

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013969.D
 Acq On : 12 Dec 2019 12:16
 Operator : JC/SP
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 00:49:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	944194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	832318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	356825	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.49	113	295514	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.71	98	1124289	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	407810	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	138106	20.148	ug/l	99
3) Chloromethane	1.31	50	150684	19.591	ug/l	97
4) Vinyl Chloride	1.40	62	167019	19.293	ug/l	98
5) Bromomethane	1.62	94	104146	17.914	ug/l	94
6) Chloroethane	1.70	64	90231	18.317	ug/l	96
7) Trichlorofluoromethane	1.87	101	196535	20.446	ug/l	99
8) Diethyl Ether	2.19	74	91970	21.148	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.34	101	123624	21.055	ug/l	99
10) Methyl Iodide	2.48	142	127745	17.986	ug/l	98
11) Tert butyl alcohol	3.01	59	10923	6.191	ug/l #	74
12) 1,1-Dichloroethene	2.33	96	117514	20.051	ug/l	98
13) Acrolein	2.30	56	86739	77.744	ug/l	99
14) Allyl chloride	2.70	41	198934	18.704	ug/l	97
15) Acrylonitrile	3.15	53	354767	97.405	ug/l	99
16) Acetone	2.47	43	321935	91.218	ug/l	99
17) Carbon Disulfide	2.53	76	254118	15.210	ug/l	99
18) Methyl Acetate	2.78	43	214651	21.841	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	416024	21.428	ug/l	100
20) Methylene Chloride	2.84	84	172404	25.427	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	125085	19.592	ug/l	96
22) Diisopropyl ether	3.86	45	465186	22.715	ug/l #	88
23) Vinyl Acetate	3.81	43	1766506	103.687	ug/l	98
24) 1,1-Dichloroethane	3.67	63	242363	21.648	ug/l	99
25) 2-Butanone	4.69	43	480034	91.519	ug/l	99
26) 2,2-Dichloropropane	4.56	77	189626	20.472	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	150026	20.462	ug/l	95
28) Bromochloromethane	5.00	49	87792	19.836	ug/l	99
29) Tetrahydrofuran	5.14	42	317264	98.118	ug/l	98
30) Chloroform	5.20	83	234106	20.619	ug/l	98
31) Cyclohexane	5.55	56	215981	20.454	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	192351	20.273	ug/l	99
36) 1,1-Dichloropropene	5.78	75	169468	19.772	ug/l	98
37) Ethyl Acetate	4.84	43	203205	21.134	ug/l	99
38) Carbon Tetrachloride	5.76	117	158863	20.101	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 00:49:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	216161	20.403	ug/l	99
40) Benzene	6.12	78	550645	21.094	ug/l	99
41) Methacrylonitrile	5.05	41	91308	17.316	ug/l	90
42) 1,2-Dichloroethane	6.18	62	189625	21.300	ug/l	100
43) Isopropyl Acetate	6.45	43	316303	19.982	ug/l	99
44) Trichloroethene	7.20	130	142652	19.912	ug/l	99
45) 1,2-Dichloropropane	7.51	63	139323	21.332	ug/l	98
46) Dibromomethane	7.65	93	89094	20.085	ug/l	97
47) Bromodichloromethane	7.89	83	169252	20.183	ug/l	97
48) Methyl methacrylate	7.77	41	157802	20.517	ug/l	99
49) 1,4-Dioxane	7.76	88	57555	334.309	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	989333	99.358	ug/l	99
52) Toluene	8.78	92	338057	20.846	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183126	19.185	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213923	20.514	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	140239	21.459	ug/l	97
56) Ethyl methacrylate	9.18	69	212822	20.256	ug/l	100
57) 1,3-Dichloropropane	9.37	76	239817	21.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	447489	108.628	ug/l	98
59) 2-Hexanone	9.50	43	735744	94.740	ug/l	98
60) Dibromochloromethane	9.58	129	133481	19.681	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141467	20.268	ug/l	99
64) Tetrachloroethene	9.33	164	131416	21.172	ug/l	96
65) Chlorobenzene	10.14	112	360244	20.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	134110	21.612	ug/l	99
67) Ethyl Benzene	10.25	91	638454	21.501	ug/l	99
68) m/p-Xylenes	10.36	106	476289	41.894	ug/l	99
69) o-Xylene	10.70	106	236105	21.294	ug/l	99
70) Styrene	10.71	104	394775	21.165	ug/l	99
71) Bromoform	10.85	173	95509	18.602	ug/l	98
73) Isopropylbenzene	11.01	105	630360	21.681	ug/l	99
74) N-amyl acetate	10.90	43	277599	20.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	224009	22.217	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	238335	25.566	ug/l	90
77) Bromobenzene	11.25	156	162218	20.653	ug/l	98
78) n-propylbenzene	11.35	91	688107	21.202	ug/l	100
79) 2-Chlorotoluene	11.42	91	418942	21.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	525671	22.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61411	18.022	ug/l	92
82) 4-Chlorotoluene	11.51	91	476696	21.140	ug/l	98
83) tert-Butylbenzene	11.77	119	528755	21.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	525513	21.730	ug/l	99
85) sec-Butylbenzene	11.94	105	606541	21.928	ug/l	100
86) p-Isopropyltoluene	12.06	119	554669	21.555	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284345	20.768	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	282470	20.255	ug/l	98
89) n-Butylbenzene	12.39	91	457928	20.865	ug/l	99
90) Hexachloroethane	12.59	117	94737	20.368	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294430	21.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40077	18.253	ug/l	98

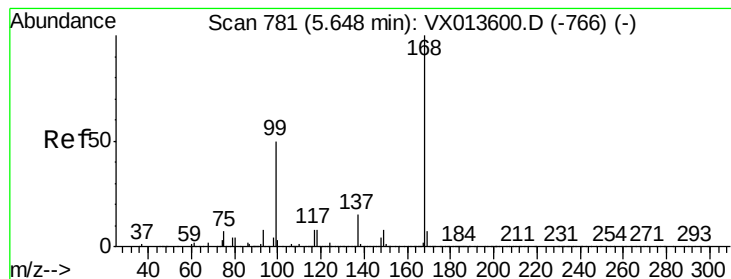
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013969.D
Acq On : 12 Dec 2019 12:16
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Sample : VX1212WBS01
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Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Quant Time: Dec 13 00:49:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	184327	19.551	ug/l	98
94) Hexachlorobutadiene	13.78	225	96086	21.216	ug/l	99
95) Naphthalene	13.83	128	547850	19.513	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	188691	20.214	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

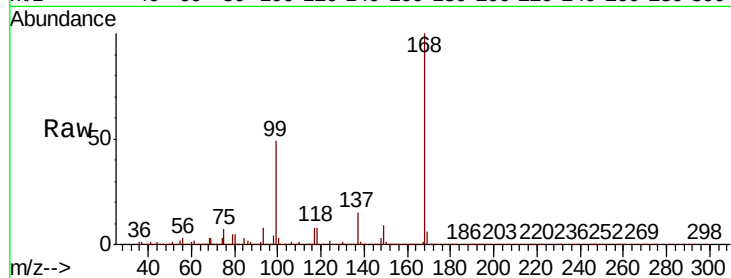
VX1212WBS01

Tot Ion:168 Resp: 615836

Ion Ratio Lower Upper

168 100

99 48.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

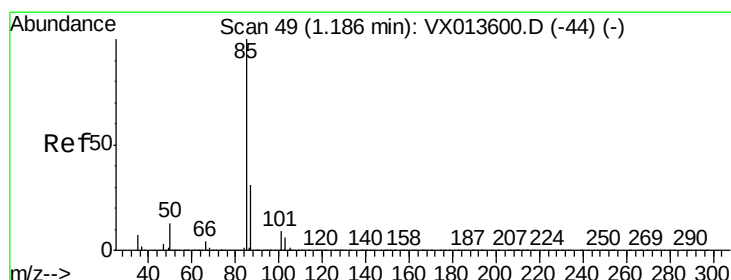
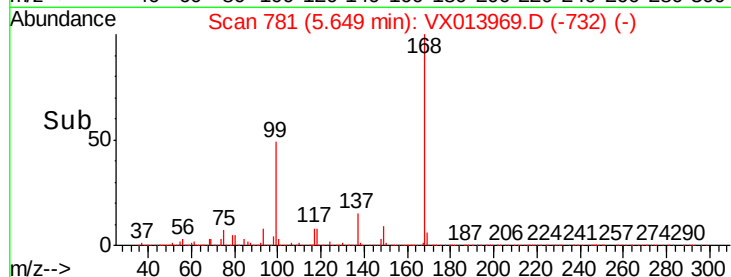
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.148 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013969.D

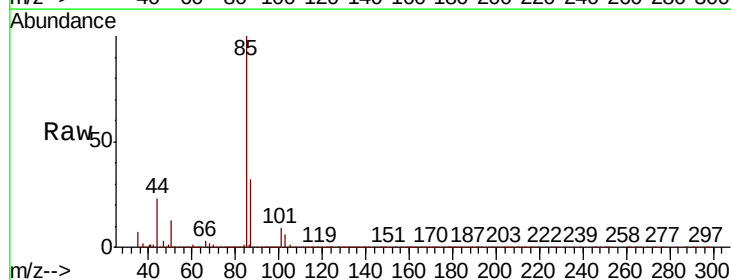
Acq: 12 Dec 2019 12:16

Tgt Ion: 85 Resp: 138106

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

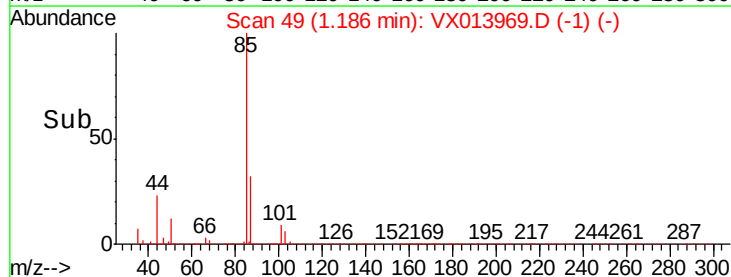
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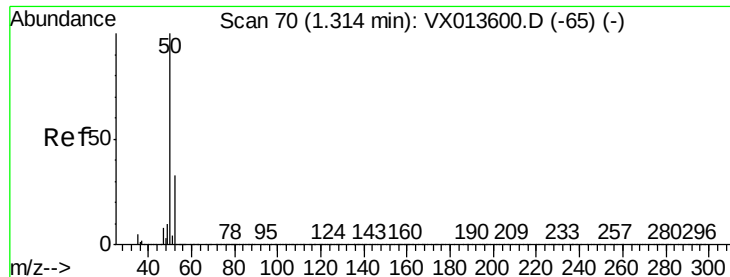
20000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 19.591 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

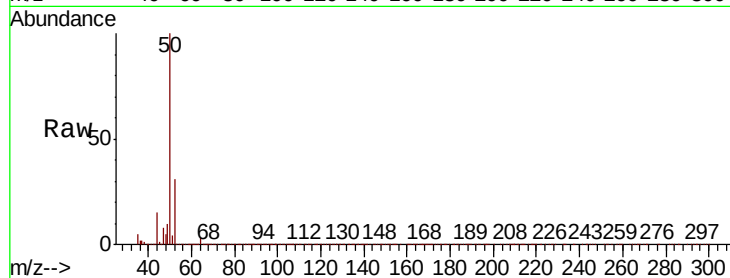
VX1212WBS01

Tot Ion: 50 Resp: 150684

Ion Ratio Lower Upper

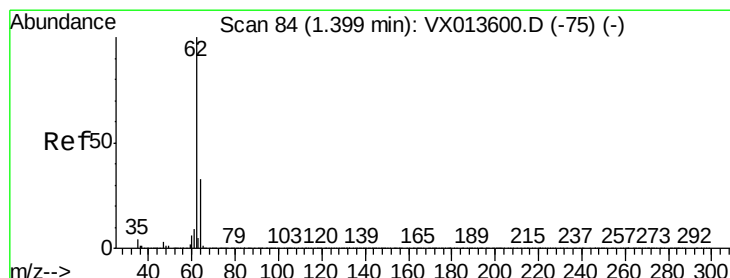
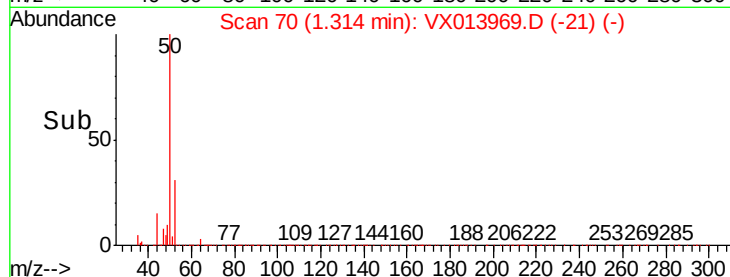
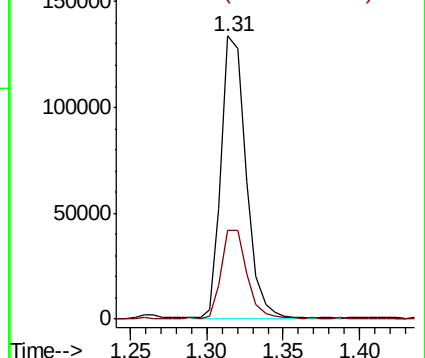
50 100

52 31.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.293 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013969.D

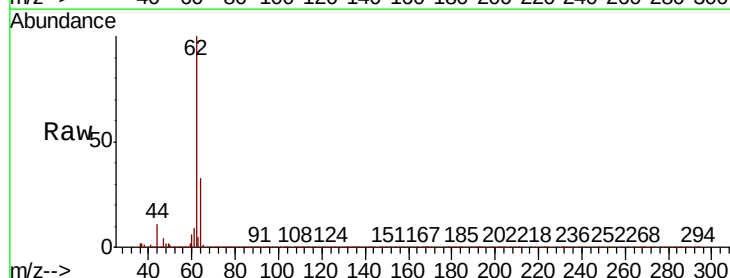
Acq: 12 Dec 2019 12:16

Tgt Ion: 62 Resp: 167019

Ion Ratio Lower Upper

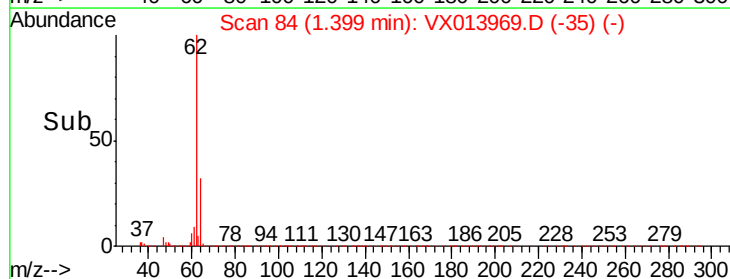
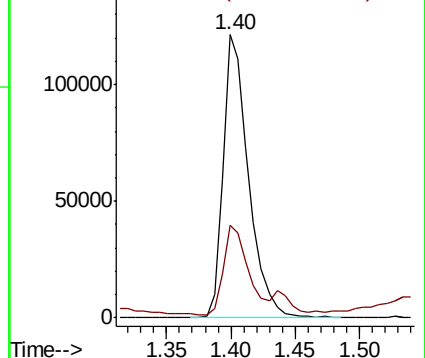
62 100

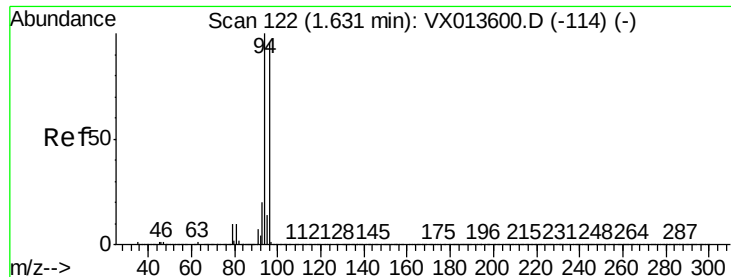
64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.914 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

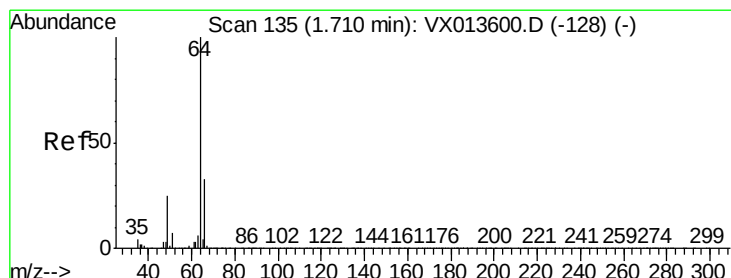
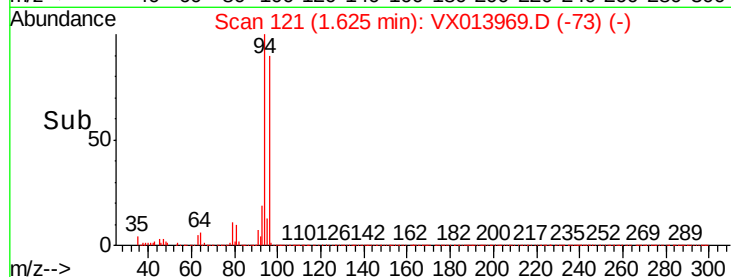
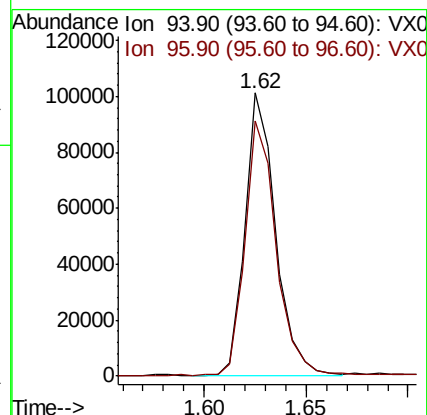
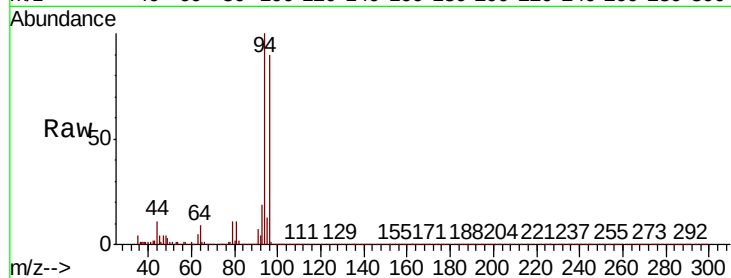
VX1212WBS01

Tot Ion: 94 Resp: 104146

Ion Ratio Lower Upper

94 100

96 90.0 77.0 115.4



#6

Chloroethane

Concen: 18.317 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013969.D

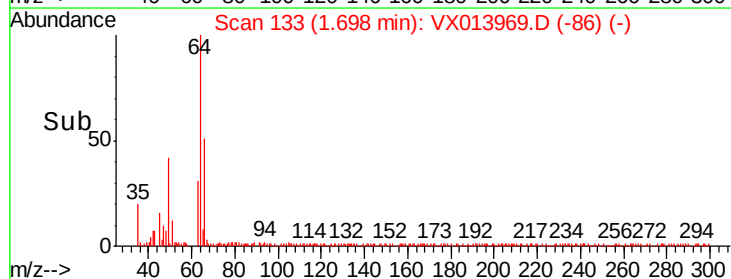
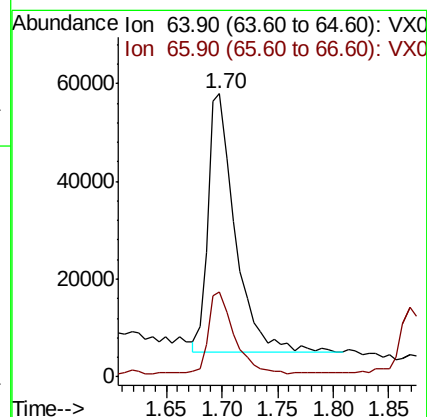
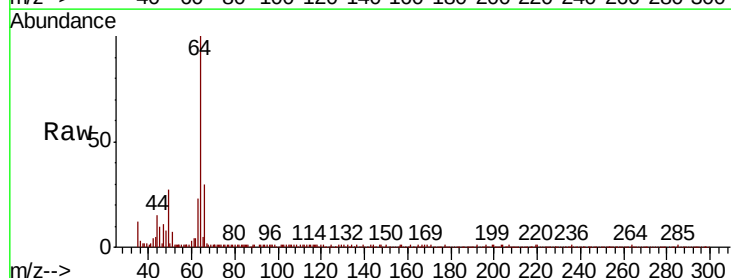
Acq: 12 Dec 2019 12:16

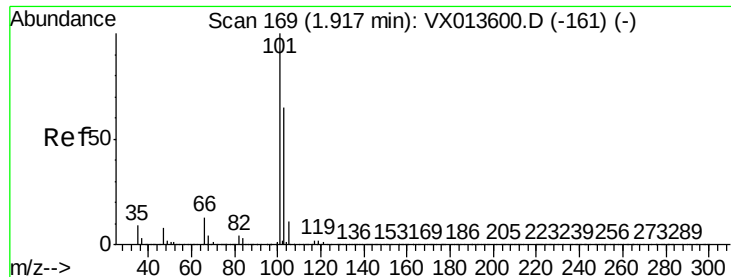
Tgt Ion: 64 Resp: 90231

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



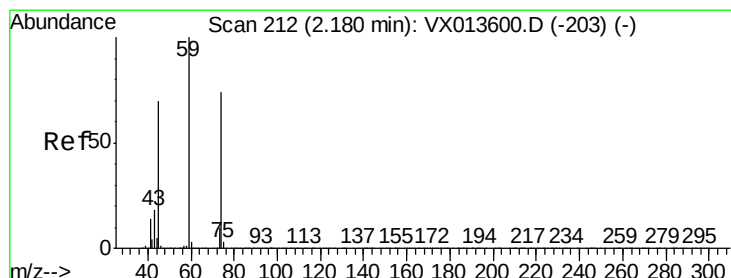
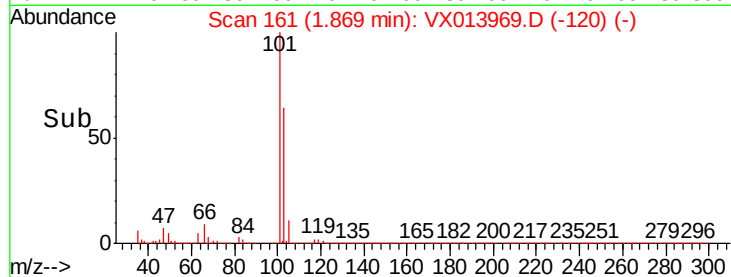
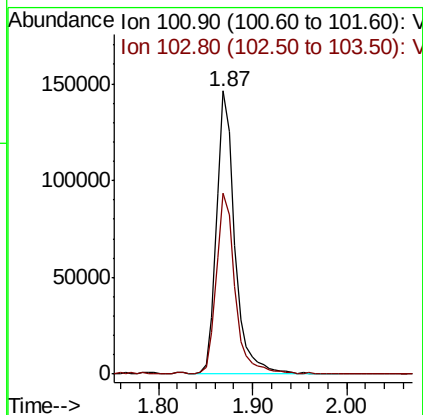
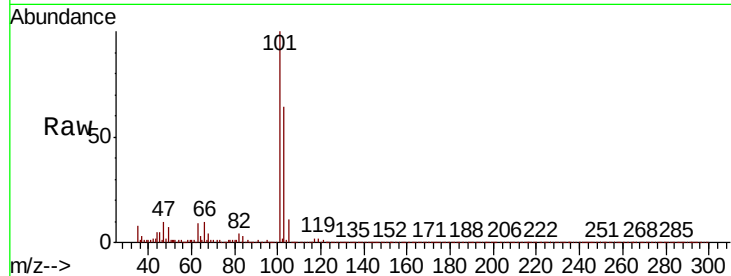


#7

Trichlorofluoromethane
 Concen: 20.446 ug/l
 RT: 1.87 min Scan# 161
 Delta R.T. -0.05 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

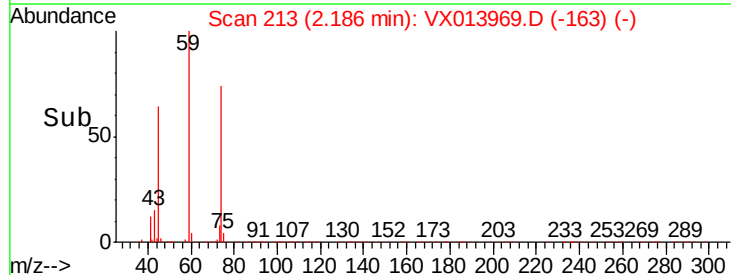
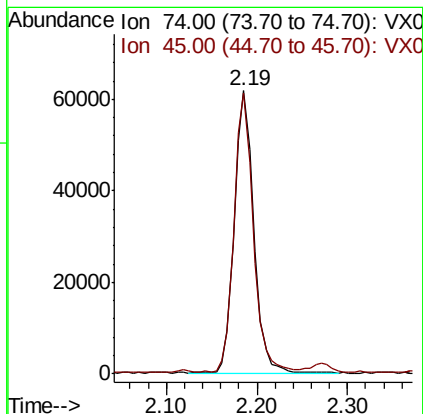
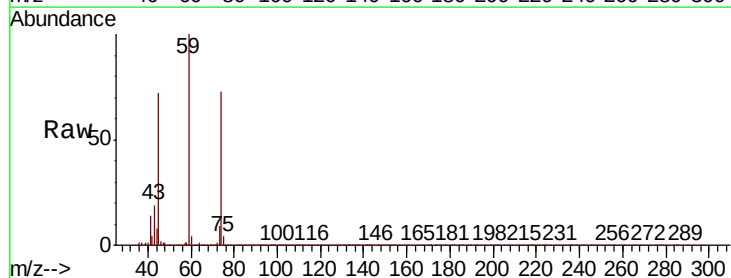
Tot Ion:101 Resp: 196535
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.6

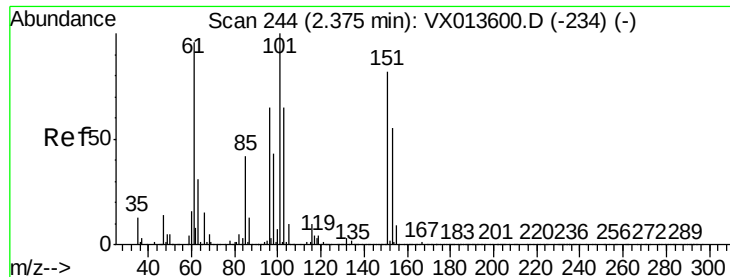


#8

Diethyl Ether
 Concen: 21.148 ug/l
 RT: 2.19 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 74 Resp: 91970
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.055 ug/l

RT: 2.34 min Scan# 238

Delta R.T. -0.04 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

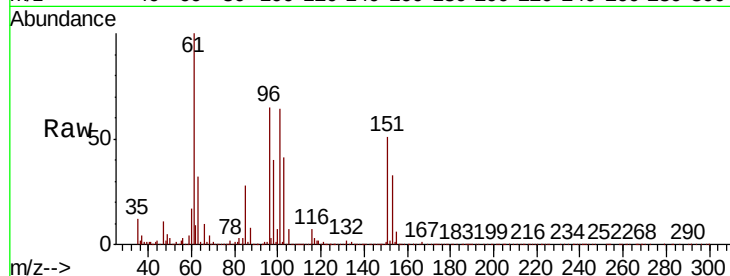
Tot Ion:101 Resp: 123624

Ion Ratio Lower Upper

101 100

85 43.9 33.9 50.9

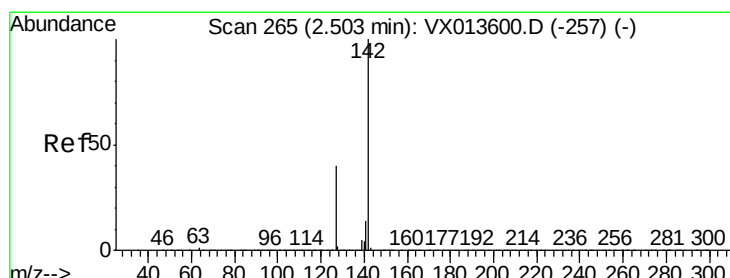
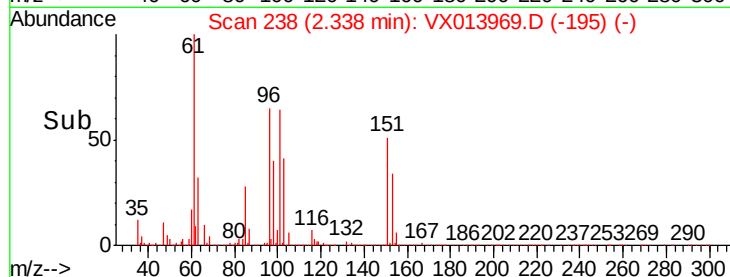
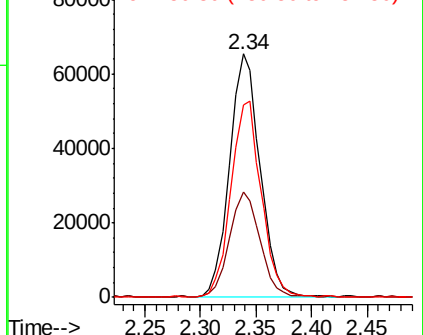
151 80.1 64.2 96.2



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: 17.986 ug/l

RT: 2.48 min Scan# 261

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

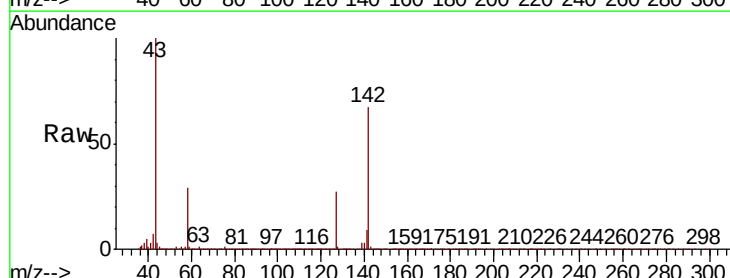
Tgt Ion:142 Resp: 127745

Ion Ratio Lower Upper

142 100

127 39.8 31.0 46.4

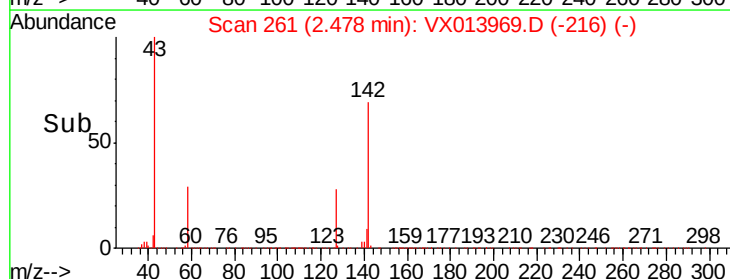
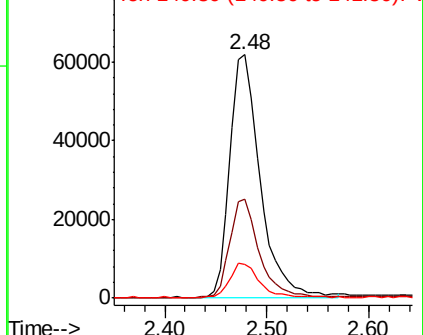
141 14.1 11.6 17.4

