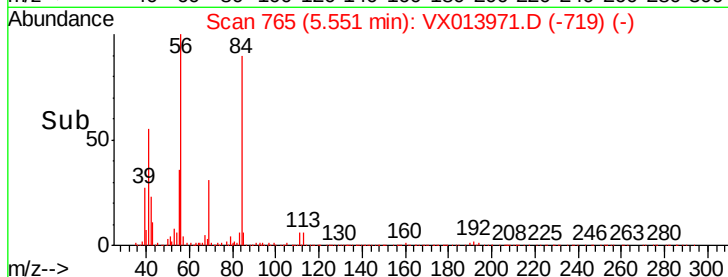
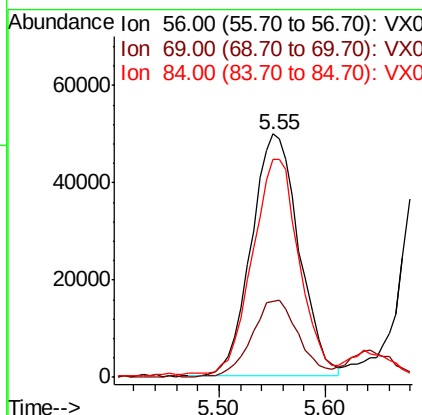
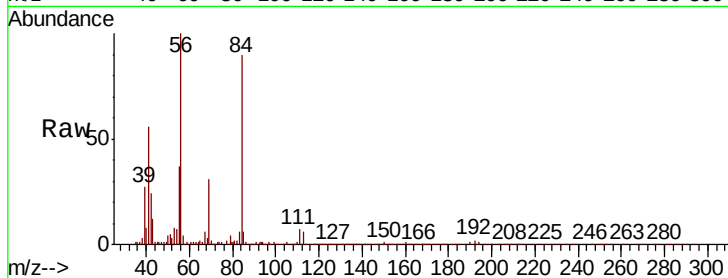




#31
Cyclohexane
Concen: 18.035 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

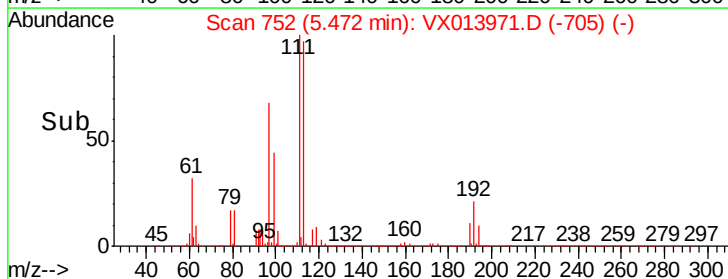
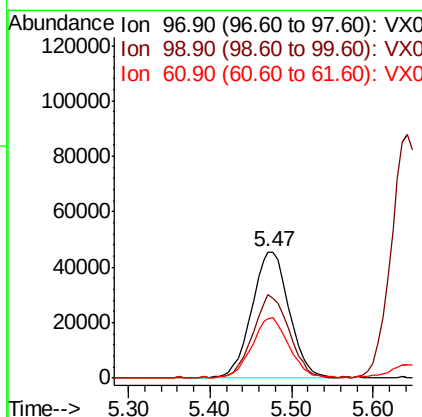
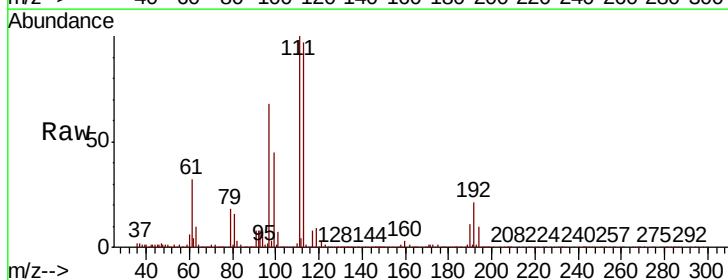
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

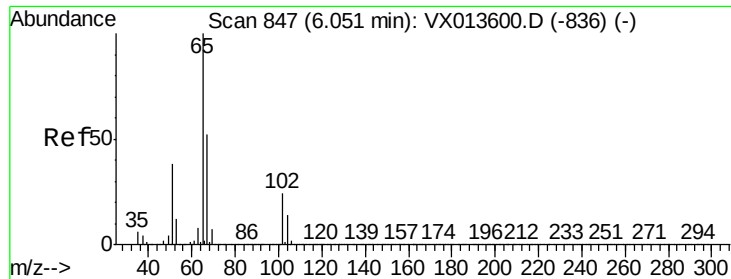
Tot Ion: 56 Resp: 155877
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 88.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.557 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 97 Resp: 144111
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 46.8 36.1 54.1

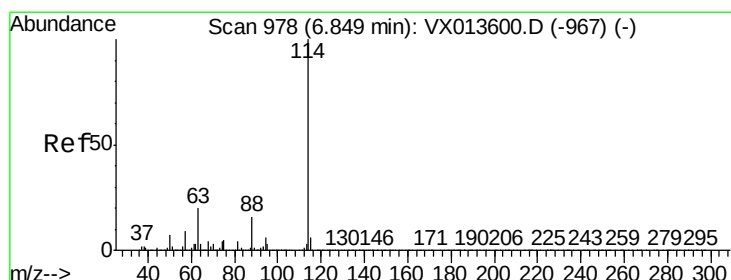
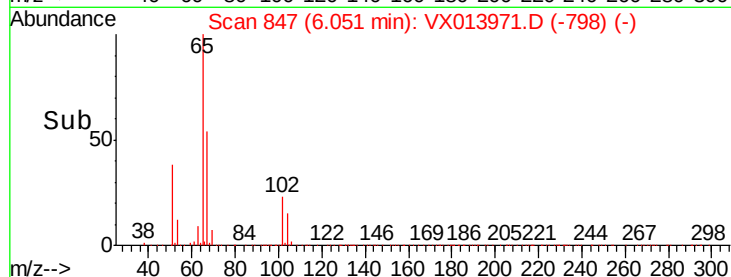
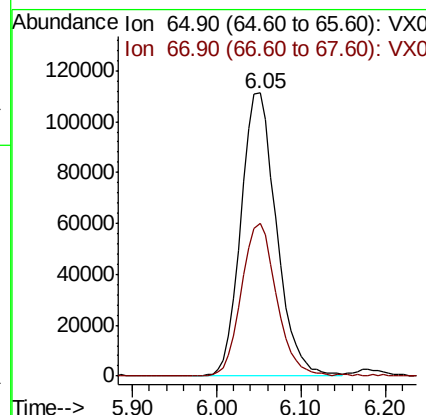
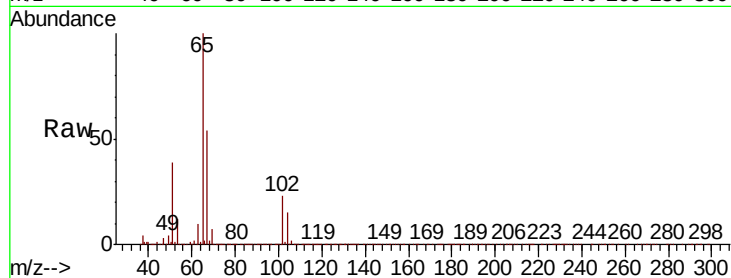




#33
 1,2-Dichloroethane-d4
 Concen: 54.001 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

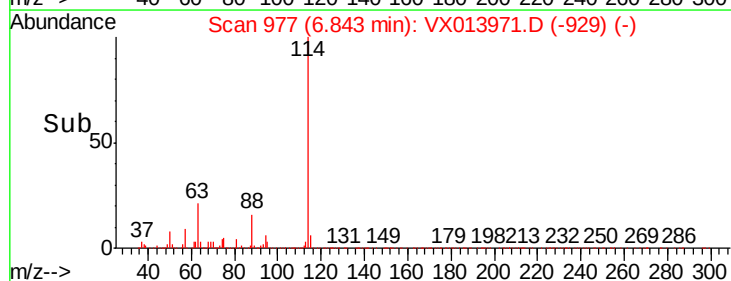
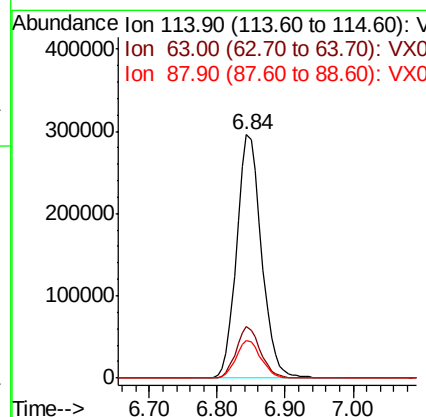
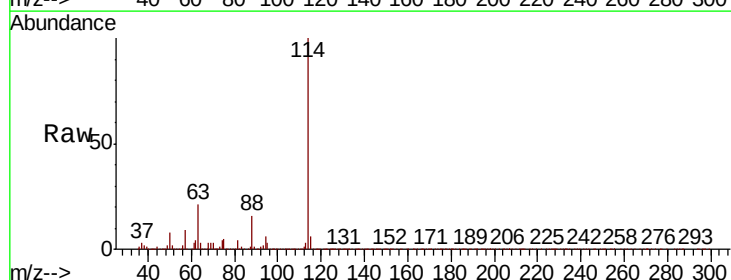
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

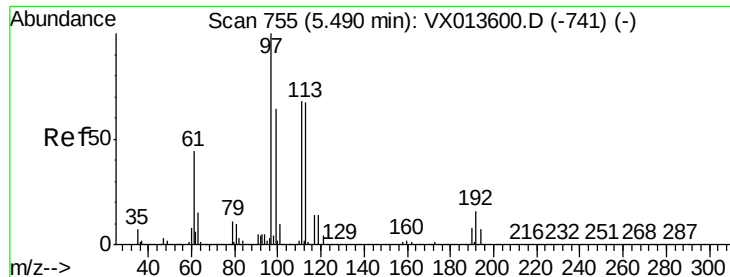
Tot Ion: 65 Resp: 315963
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion: 114 Resp: 749014
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.6
 88 15.5 0.0 31.4

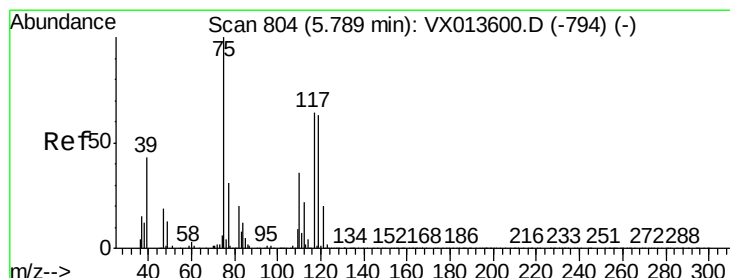
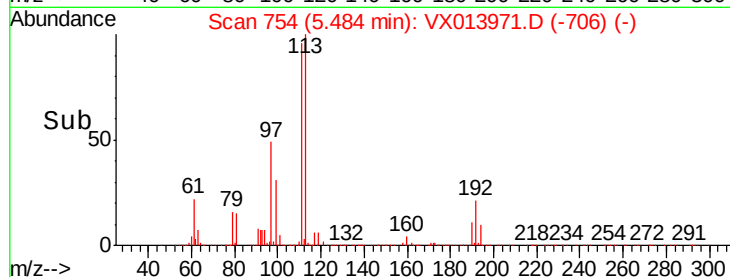
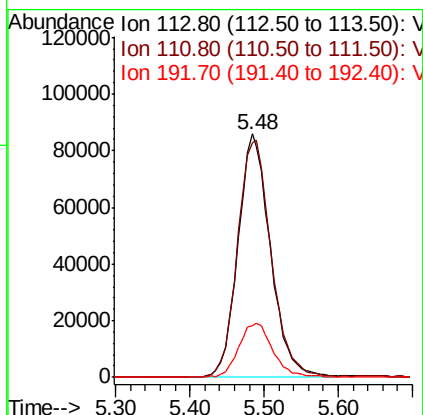
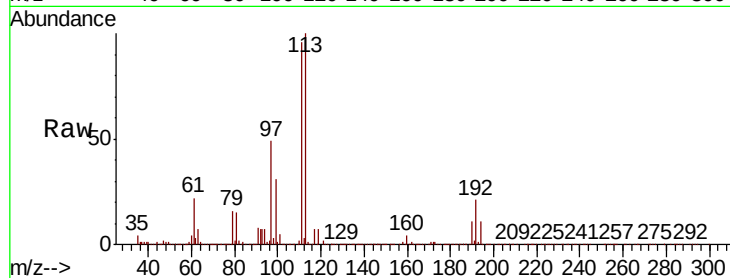




#35
Dibromofluoromethane
Concen: 56.530 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

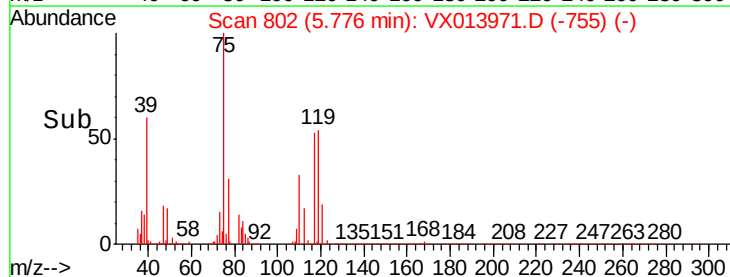
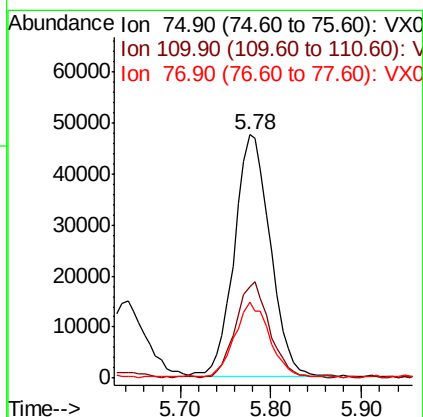
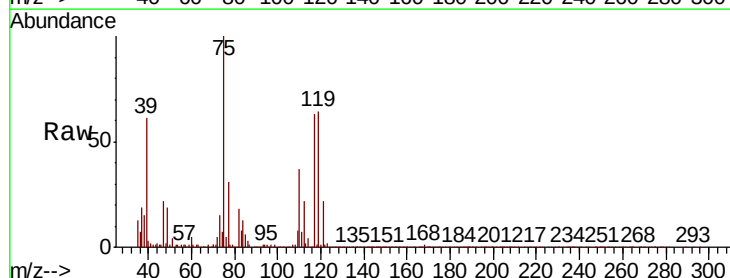
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

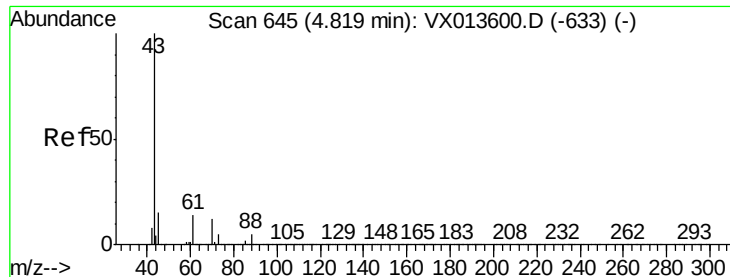
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.6	125.4
192	23.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 19.050 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.1	54.1
77	29.3	24.5	36.7

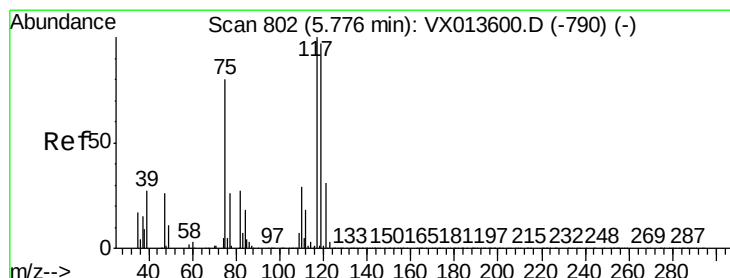
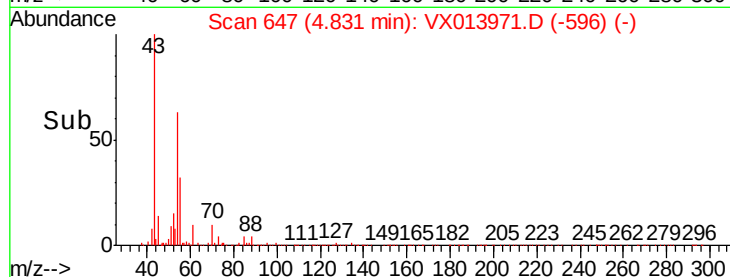
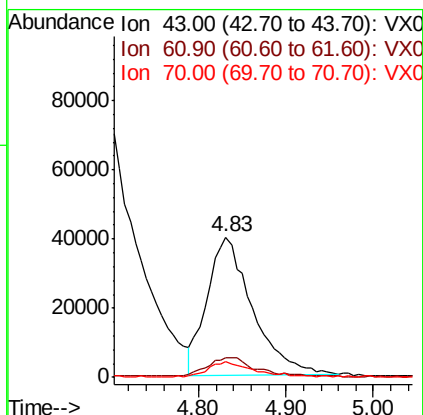
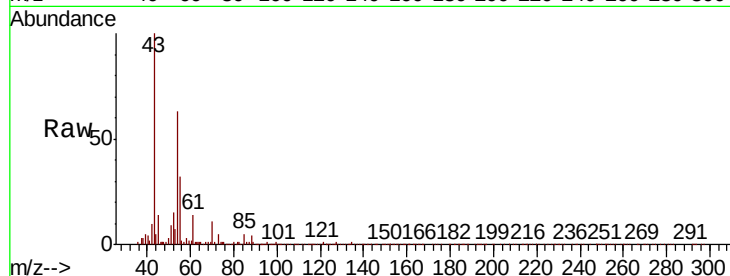




#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

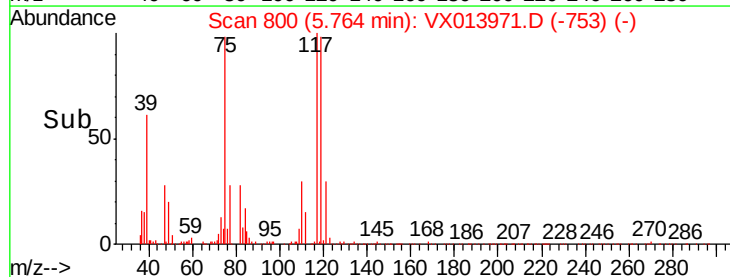
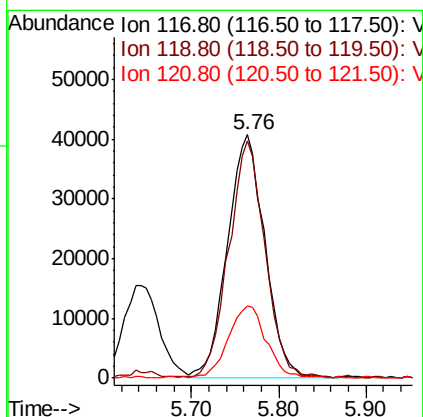
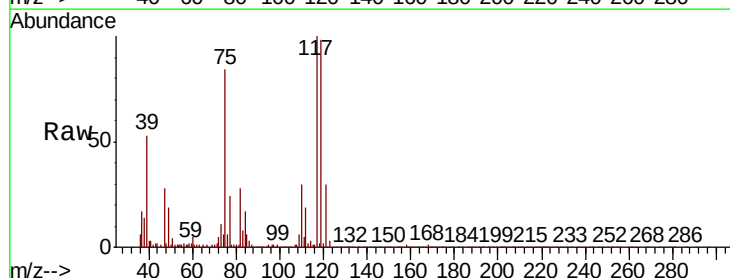
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

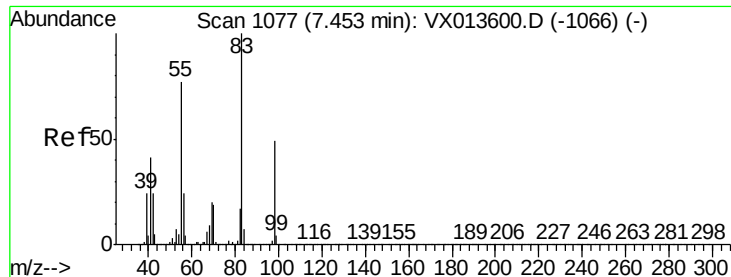
Tot Ion: 43 Resp: 143545
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 10.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.182 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 117 Resp: 120262
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
121 29.2 25.0 37.6

