

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015462.D
 Acq On : 01 Apr 2020 12:47
 Operator : JC/SP
 Sample : VX0401WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:01:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	186853	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1079898	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	978949	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	467091	31.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.63%
60) 4-Bromofluorobenzene	11.12	95	510972	30.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.67%
63) Toluene-d8	8.70	98	1263398	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	166440	18.653	ug/l 98
3) Chloromethane	1.31	50	200487	18.205	ug/l 100
4) Vinyl Chloride	1.39	62	205141	19.364	ug/l 99
5) Bromomethane	1.64	94	124036	21.993	ug/l 97
6) Chloroethane	1.72	64	126226	19.097	ug/l 96
7) Trichlorofluoromethane	1.92	101	306759	20.261	ug/l 100
8) Diethyl Ether	2.17	74	117969	20.252	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205711	20.537	ug/l 95
10) 1,1-Dichloroethene	2.36	96	204263	20.076	ug/l 99
11) Methyl Iodide	2.49	142	227594	16.833	ug/l 97
12) Methyl Acetate	2.75	43	303450	20.383	ug/l 98
13) Acrolein	2.28	56	201110	103.840	ug/l 93
14) Acrylonitrile	3.12	53	644552	101.127	ug/l 98
15) Acetone	2.42	58	171310	105.701	ug/l 87
16) Carbon Disulfide	2.55	76	597977	20.105	ug/l 99
17) Allyl chloride	2.71	41	466860	20.324	ug/l 97
18) Methylene Chloride	2.84	84	231553	20.271	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	223132	20.274	ug/l 98
20) Diisopropyl ether	3.83	45	843284	20.469	ug/l 94
21) 1,1-Dichloroethane	3.67	63	431291	20.508	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	252554	19.919	ug/l 97
23) tert-Butyl Alcohol	3.03	59	323991	103.344	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	762692	20.190	ug/l 100
25) Chloroform	5.18	83	418644	20.139	ug/l 95
26) Cyclohexane	5.55	56	404781	20.145	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	321381	19.809	ug/l 99
30) 2-Butanone	4.64	43	960192	98.725	ug/l 99
31) 2,2-Dichloropropane	4.55	77	391910	20.073	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	390208	19.712	ug/l 98
33) Carbon Tetrachloride	5.76	117	346578	19.212	ug/l 97
34) Benzene	6.11	78	929545	19.879	ug/l 98
35) Methacrylonitrile	5.00	41	220424	19.986	ug/l 97
36) 1,2-Dichloroethane	6.16	62	377953	20.917	ug/l 99
37) Trichloroethene	7.19	130	254186	19.306	ug/l 97
38) Methylcyclohexane	7.44	83	395885	19.904	ug/l 98
39) 1,2-Dichloropropane	7.49	63	251584	20.031	ug/l 95
40) Dibromomethane	7.64	93	162175	19.399	ug/l 95

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 Sample : VX0401WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:01:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	344524	18.963	ug/l	99
42) Vinyl Acetate	3.78	43	3842395	104.266	ug/l	99
43) Ethyl Acetate	4.79	43	383914	18.147	ug/l #	79
44) Isopropyl Acetate	6.41	43	654871	19.234	ug/l	99
45) 1,4-Dioxane	7.73	88	127590	406.784	ug/l	98
46) Methyl methacrylate	7.75	41	325678	19.168	ug/l	99
47) n-amyl Acetate	10.88	43	546271	18.608	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	395278	18.846	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	424507	19.608	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	230359	19.201	ug/l	98
51) Ethyl methacrylate	9.16	69	382817	18.553	ug/l	99
52) 1,3-Dichloropropane	9.36	76	408283	19.703	ug/l	100
53) Dibromochloromethane	9.56	129	278129	18.806	ug/l	98
54) 1,2-Dibromoethane	9.65	107	242846	18.864	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	983575	100.927	ug/l	98
56) Bromoform	10.84	173	203053	16.698	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1900731	101.449	ug/l	99
59) 2-Hexanone	9.47	43	1411553	99.032	ug/l	99
61) Tetrachloroethene	9.32	164	242918	19.305	ug/l	97
62) Toluene	8.76	91	991323	19.993	ug/l	100
64) Chlorobenzene	10.12	112	622901	19.539	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	239932	18.418	ug/l	100
66) Ethyl Benzene	10.23	91	1118070	19.738	ug/l	97
67) m/p-Xylenes	10.34	106	838122	39.092	ug/l	99
68) o-Xylene	10.68	106	407820	19.461	ug/l	98
69) Styrene	10.70	104	709322	19.428	ug/l	99
70) Isopropylbenzene	11.00	105	1103728	19.867	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	342301	19.010	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	427024	25.345	ug/l	86
73) Bromobenzene	11.24	156	281154	18.853	ug/l	98
74) n-propylbenzene	11.34	91	1275103	20.011	ug/l	99
75) 2-Chlorotoluene	11.40	91	763891	19.710	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	934376	19.585	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	129520	17.839	ug/l	92
78) 4-Chlorotoluene	11.49	91	883607	19.708	ug/l	99
79) tert-butylbenzene	11.76	119	899284	18.860	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	948195	19.619	ug/l	100
81) sec-Butylbenzene	11.93	105	1078521	19.718	ug/l	100
82) p-Isopropyltoluene	12.05	119	991453	19.232	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	495023	18.460	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	484829	18.117	ug/l	96
85) n-Butylbenzene	12.37	91	909587	19.795	ug/l	99
86) Hexachloroethane	12.58	117	183455	18.412	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	484218	18.509	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87445	18.438	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	367073	17.418	ug/l	99
90) Hexachlorobutadiene	13.76	225	168646	15.191	ug/l	99
91) Naphthalene	13.82	128	1115763	18.283	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	359096	17.152	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 09:01:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

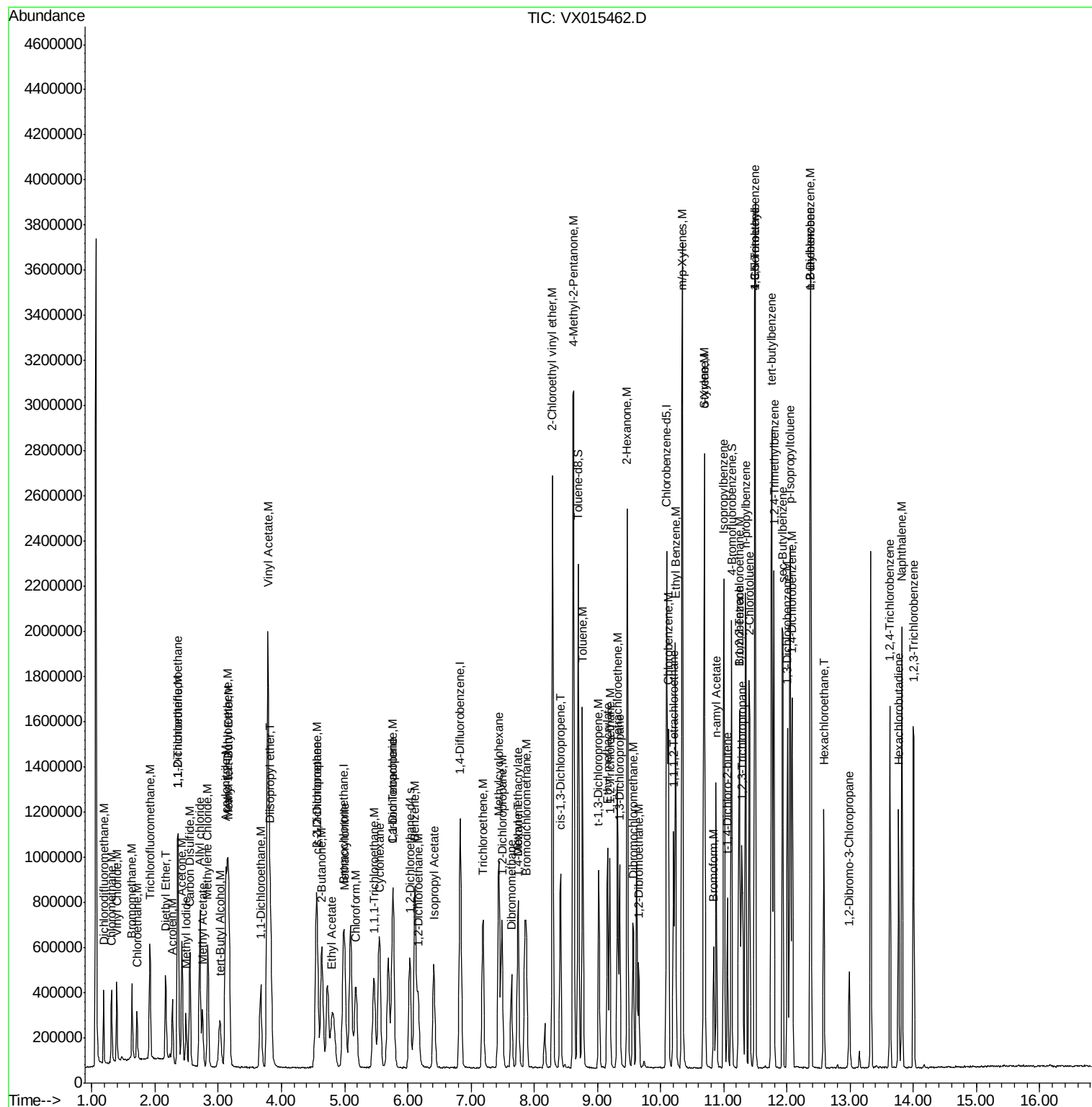
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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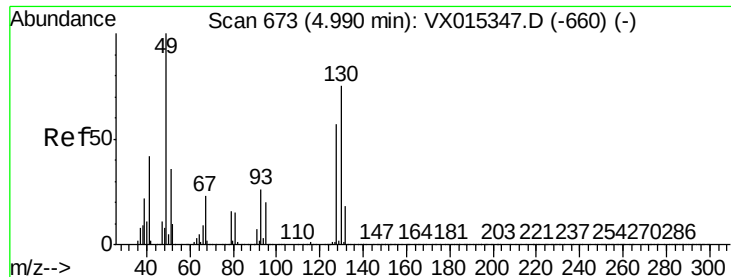
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040120\
Data File : VX015462.D
Acq On : 01 Apr 2020 12:47
Operator : JC/SP
Sample : VX0401WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 02 09:01:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

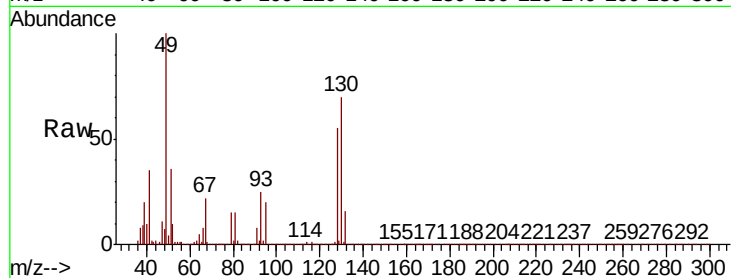
Tot Ion:128 Resp: 186853

Ion Ratio Lower Upper

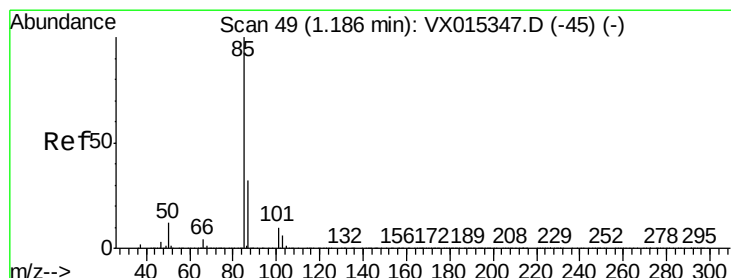
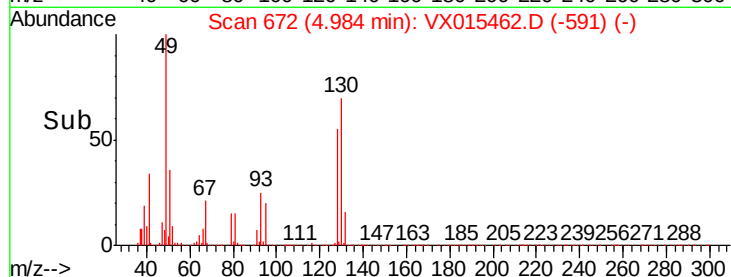
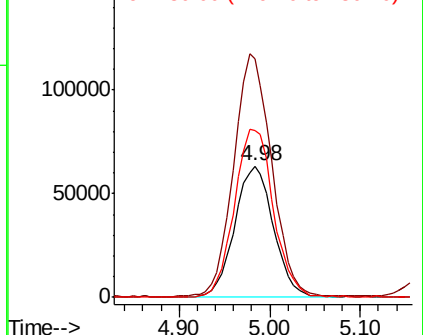
128 100

49 180.1 0.0 428.0

130 129.5 0.0 324.5



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



#2

Dichlorodifluoromethane

Concen: 18.653 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015462.D

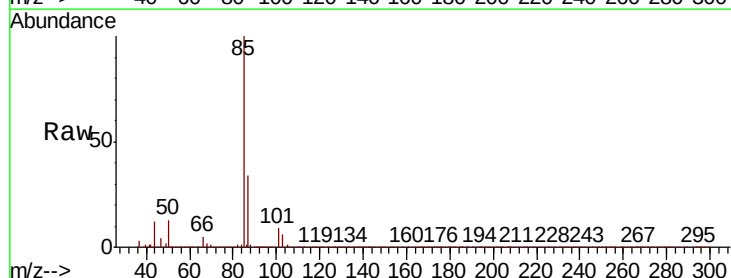
Acq: 01 Apr 2020 12:47

Tgt Ion: 85 Resp: 166440

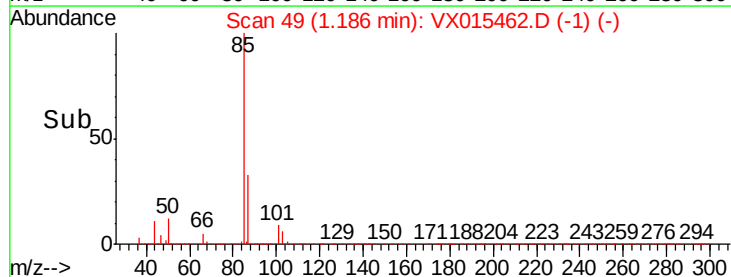
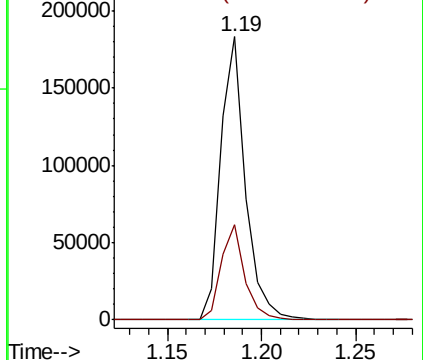
Ion Ratio Lower Upper

