

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016115.D
 Acq On : 08 May 2020 12:56
 Operator : JC/SP
 Sample : VX0508WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Quant Time: May 09 02:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	50985	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	288532	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	262410	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	112672	28.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.83%
60) 4-Bromofluorobenzene	11.12	95	130401	29.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.77%
63) Toluene-d8	8.70	98	350177	31.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71935	20.484	ug/l 100
3) Chloromethane	1.31	50	67542	19.630	ug/l 100
4) Vinyl Chloride	1.39	62	72826	18.629	ug/l 100
5) Bromomethane	1.63	94	46035	19.212	ug/l 97
6) Chloroethane	1.72	64	44670	17.430	ug/l 100
7) Trichlorofluoromethane	1.92	101	94074	16.801	ug/l 96
8) Diethyl Ether	2.17	74	36955	16.535	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55694	19.260	ug/l 98
10) 1,1-Dichloroethene	2.36	96	54824	18.792	ug/l 99
11) Methyl Iodide	2.49	142	68213	17.127	ug/l 99
12) Methyl Acetate	2.75	43	98703	19.377	ug/l 99
13) Acrolein	2.27	56	30783	75.385	ug/l 99
14) Acrylonitrile	3.11	53	181603	96.520	ug/l 98
15) Acetone	2.42	58	49291	98.990	ug/l 88
16) Carbon Disulfide	2.55	76	167398	18.861	ug/l 98
17) Allyl chloride	2.71	41	100311	18.535	ug/l 92
18) Methylene Chloride	2.84	84	63169	19.328	ug/l 92
19) trans-1,2-Dichloroethene	3.14	96	61869	19.389	ug/l 98
20) Diisopropyl ether	3.82	45	196061	18.789	ug/l 98
21) 1,1-Dichloroethane	3.67	63	110288	18.955	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	68030	18.787	ug/l 98
23) tert-Butyl Alcohol	3.01	59	84307	91.537	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	194811	18.594	ug/l 94
25) Chloroform	5.18	83	109201	18.479	ug/l 95
26) Cyclohexane	5.55	56	102459	19.257	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	84419	18.603	ug/l 99
30) 2-Butanone	4.63	43	246000	90.977	ug/l 98
31) 2,2-Dichloropropane	4.55	77	99525	18.224	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	99987	18.163	ug/l 98
33) Carbon Tetrachloride	5.76	117	87158	17.782	ug/l 100
34) Benzene	6.11	78	252146	19.023	ug/l 99
35) Methacrylonitrile	5.00	41	52055	18.128	ug/l 96
36) 1,2-Dichloroethane	6.17	62	88051	17.395	ug/l 99
37) Trichloroethene	7.19	130	88585	18.787	ug/l 100
38) Methylcyclohexane	7.44	83	105860	19.089	ug/l 99
39) 1,2-Dichloropropane	7.49	63	65007	19.106	ug/l 97
40) Dibromomethane	7.64	93	43003	18.201	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	87932	18.054	ug/l	98
42) Vinyl Acetate	3.78	43	797837	89.186	ug/l	99
43) Ethyl Acetate	4.79	43	95667	17.936	ug/l	99
44) Isopropyl Acetate	6.41	43	155820	18.002	ug/l	98
45) 1,4-Dioxane	7.71	88	33646	368.003	ug/l	99
46) Methyl methacrylate	7.74	41	72369	17.636	ug/l	94
47) n-amyl Acetate	10.88	43	126888	16.765	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	102591	18.139	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	108357	18.543	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	62081	18.647	ug/l	98
51) Ethyl methacrylate	9.16	69	98824	17.975	ug/l	93
52) 1,3-Dichloropropane	9.35	76	107357	18.653	ug/l	99
53) Dibromochloromethane	9.57	129	66945	17.674	ug/l	100
54) 1,2-Dibromoethane	9.65	107	65068	17.782	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	269586	90.134	ug/l	100
56) Bromoform	10.84	173	48220	16.896	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	474413	91.678	ug/l	97
59) 2-Hexanone	9.47	43	363592	90.963	ug/l	97
61) Tetrachloroethene	9.32	164	98654	19.006	ug/l	89
62) Toluene	8.76	91	267487	19.080	ug/l	100
64) Chlorobenzene	10.12	112	167834	18.802	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60969	17.992	ug/l	99
66) Ethyl Benzene	10.24	91	300233	18.807	ug/l	100
67) m/p-Xylenes	10.34	106	226037	37.169	ug/l	99
68) o-Xylene	10.68	106	106852	18.221	ug/l	99
69) Styrene	10.70	104	181767	18.110	ug/l	99
70) Isopropylbenzene	11.00	105	289161	18.263	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	49884	16.948	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	90195m	18.920	ug/l	
73) Bromobenzene	11.24	156	72037	18.055	ug/l	98
74) n-propylbenzene	11.34	91	339272	18.448	ug/l	100
75) 2-Chlorotoluene	11.40	91	196966	18.226	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	247180	18.392	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	36228	17.674	ug/l	92
78) 4-Chlorotoluene	11.49	91	233973	18.290	ug/l	100
79) tert-butylbenzene	11.76	119	208390	18.155	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	245830	18.309	ug/l	100
81) sec-Butylbenzene	11.93	105	285683	18.453	ug/l	99
82) p-Isopropyltoluene	12.05	119	263986	18.401	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	129675	18.027	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	132700	18.565	ug/l	99
85) n-Butylbenzene	12.37	91	235740	17.989	ug/l	99
86) Hexachloroethane	12.58	117	43638	17.278	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	127108	18.270	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20898	16.968	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	92369	18.026	ug/l	99
90) Hexachlorobutadiene	13.77	225	42849	19.456	ug/l	97
91) Naphthalene	13.82	128	297266	18.221	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	92263	18.742	ug/l	97

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

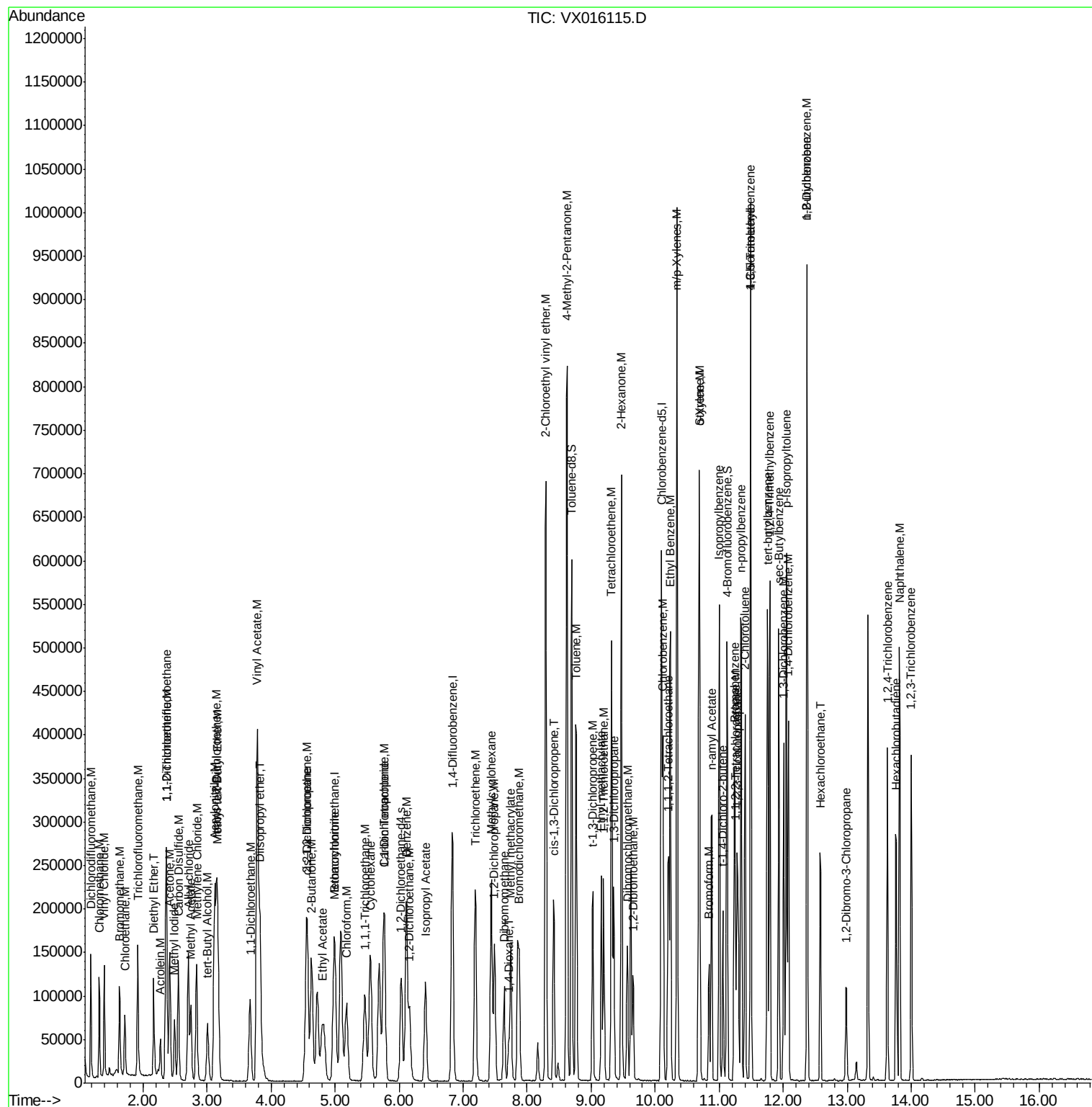
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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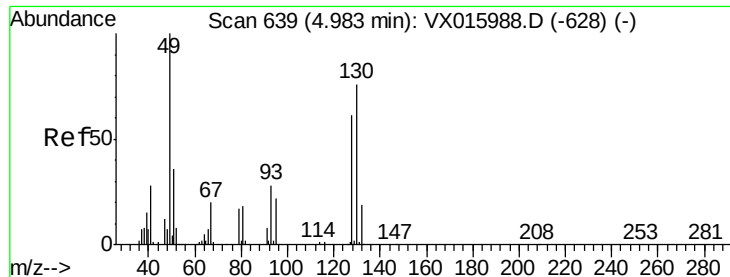
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Client Sample ID :
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Quant Time: May 09 02:45:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

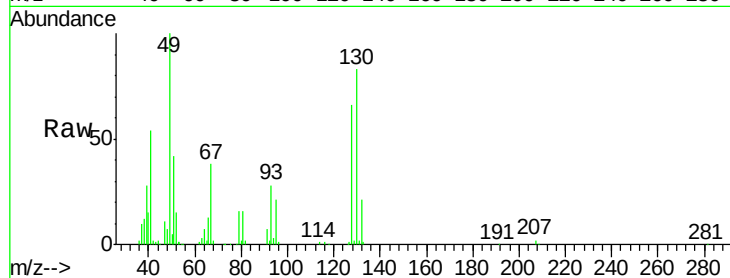
Tot Ion:128 Resp: 50985

Ion Ratio Lower Upper

128 100

49 163.8 0.0 418.5

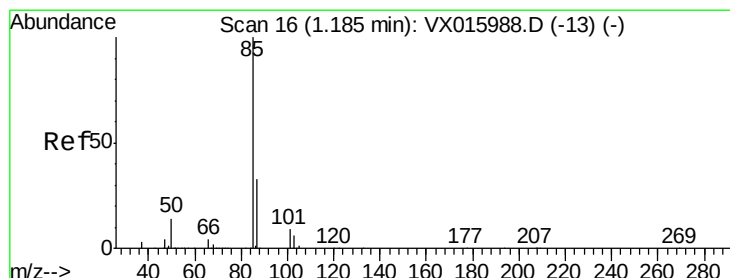
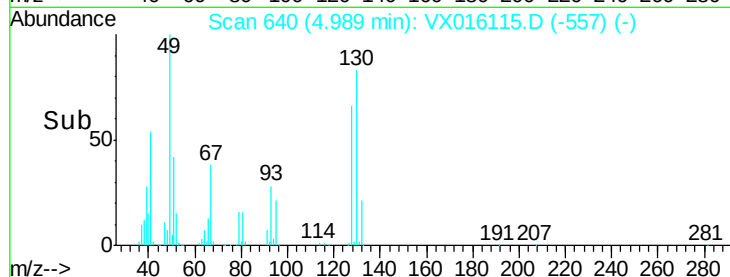
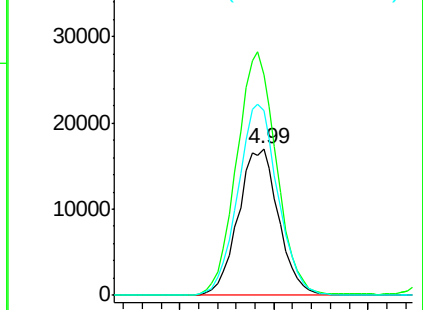
130 129.7 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016115.D

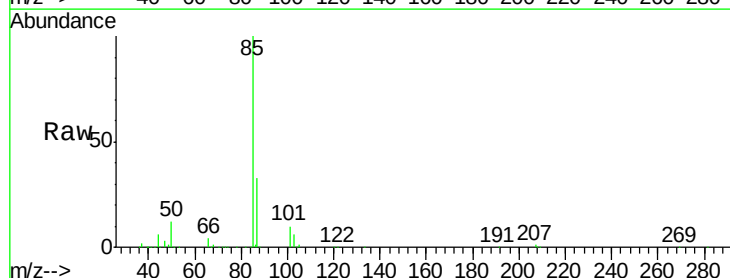
Acq: 08 May 2020 12:56

Tgt Ion: 85 Resp: 71935

Ion Ratio Lower Upper

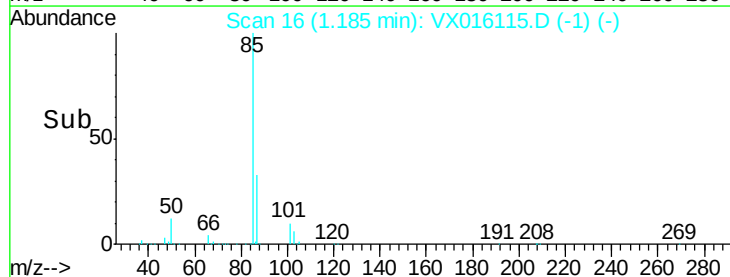
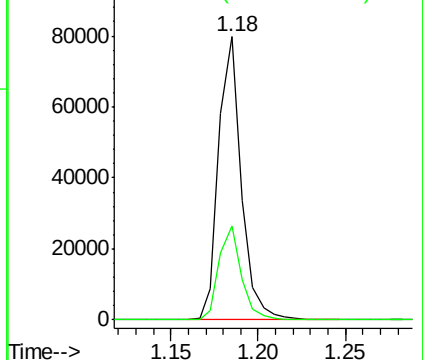
85 100

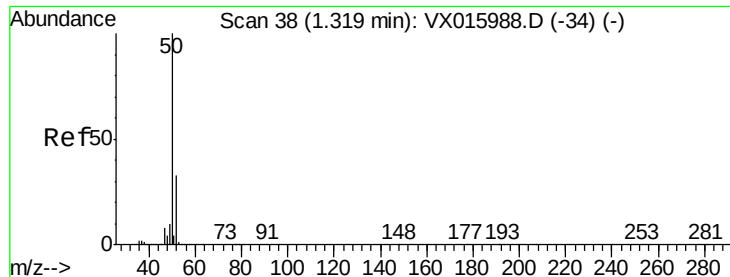
87 33.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

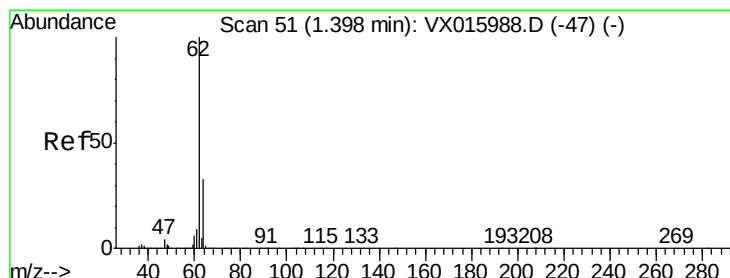
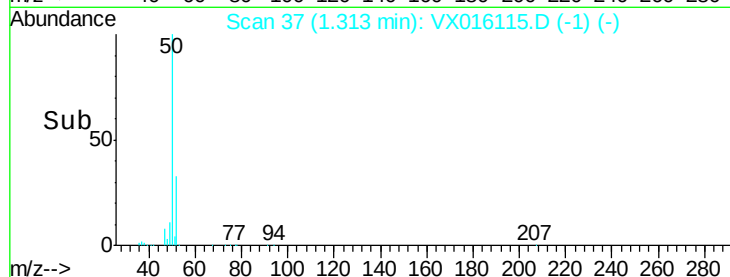
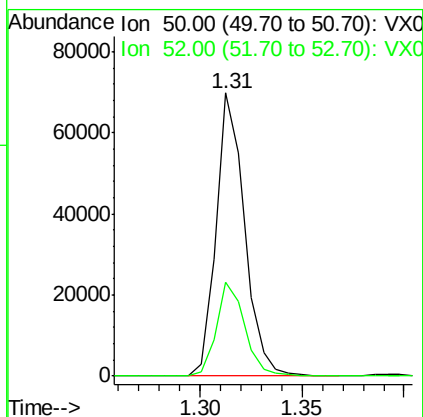
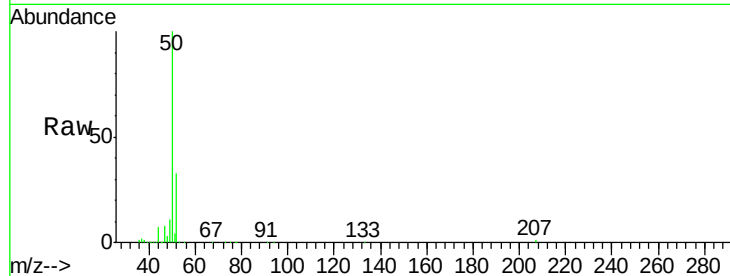




#3
Chloromethane
Concen: 19.630 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

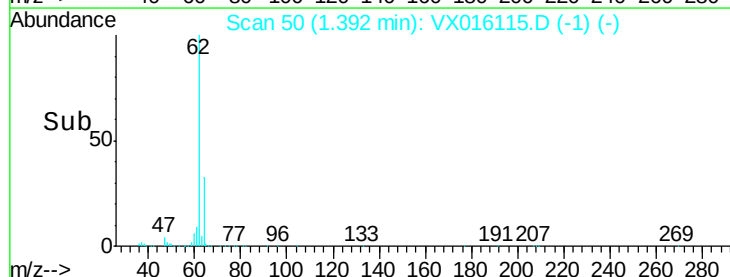
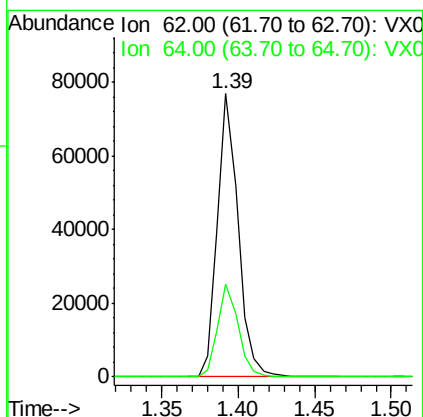
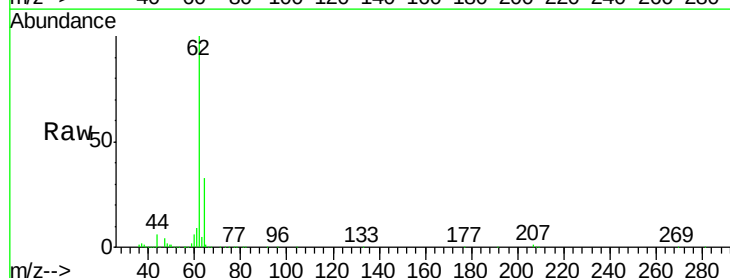
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

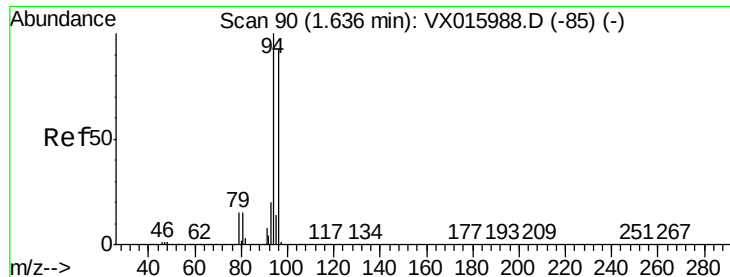
Tot Ion: 50 Resp: 67542
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 18.629 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 62 Resp: 72826
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5





#5

Bromomethane

Concen: 19.212 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

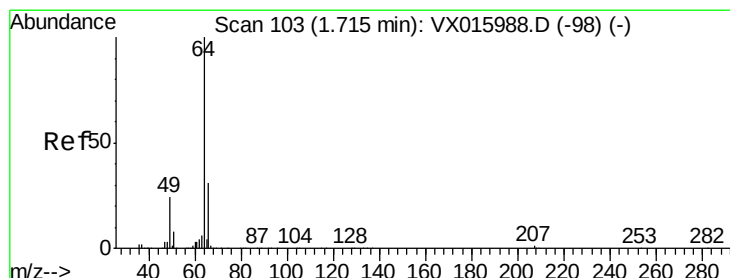
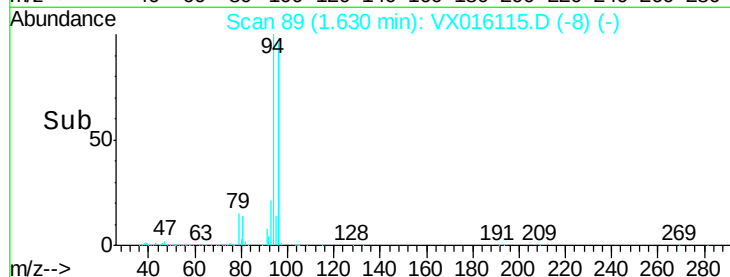
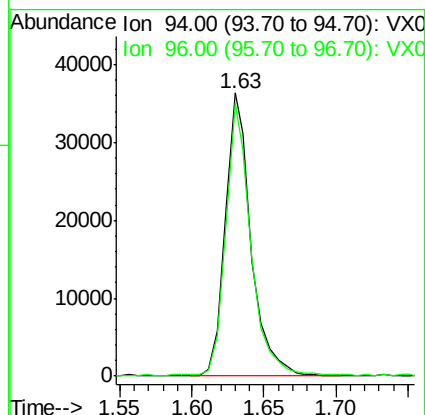
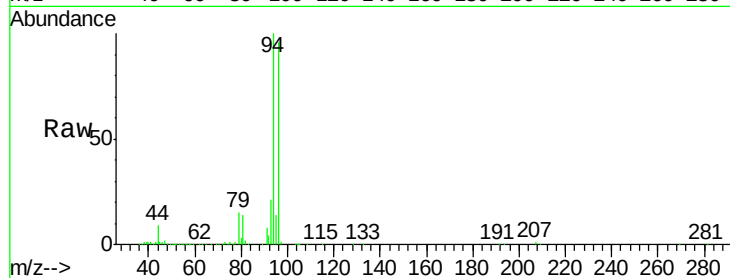
VX0508WBS02

Tot Ion: 94 Resp: 46035

Ion Ratio Lower Upper

94 100

96 95.8 74.2 111.2



#6

Chloroethane

Concen: 17.430 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016115.D

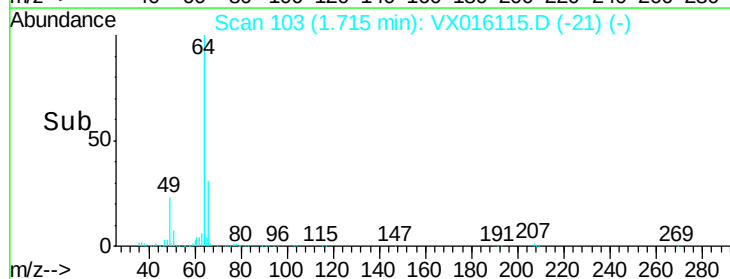
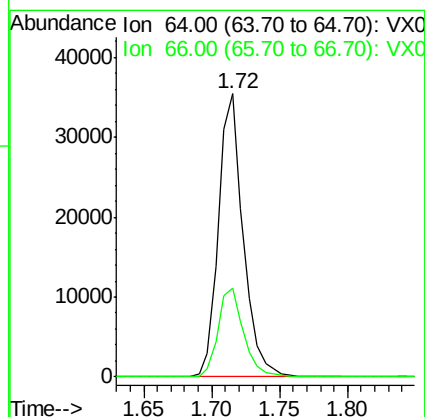
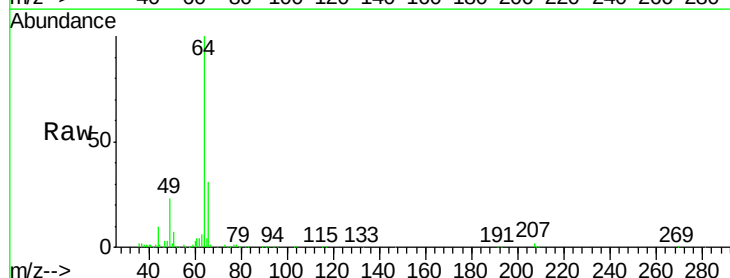
Acq: 08 May 2020 12:56

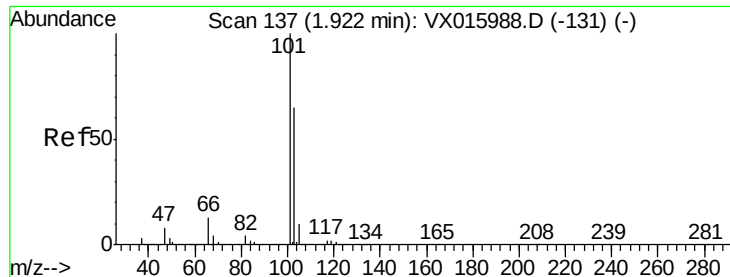
Tgt Ion: 64 Resp: 44670

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



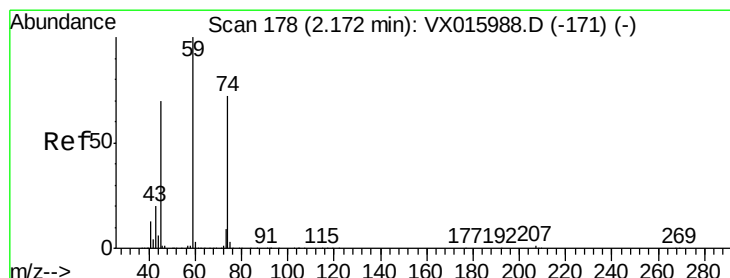
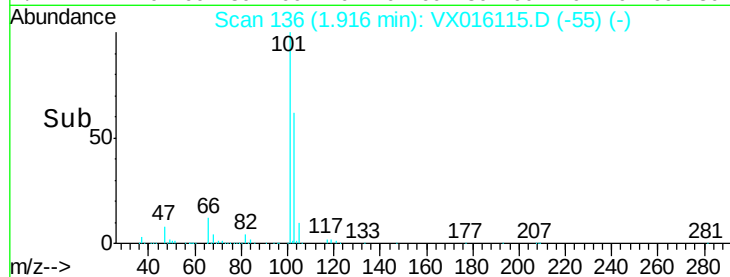
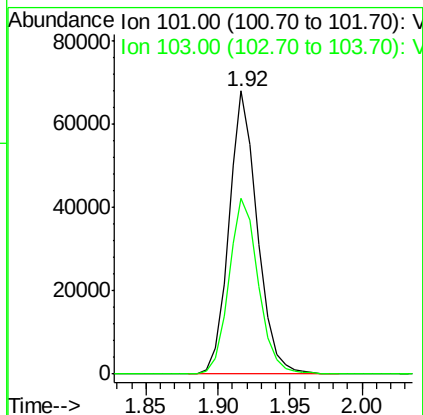
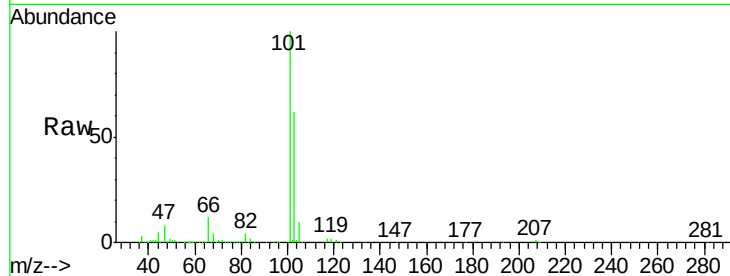


#7

Trichlorofluoromethane
Concen: 16.801 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :
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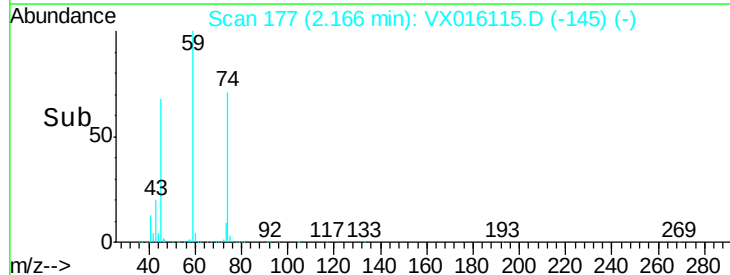
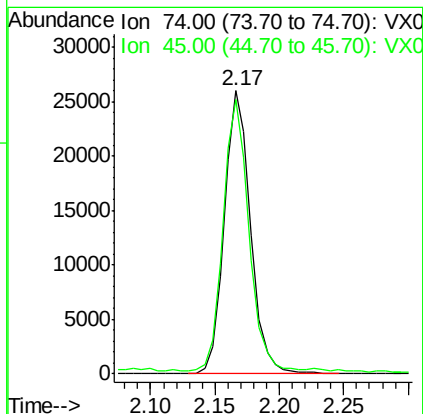
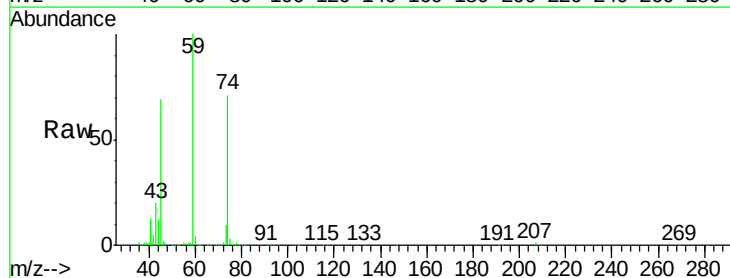
Tot Ion:101 Resp: 94074
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.8

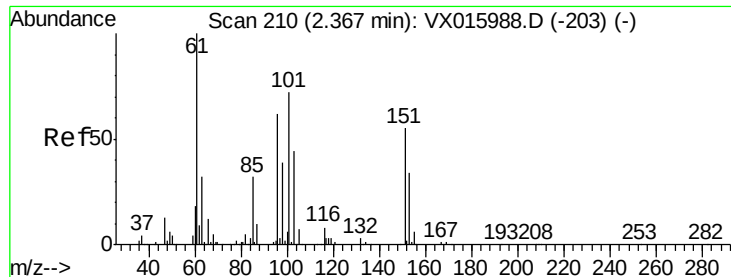


#8

Diethyl Ether
Concen: 16.535 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 74 Resp: 36955
Ion Ratio Lower Upper
74 100
45 95.9 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.260 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