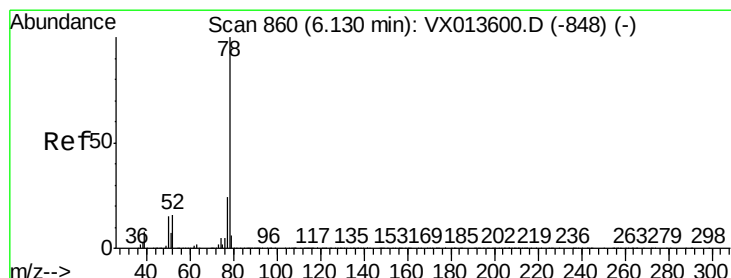
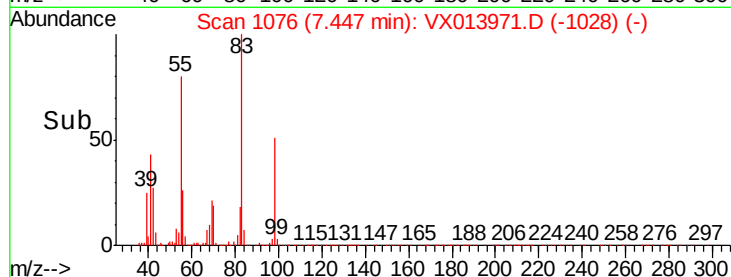
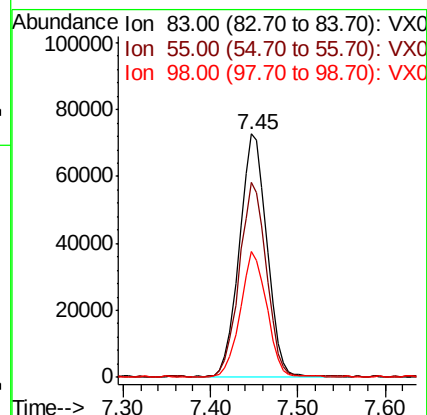
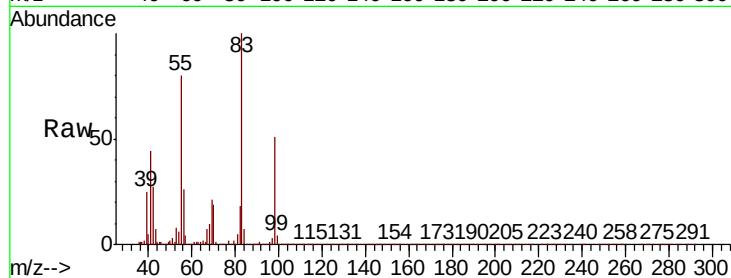




#39
Methylvlcyclohexane
Concen: 19.065 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

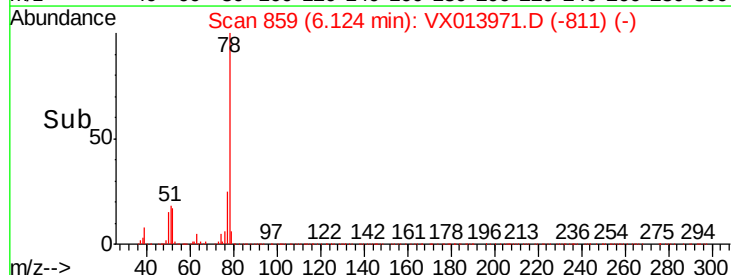
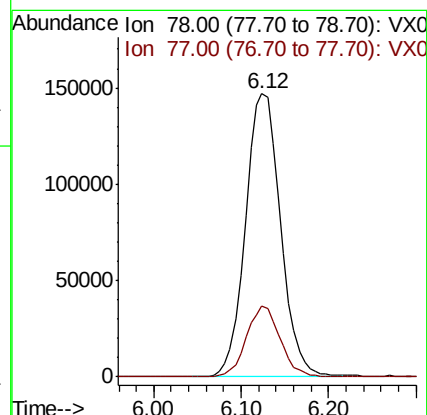
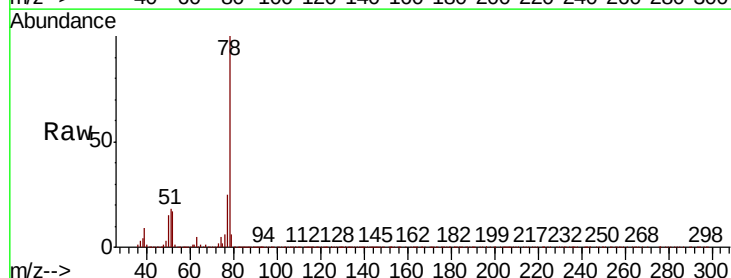
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

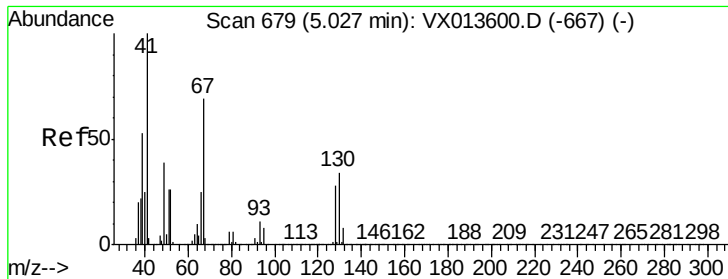
Tot Ion	83	Resp	160229
Ion Ratio	Lower	Upper	
83	100		
55	80.0	61.9	92.9
98	51.2	39.4	59.0



#40
Benzene
Concen: 19.639 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	78	Resp	406686
Ion Ratio	Lower	Upper	
78	100		
77	25.1	19.0	28.4





#41

Methacrylonitrile

Concen: 17.383 ug/l

RT: 5.04 min Scan# 682

Delta R.T. 0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 41 Resp: 72716

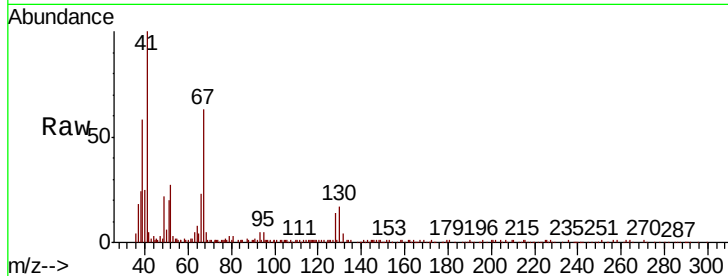
Ion Ratio Lower Upper

41 100

39 52.7 42.9 64.3

67 80.0 57.4 86.0

52 33.5 22.4 33.6

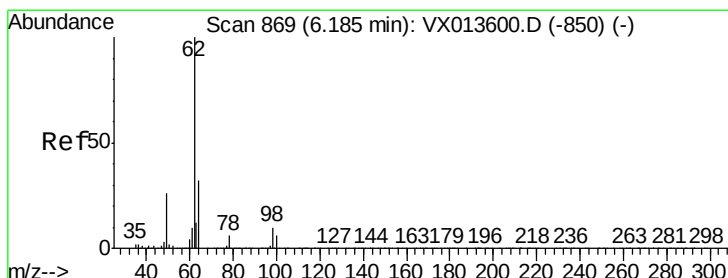
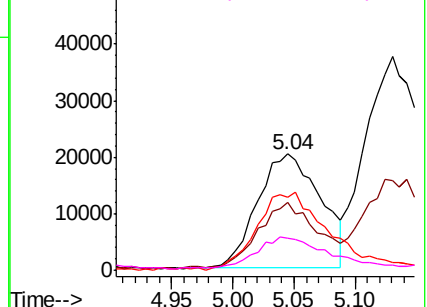
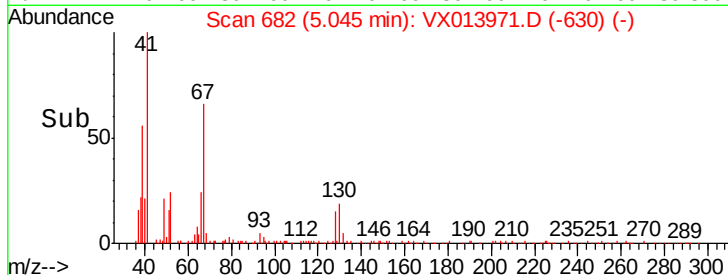


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.689 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013971.D

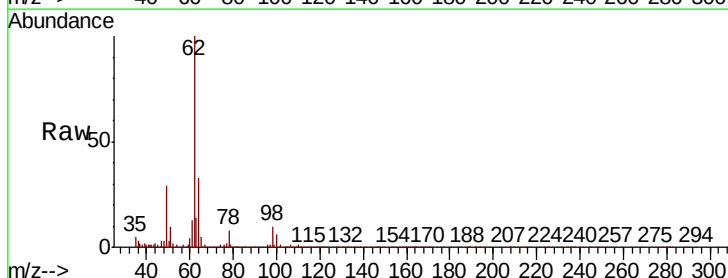
Acq: 12 Dec 2019 13:28

Tgt Ion: 62 Resp: 146110

Ion Ratio Lower Upper

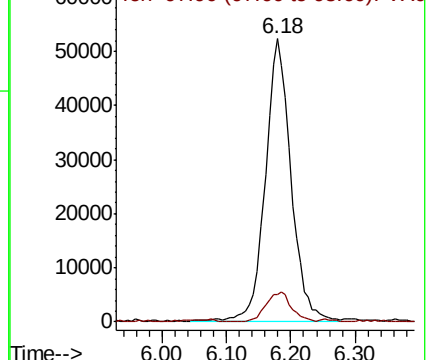
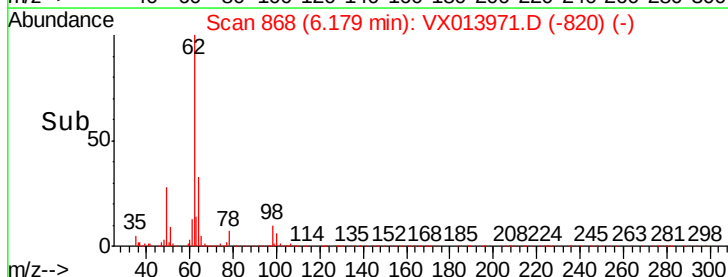
62 100

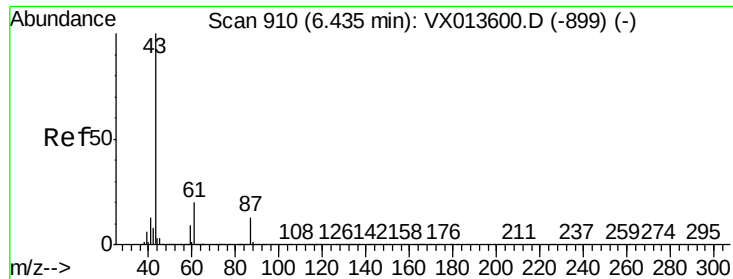
98 10.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



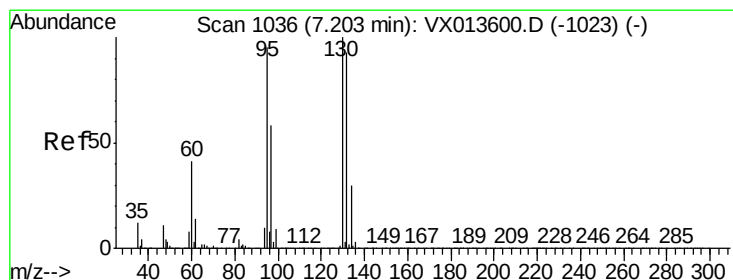
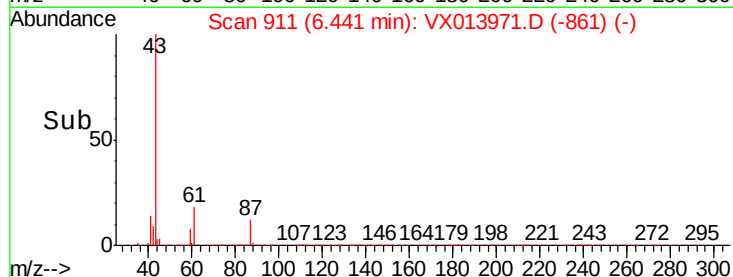
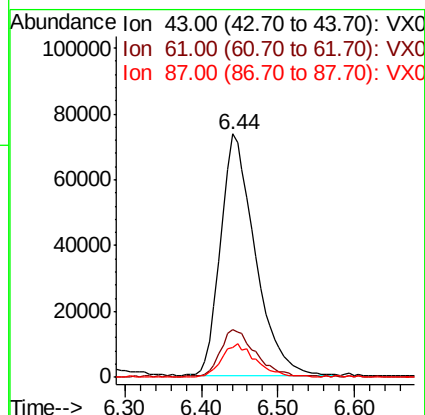
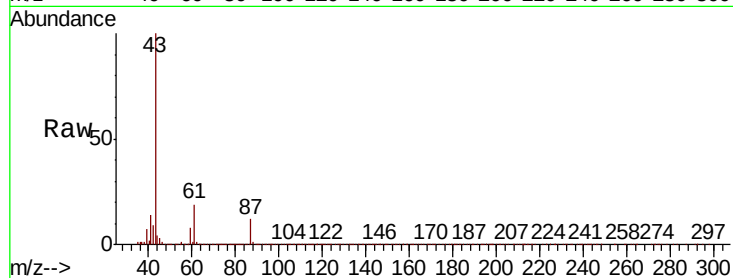


#43

Isopropyl Acetate
 Concen: 18.188 ug/l
 RT: 6.44 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

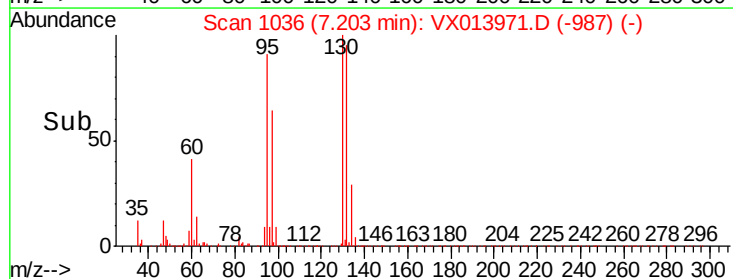
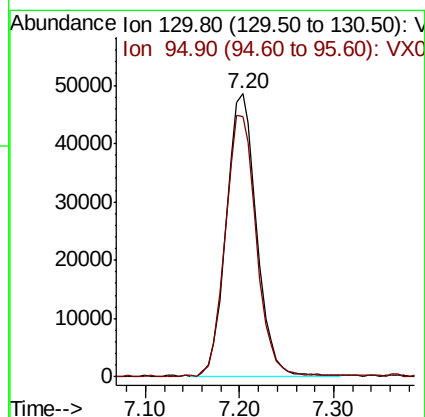
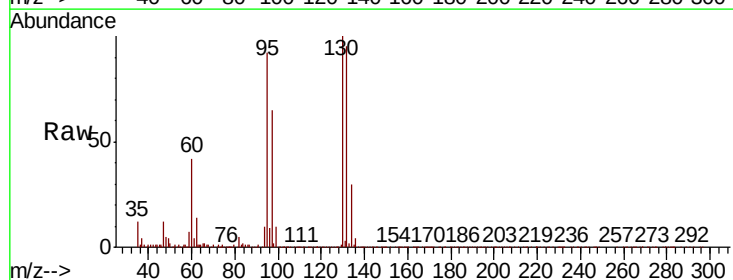
Tot Ion	43	Resp	228395
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.3	24.5
87	13.6	10.8	16.2

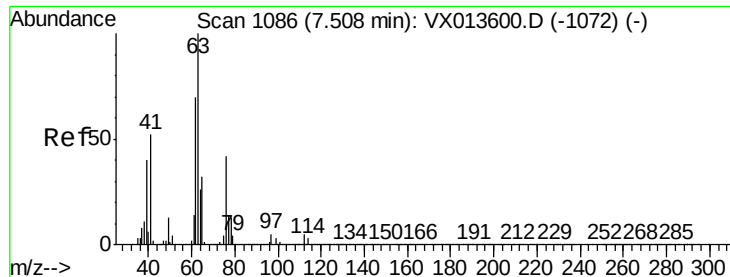


#44

Trichloroethene
 Concen: 18.899 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	130	Resp	107405
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.298 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampled :

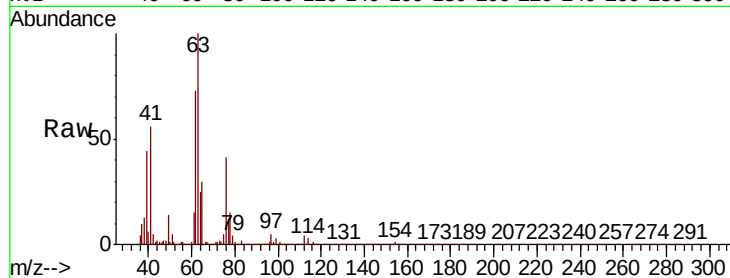
VX1212WBS03

Tot Ion: 63 Resp: 105168

Ion Ratio Lower Upper

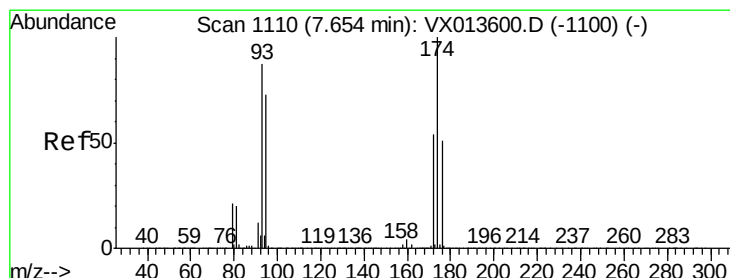
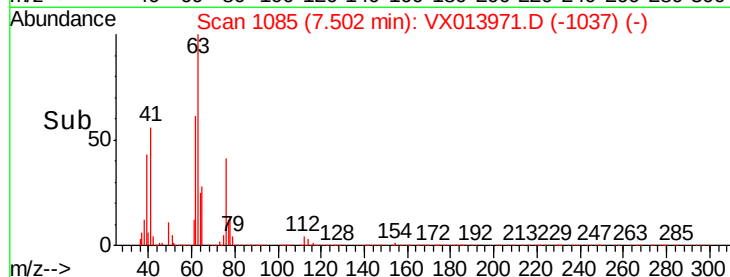
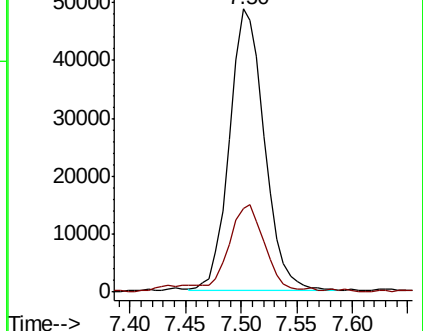
63 100

65 29.3 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.703 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

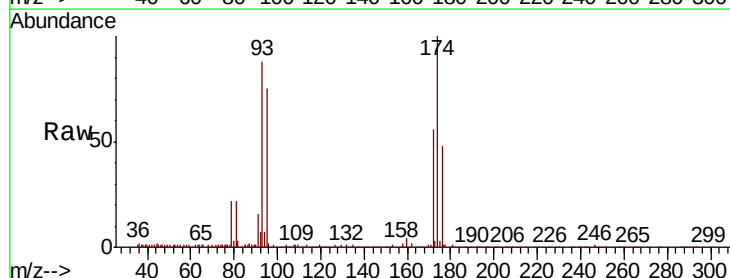
Tgt Ion: 93 Resp: 65814

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

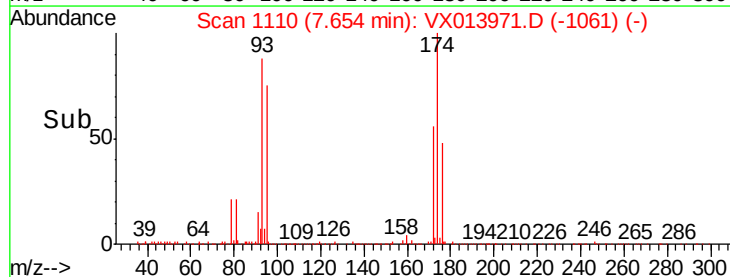
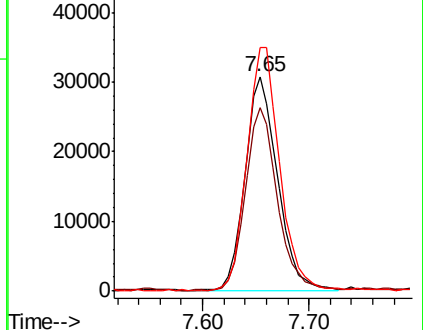
174 114.7 93.4 140.0

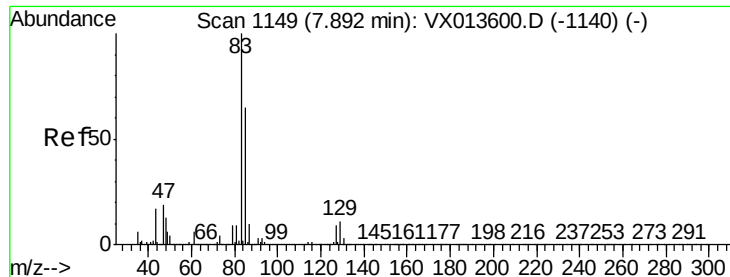


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.657 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