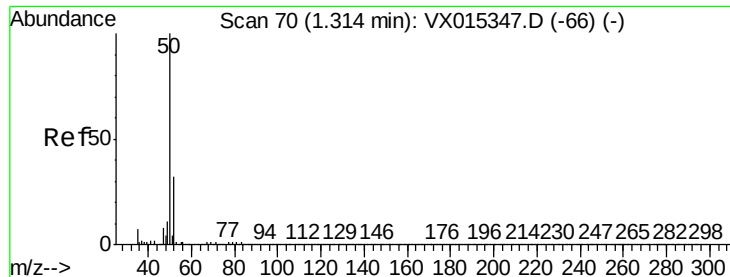
85 100

87 33.6 16.3 48.9



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

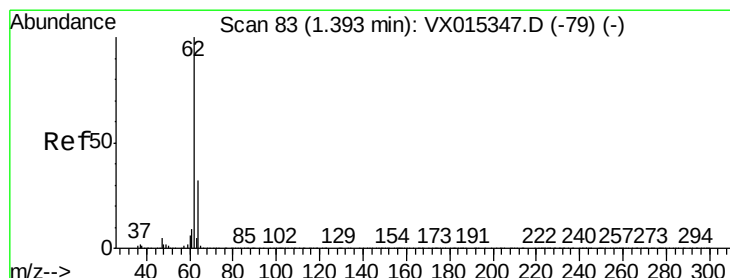
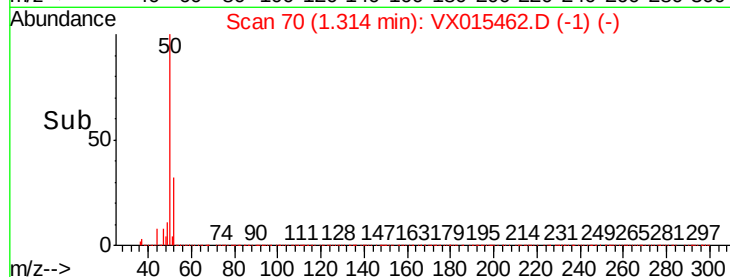
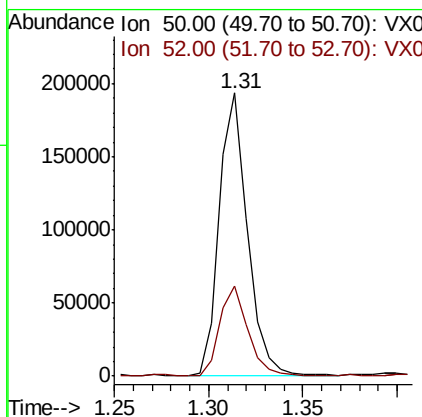
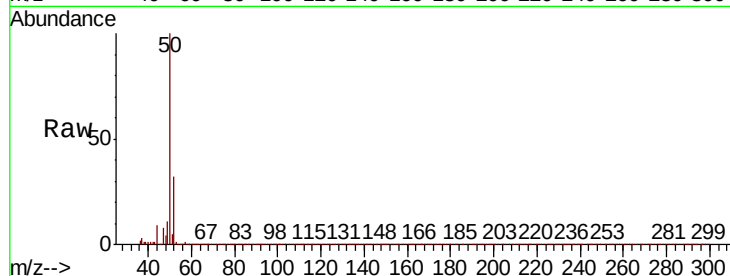




#3
Chloromethane
Concen: 18.205 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

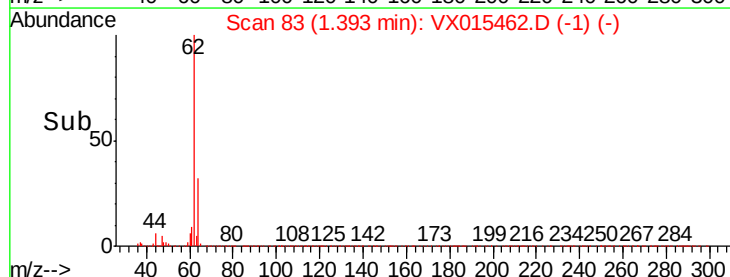
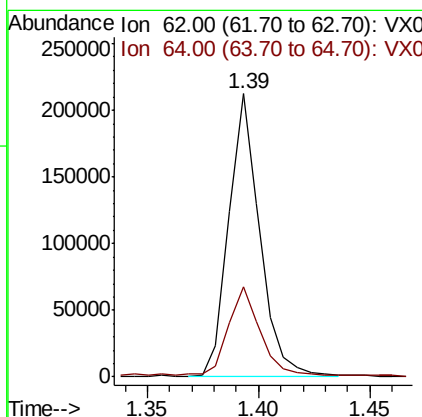
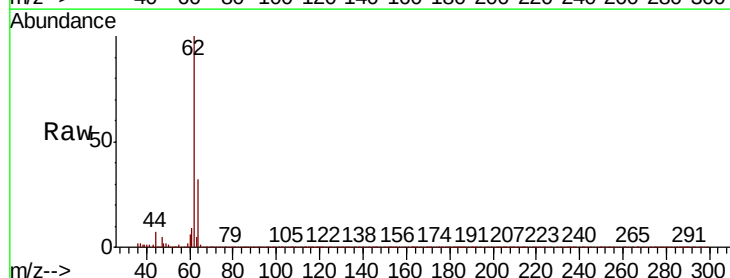
Instrument :
MSVOA_X
ClientSampled :

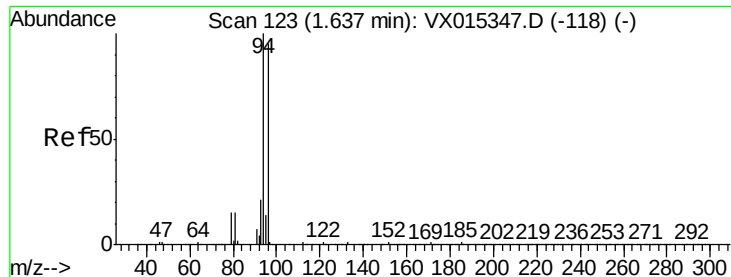
Tot Ion: 50 Resp: 200487
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3



#4
Vinyl Chloride
Concen: 19.364 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 62 Resp: 205141
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5

Bromomethane

Concen: 21.993 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

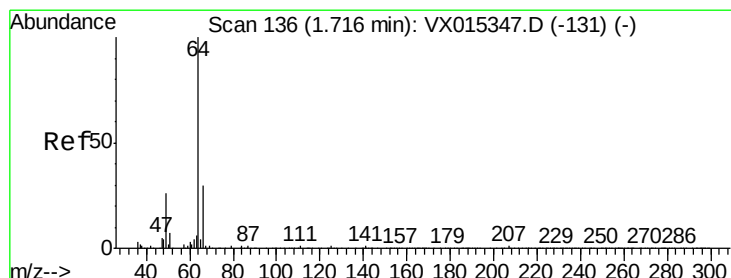
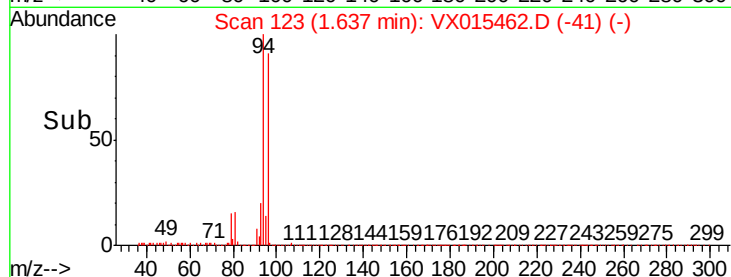
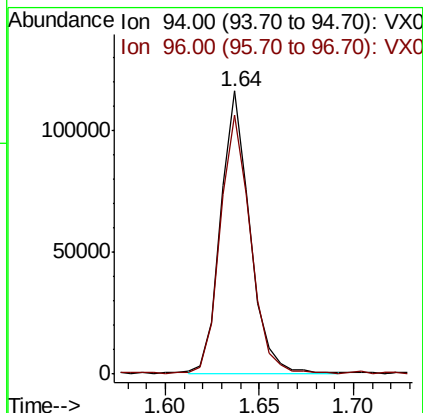
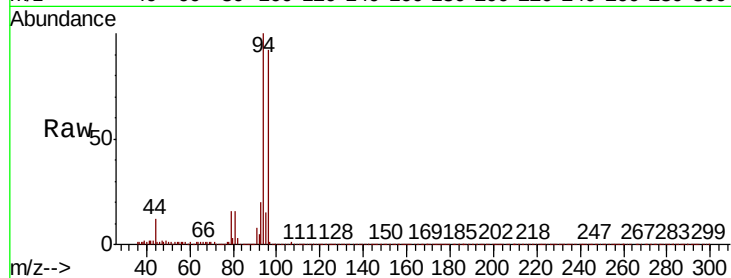
ClientSampleId :

Tot Ion: 94 Resp: 124036

Ion Ratio Lower Upper

94 100

96 91.7 76.1 114.1



#6

Chloroethane

Concen: 19.097 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015462.D

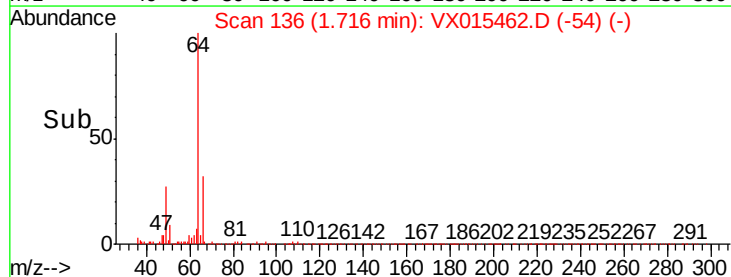
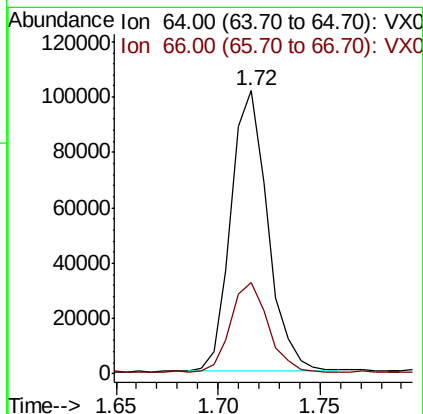
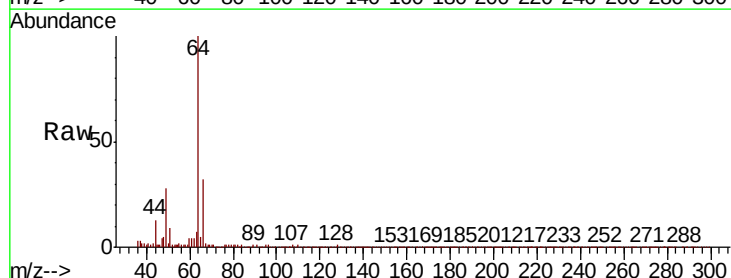
Acq: 01 Apr 2020 12:47

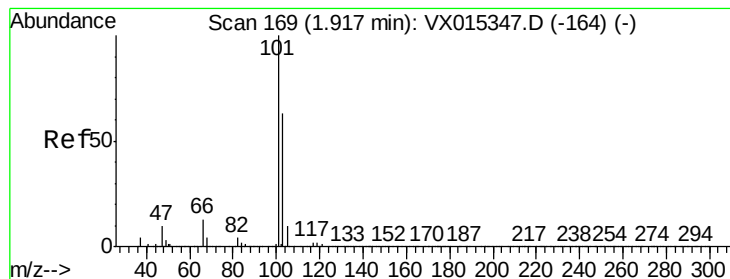
Tgt Ion: 64 Resp: 126226

Ion Ratio Lower Upper

64 100

66 32.4 24.3 36.5



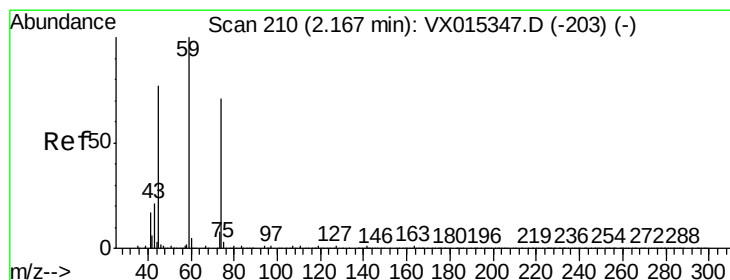
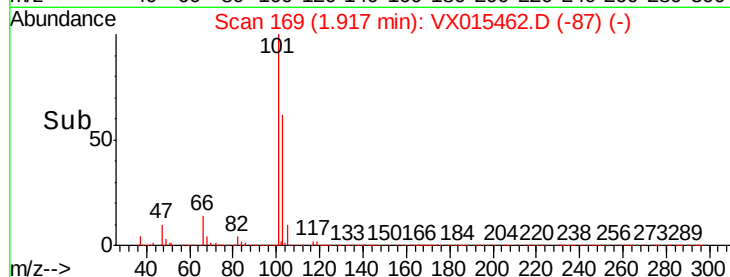
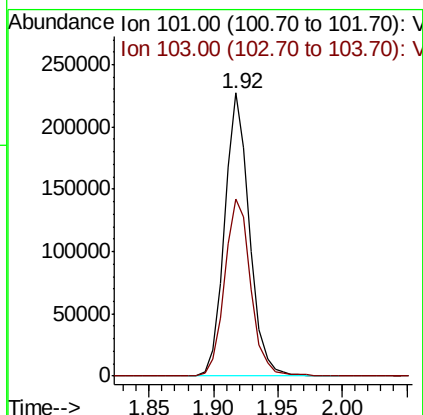
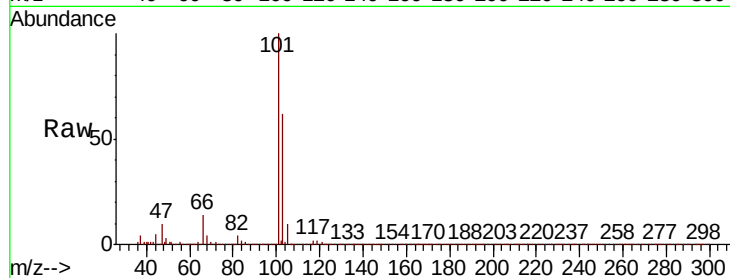