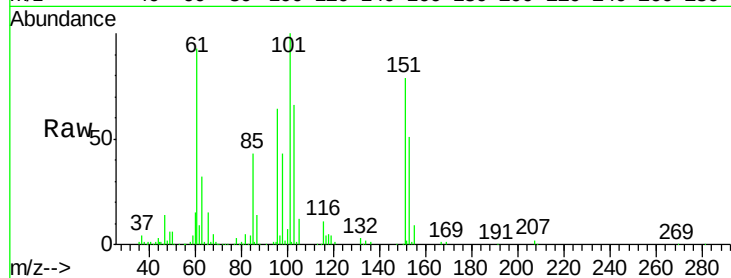
Tot Ion:101 Resp: 55694

Ion Ratio Lower Upper

101 100

85 42.8 0.0 90.6

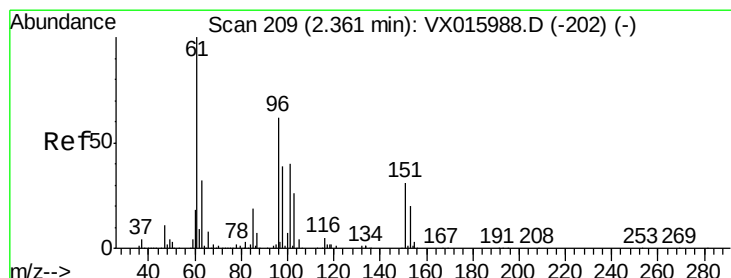
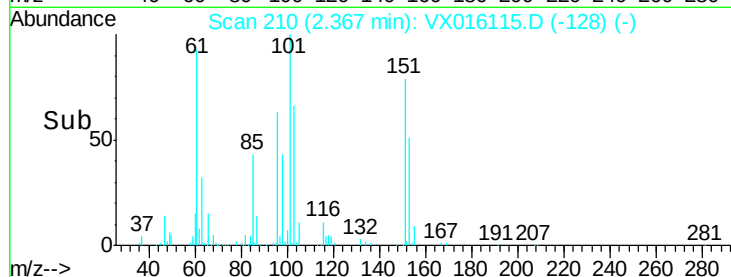
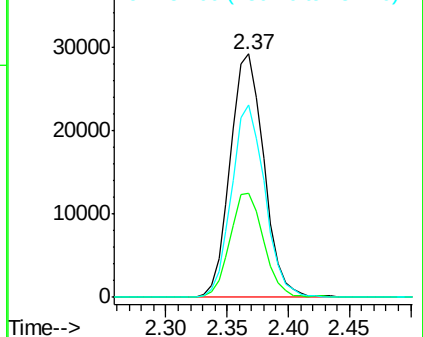
151 78.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.792 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

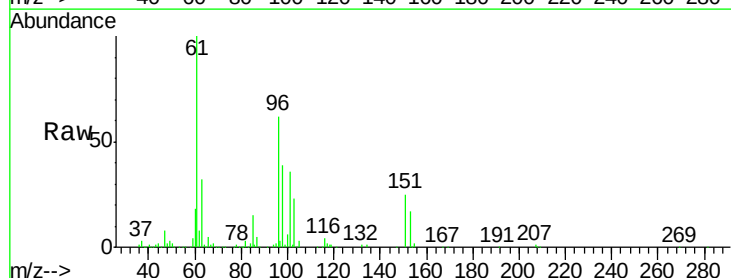
Tgt Ion: 96 Resp: 54824

Ion Ratio Lower Upper

96 100

61 160.6 129.8 194.8

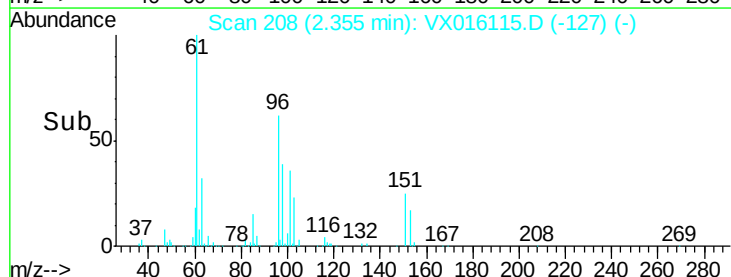
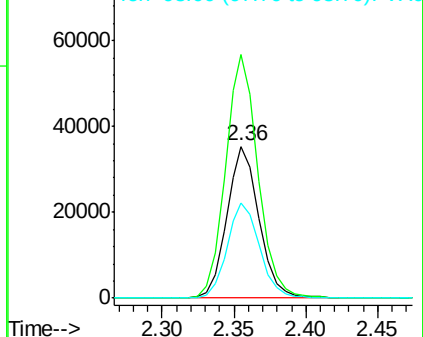
98 62.7 51.1 76.7

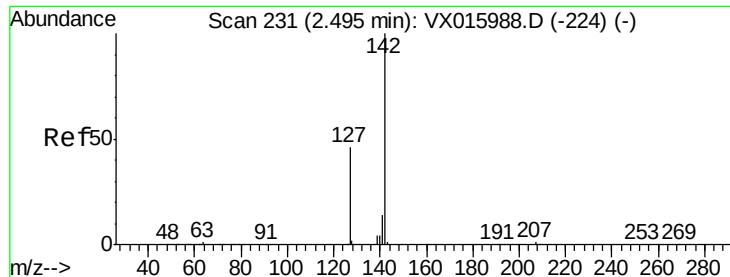


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

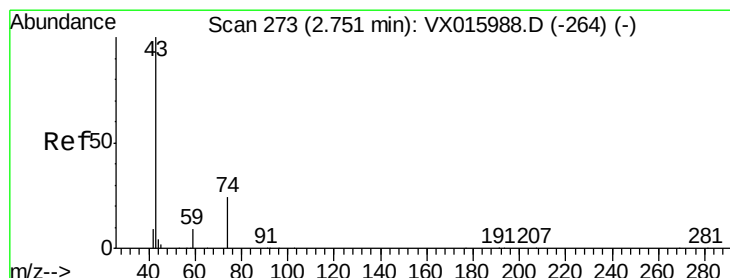
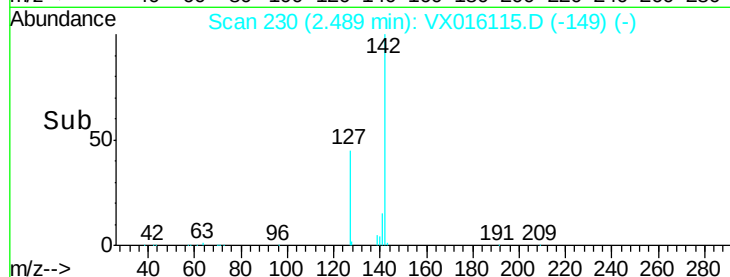
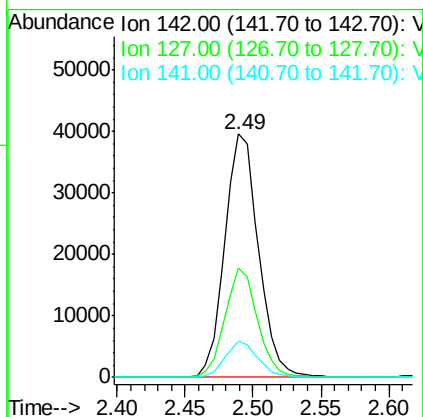
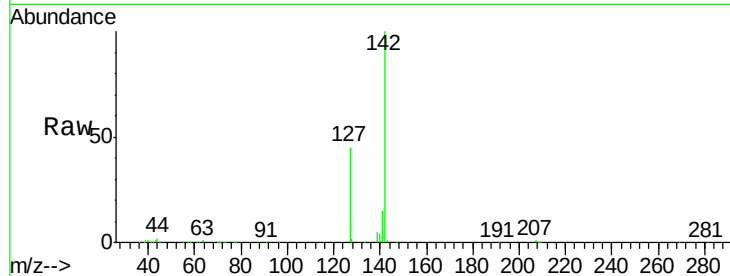




#11
Methvl Iodide
Concen: 17.127 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

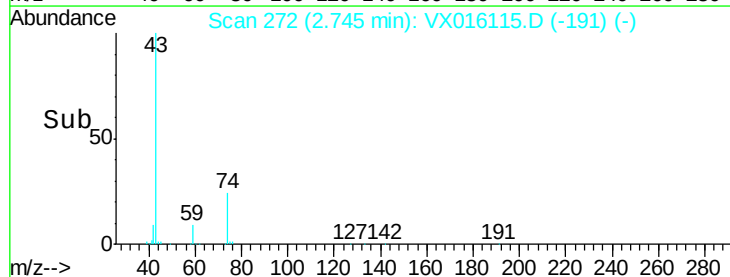
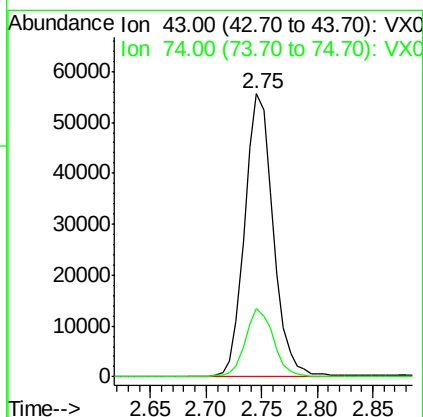
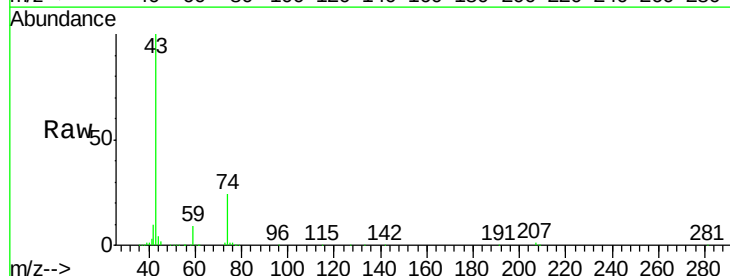
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

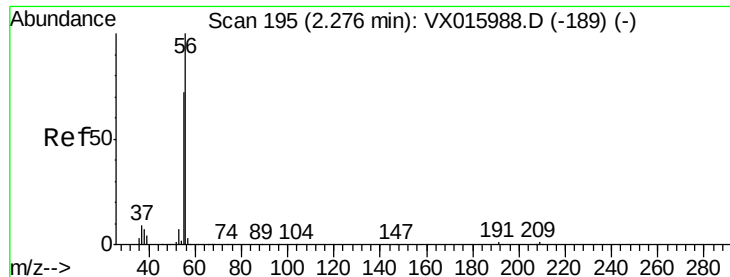
Tot Ion:142 Resp: 68213
Ion Ratio Lower Upper
142 100
127 45.0 22.8 68.4
141 14.7 7.0 21.1



#12
Methyl Acetate
Concen: 19.377 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 98703
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.4





#13

Acrolein

Concen: 75.385 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

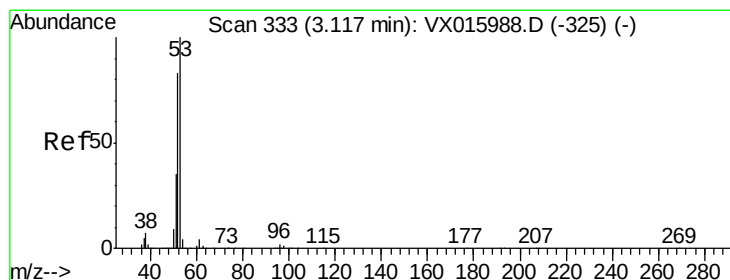
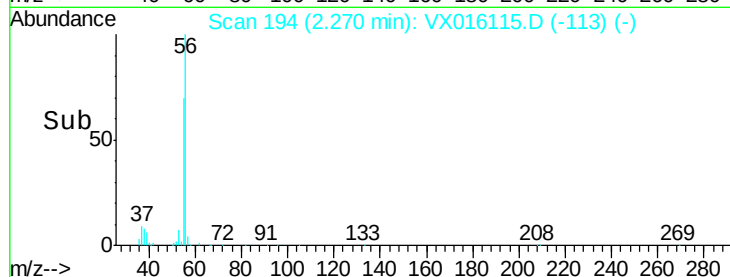
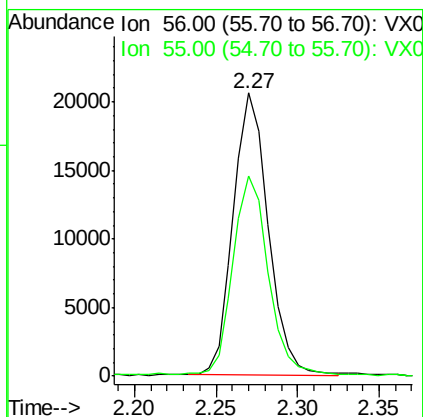
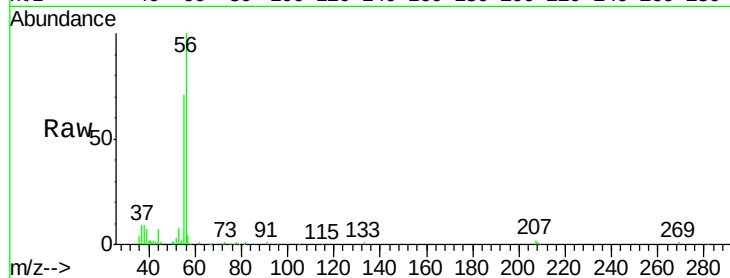
VX0508WBS02

Tot Ion: 56 Resp: 30783

Ion Ratio Lower Upper

56 100

55 71.3 56.2 84.4



#14

Acrylonitrile

Concen: 96.520 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

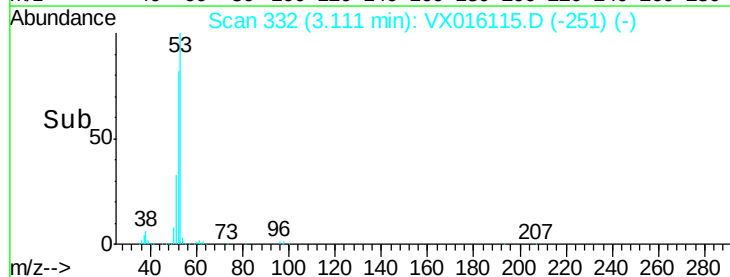
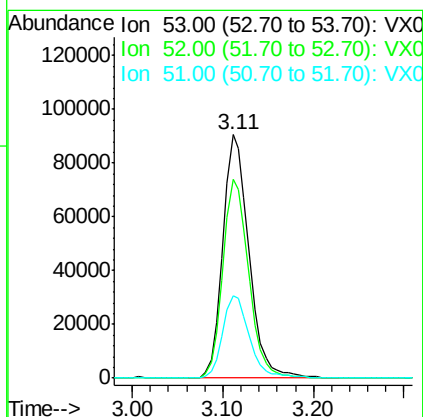
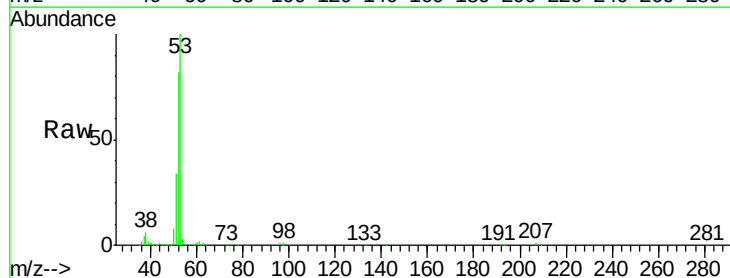
Tgt Ion: 53 Resp: 181603

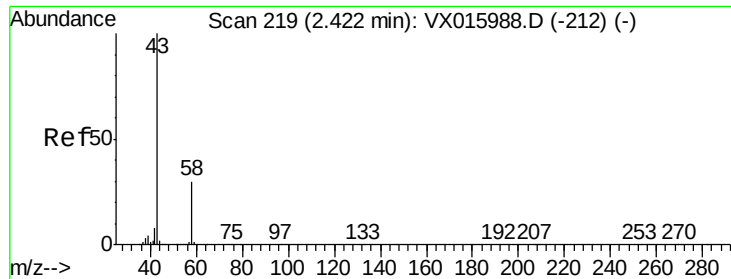
Ion Ratio Lower Upper

53 100

52 80.7 41.2 123.6

51 34.9 17.8 53.5





#15

Acetone

Concen: 98.990 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

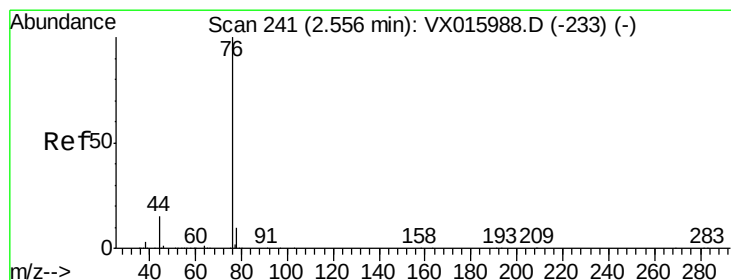
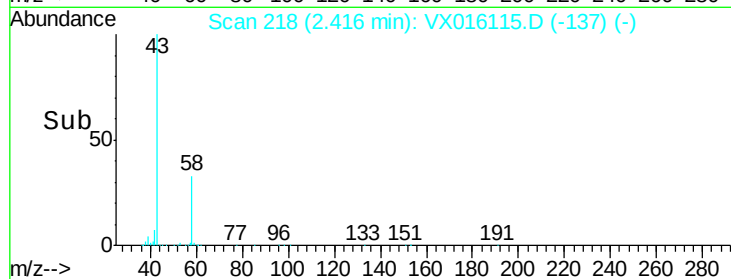
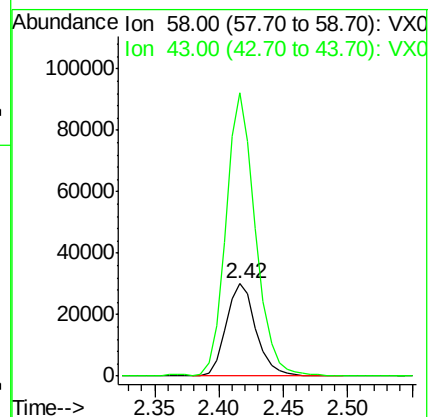
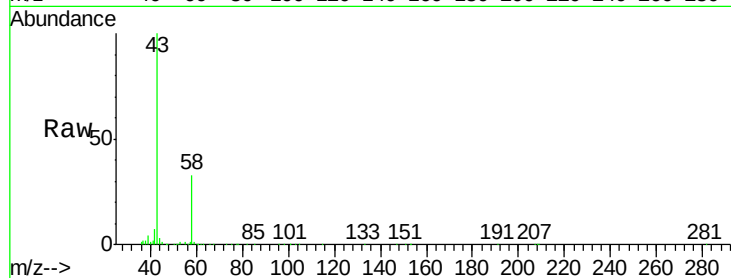
VX0508WBS02

Tot Ion: 58 Resp: 49291

Ion Ratio Lower Upper

58 100

43 304.7 264.2 396.2



#16

Carbon Disulfide

Concen: 18.861 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016115.D

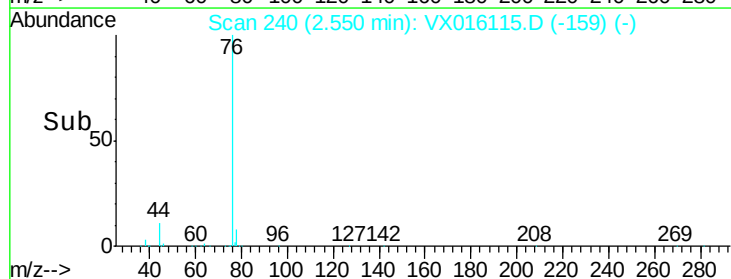
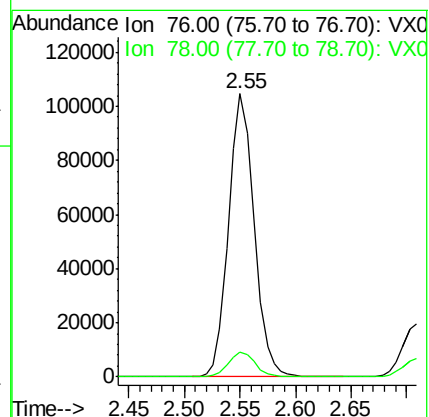
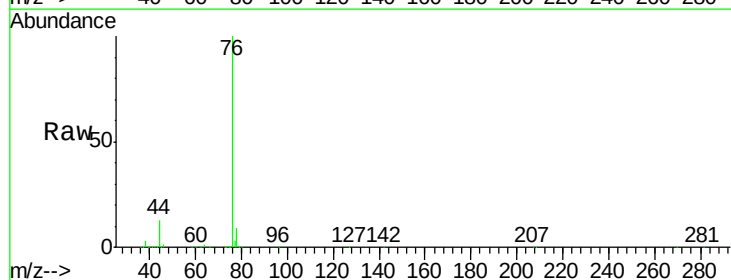
Acq: 08 May 2020 12:56

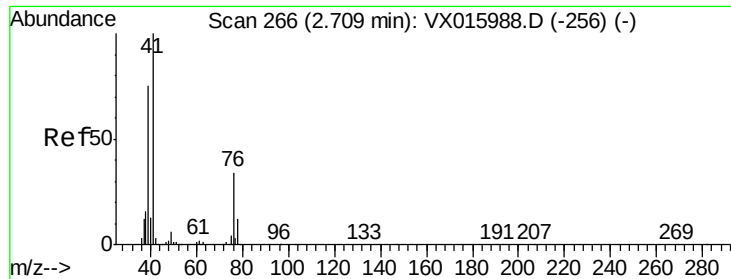
Tgt Ion: 76 Resp: 167398

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

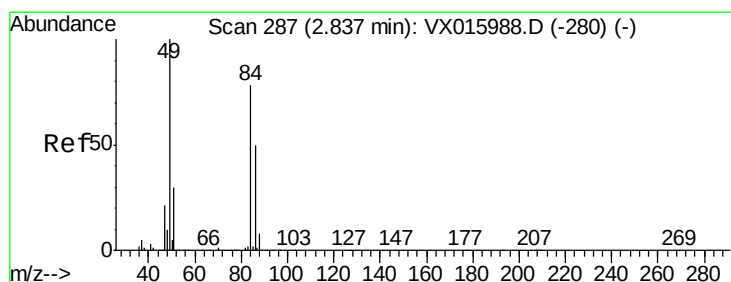
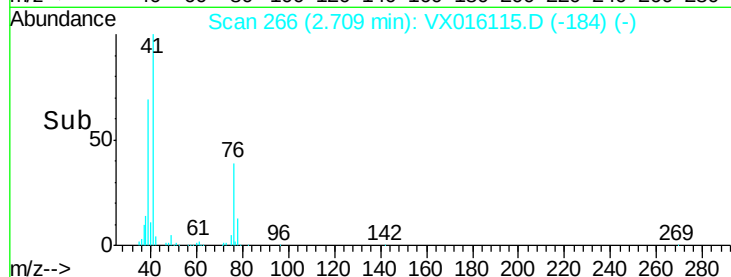
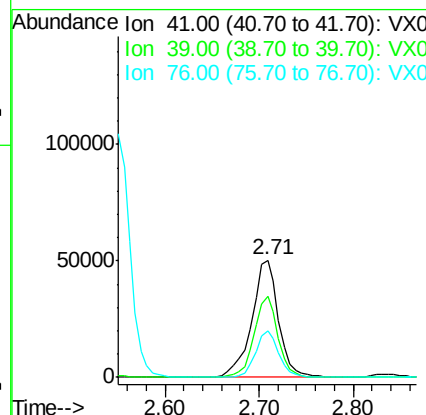
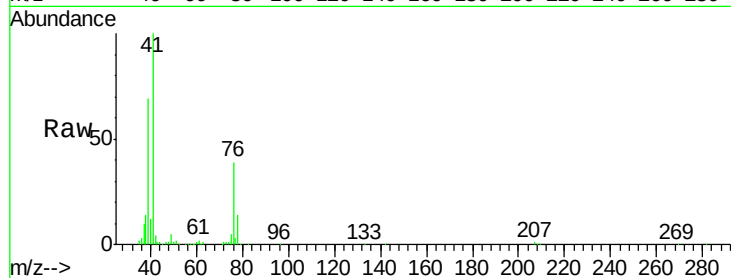




#17
Allvl chloride
Concen: 18.535 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

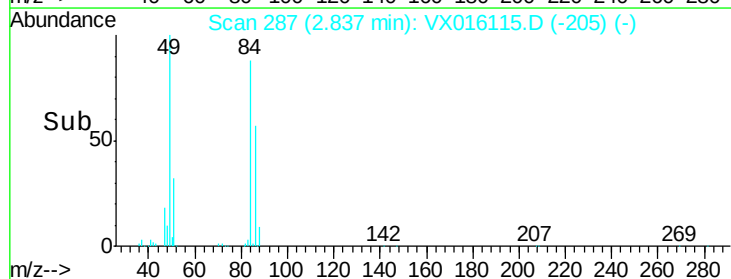
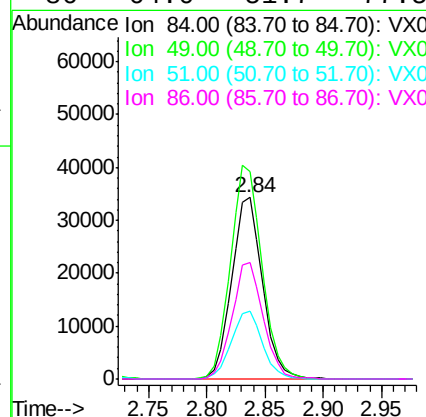
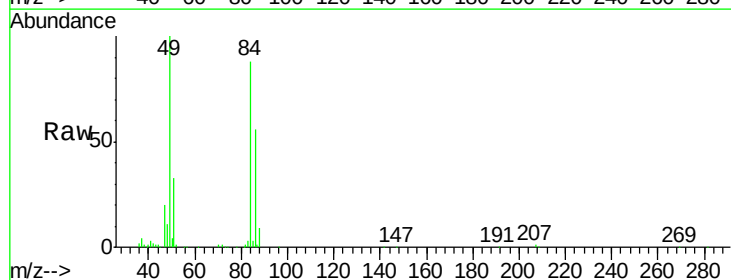
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

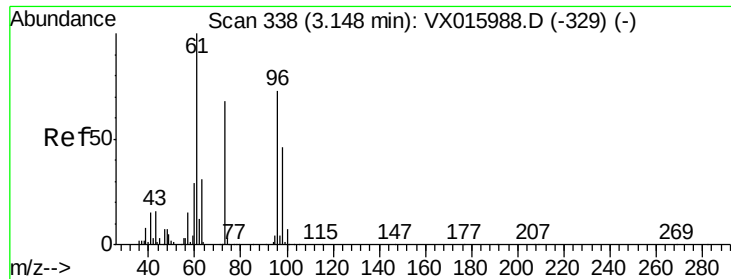
Tot Ion: 41 Resp: 100311
Ion Ratio Lower Upper
41 100
39 68.8 37.6 112.8
76 39.0 17.2 51.5



#18
Methylene Chloride
Concen: 19.328 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 84 Resp: 63169
Ion Ratio Lower Upper
84 100
49 113.9 103.0 154.4
51 37.1 31.4 47.0
86 64.0 51.7 77.5

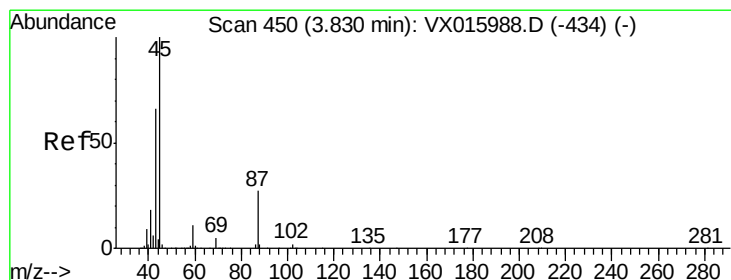
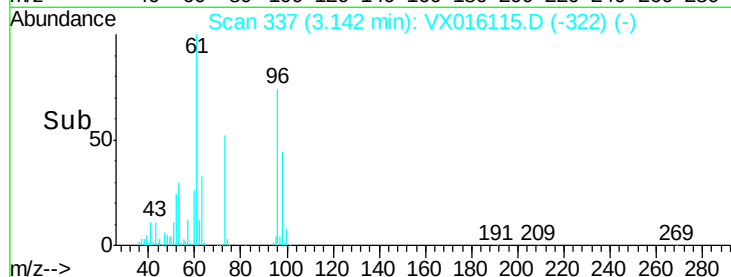
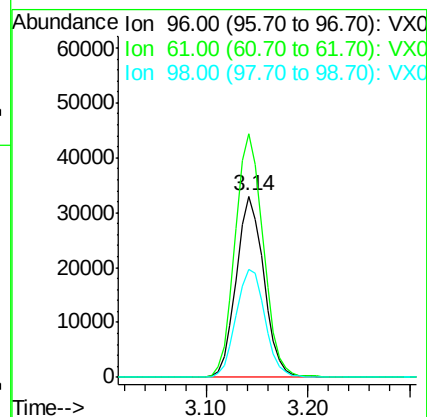
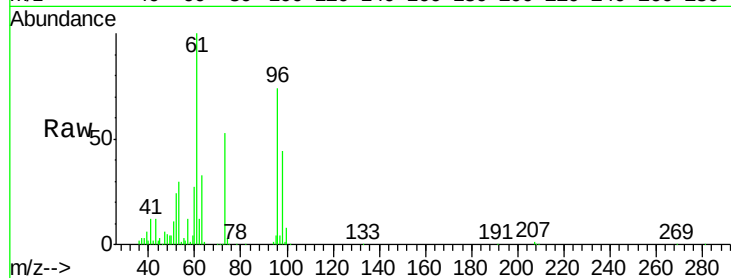




#19
trans-1,2-Dichloroethene
Concen: 19.389 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

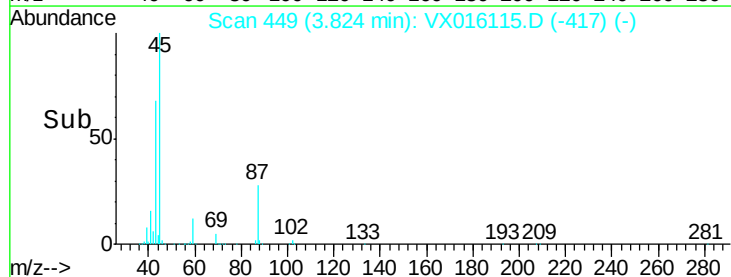
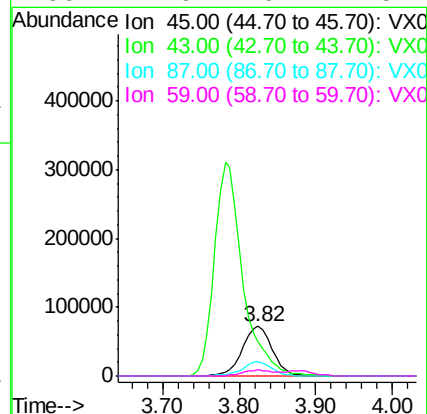
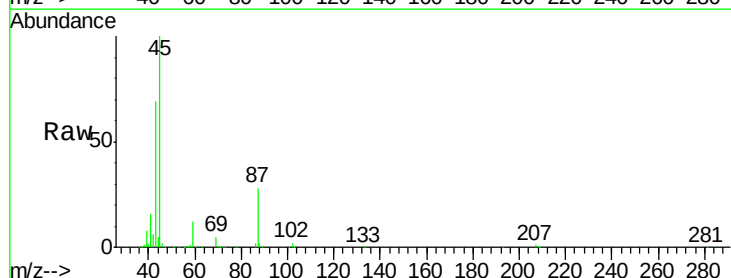
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