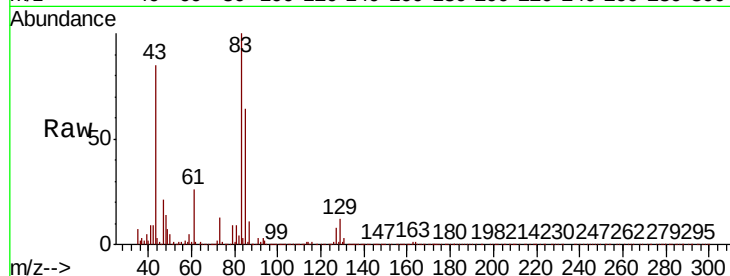
Tot Ion: 83 Resp: 124110

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

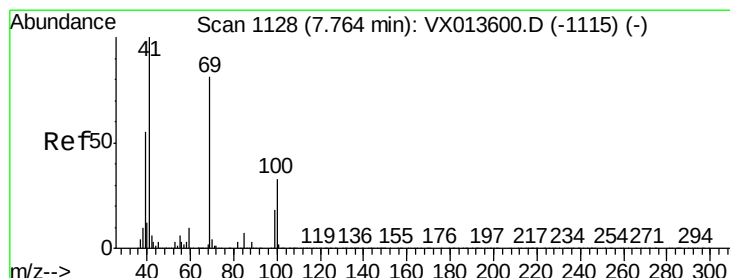
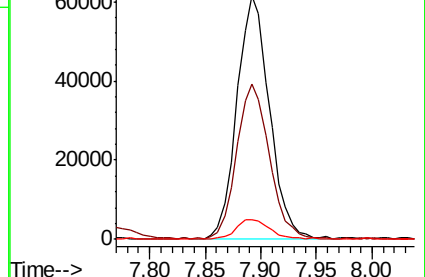
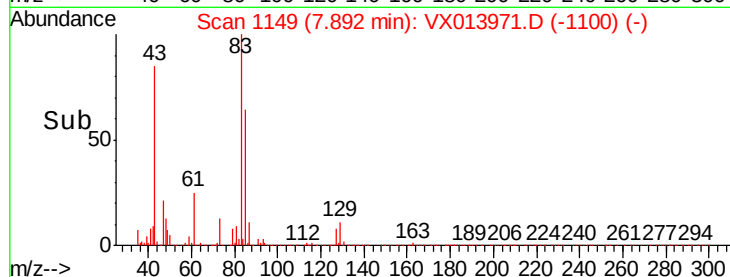
127 7.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.678 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

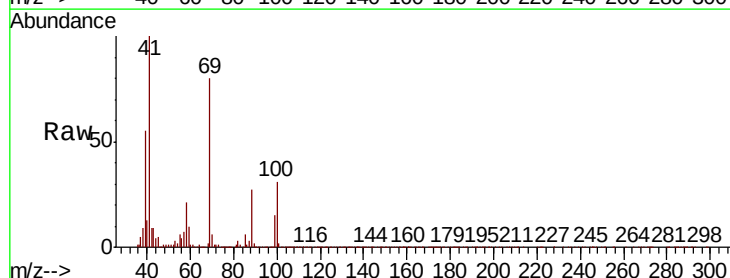
Tgt Ion: 41 Resp: 113962

Ion Ratio Lower Upper

41 100

69 82.0 64.7 97.1

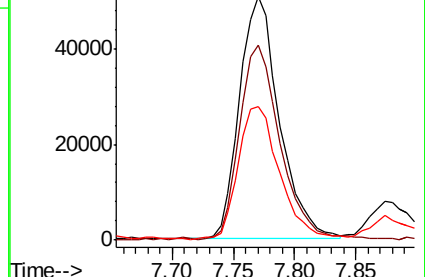
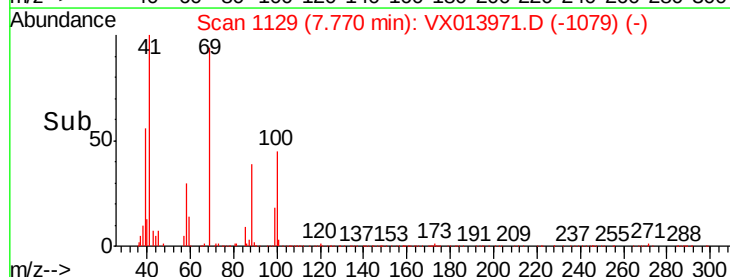
39 56.9 43.8 65.6

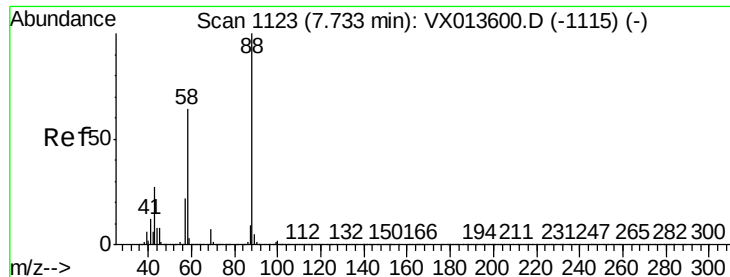


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

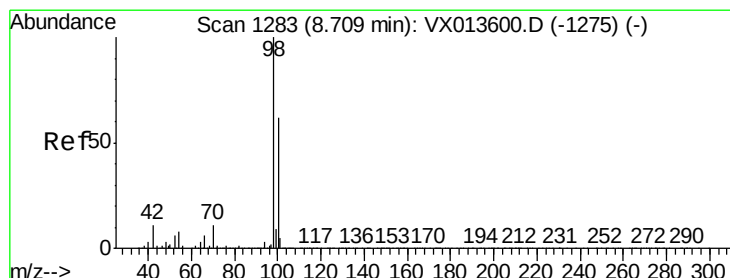
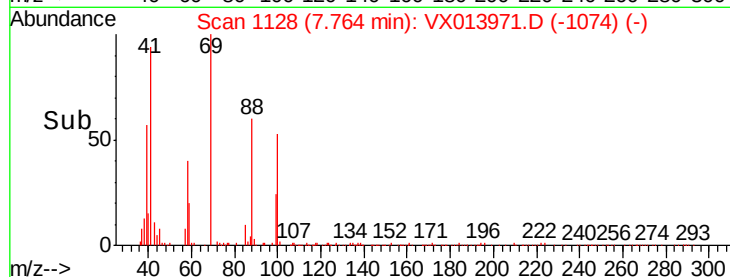
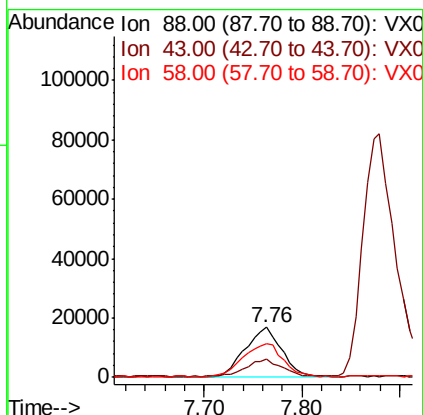
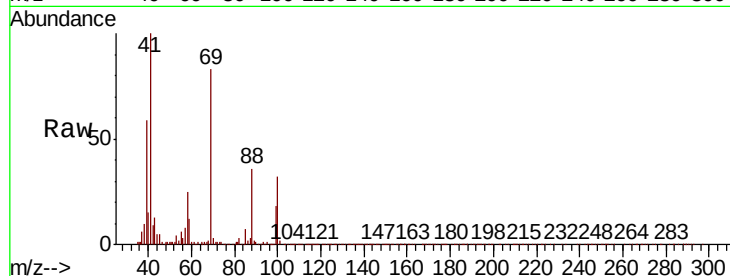




#49
1,4-Dioxane
Concen: 317.787 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

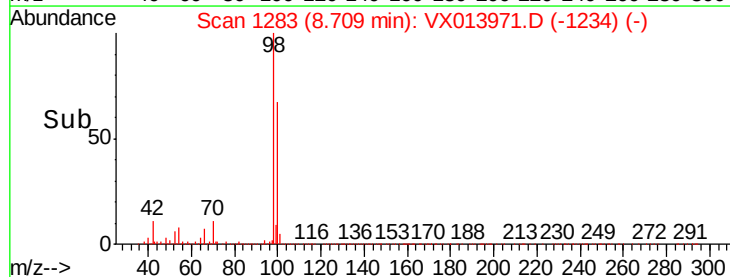
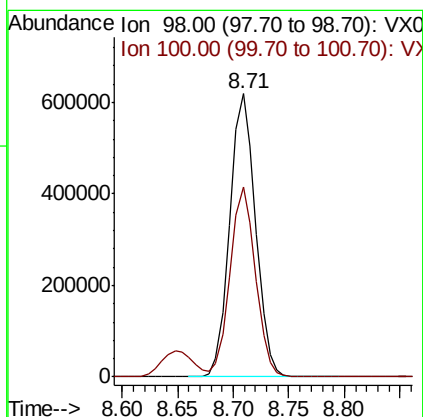
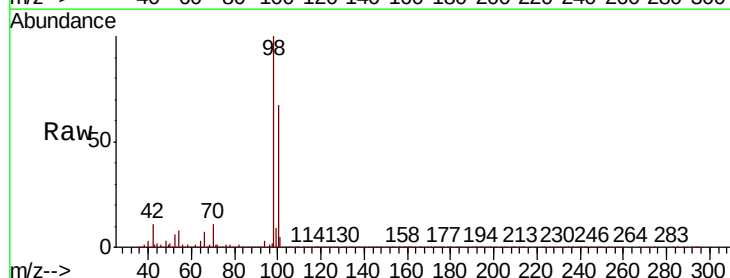
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

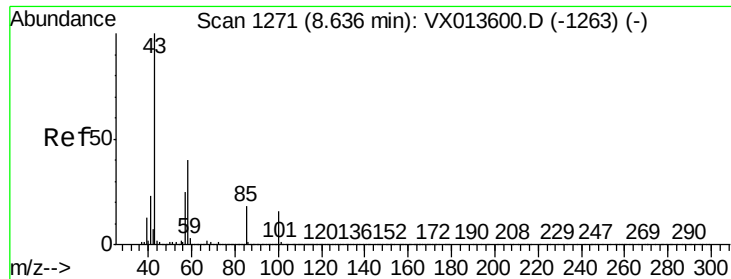
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.8	38.6
58	73.0	54.6	82.0



#50
Toluene-d8
Concen: 54.875 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 93.422 ug/l

RT: 8.65 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

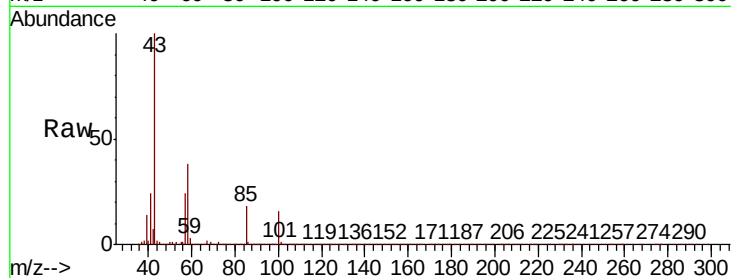
VX1212WBS03

Tot Ion: 43 Resp: 737935

Ion Ratio Lower Upper

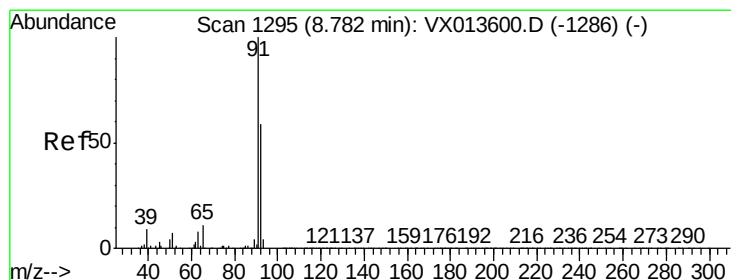
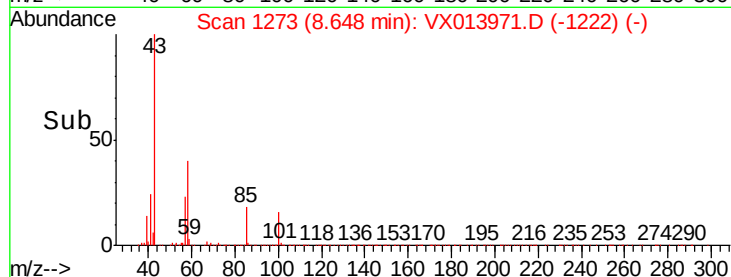
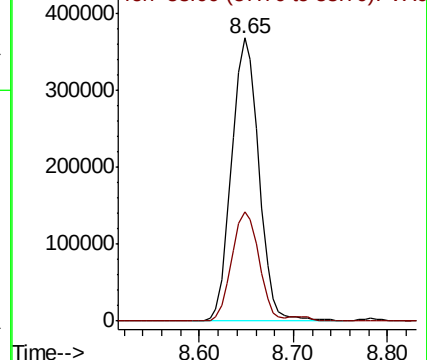
43 100

58 38.7 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.697 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013971.D

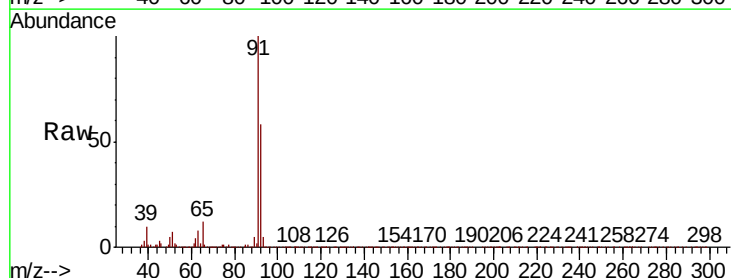
Acq: 12 Dec 2019 13:28

Tgt Ion: 92 Resp: 253398

Ion Ratio Lower Upper

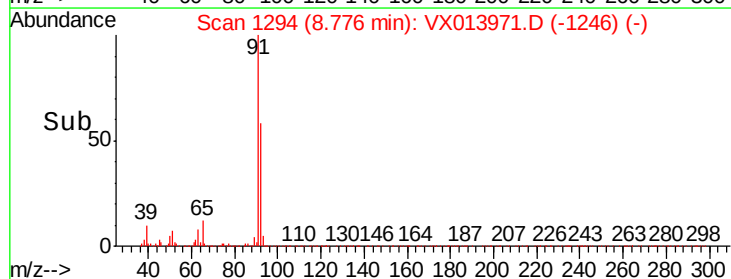
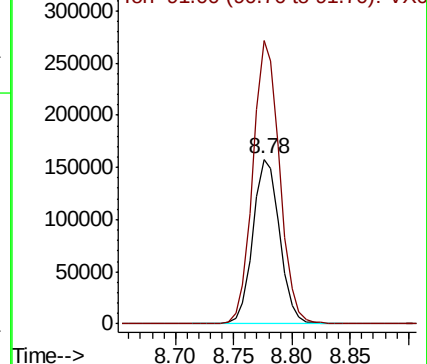
92 100

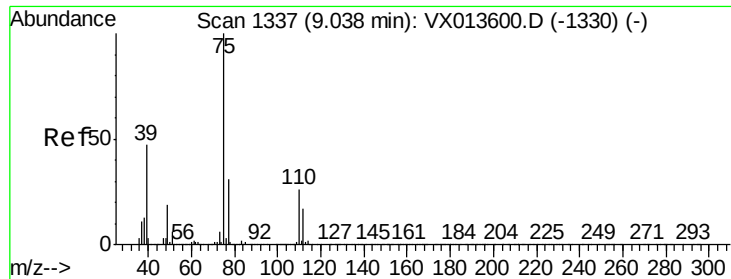
91 172.0 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.909 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

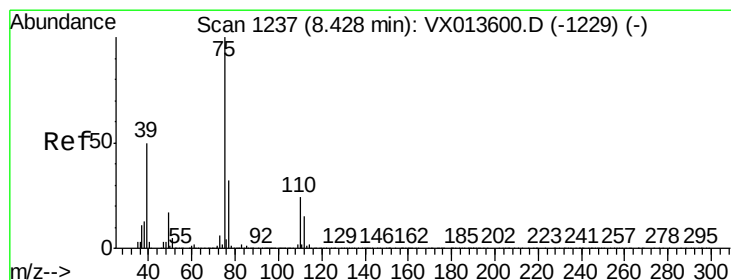
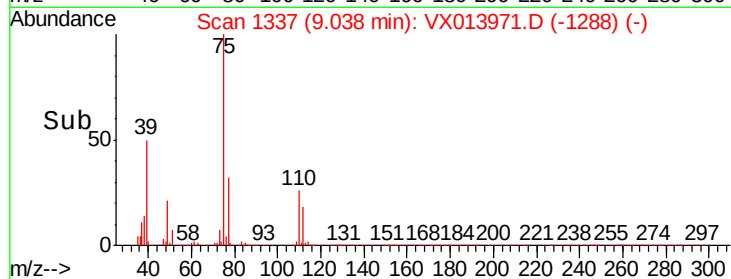
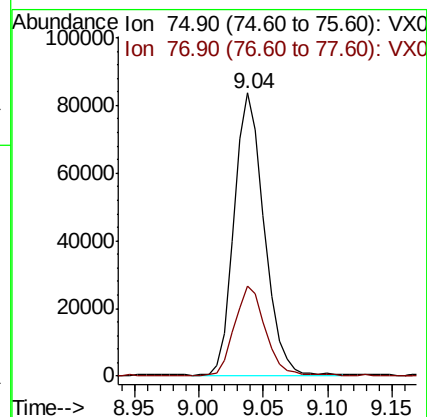
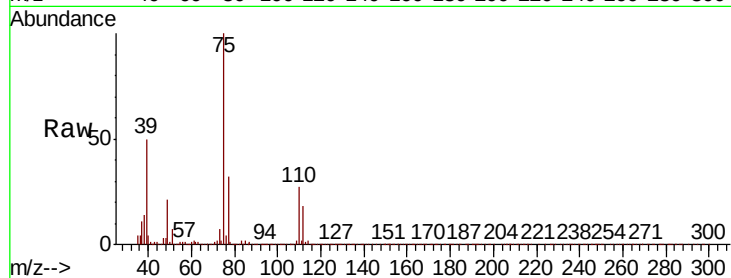
VX1212WBS03

Tot Ion: 75 Resp: 135605

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.320 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

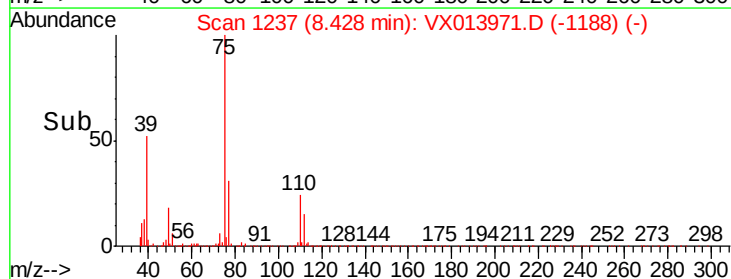
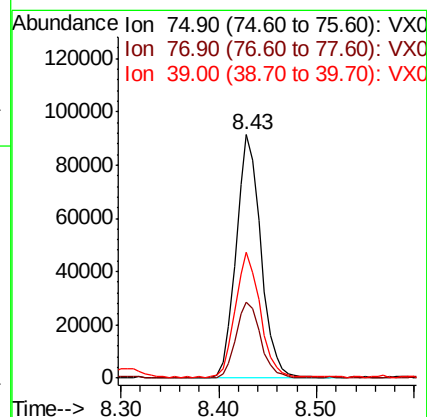
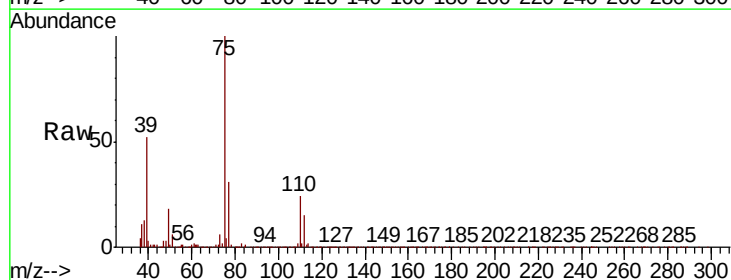
Tgt Ion: 75 Resp: 159827

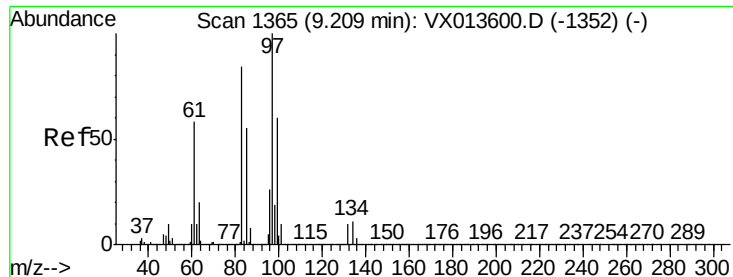
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 51.8 39.9 59.9