#7

Trichlorofluoromethane
Concen: 20.261 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

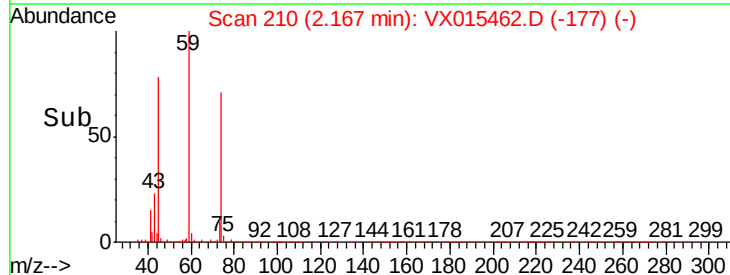
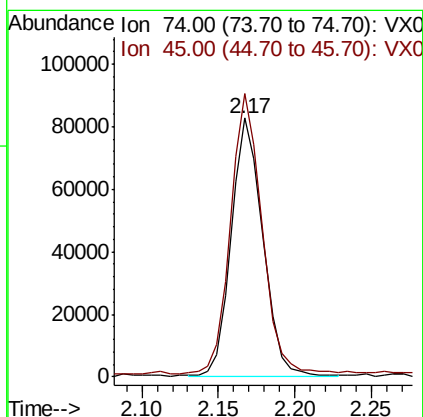
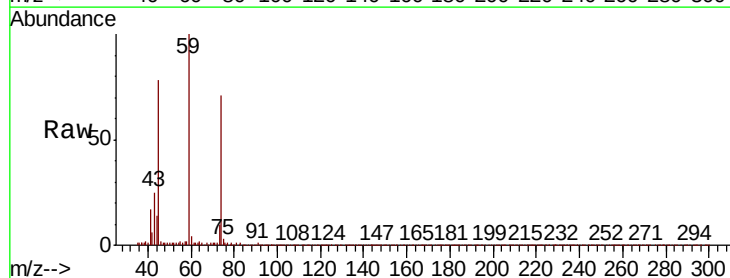
Tot Ion:101 Resp: 306759
Ion Ratio Lower Upper
101 100
103 62.3 49.9 74.9

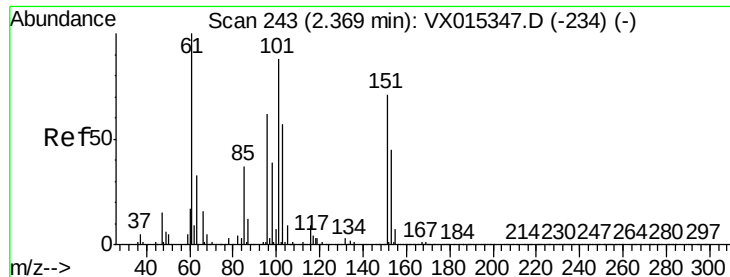


#8

Diethyl Ether
Concen: 20.252 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 74 Resp: 117969
Ion Ratio Lower Upper
74 100
45 107.6 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.537 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

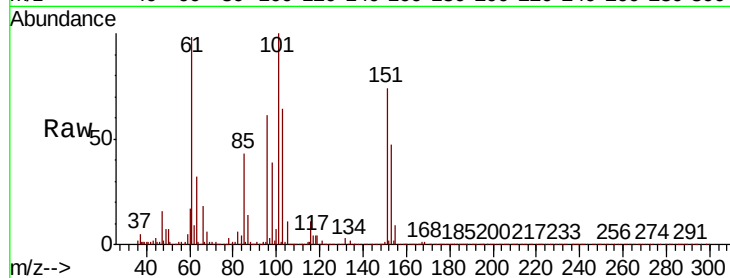
Tot Ion: 101 Resp: 205711

Ion Ratio Lower Upper

101 100

85 45.5 0.0 85.8

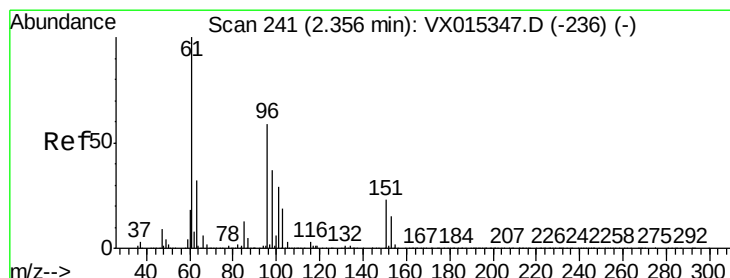
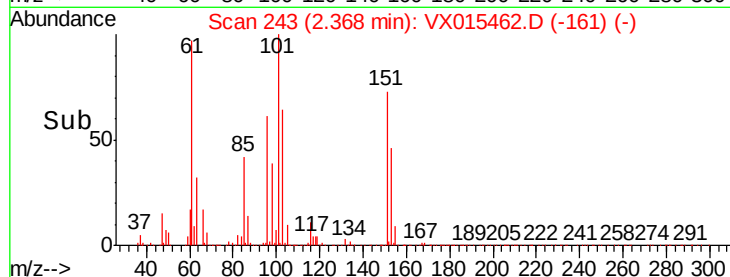
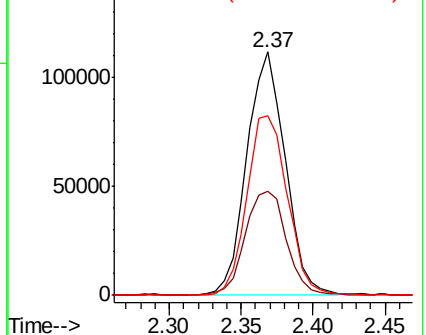
151 77.9 0.0 164.6



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: 20.076 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

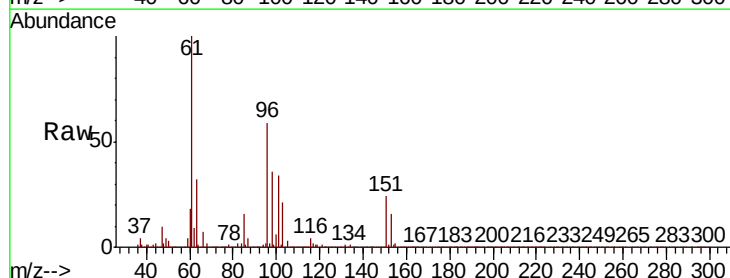
Tgt Ion: 96 Resp: 204263

Ion Ratio Lower Upper

96 100

61 170.6 135.5 203.3

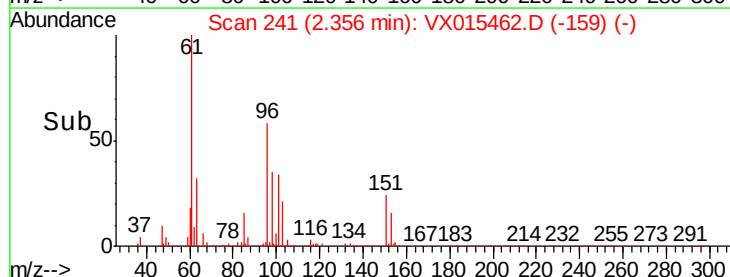
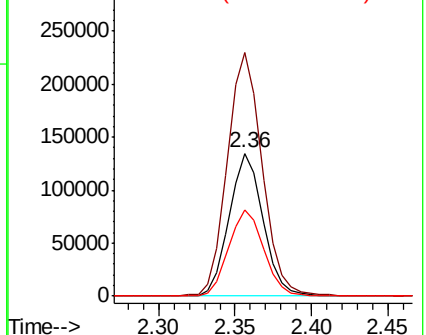
98 60.5 50.2 75.2

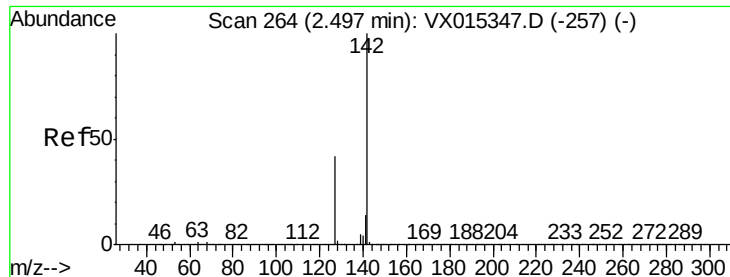


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

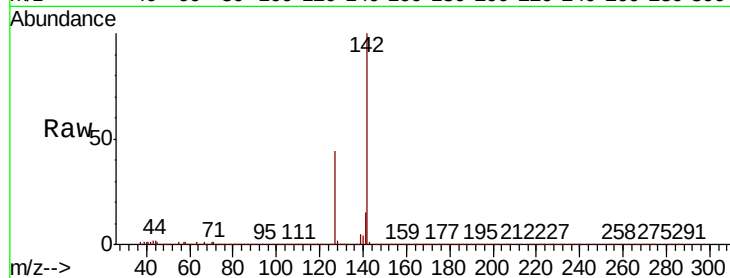




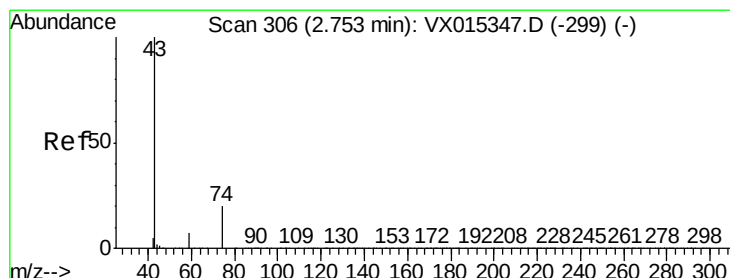
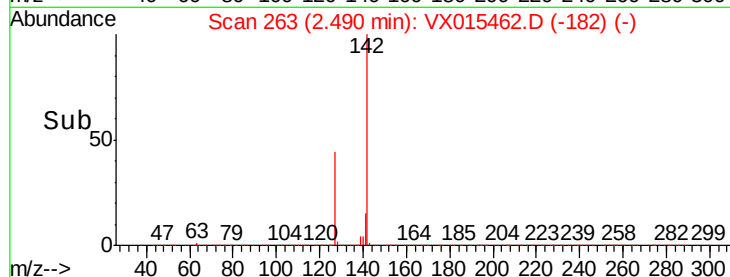
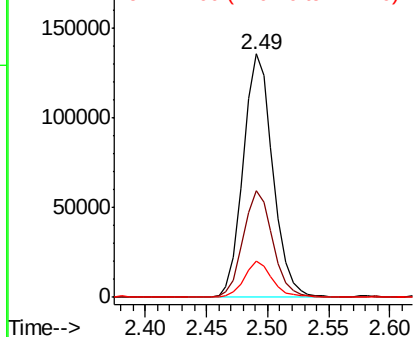
#11
Methyl Iodide
Concen: 16.833 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.9	21.0	63.0
141	14.6	6.9	20.7

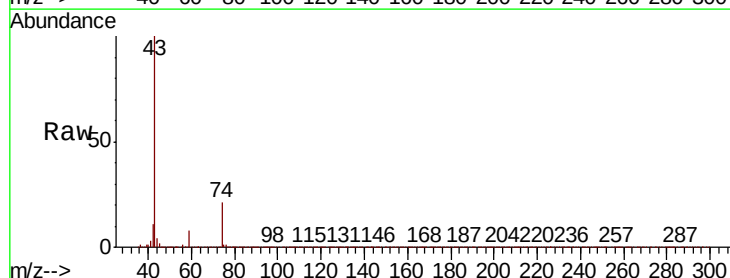


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

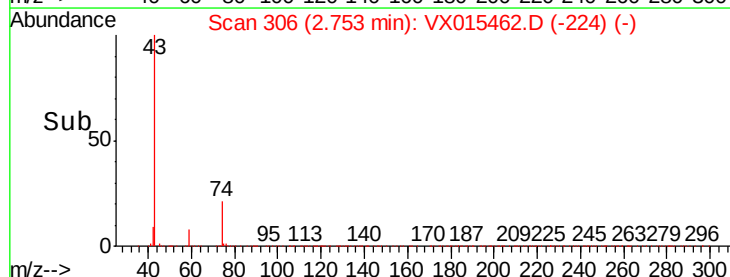
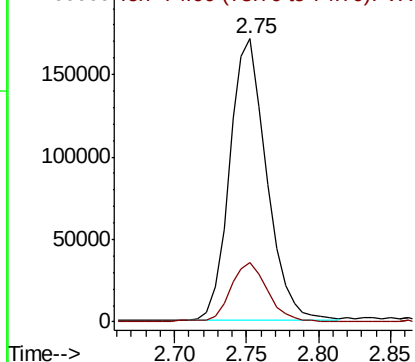