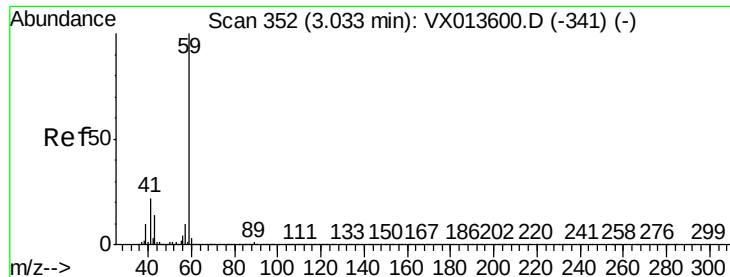


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



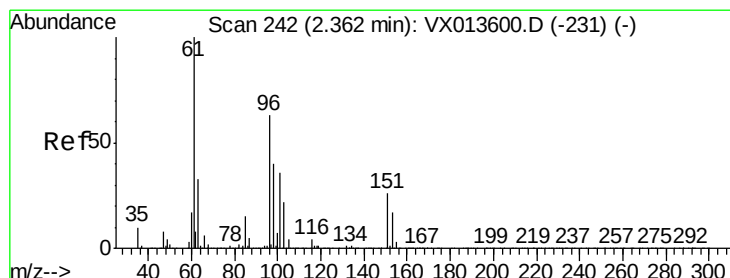
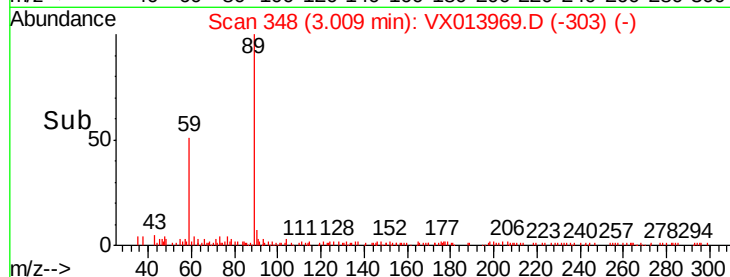
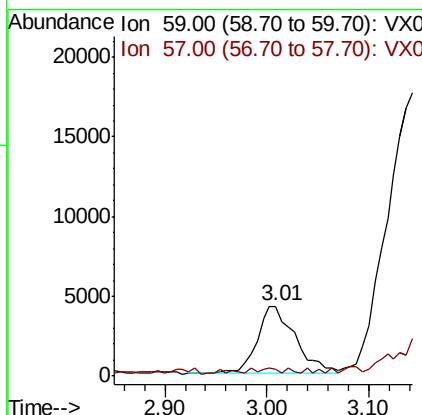
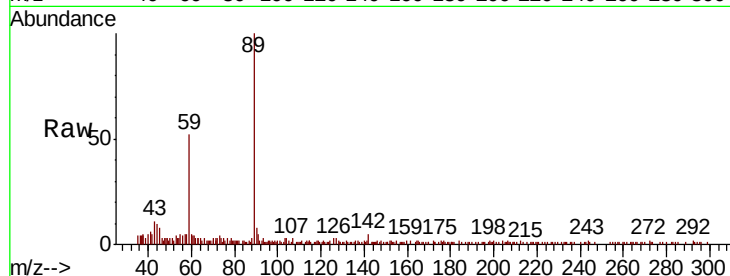


#11

Tert butyl alcohol
Concen: 6.191 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

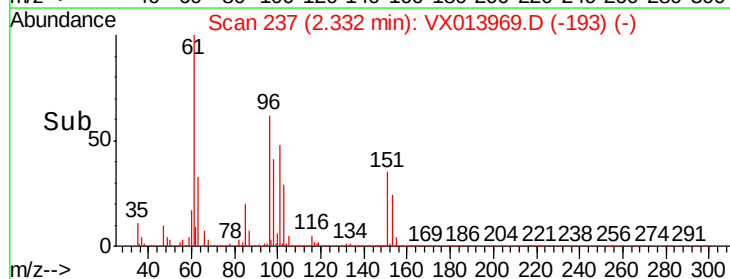
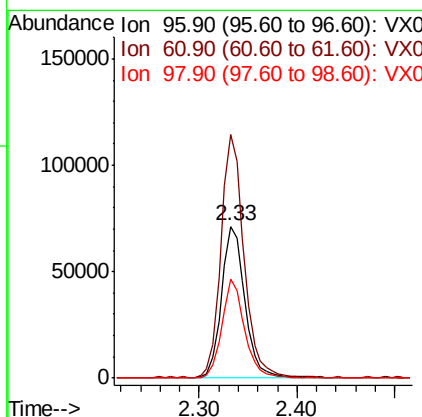
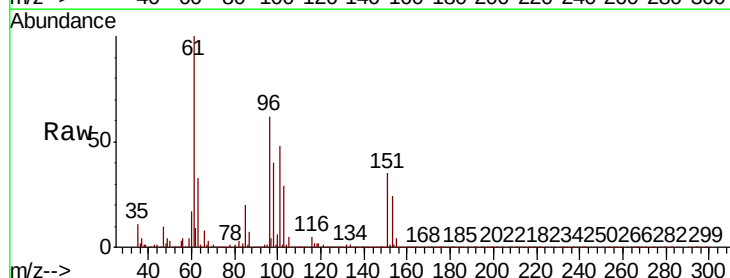
Tot Ion: 59 Resp: 10923
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

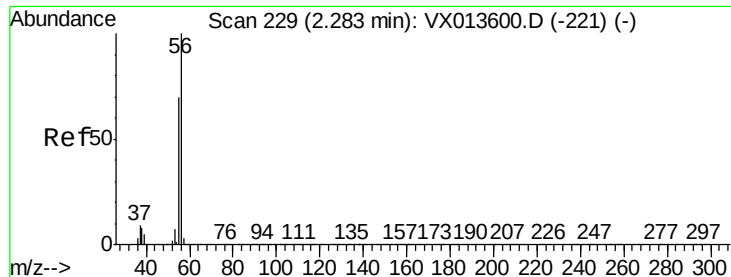


#12

1,1-Dichloroethene
Concen: 20.051 ug/l
RT: 2.33 min Scan# 237
Delta R.T. -0.03 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 96 Resp: 117514
Ion Ratio Lower Upper
96 100
61 160.8 126.6 190.0
98 64.9 50.6 76.0





#13

Acrolein

Concen: 77.744 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

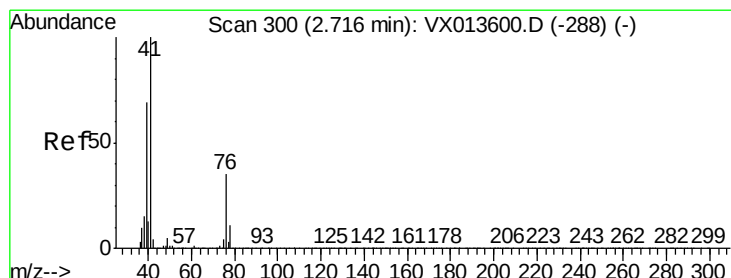
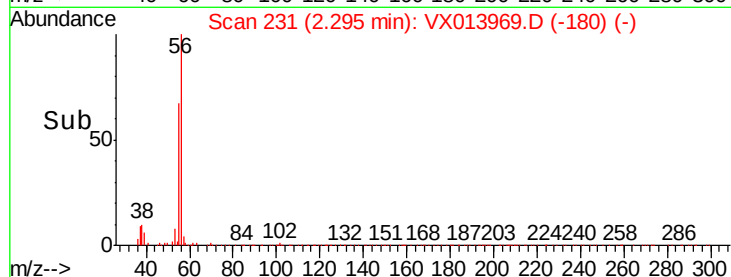
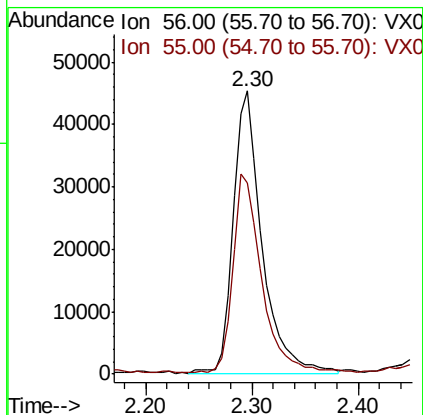
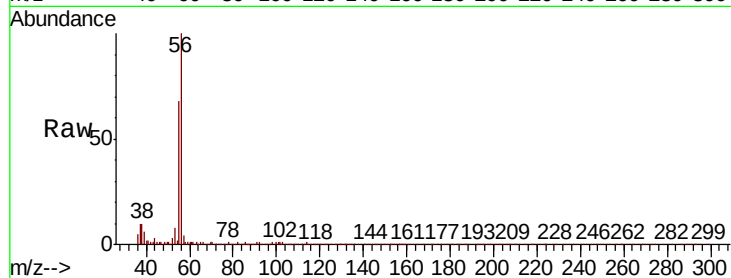
VX1212WBS01

Tot Ion: 56 Resp: 86739

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.4



#14

Allyl chloride

Concen: 18.704 ug/l

RT: 2.70 min Scan# 297

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

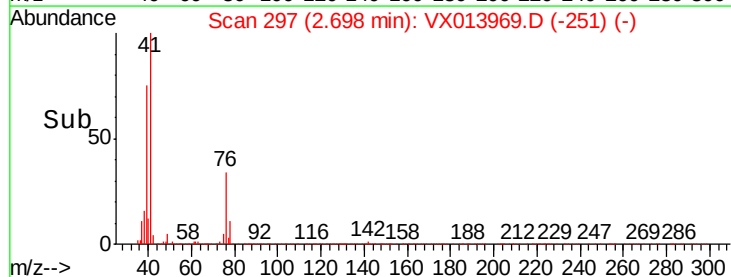
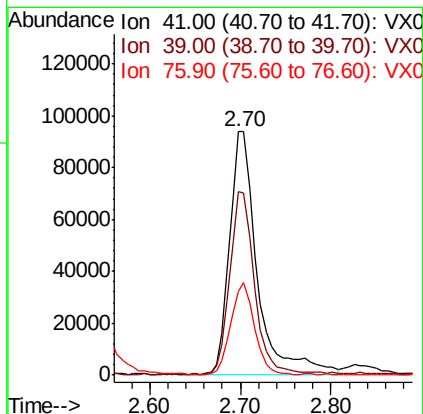
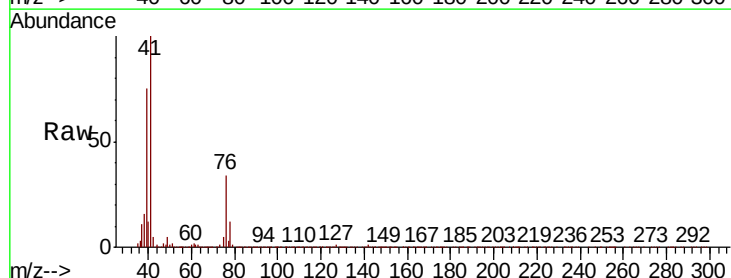
Tgt Ion: 41 Resp: 198934

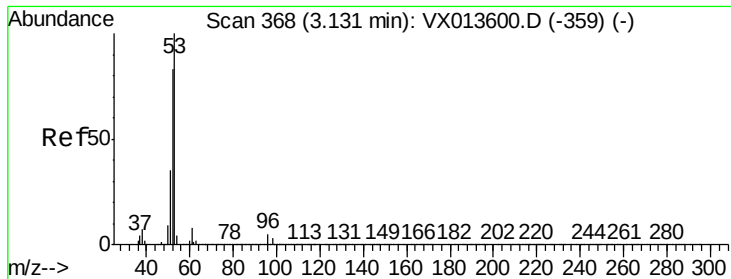
Ion Ratio Lower Upper

41 100

39 67.6 51.7 77.5

76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 97.405 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

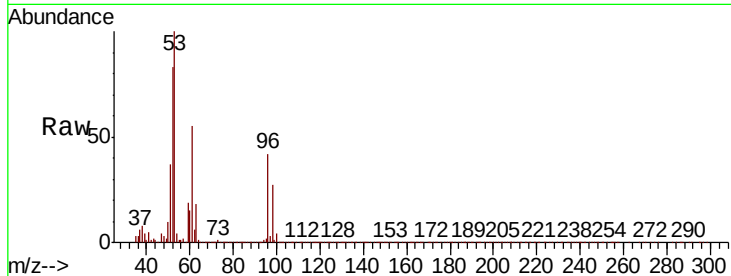
MSVOA_X

ClientSampled :

VX1212WBS01

Tot Ion: 53 Resp: 354767

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.2
51	35.5	29.0	43.6

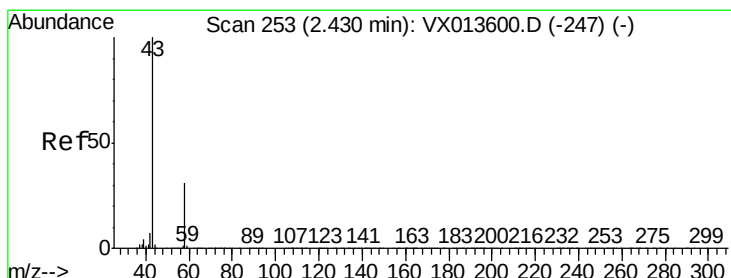
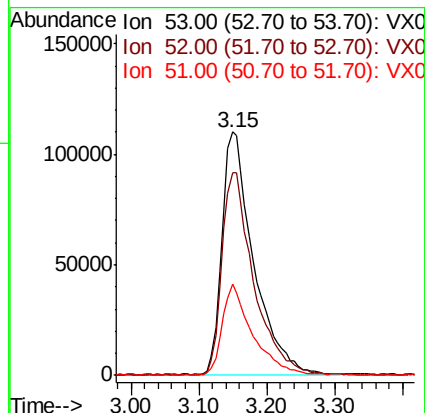
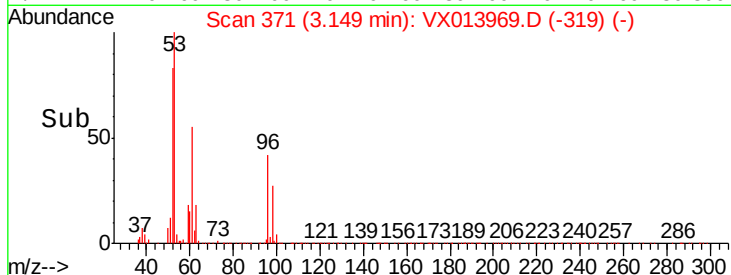


Abundance

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: 91.218 ug/l

RT: 2.47 min Scan# 259

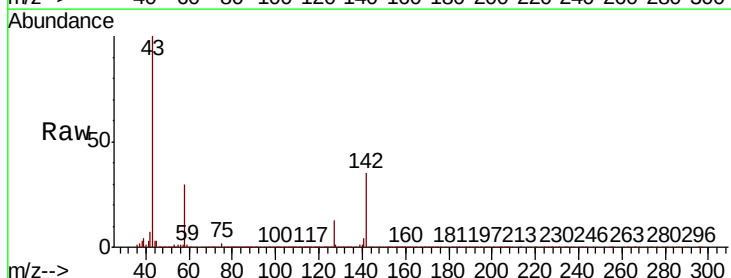
Delta R.T. 0.04 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion: 43 Resp: 321935

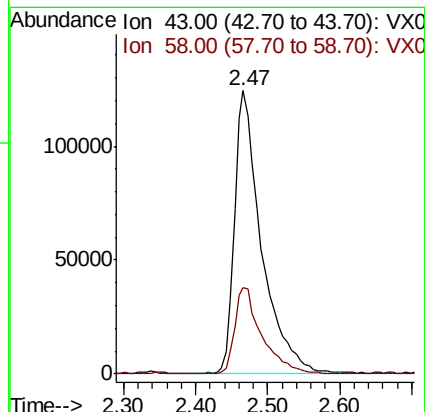
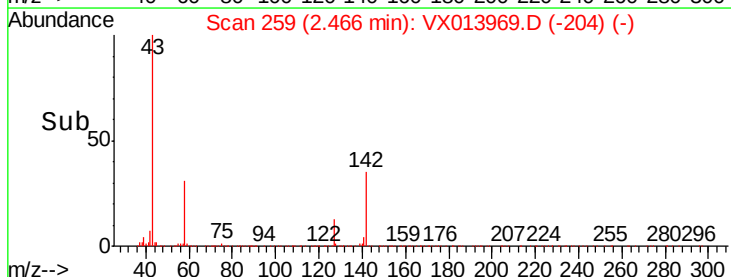
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	36.8

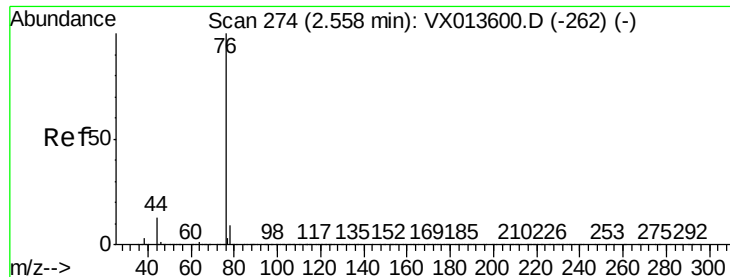


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.210 ug/l

RT: 2.53 min Scan# 269

Delta R.T. -0.03 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

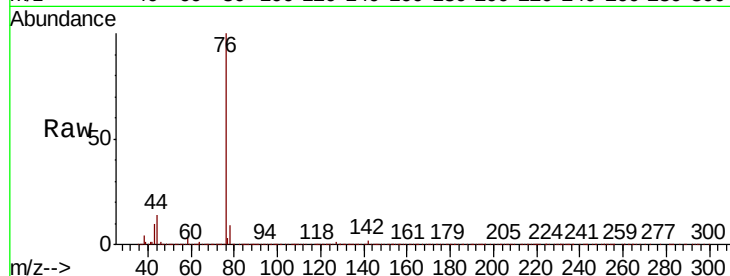
VX1212WBS01

Tot Ion: 76 Resp: 254118

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.53

150000

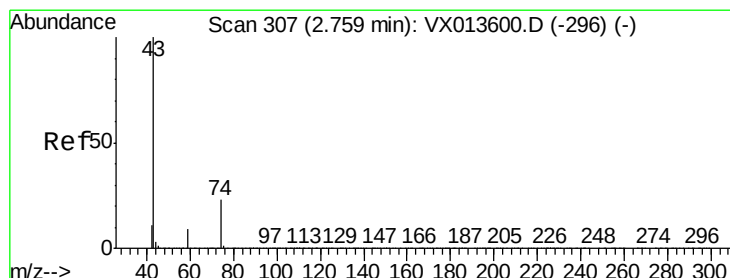
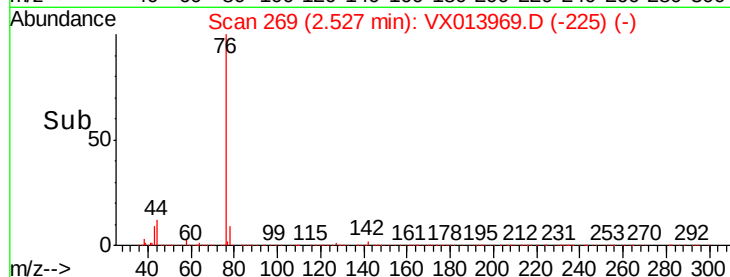
100000

50000

0

2.40 2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 21.841 ug/l

RT: 2.78 min Scan# 310

Delta R.T. 0.02 min

Lab File: VX013969.D

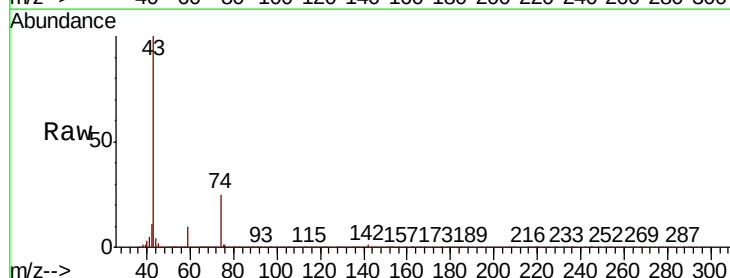
Acq: 12 Dec 2019 12:16

Tgt Ion: 43 Resp: 214651

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

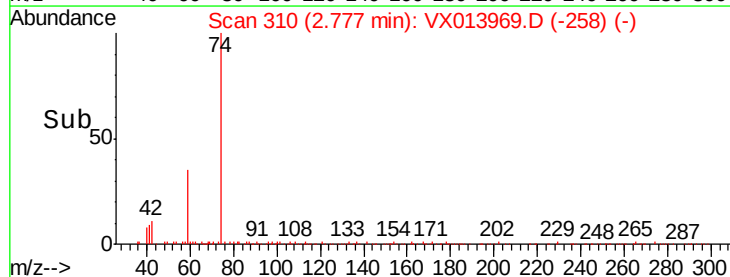
40000

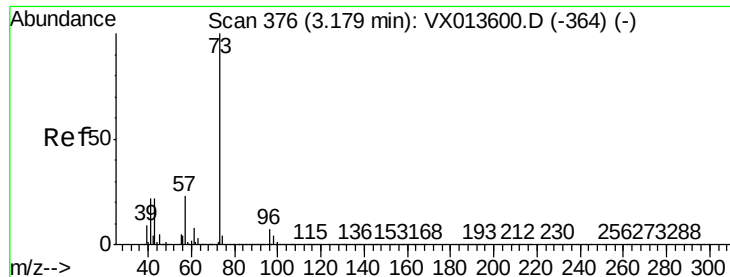
20000

0

2.70 2.80 2.90 3.00

Time-->

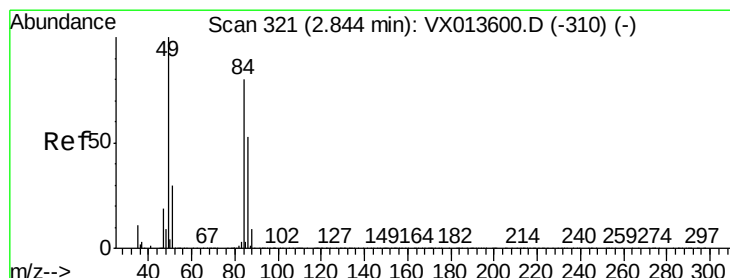
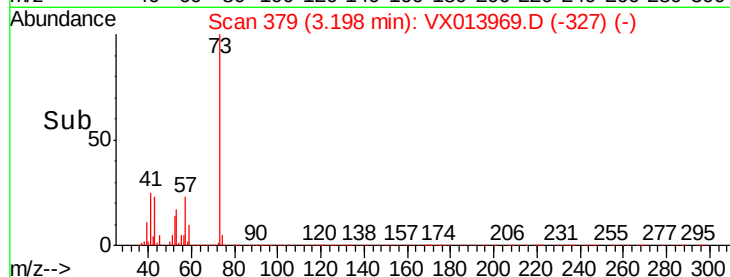
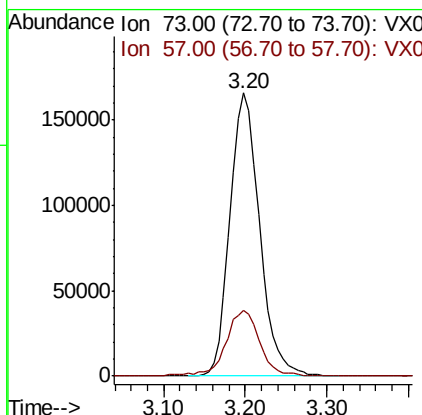
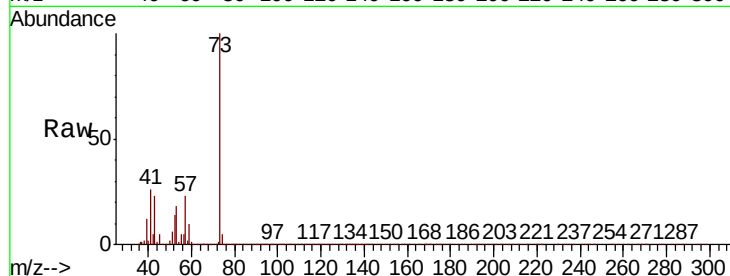




#19
Methyl tert-butyl Ether
Concen: 21.428 ug/l
RT: 3.20 min Scan# 379
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

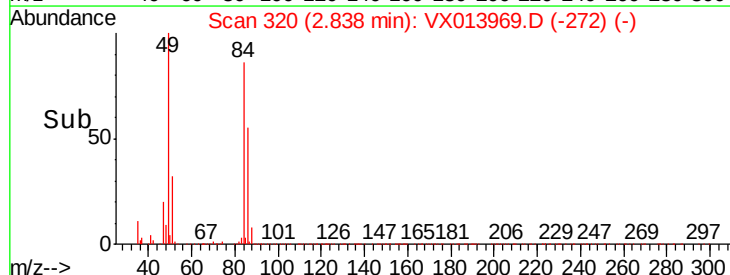
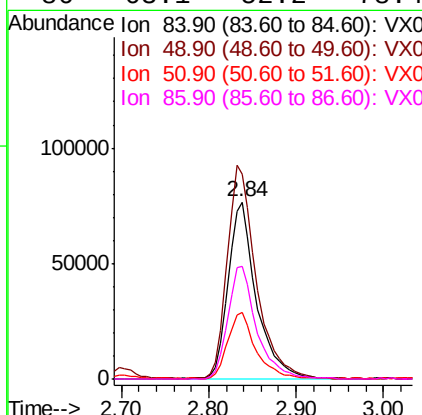
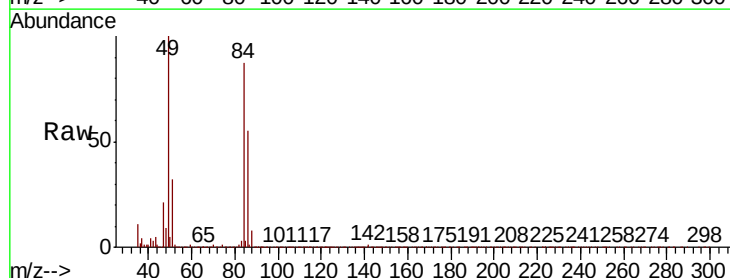
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

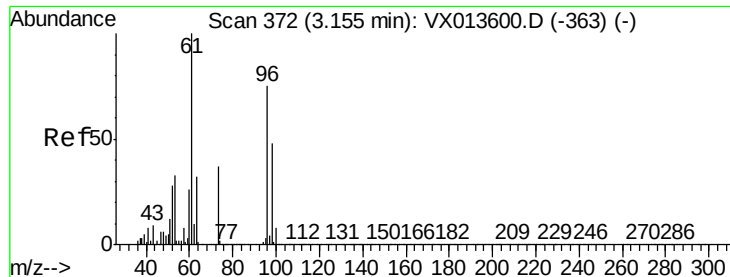
Tot Ion: 73 Resp: 416024
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 25.427 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 84 Resp: 172404
Ion Ratio Lower Upper
84 100
49 115.2 99.7 149.5
51 36.9 29.9 44.9
86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.592 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

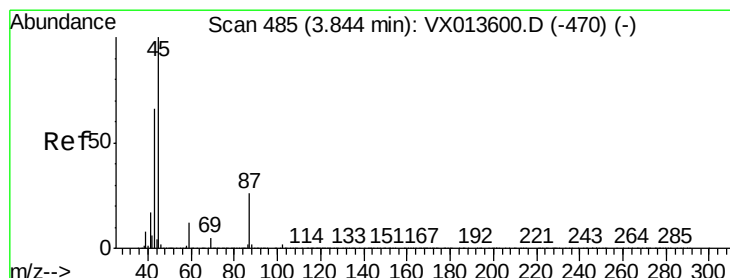
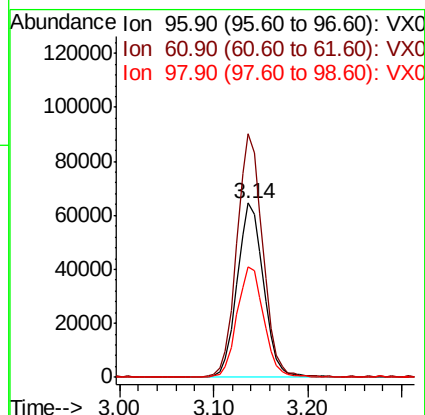
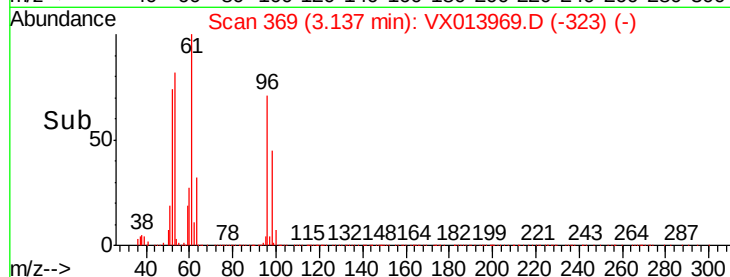
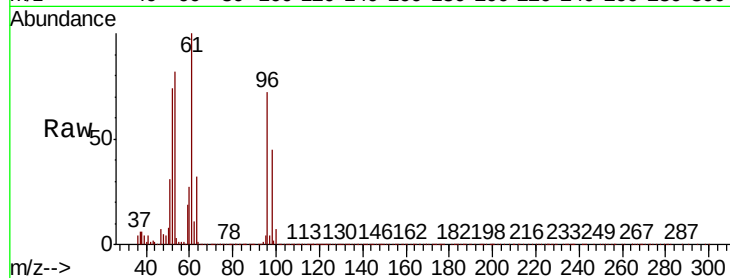
Tot Ion: 96 Resp: 125085

Ion Ratio Lower Upper

96 100

61 139.8 107.2 160.8

98 63.1 51.4 77.0



#22

Diisopropyl ether

Concen: 22.715 ug/l

RT: 3.86 min Scan# 487

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion: 45 Resp: 465186

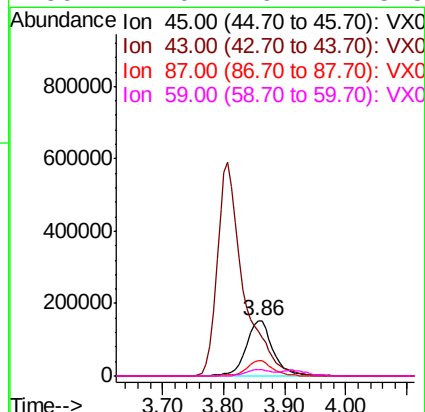
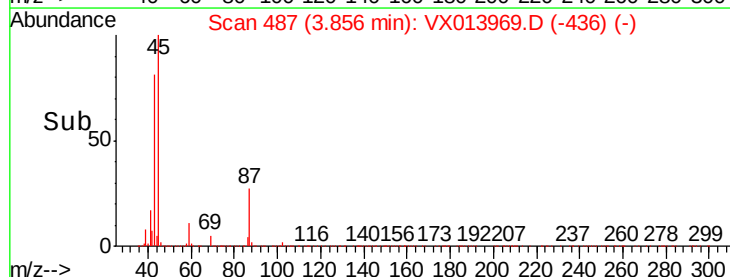
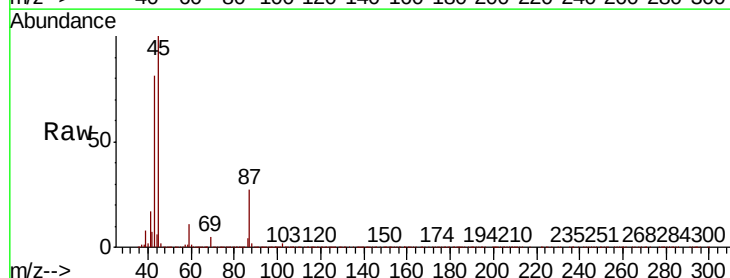
Ion Ratio Lower Upper

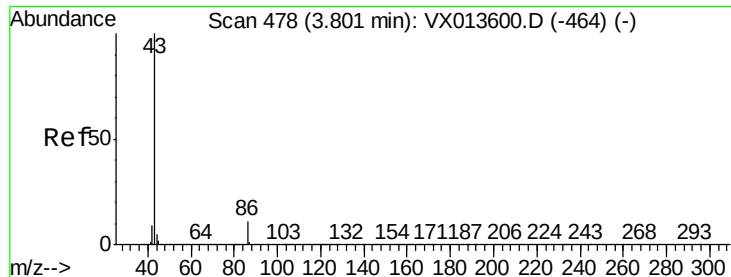
45 100

43 80.6 52.6 79.0#

87 27.1 21.1 31.7

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 103.687 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