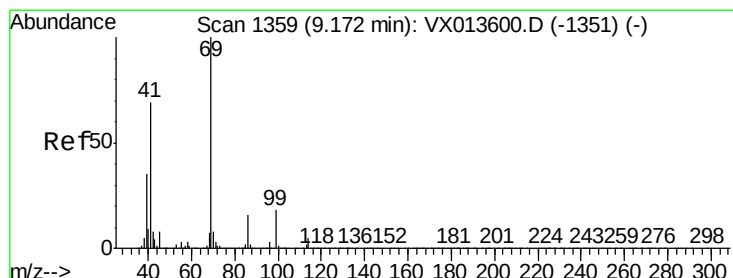
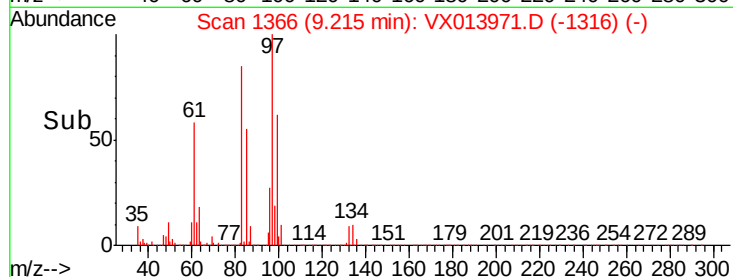
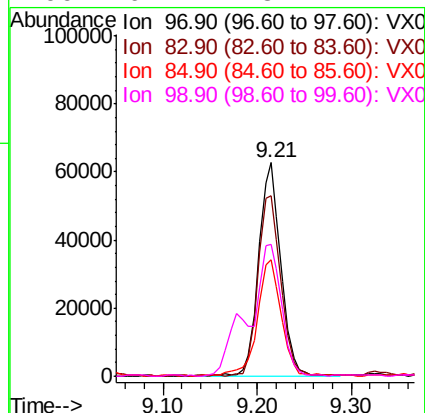
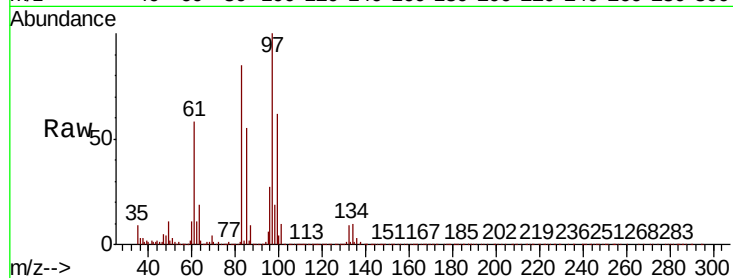




#55
 1,1,2-Trichloroethane
 Concen: 20.219 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

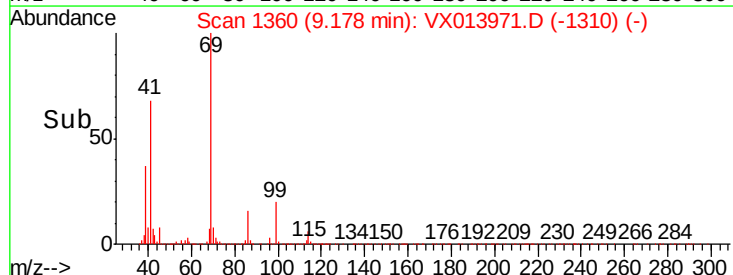
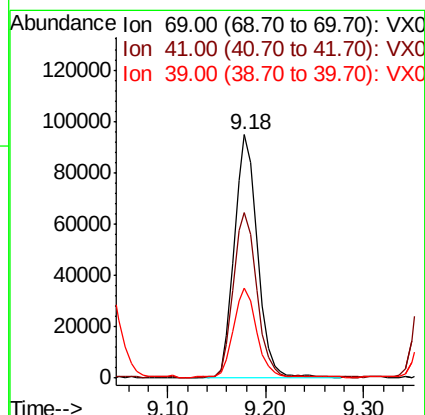
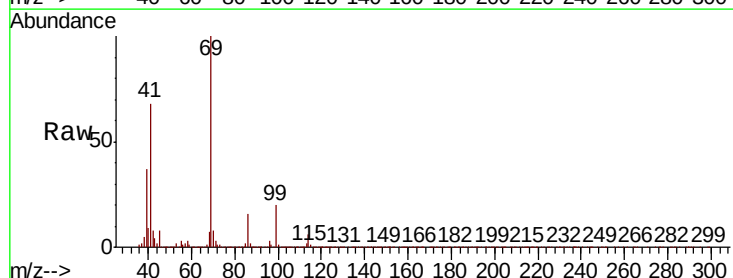
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

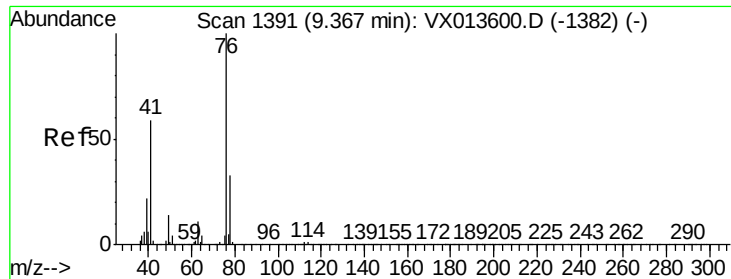
Tot Ion:	97	Resp:	104820
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.3	100.9
85	54.5	43.6	65.4
99	61.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 18.583 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion:	69	Resp:	154891
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.4
39	37.0	28.7	43.1

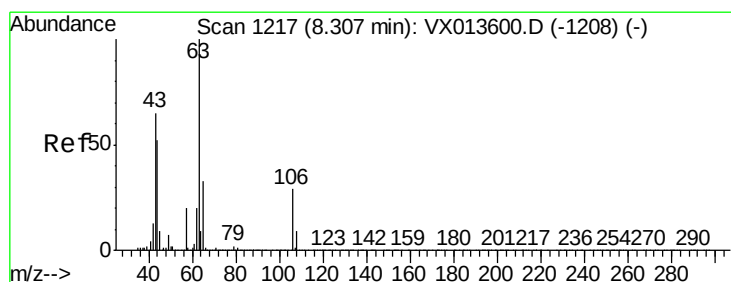
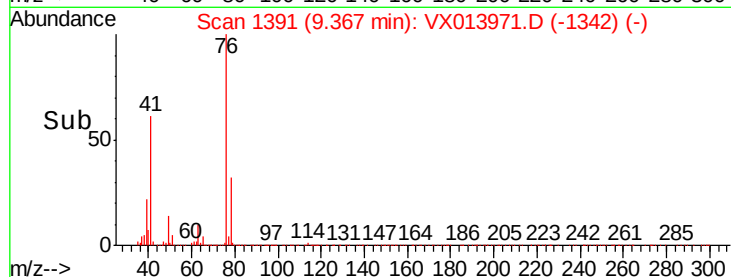
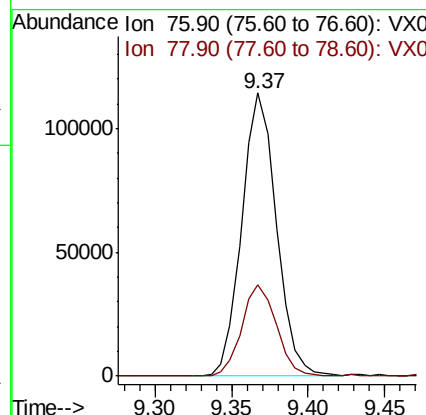
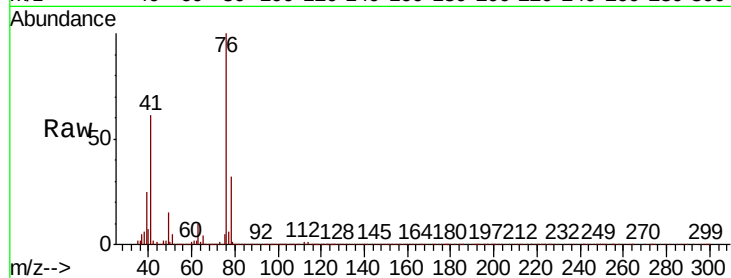




#57
 1,3-Dichloropropane
 Concen: 20.143 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

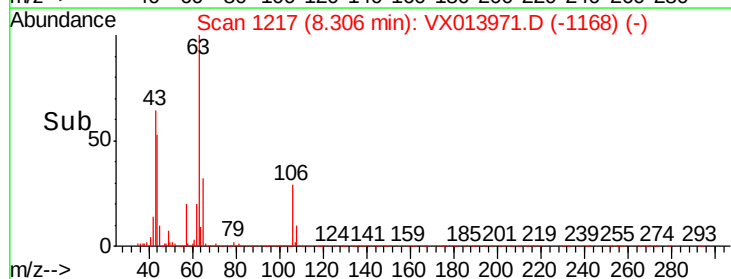
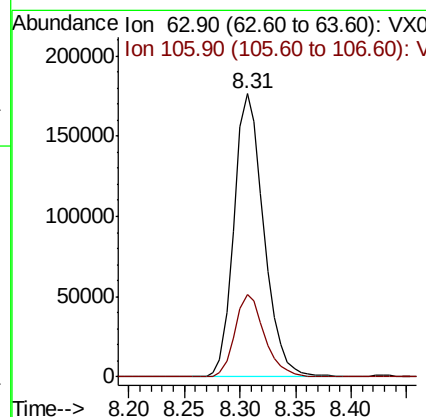
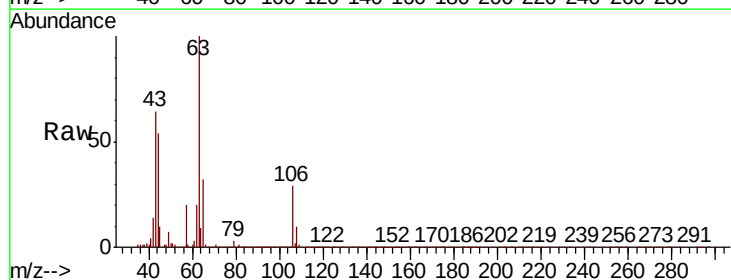
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

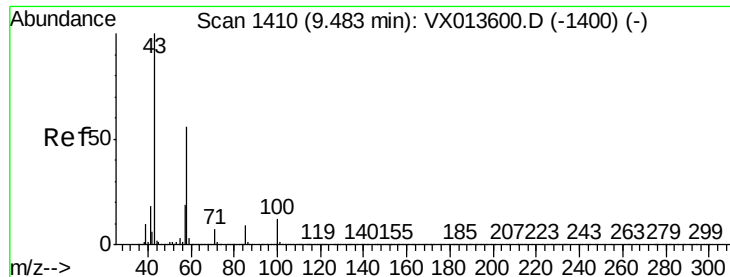
Tot Ion: 76 Resp: 179991
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.457 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion: 63 Resp: 325017
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.4 35.0

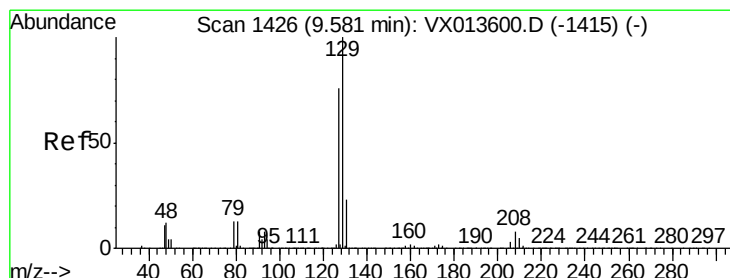
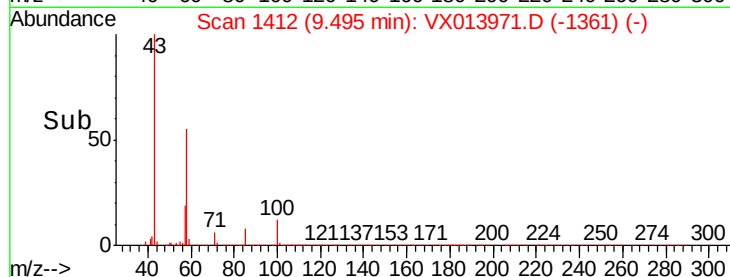
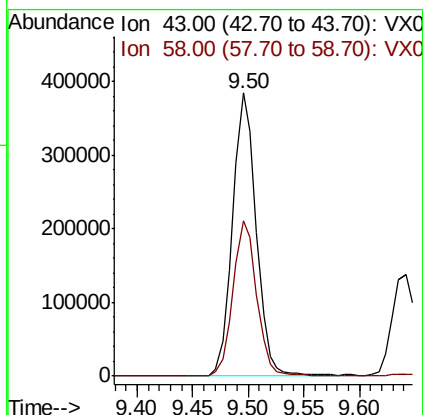
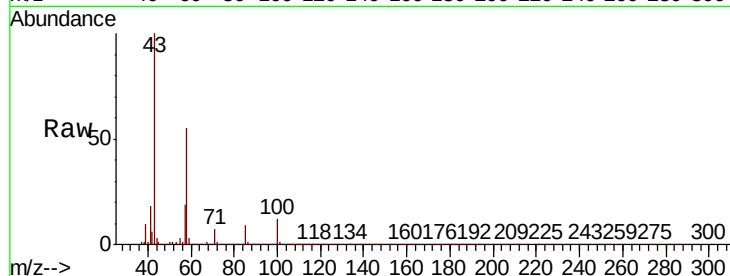




#59
2-Hexanone
Concen: 91.815 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

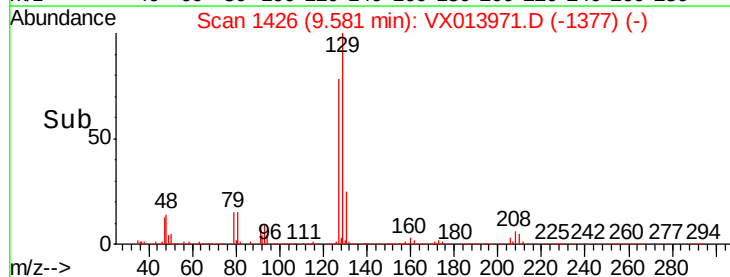
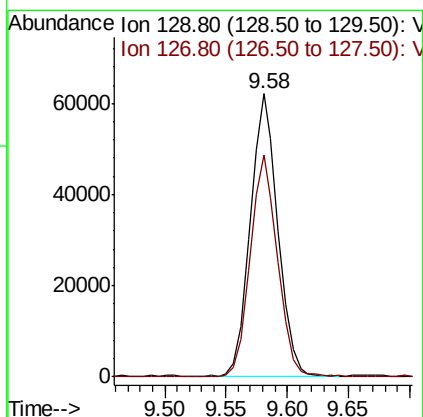
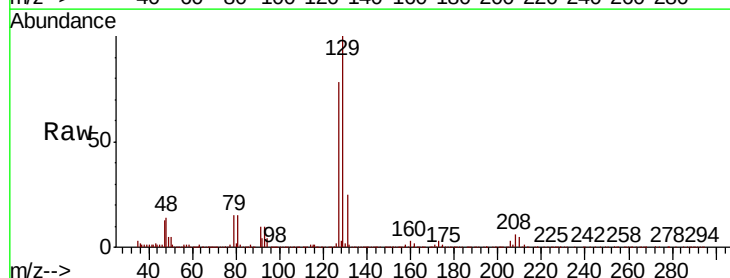
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

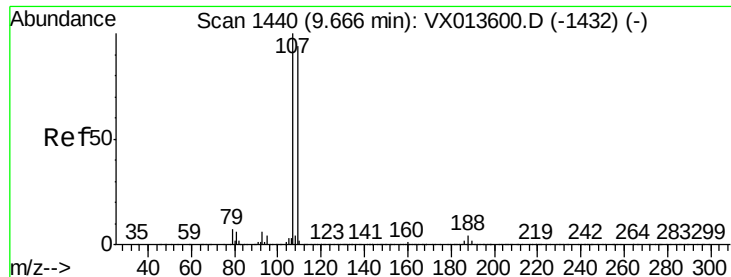
Tot Ion: 43 Resp: 565634
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.4



#60
Dibromochloromethane
Concen: 18.014 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 129 Resp: 96916
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.312 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

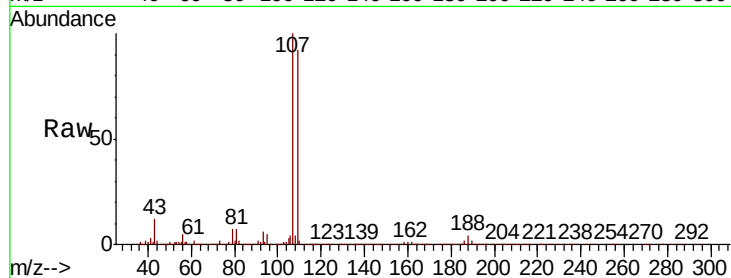
VX1212WBS03

Tot Ion:107 Resp: 106927

Ion Ratio Lower Upper

107 100

109 92.6 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

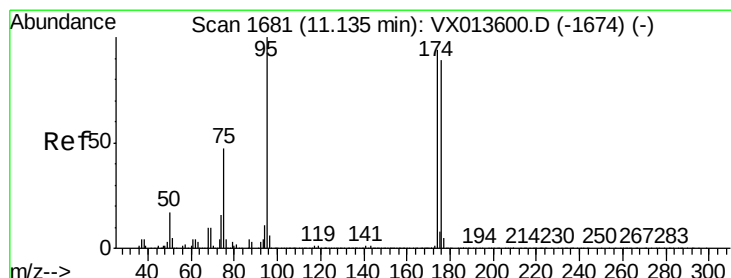
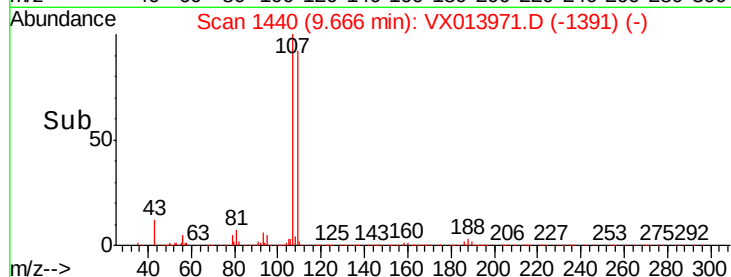
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 55.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

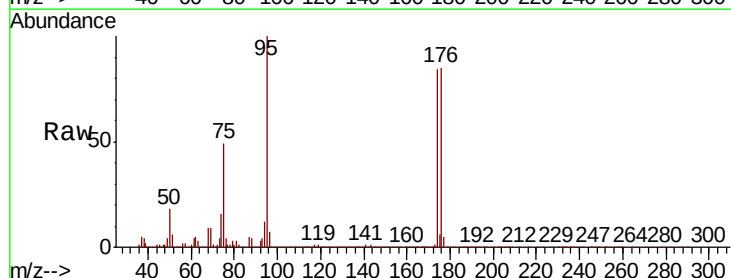
Tgt Ion: 95 Resp: 362272

Ion Ratio Lower Upper

95 100

174 87.5 0.0 180.0

176 85.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

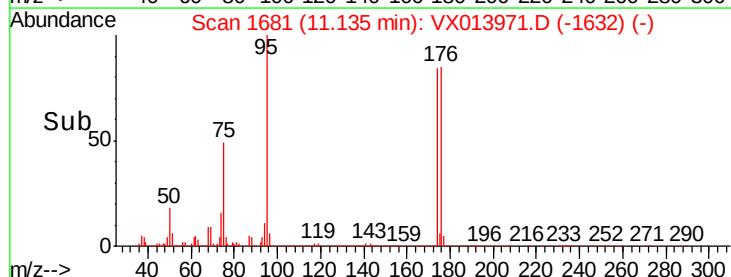
200000

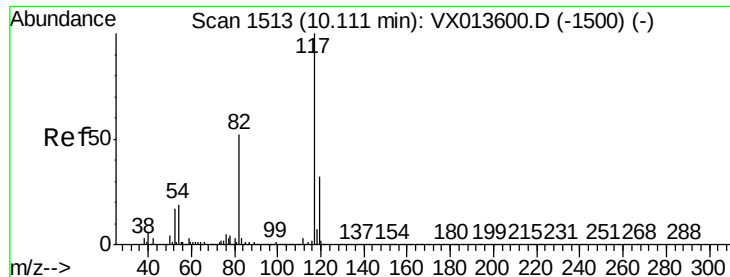
100000

0

Time-->

11.10 11.20

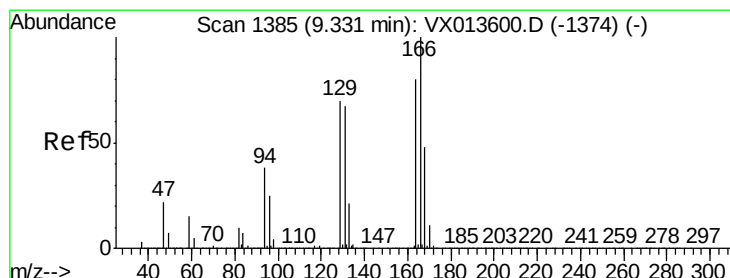
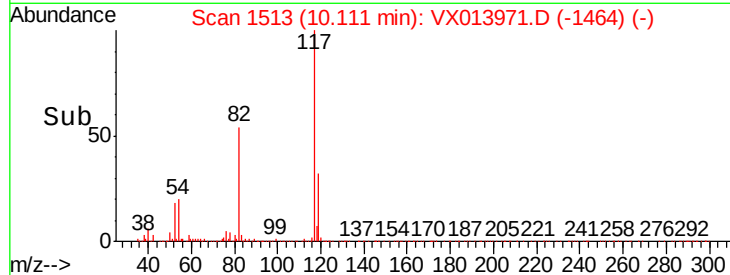
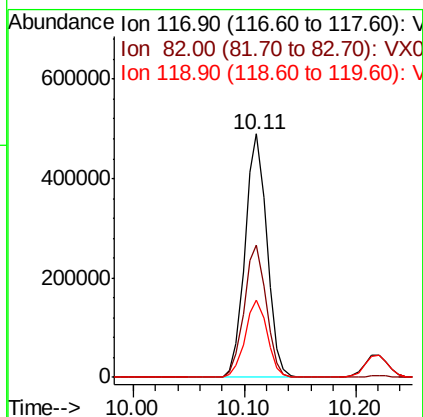
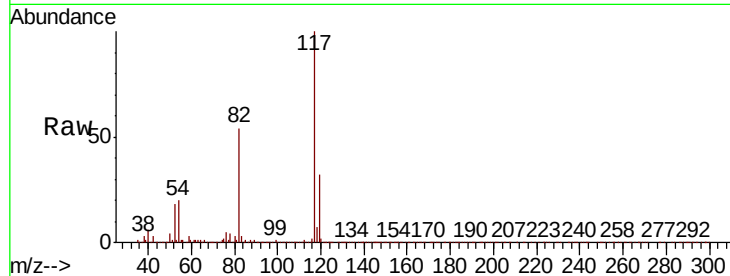