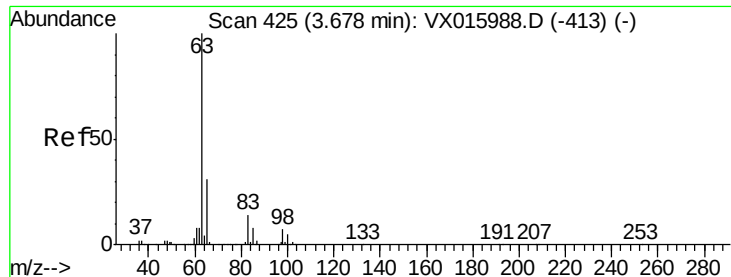
Tot Ion: 96 Resp: 61869
Ion Ratio Lower Upper
96 100
61 134.4 109.0 163.4
98 59.3 50.0 75.0



#20
Diisopropyl ether
Concen: 18.789 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 45 Resp: 196061
Ion Ratio Lower Upper
45 100
43 67.9 53.0 79.4
87 27.8 21.9 32.9
59 11.9 9.1 13.7





#21

1,1-Dichloroethane

Concen: 18.955 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

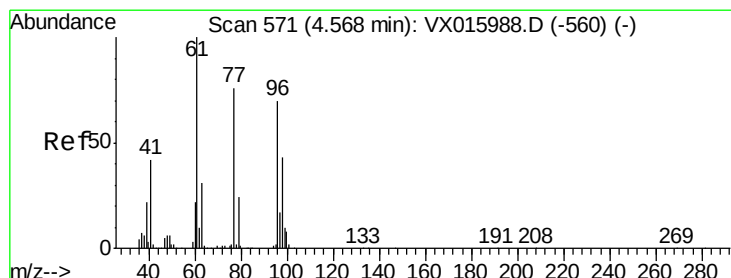
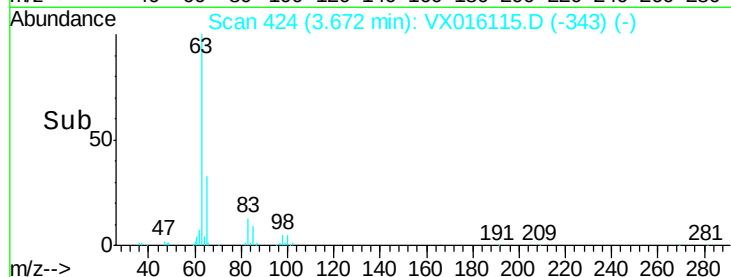
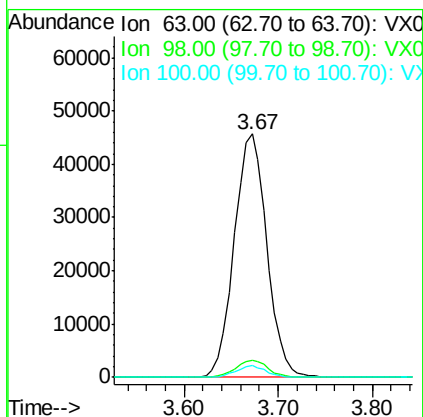
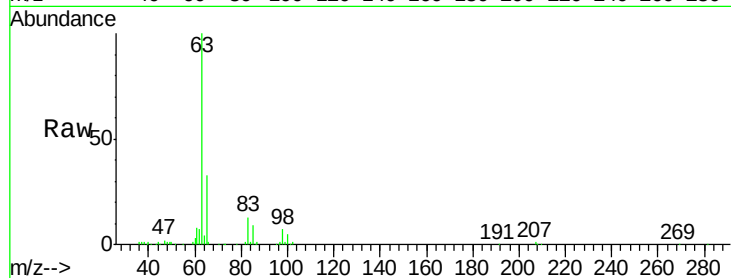
Tot Ion: 63 Resp: 110288

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 5.1 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 18.787 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

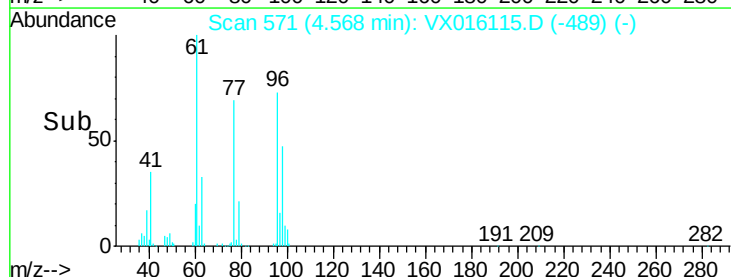
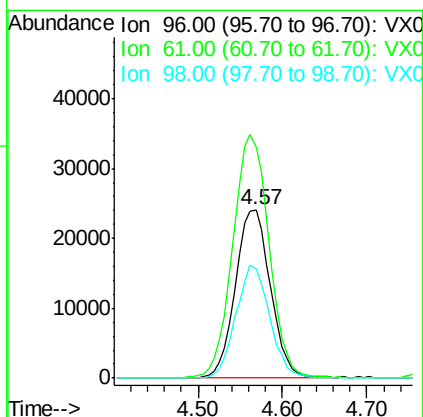
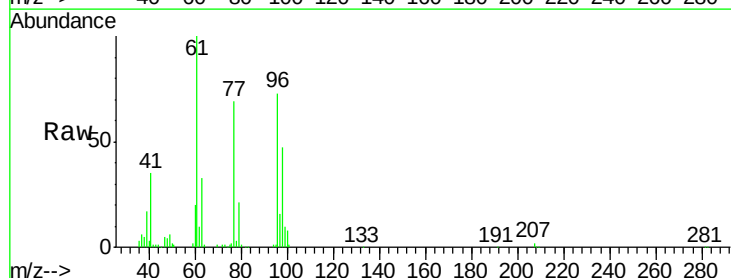
Tgt Ion: 96 Resp: 68030

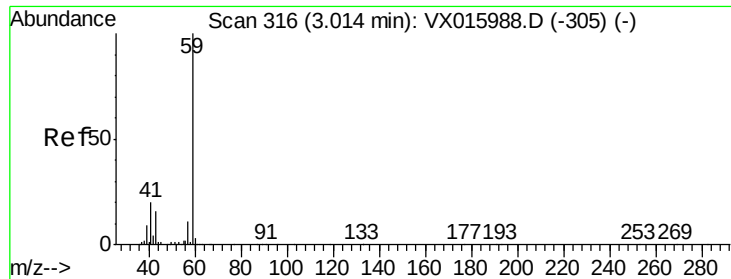
Ion Ratio Lower Upper

96 100

61 149.2 121.6 182.4

98 64.2 51.9 77.9

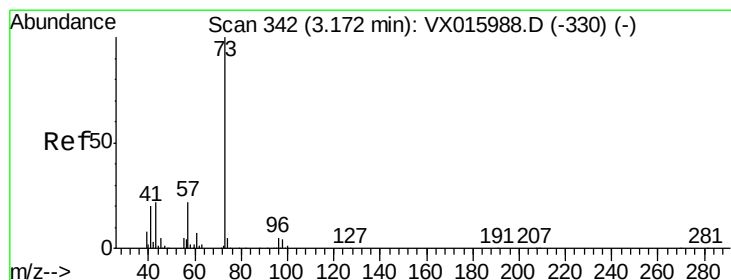
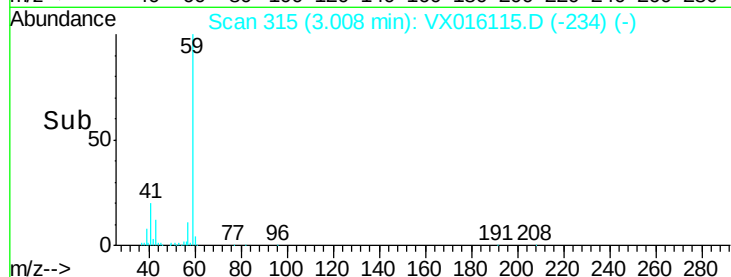
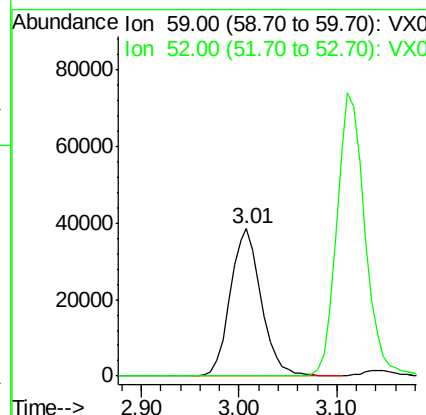
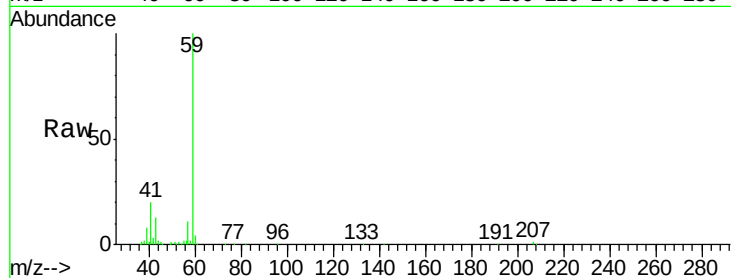




#23
tert-Butyl Alcohol
Concen: 91.537 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

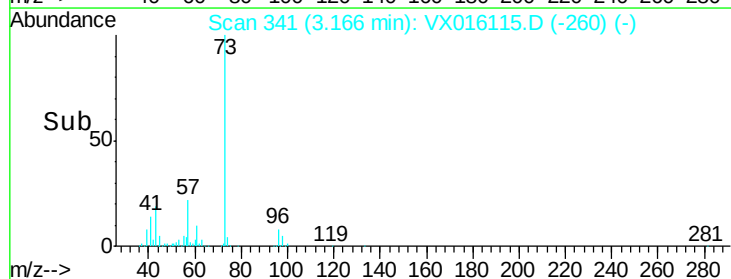
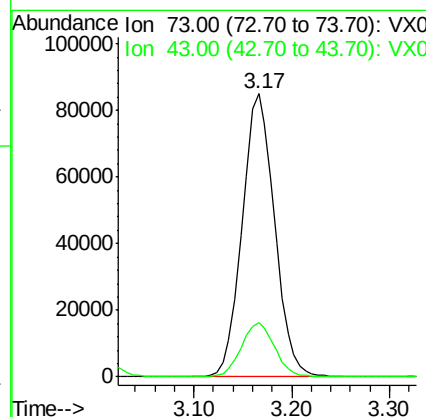
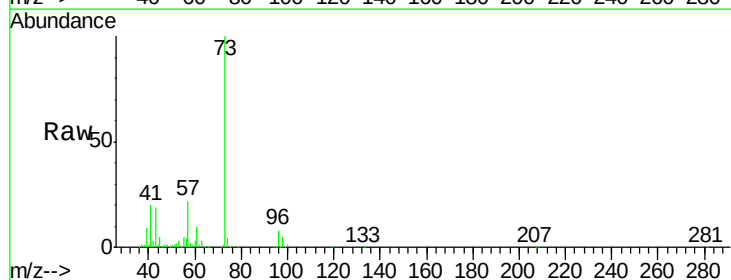
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

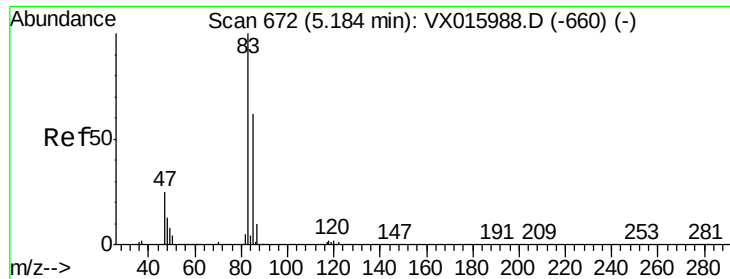
Tot Ion: 59 Resp: 84307
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.594 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 73 Resp: 194811
Ion Ratio Lower Upper
73 100
43 19.4 17.8 26.6

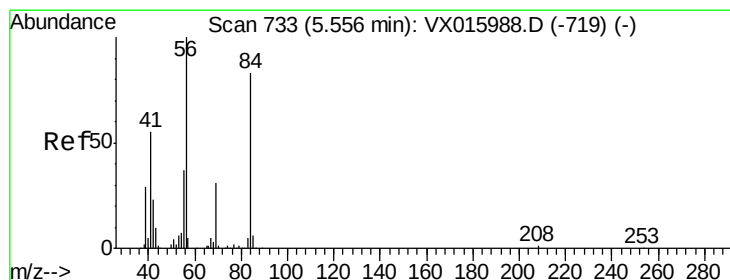
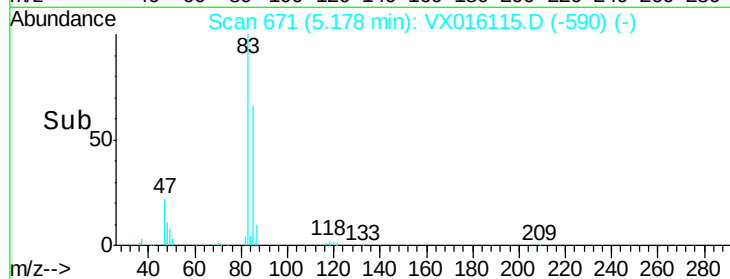
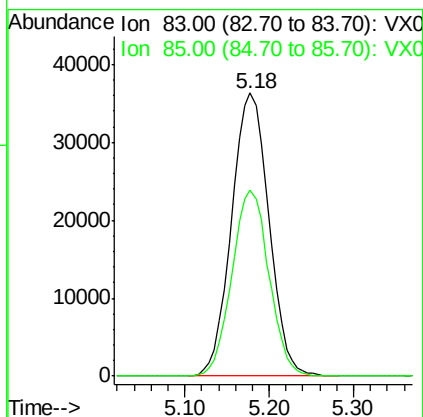
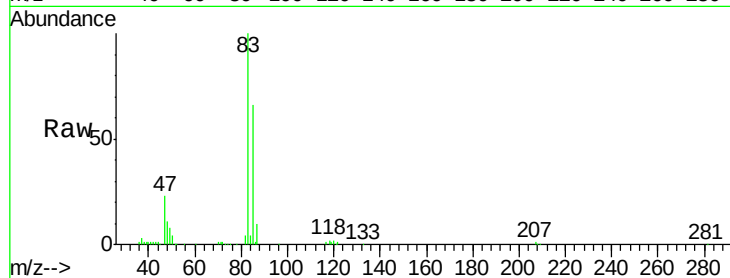




#25
Chloroform
Concen: 18.479 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

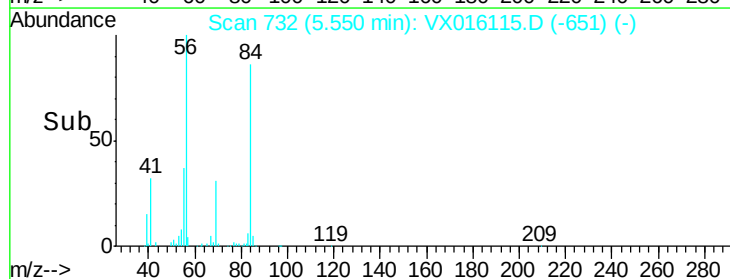
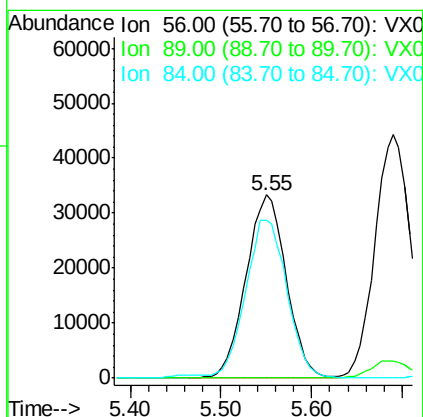
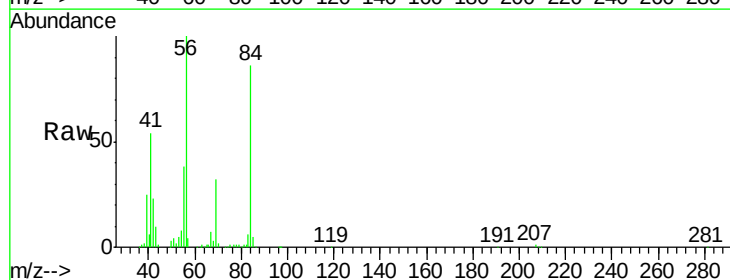
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

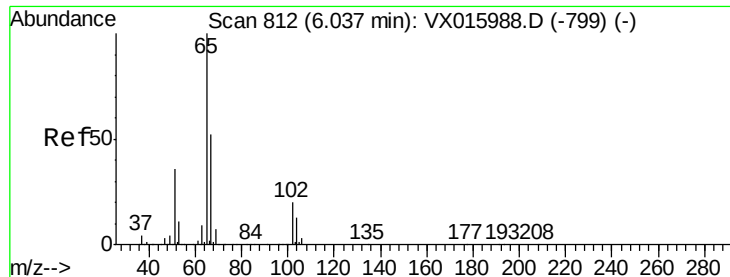
Tot Ion: 83 Resp: 109201
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4



#26
Cyclohexane
Concen: 19.257 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 56 Resp: 102459
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.3 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 28.755 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

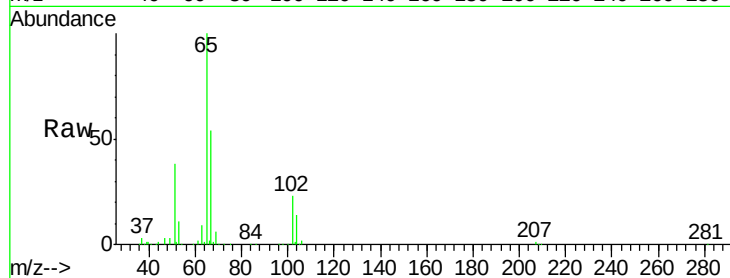
VX0508WBS02

Tot Ion: 65 Resp: 112672

Ion Ratio Lower Upper

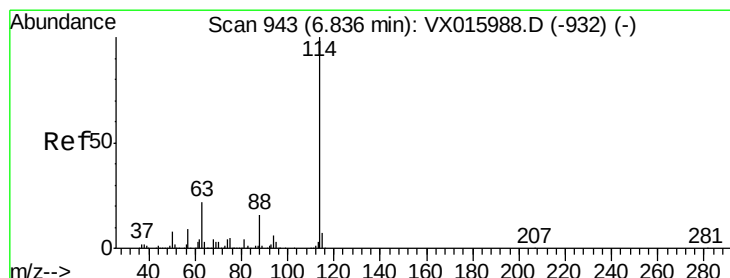
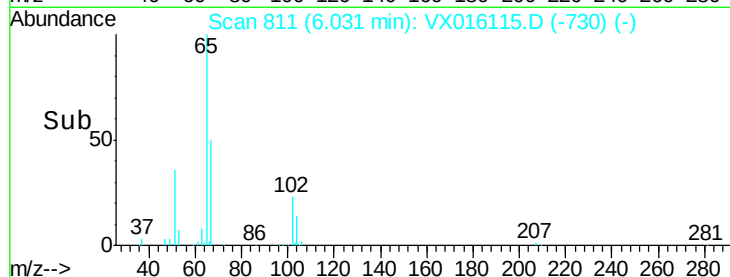
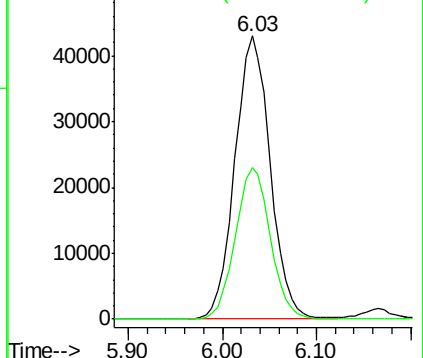
65 100

67 52.9 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

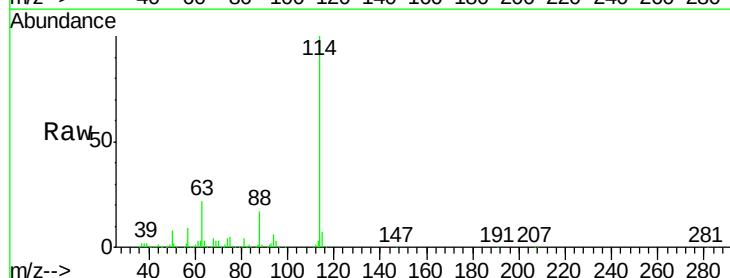
Tgt Ion: 114 Resp: 288532

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

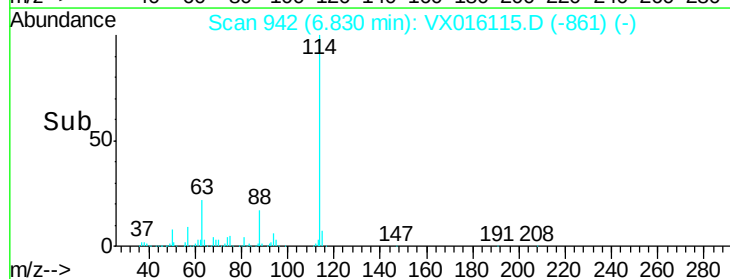
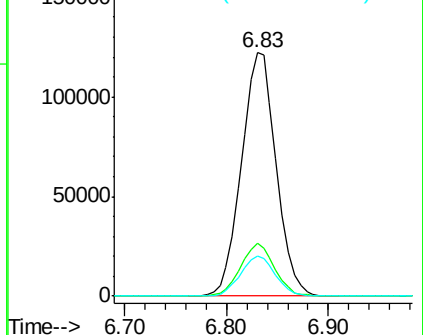
88 16.4 13.0 19.4

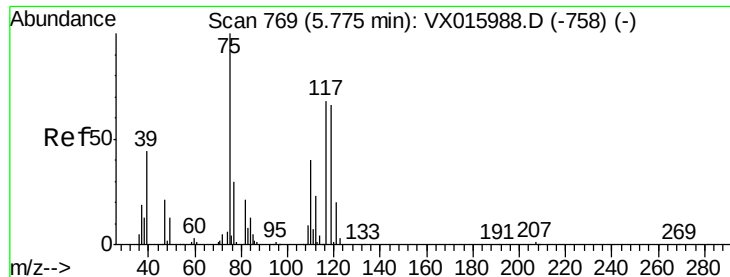


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.603 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

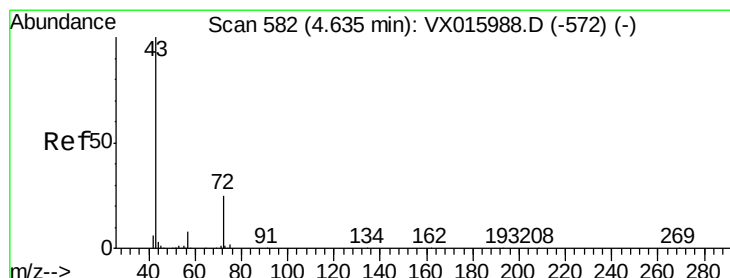
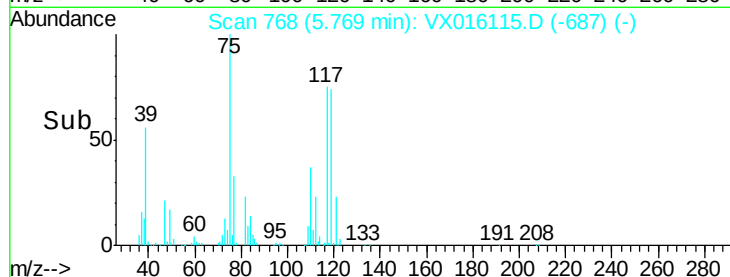
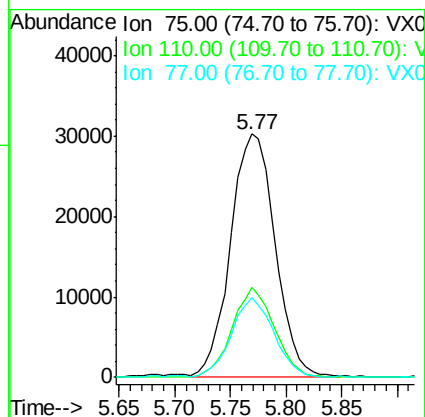
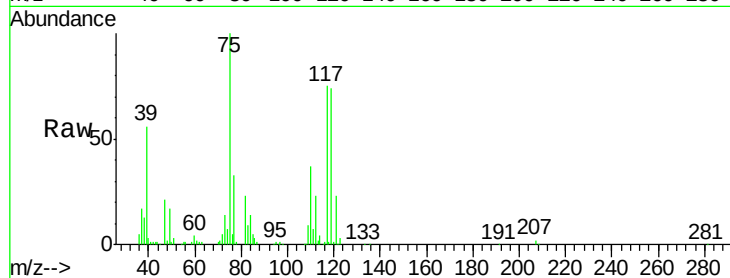
Tot Ion: 75 Resp: 84419

Ion Ratio Lower Upper

75 100

110 34.9 0.0 71.0

77 31.2 0.0 64.2



#30

2-Butanone

Concen: 90.977 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

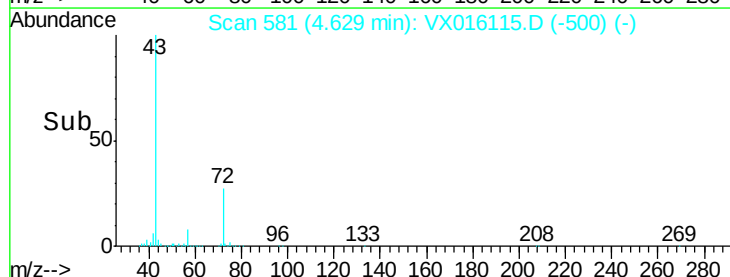
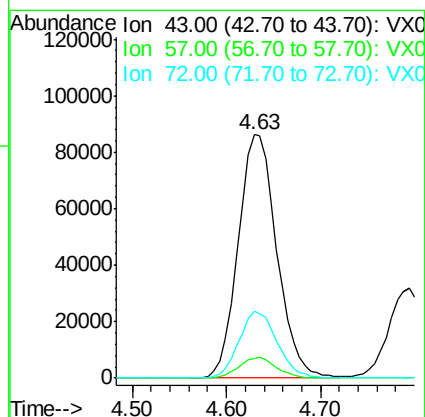
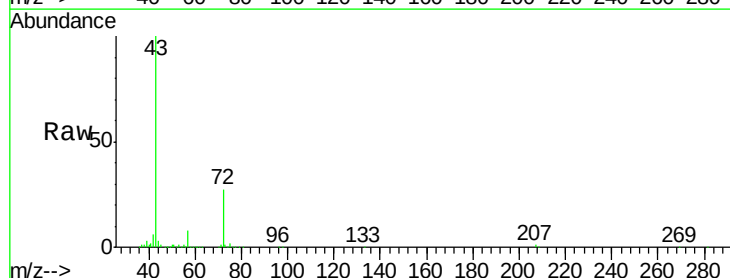
Tgt Ion: 43 Resp: 246000

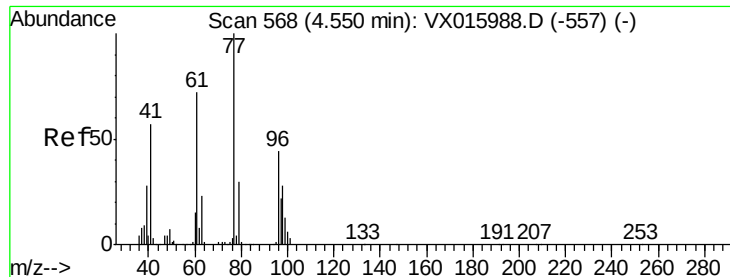
Ion Ratio Lower Upper

43 100

57 8.3 6.3 9.5

72 27.4 20.8 31.2





#31

2,2-Dichloropropane

Concen: 18.224 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

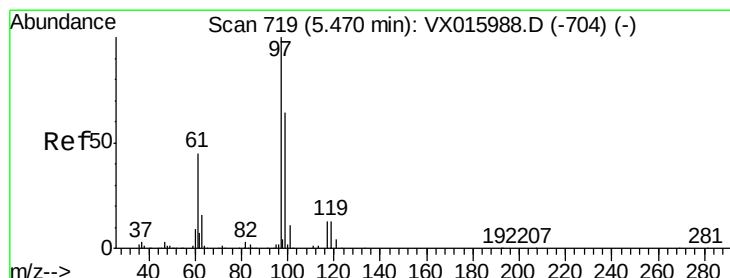
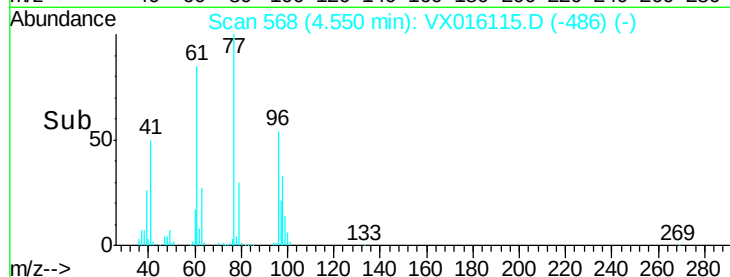
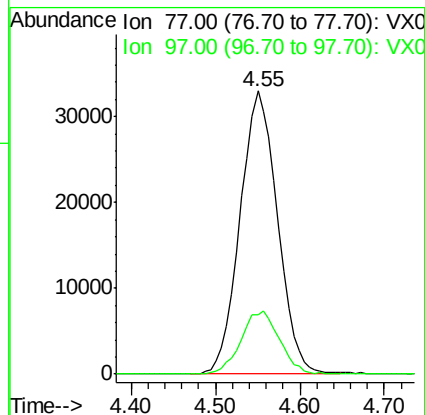
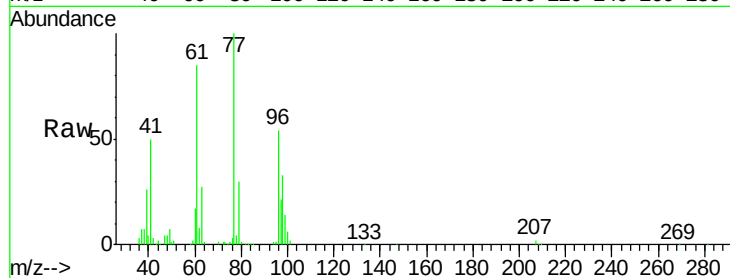
VX0508WBS02

Tot Ion: 77 Resp: 99525

Ion Ratio Lower Upper

77 100

97 22.7 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 18.163 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

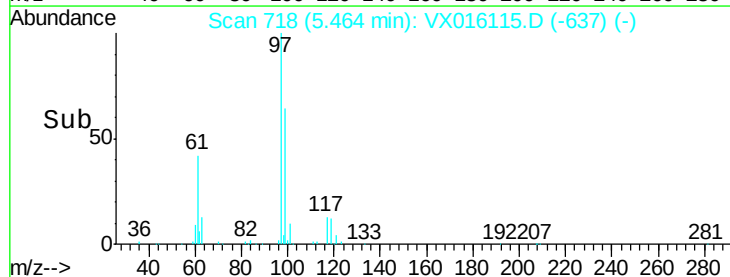
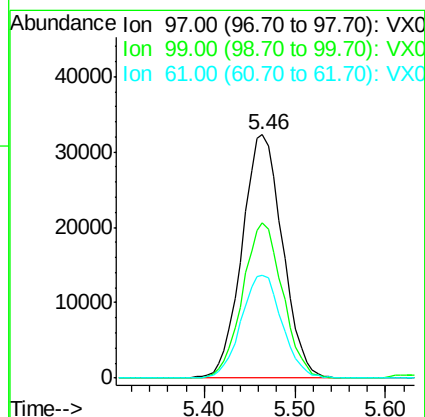
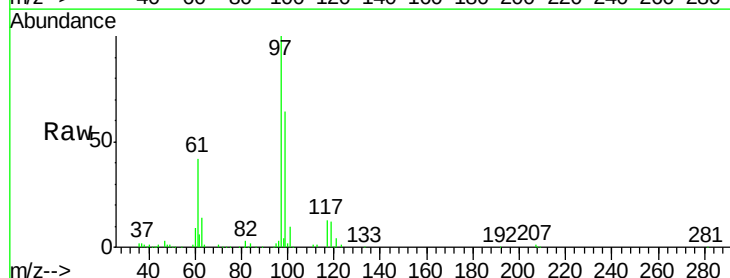
Tgt Ion: 97 Resp: 99987