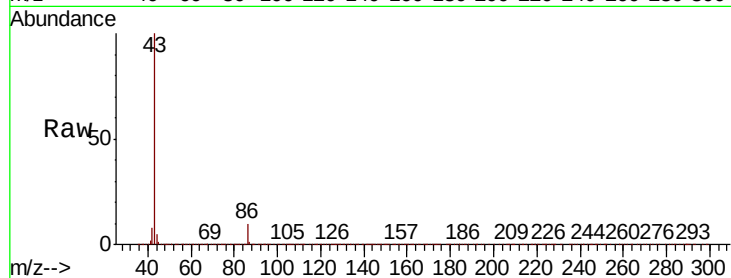
VX1212WBS01

Tot Ion: 43 Resp: 1766506

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

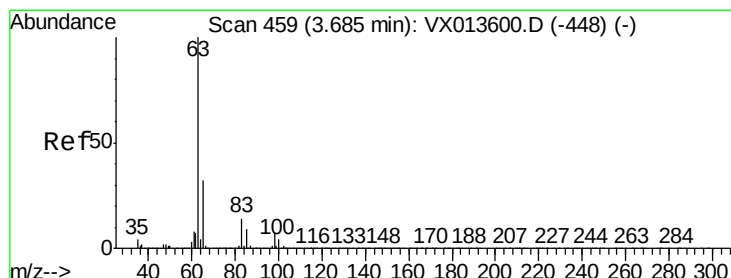
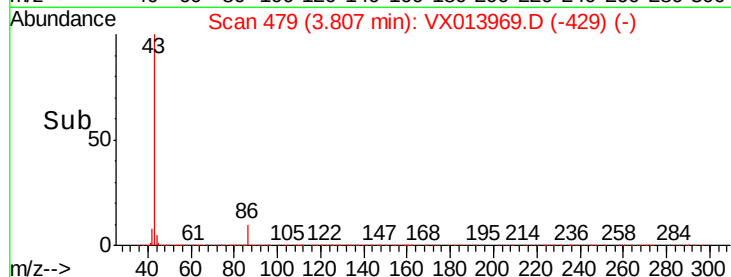
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.648 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

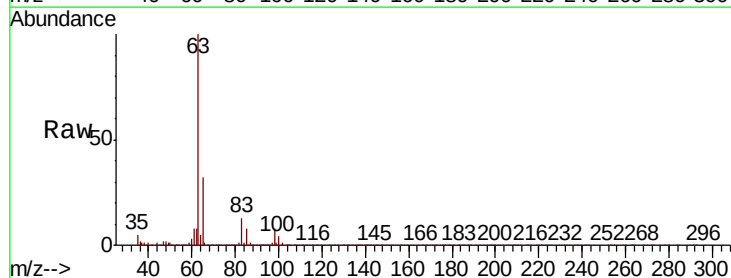
Tgt Ion: 63 Resp: 242363

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

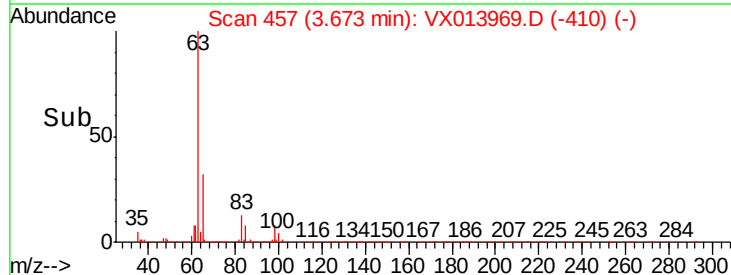
100000

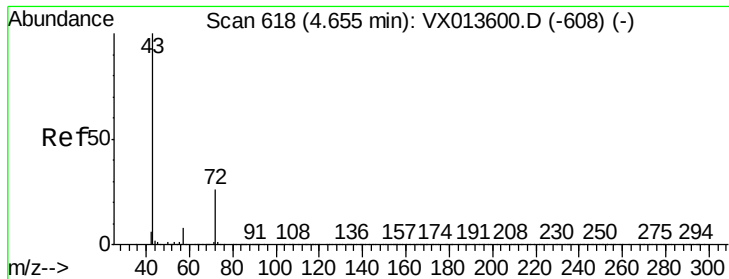
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 91.519 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

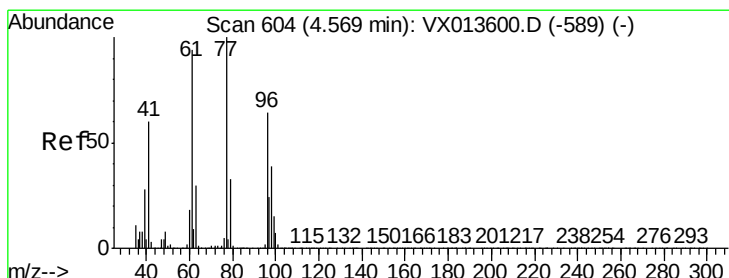
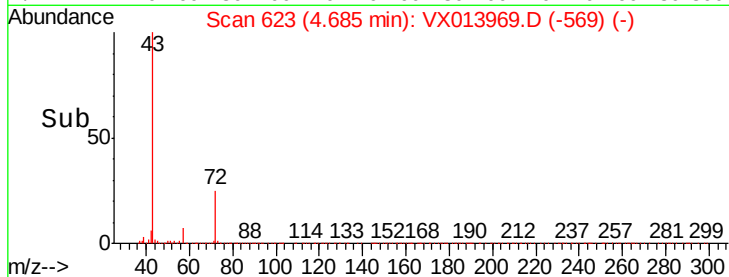
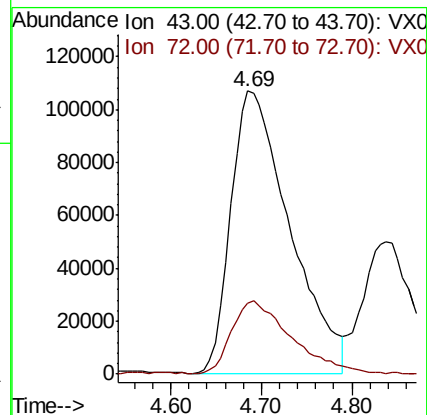
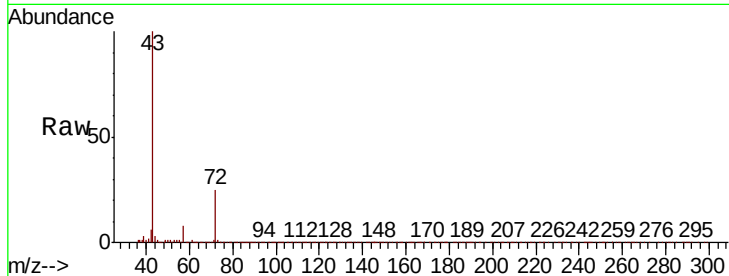
VX1212WBS01

Tot Ion: 43 Resp: 480034

Ion Ratio Lower Upper

43 100

72 25.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.472 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013969.D

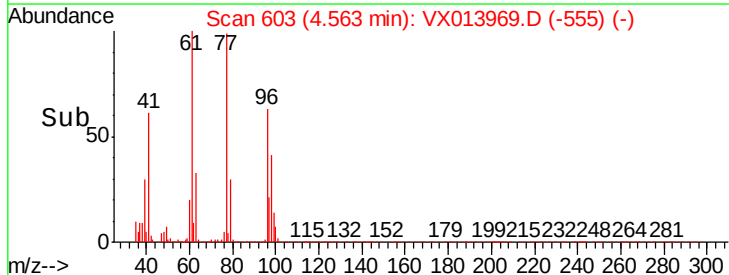
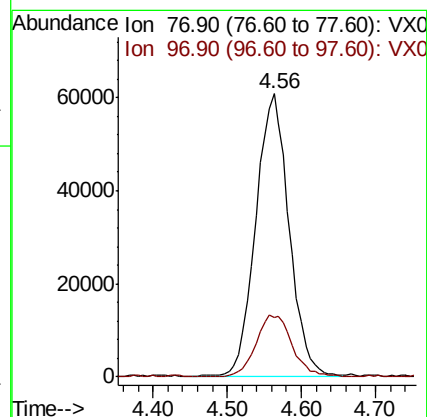
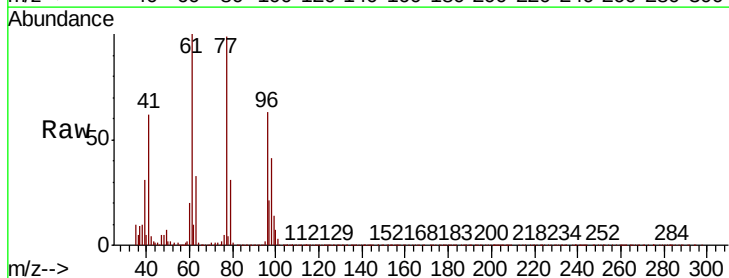
Acq: 12 Dec 2019 12:16

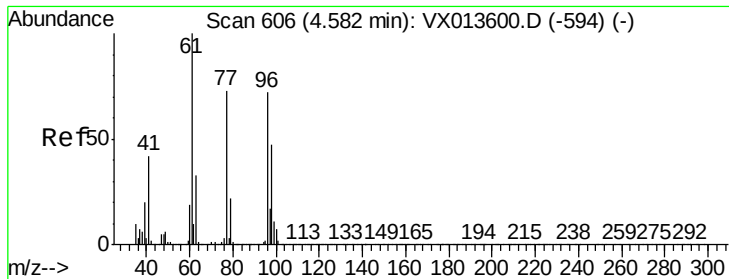
Tgt Ion: 77 Resp: 189626

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



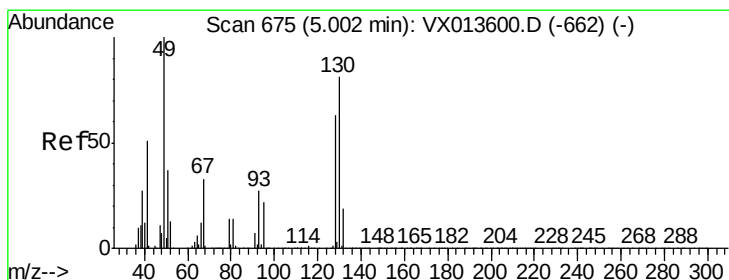
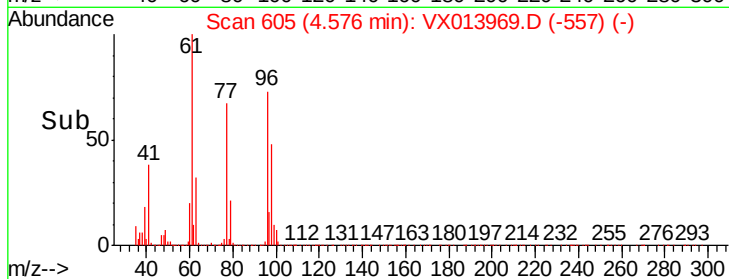
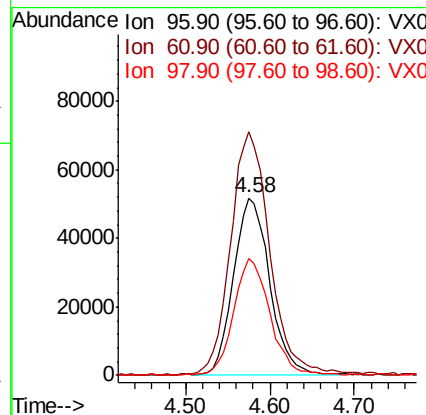
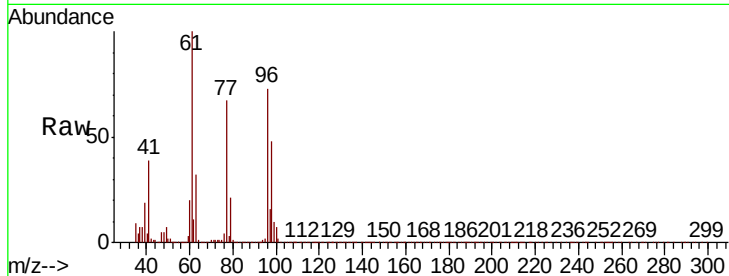


#27

cis-1,2-Dichloroethene
 Concen: 20.462 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

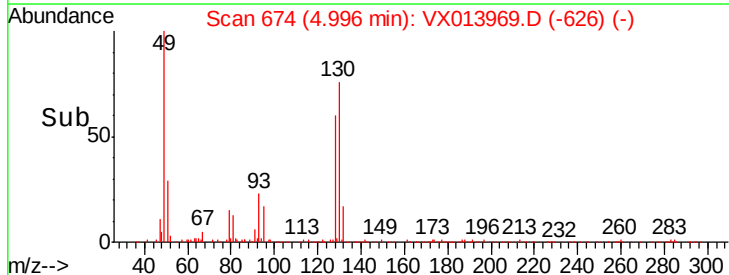
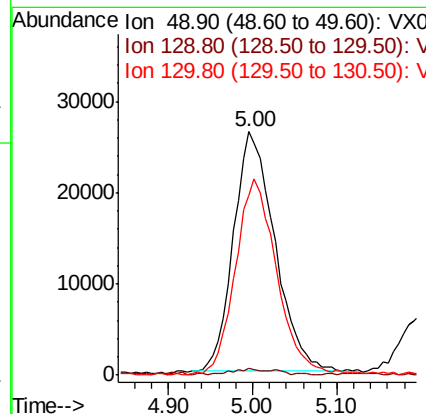
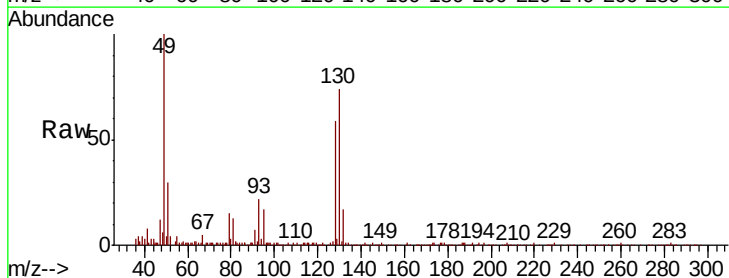
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	286.4
98	66.5	0.0	127.4

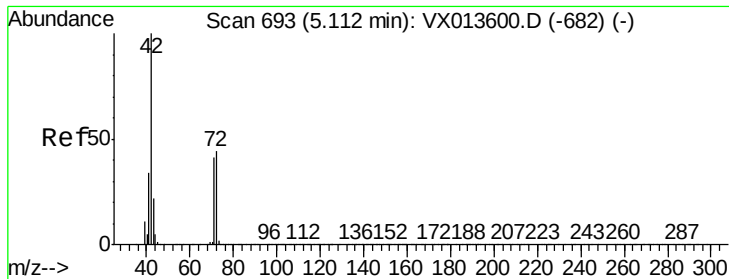


#28

Bromochloromethane
 Concen: 19.836 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	82.4	65.4	98.0

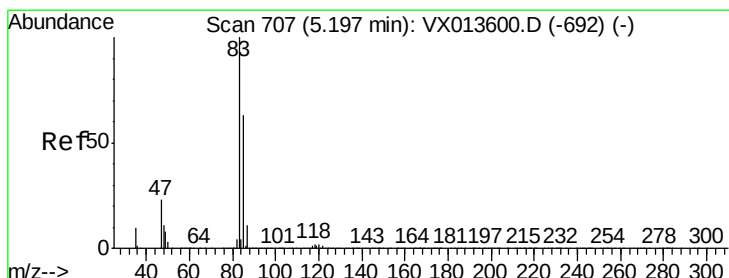
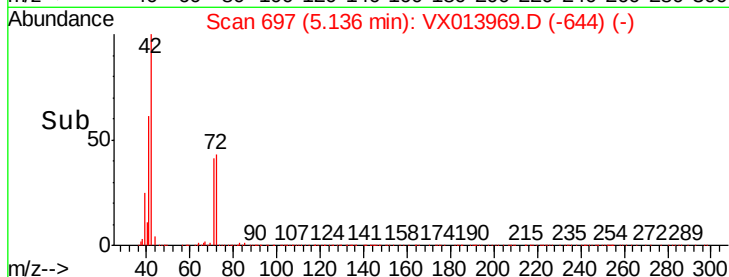
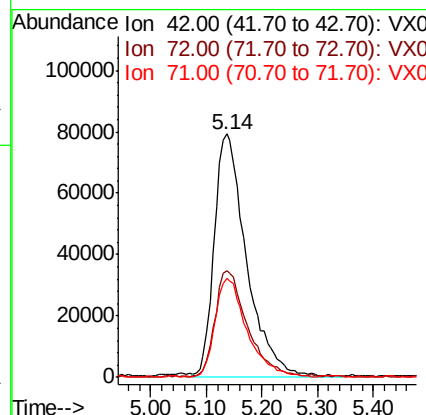
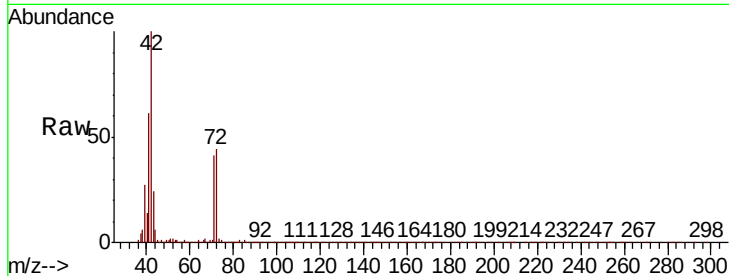




#29
Tetrahydrofuran
Concen: 98.118 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

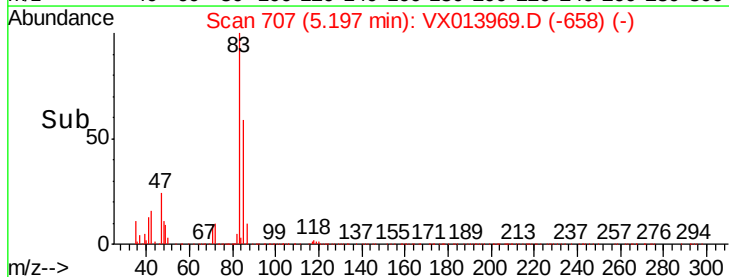
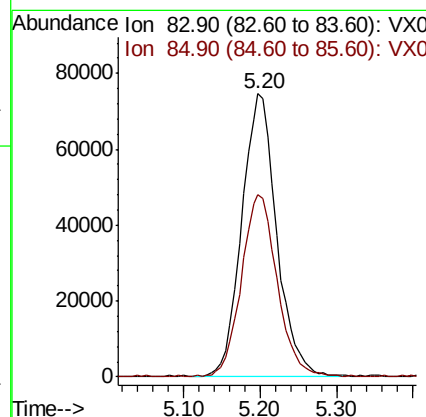
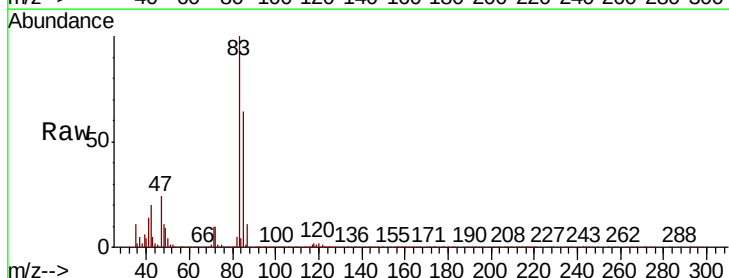
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

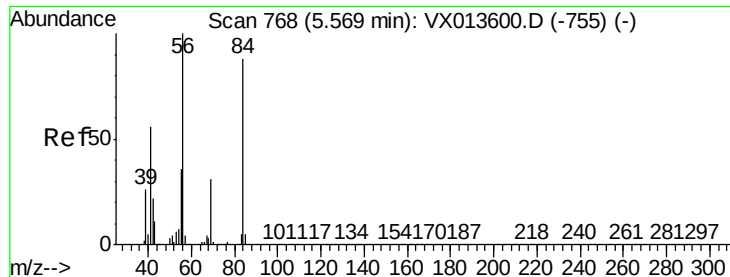
Tot Ion: 42 Resp: 317264
Ion Ratio Lower Upper
42 100
72 43.9 36.3 54.5
71 40.3 33.2 49.8



#30
Chloroform
Concen: 20.619 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 83 Resp: 234106
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4

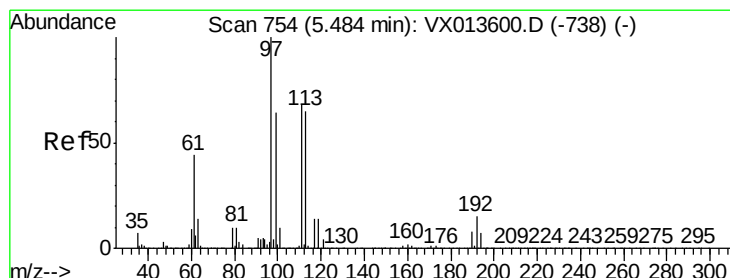
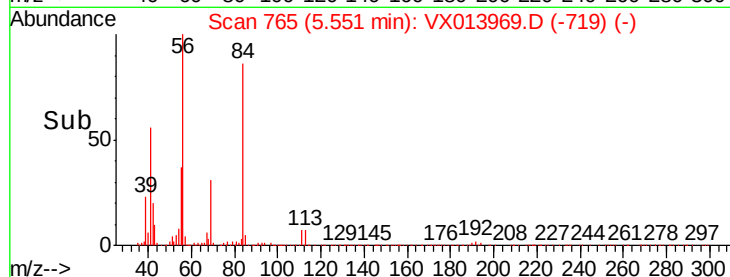
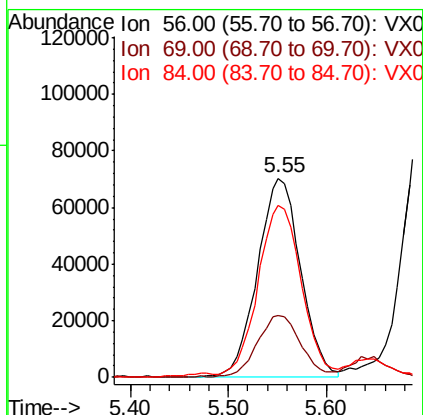
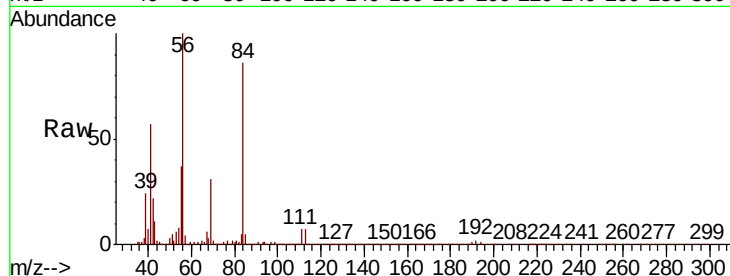




#31
Cyclohexane
Concen: 20.454 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

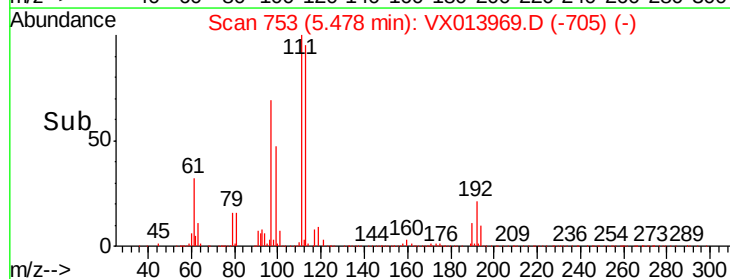
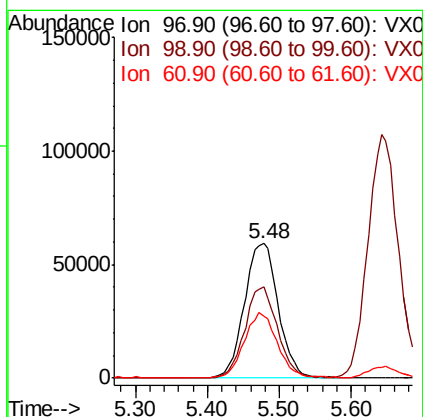
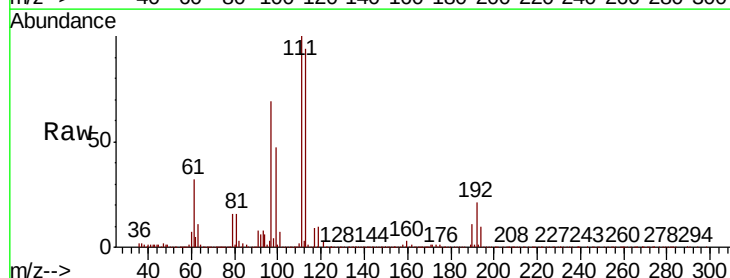
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

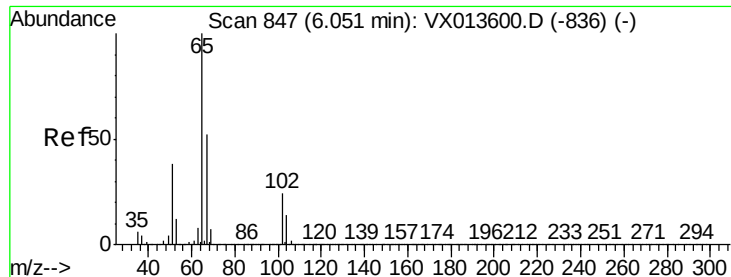
Tot Ion: 56 Resp: 215981
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 84.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.273 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 97 Resp: 192351
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 46.8 36.1 54.1

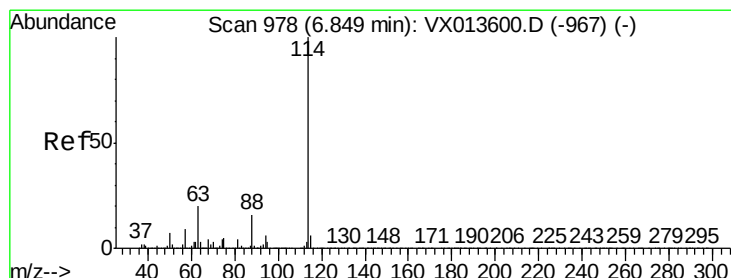
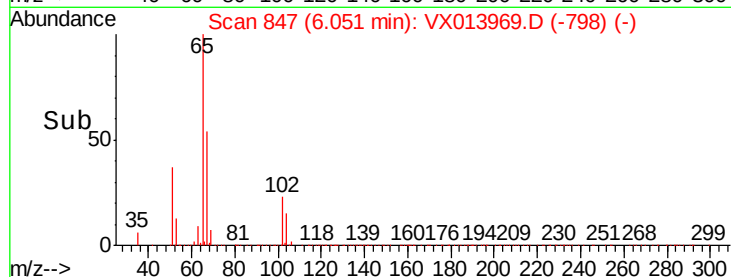
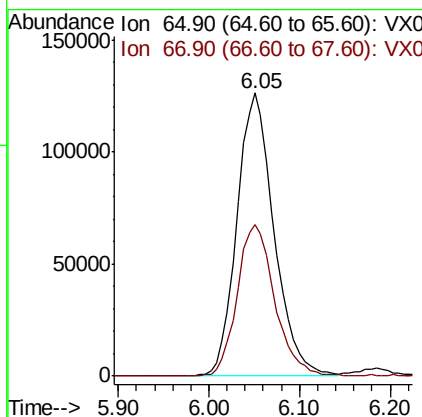
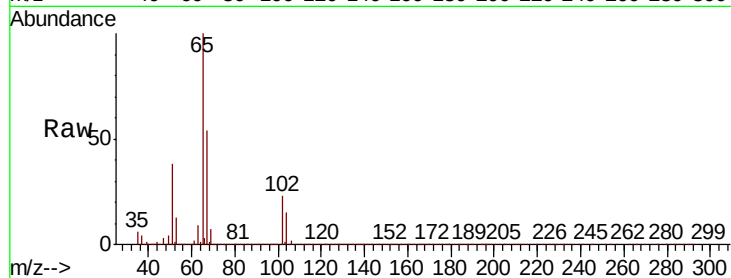




#33
 1,2-Dichloroethane-d4
 Concen: 49.916 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

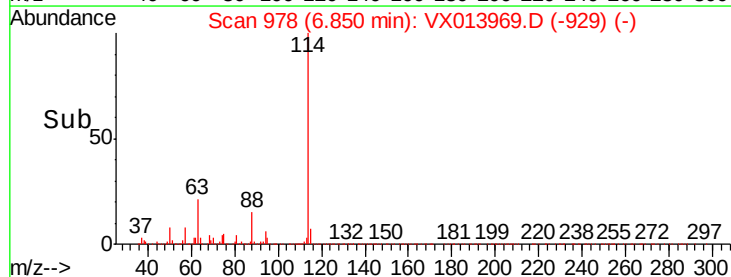
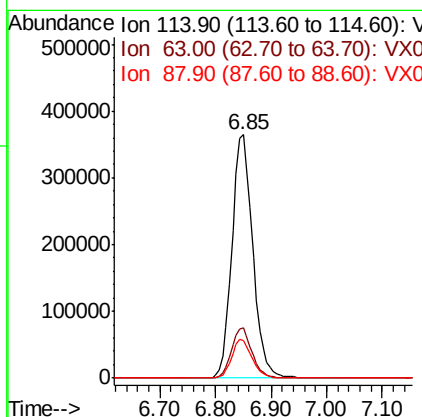
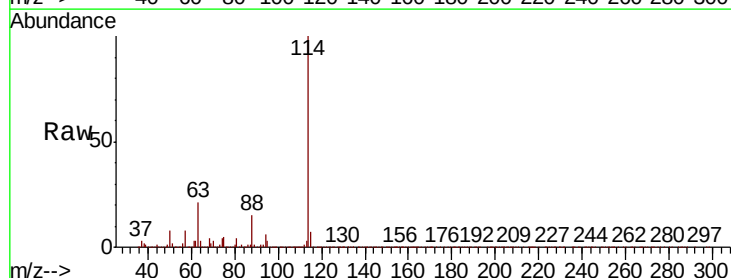
Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS01

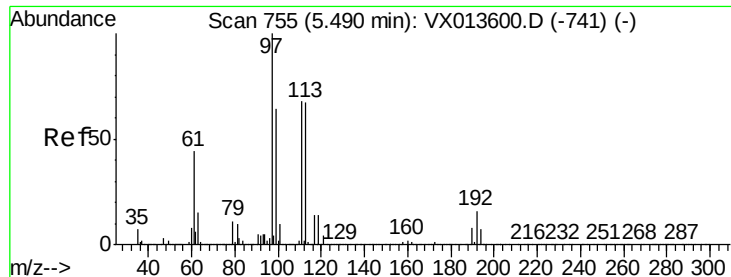
Tot Ion: 65 Resp: 356825
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 114 Resp: 944194
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.6
 88 15.3 0.0 31.4