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

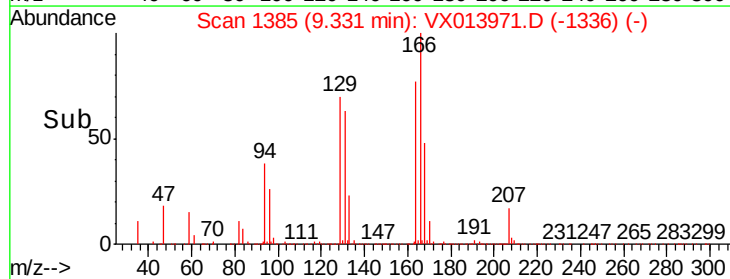
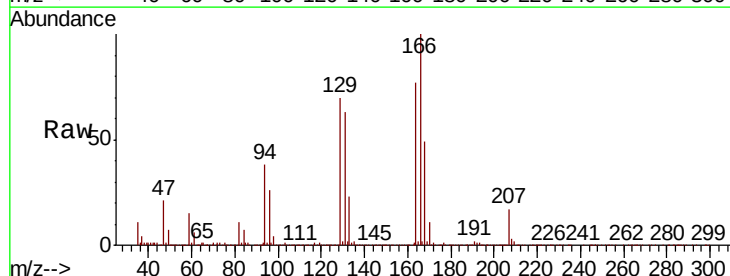
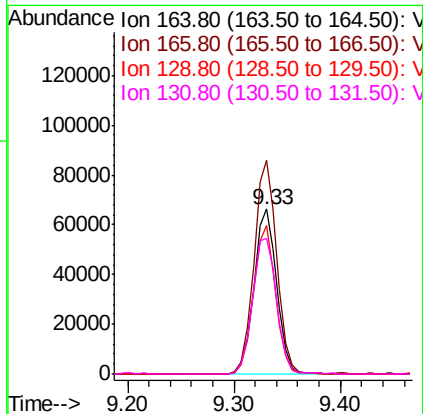
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

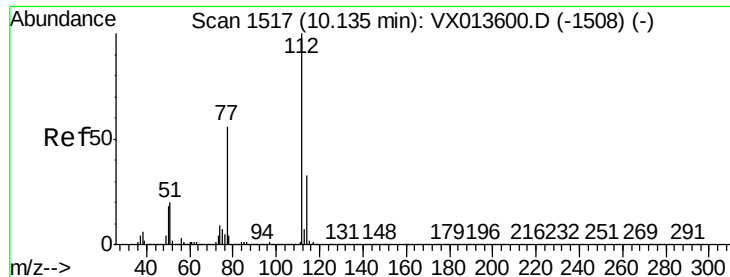
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.8	62.8
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 19.767 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	90.4	70.1	105.1
131	82.1	66.9	100.3





#65

Chlorobenzene

Concen: 20.000 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

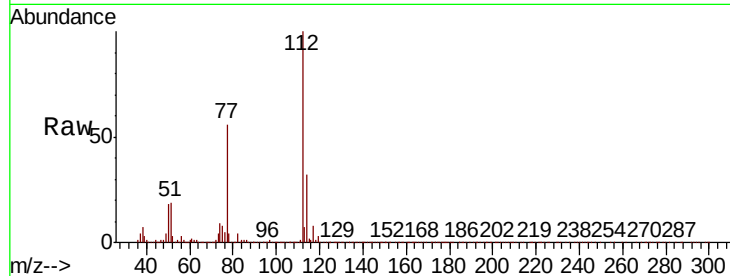
VX1212WBS03

Tot Ion:112 Resp: 277231

Ion Ratio Lower Upper

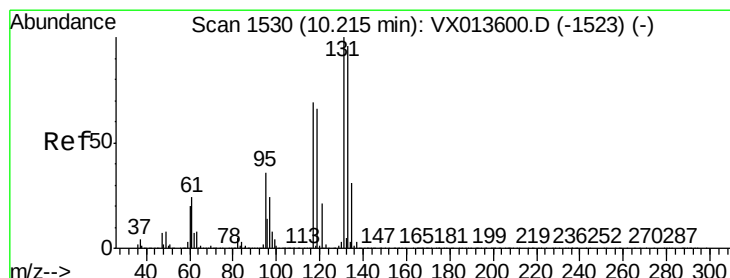
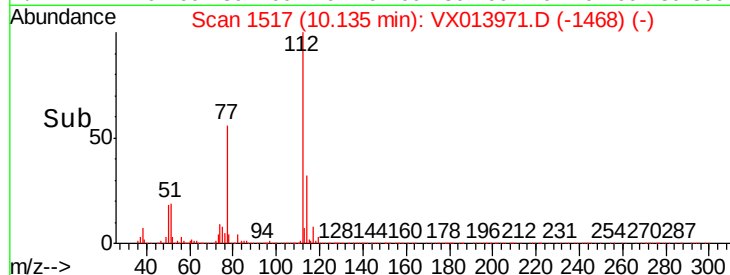
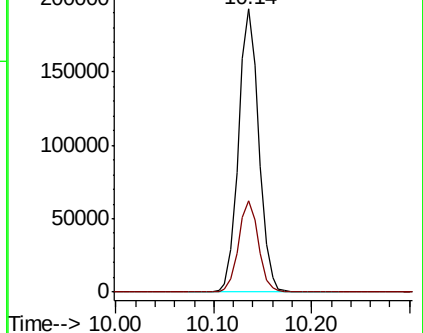
112 100

114 32.2 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.570 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

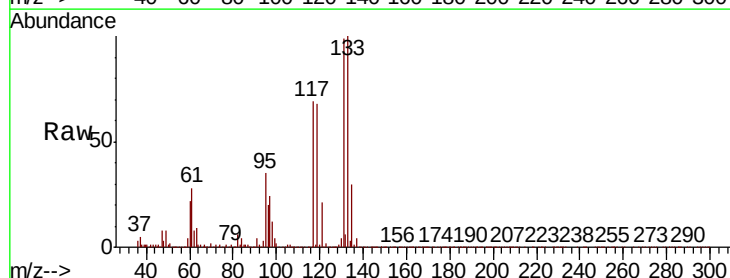
Tgt Ion:131 Resp: 97408

Ion Ratio Lower Upper

131 100

133 97.6 47.7 143.1

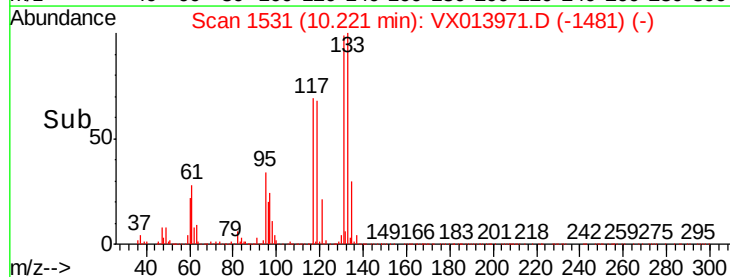
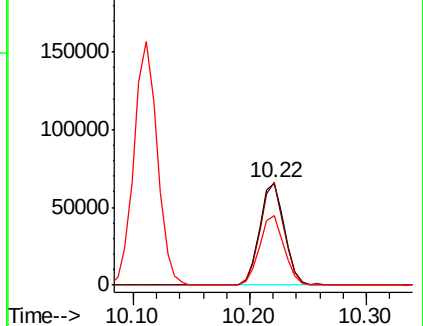
119 67.3 32.9 98.6

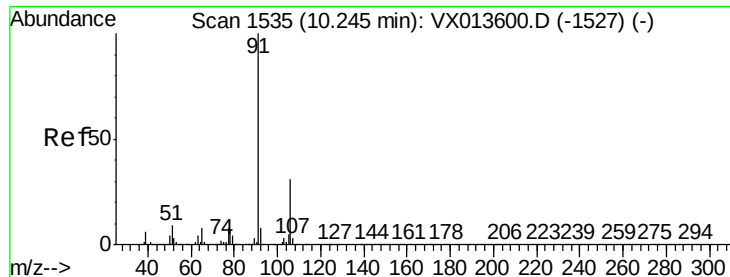


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.843 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

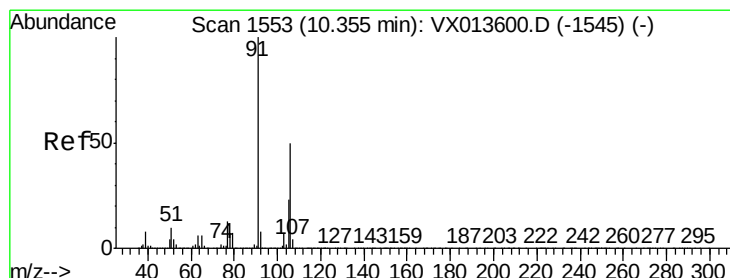
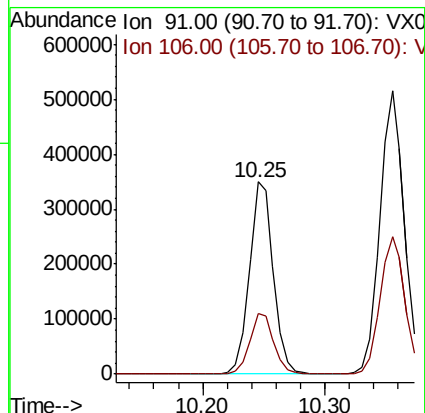
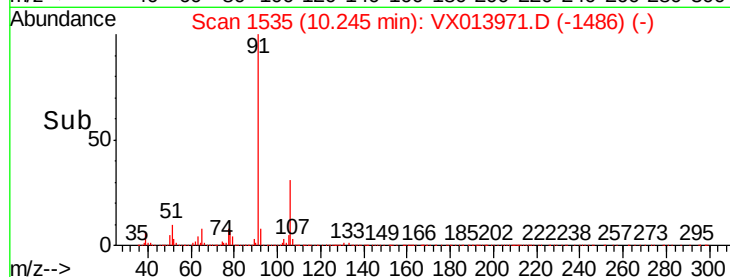
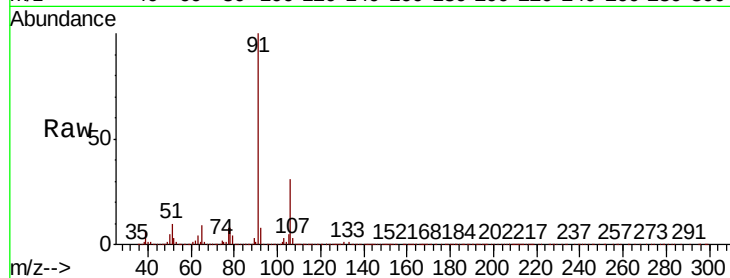
VX1212WBS03

Tot Ion: 91 Resp: 472637

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.782 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013971.D

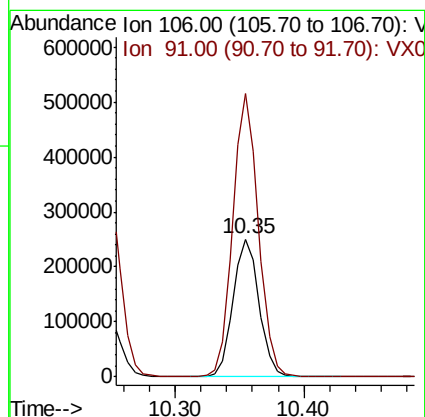
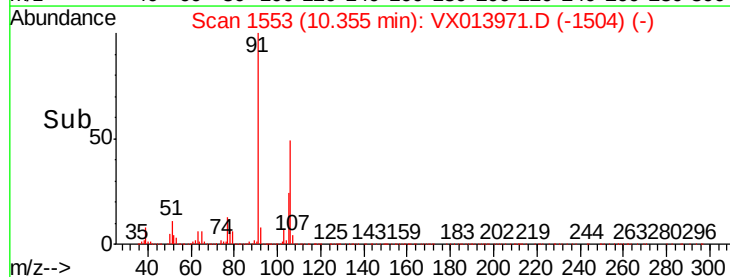
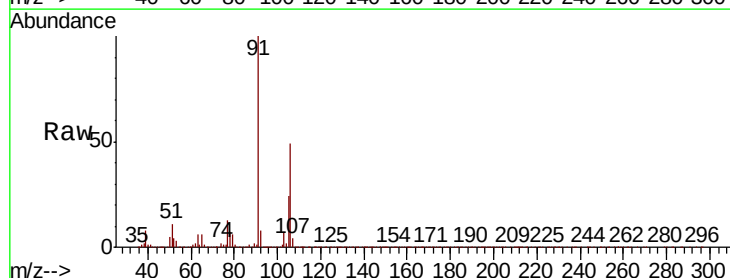
Acq: 12 Dec 2019 13:28

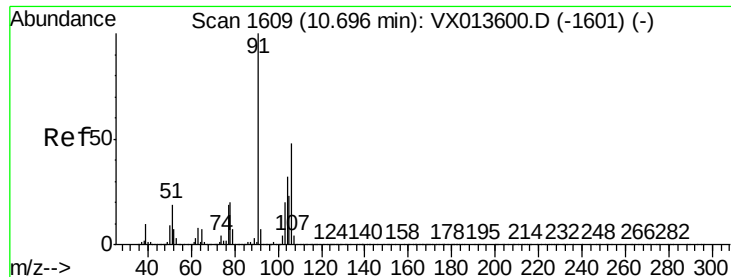
Tgt Ion: 106 Resp: 353668

Ion Ratio Lower Upper

106 100

91 201.6 159.0 238.4

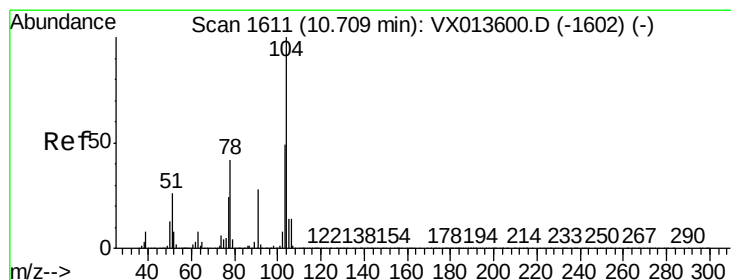
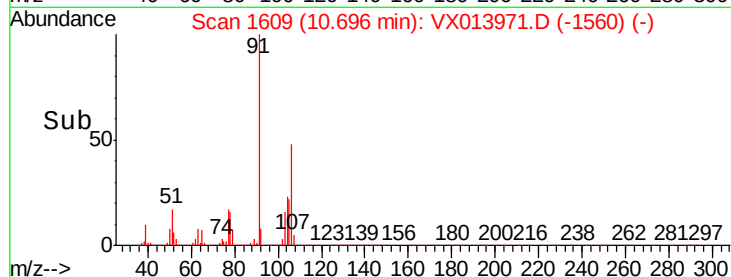
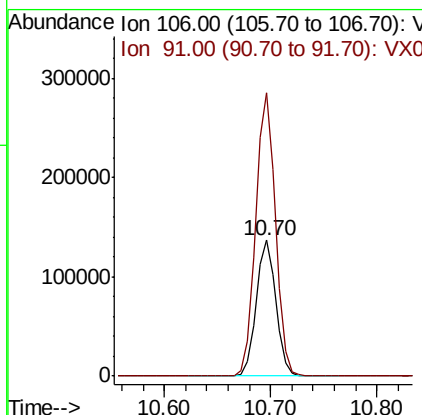
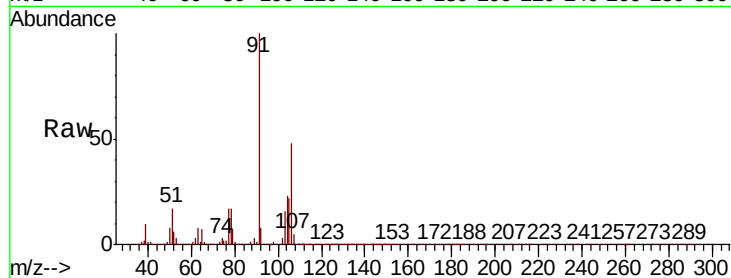




#69
o-Xylene
Concen: 19.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

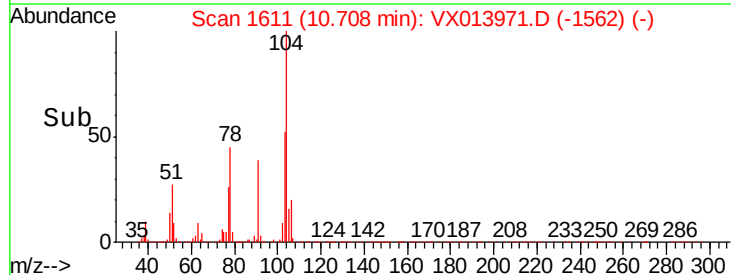
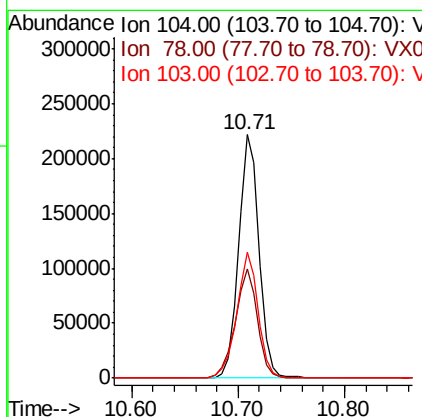
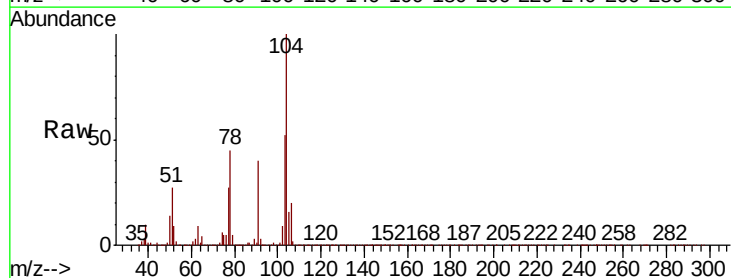
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

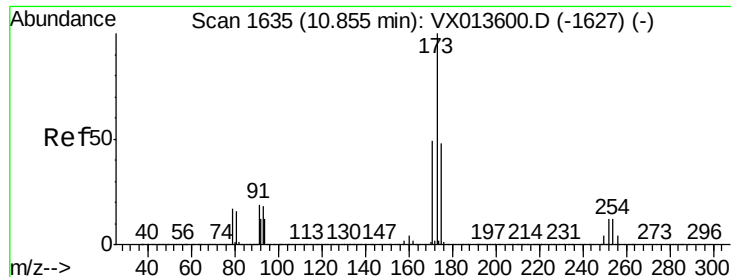
Tot Ion:106 Resp: 176682
Ion Ratio Lower Upper
106 100
91 210.1 104.1 312.2



#70
Styrene
Concen: 19.965 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion:104 Resp: 298696
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.0 43.7 65.5

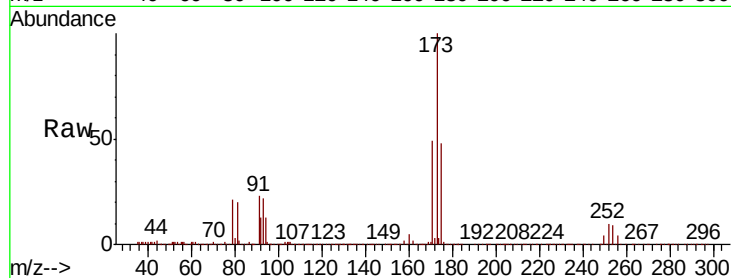




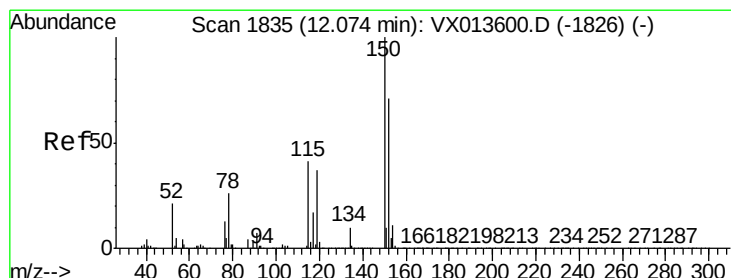
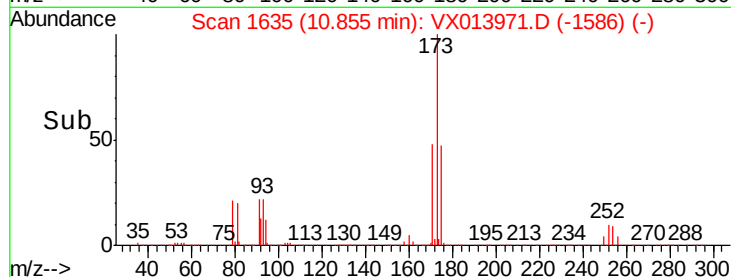
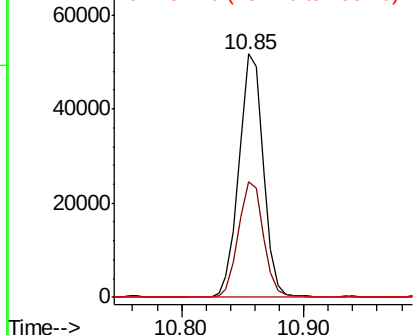
#71
Bromoform
Concen: 17.194 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion:173 Resp: 70812
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.3 0.2 0.4