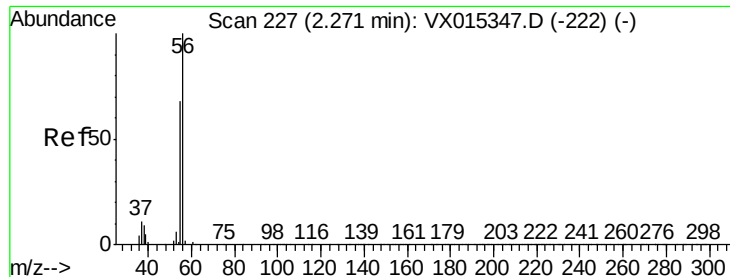
#12
Methyl Acetate
Concen: 20.383 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	15.8	23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 103.840 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

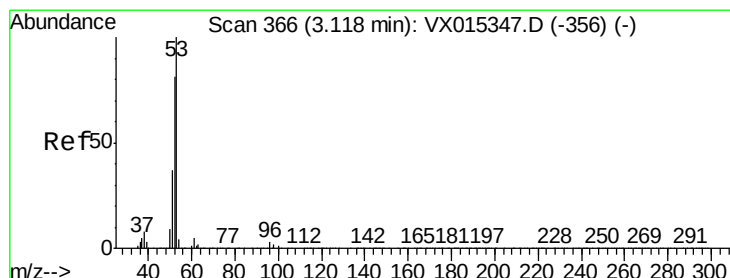
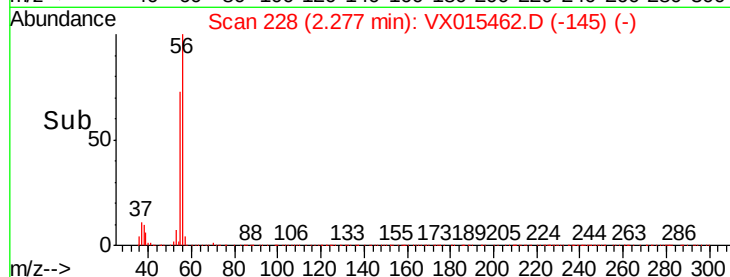
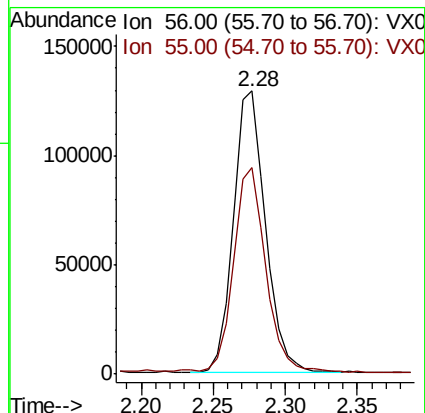
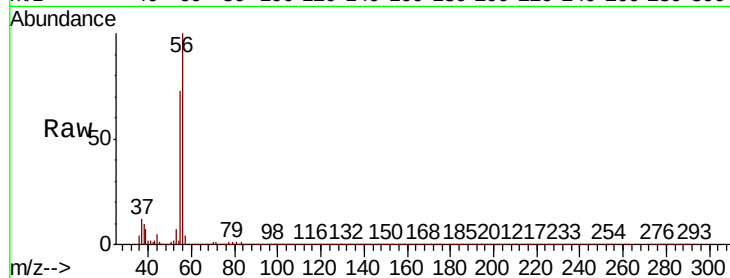
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 201110

Ion Ratio Lower Upper

56 100

55 72.7 53.5 80.3



#14

Acrylonitrile

Concen: 101.127 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

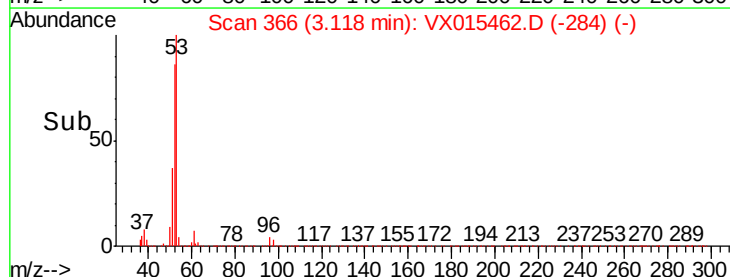
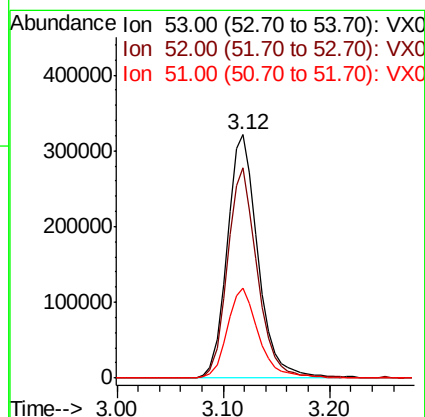
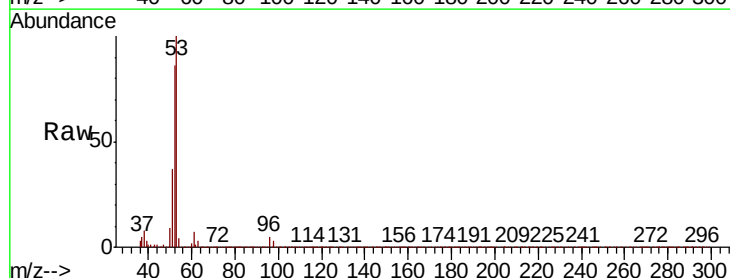
Tgt Ion: 53 Resp: 644552

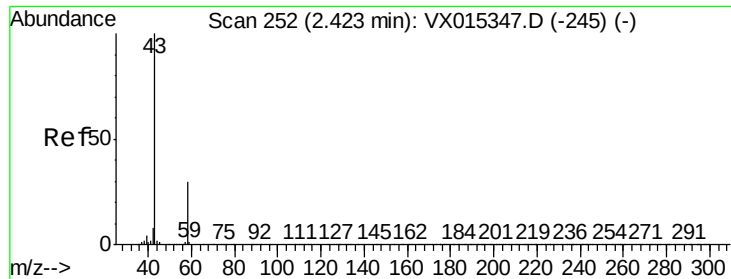
Ion Ratio Lower Upper

53 100

52 83.8 41.0 123.2

51 37.3 18.4 55.4

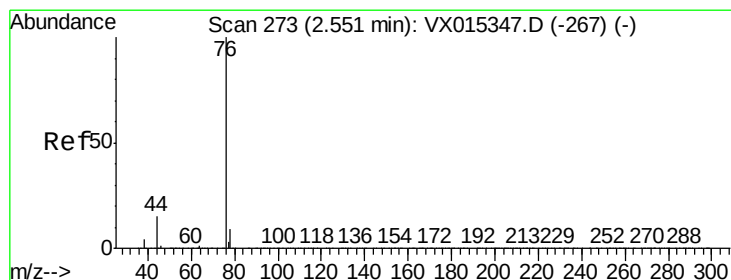
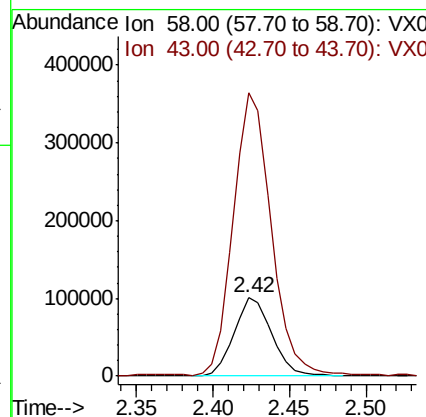
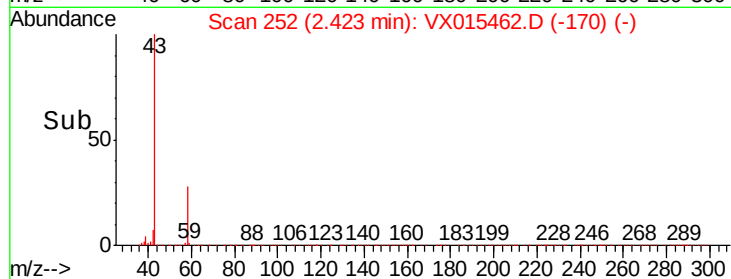
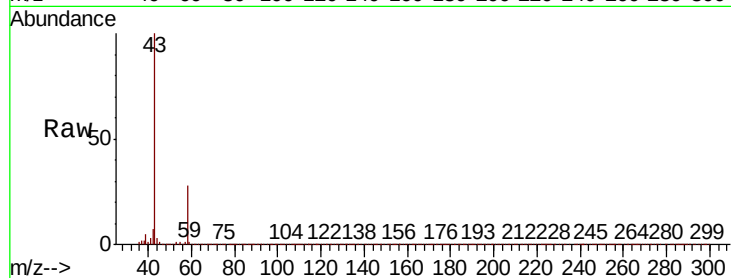




#15
Acetone
Concen: 105.701 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

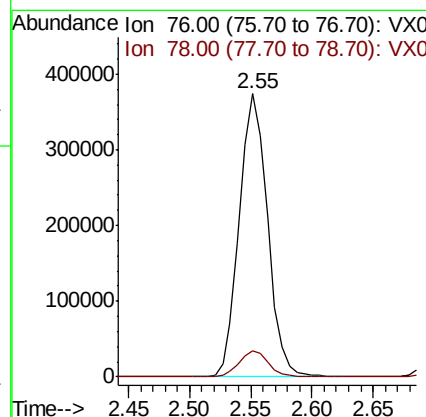
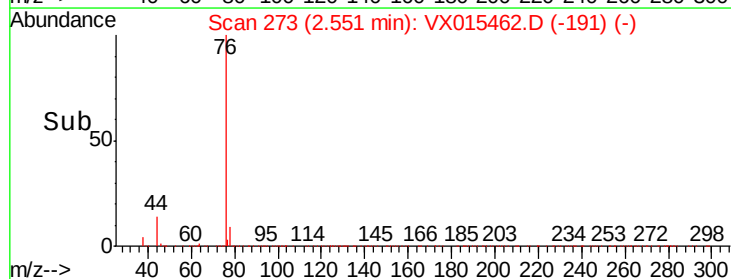
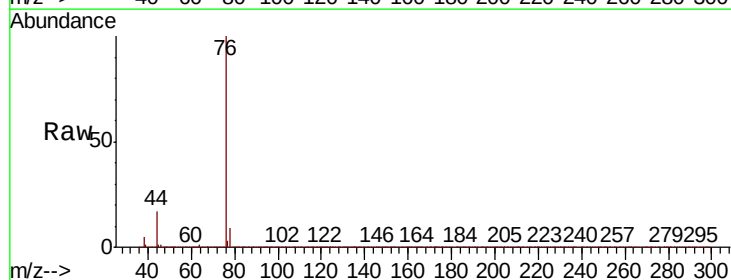
Instrument :
MSVOA_X
ClientSampleId :

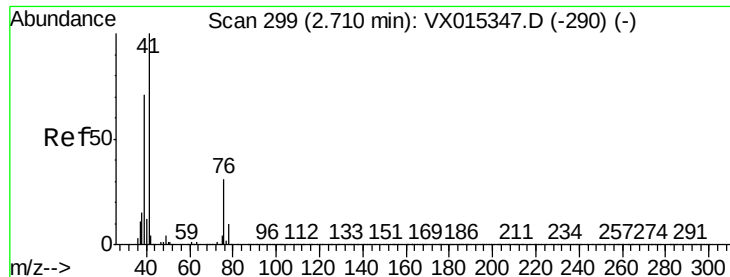
Tot Ion: 58 Resp: 171310
Ion Ratio Lower Upper
58 100
43 363.0 267.8 401.8



#16
Carbon Disulfide
Concen: 20.105 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 76 Resp: 597977
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

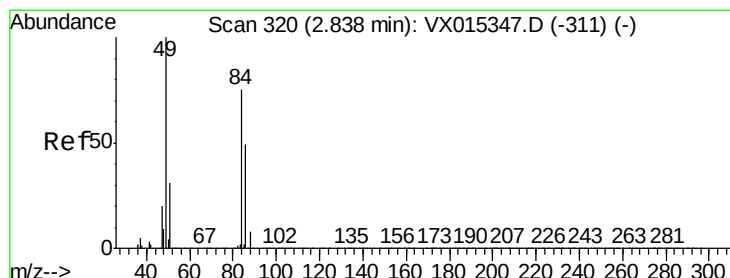
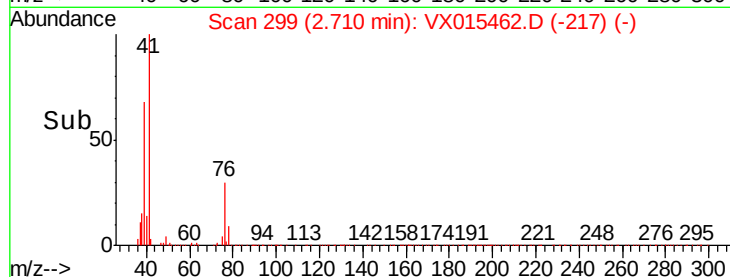
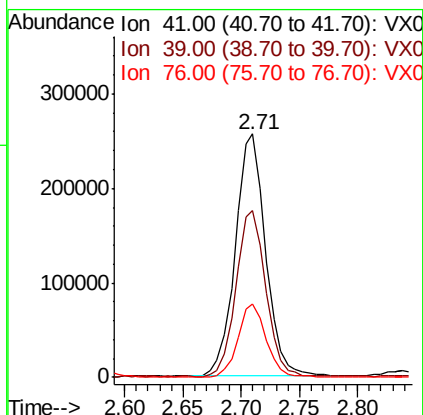
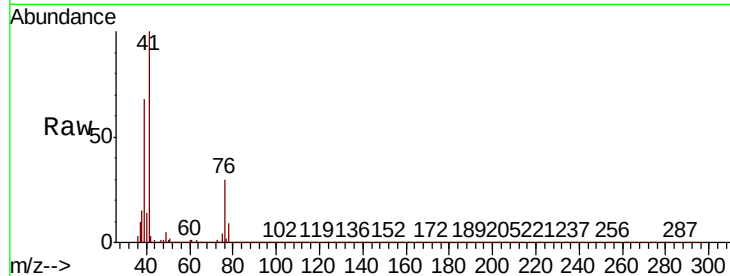