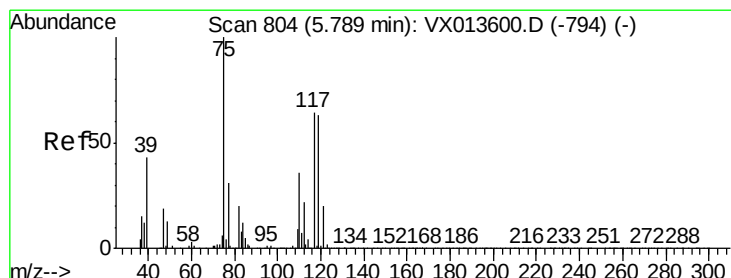
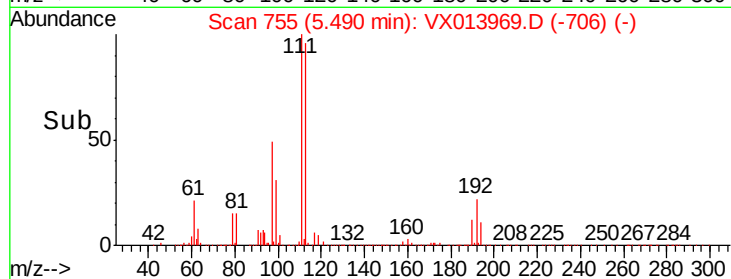
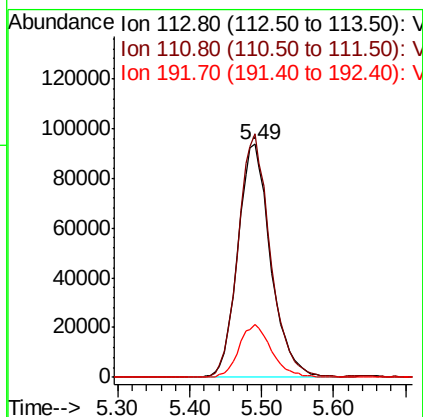
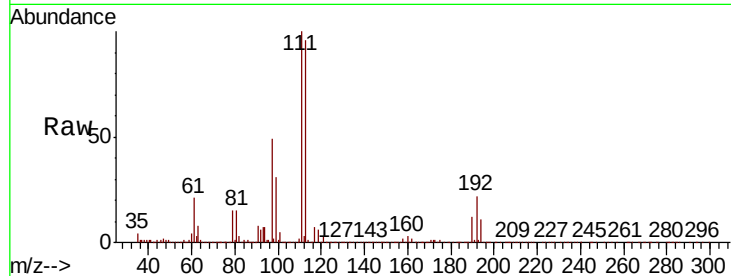




#35
 Dibromofluoromethane
 Concen: 50.627 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

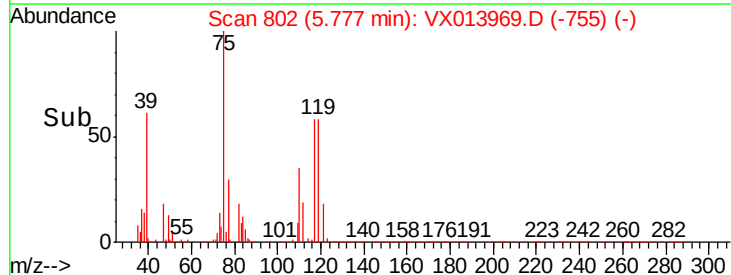
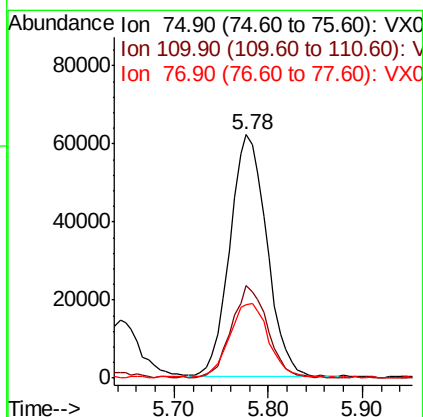
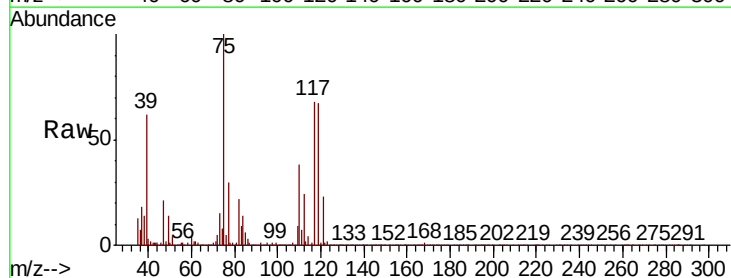
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

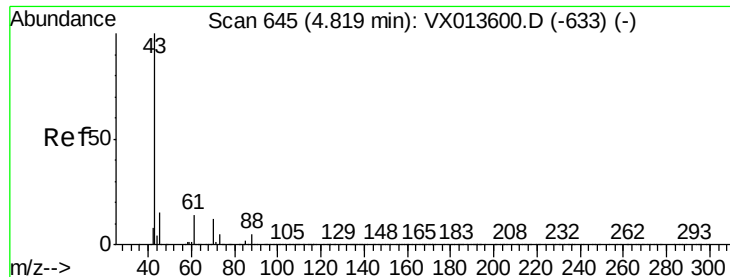
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	22.8	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 19.772 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	31.7	24.5	36.7

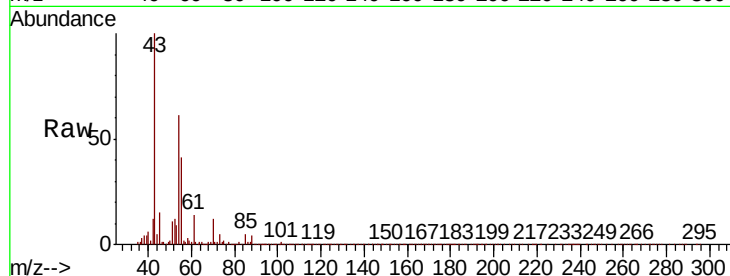




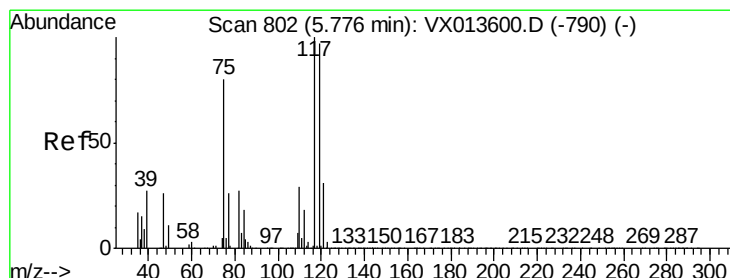
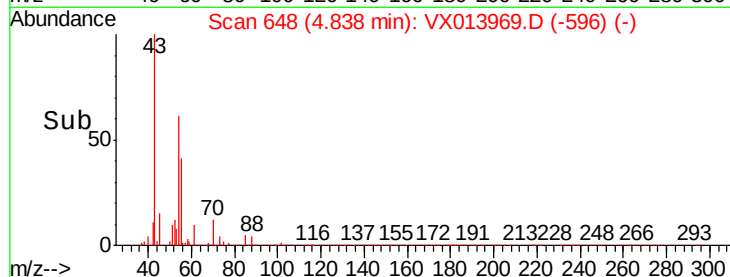
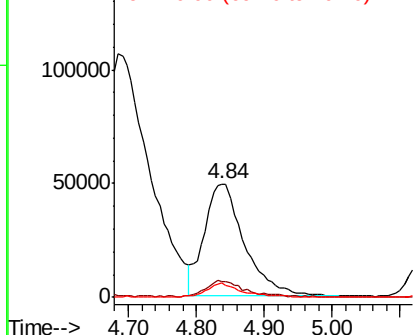
#37
Ethyl Acetate
Concen: 21.134 ug/l
RT: 4.84 min Scan# 648
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.4
70	10.8	8.6	12.8

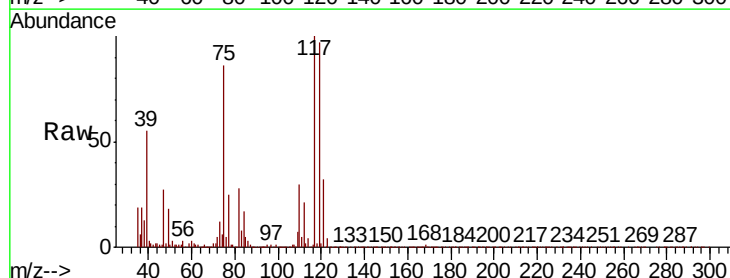


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

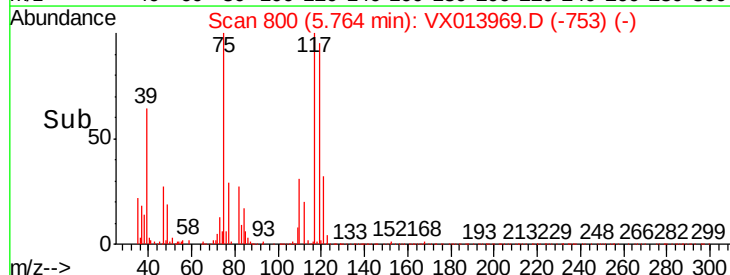
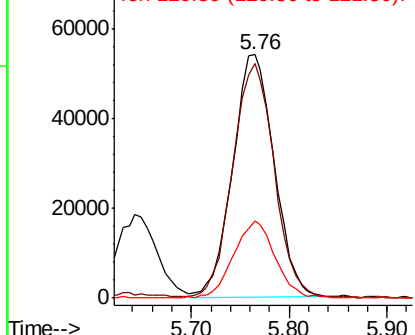


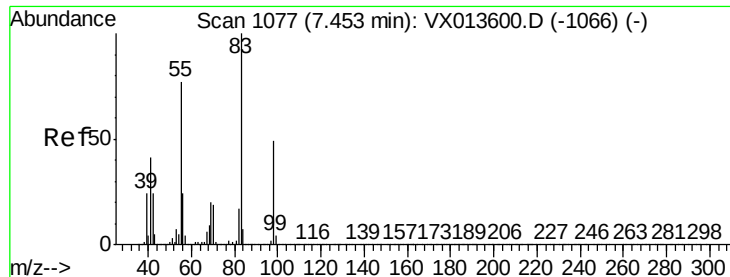
#38
Carbon Tetrachloride
Concen: 20.101 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
121	31.9	25.0	37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

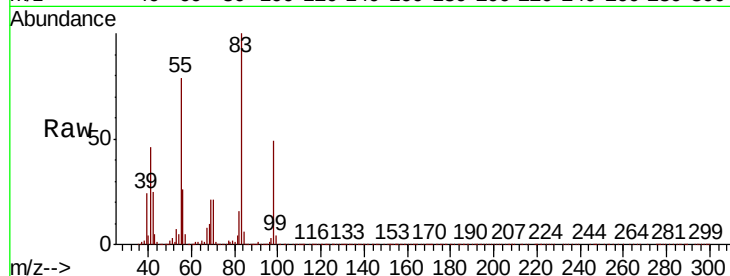




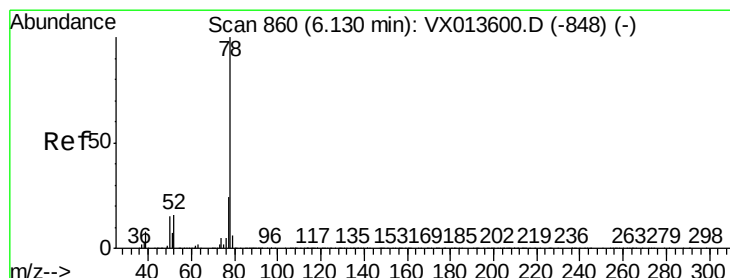
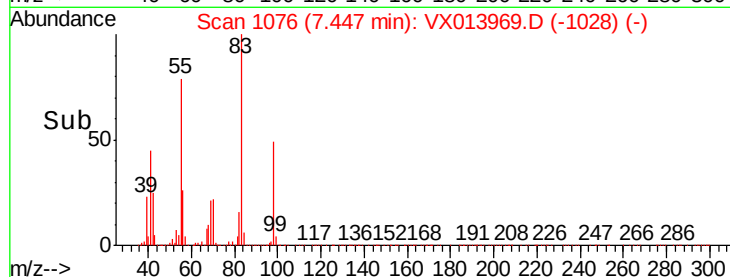
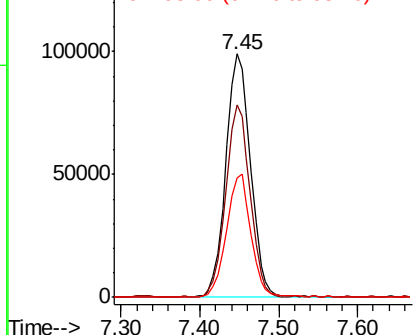
#39
Methylvlcyclohexane
Concen: 20.403 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.9	92.9
98	48.9	39.4	59.0

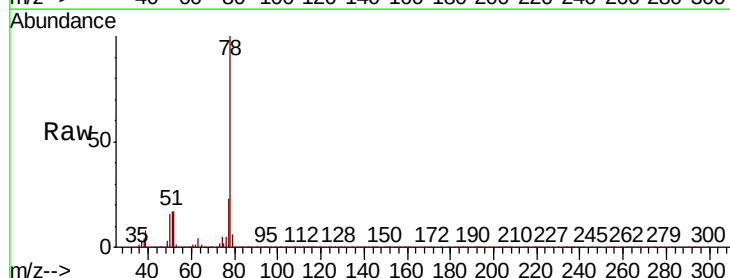


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

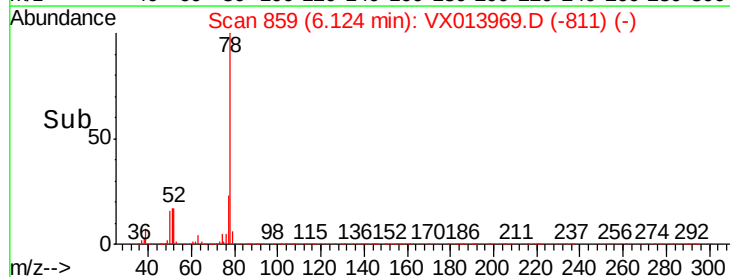
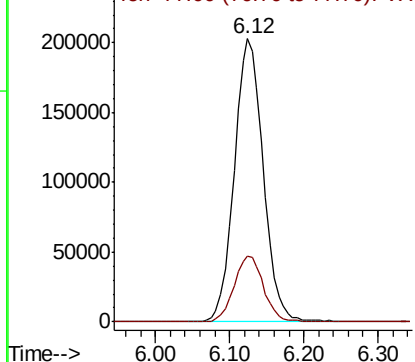


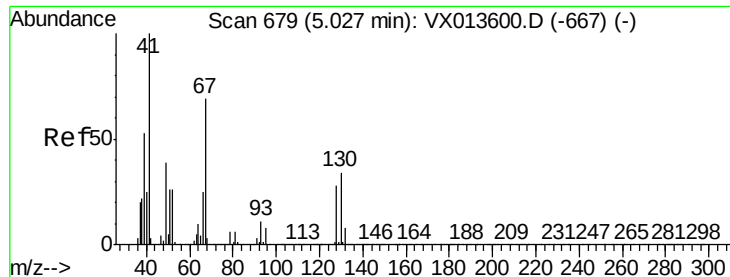
#40
Benzene
Concen: 21.094 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4



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





#41

Methacrylonitrile

Concen: 17.316 ug/l

RT: 5.05 min Scan# 683

Delta R.T. 0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 41 Resp: 91308

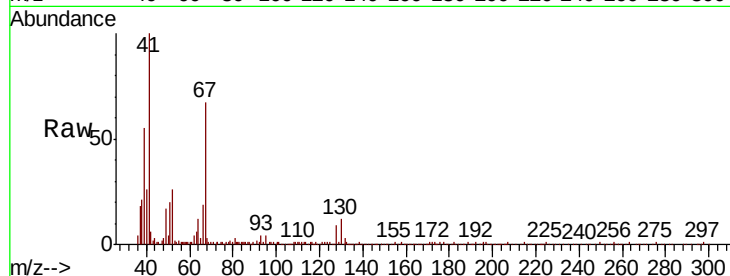
Ion Ratio Lower Upper

41 100

39 53.8 42.9 64.3

67 85.8 57.4 86.0

52 32.6 22.4 33.6

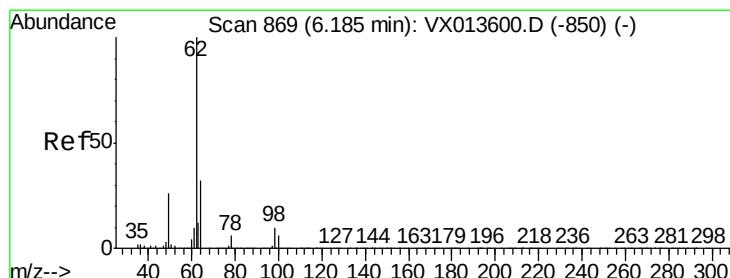
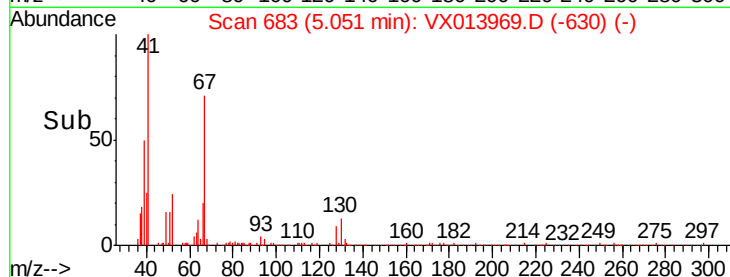
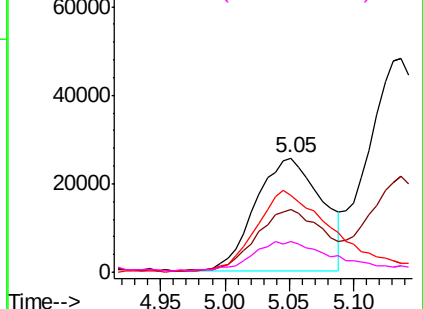


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.300 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013969.D

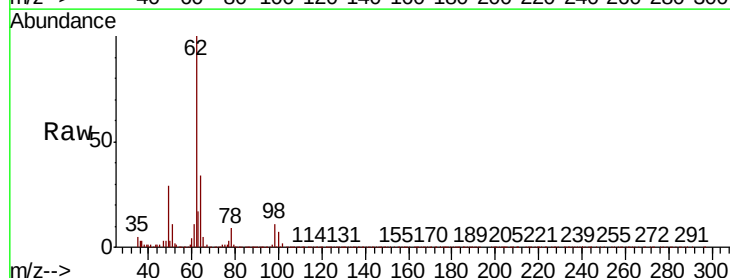
Acq: 12 Dec 2019 12:16

Tgt Ion: 62 Resp: 189625

Ion Ratio Lower Upper

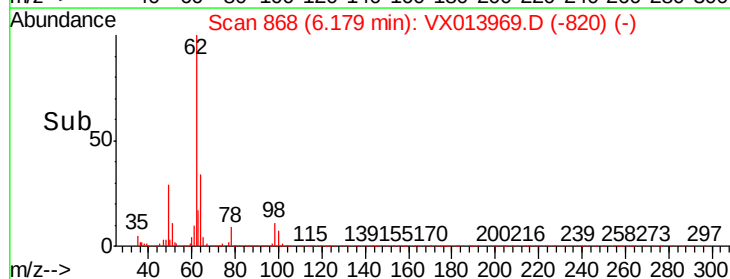
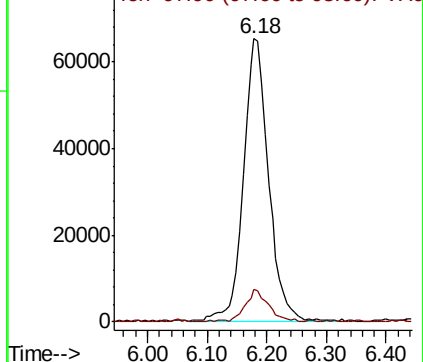
62 100

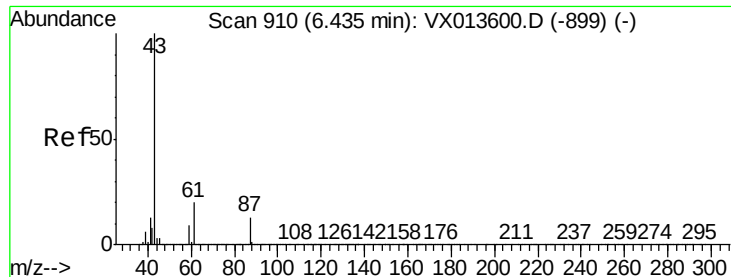
98 10.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.982 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

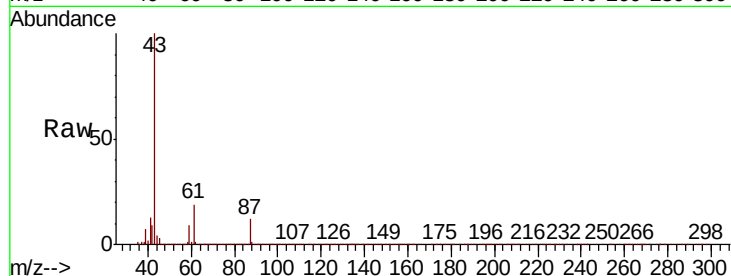
Tot Ion: 43 Resp: 316303

Ion Ratio Lower Upper

43 100

61 20.1 16.3 24.5

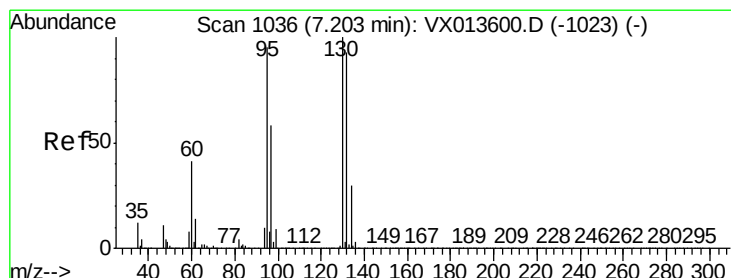
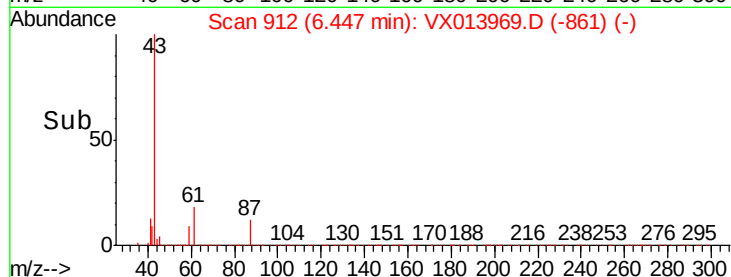
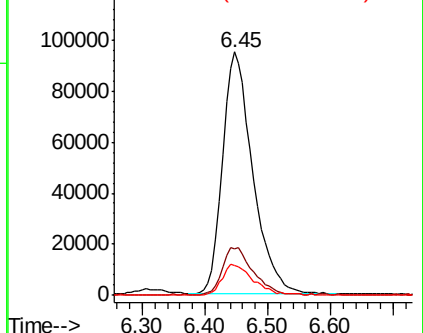
87 13.3 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.912 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013969.D

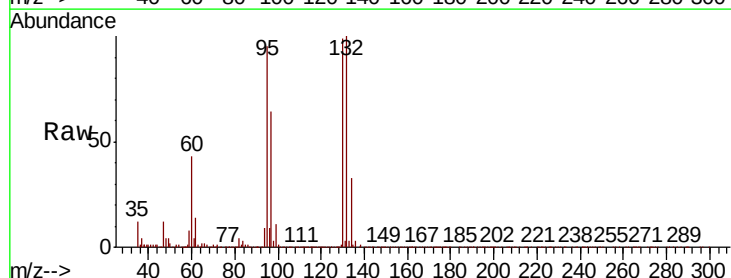
Acq: 12 Dec 2019 12:16

Tgt Ion:130 Resp: 142652

Ion Ratio Lower Upper

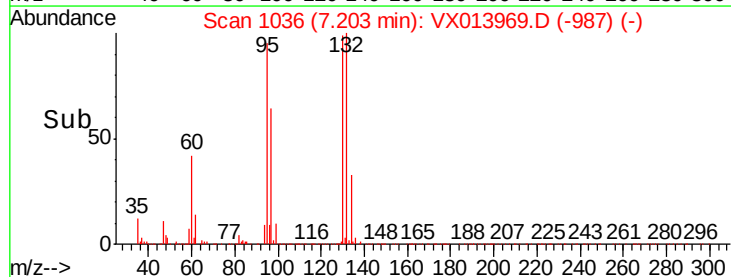
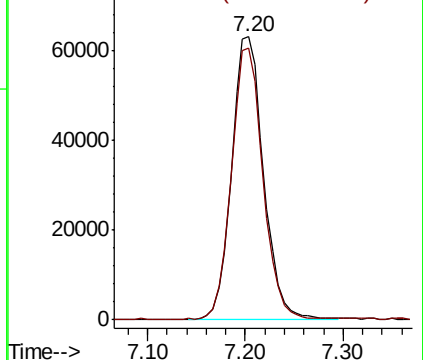
130 100

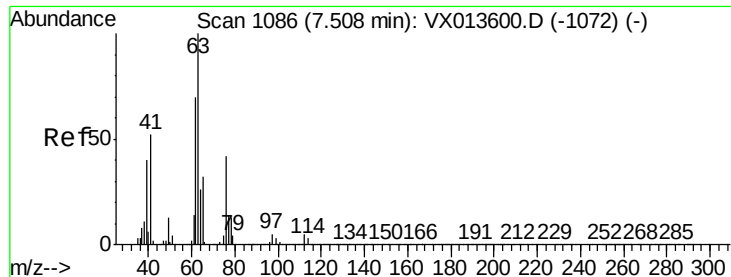
95 96.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

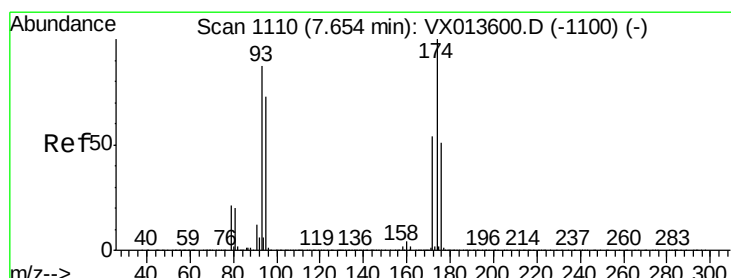
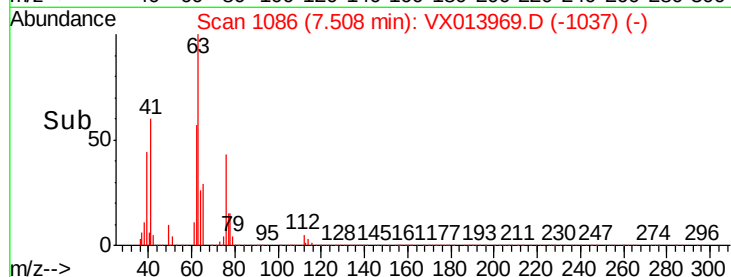
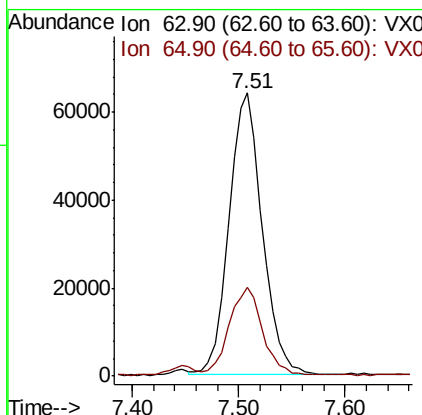
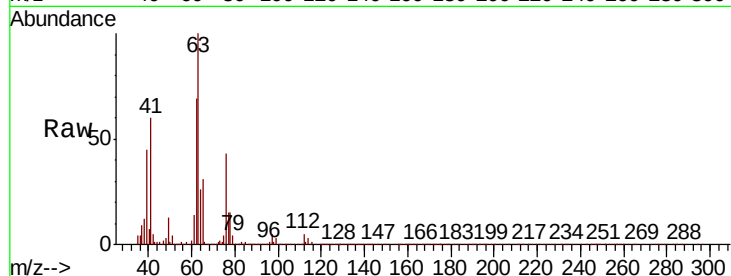




#45
 1,2-Dichloropropane
 Concen: 21.332 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

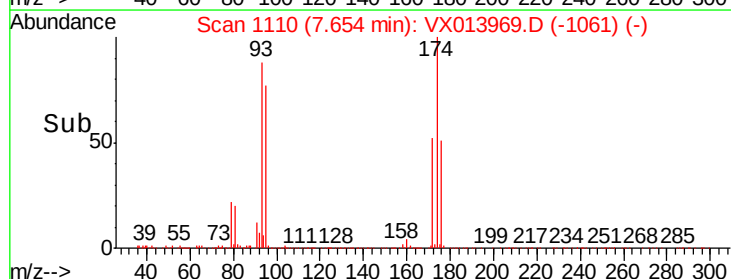
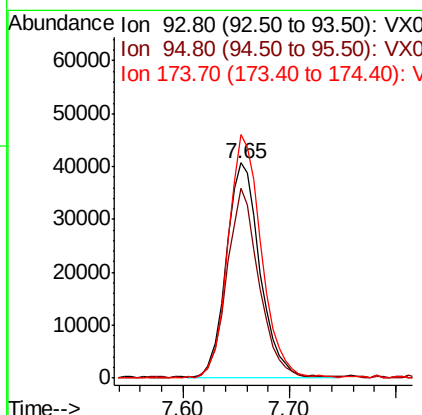
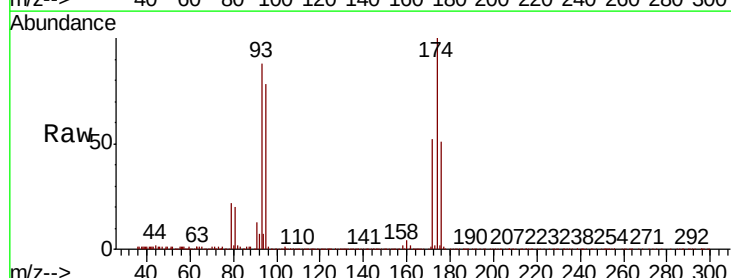
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

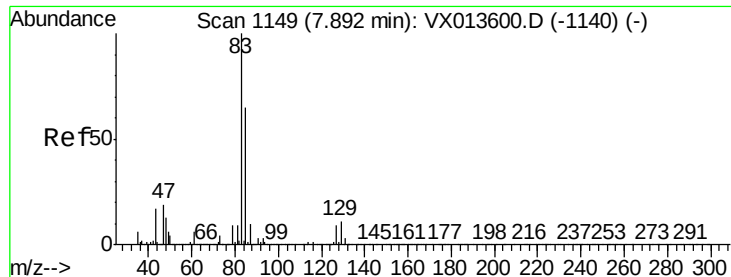
Tot Ion: 63 Resp: 139323
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.5 38.3



#46
 Dibromomethane
 Concen: 20.085 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 93 Resp: 89094
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.2 99.2
 174 114.0 93.4 140.0





#47

Bromodichloromethane

Concen: 20.183 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

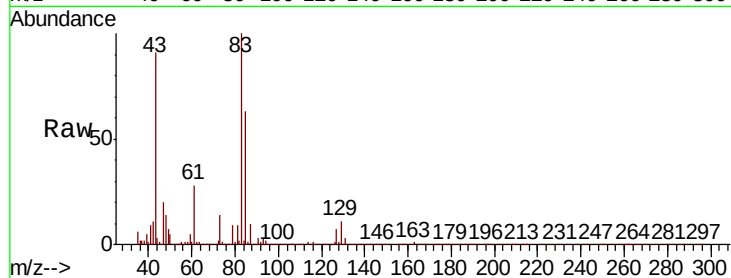
Tot Ion: 83 Resp: 169252

Ion Ratio Lower Upper

83 100

85 63.0 52.1 78.1

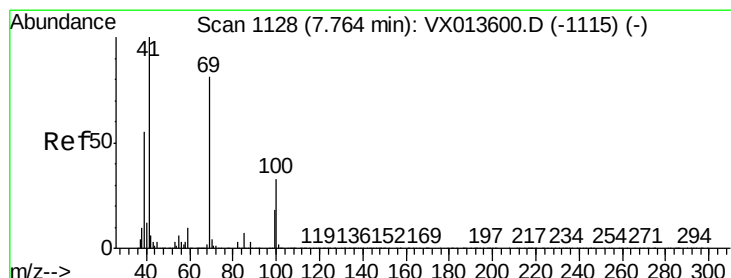
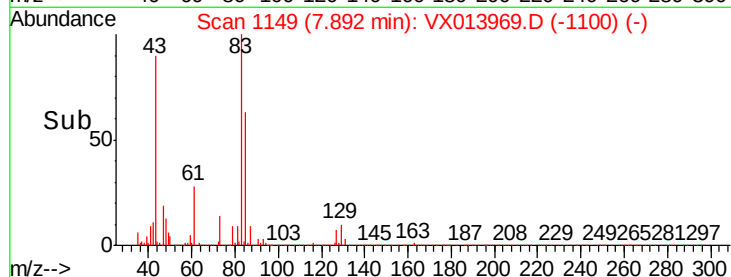
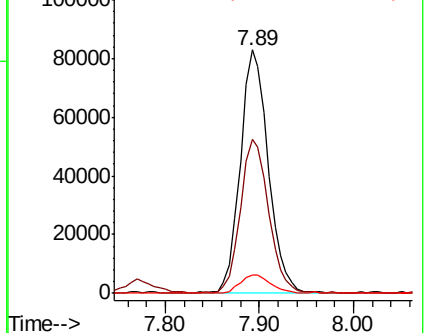
127 7.2 7.0 10.4