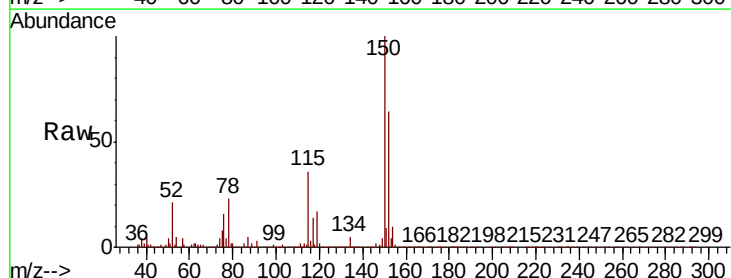


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

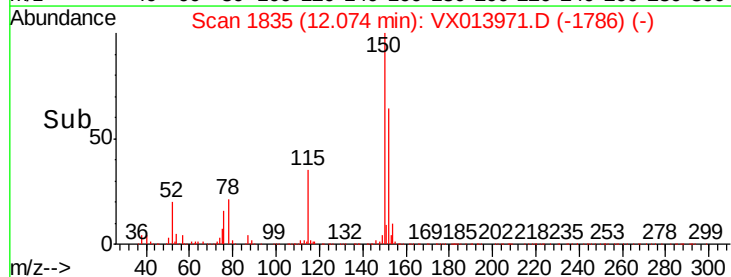
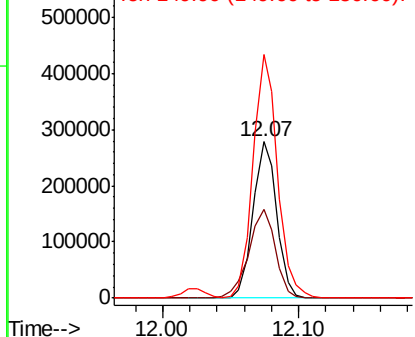


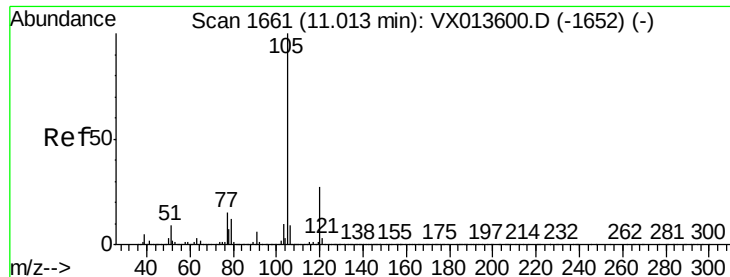
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion:152 Resp: 339776
Ion Ratio Lower Upper
152 100
115 63.9 38.4 115.1
150 161.8 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.536 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

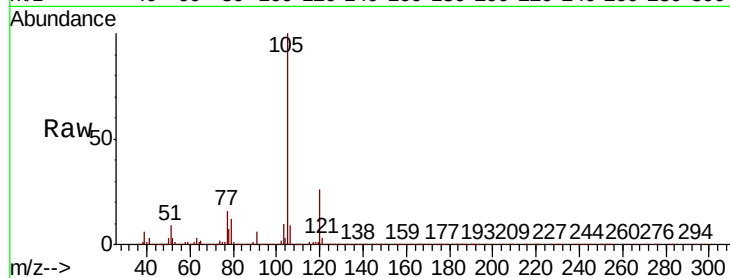
VX1212WBS03

Tot Ion:105 Resp: 465630

Ion Ratio Lower Upper

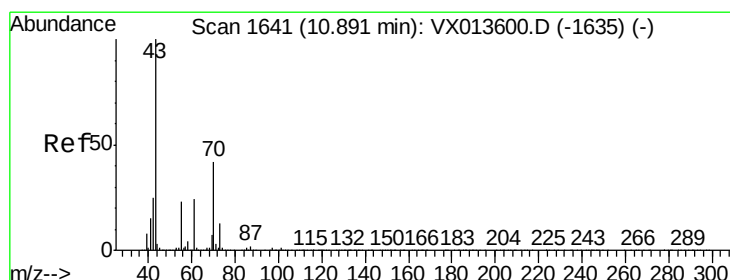
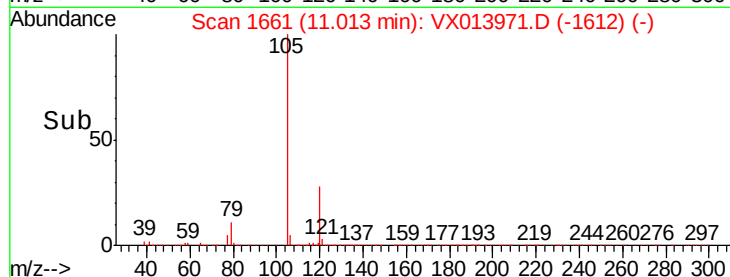
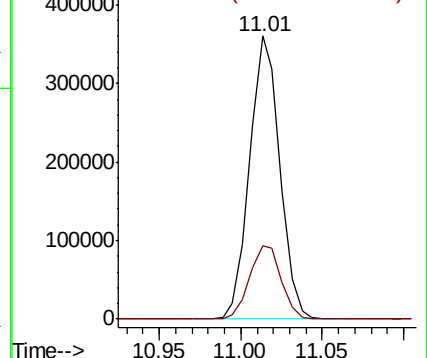
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.561 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion: 43 Resp: 202654

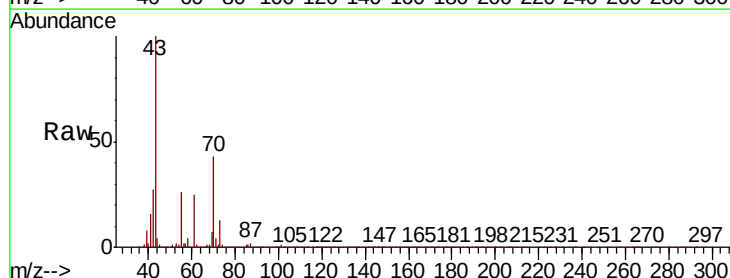
Ion Ratio Lower Upper

43 100

70 42.8 34.3 51.5

55 24.9 18.5 27.7

61 25.0 19.8 29.8

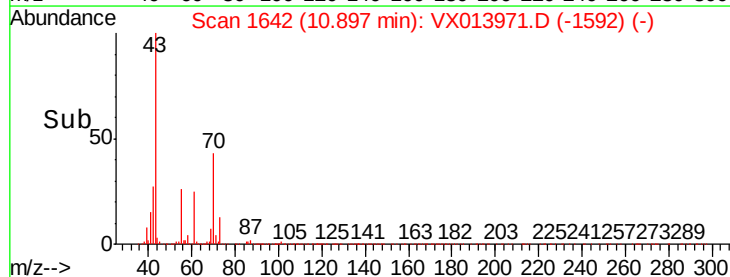
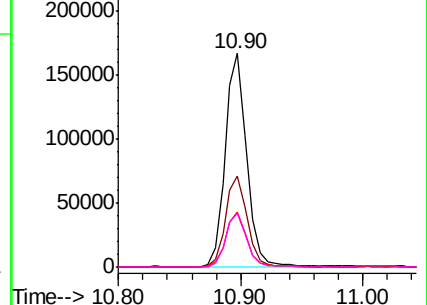


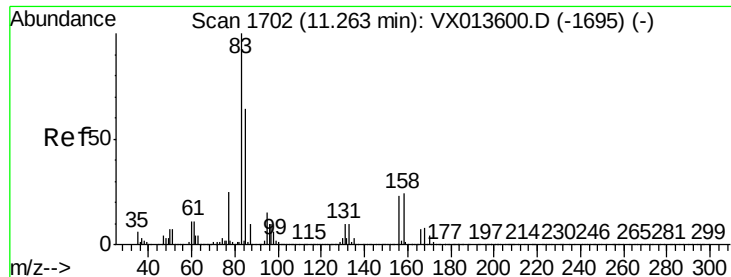
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.123 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

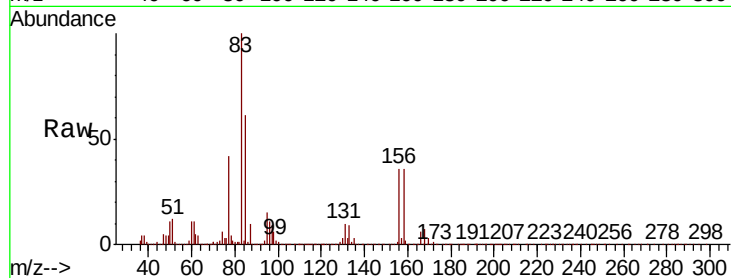
Tot Ion: 83 Resp: 166324

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

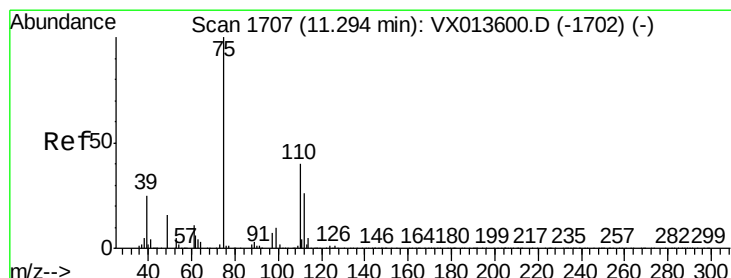
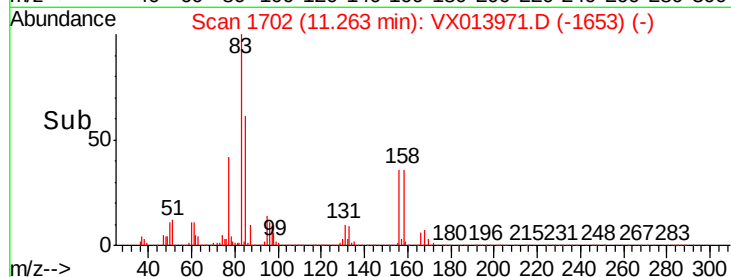
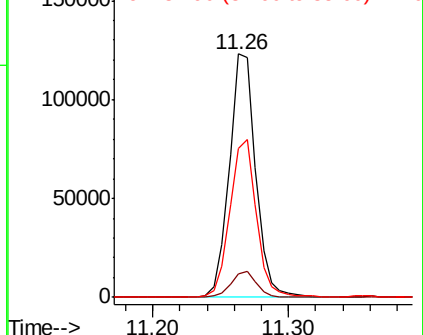
85 64.5 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.240 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013971.D

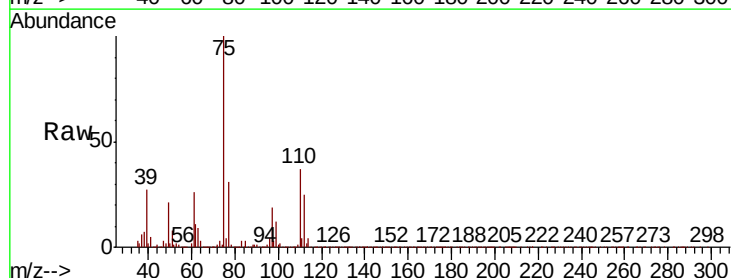
Acq: 12 Dec 2019 13:28

Tgt Ion: 75 Resp: 169961

Ion Ratio Lower Upper

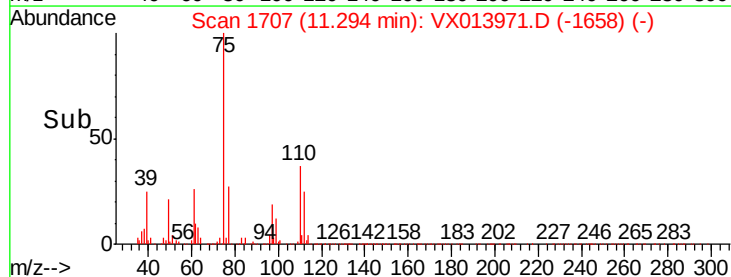
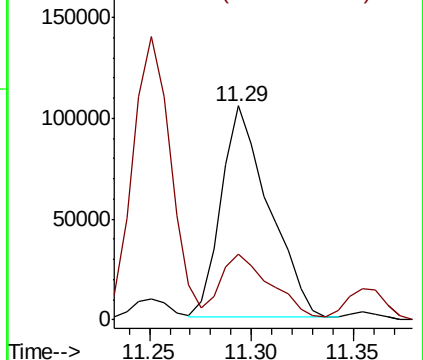
75 100

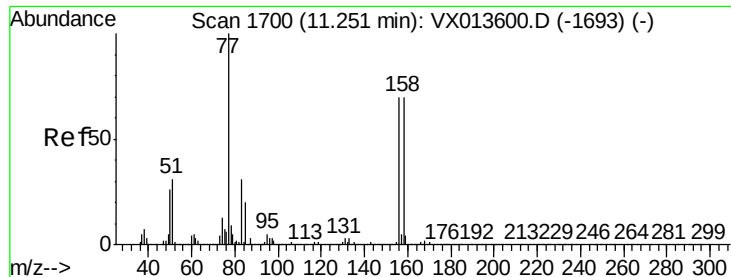
77 32.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.002 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

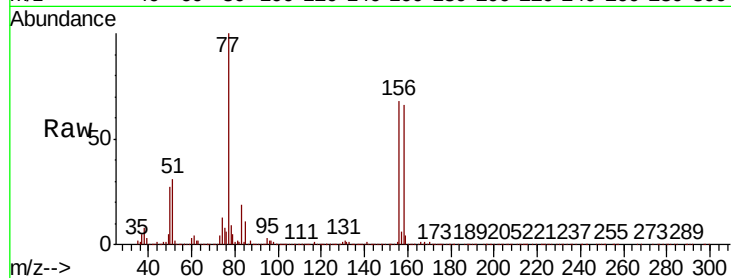
Tot Ion:156 Resp: 122351

Ion Ratio Lower Upper

156 100

77 149.4 74.4 223.1

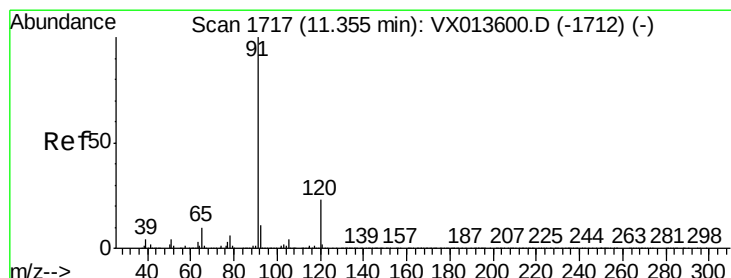
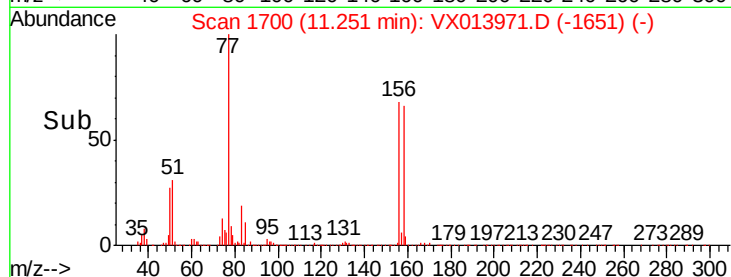
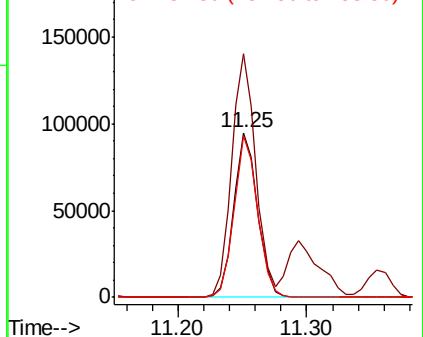
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.676 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013971.D

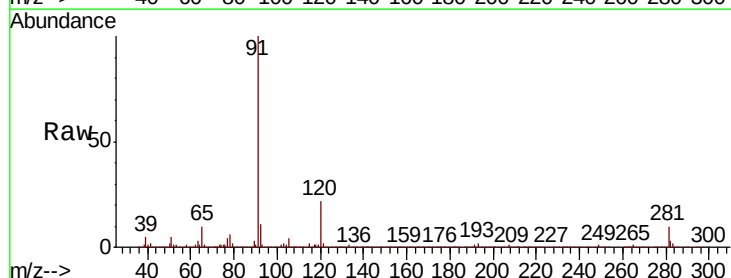
Acq: 12 Dec 2019 13:28

Tgt Ion: 91 Resp: 523509

Ion Ratio Lower Upper

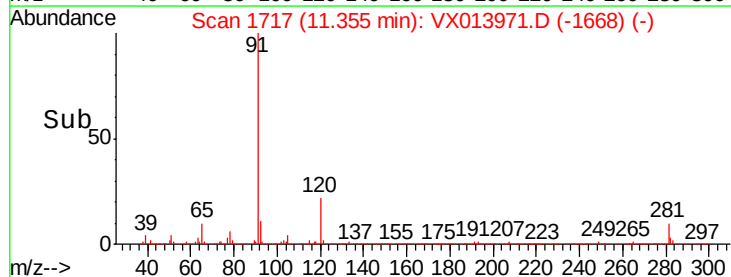
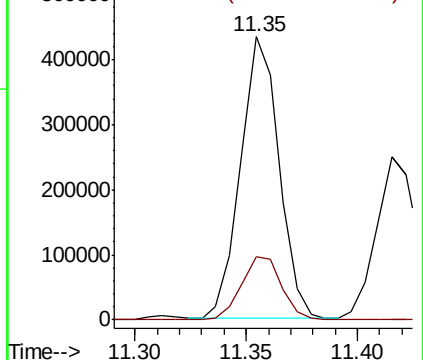
91 100

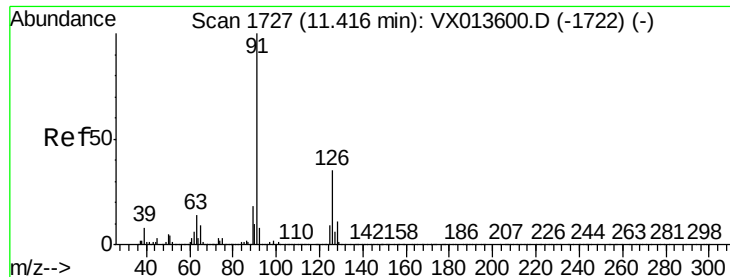
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.735 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

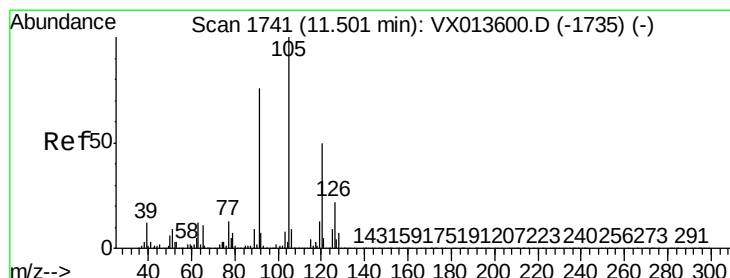
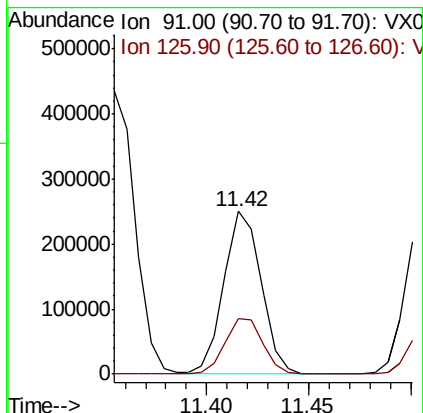
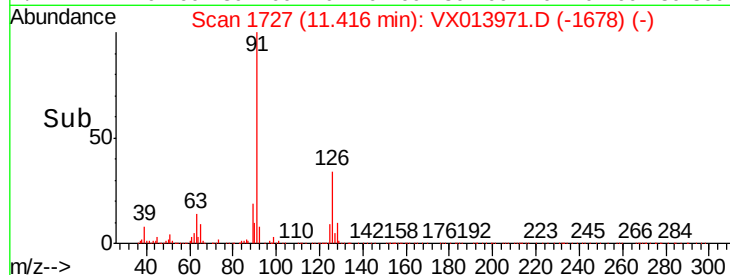
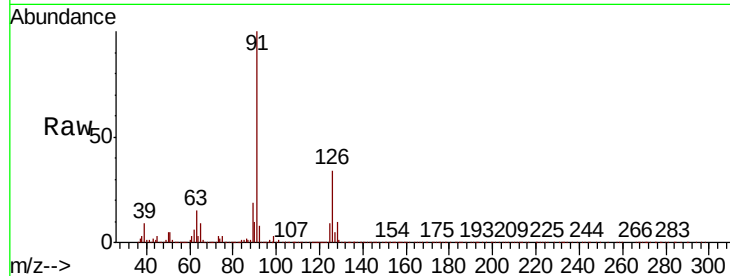
VX1212WBS03