#17
Allvl chloride
Concen: 20.324 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

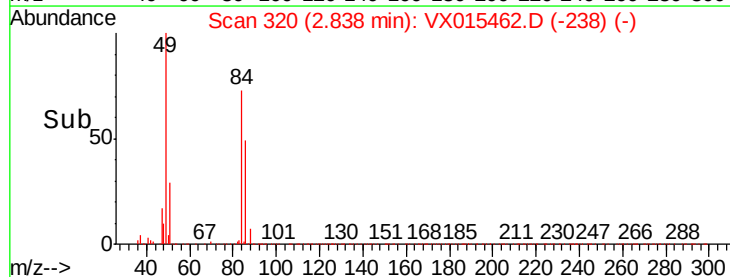
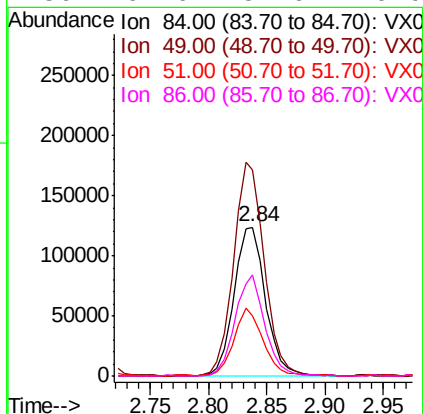
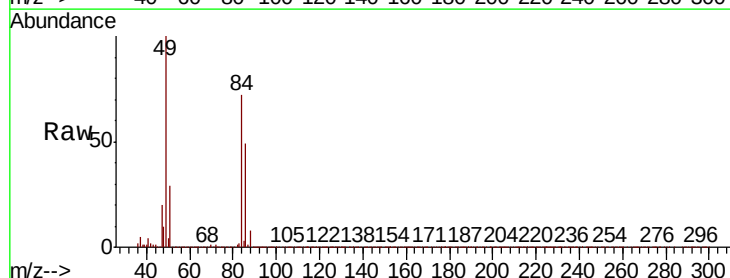
Instrument :
MSVOA_X
ClientSampleId :

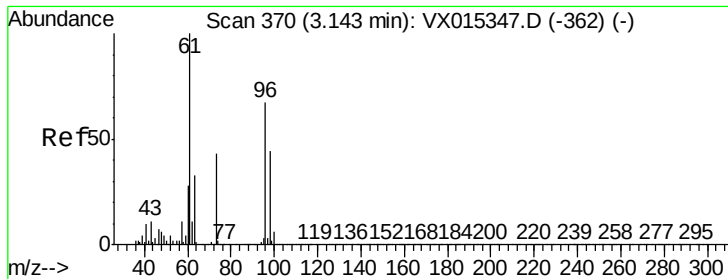
Tot Ion: 41 Resp: 466860
Ion Ratio Lower Upper
41 100
39 68.3 35.6 106.8
76 30.1 15.4 46.4



#18
Methylene Chloride
Concen: 20.271 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 84 Resp: 231553
Ion Ratio Lower Upper
84 100
49 138.4 107.0 160.4
51 40.1 33.4 50.0
86 67.6 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 20.274 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

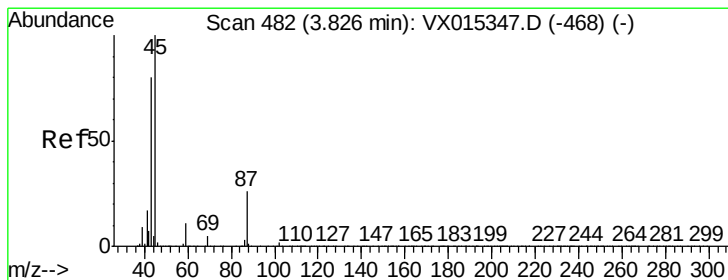
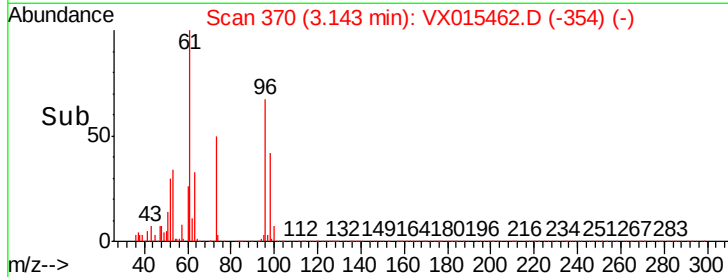
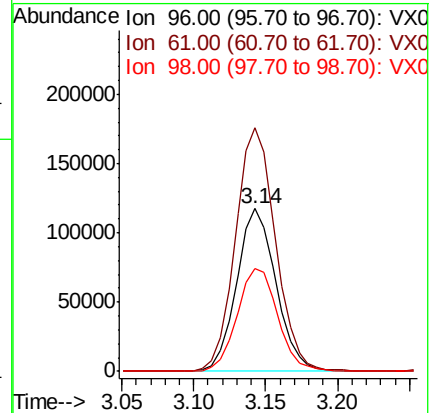
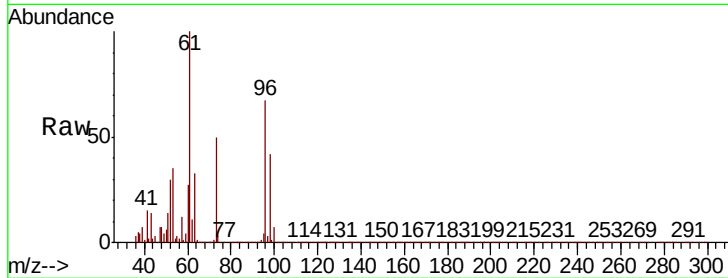
Tot Ion: 96 Resp: 223132

Ion Ratio Lower Upper

96 100

61 149.5 118.2 177.2

98 63.4 51.9 77.9



#20

Diisopropyl ether

Concen: 20.469 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Tgt Ion: 45 Resp: 843284

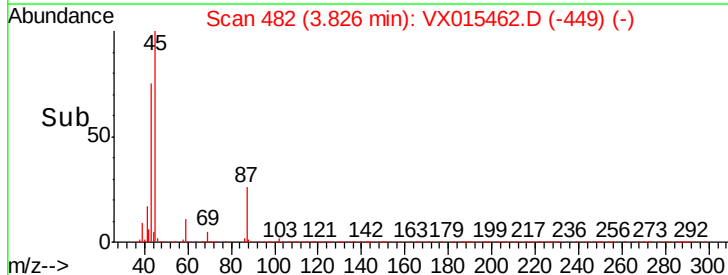
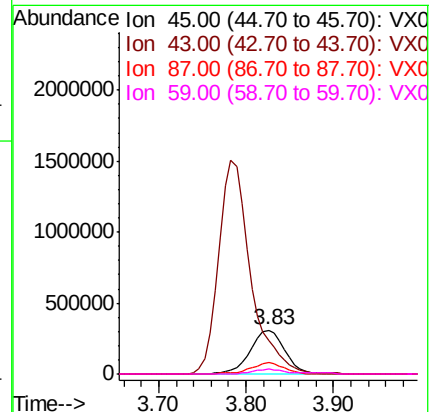
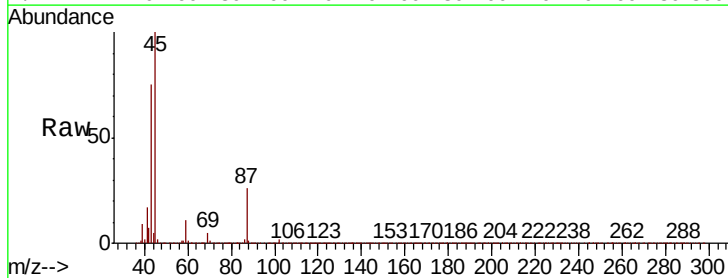
Ion Ratio Lower Upper

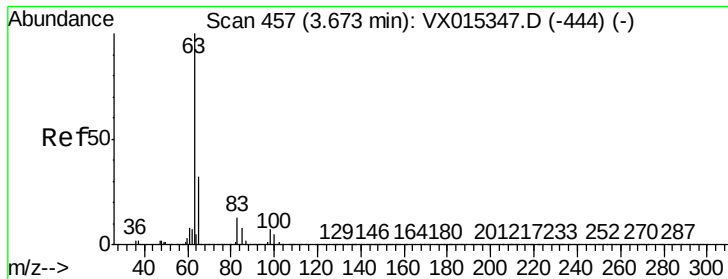
45 100

43 73.4 64.4 96.6

87 25.7 20.4 30.6

59 11.0 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.508 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

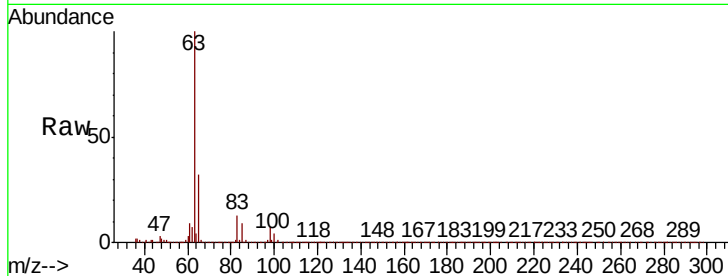
Tot Ion: 63 Resp: 431291

Ion Ratio Lower Upper

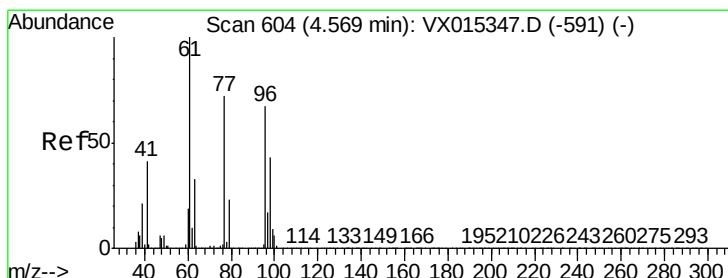
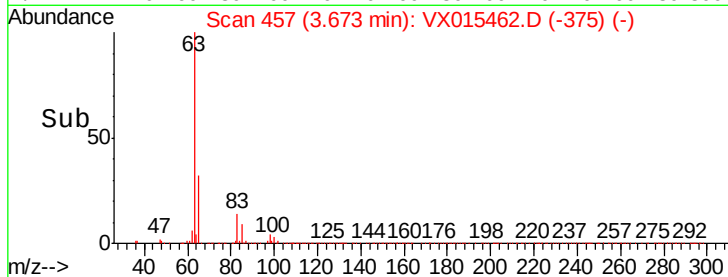
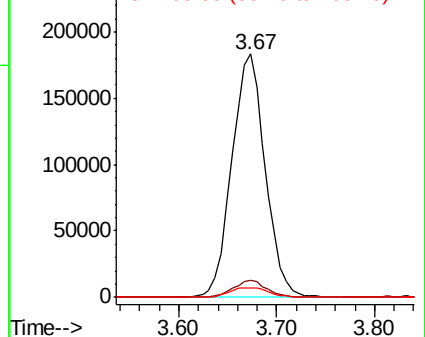
63 100

98 6.7 3.3 9.9

100 3.9 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.919 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

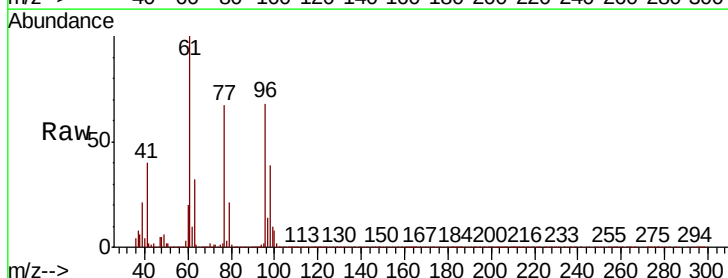
Tgt Ion: 96 Resp: 252554

Ion Ratio Lower Upper

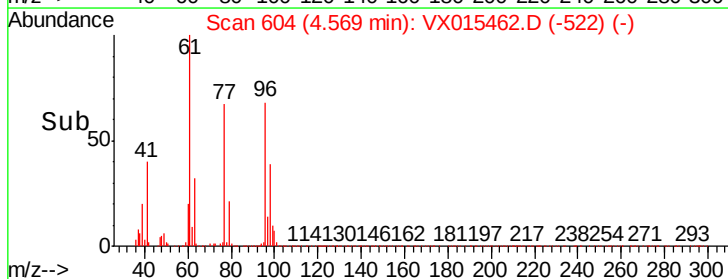
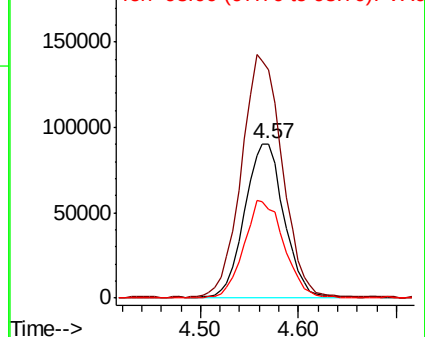
96 100