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: 20.517 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

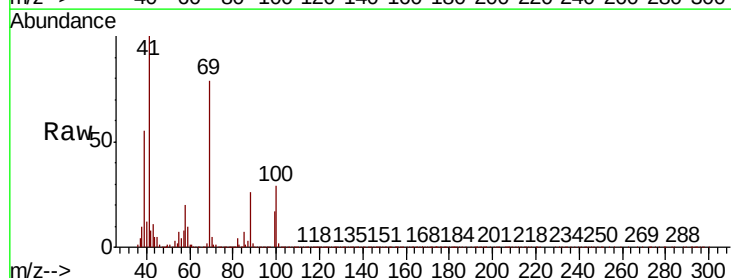
Tgt Ion: 41 Resp: 157802

Ion Ratio Lower Upper

41 100

69 80.1 64.7 97.1

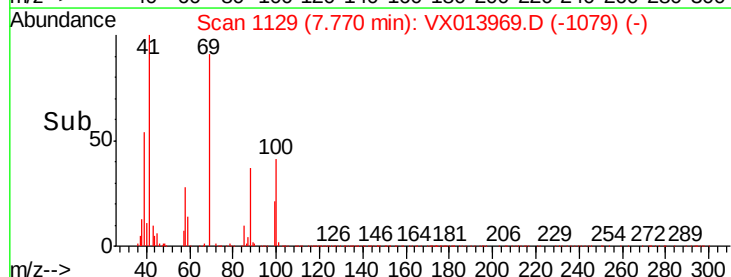
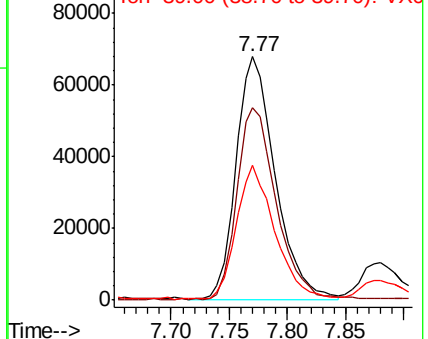
39 54.0 43.8 65.6

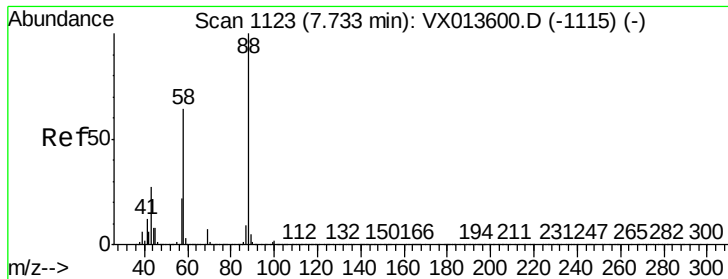


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

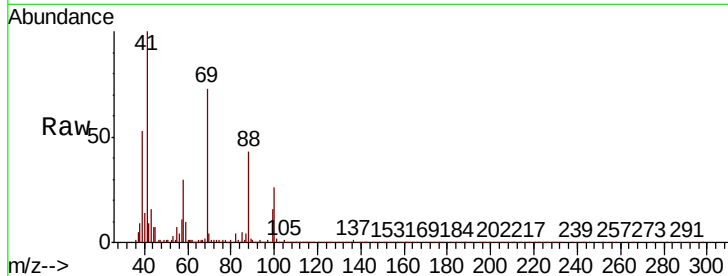




#49
1,4-Dioxane
Concen: 334.309 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	25.8	38.6
58	71.5	54.6	82.0

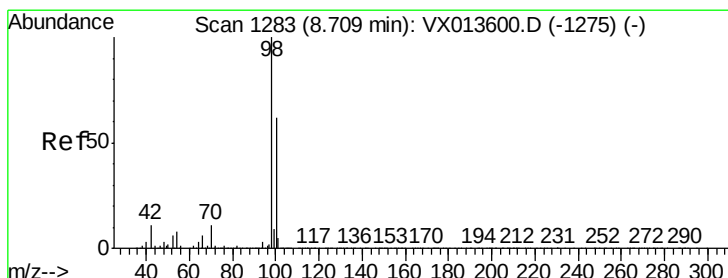
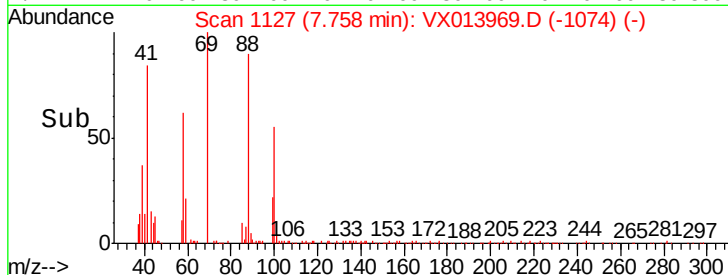
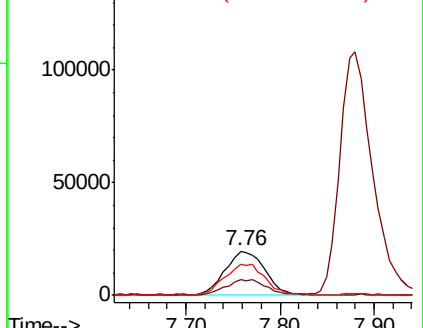


Abundance

Ion 88.00 (87.70 to 88.70): VX0

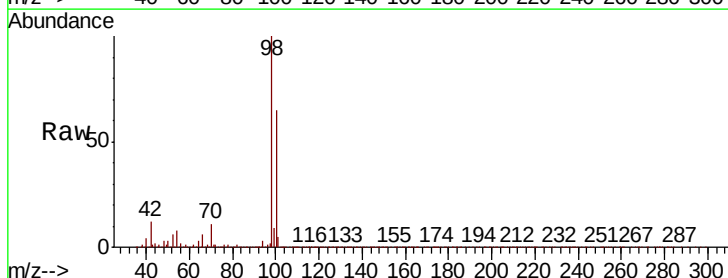
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.436 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

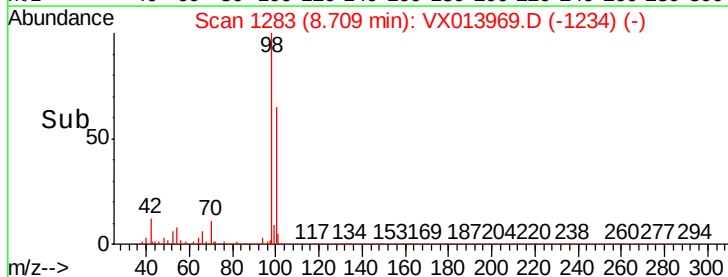
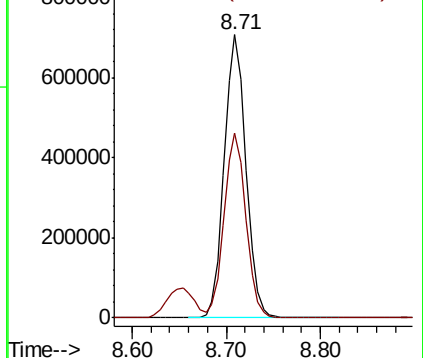
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7

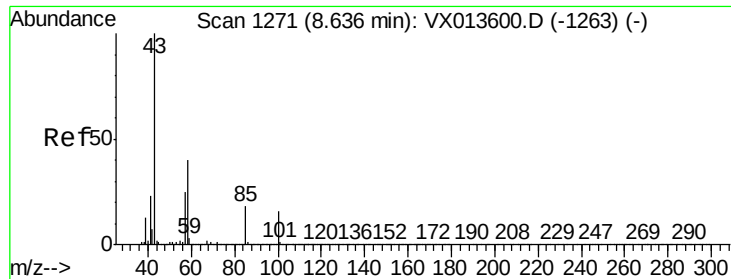


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

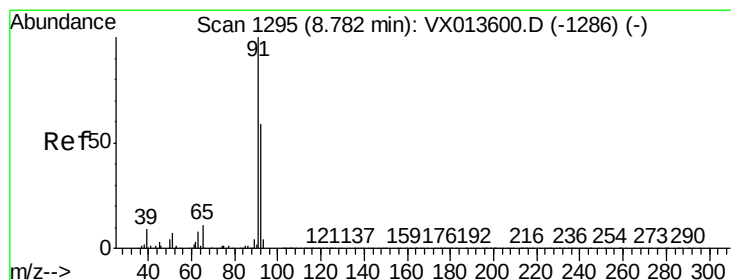
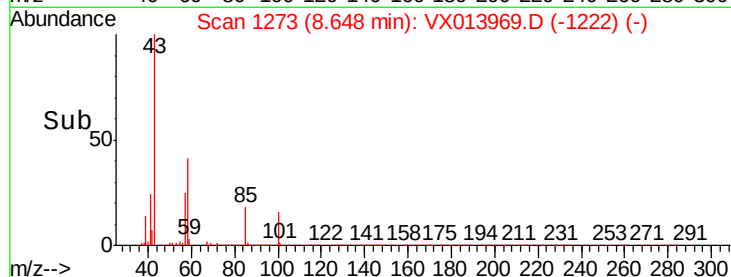
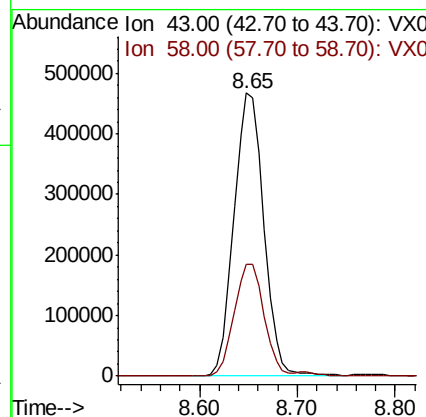
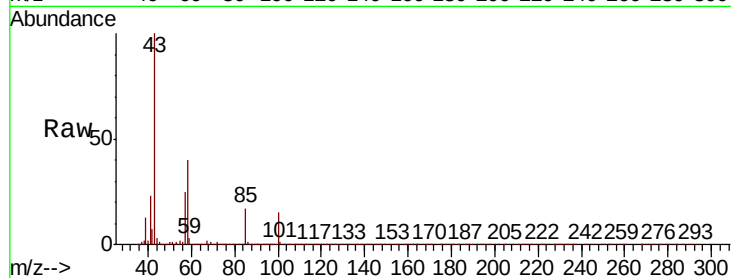




#51
 4-Methyl-2-Pentanone
 Concen: 99.358 ug/l
 RT: 8.65 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

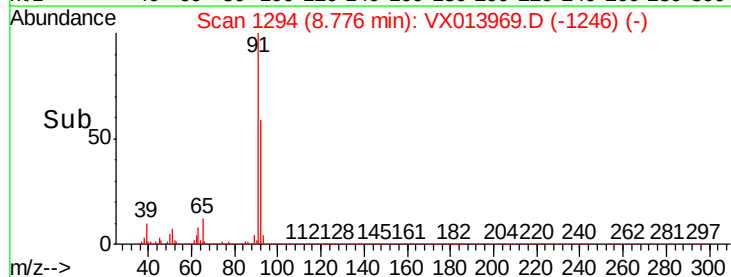
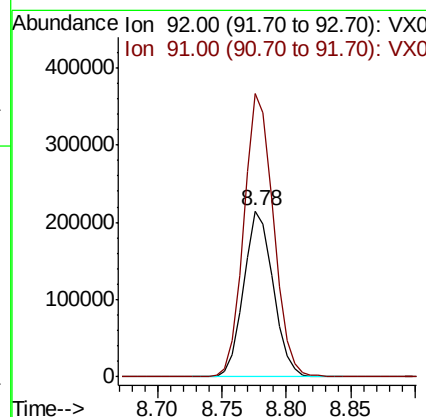
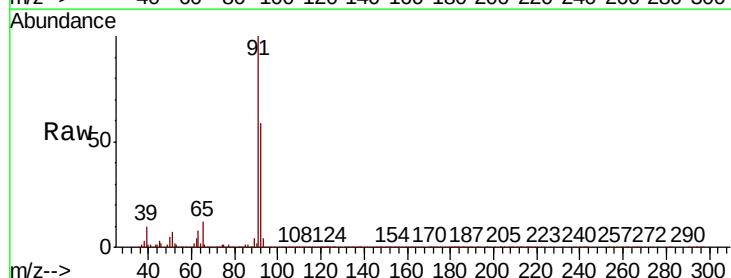
Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS01

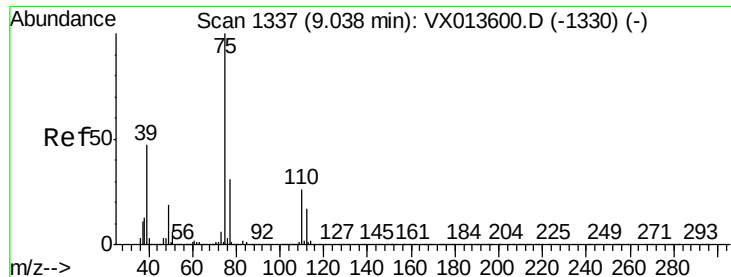
Tot Ion: 43 Resp: 989333
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.1 48.1



#52
 Toluene
 Concen: 20.846 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 92 Resp: 338057
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.2 204.2

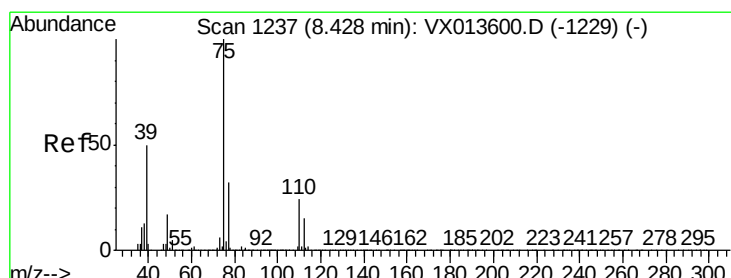
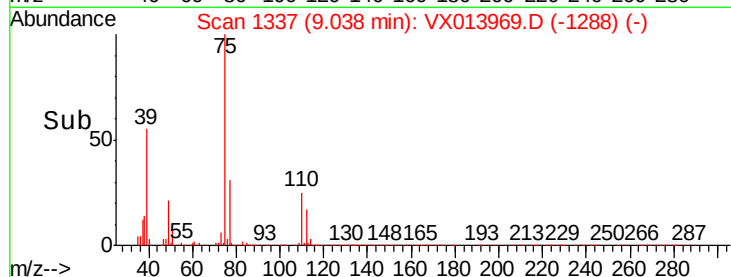
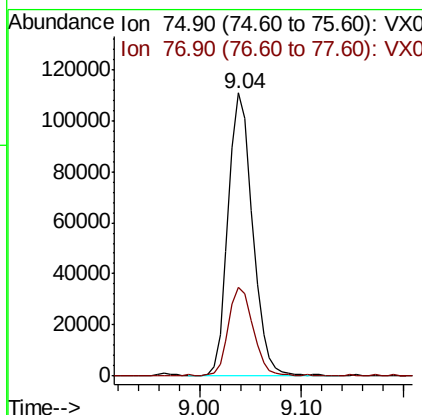
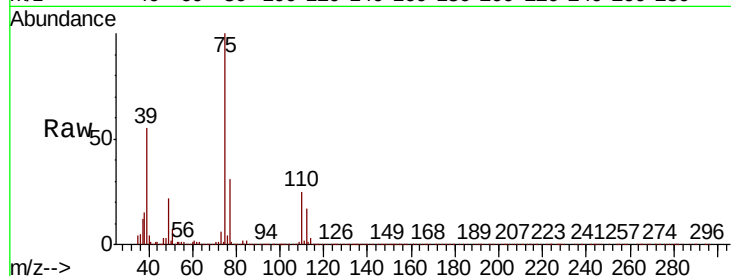




#53
t-1,3-Dichloropropene
Concen: 19.185 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

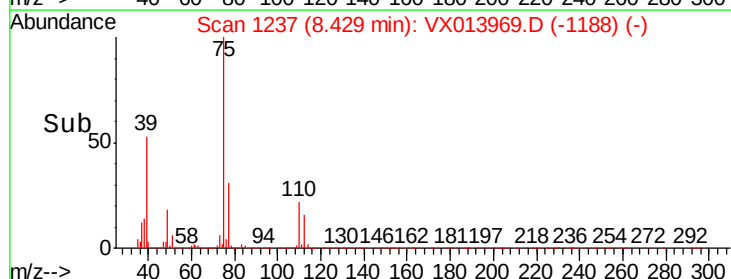
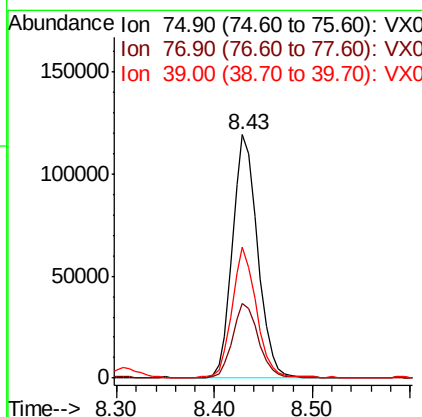
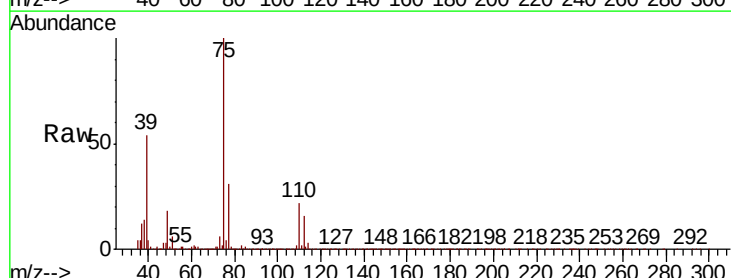
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

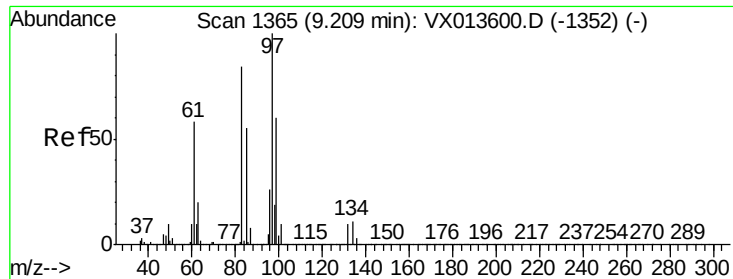
Tot Ion: 75 Resp: 183126
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 20.514 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 75 Resp: 213923
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 53.3 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 21.459 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 97 Resp: 140239

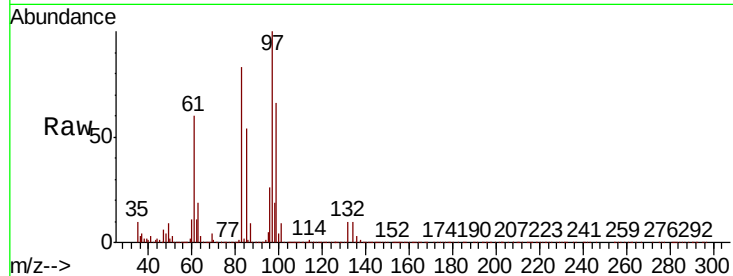
Ion Ratio Lower Upper

97 100

83 82.7 67.3 100.9

85 53.7 43.6 65.4

99 65.8 48.2 72.4

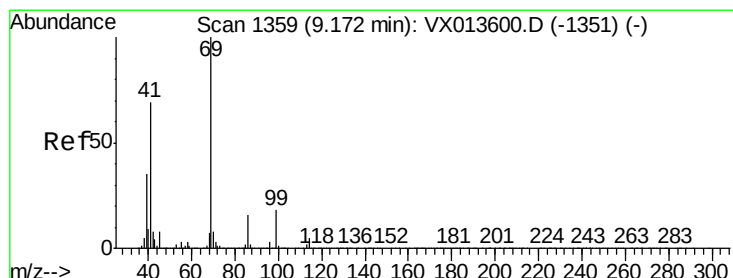
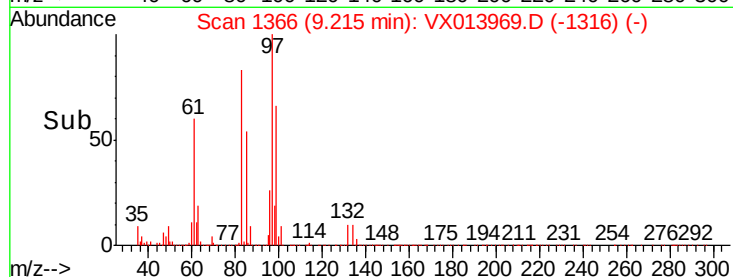
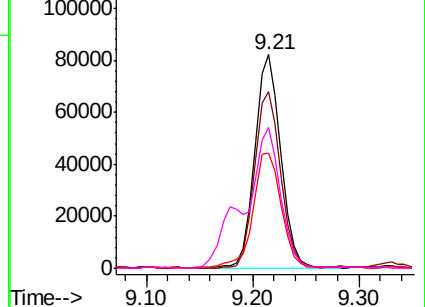


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.256 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

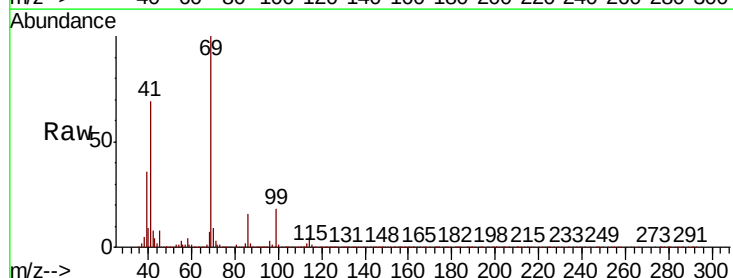
Tgt Ion: 69 Resp: 212822

Ion Ratio Lower Upper

69 100

41 68.6 55.0 82.4

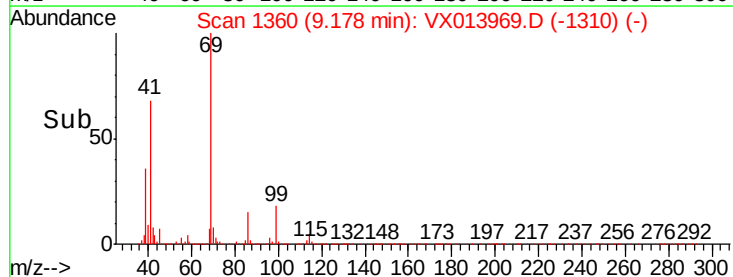
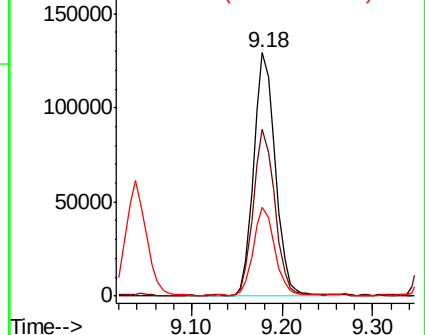
39 35.9 28.7 43.1

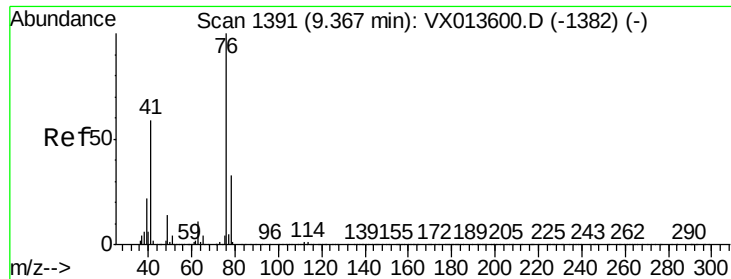


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

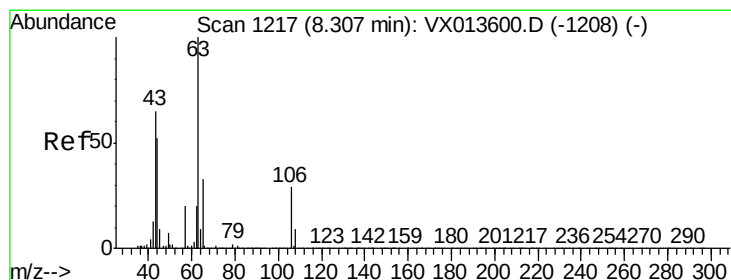
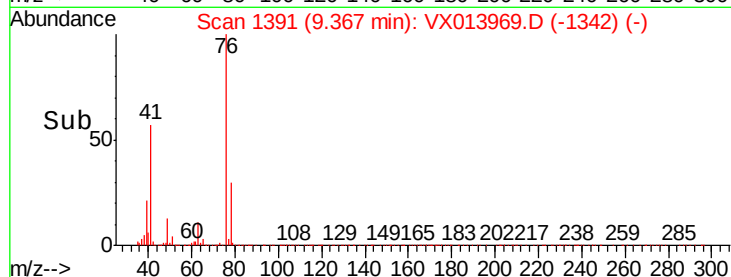
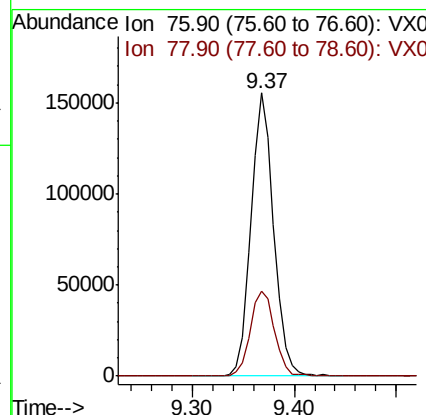
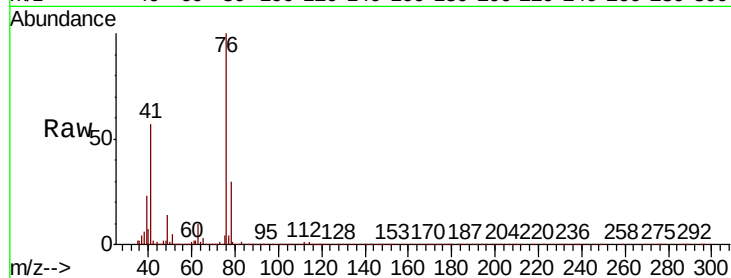




#57
 1,3-Dichloropropane
 Concen: 21.290 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

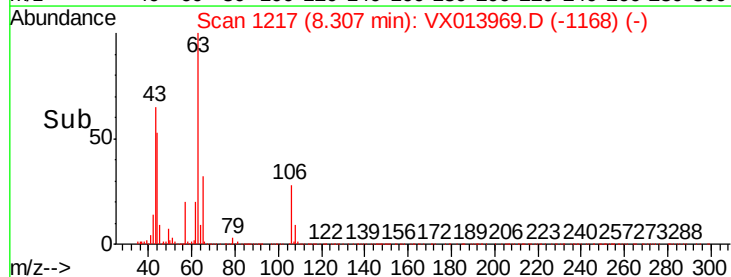
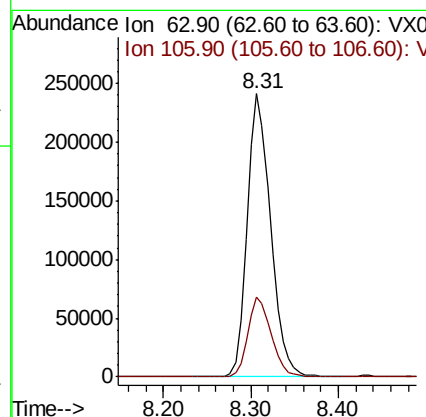
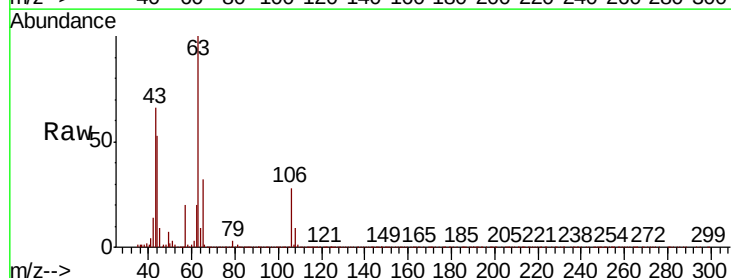
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

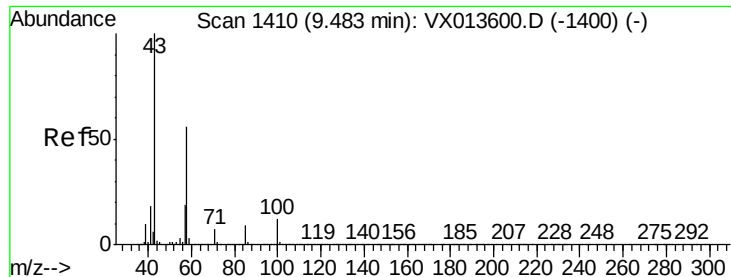
Tot Ion: 76 Resp: 239817
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.628 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 63 Resp: 447489
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.4 35.0

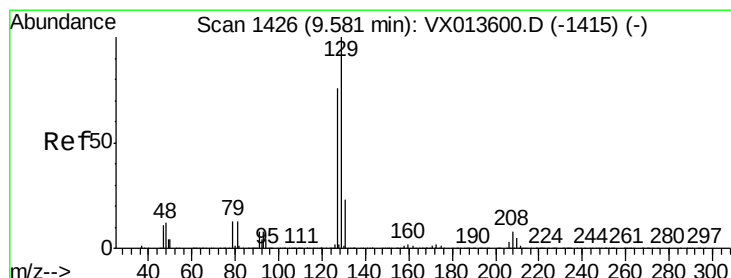
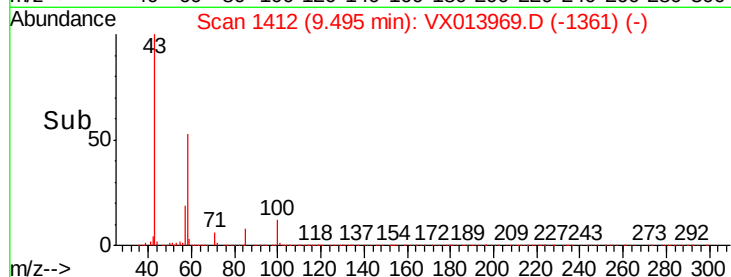
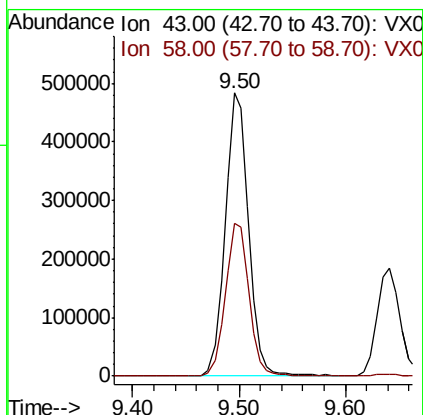
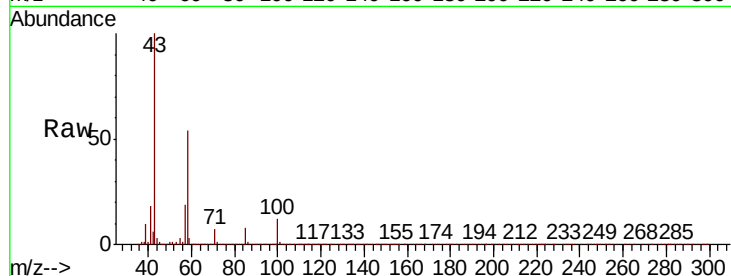