Tot Ion: 91 Resp: 314971

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.077 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013971.D

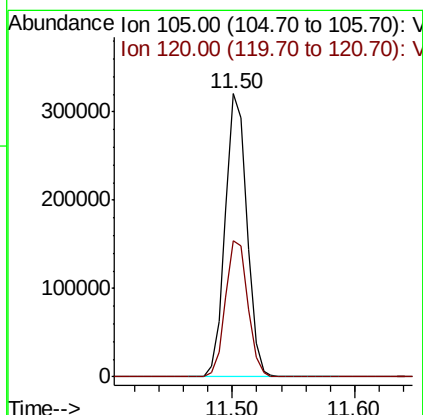
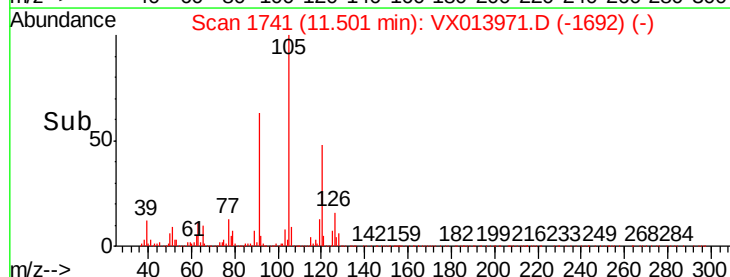
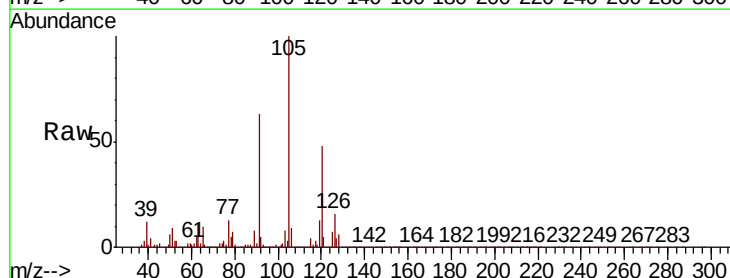
Acq: 12 Dec 2019 13:28

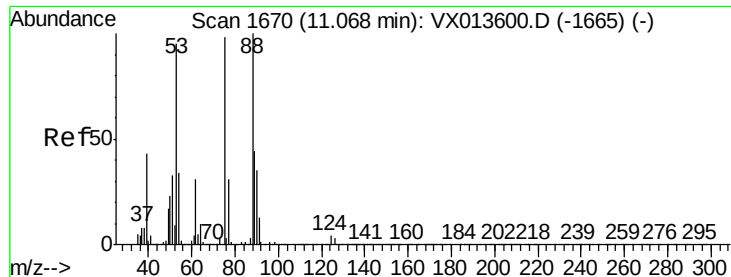
Tgt Ion: 105 Resp: 392185

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 15.617 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

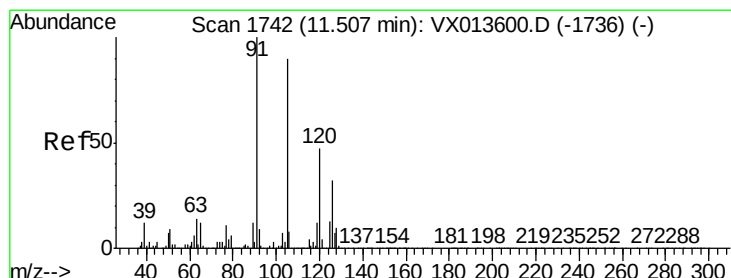
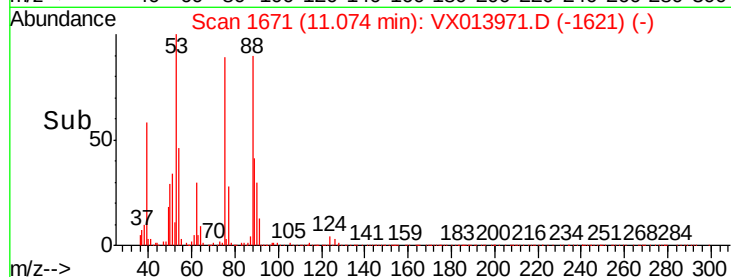
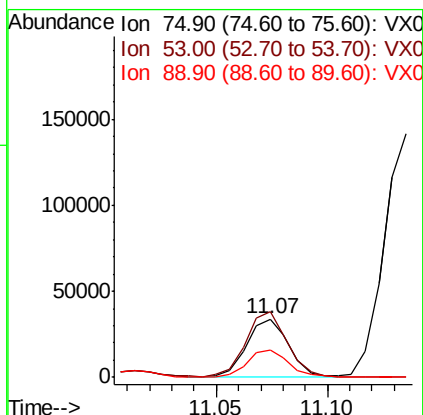
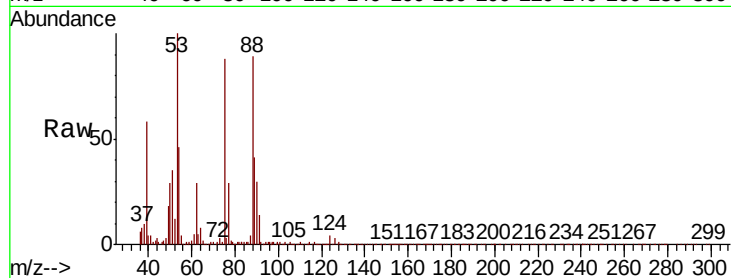
Tot Ion: 75 Resp: 43624

Ion Ratio Lower Upper

75 100

53 111.8 78.2 117.2

89 47.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.461 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013971.D

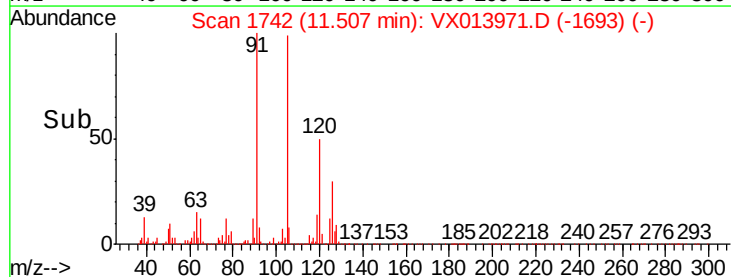
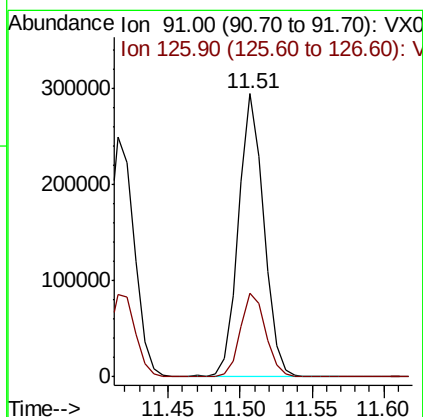
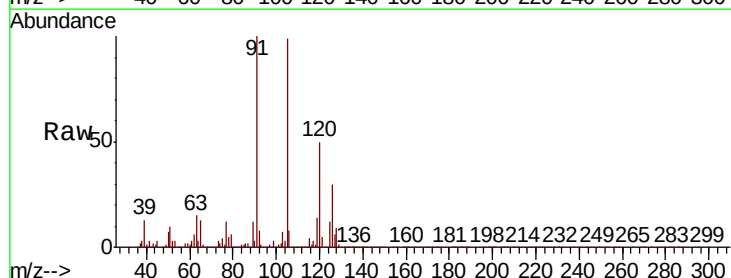
Acq: 12 Dec 2019 13:28

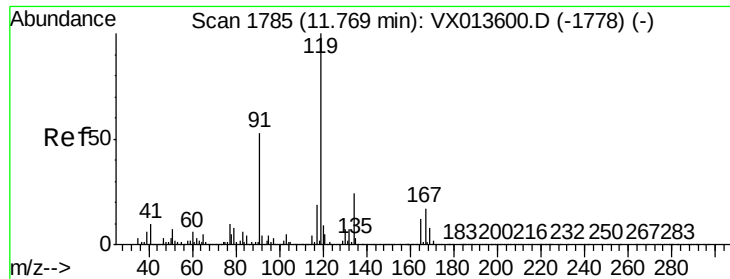
Tgt Ion: 91 Resp: 359739

Ion Ratio Lower Upper

91 100

126 29.4 15.7 47.0

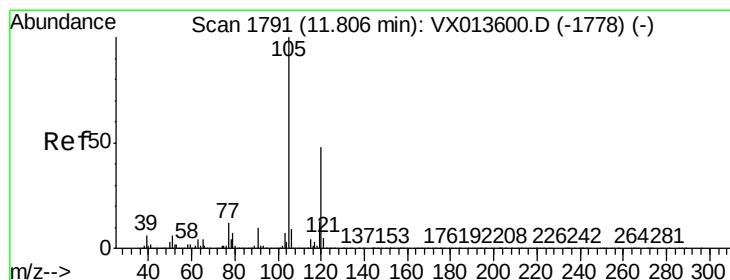
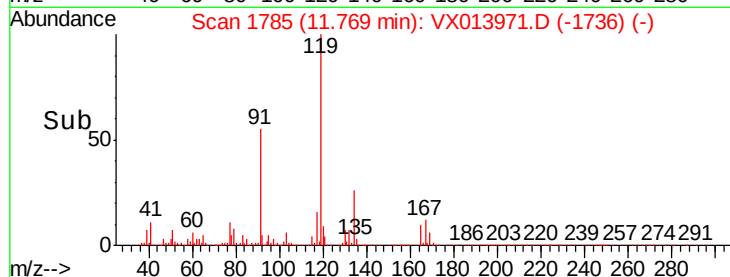
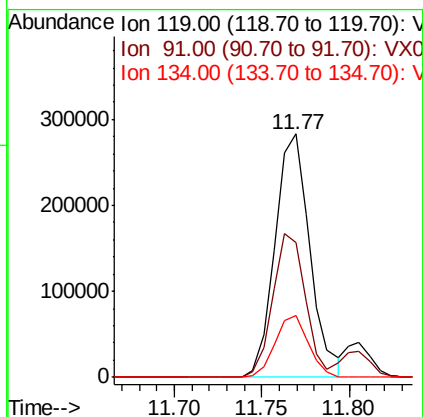
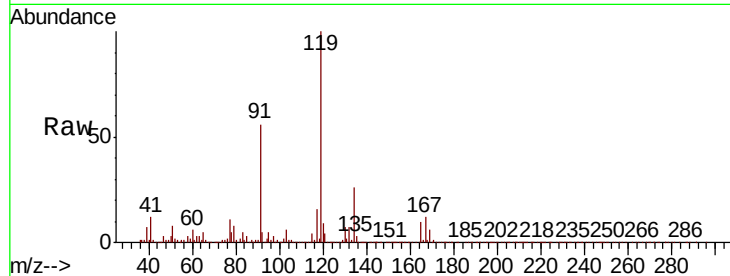




#83
 tert-Butylbenzene
 Concen: 19.871 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

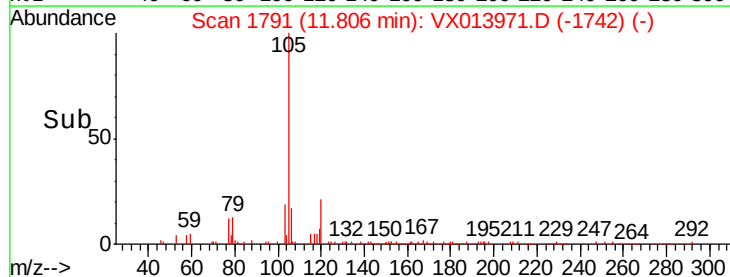
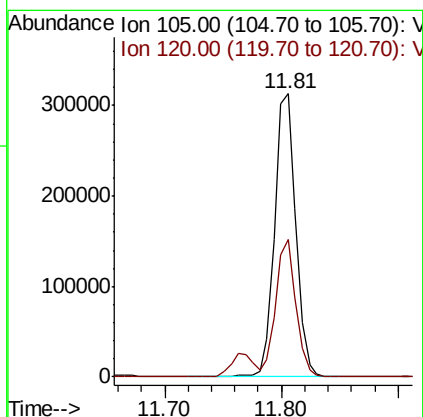
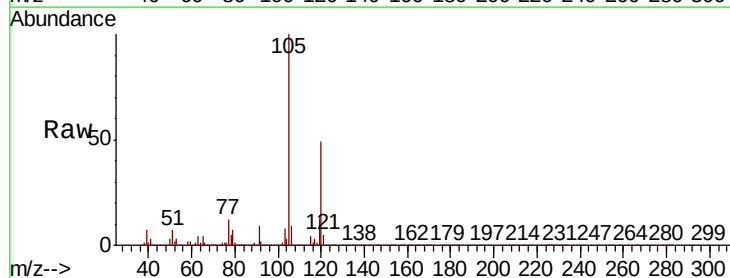
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

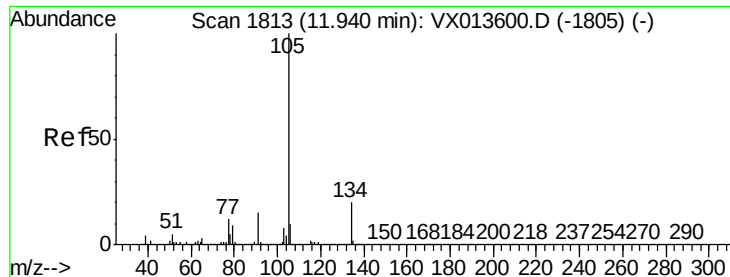
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.2	81.6
134	24.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.047 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

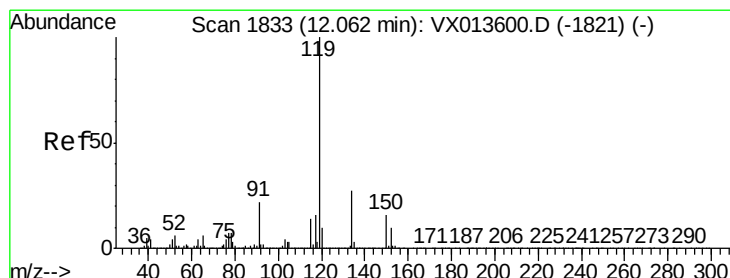
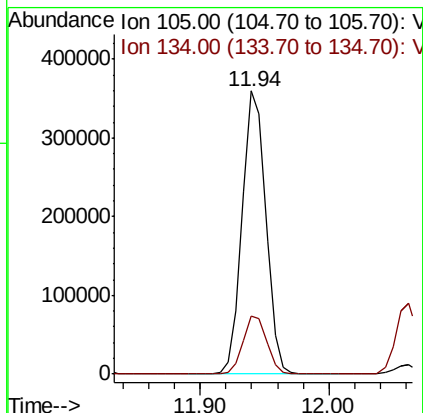
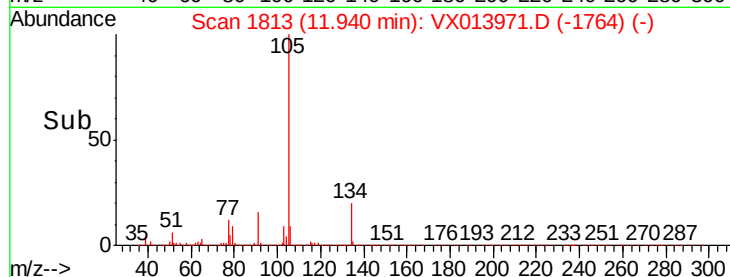
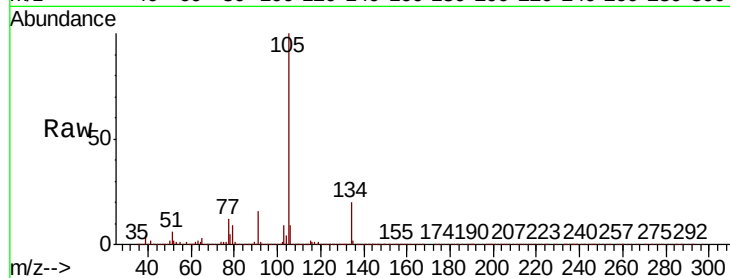
VX1212WBS03

Tot Ion:105 Resp: 455977

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.803 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

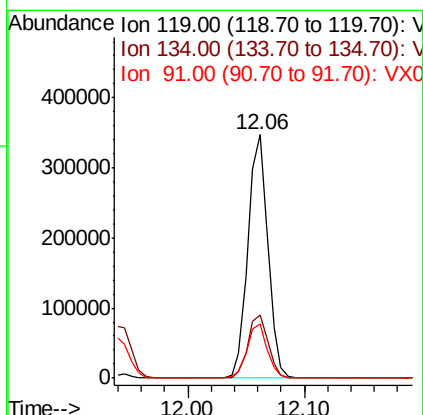
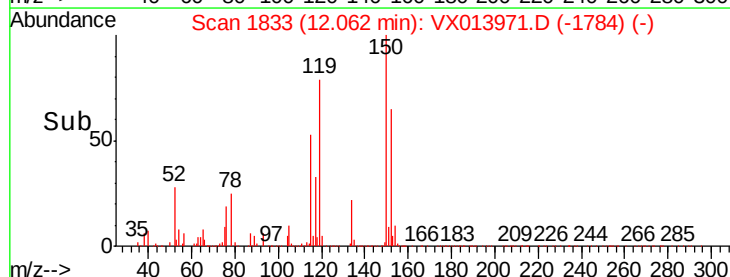
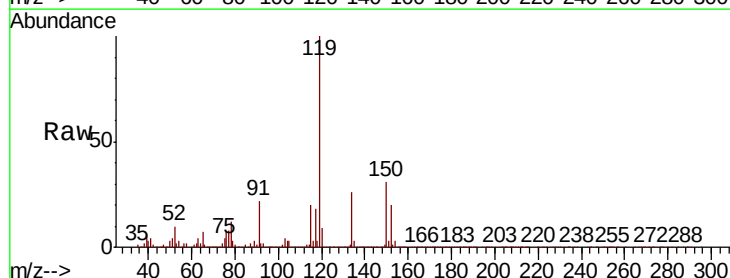
Tgt Ion:119 Resp: 417758

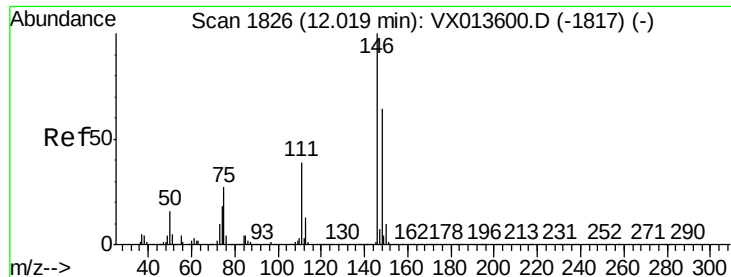
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.5 11.3 33.8

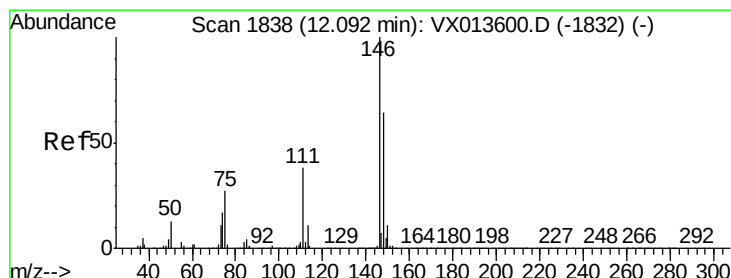
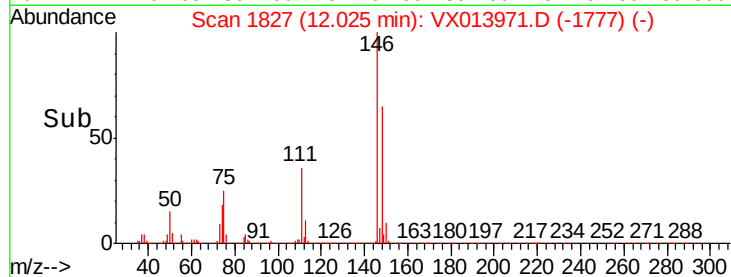
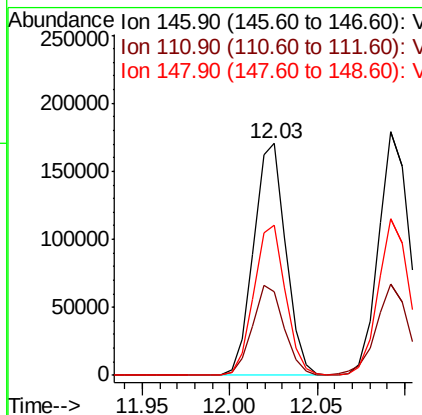
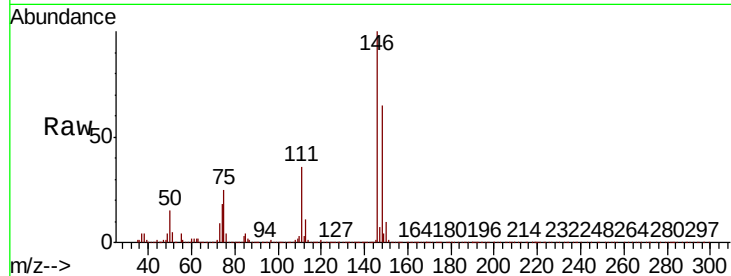