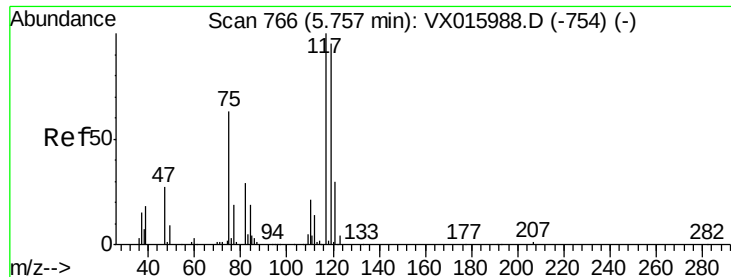
Ion Ratio Lower Upper

97 100

99 62.9 50.7 76.1

61 42.6 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.782 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

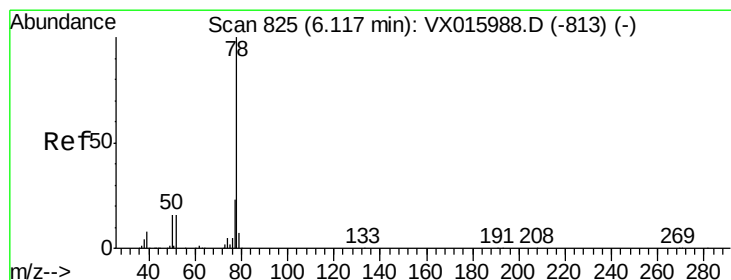
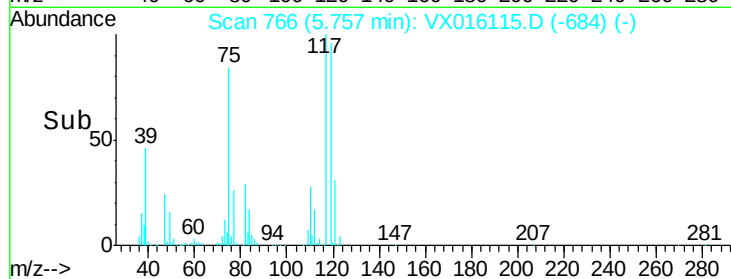
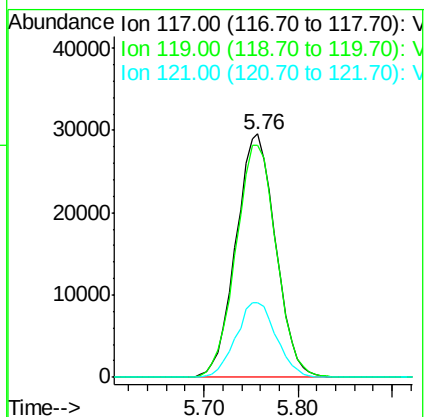
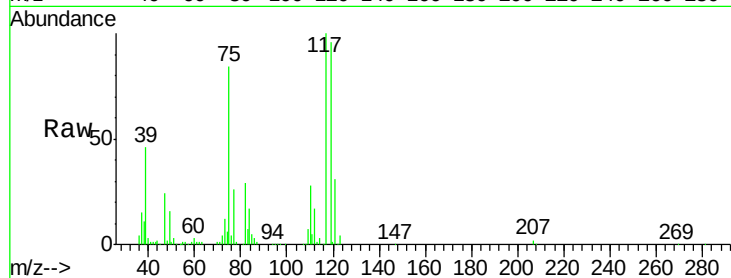
Tot Ion:117 Resp: 87158

Ion Ratio Lower Upper

117 100

119 95.6 76.3 114.5

121 30.9 24.2 36.4



#34

Benzene

Concen: 19.023 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

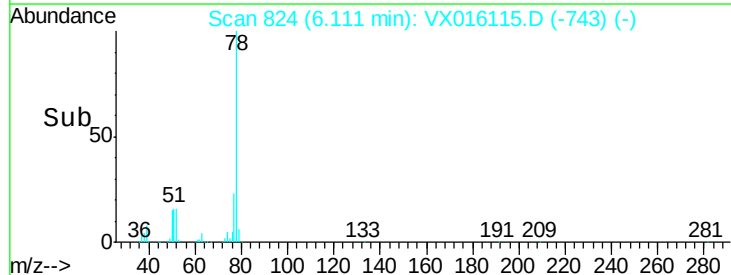
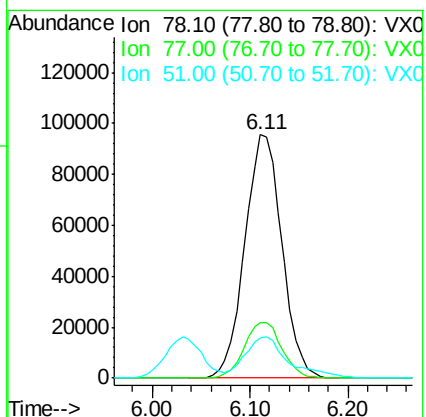
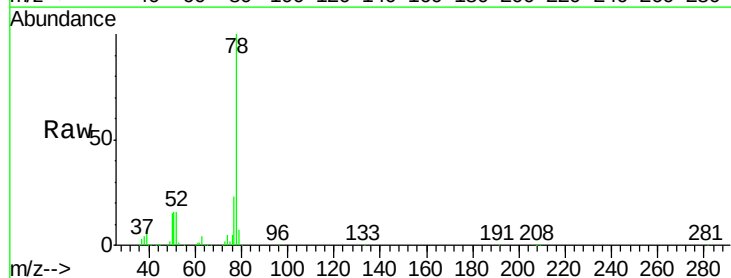
Tgt Ion: 78 Resp: 252146

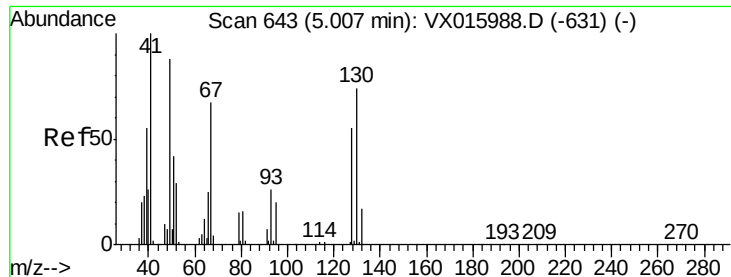
Ion Ratio Lower Upper

78 100

77 23.0 18.7 28.1

51 15.3 12.7 19.1

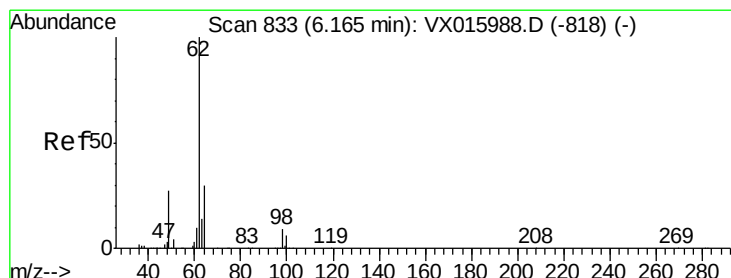
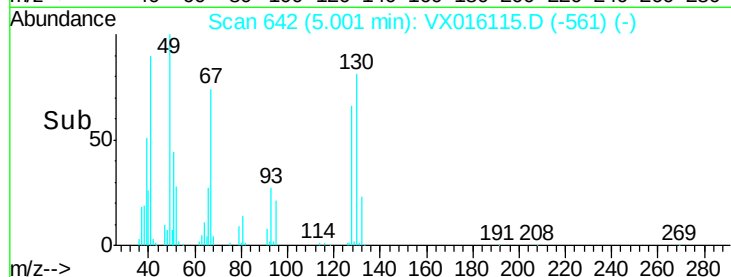
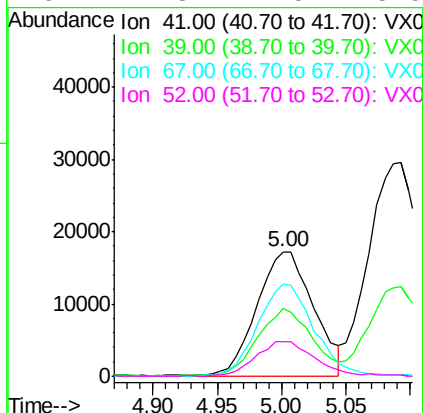
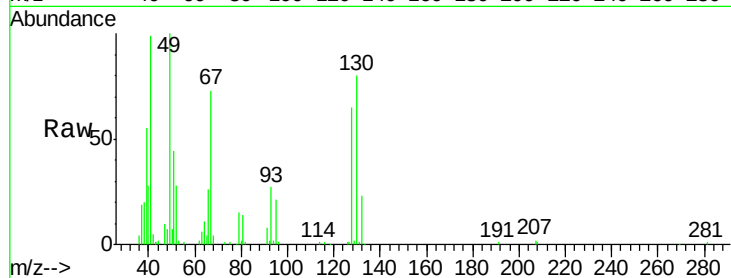




#35
Methacrylonitrile
Concen: 18.128 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

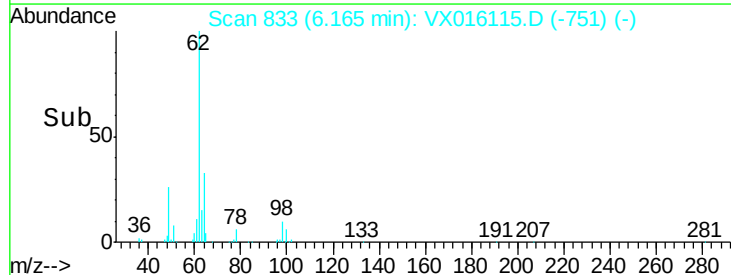
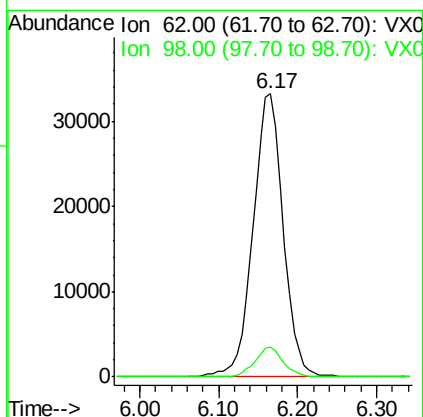
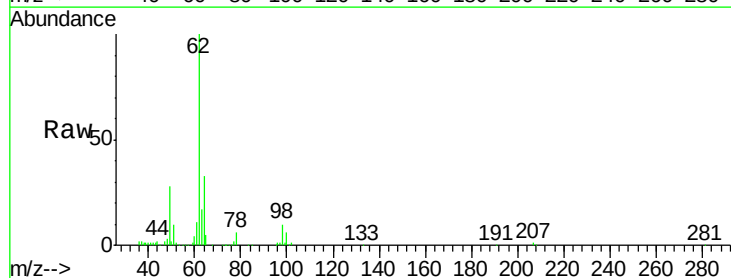
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

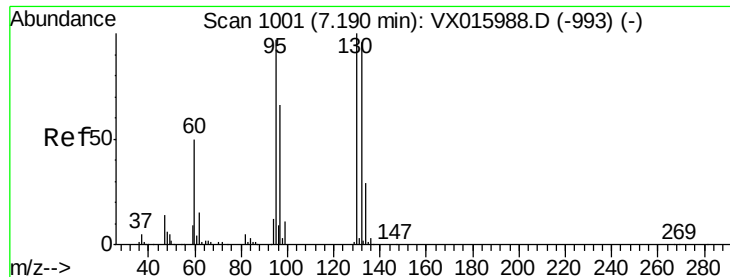
Tot Ion:	41	Resp:	52055
Ion	Ratio	Lower	Upper
41	100		
39	54.6	27.5	82.4
67	73.9	33.6	100.6
52	27.8	14.5	43.5



#36
1,2-Dichloroethane
Concen: 17.395 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion:	62	Resp:	88051
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.2

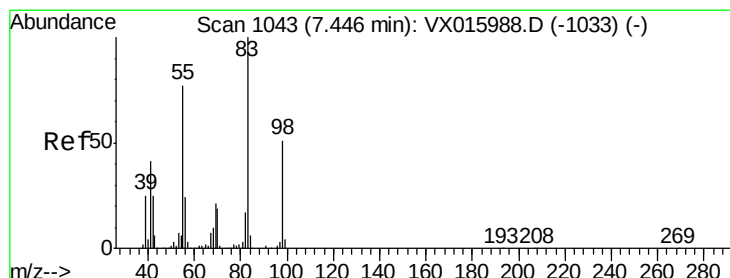
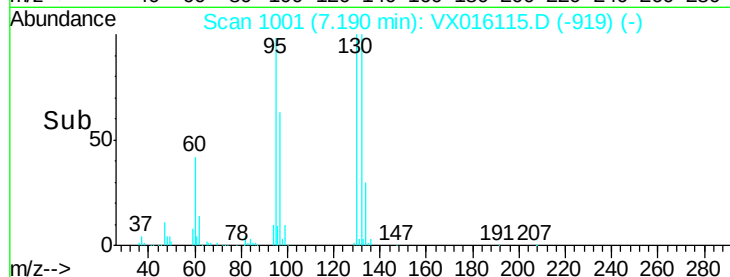
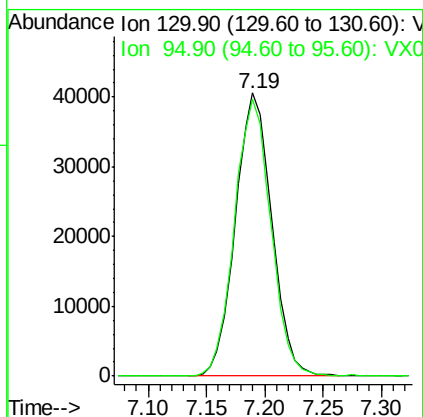
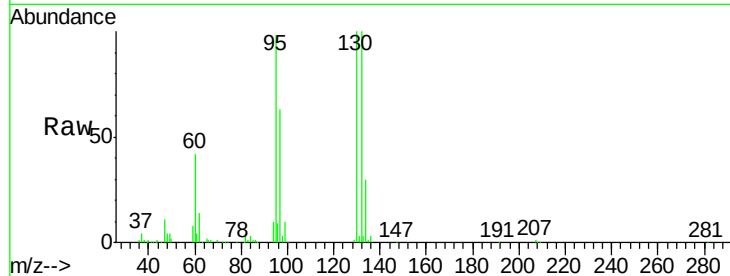




#37
 Trichloroethene
 Concen: 18.787 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

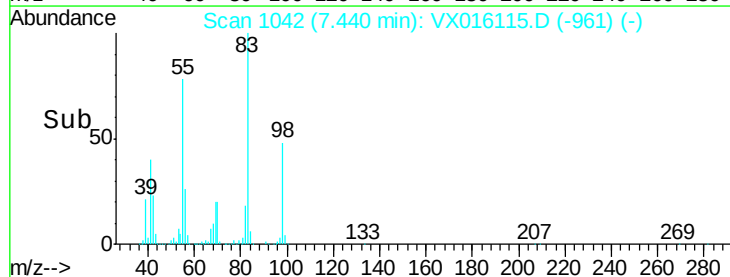
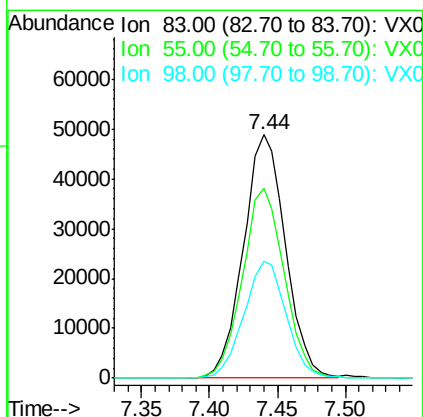
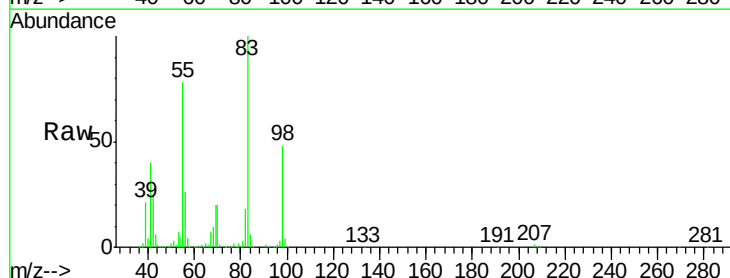
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

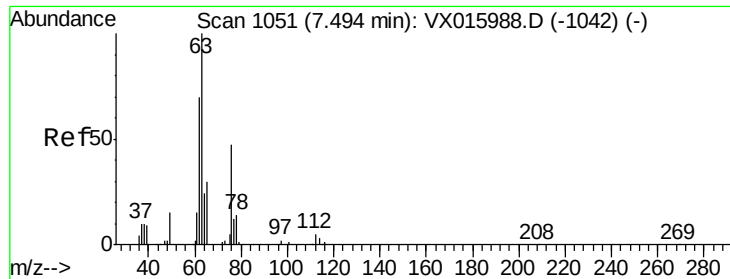
Tot Ion:130 Resp: 88585
 Ion Ratio Lower Upper
 130 100
 95 97.8 77.8 116.8



#38
 Methylcyclohexane
 Concen: 19.089 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion: 83 Resp: 105860
 Ion Ratio Lower Upper
 83 100
 55 77.5 38.8 116.4
 98 48.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.106 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

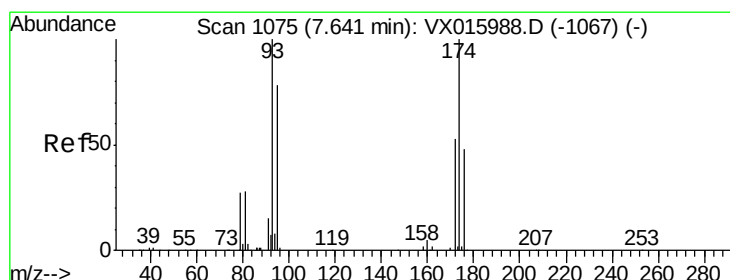
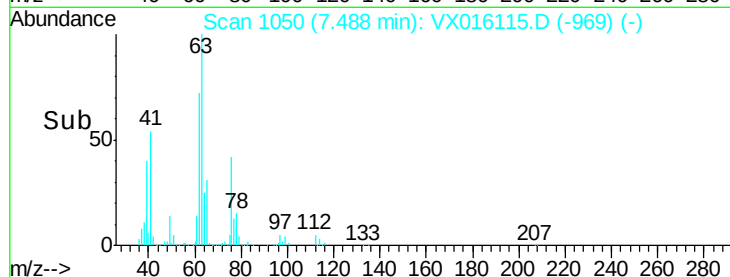
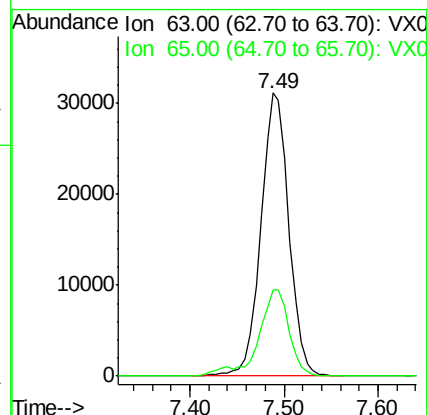
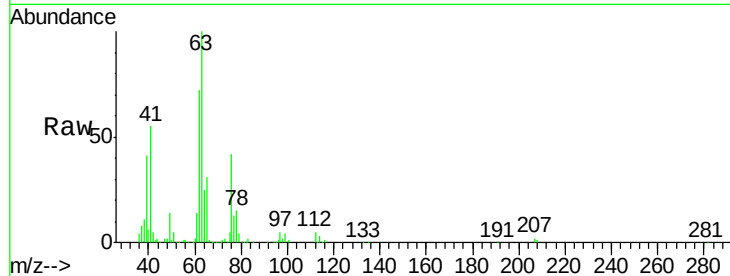
VX0508WBS02

Tot Ion: 63 Resp: 65007

Ion Ratio Lower Upper

63 100

65 30.7 25.9 38.9



#40

Dibromomethane

Concen: 18.201 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

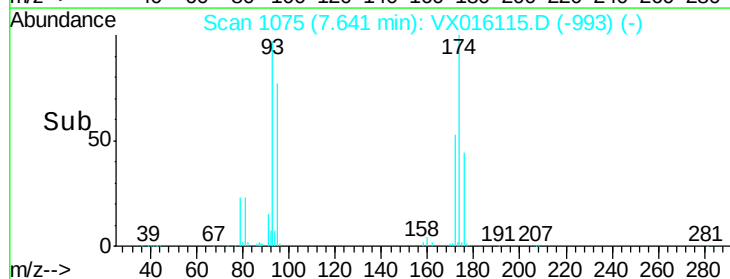
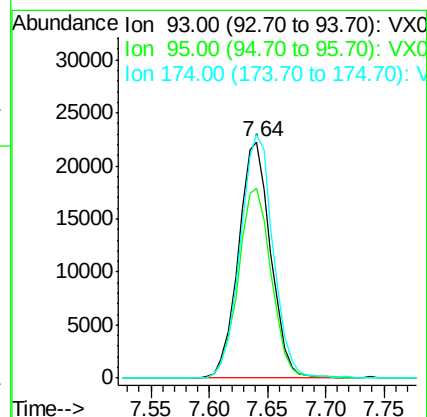
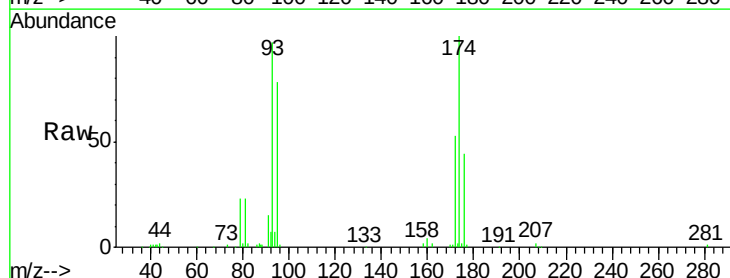
Tgt Ion: 93 Resp: 43003

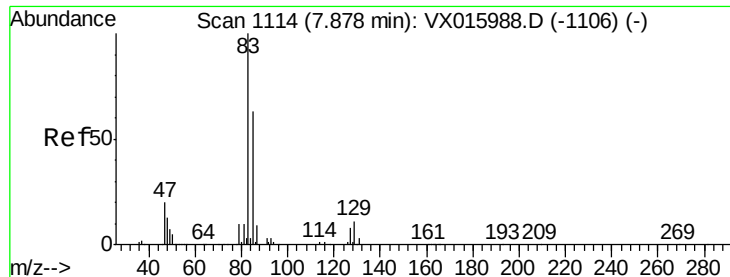
Ion Ratio Lower Upper

93 100

95 81.6 0.0 162.8

174 105.0 0.0 204.0





#41

Bromodichloromethane

Concen: 18.054 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

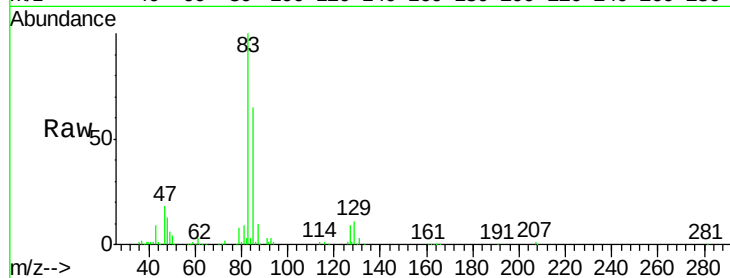
Tot Ion: 83 Resp: 87932

Ion Ratio Lower Upper

83 100

85 64.9 50.4 75.6

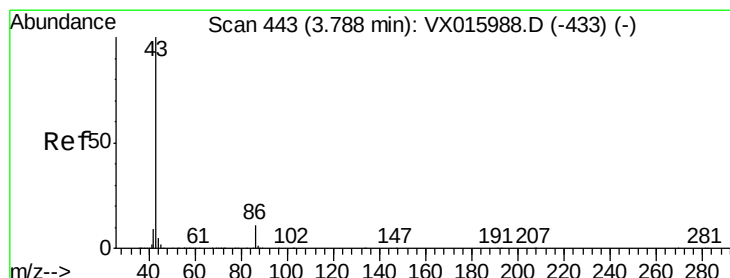
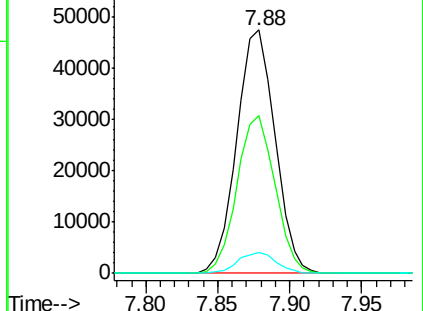
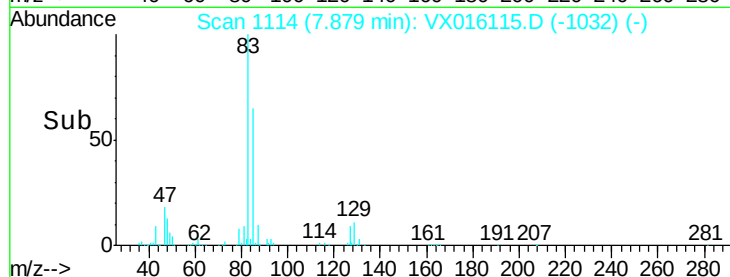
127 8.8 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 89.186 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016115.D

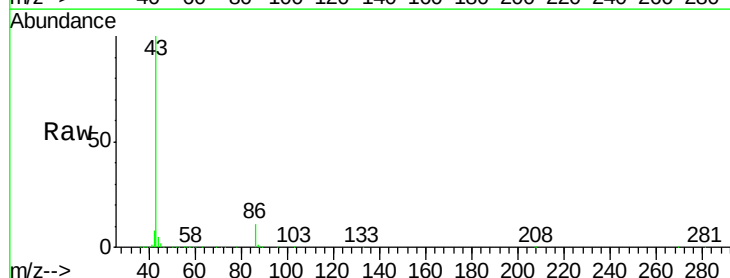
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 797837

Ion Ratio Lower Upper

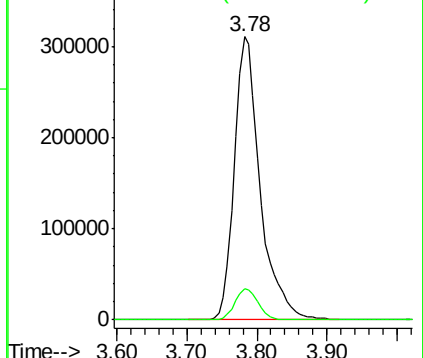
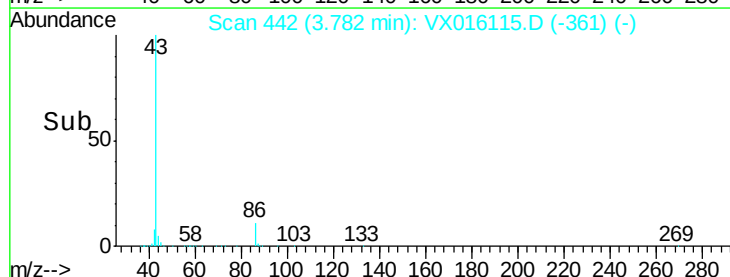
43 100

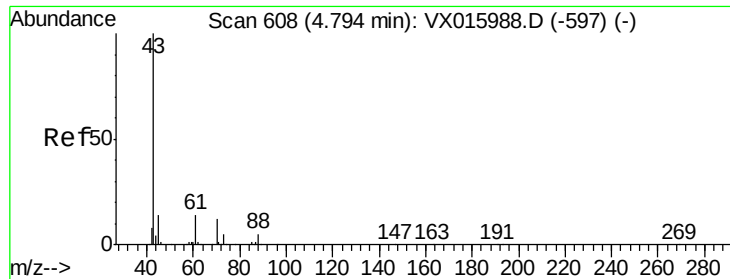
86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

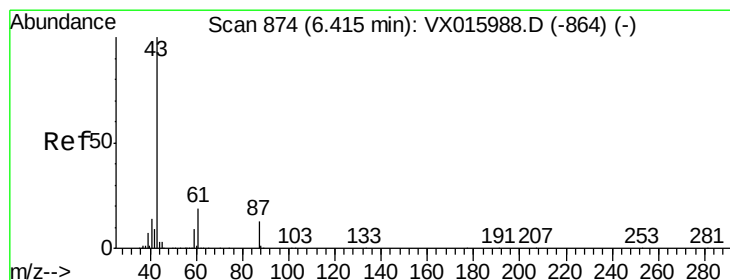
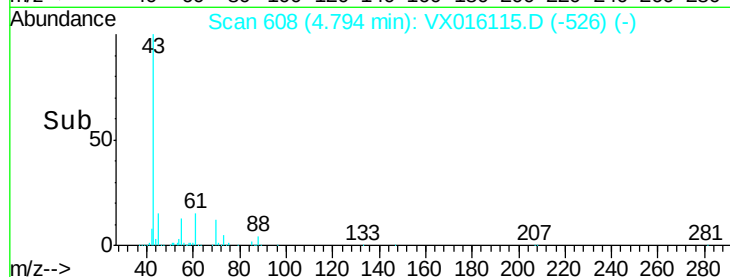
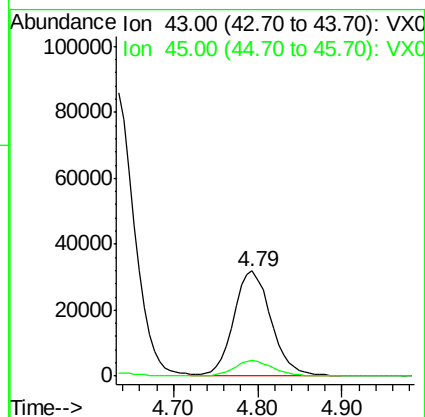
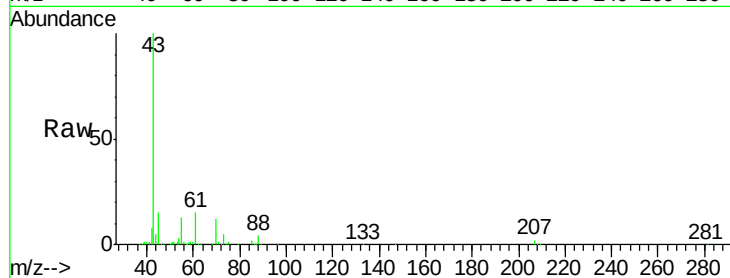




#43
Ethyl Acetate
Concen: 17.936 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