#59
2-Hexanone
Concen: 94.740 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

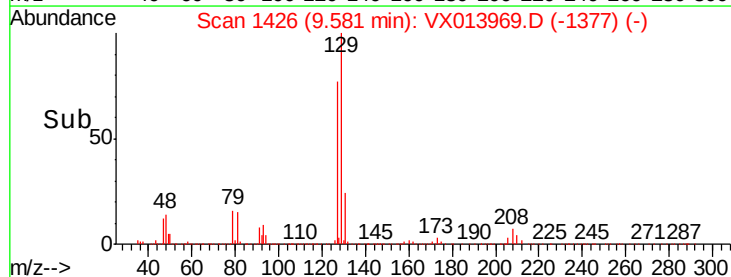
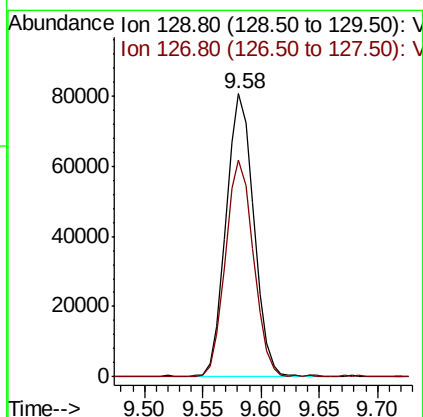
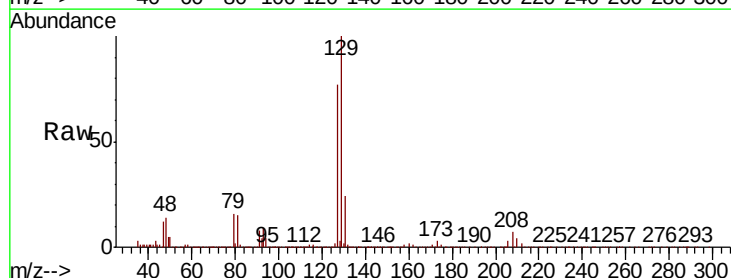
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

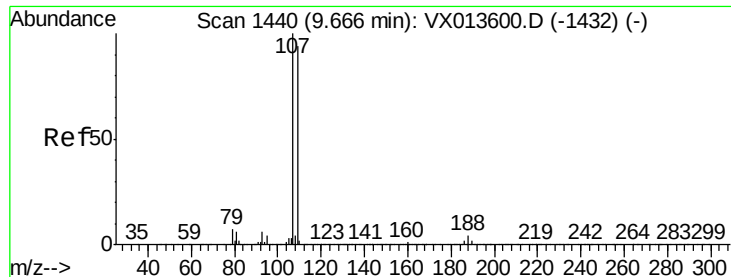
Tot Ion: 43 Resp: 735744
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4



#60
Dibromochloromethane
Concen: 19.681 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 129 Resp: 133481
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.268 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

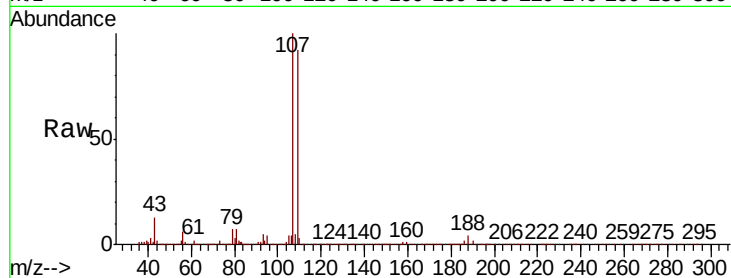
VX1212WBS01

Tot Ion:107 Resp: 141467

Ion Ratio Lower Upper

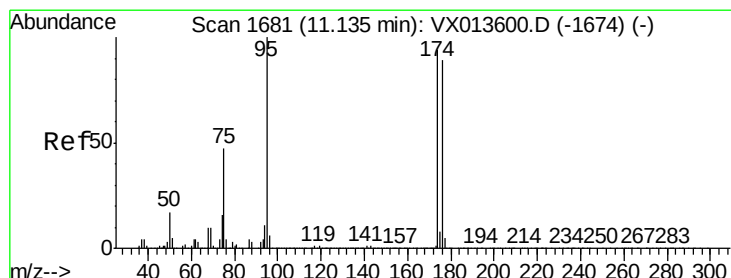
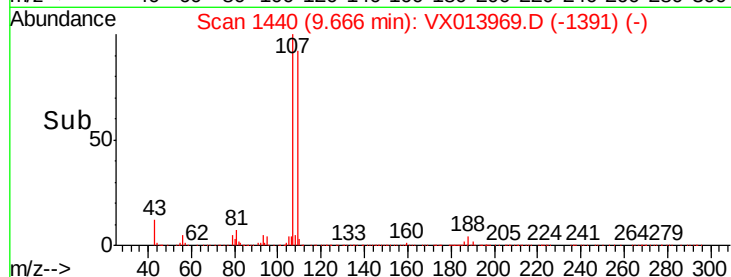
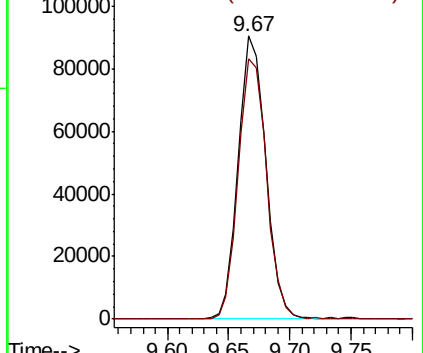
107 100

109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.728 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

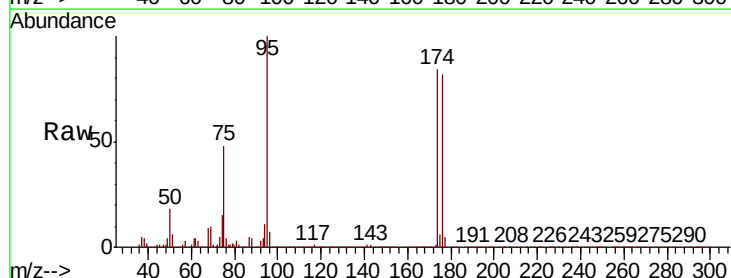
Tgt Ion: 95 Resp: 407810

Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

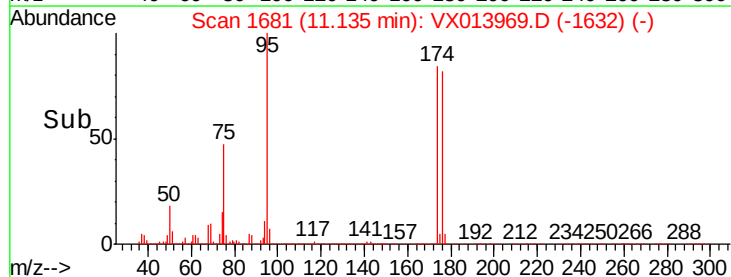
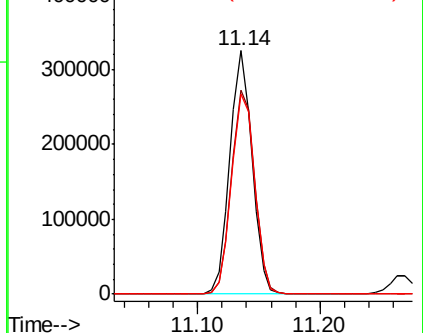
176 85.6 0.0 173.6

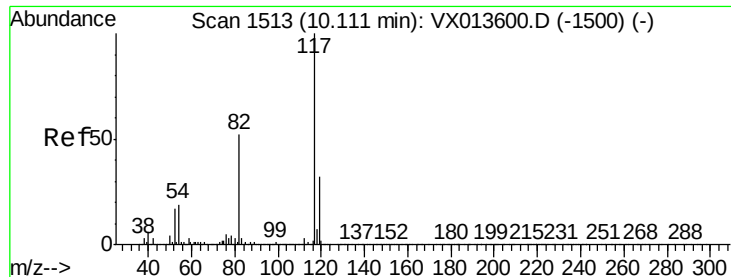


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

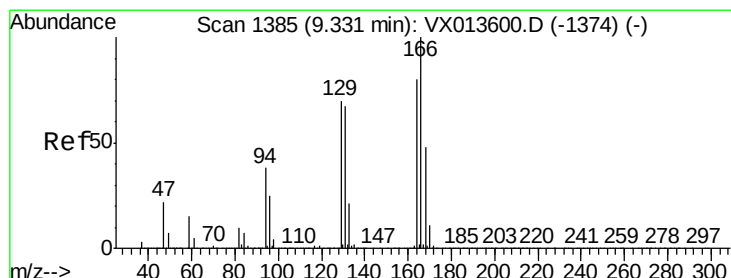
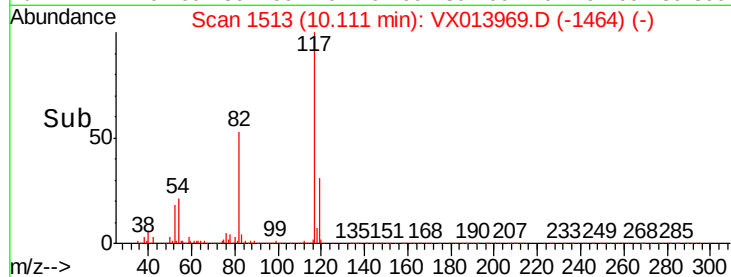
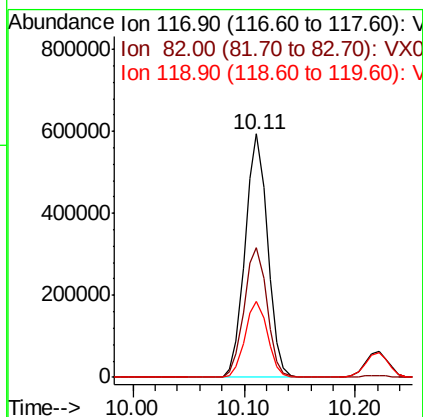
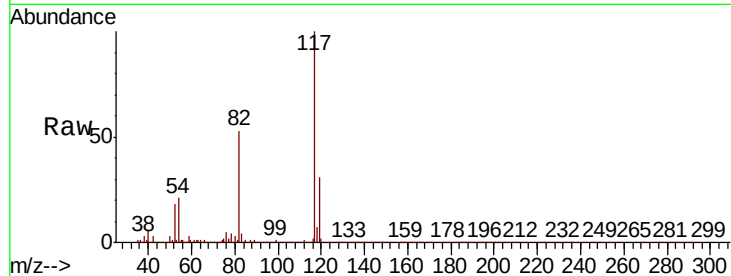




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

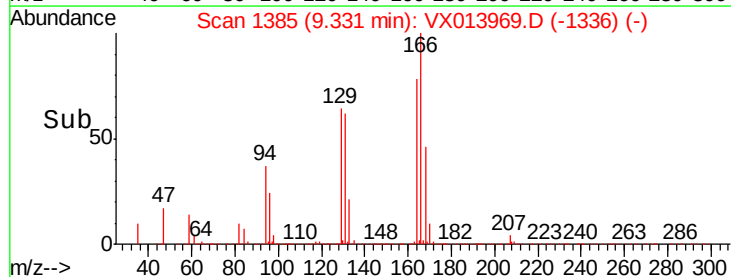
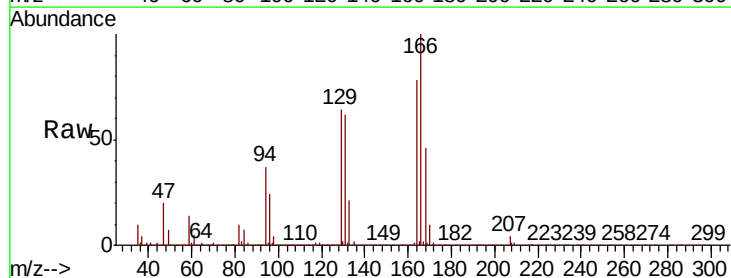
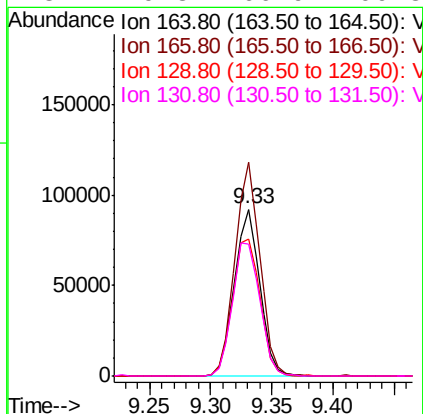
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

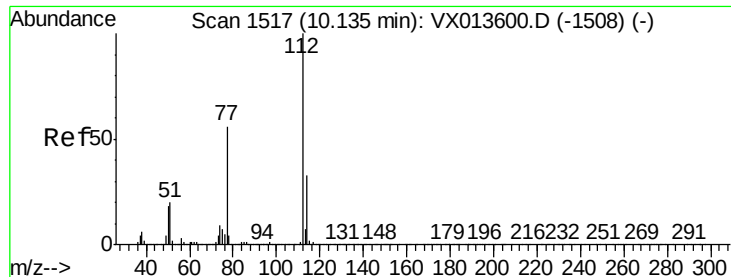
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	31.4	25.8	38.8



#64
Tetrachloroethene
Concen: 21.172 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	99.7	149.5
129	82.4	70.1	105.1
131	79.3	66.9	100.3





#65

Chlorobenzene

Concen: 20.847 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

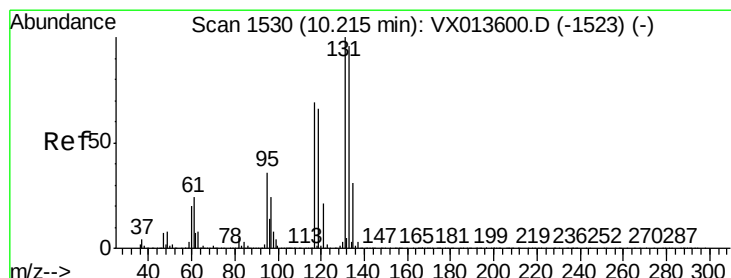
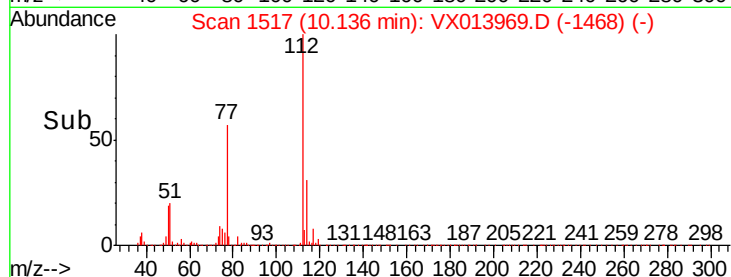
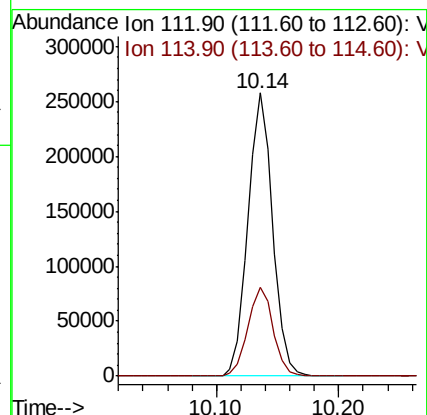
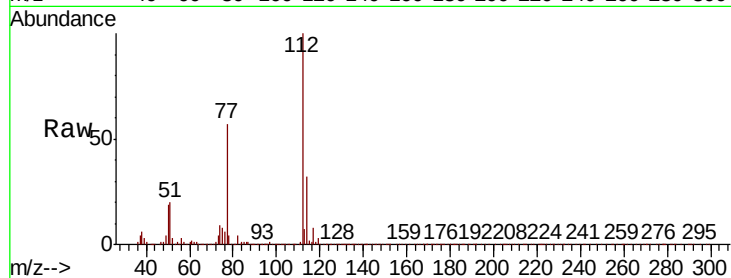
VX1212WBS01

Tot Ion:112 Resp: 360244

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.612 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

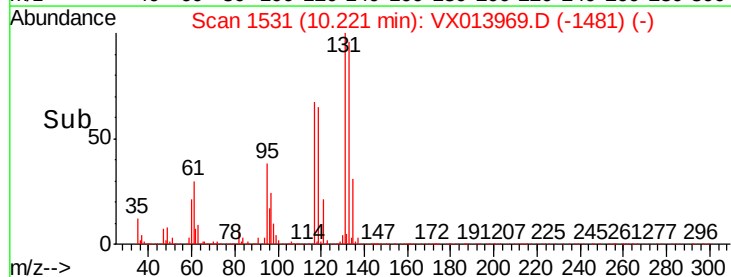
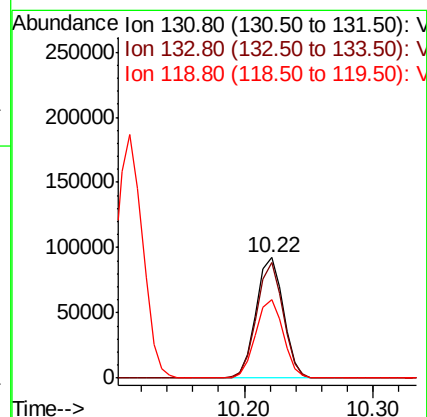
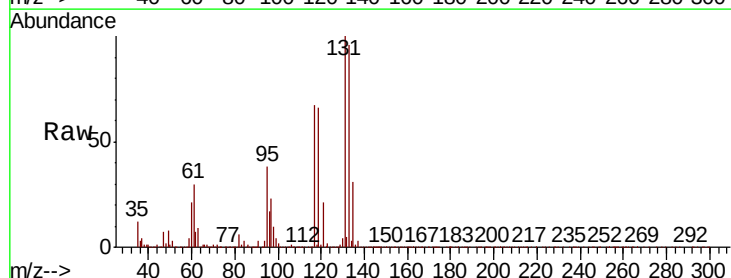
Tgt Ion:131 Resp: 134110

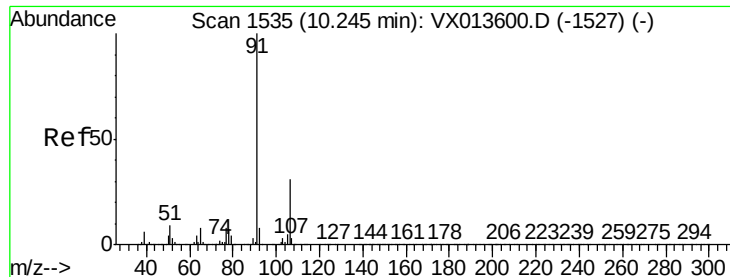
Ion Ratio Lower Upper

131 100

133 93.9 47.7 143.1

119 65.6 32.9 98.6





#67

Ethyl Benzene

Concen: 21.501 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

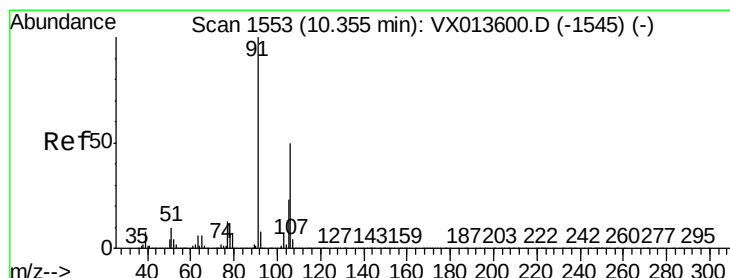
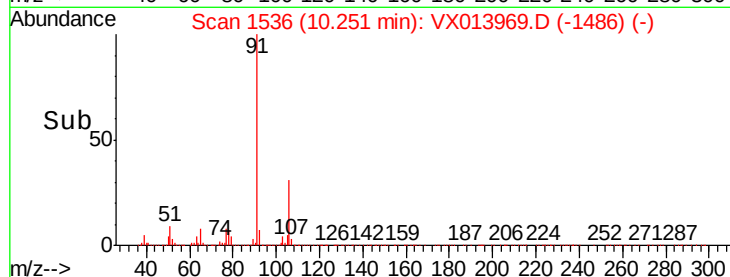
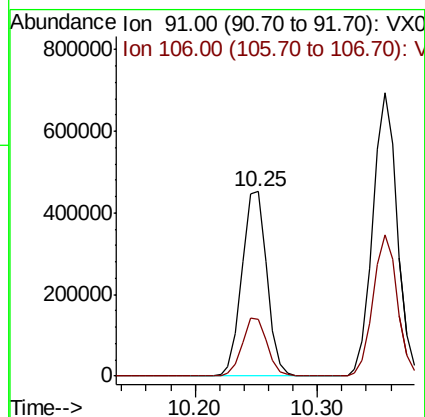
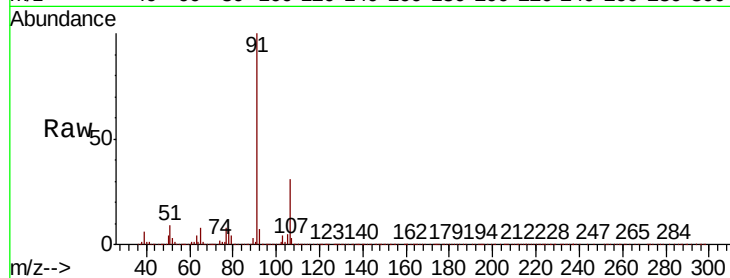
VX1212WBS01

Tot Ion: 91 Resp: 638454

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 41.894 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013969.D

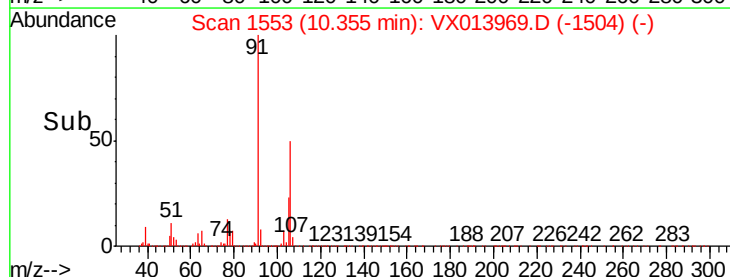
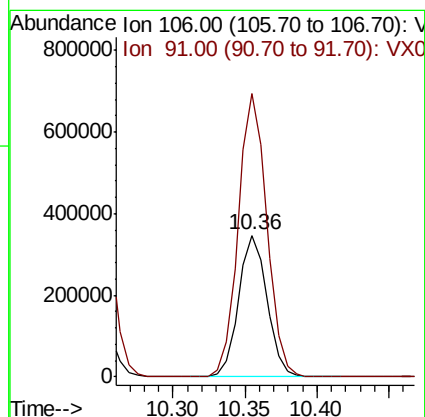
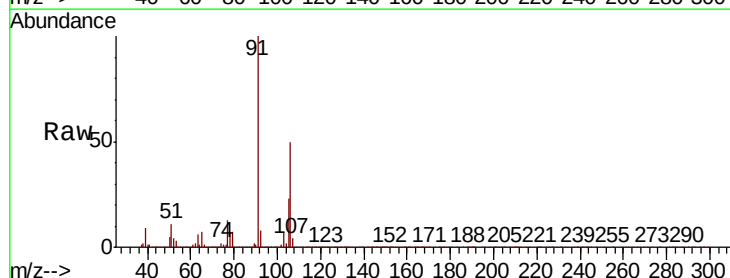
Acq: 12 Dec 2019 12:16

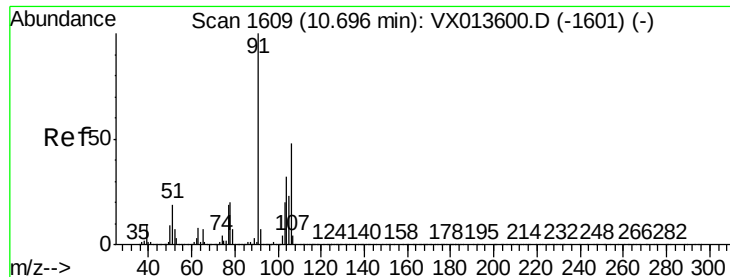
Tgt Ion: 106 Resp: 476289

Ion Ratio Lower Upper

106 100

91 200.6 159.0 238.4

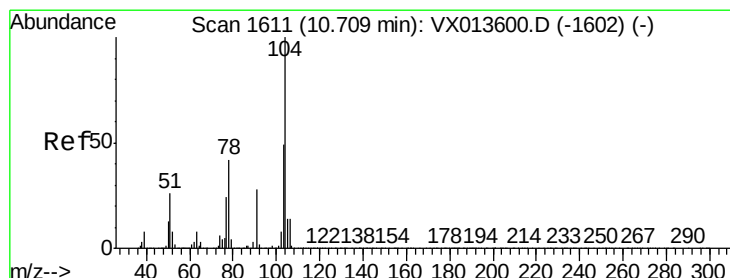
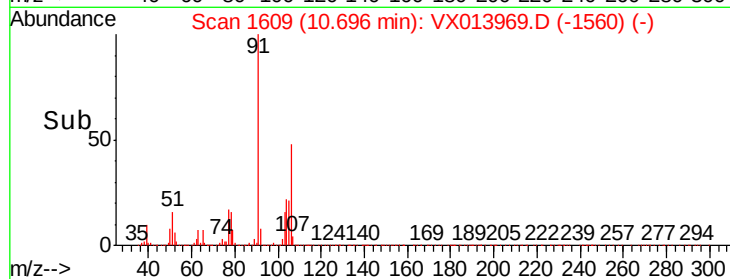
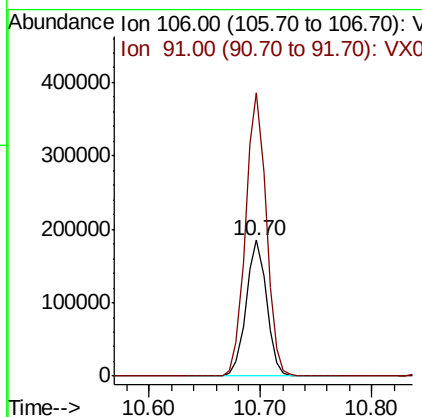
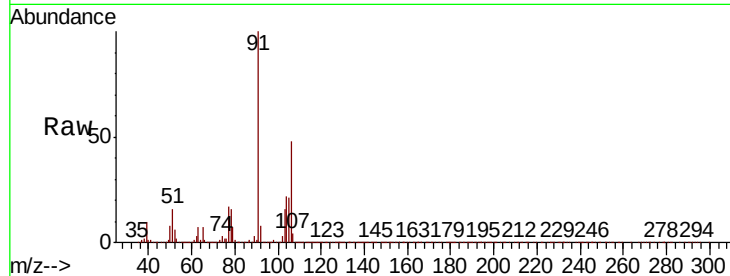




#69
o-Xylene
Concen: 21.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

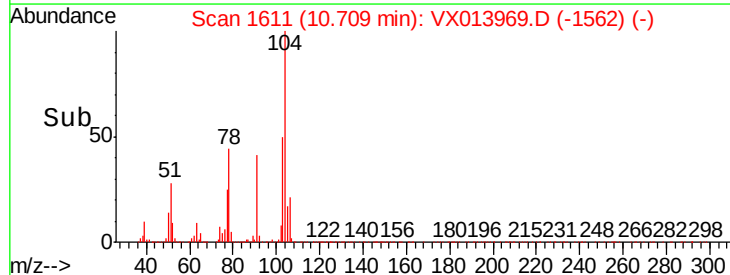
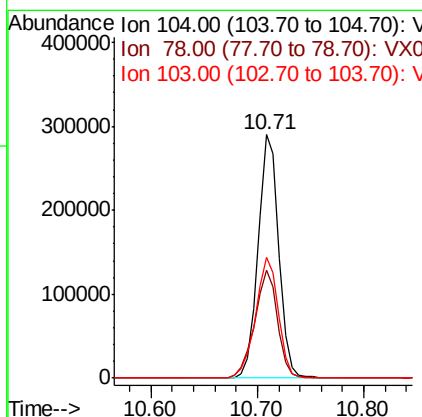
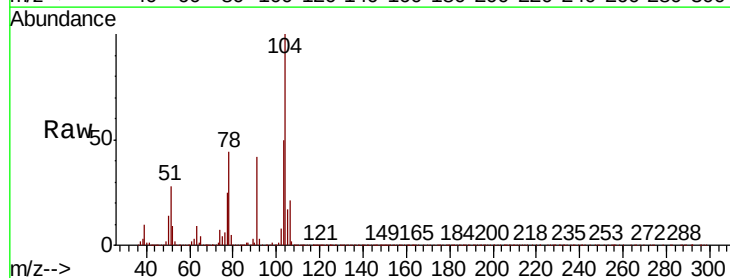
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

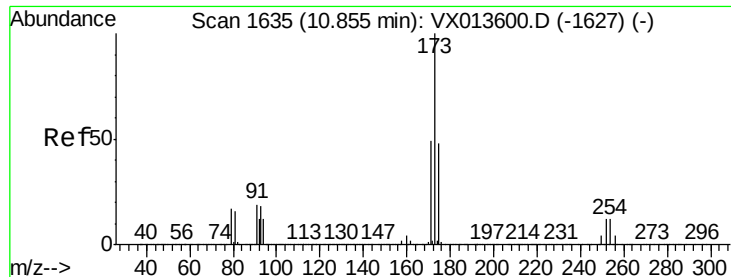
Tot Ion:106 Resp: 236105
Ion Ratio Lower Upper
106 100
91 209.9 104.1 312.2



#70
Styrene
Concen: 21.165 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion:104 Resp: 394775
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 18.602 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

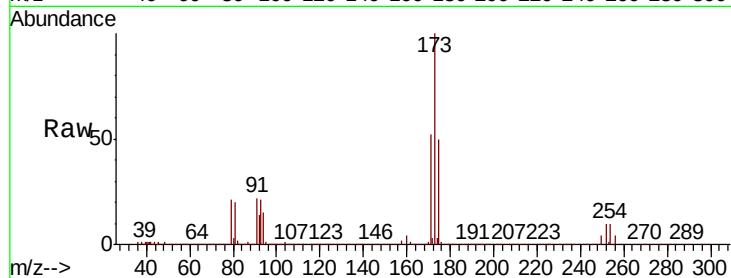
Tot Ion:173 Resp: 95509

Ion Ratio Lower Upper

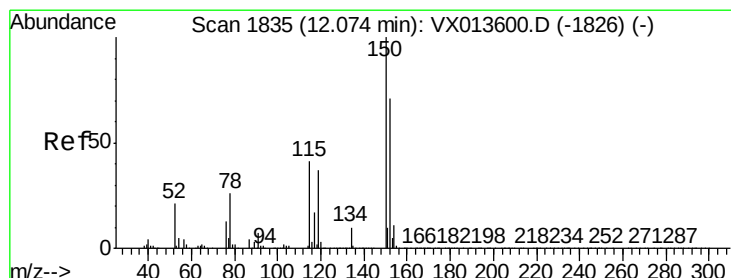
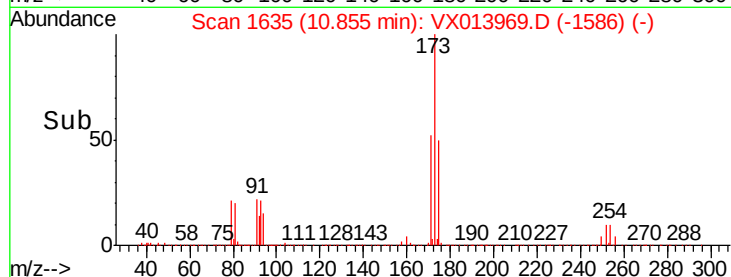
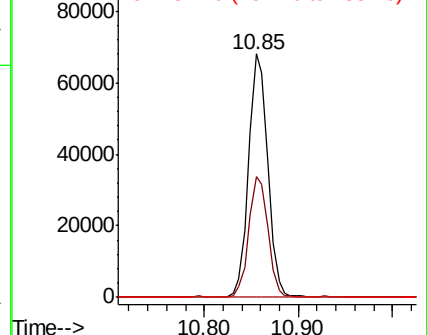
173 100