#87
 1,3-Dichlorobenzene
 Concen: 19.432 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

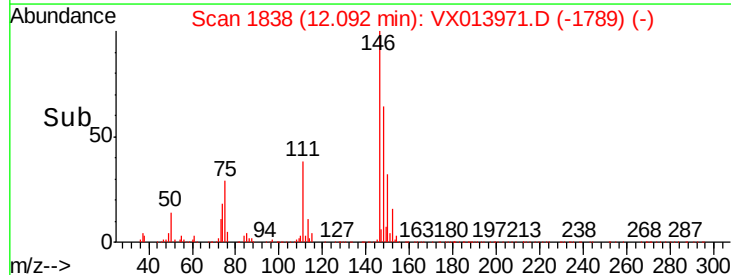
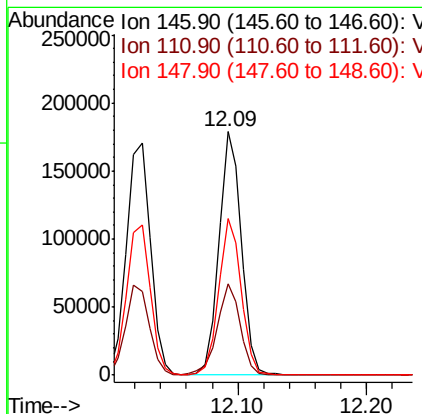
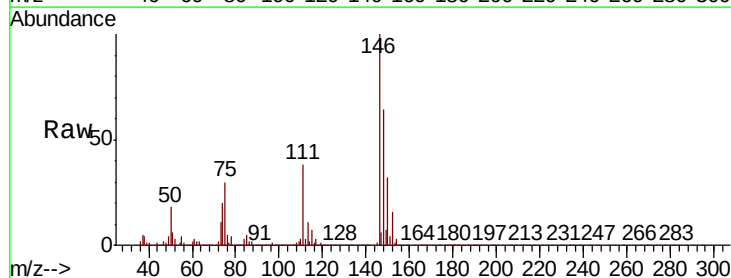
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

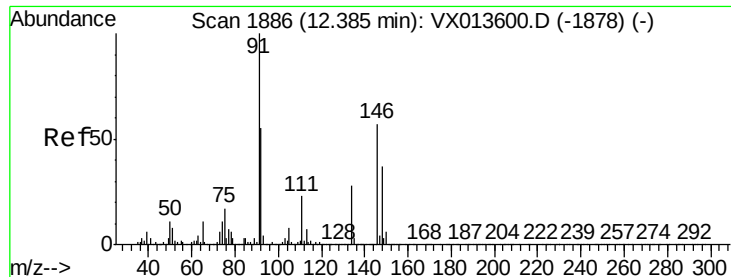
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.9	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.143 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.8	31.9	95.5





#89

n-Butylbenzene

Concen: 19.351 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

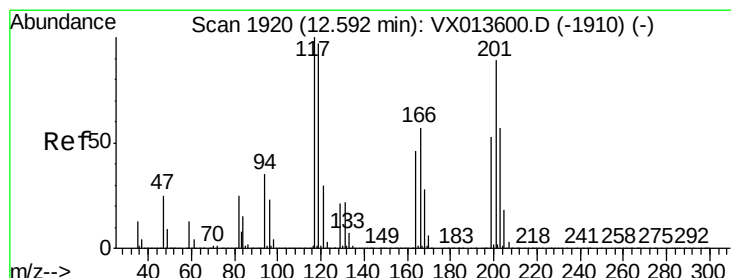
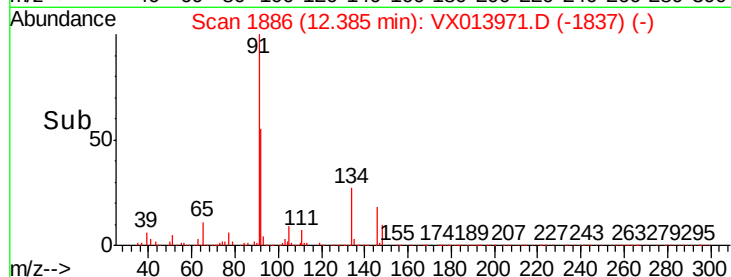
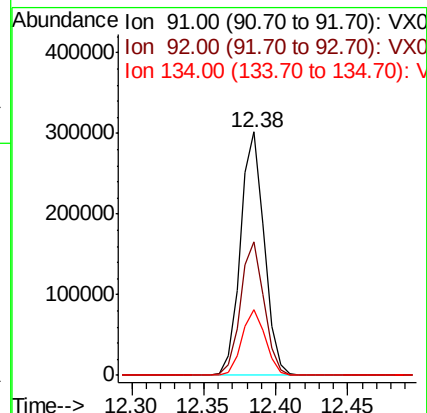
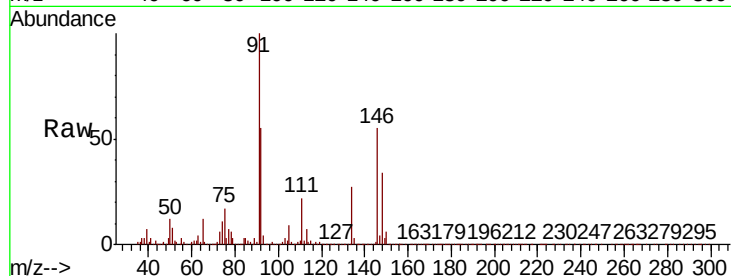
Tot Ion: 91 Resp: 348174

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

134 26.7 13.5 40.4



#90

Hexachloroethane

Concen: 17.878 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013971.D

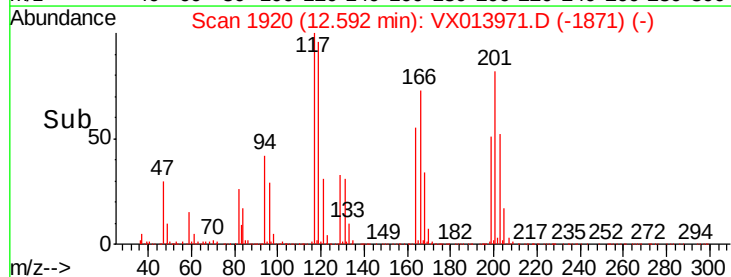
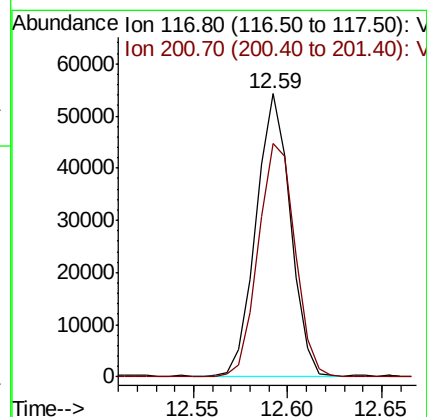
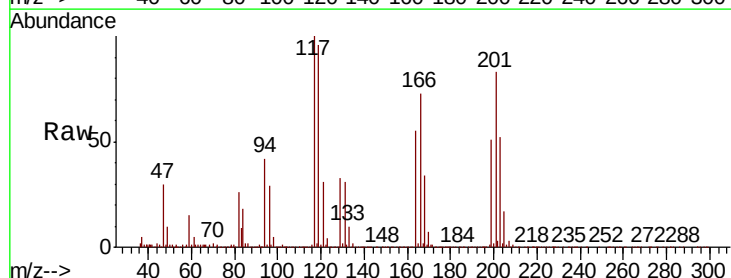
Acq: 12 Dec 2019 13:28

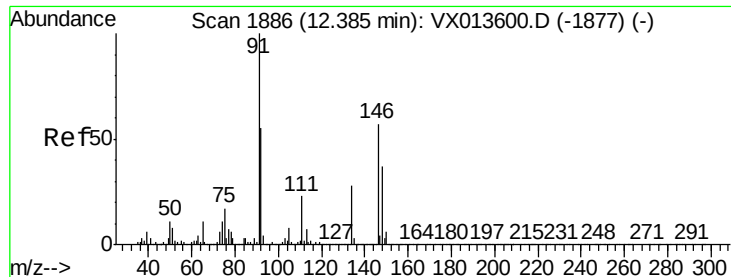
Tgt Ion: 117 Resp: 68167

Ion Ratio Lower Upper

117 100

201 89.1 44.1 132.4

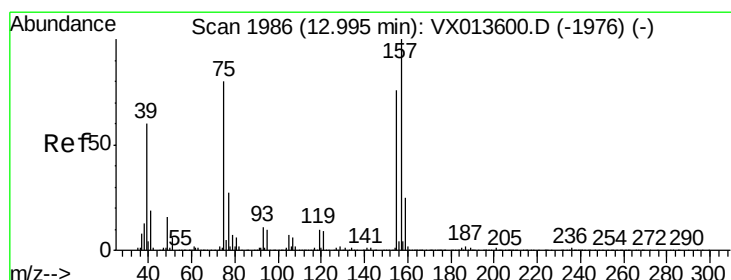
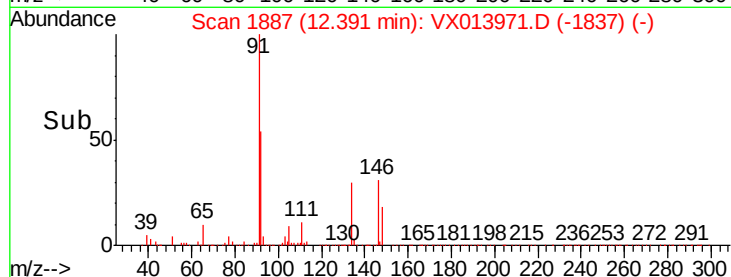
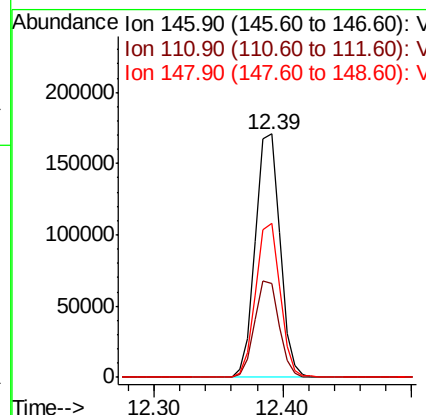
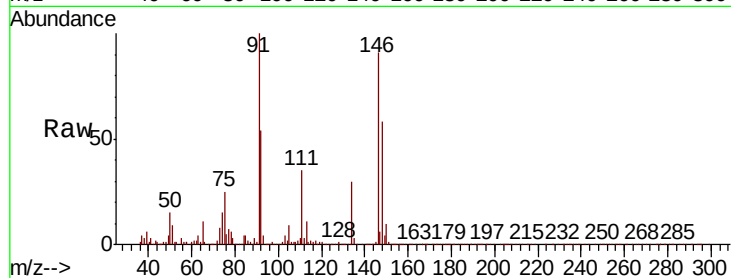




#91
 1,2-Dichlorobenzene
 Concen: 20.214 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

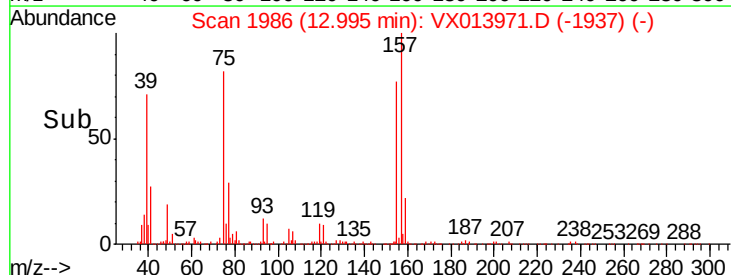
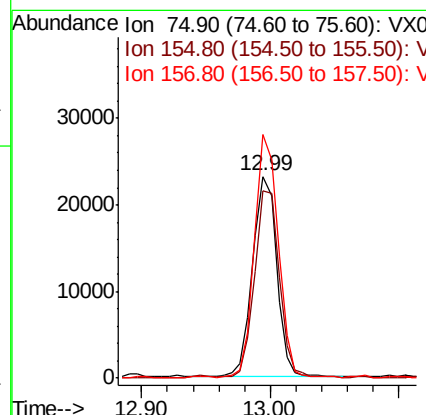
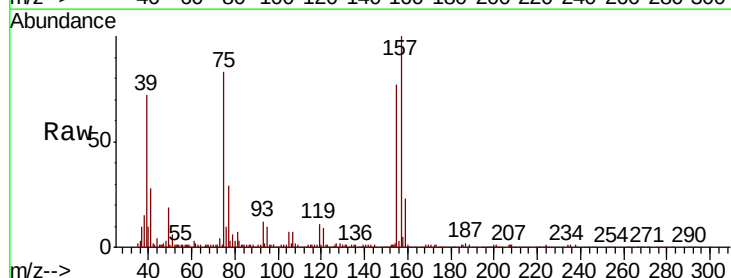
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

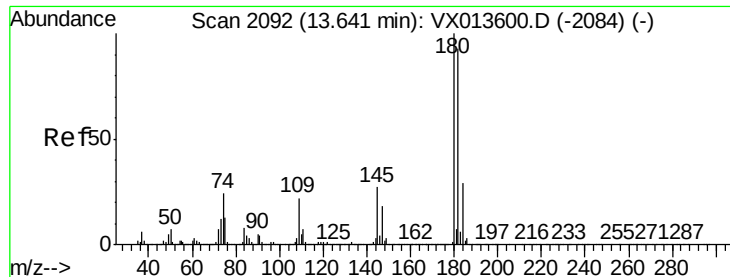
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	62.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.684 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	47.6	142.8
157	118.3	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 17.985 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

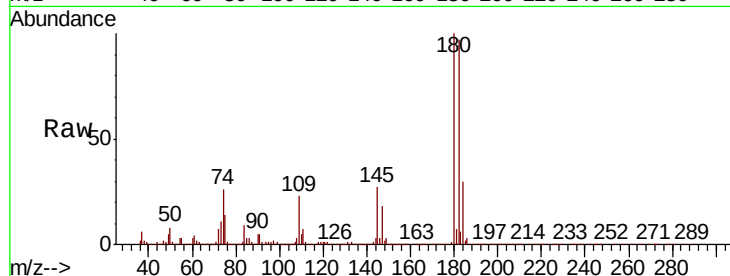
Tot Ion:180 Resp: 139004

Ion Ratio Lower Upper

180 100

182 98.1 47.2 141.6

145 28.8 13.8 41.4

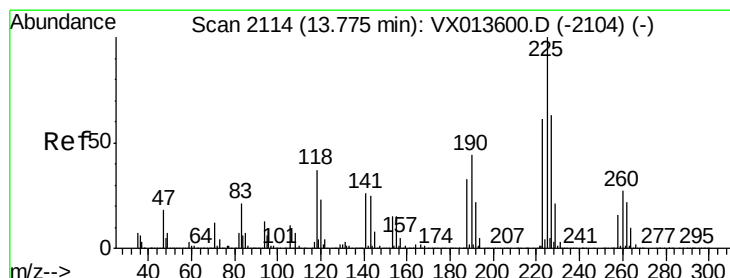
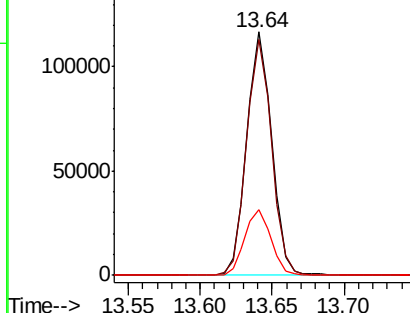
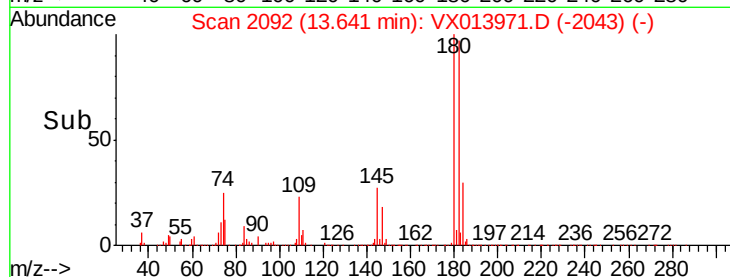


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.819 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

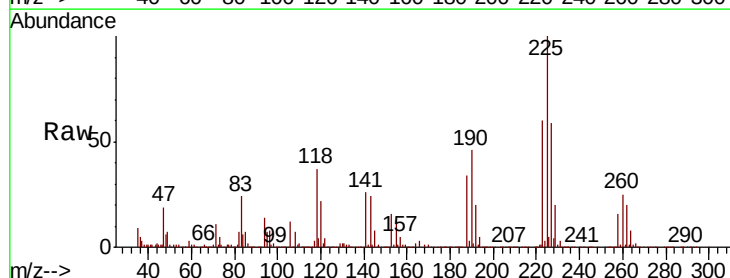
Tgt Ion:225 Resp: 73582

Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.5

227 63.4 32.1 96.3

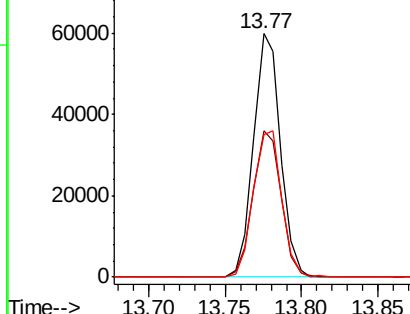
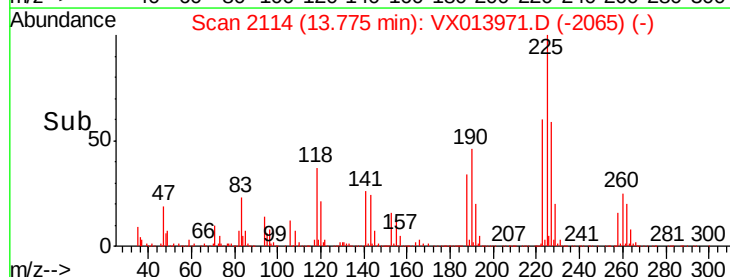


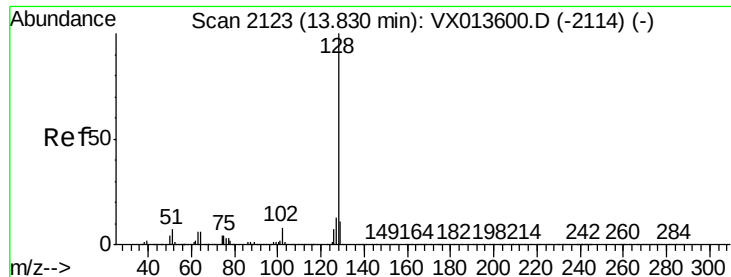
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

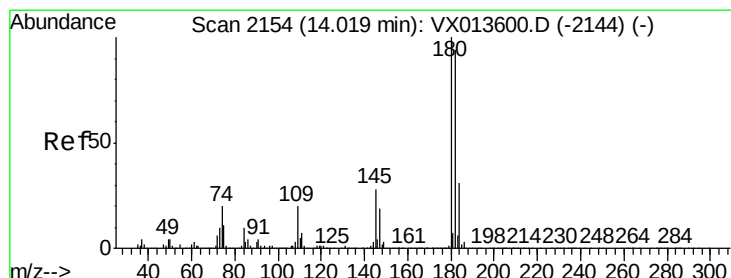
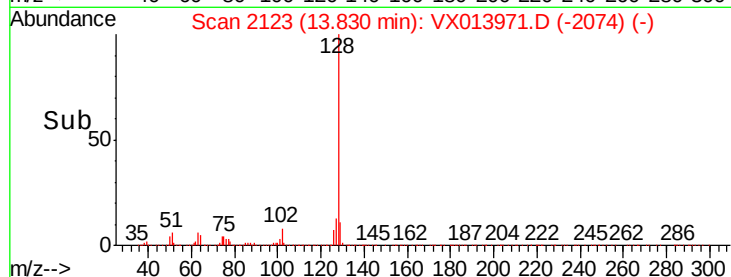
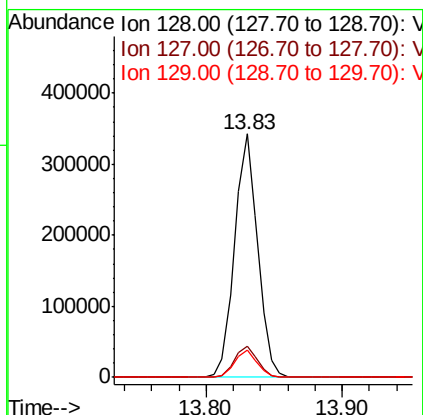
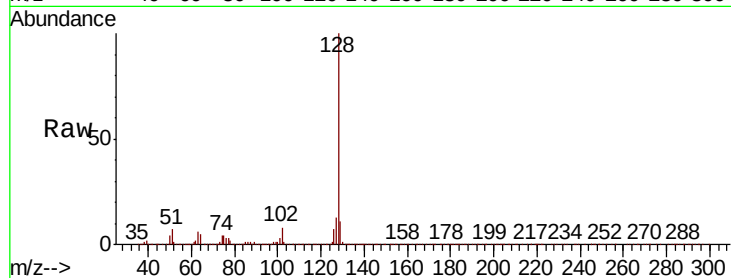




#95
Naphthalene
Concen: 17.556 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion:128 Resp: 404084
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.587 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion:180 Resp: 142236
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.8
145 30.2 15.0 45.0