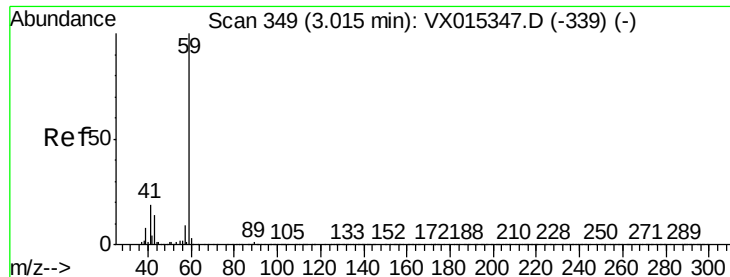
61 164.5 127.2 190.8

98 64.0 51.8 77.6



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



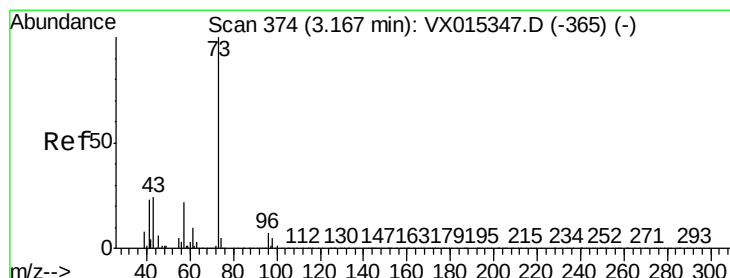
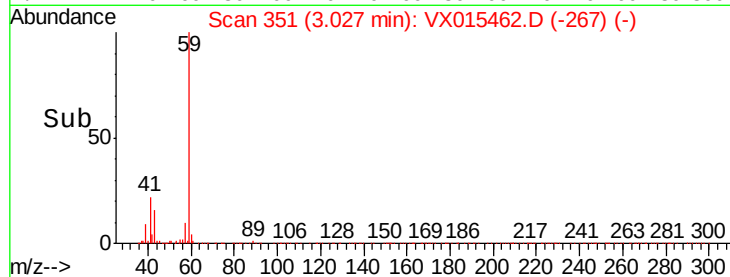
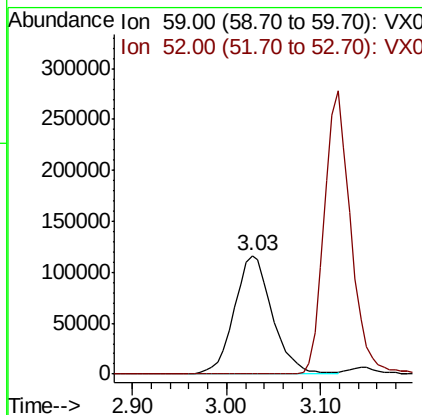
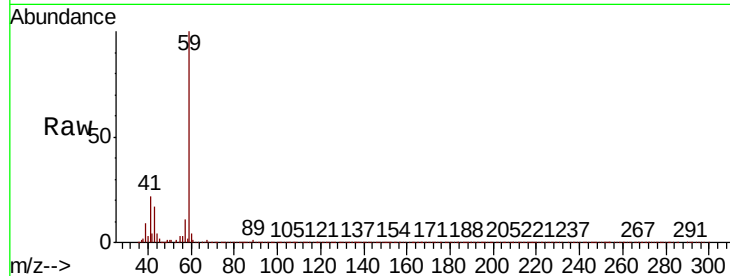


#23

tert-Butyl Alcohol
 Concen: 103.344 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

Instrument :
 MSVOA_X
 ClientSampled :

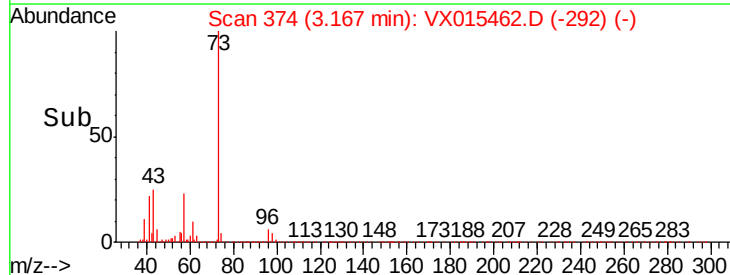
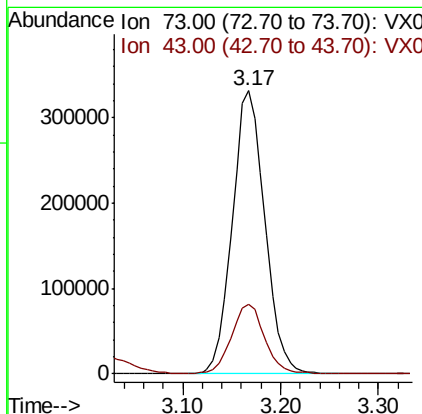
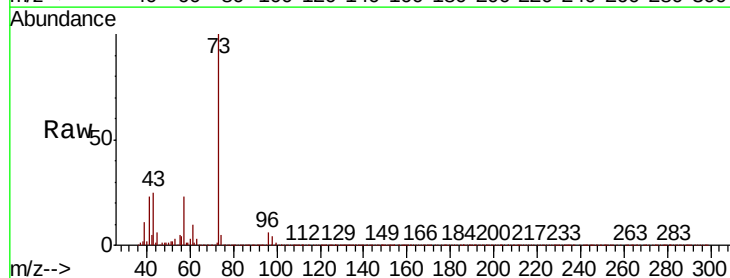
Tot Ion: 59 Resp: 323991
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

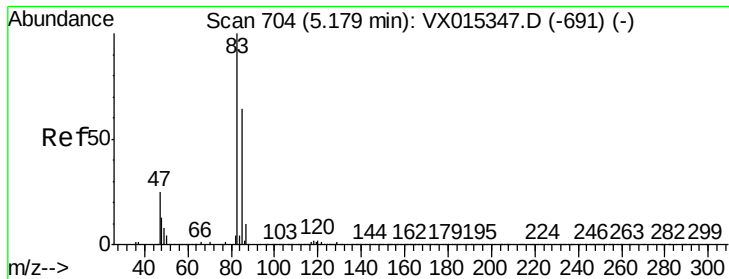


#24

Methyl tert-Butyl Ether
 Concen: 20.190 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

Tgt Ion: 73 Resp: 762692
 Ion Ratio Lower Upper
 73 100
 43 24.2 19.2 28.8

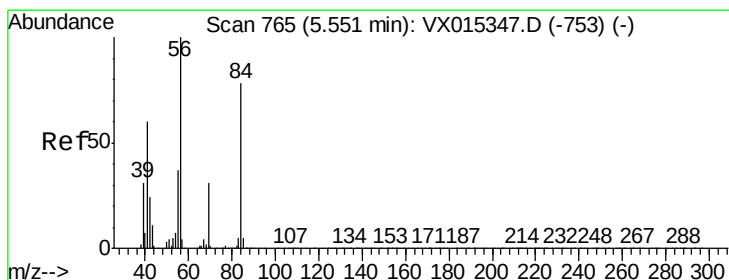
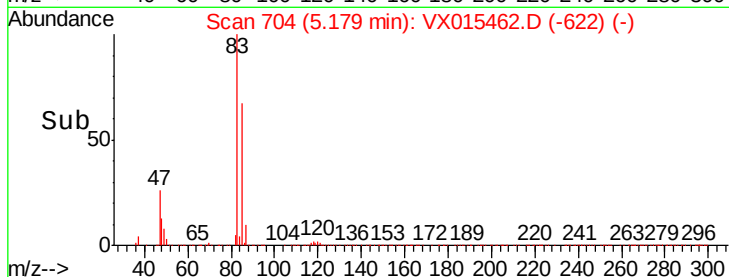
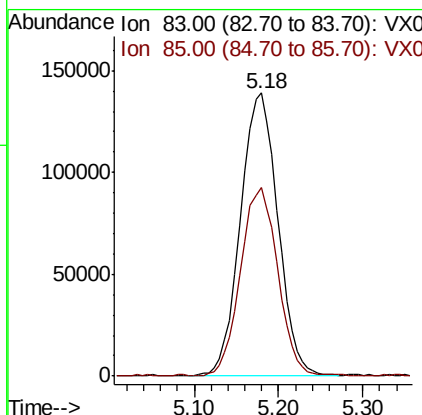
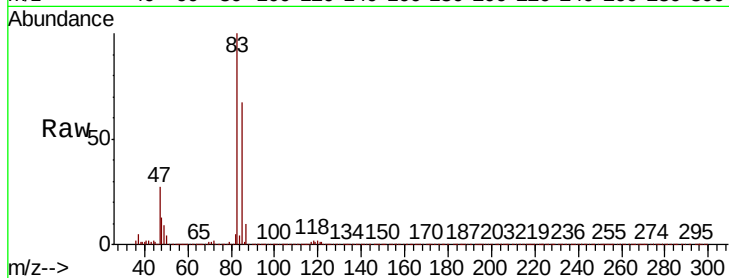




#25
Chloroform
Concen: 20.139 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

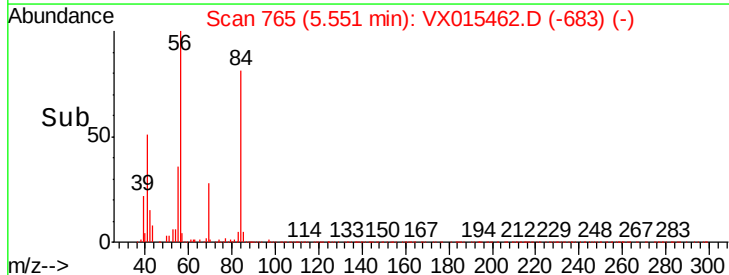
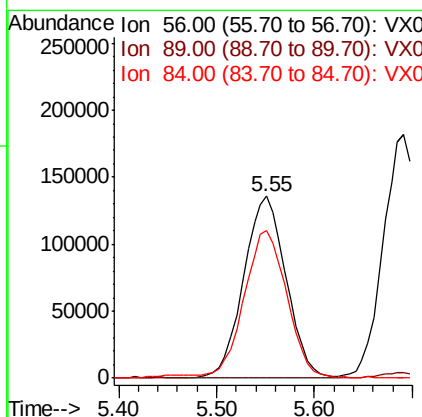
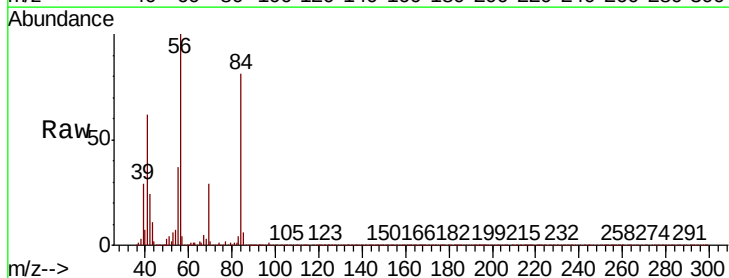
Instrument :
MSVOA_X
ClientSampleId :

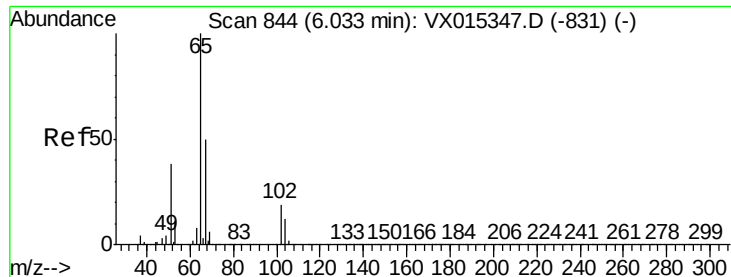
Tot Ion: 83 Resp: 418644
Ion Ratio Lower Upper
83 100
85 66.8 50.5 75.7



#26
Cyclohexane
Concen: 20.145 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 56 Resp: 404781
Ion Ratio Lower Upper
56 100
89 0.3 0.1 0.1#
84 82.1 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.990 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

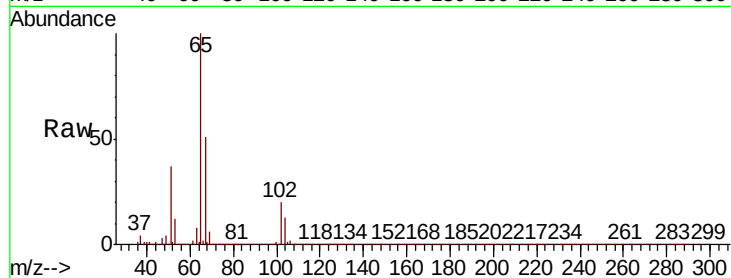
ClientSampleId :

Tot Ion: 65 Resp: 467091

Ion Ratio Lower Upper

65 100

67 50.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

200000

150000

100000

50000

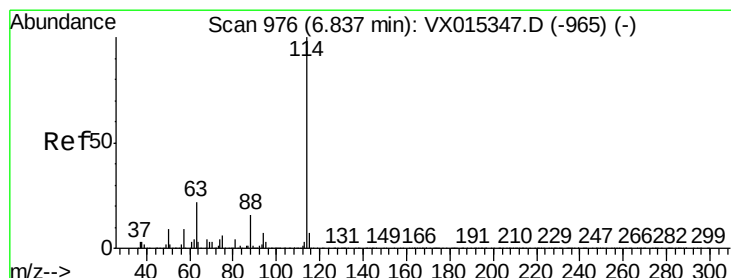
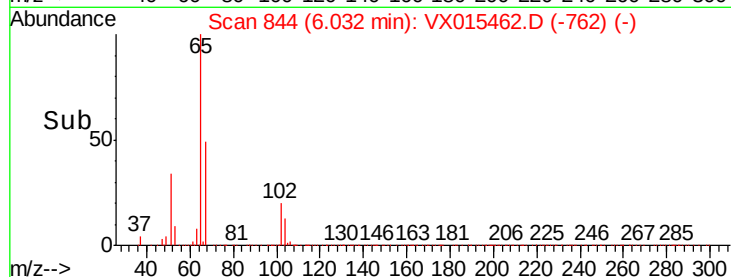
0