175 49.8 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: VX013969.D

Acq: 12 Dec 2019 12:16

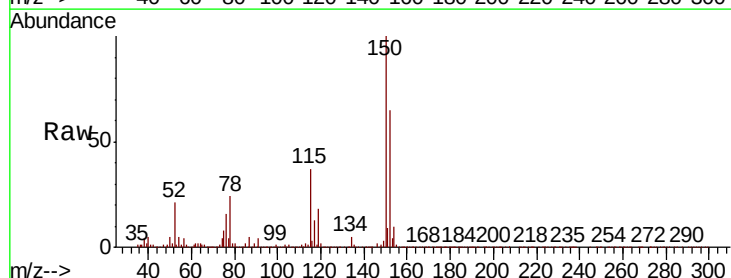
Tgt Ion:152 Resp: 414476

Ion Ratio Lower Upper

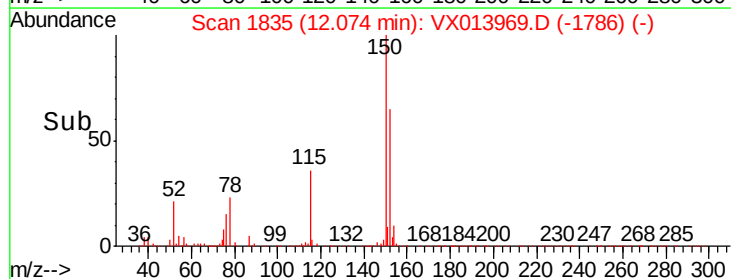
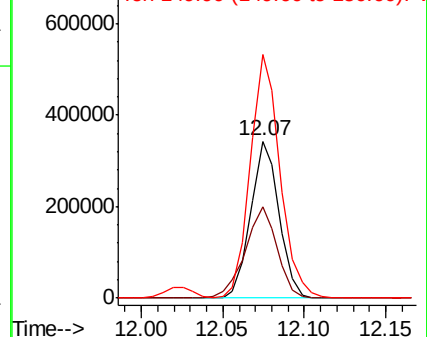
152 100

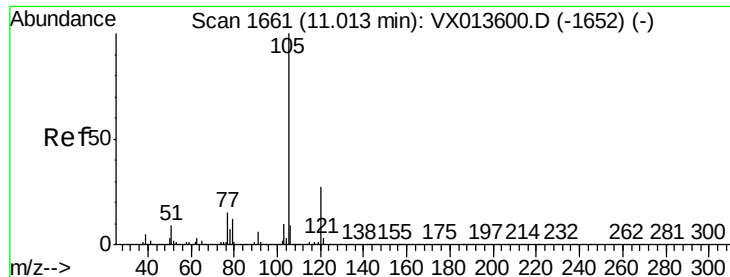
115 65.1 38.4 115.1

150 163.0 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: 21.681 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

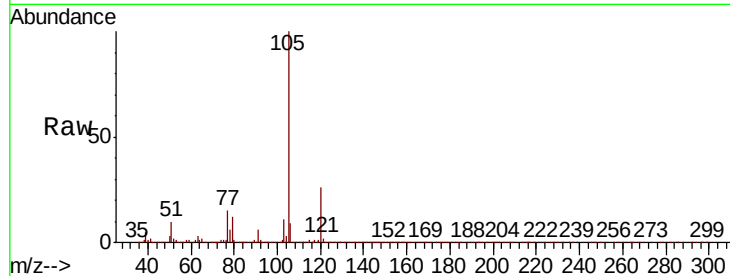
VX1212WBS01

Tot Ion:105 Resp: 630360

Ion Ratio Lower Upper

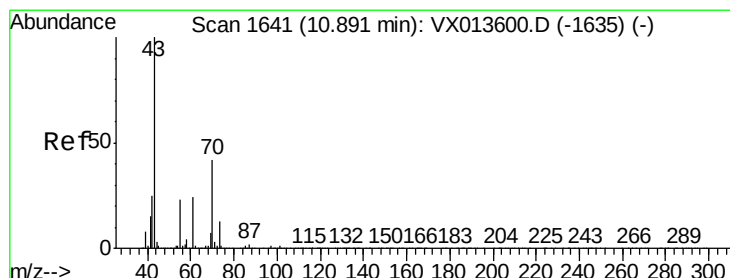
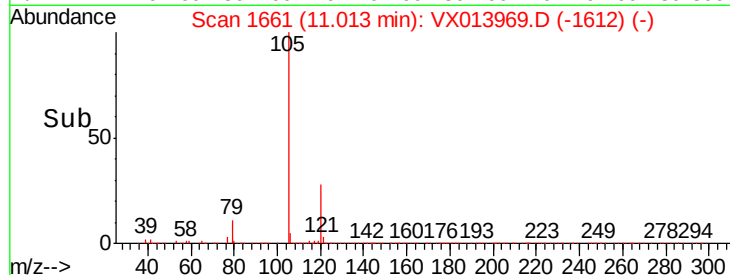
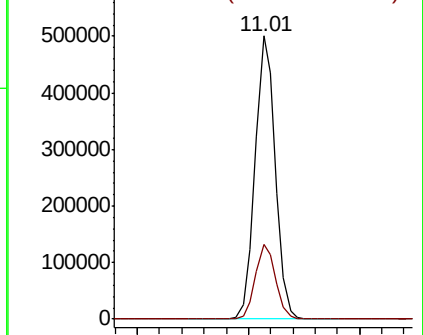
105 100

120 26.7 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: 20.843 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion: 43 Resp: 277599

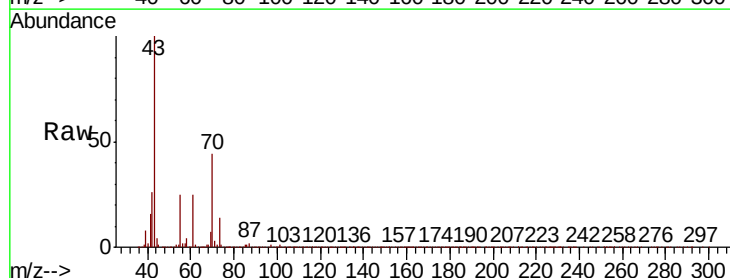
Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 24.5 18.5 27.7

61 24.4 19.8 29.8

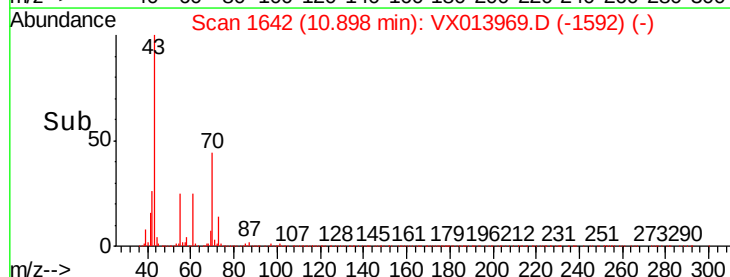
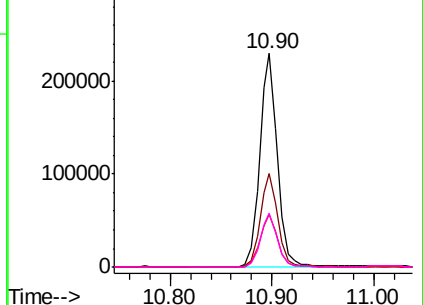


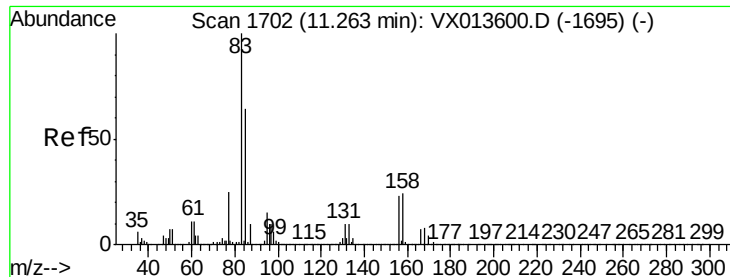
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.217 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

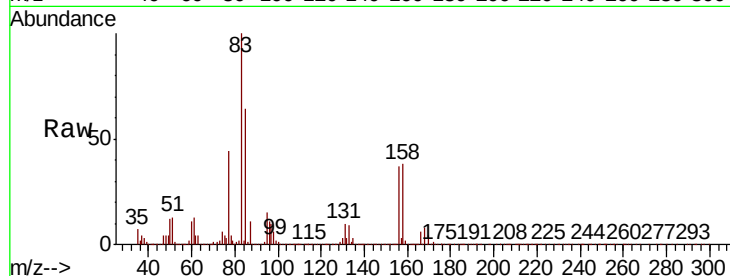
Tot Ion: 83 Resp: 224009

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

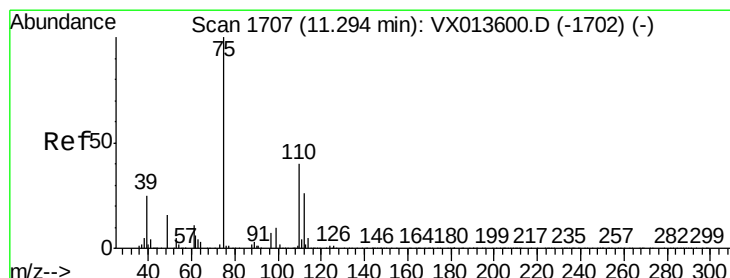
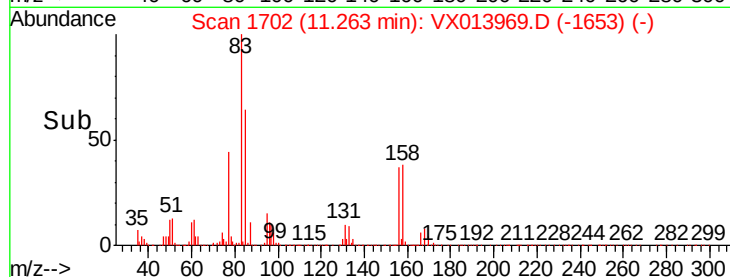
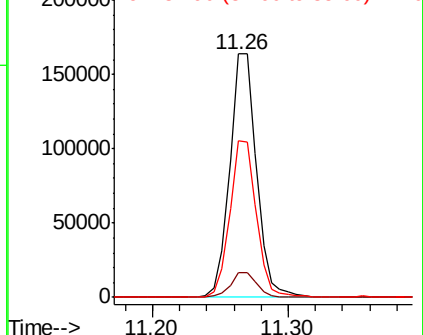
85 64.2 31.8 95.3



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: 25.566 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013969.D

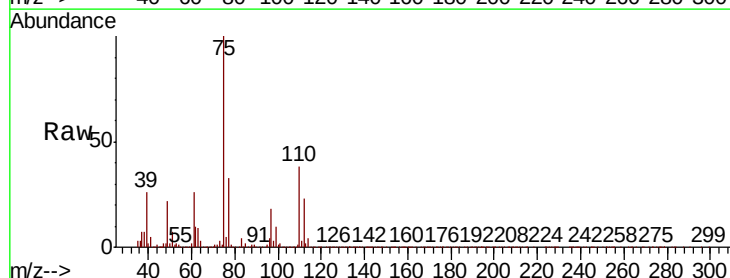
Acq: 12 Dec 2019 12:16

Tgt Ion: 75 Resp: 238335

Ion Ratio Lower Upper

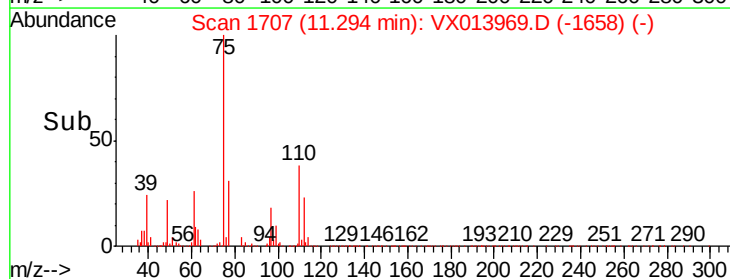
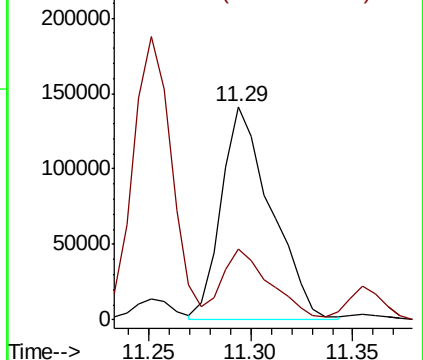
75 100

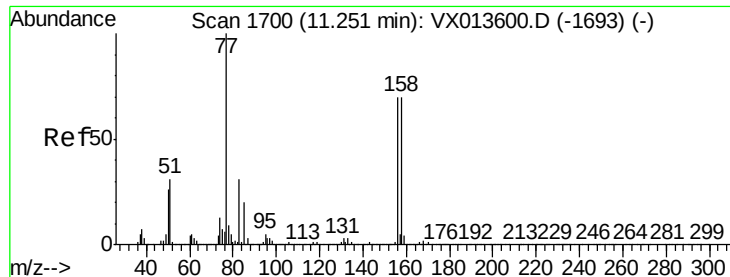
77 32.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.653 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

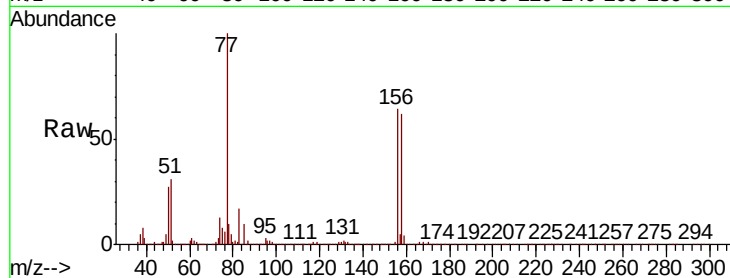
Tot Ion:156 Resp: 162218

Ion Ratio Lower Upper

156 100

77 152.0 74.4 223.1

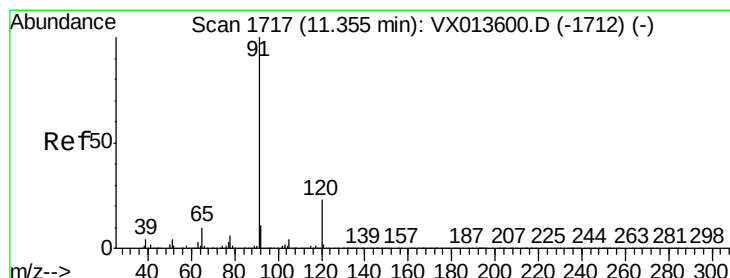
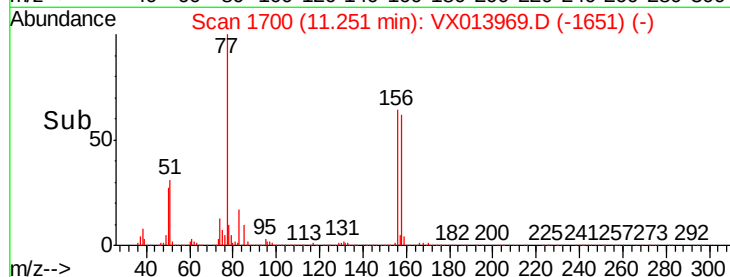
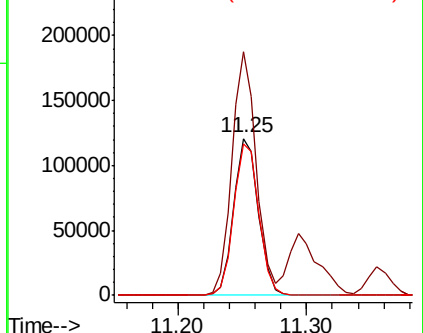
158 97.9 48.9 146.6



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: 21.202 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013969.D

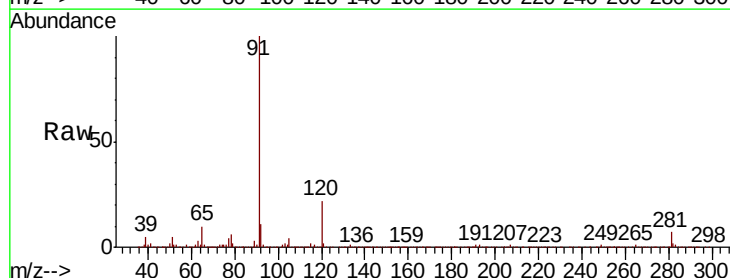
Acq: 12 Dec 2019 12:16

Tgt Ion: 91 Resp: 688107

Ion Ratio Lower Upper

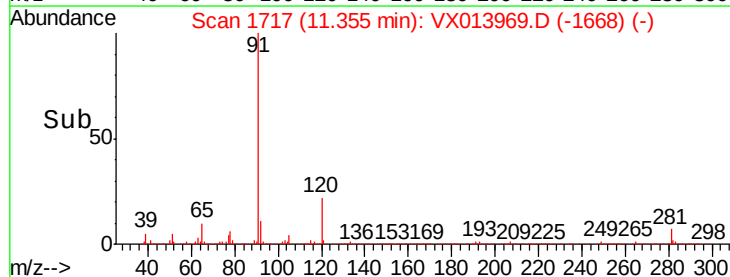
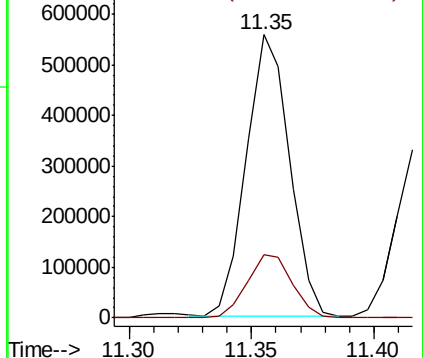
91 100

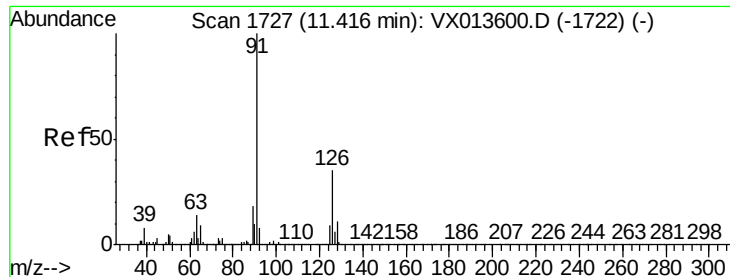
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.518 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

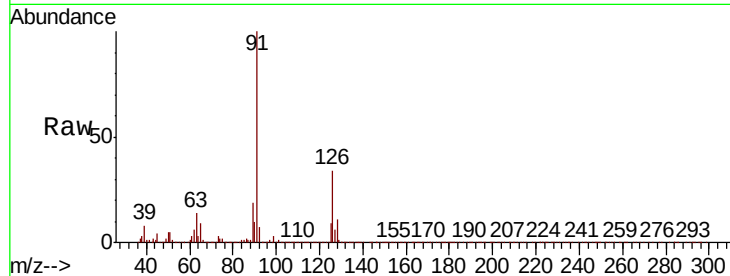
VX1212WBS01

Tot Ion: 91 Resp: 418942

Ion Ratio Lower Upper

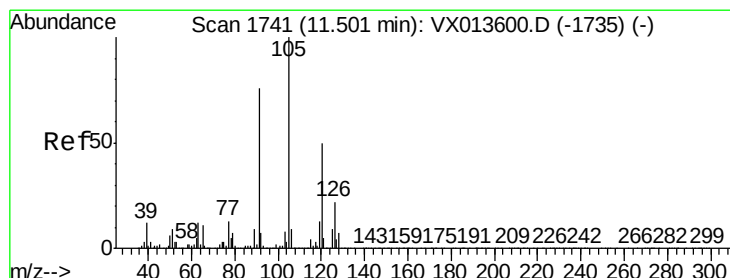
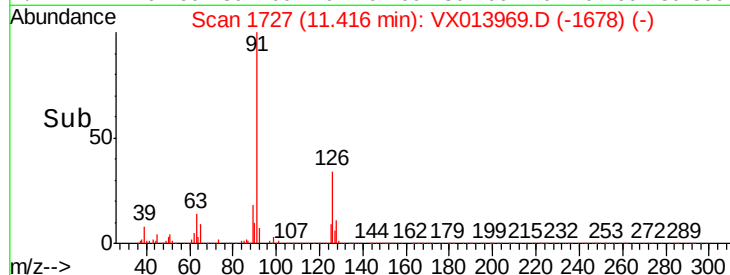
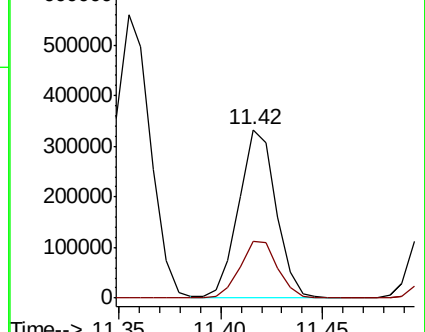
91 100

126 34.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.060 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013969.D

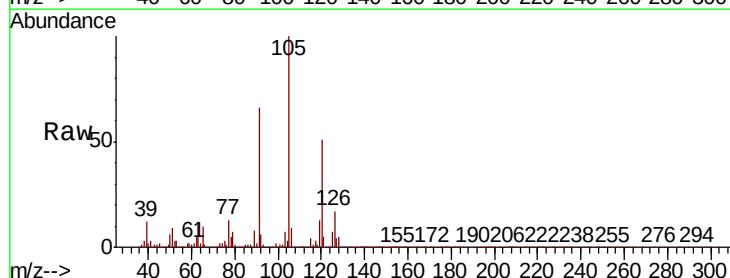
Acq: 12 Dec 2019 12:16

Tgt Ion:105 Resp: 525671

Ion Ratio Lower Upper

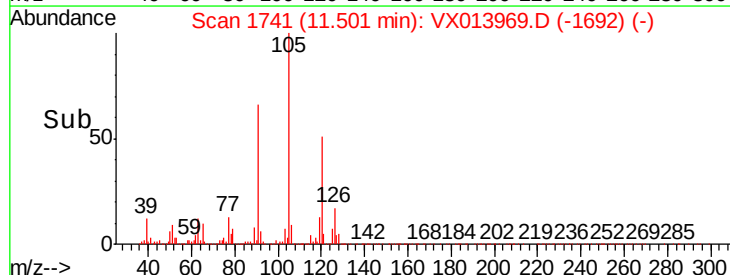
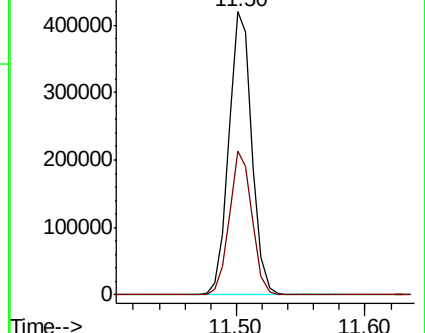
105 100

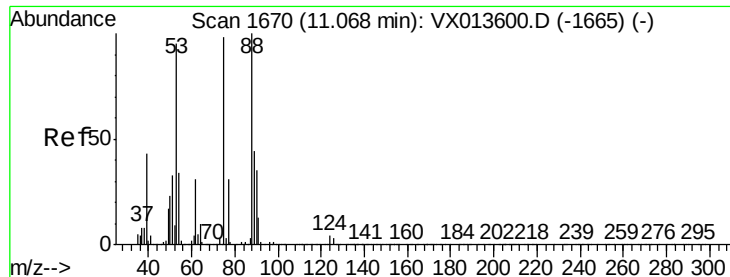
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.022 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

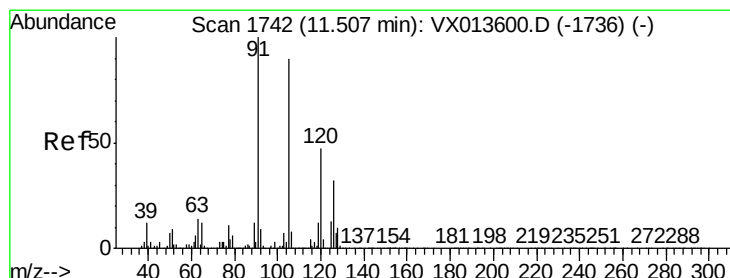
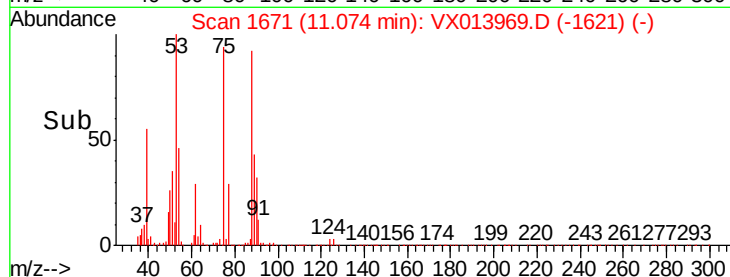
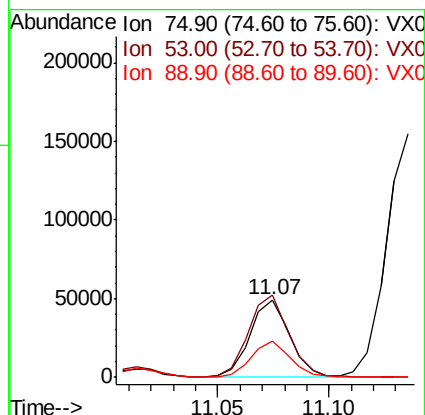
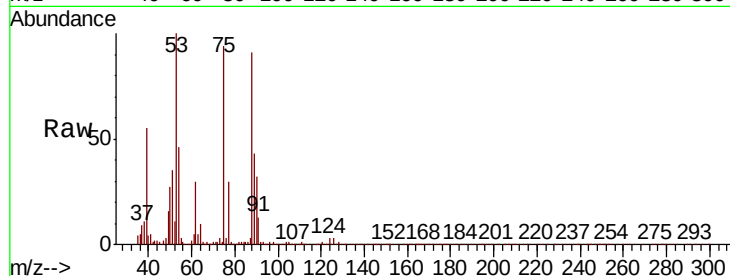
Tot Ion: 75 Resp: 61411

Ion Ratio Lower Upper

75 100

53 106.8 78.2 117.2

89 46.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 21.140 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013969.D

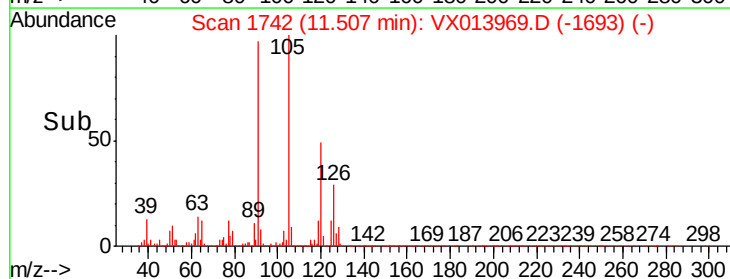
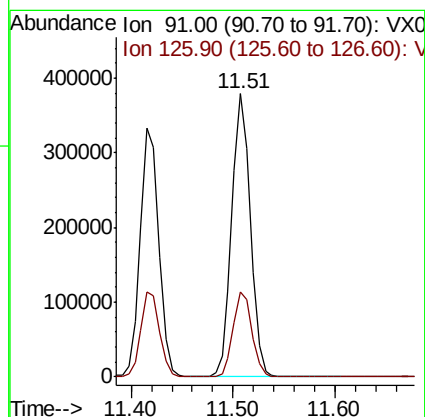
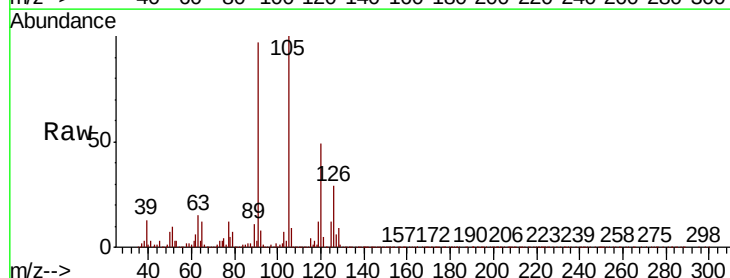
Acq: 12 Dec 2019 12:16

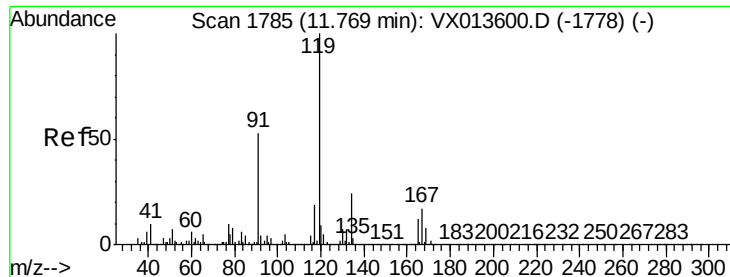
Tgt Ion: 91 Resp: 476696

Ion Ratio Lower Upper

91 100

126 30.0 15.7 47.0

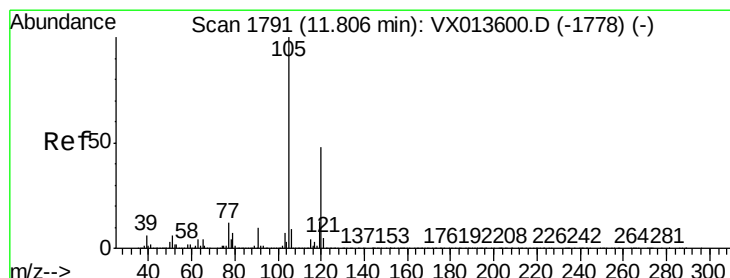
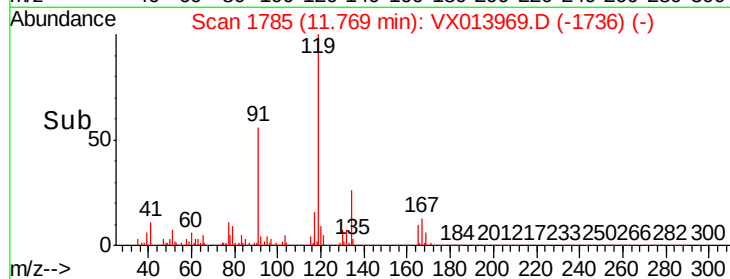
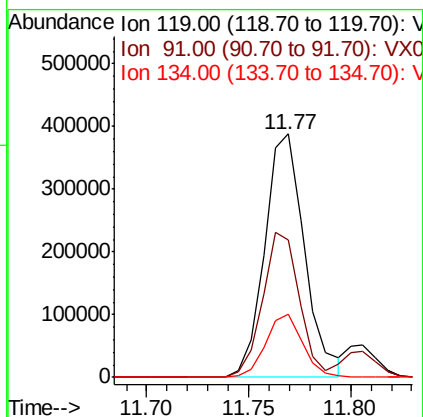
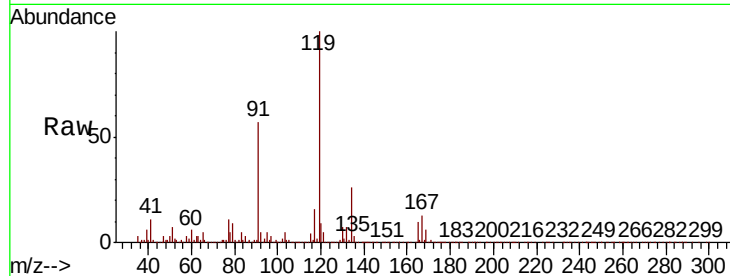




#83
tert-Butylbenzene
Concen: 21.834 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