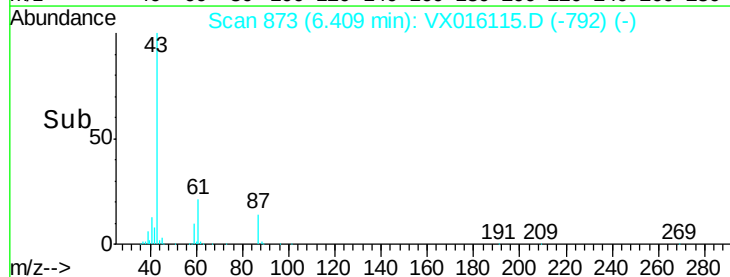
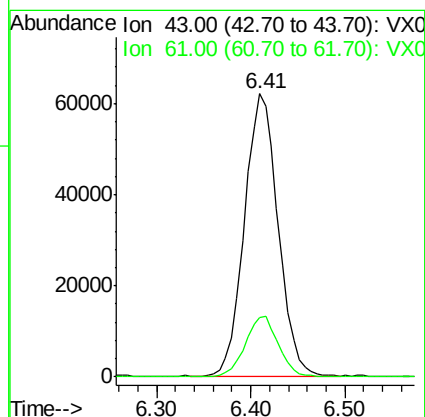
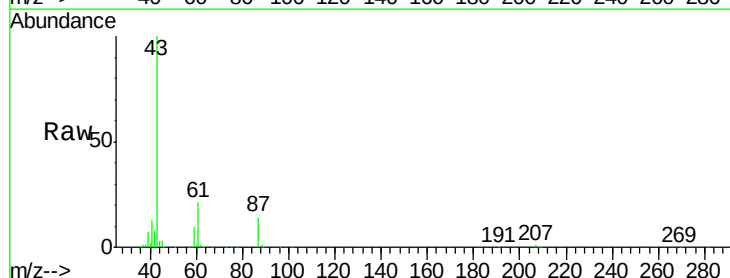
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

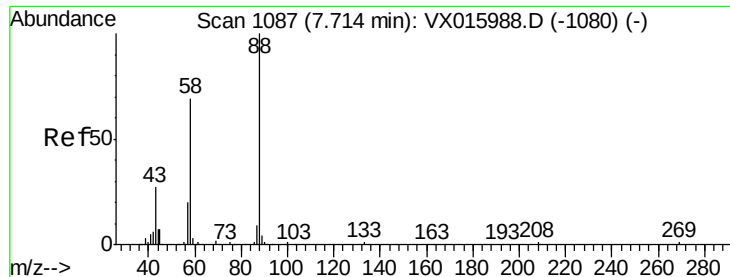
Tot Ion: 43 Resp: 95667
Ion Ratio Lower Upper
43 100
45 15.4 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.002 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 155820
Ion Ratio Lower Upper
43 100
61 21.1 16.1 24.1





#45

1,4-Dioxane

Concen: 368.003 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

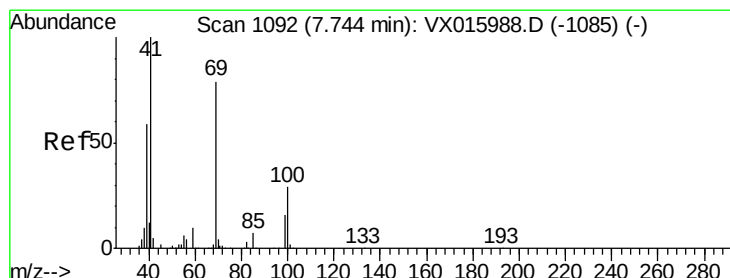
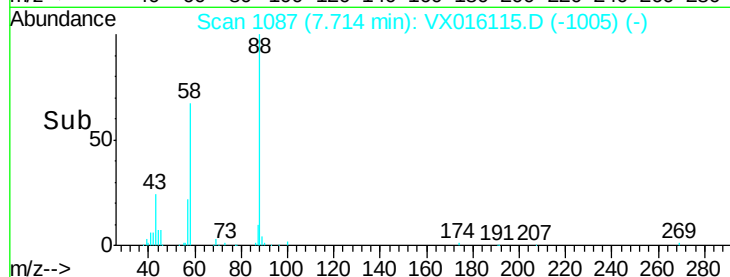
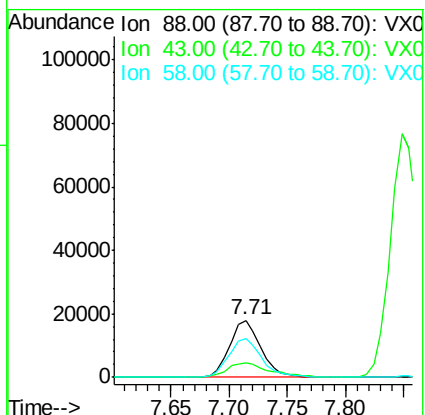
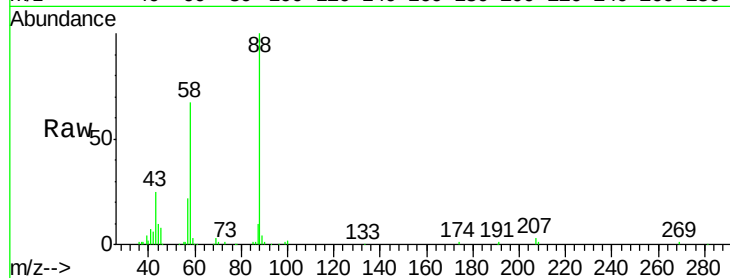
Tot Ion: 88 Resp: 33646

Ion Ratio Lower Upper

88 100

43 31.4 26.3 39.5

58 72.1 57.0 85.6



#46

Methyl methacrylate

Concen: 17.636 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

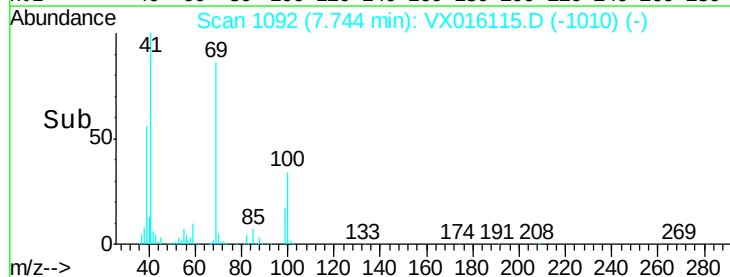
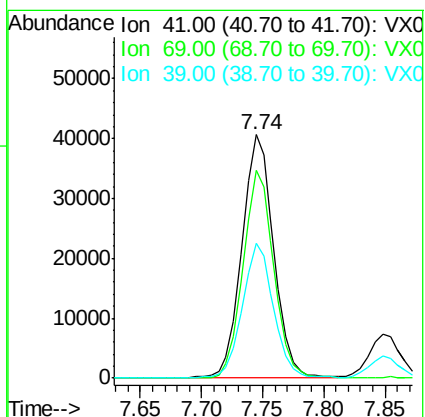
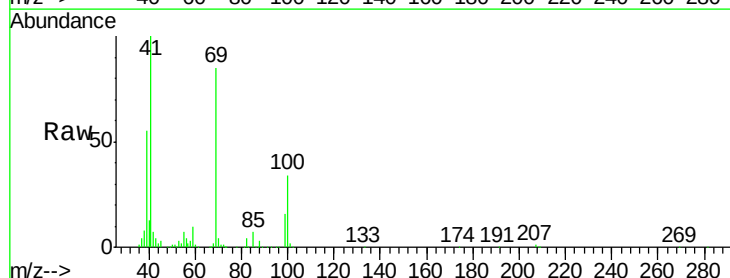
Tgt Ion: 41 Resp: 72369

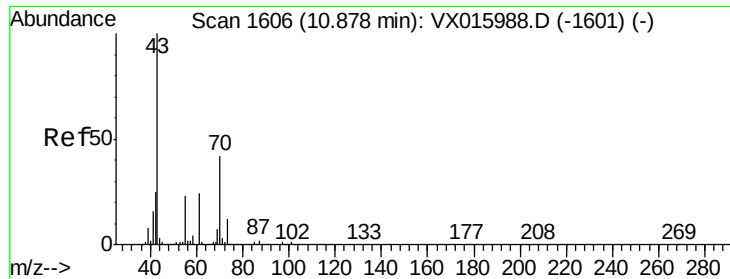
Ion Ratio Lower Upper

41 100

69 85.6 39.5 118.5

39 55.5 29.6 88.9





#47

n-amvl Acetate

Concen: 16.765 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

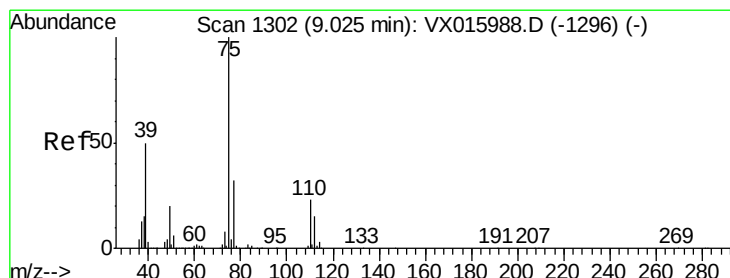
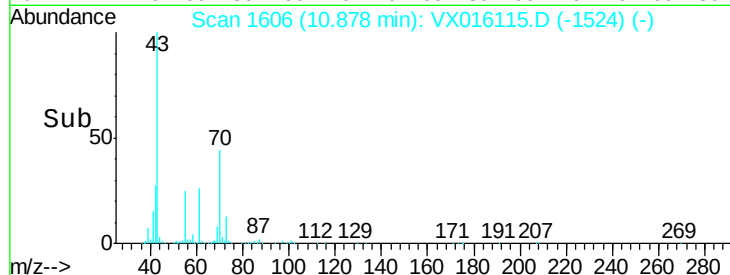
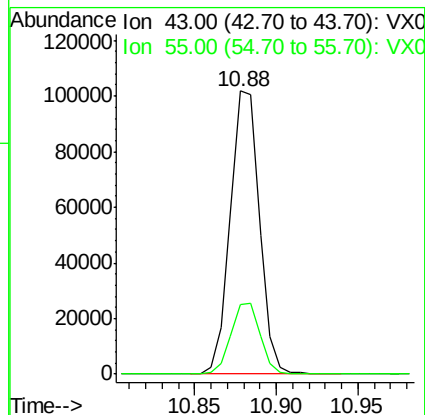
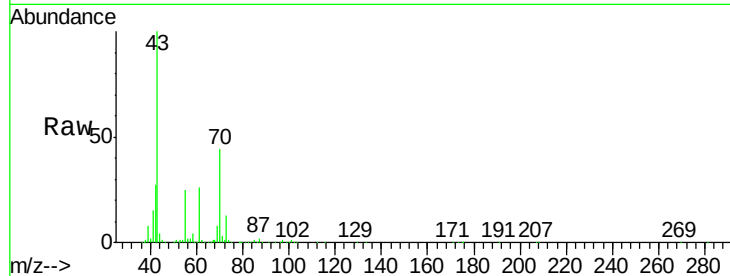
VX0508WBS02

Tot Ion: 43 Resp: 126888

Ion Ratio Lower Upper

43 100

55 25.3 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.139 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016115.D

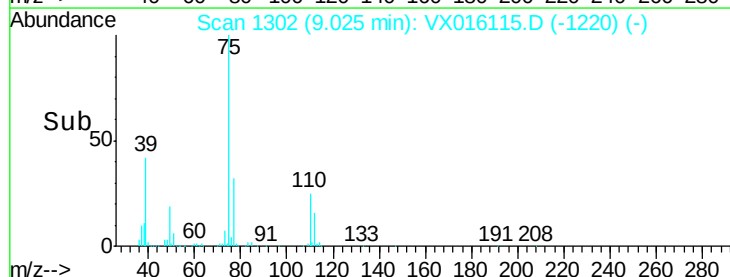
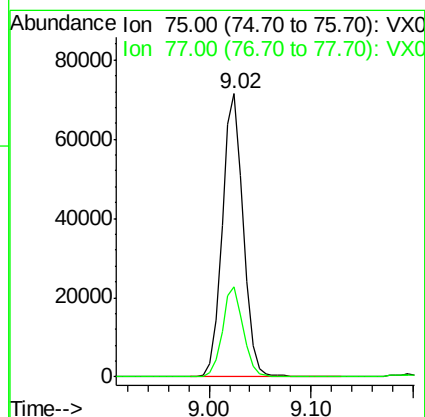
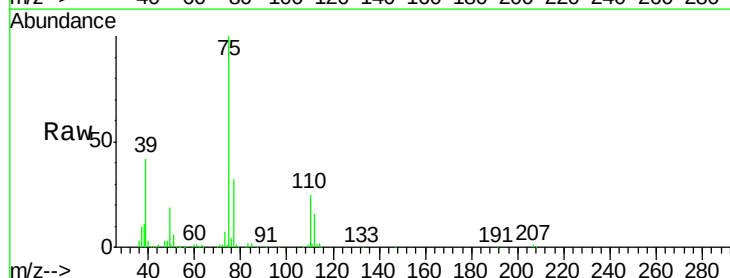
Acq: 08 May 2020 12:56

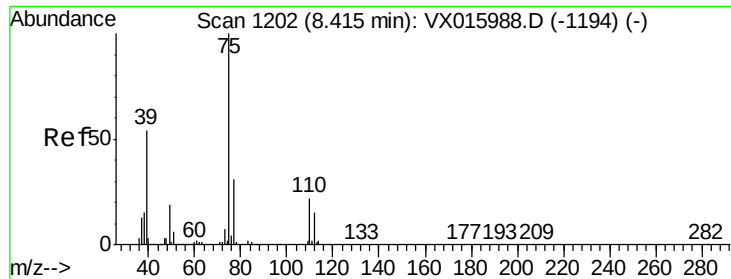
Tgt Ion: 75 Resp: 102591

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



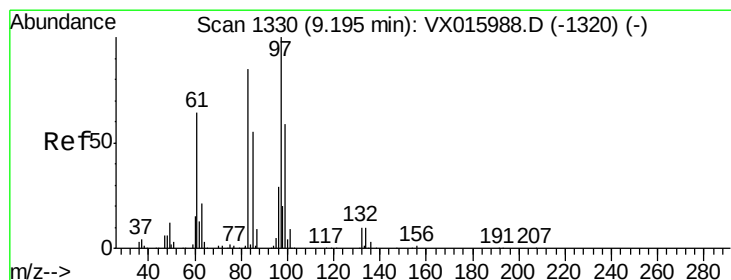
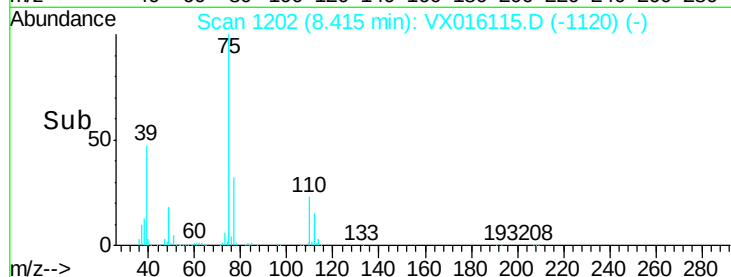
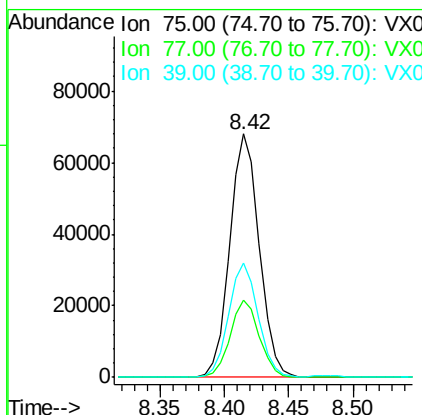
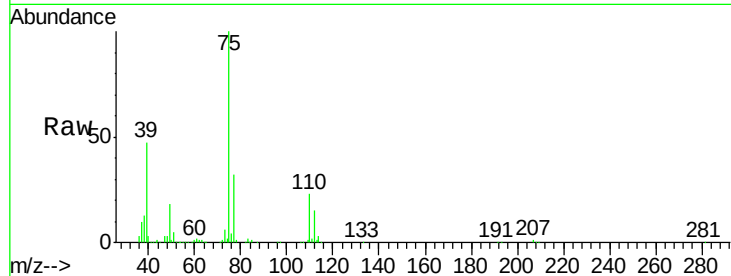


#49

cis-1,3-Dichloropropene
 Concen: 18.543 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

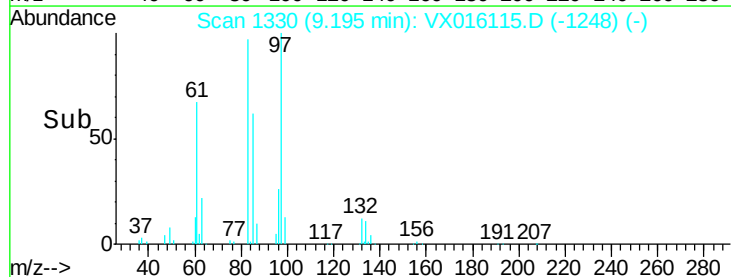
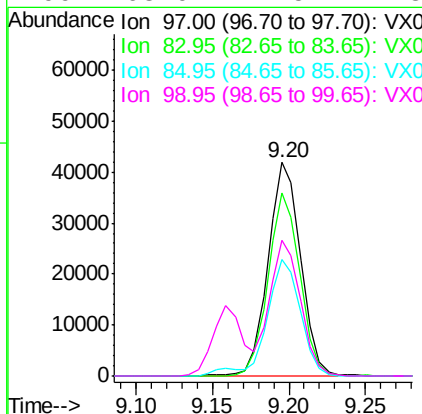
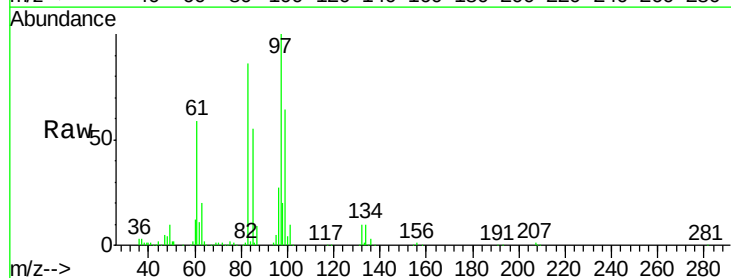
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6
39	46.9	43.2	64.8

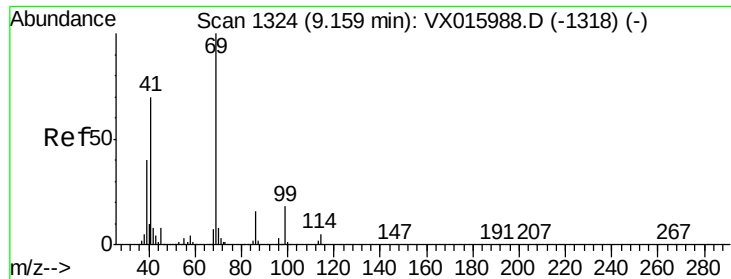


#50

1,1,2-Trichloroethane
 Concen: 18.647 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.7	101.5
85	54.8	43.7	65.5
99	63.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.975 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

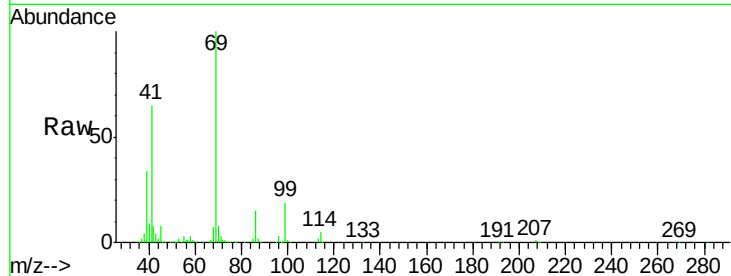
Tot Ion: 69 Resp: 98824

Ion Ratio Lower Upper

69 100

41 64.8 34.8 104.4

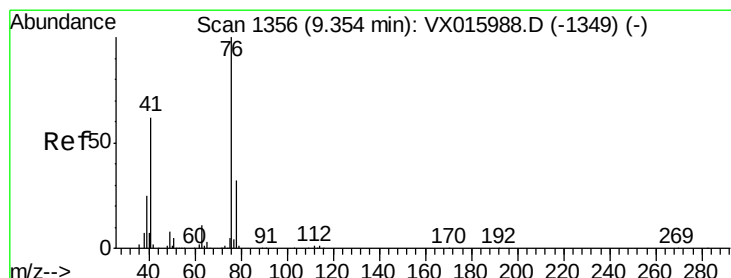
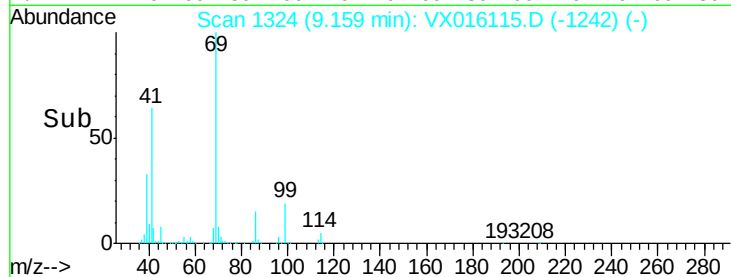
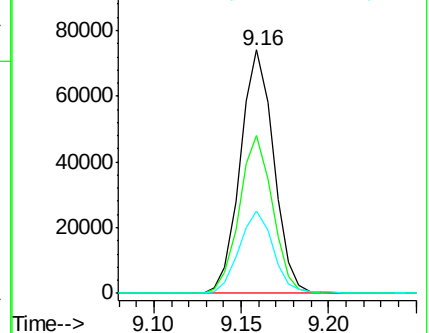
39 33.6 19.8 59.4



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



#52

1,3-Dichloropropane

Concen: 18.653 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016115.D

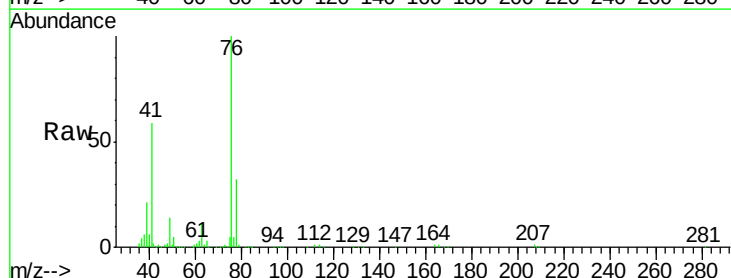
Acq: 08 May 2020 12:56

Tgt Ion: 76 Resp: 107357

Ion Ratio Lower Upper

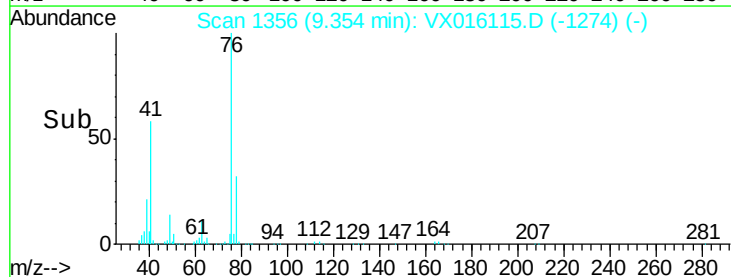
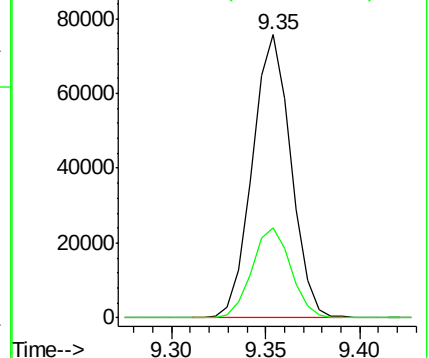
76 100

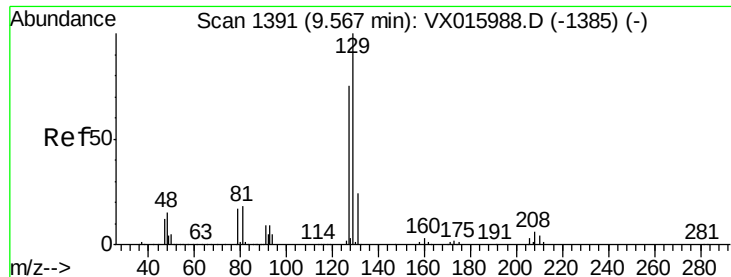
78 32.5 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.674 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

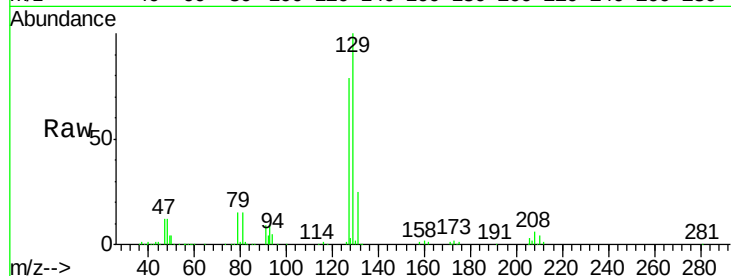
VX0508WBS02

Tot Ion:129 Resp: 66945

Ion Ratio Lower Upper

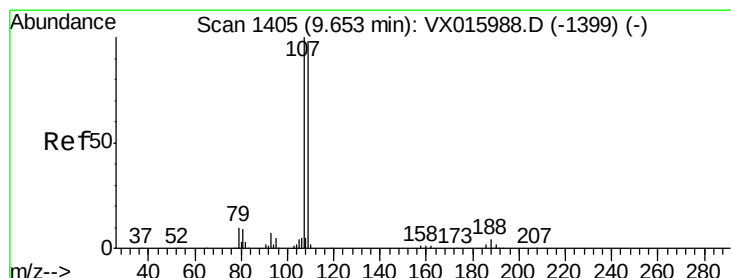
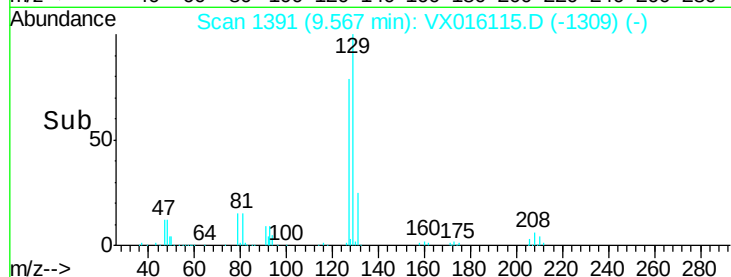
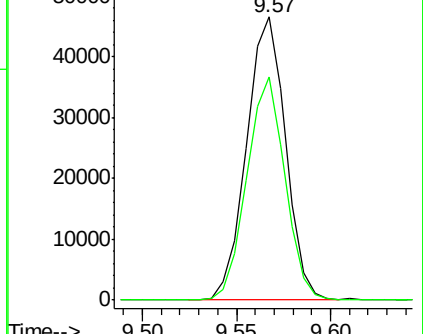
129 100

127 76.6 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.782 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016115.D

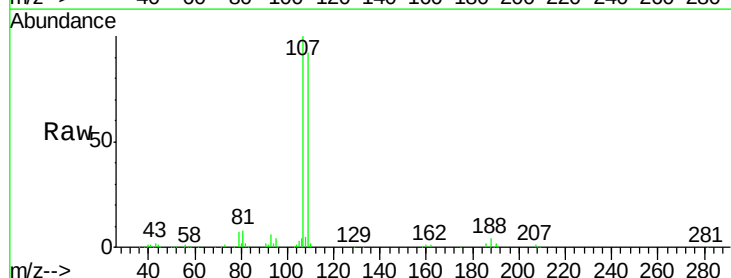
Acq: 08 May 2020 12:56

Tgt Ion:107 Resp: 65068

Ion Ratio Lower Upper

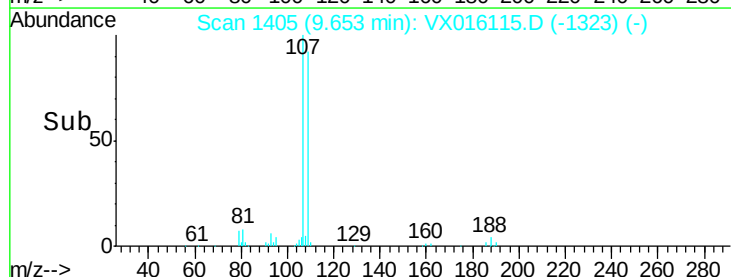
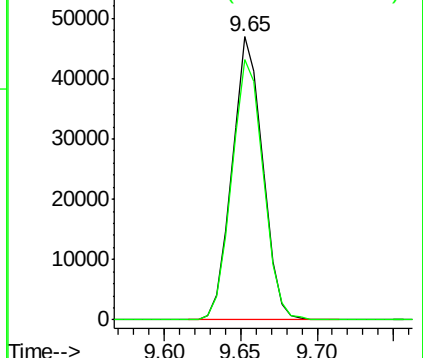
107 100

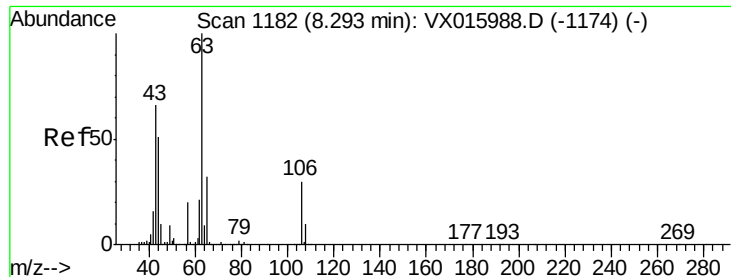
109 95.0 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 90.134 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

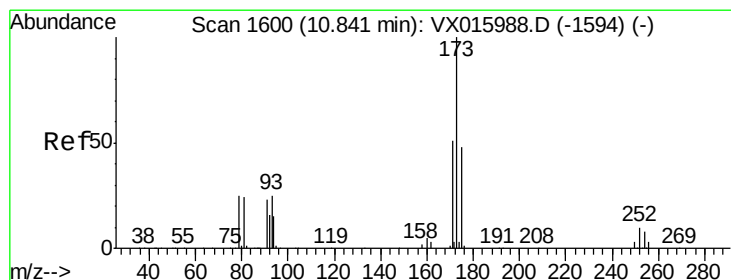
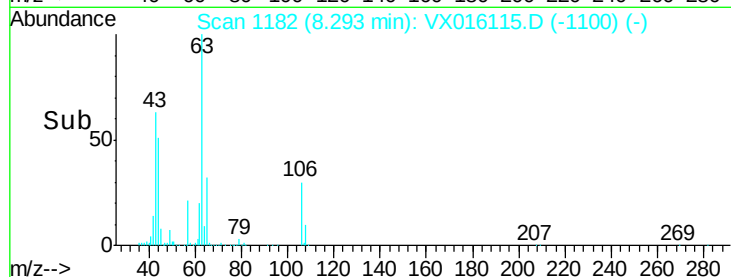
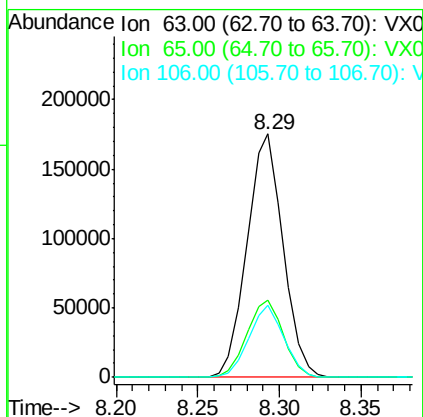
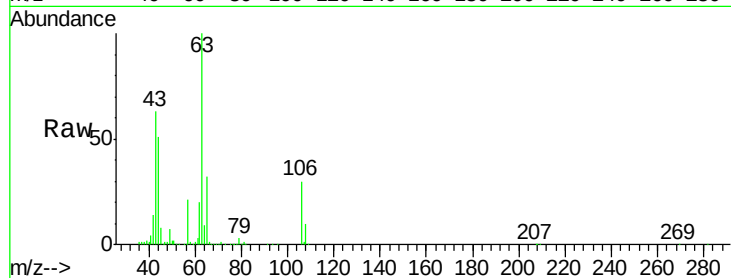
Tot Ion: 63 Resp: 269586