Time-->

5.90

6.00

6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

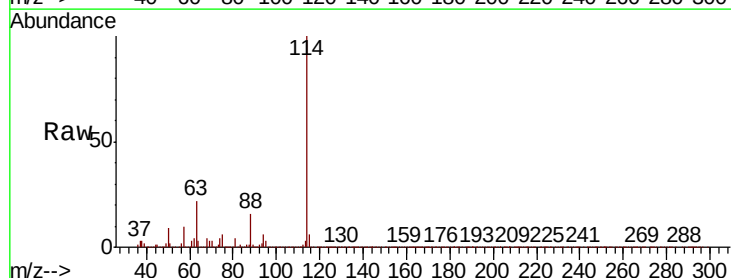
Tgt Ion: 114 Resp: 1079898

Ion Ratio Lower Upper

114 100

63 22.6 17.4 26.2

88 16.4 12.9 19.3



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

6.83

600000

500000

400000

300000

200000

100000

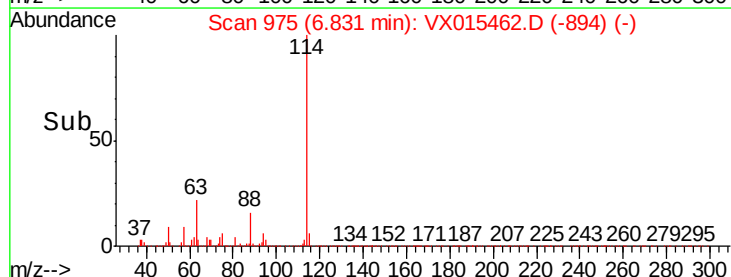
0

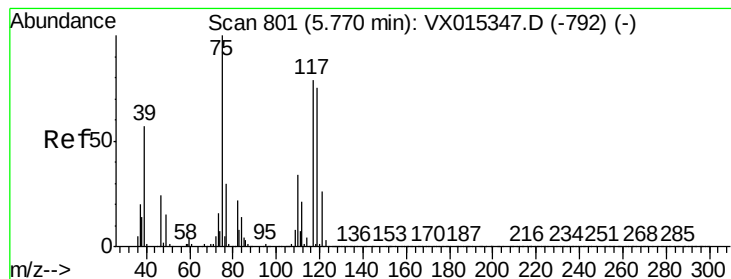
Time-->

6.70

6.80

6.90





#29

1,1-Dichloropropene

Concen: 19.809 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

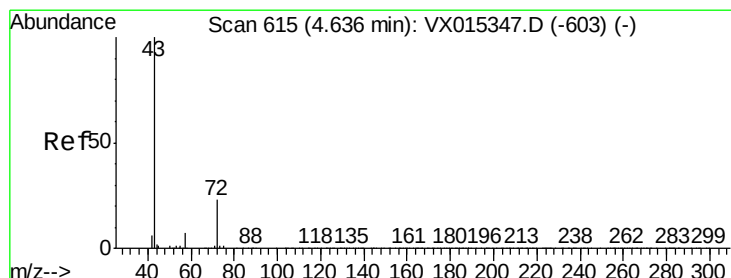
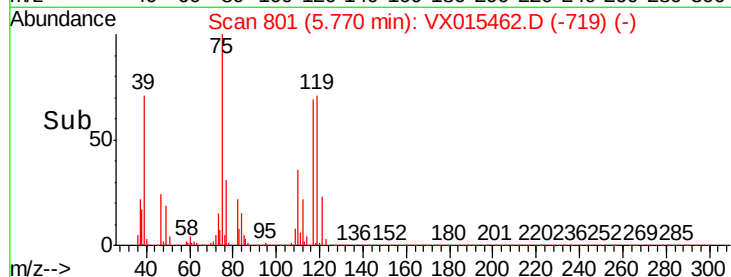
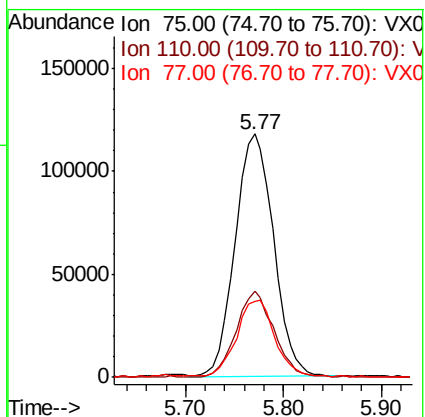
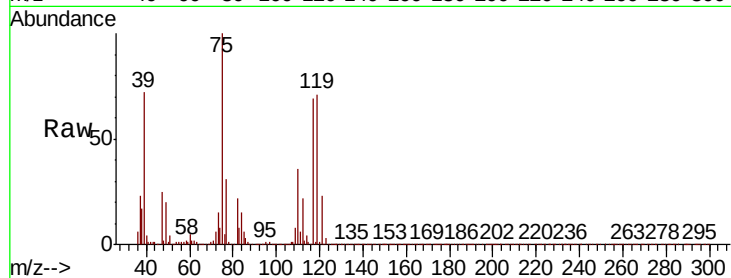
Tot Ion: 75 Resp: 321381

Ion Ratio Lower Upper

75 100

110 34.9 0.0 71.2

77 31.5 0.0 62.2



#30

2-Butanone

Concen: 98.725 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

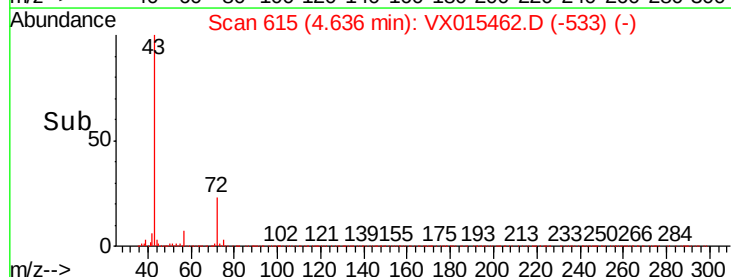
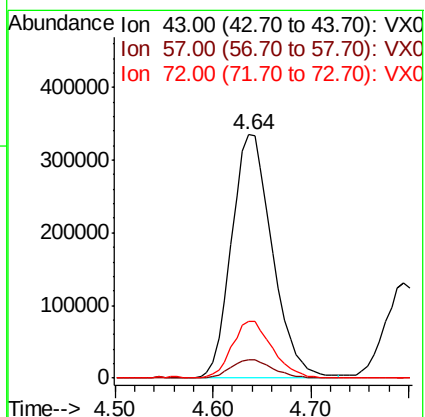
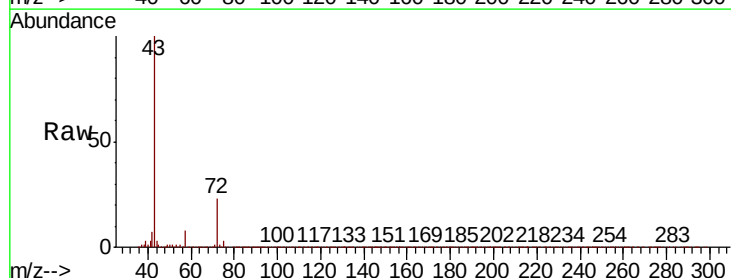
Tgt Ion: 43 Resp: 960192

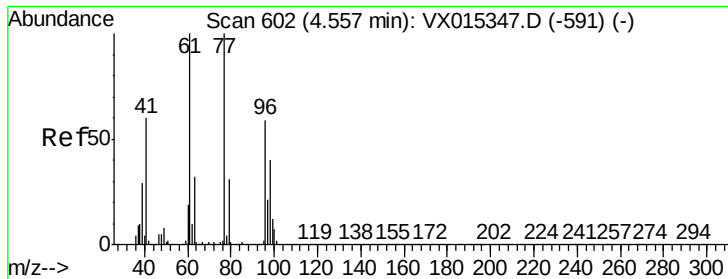
Ion Ratio Lower Upper

43 100

57 7.7 5.9 8.9

72 22.8 18.6 27.8





#31

2,2-Dichloropropane

Concen: 20.073 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

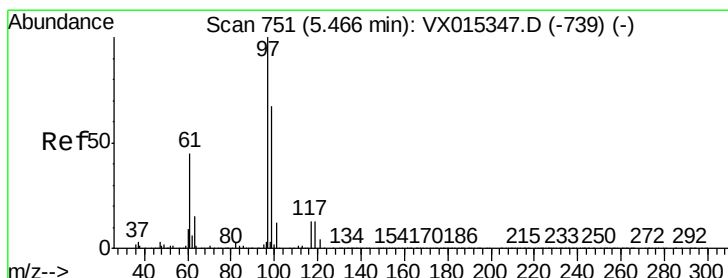
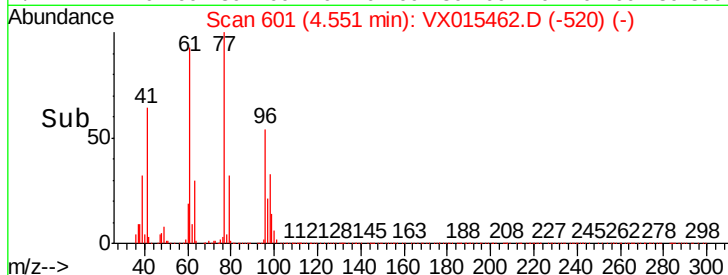
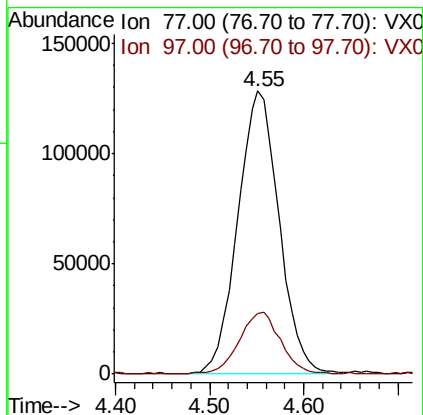
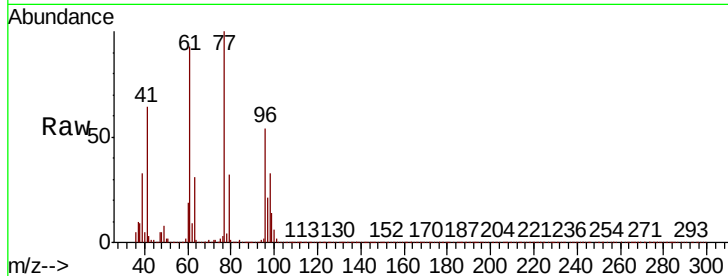
ClientSampled :

Tot Ion: 77 Resp: 391910

Ion Ratio Lower Upper

77 100

97 22.1 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.712 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

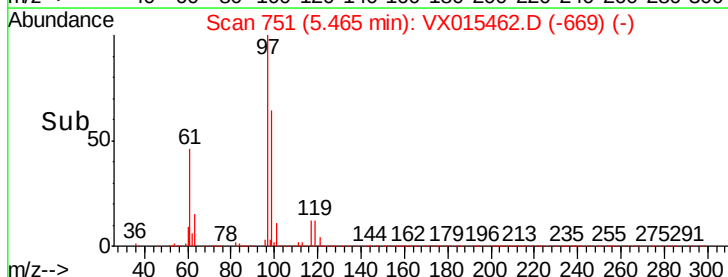
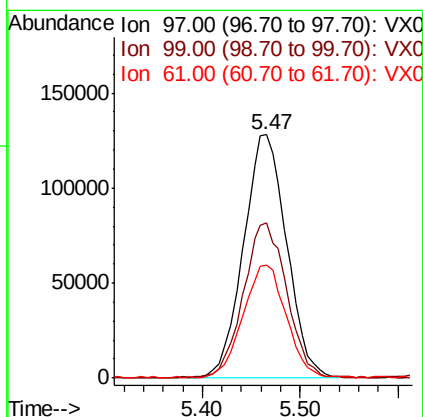
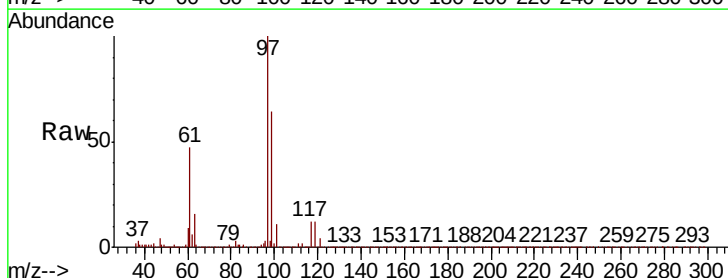
Tgt Ion: 97 Resp: 390208

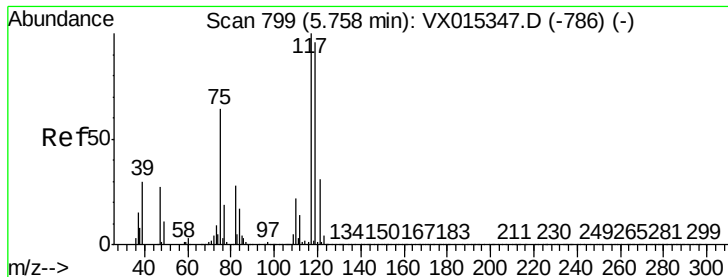
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 46.2 35.8 53.8