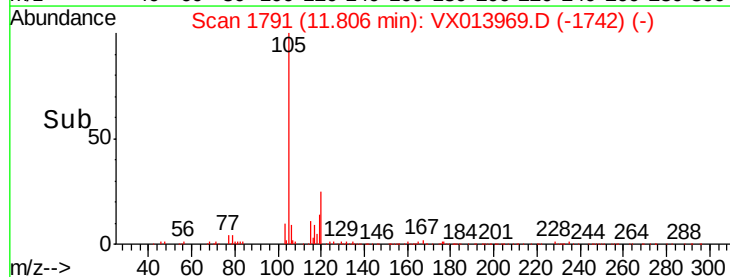
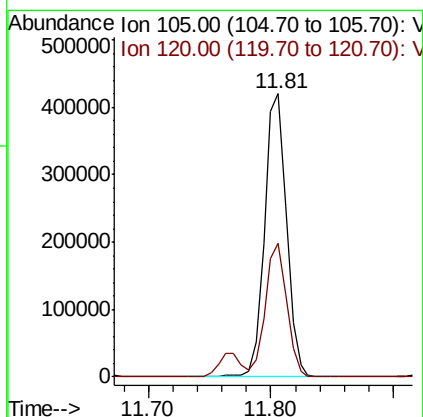
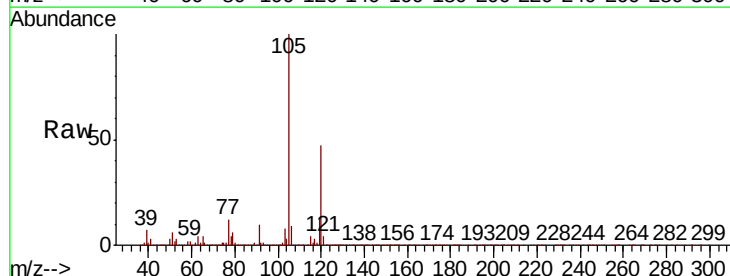
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

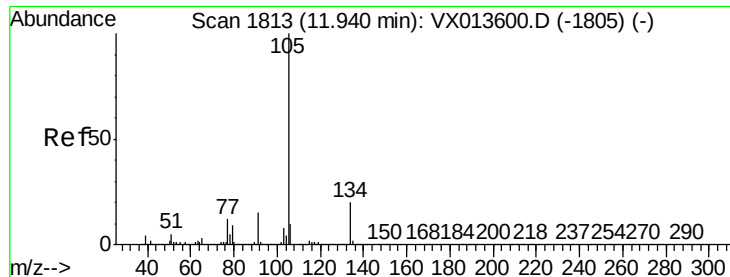
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	27.2	81.6
134	24.3	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.730 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.928 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampled :

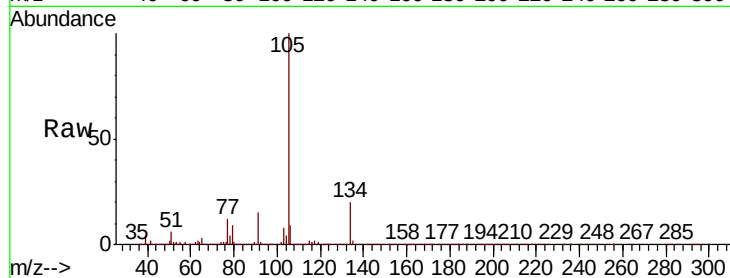
VX1212WBS01

Tot Ion:105 Resp: 606541

Ion Ratio Lower Upper

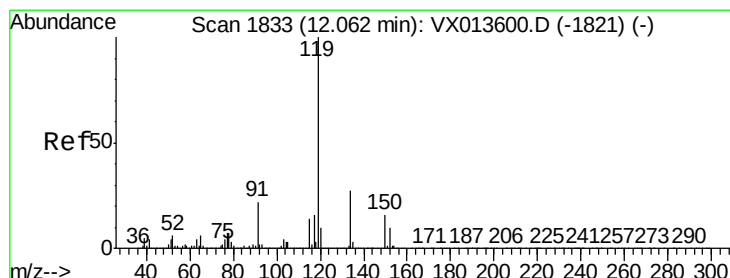
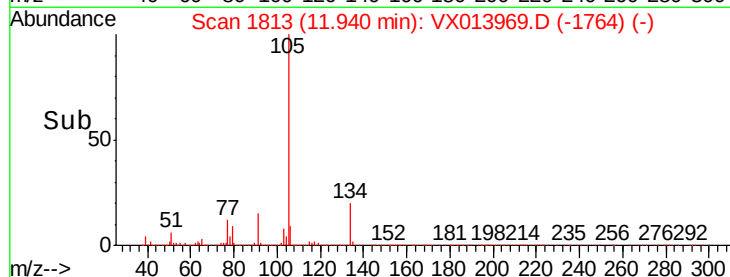
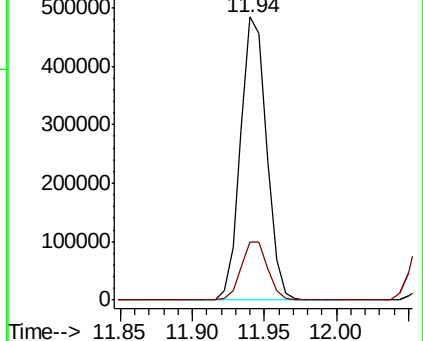
105 100

134 21.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.555 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

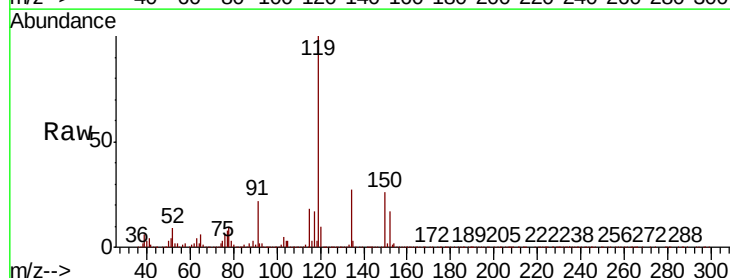
Tgt Ion:119 Resp: 554669

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

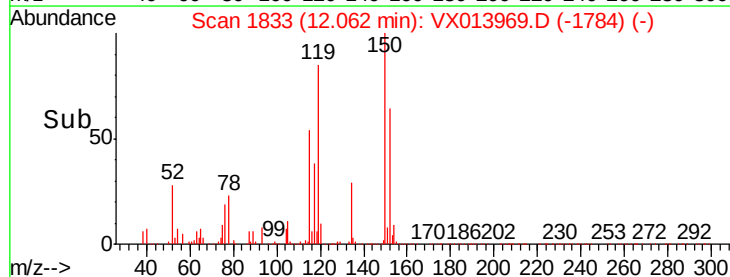
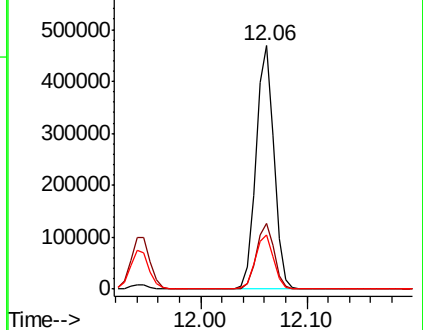
91 22.8 11.3 33.8

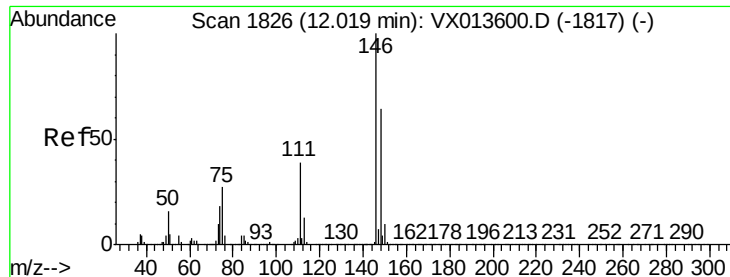


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.768 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

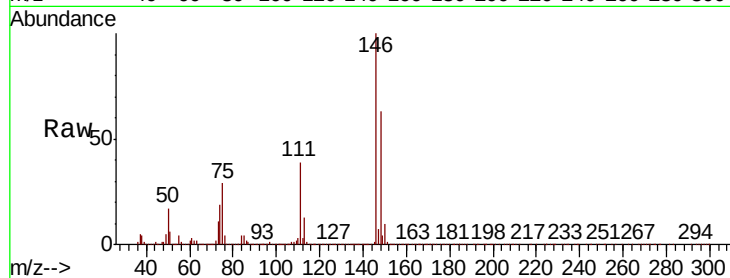
Tot Ion:146 Resp: 284345

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

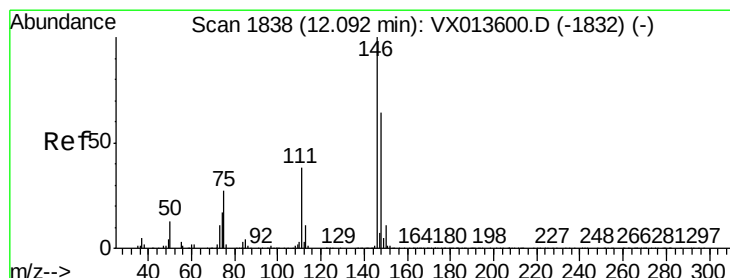
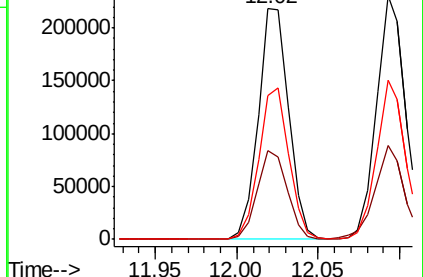
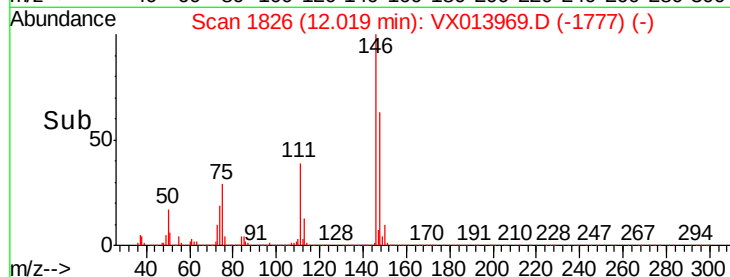
148 64.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.255 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

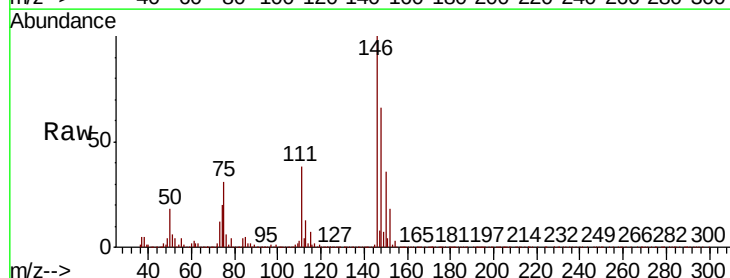
Tgt Ion:146 Resp: 282470

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.9

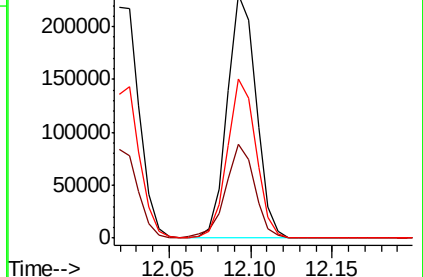
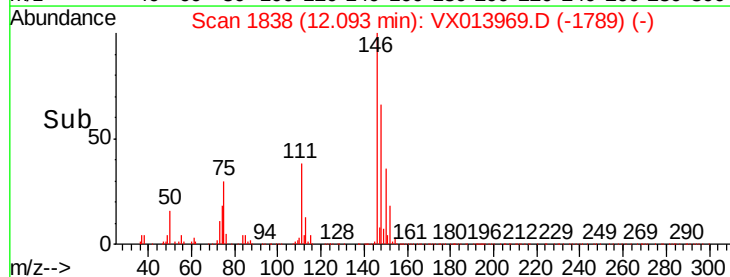
148 65.3 31.9 95.5

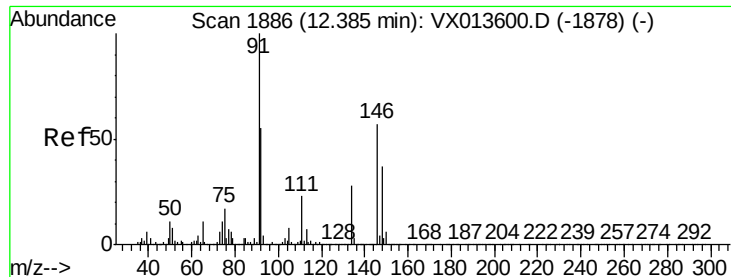


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

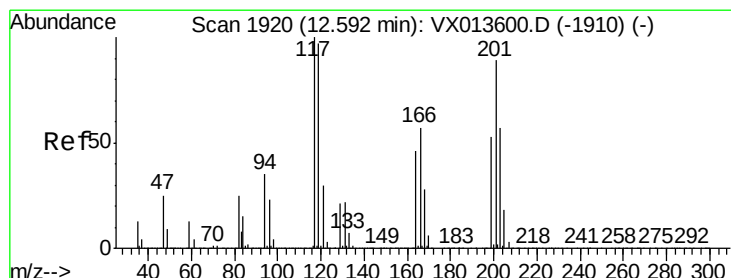
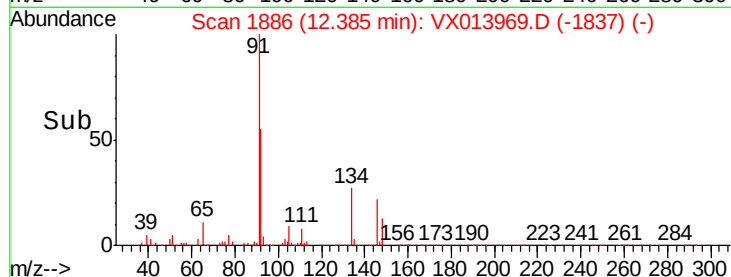
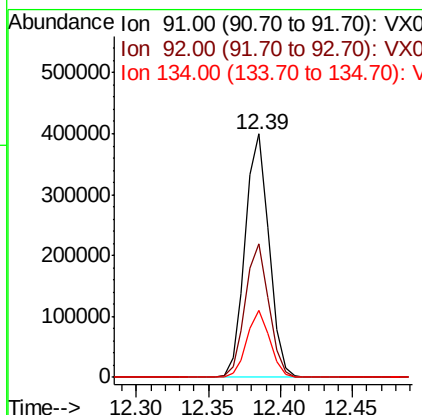
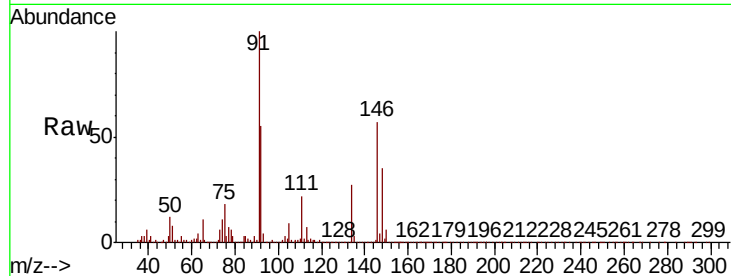




#89
n-Butylbenzene
Concen: 20.865 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

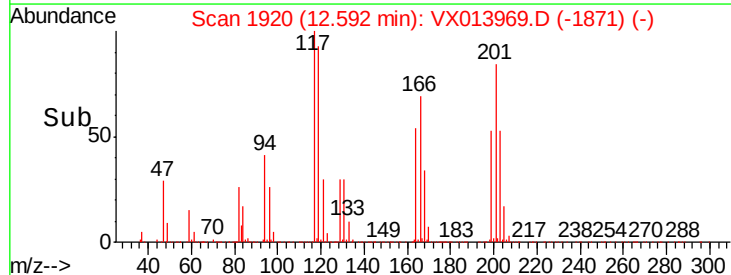
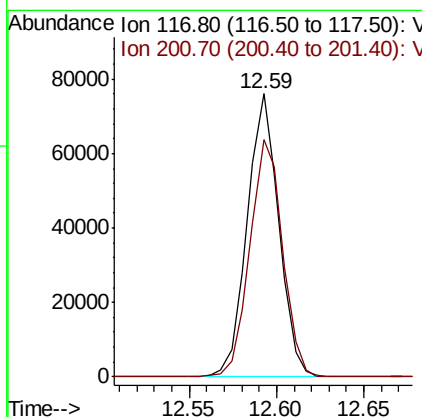
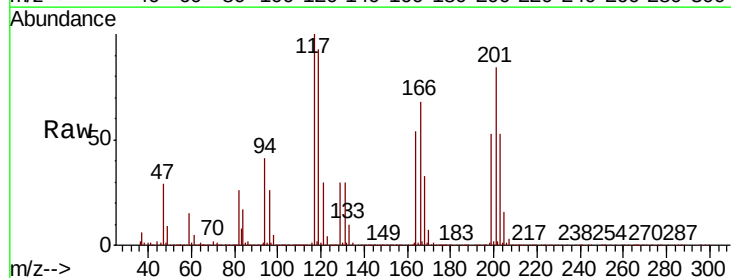
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

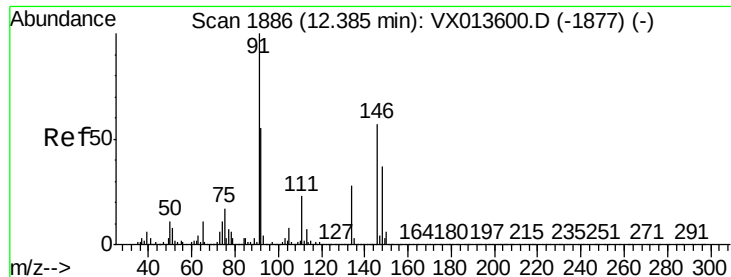
Tot Ion: 91 Resp: 457928
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 26.3 13.5 40.4



#90
Hexachloroethane
Concen: 20.368 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 117 Resp: 94737
Ion Ratio Lower Upper
117 100
201 87.5 44.1 132.4

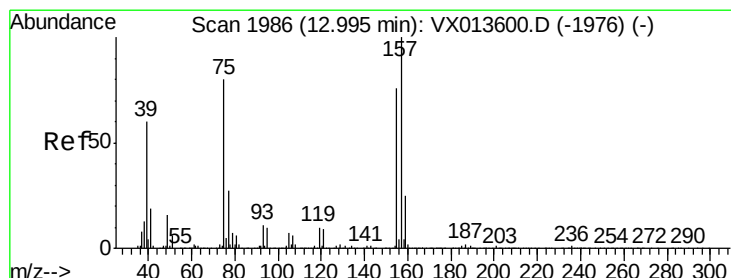
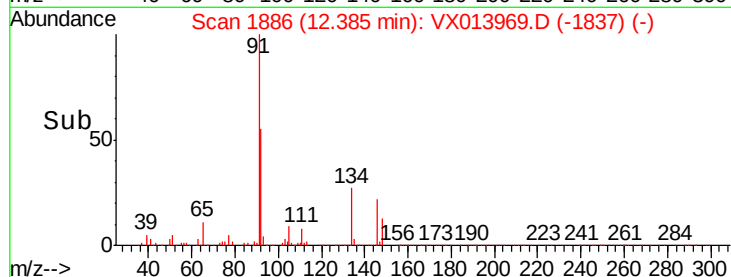
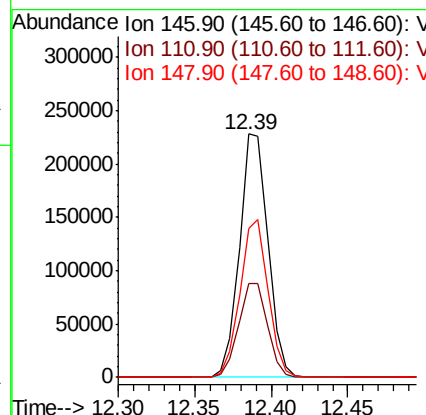
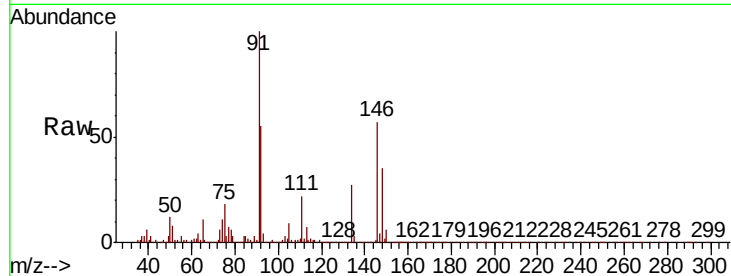




#91
 1,2-Dichlorobenzene
 Concen: 21.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

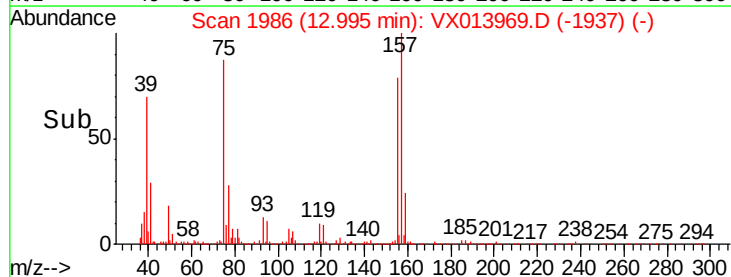
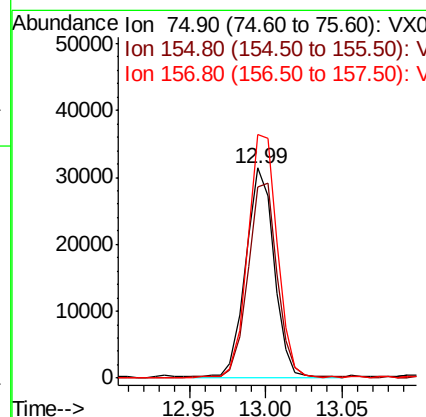
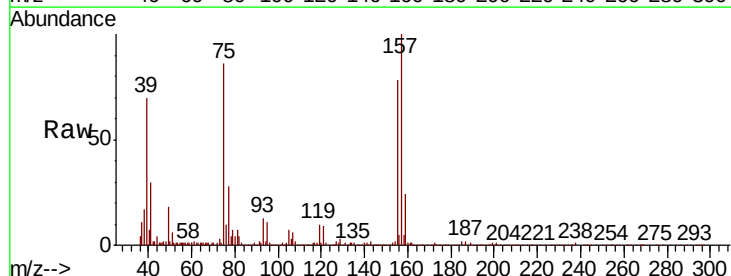
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

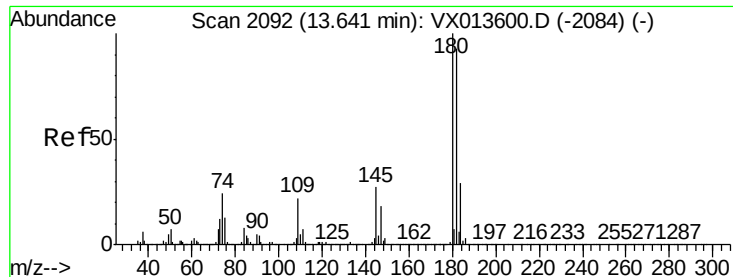
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.253 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	47.6	142.8
157	122.1	62.1	186.2

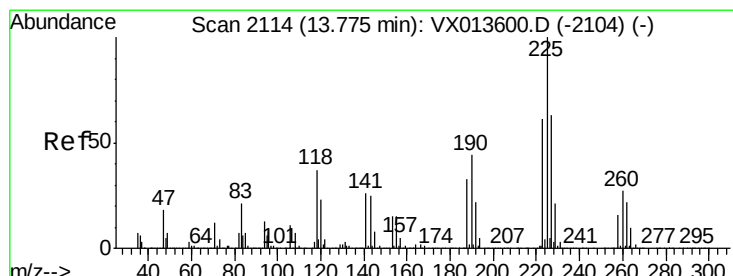
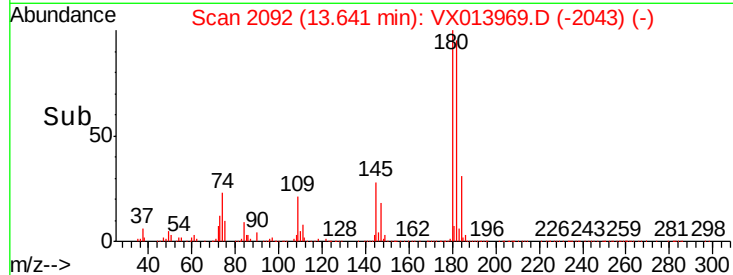
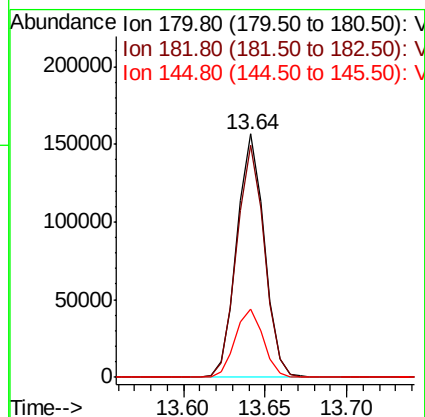
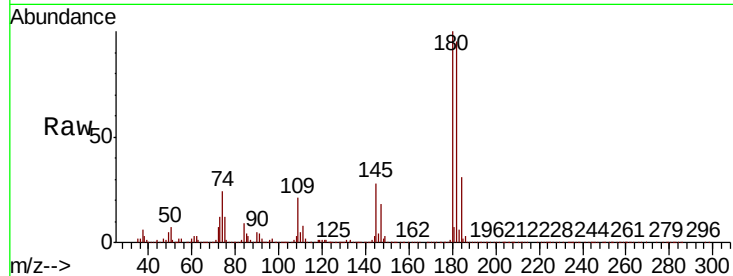




#93
 1,2,4-Trichlorobenzene
 Concen: 19.551 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

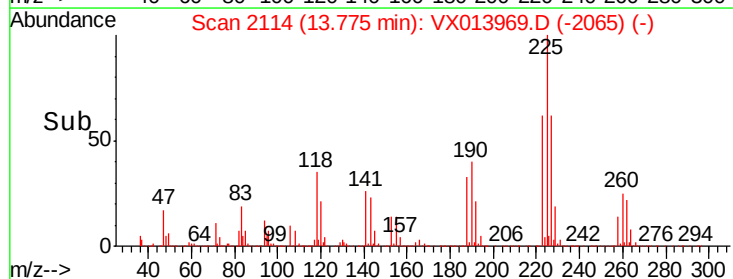
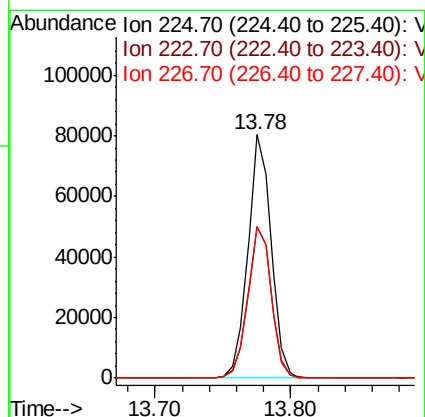
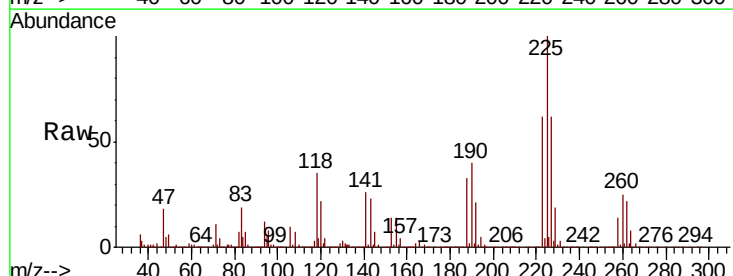
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

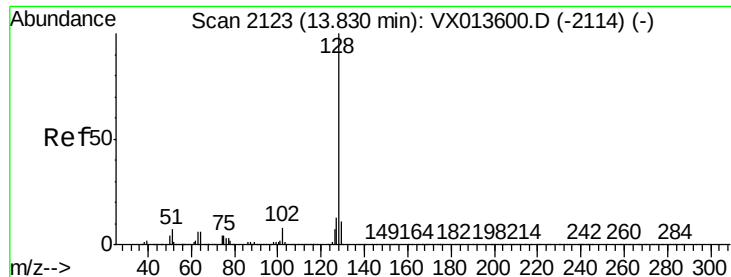
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.2	141.6
145	28.7	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 21.216 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.5
227	62.8	32.1	96.3





#95

Naphthalene

Concen: 19.513 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

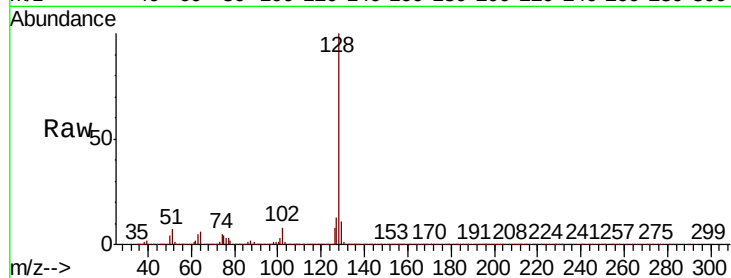
Tot Ion:128 Resp: 547850

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

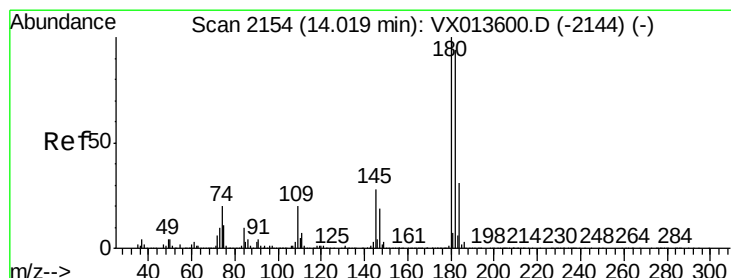
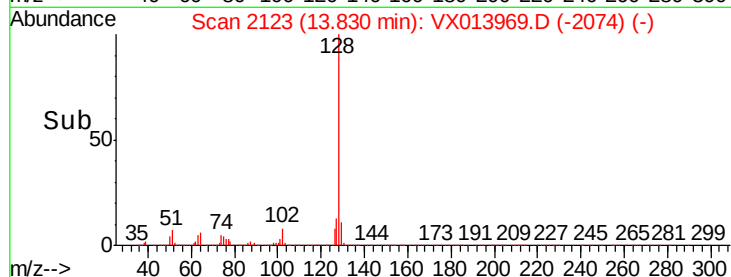
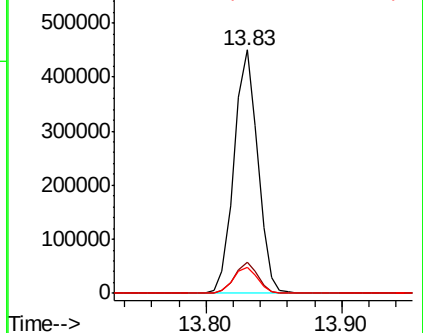
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.214 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

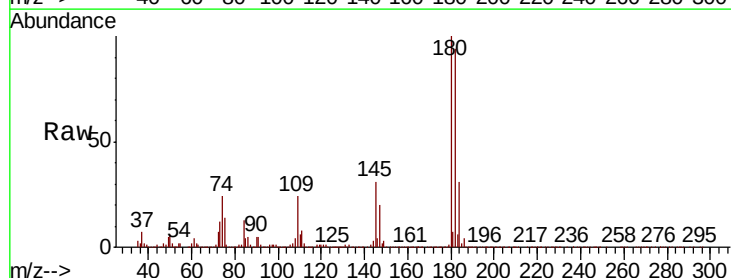
Tgt Ion:180 Resp: 188691

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.8

145 29.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