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 29.0 23.4 35.0



#56

Bromoform

Concen: 16.896 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

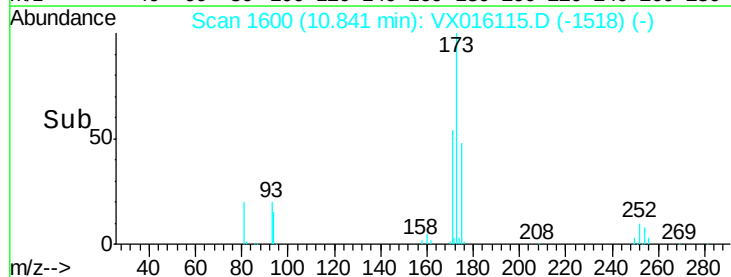
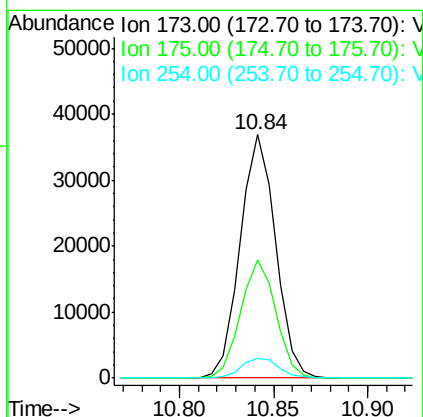
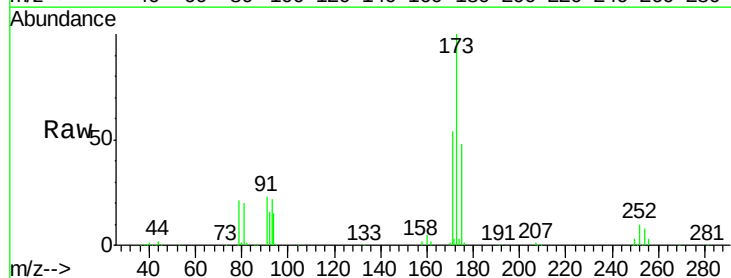
Tgt Ion:173 Resp: 48220

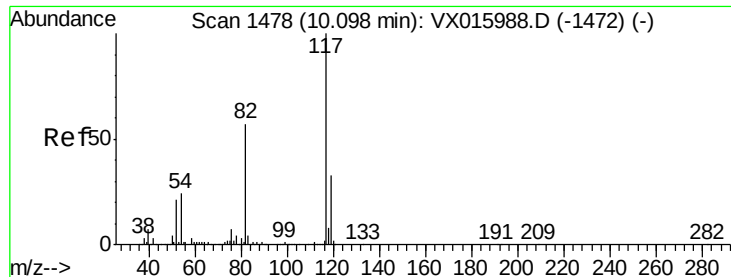
Ion Ratio Lower Upper

173 100

175 48.2 38.0 57.0

254 8.6 6.8 10.2

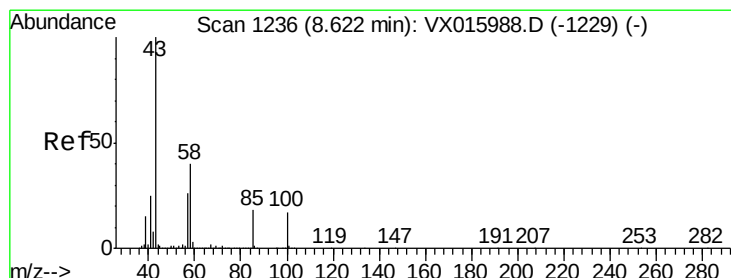
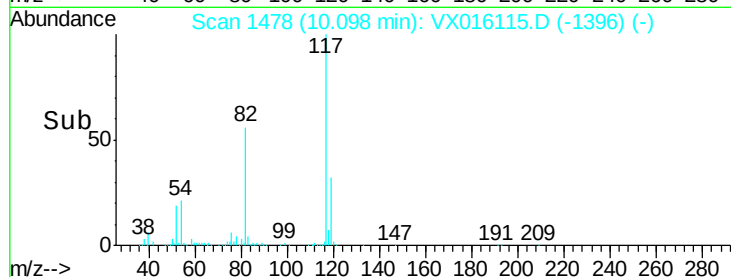
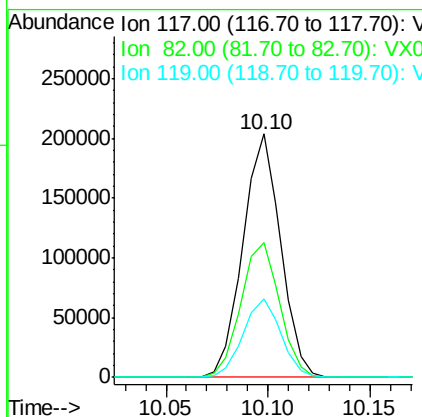
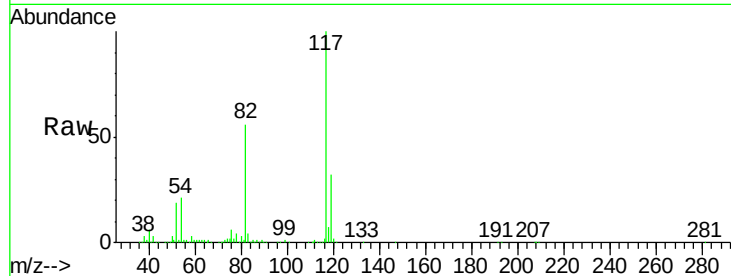




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

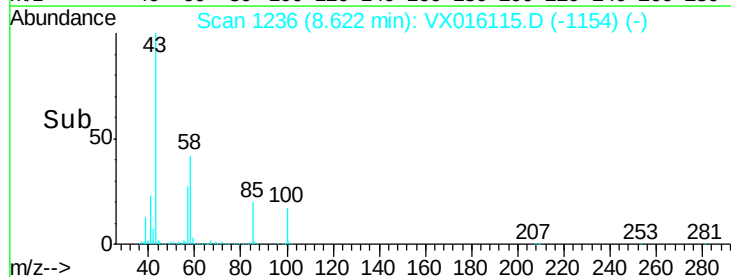
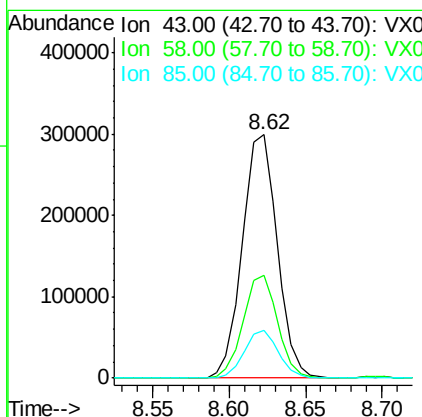
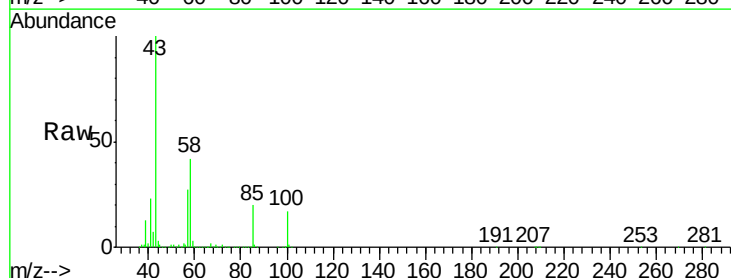
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS02

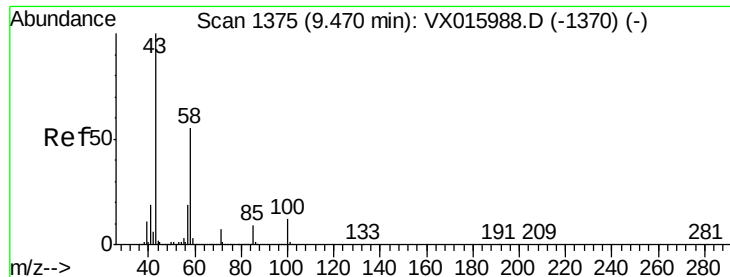
Tot Ion:117 Resp: 262410
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 91.678 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 474413
Ion Ratio Lower Upper
43 100
58 41.5 31.8 47.6
85 19.2 14.5 21.7

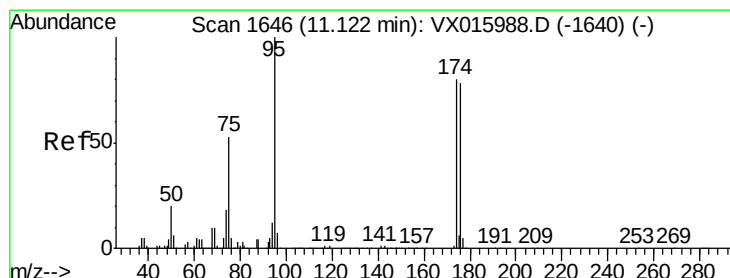
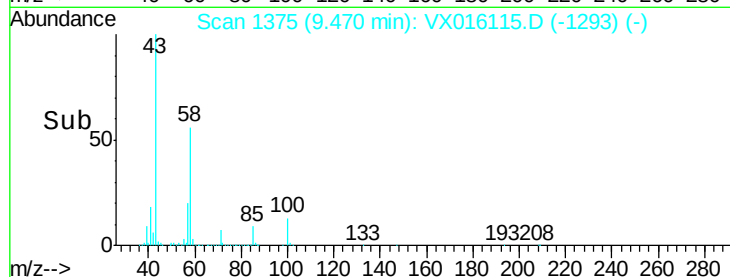
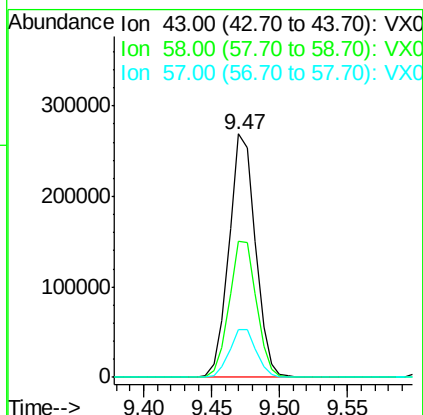
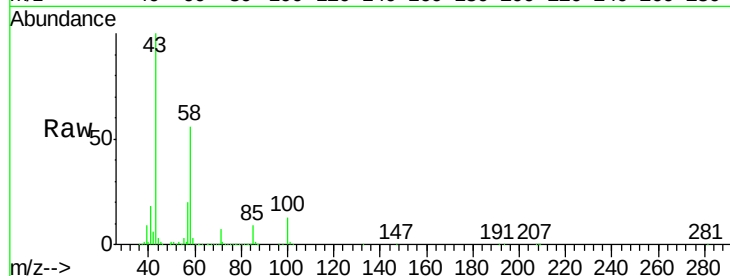




#59
2-Hexanone
Concen: 90.963 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

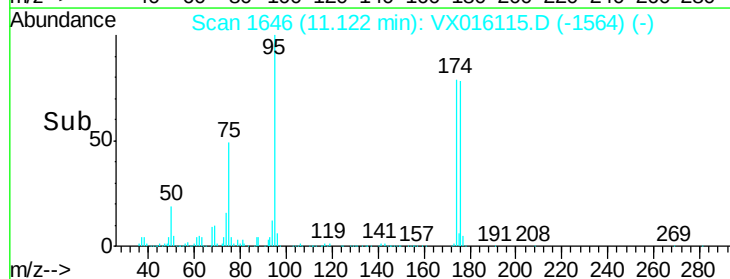
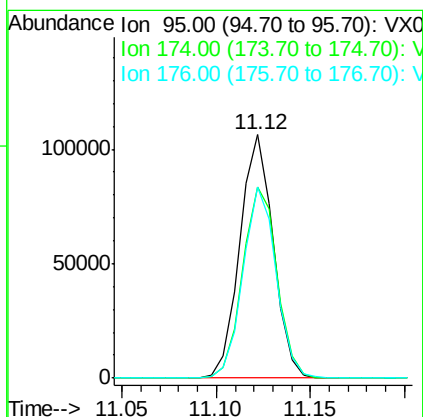
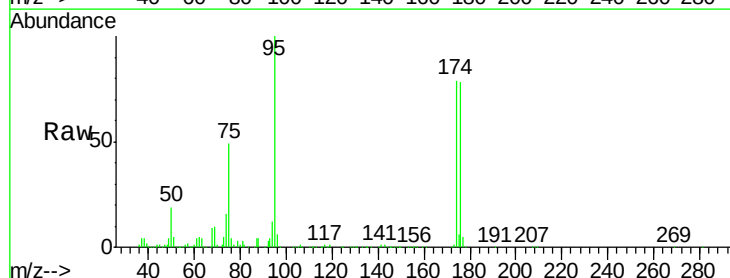
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

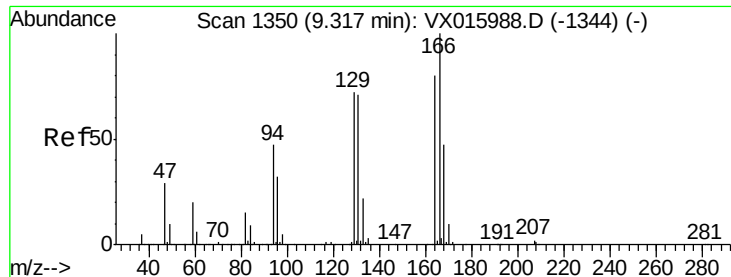
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.7	44.0	66.0
57	20.2	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.633 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	64.8	97.2
176	77.8	62.4	93.6





#61

Tetrachloroethene

Concen: 19.006 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS02

Tot Ion:164 Resp: 98654

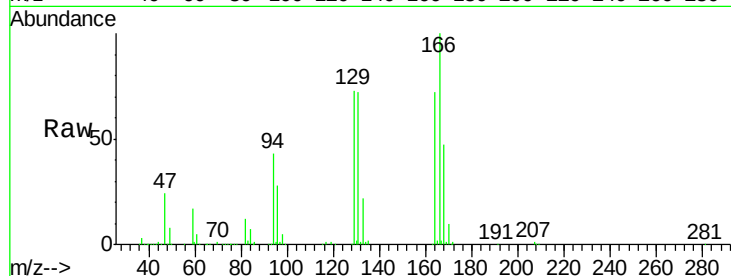
Ion Ratio Lower Upper

164 100

166 138.1 100.1 150.1

129 100.4 72.2 108.4

131 99.2 71.3 106.9

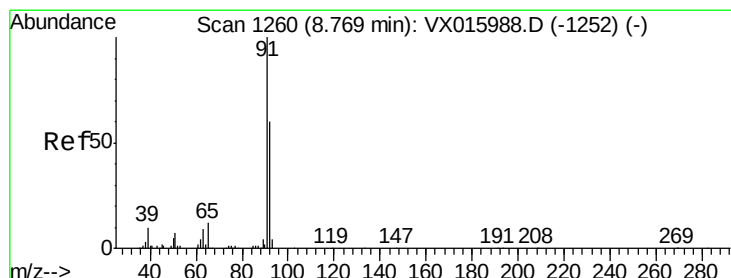
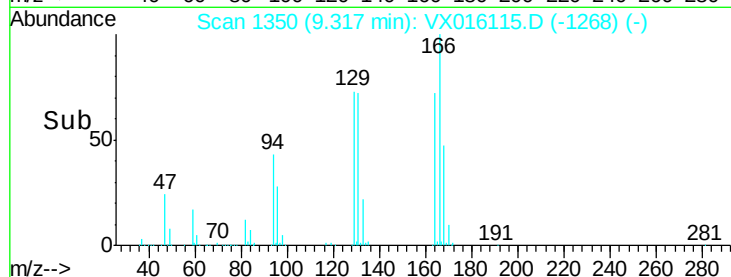
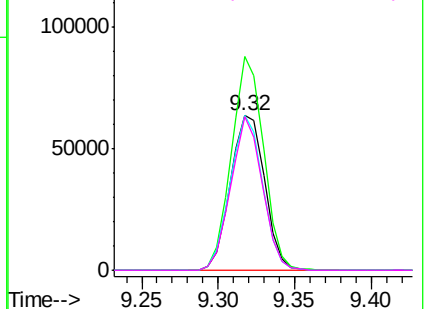


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.080 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016115.D

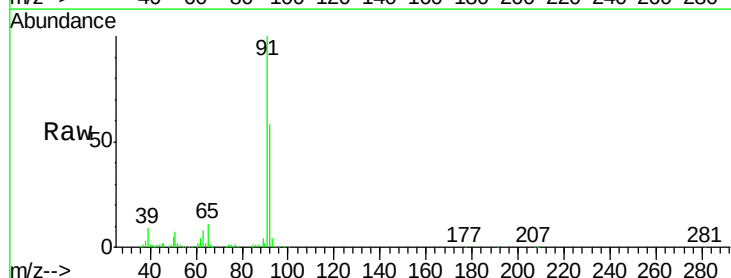
Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 267487

Ion Ratio Lower Upper

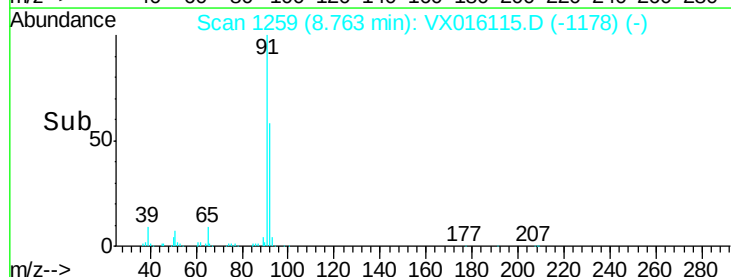
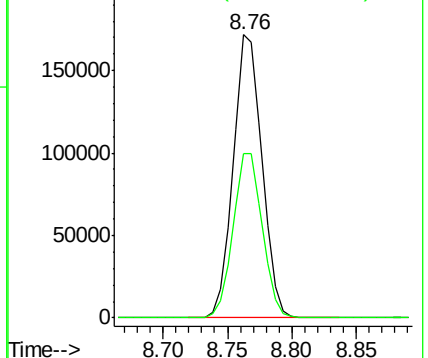
91 100

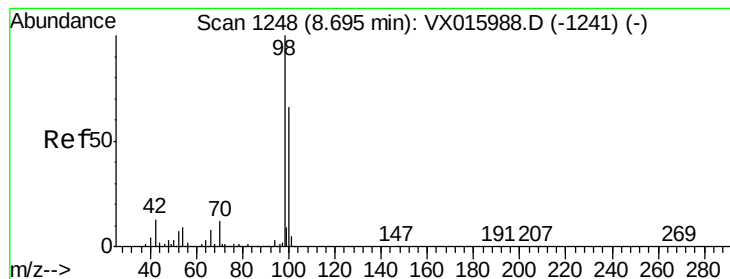
92 58.9 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.107 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

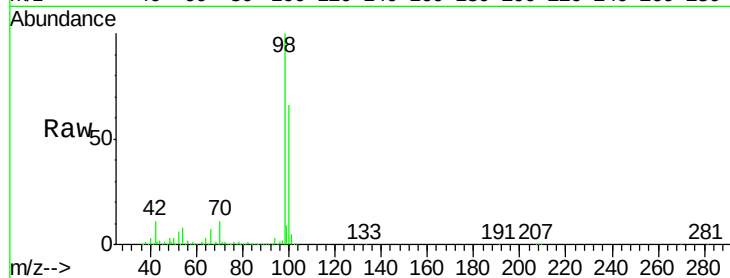
VX0508WBS02

Tot Ion: 98 Resp: 350177

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

250000

200000

150000

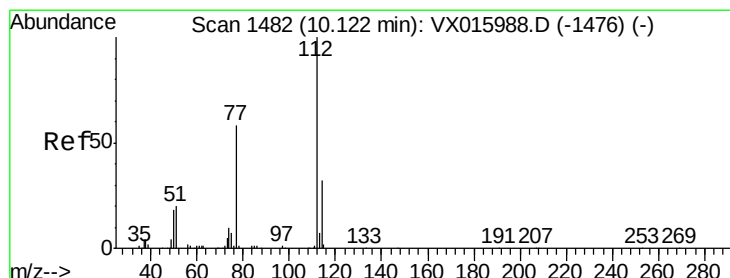
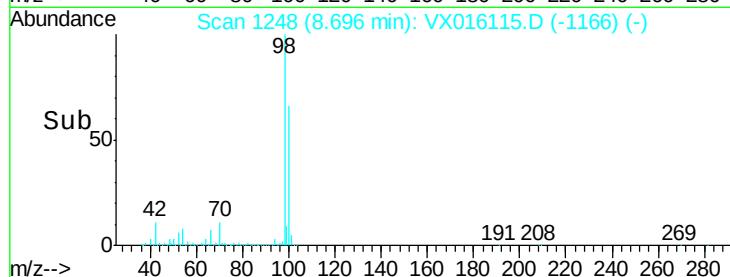
100000

50000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#64

Chlorobenzene

Concen: 18.802 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016115.D

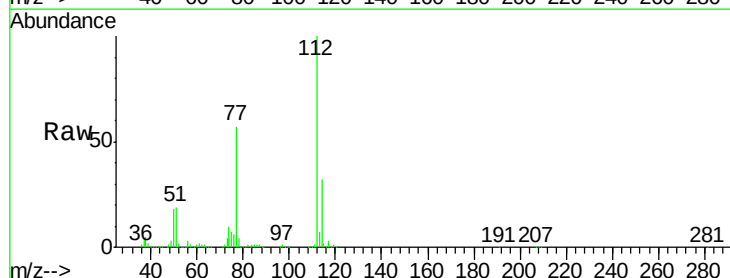
Acq: 08 May 2020 12:56

Tgt Ion: 112 Resp: 167834

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

150000

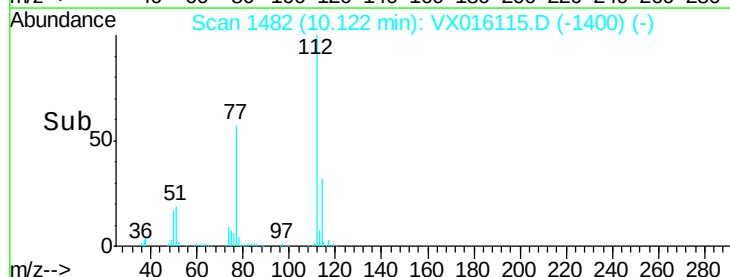
100000

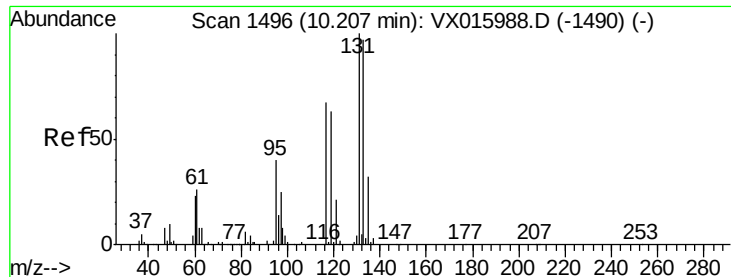
50000

0

Time-->

10.05 10.10 10.15





#65

1,1,1,2-Tetrachloroethane

Concen: 17.992 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

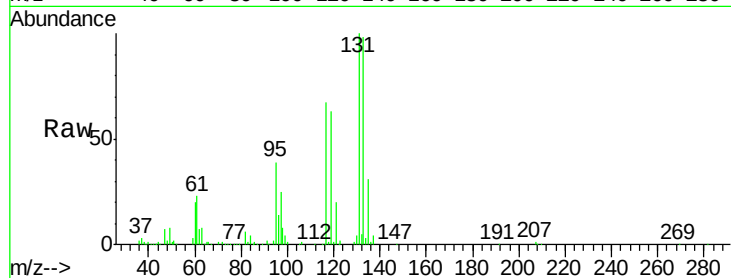
Tot Ion:131 Resp: 60969

Ion Ratio Lower Upper

131 100

133 95.3 0.0 187.0

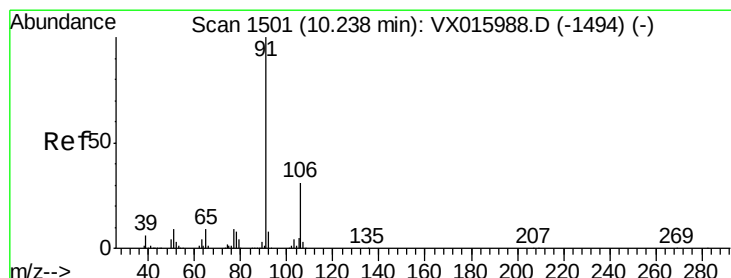
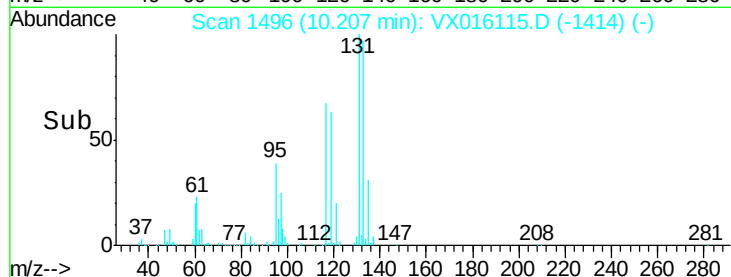
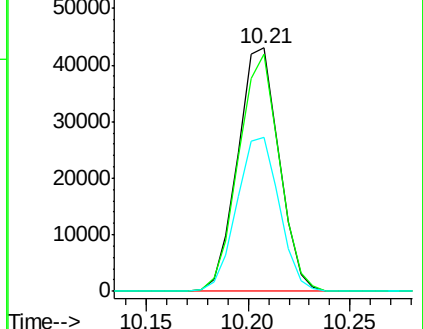
119 64.6 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.807 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016115.D

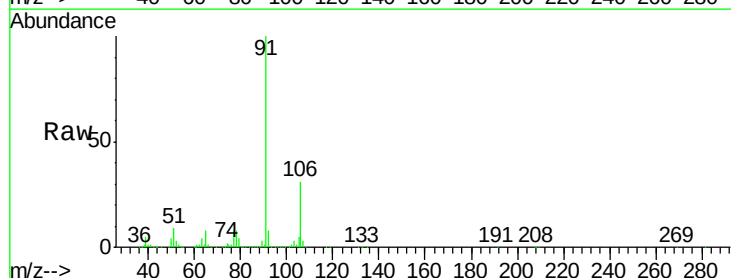
Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 300233

Ion Ratio Lower Upper

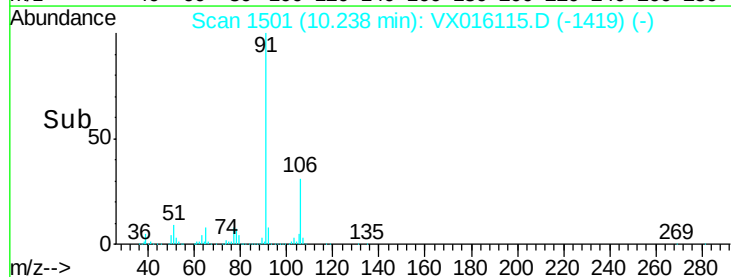
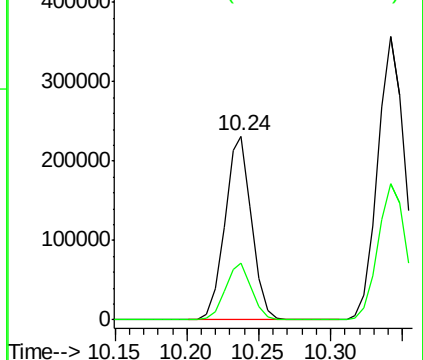
91 100

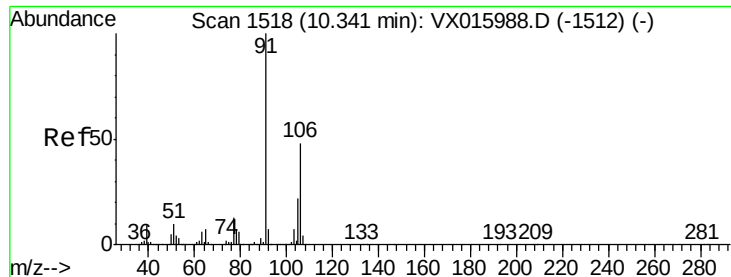
106 30.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.169 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

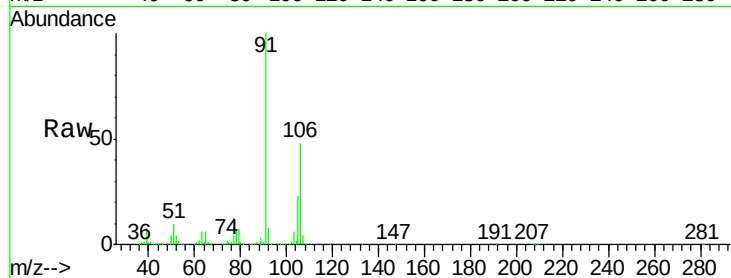
VX0508WBS02

Tot Ion:106 Resp: 226037

Ion Ratio Lower Upper

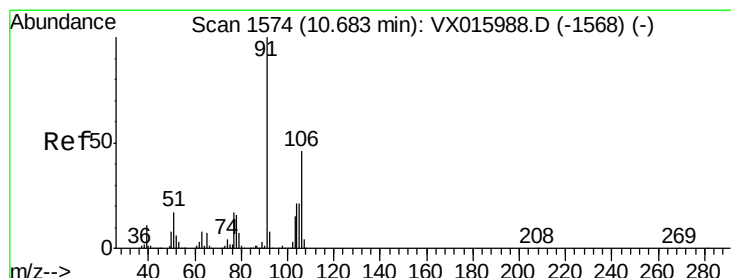
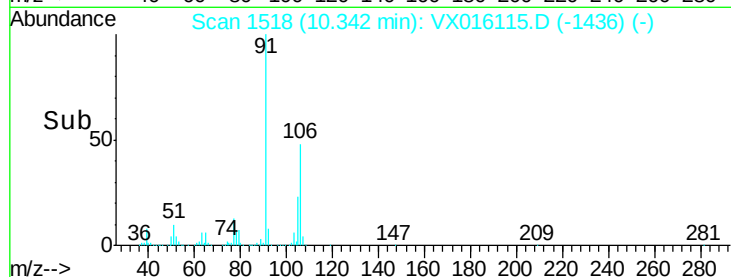
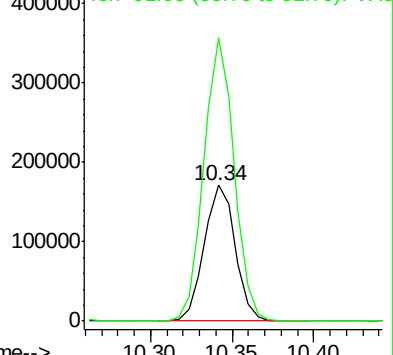
106 100

91 203.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.221 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016115.D

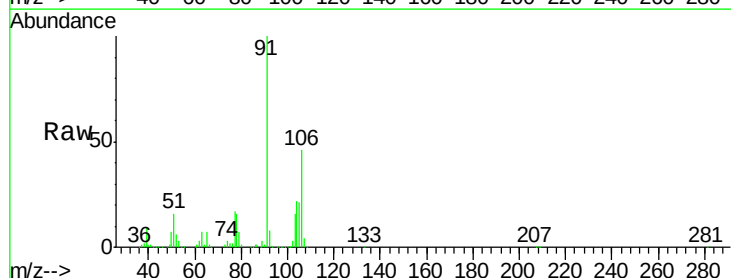
Acq: 08 May 2020 12:56

Tgt Ion:106 Resp: 106852

Ion Ratio Lower Upper

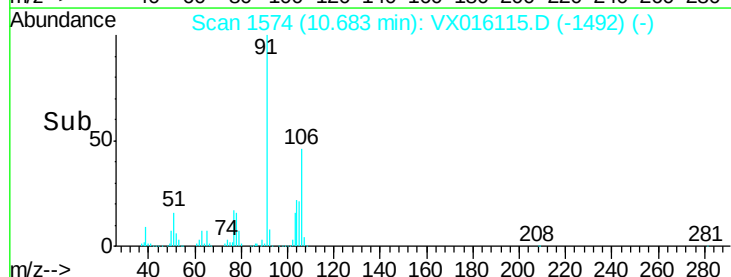
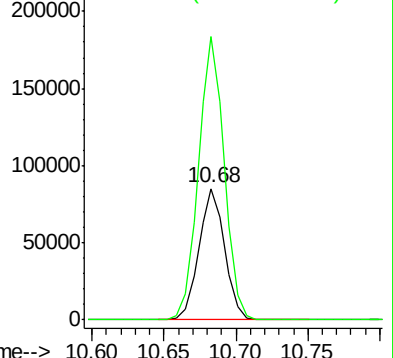
106 100

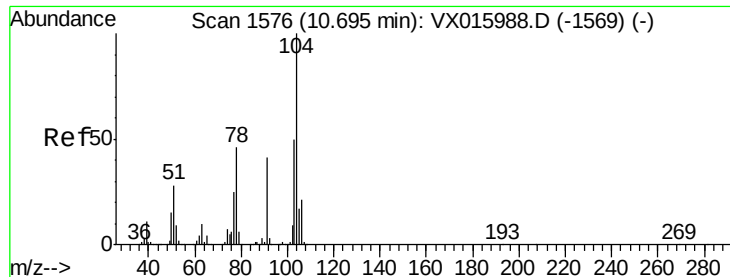
91 215.7 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

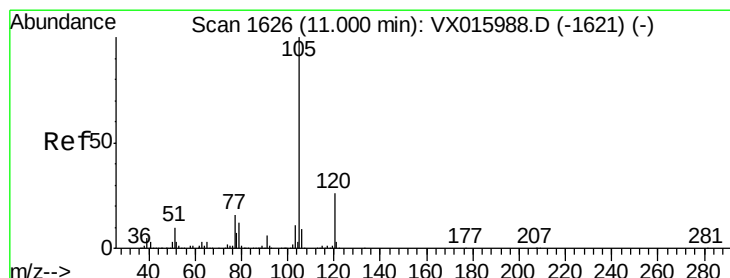
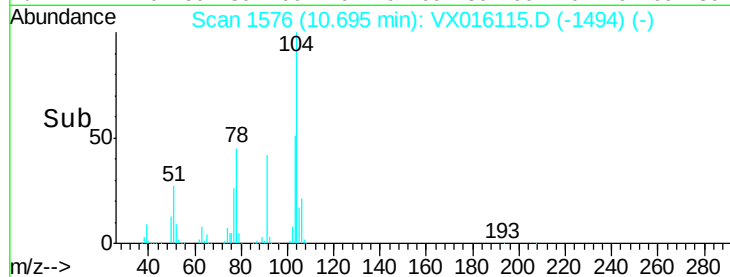
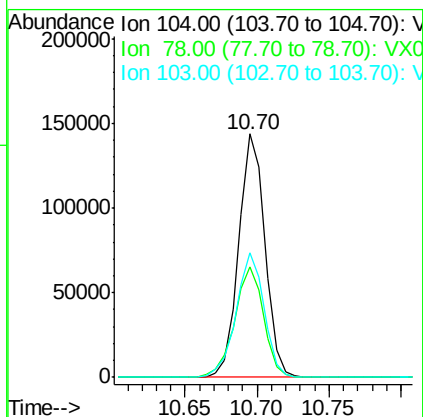
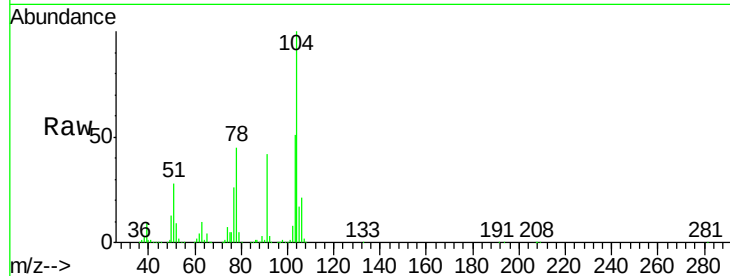




#69
Stvrene
Concen: 18.110 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

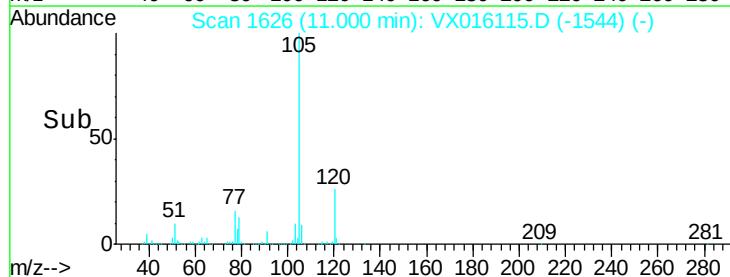
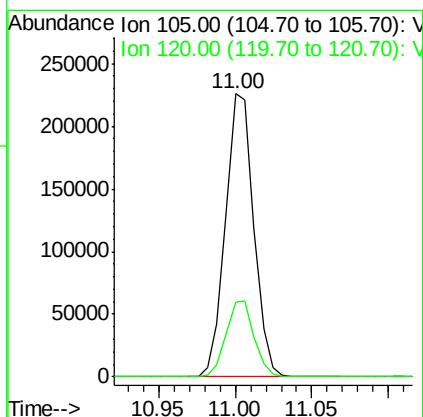
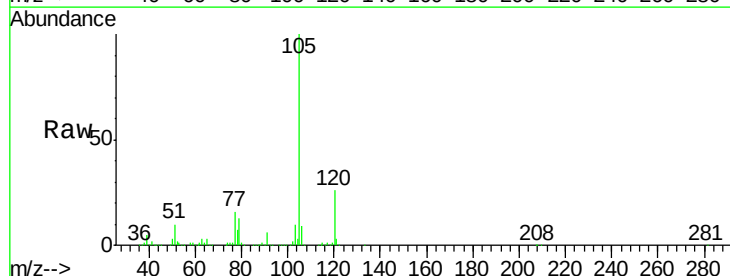
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

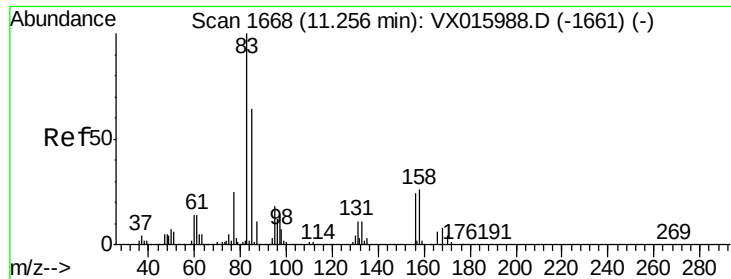
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.7	61.1
103	54.7	43.0	64.4



#70
Isopropylbenzene
Concen: 18.263 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.6	34.5

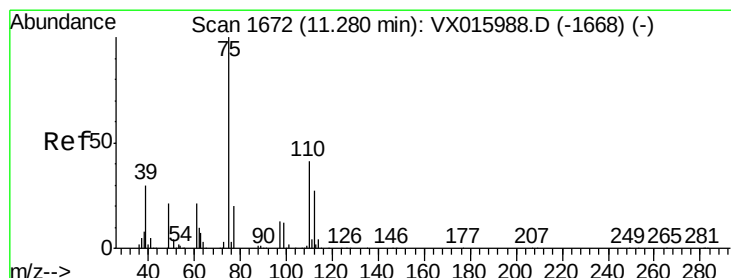
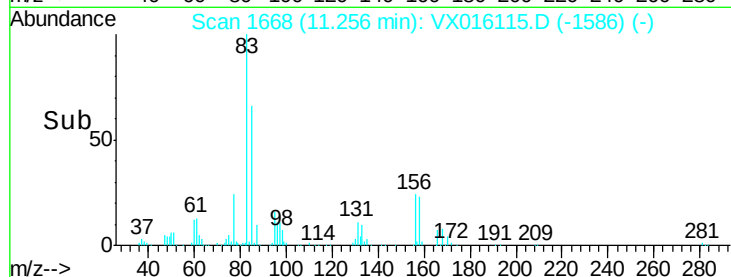
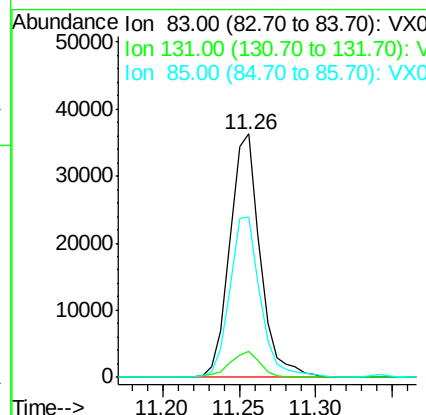
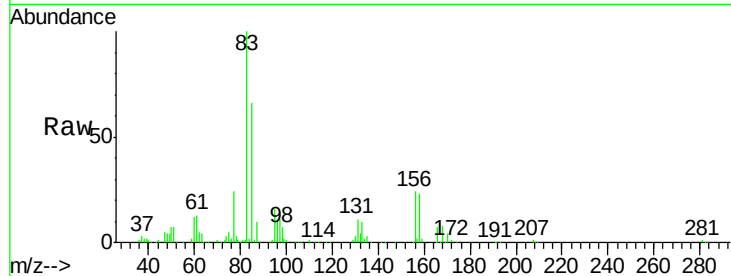




#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.948 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

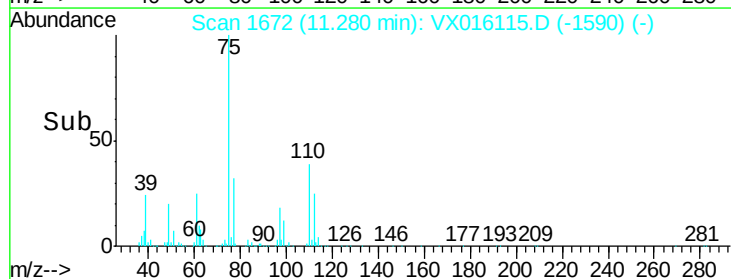
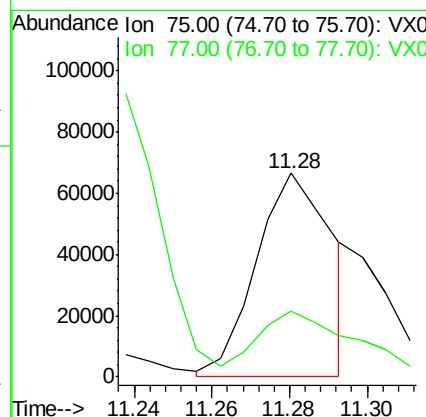
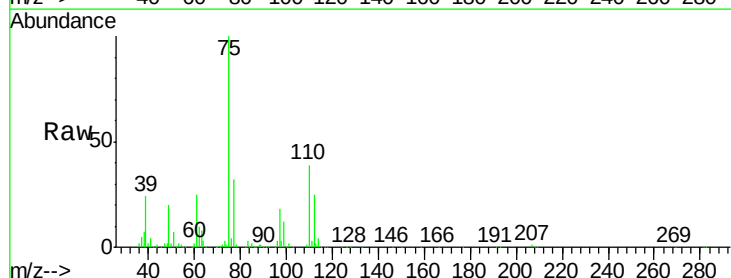
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

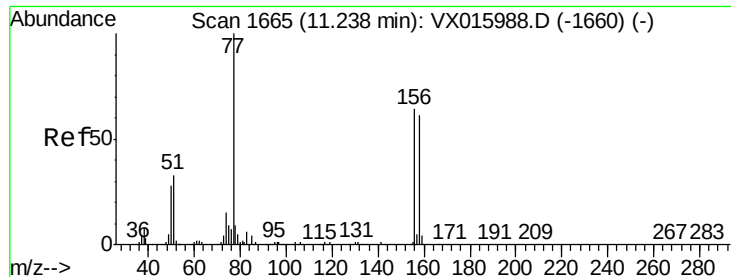
Tot Ion: 83 Resp: 49884
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 66.5 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 18.920 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion: 75 Resp: 90195
 Ion Ratio Lower Upper
 75 100
 77 42.0 0.0 86.0





#73

Bromobenzene

Concen: 18.055 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

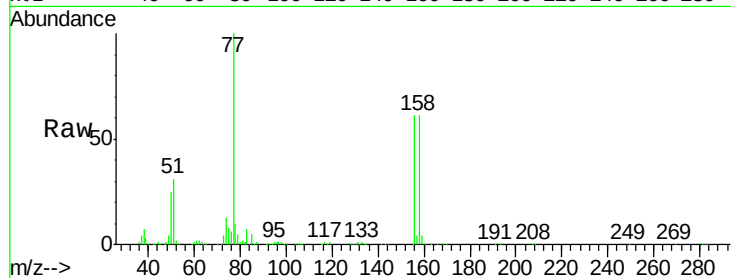
Tot Ion:156 Resp: 72037

Ion Ratio Lower Upper

156 100

77 160.4 0.0 318.0

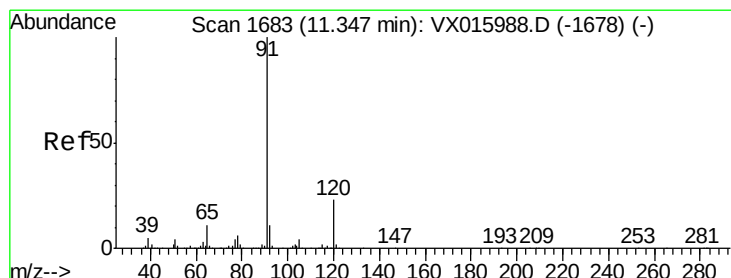
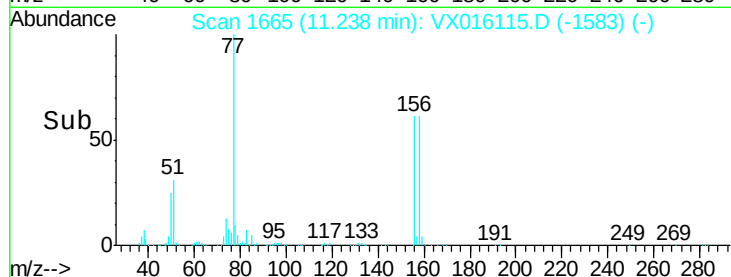
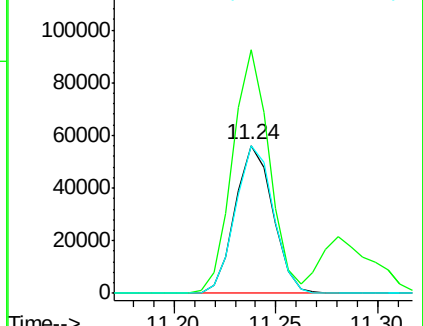
158 100.1 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.448 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016115.D

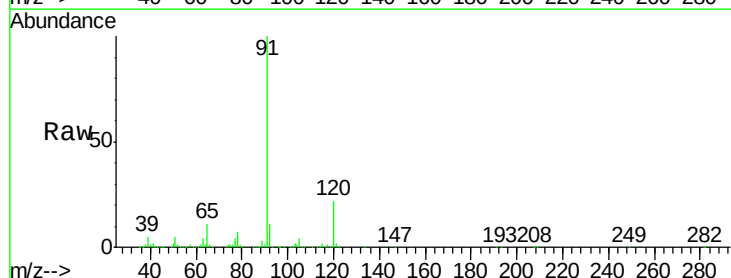
Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 339272

Ion Ratio Lower Upper

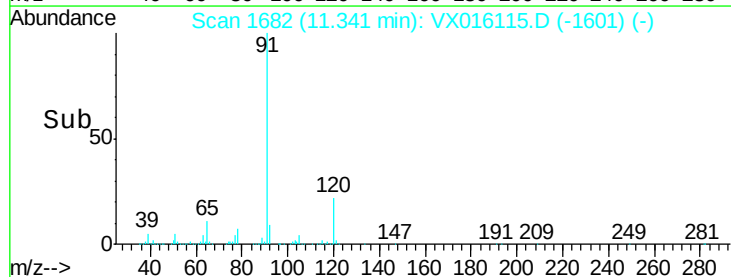
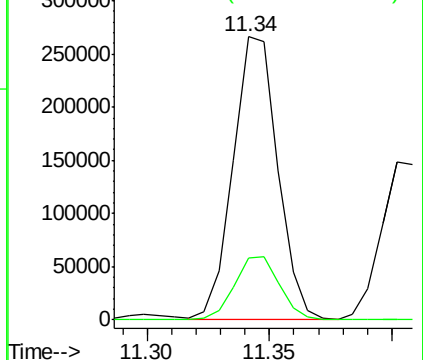
91 100

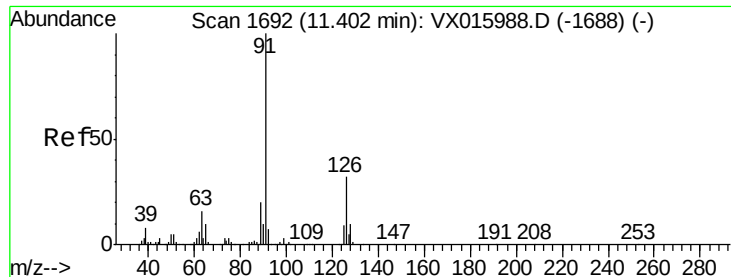
120 22.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.226 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

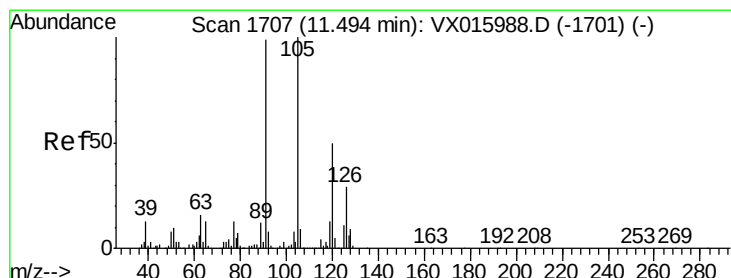
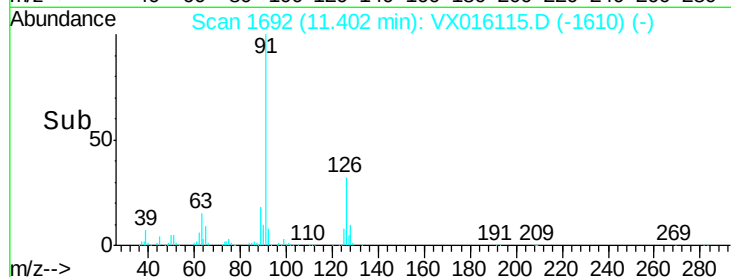
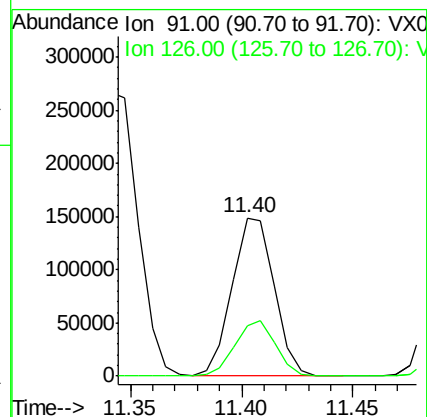
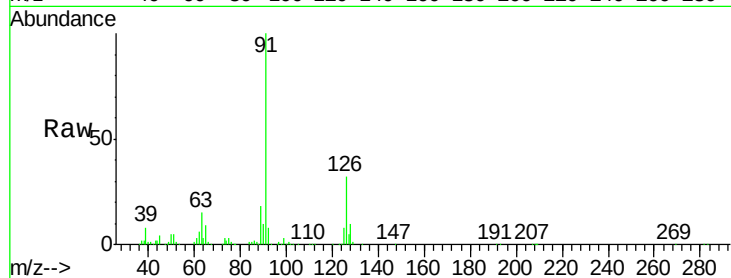
VX0508WBS02

Tot Ion: 91 Resp: 196966

Ion Ratio Lower Upper

91 100

126 33.8 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 18.392 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016115.D

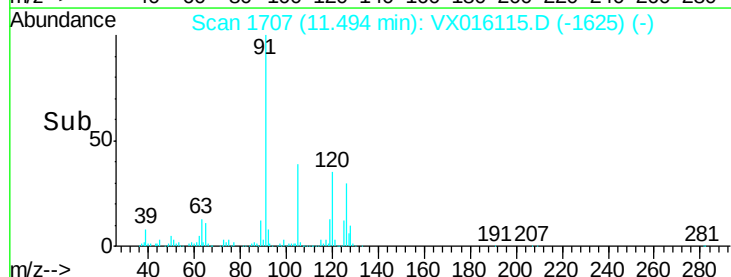
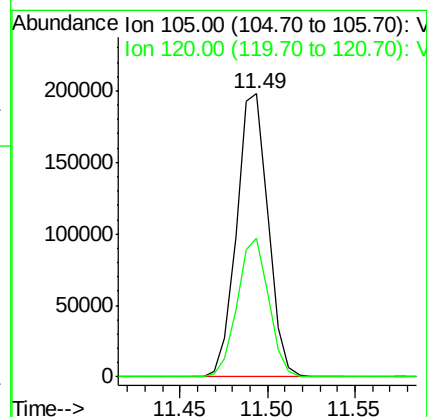
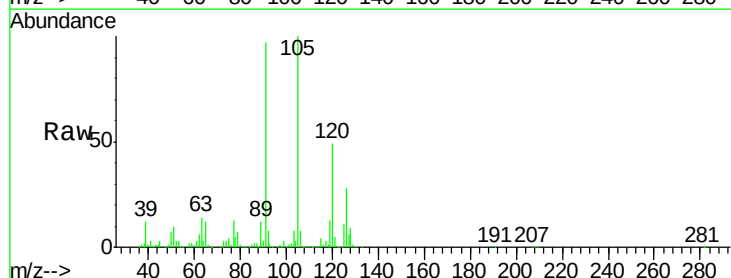
Acq: 08 May 2020 12:56

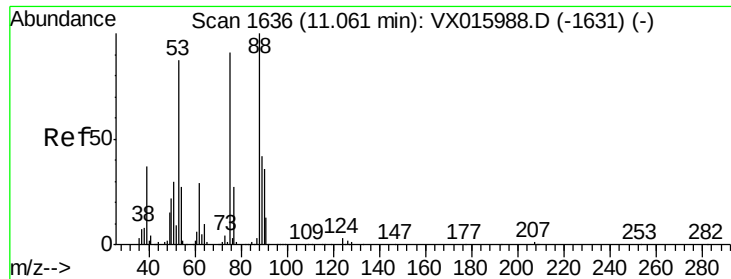
Tgt Ion: 105 Resp: 247180

Ion Ratio Lower Upper

105 100

120 48.9 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.674 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

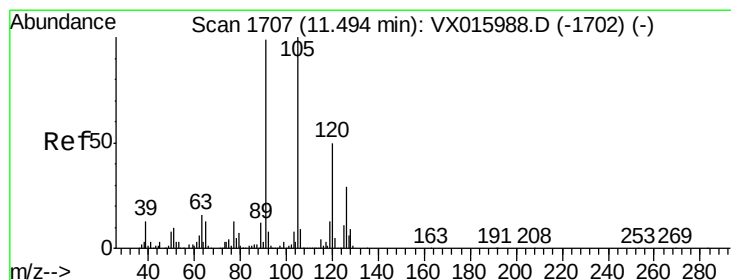
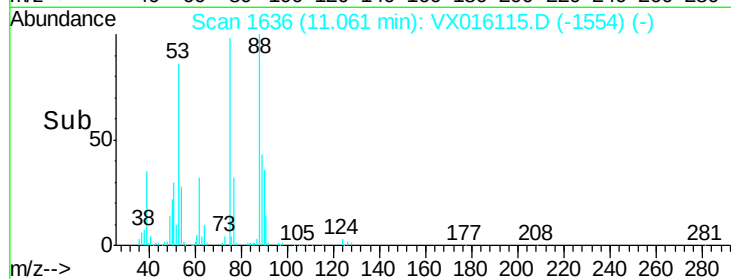
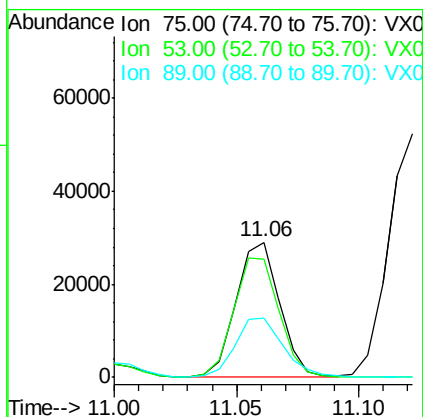
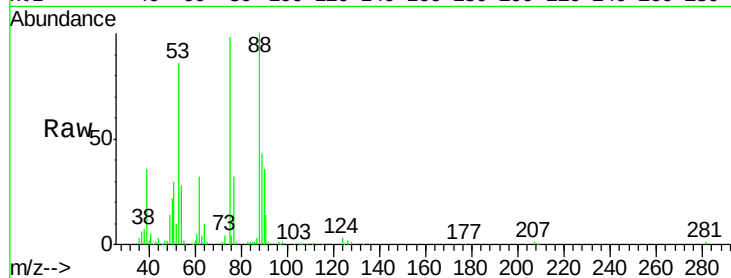
Tot Ion: 75 Resp: 36228

Ion Ratio Lower Upper

75 100

53 87.2 48.0 144.2

89 43.4 23.4 70.3



#78

4-Chlorotoluene

Concen: 18.290 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016115.D

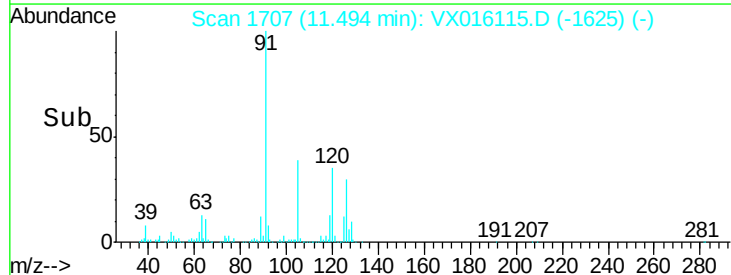
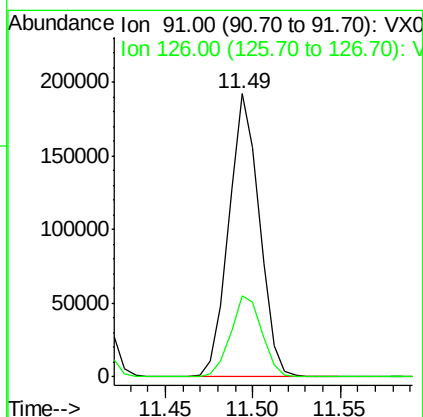
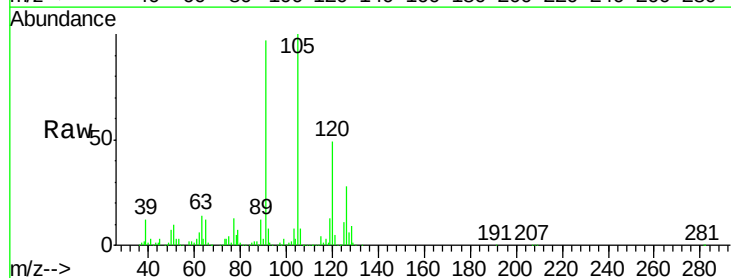
Acq: 08 May 2020 12:56

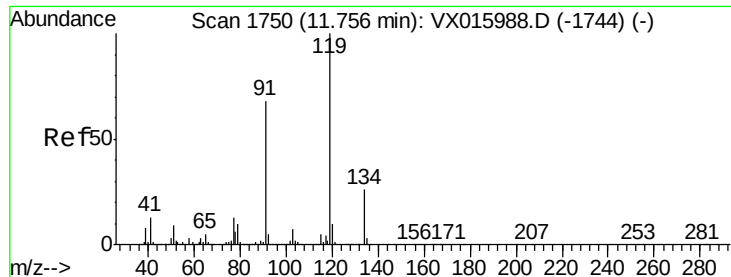
Tgt Ion: 91 Resp: 233973

Ion Ratio Lower Upper

91 100

126 29.1 0.0 58.4





#79

tert-butylbenzene

Concen: 18.155 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

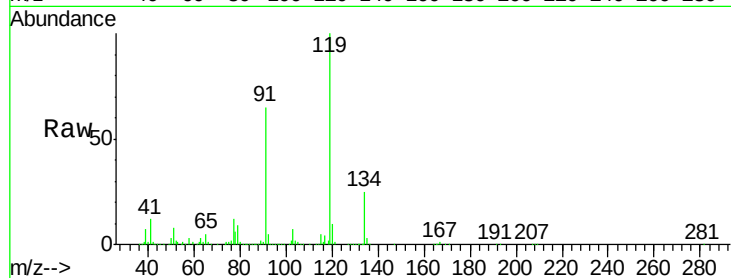
Tot Ion:119 Resp: 208390

Ion Ratio Lower Upper

119 100

91 65.0 0.0 135.6

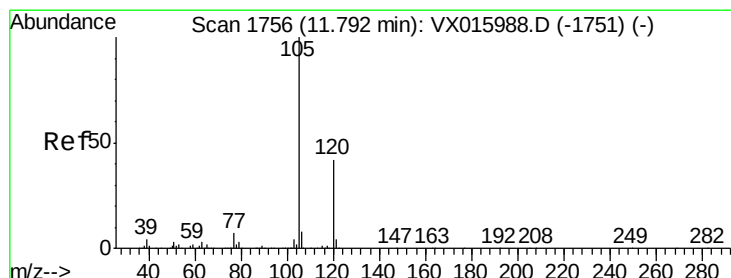
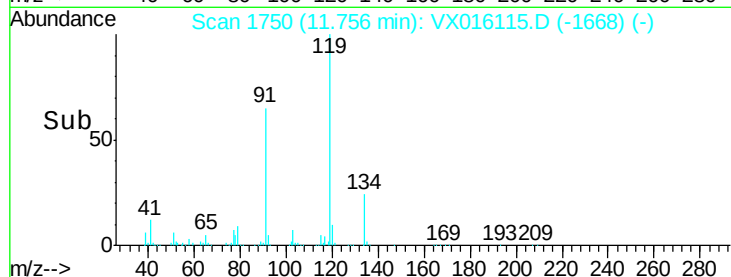
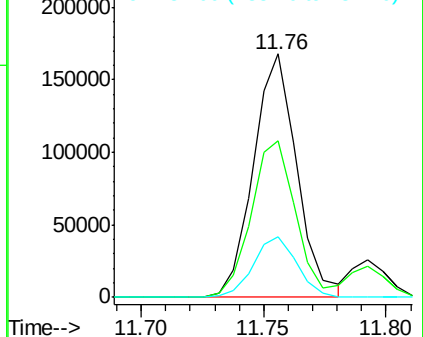
134 24.7 0.0 51.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.309 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016115.D

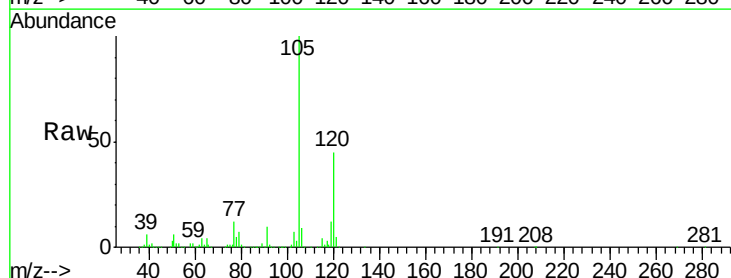
Acq: 08 May 2020 12:56

Tgt Ion:105 Resp: 245830

Ion Ratio Lower Upper

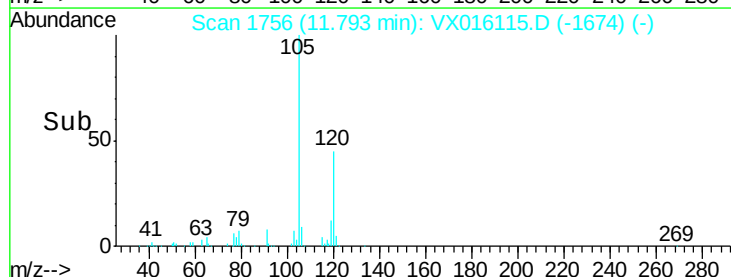
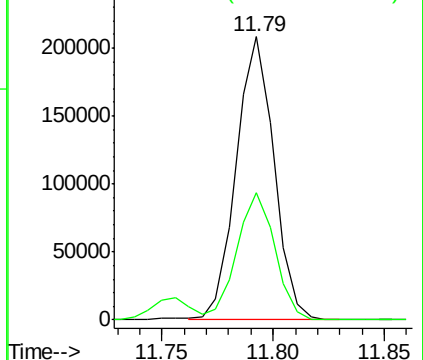
105 100

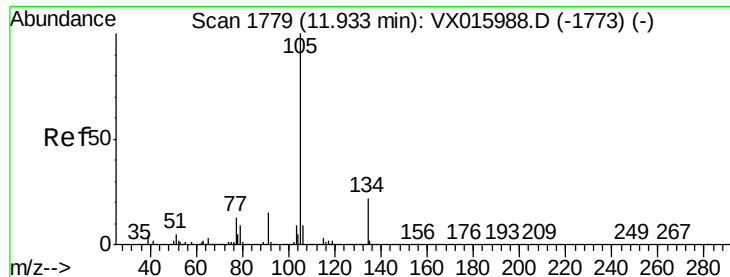
120 45.3 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

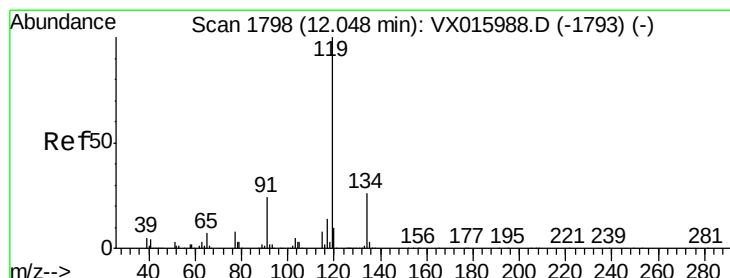
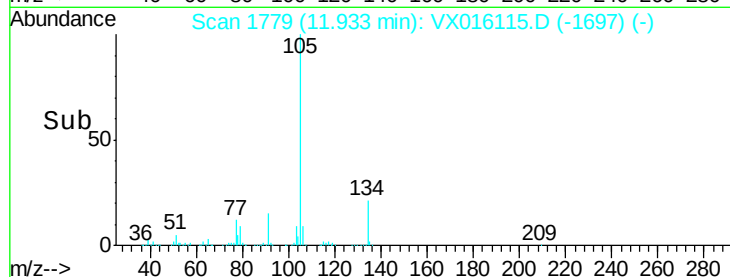
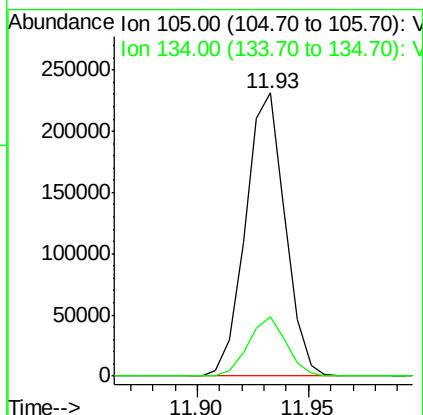
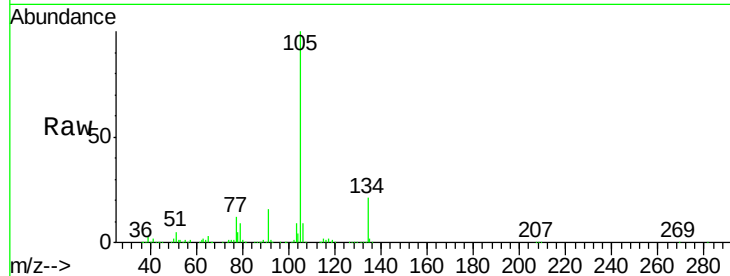




#81
 sec-Butylbenzene
 Concen: 18.453 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

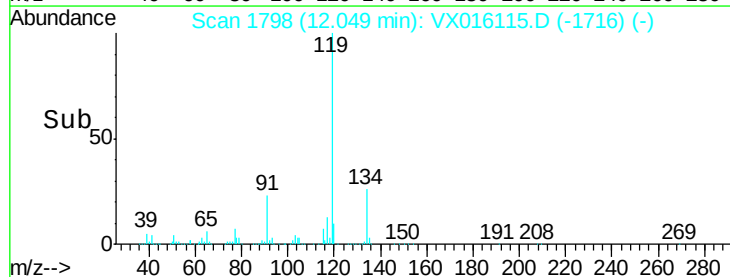
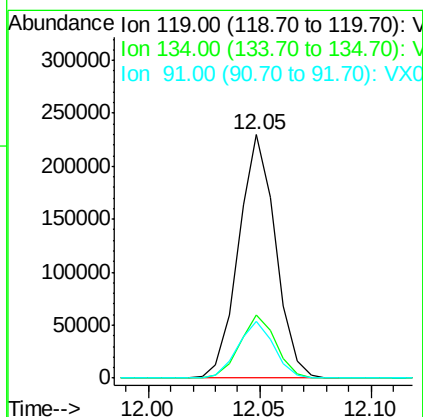
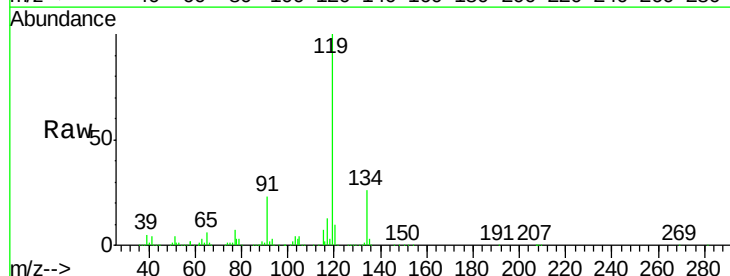
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

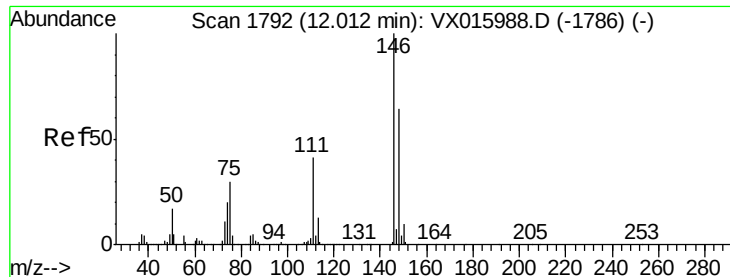
Tot Ion:105 Resp: 285683
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.401 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion:119 Resp: 263986
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 22.9 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 18.027 ug/l

RT: 12.01 min Scan# 1792

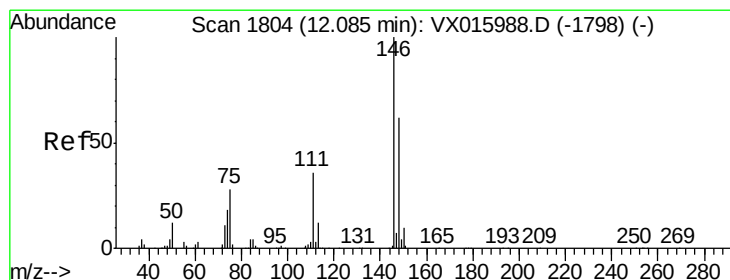
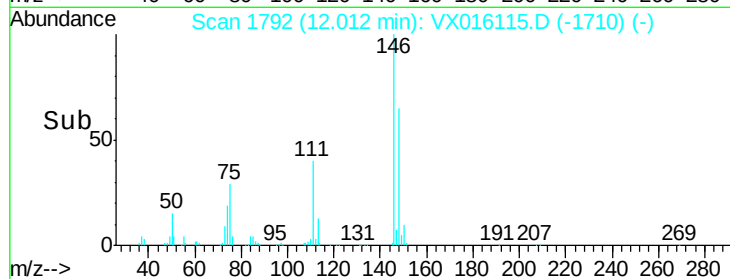
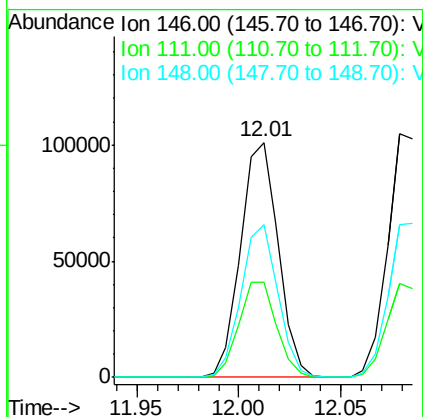
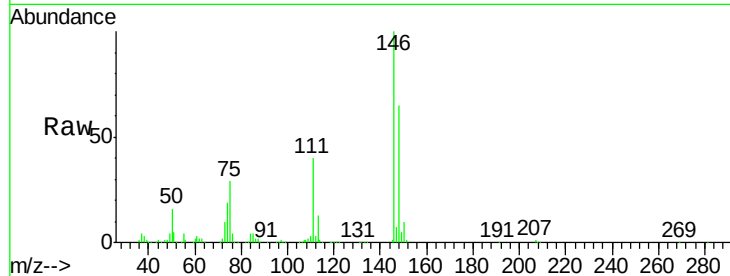
Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.4	31.9	95.9



#84

1,4-Dichlorobenzene

Concen: 18.565 ug/l

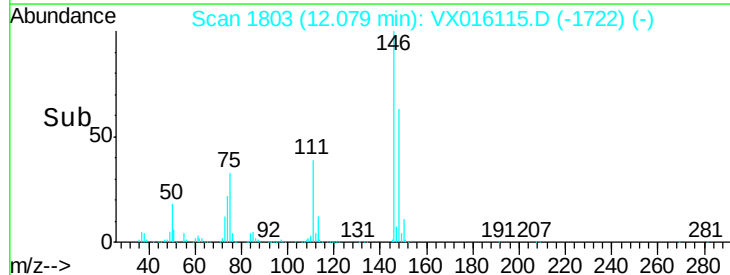
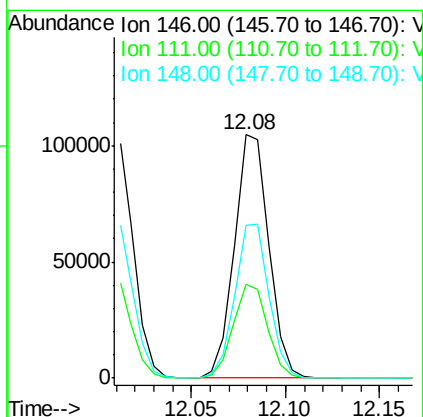
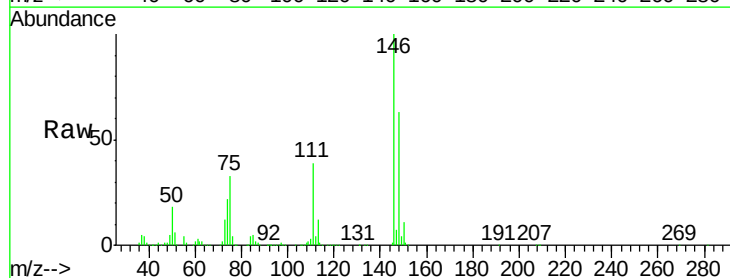
RT: 12.08 min Scan# 1803

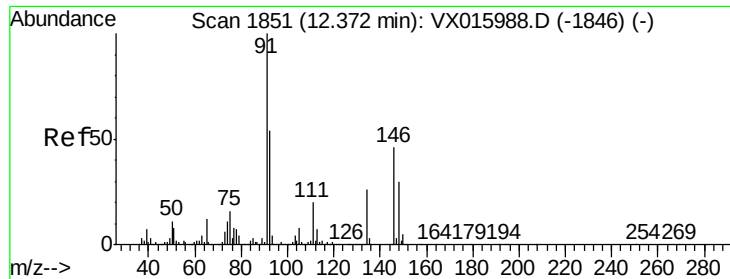
Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.0
148	62.9	32.0	96.0





#85

n-Butylbenzene

Concen: 17.989 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS02

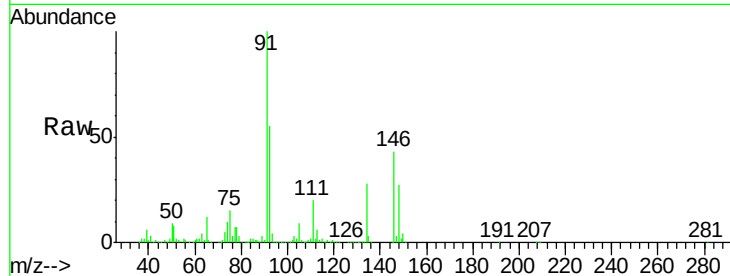
Tot Ion: 91 Resp: 235740

Ion Ratio Lower Upper

91 100

92 54.3 0.0 110.2

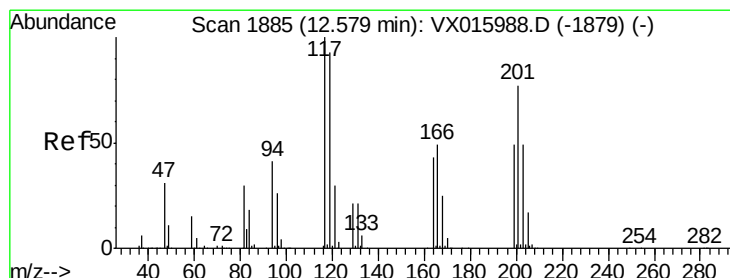
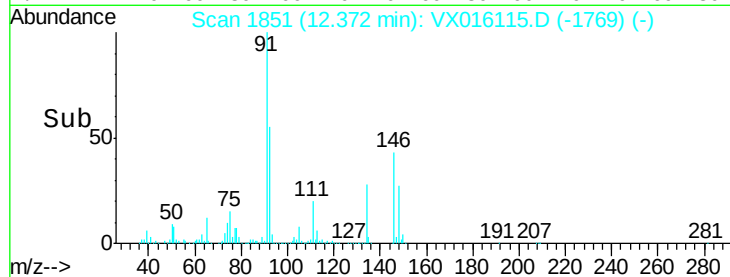
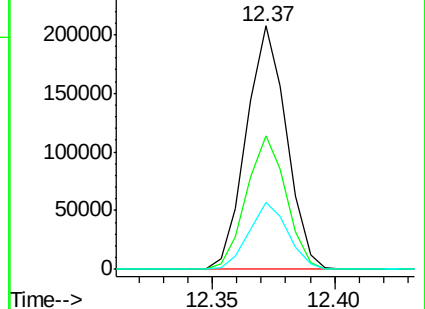
134 27.0 0.0 53.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 17.278 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016115.D

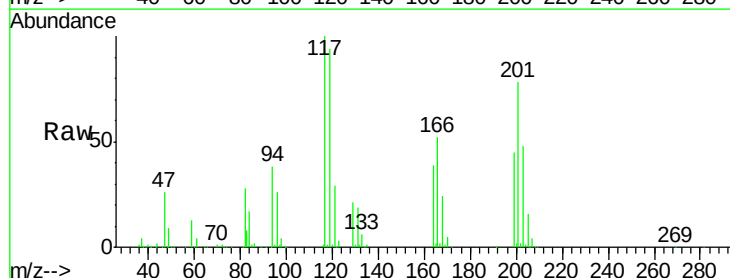
Acq: 08 May 2020 12:56

Tgt Ion: 117 Resp: 43638

Ion Ratio Lower Upper

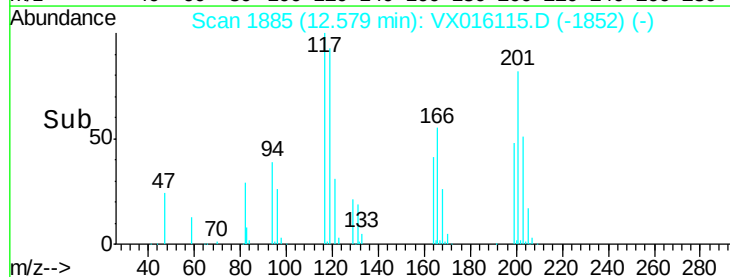
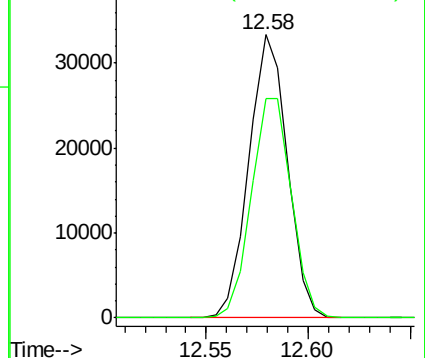
117 100

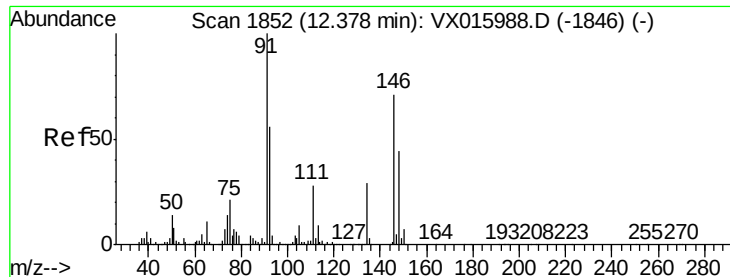
201 81.4 40.1 120.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

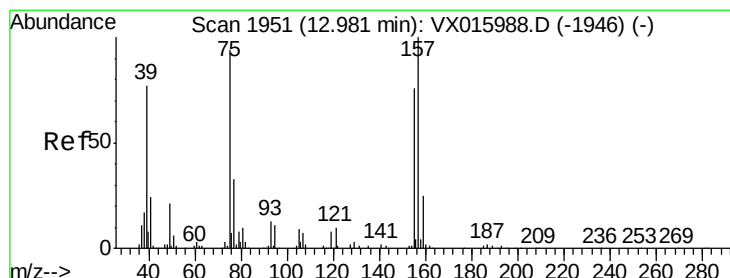
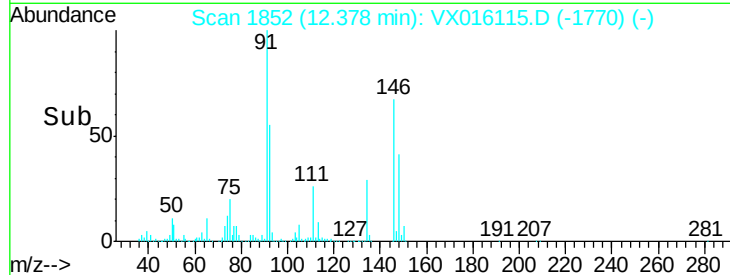
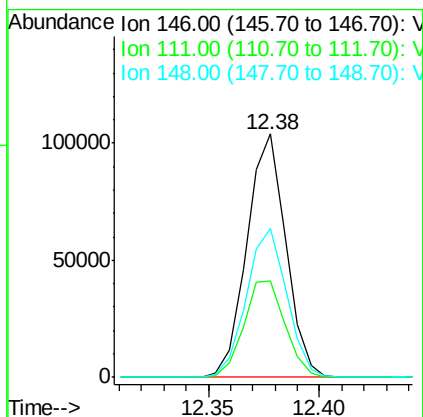
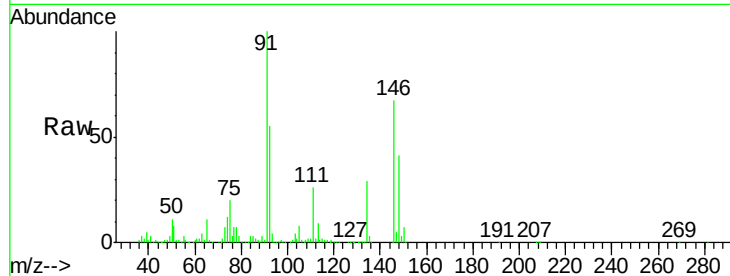




#87
 1,2-Dichlorobenzene
 Concen: 18.270 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

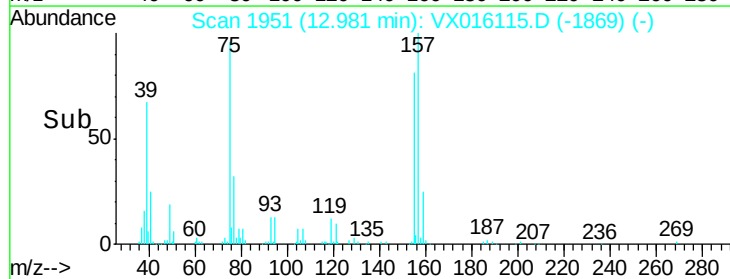
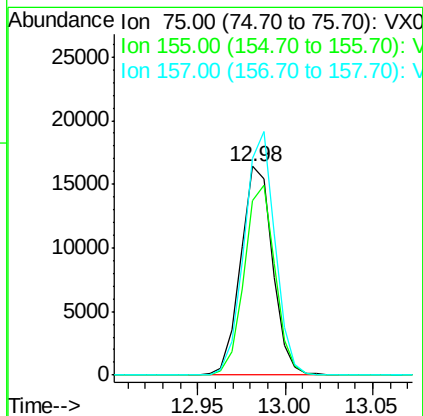
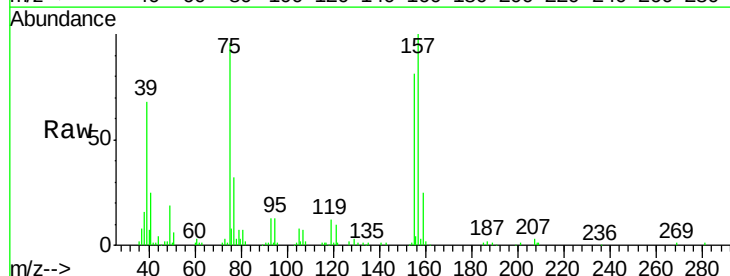
Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBS02

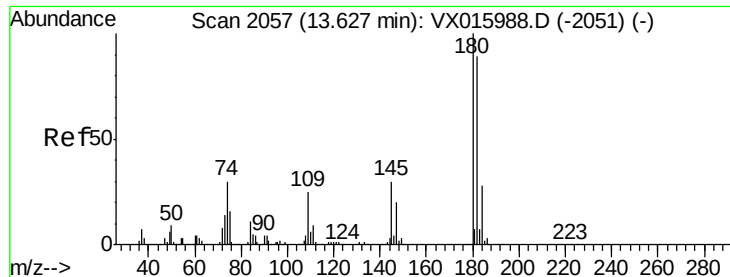
Tot Ion:146 Resp: 127108
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.7 62.1
 148 63.2 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.968 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion: 75 Resp: 20898
 Ion Ratio Lower Upper
 75 100
 155 87.5 66.9 100.3
 157 112.0 88.2 132.2

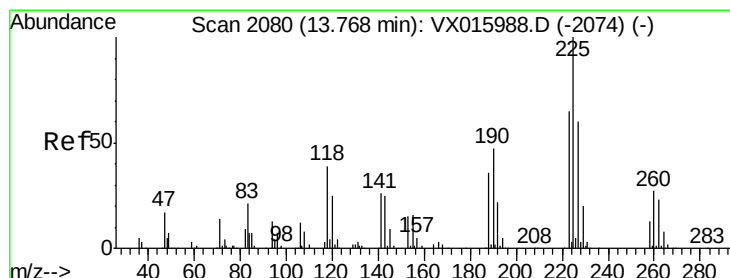
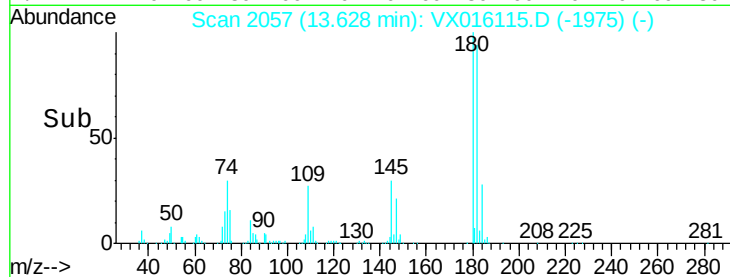
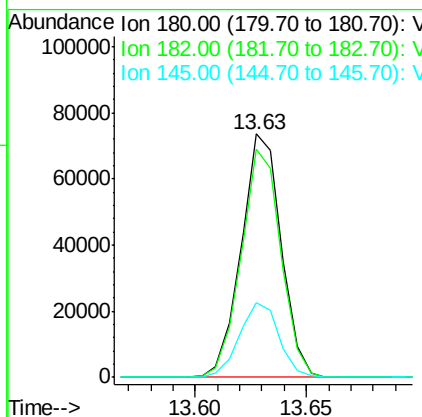
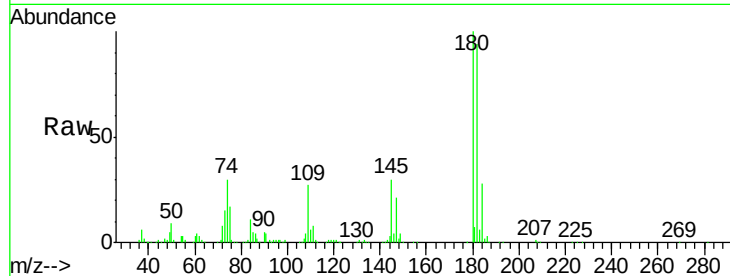




#89
 1,2,4-Trichlorobenzene
 Concen: 18.026 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

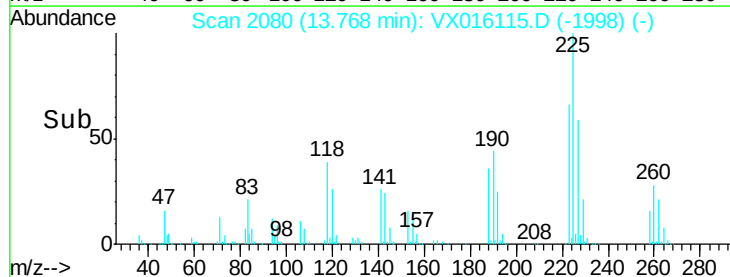
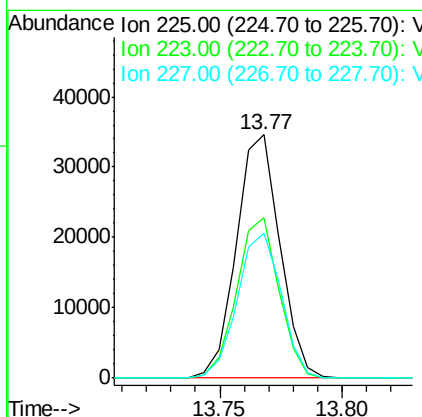
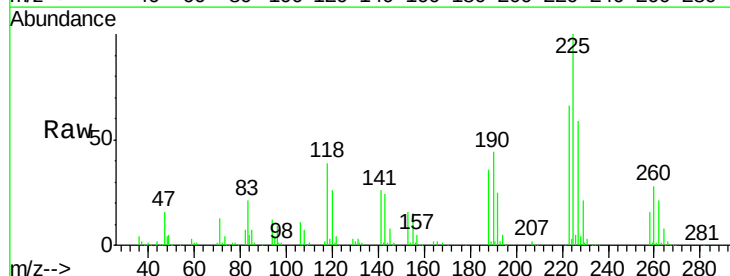
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

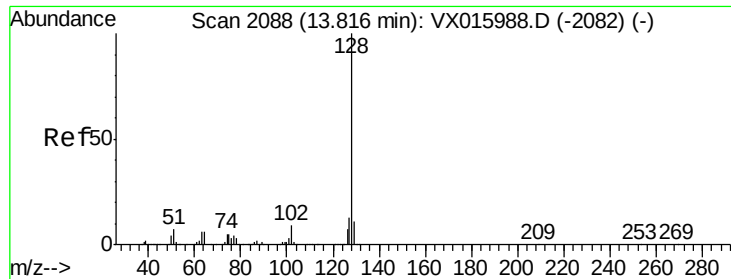
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.0	112.6
145	30.3	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 19.456 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	0.0	123.6
227	60.1	0.0	123.6





#91

Naphthalene

Concen: 18.221 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

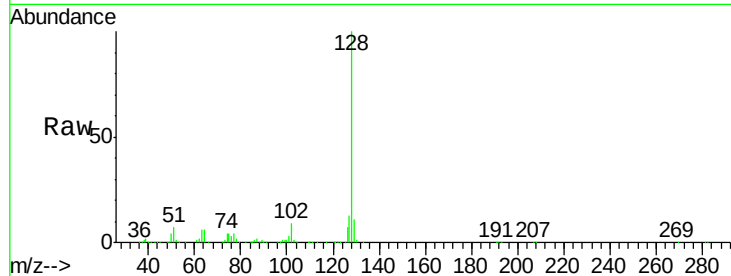
Tot Ion:128 Resp: 297266

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

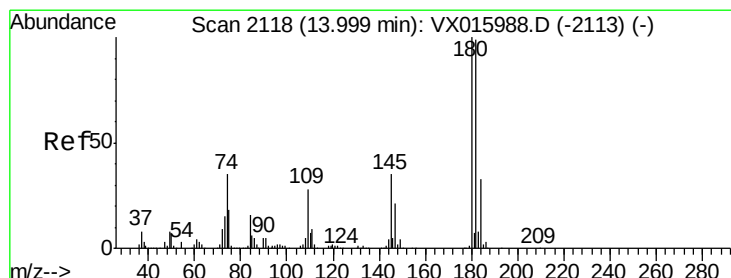
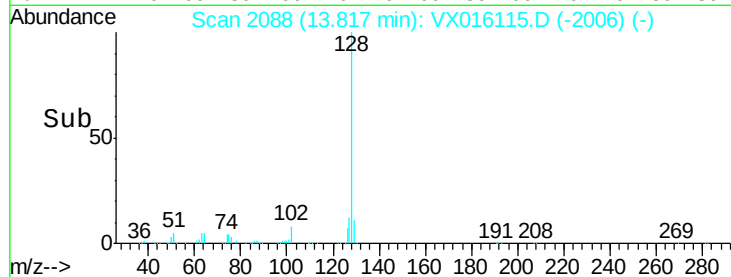
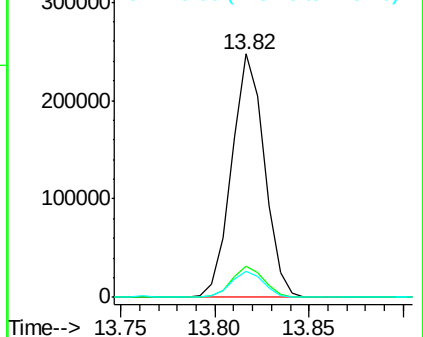
129 10.9 8.6 13.0



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



#92

1,2,3-Trichlorobenzene

Concen: 18.742 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

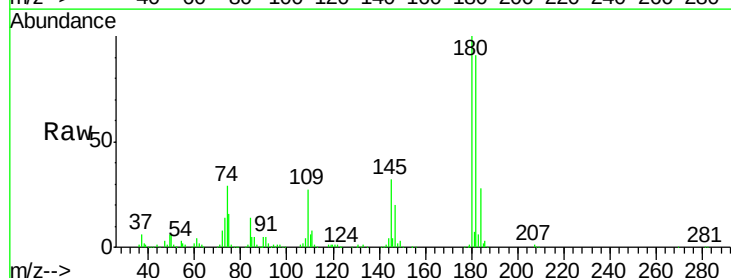
Tgt Ion:180 Resp: 92263

Ion Ratio Lower Upper

180 100

182 95.2 0.0 197.2

145 31.3 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