#33

Carbon Tetrachloride

Concen: 19.212 ug/l

RT: 5.76 min Scan# 799

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

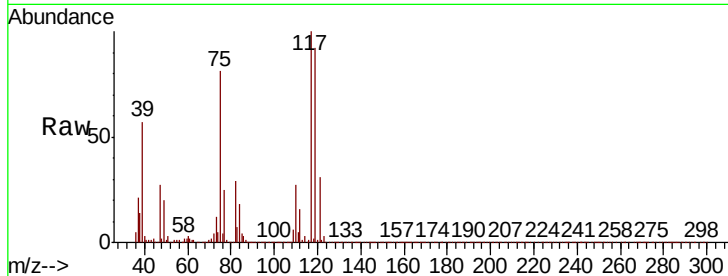
Tot Ion:117 Resp: 346578

Ion Ratio Lower Upper

117 100

119 91.5 76.6 114.8

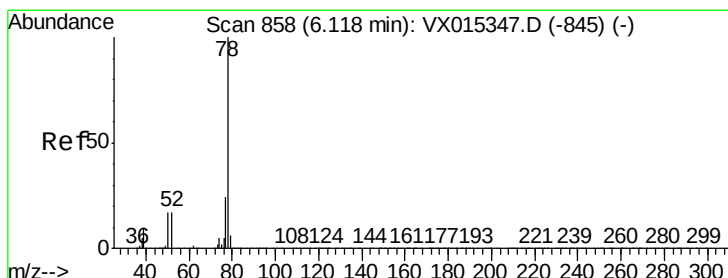
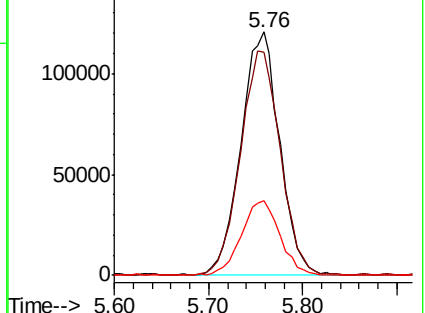
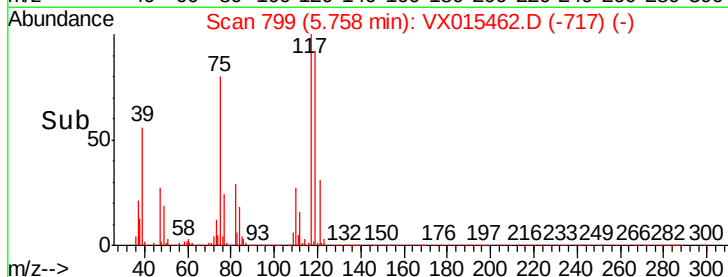
121 30.9 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.879 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

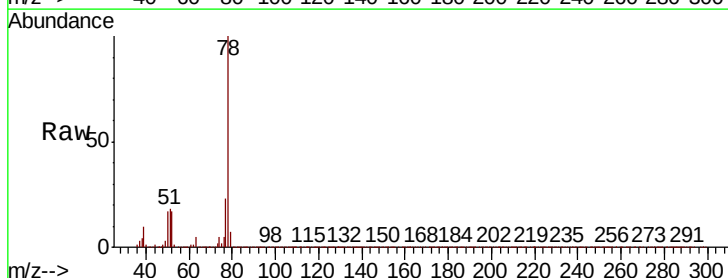
Tgt Ion: 78 Resp: 929545

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.2

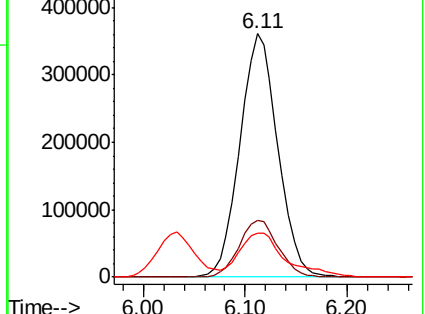
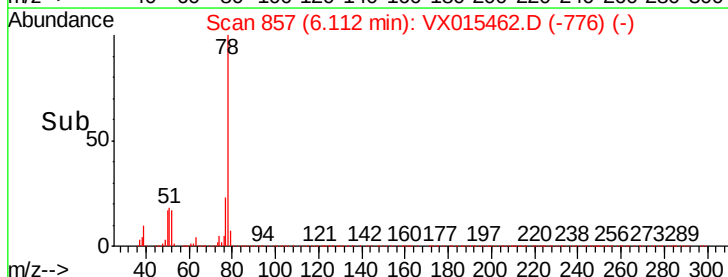
51 17.2 14.6 21.8

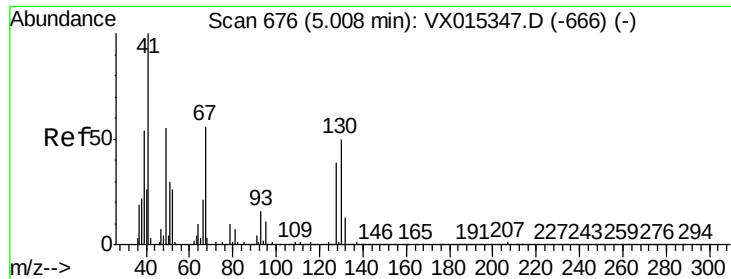


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

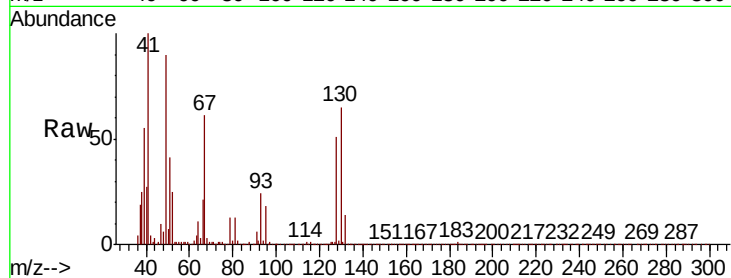




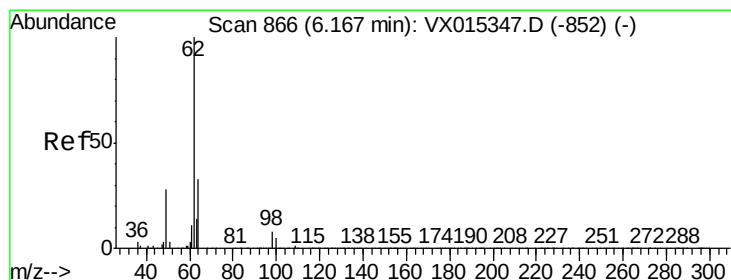
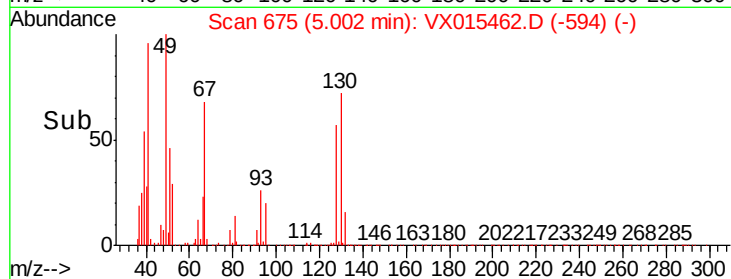
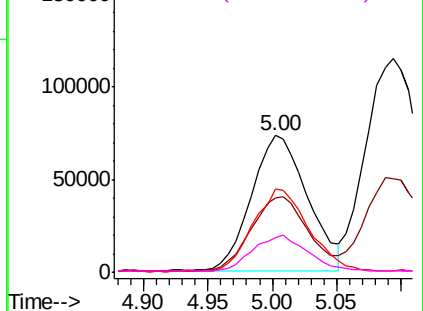
#35
Methacrylonitrile
Concen: 19.986 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	220424
Ion	Ratio	Lower	Upper
41	100		
39	54.6	27.0	81.0
67	61.0	28.2	84.6
52	24.2	12.8	38.3

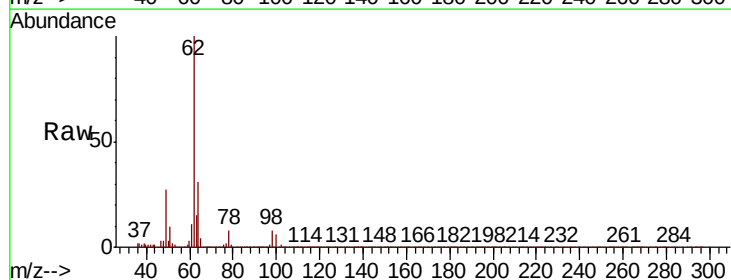


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

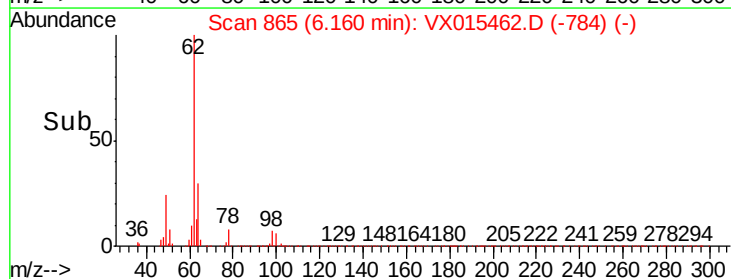
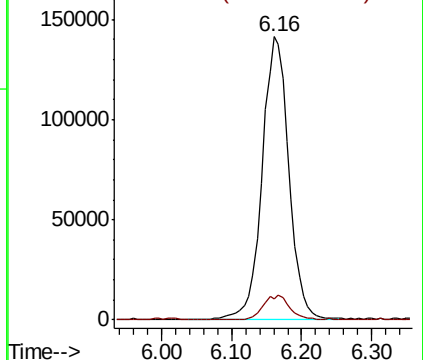


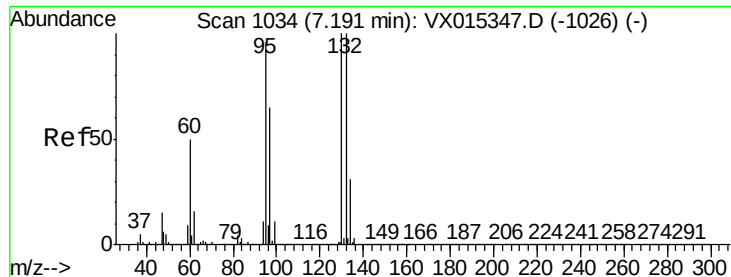
#36
1,2-Dichloroethane
Concen: 20.917 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion:	62	Resp:	377953
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.9	10.3



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





#37

Trichloroethene

Concen: 19.306 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

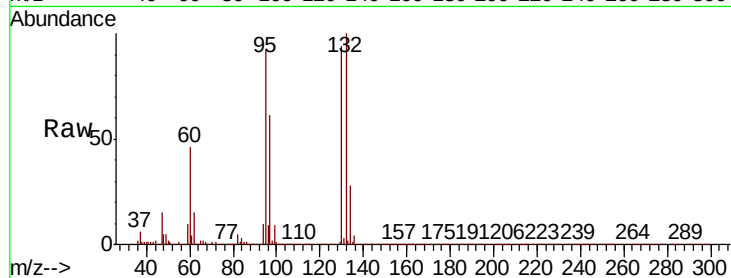
ClientSampled :

Tot Ion:130 Resp: 254186

Ion Ratio Lower Upper

130 100

95 98.3 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

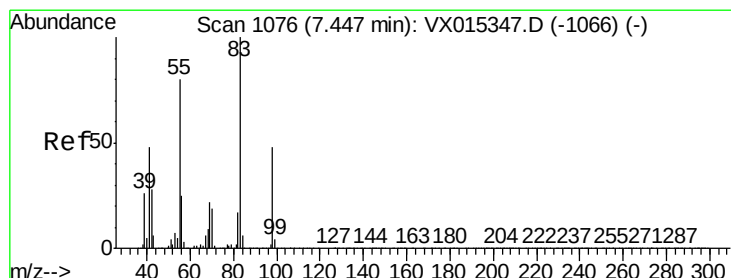
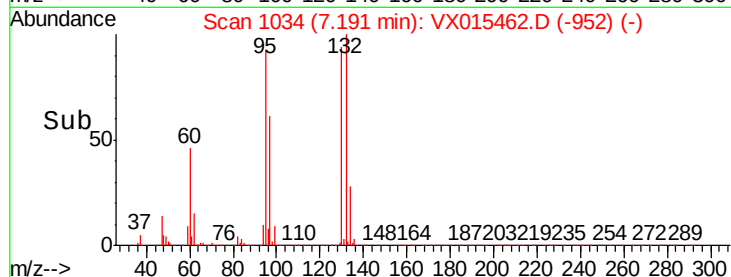
7.19

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 19.904 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

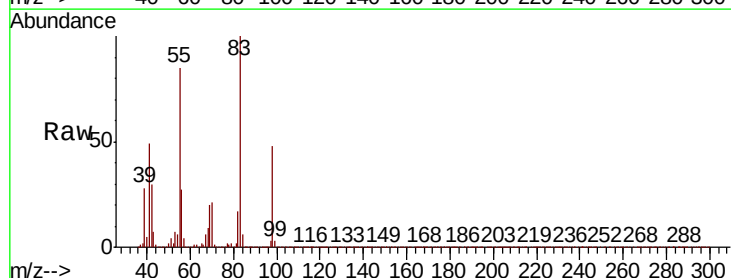
Tgt Ion: 83 Resp: 395885

Ion Ratio Lower Upper

83 100

55 85.1 41.3 124.1

98 48.9 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

250000

200000

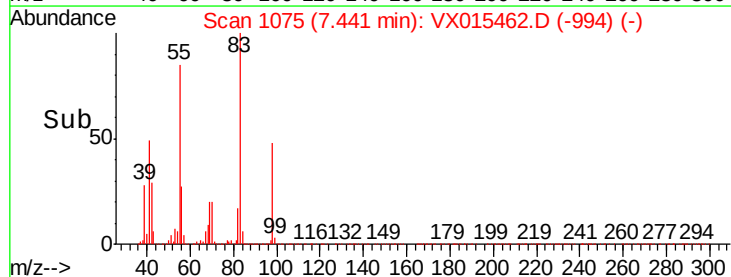
150000

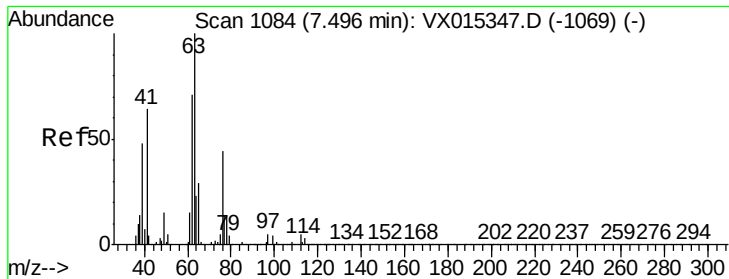
100000

50000

0

Time-->

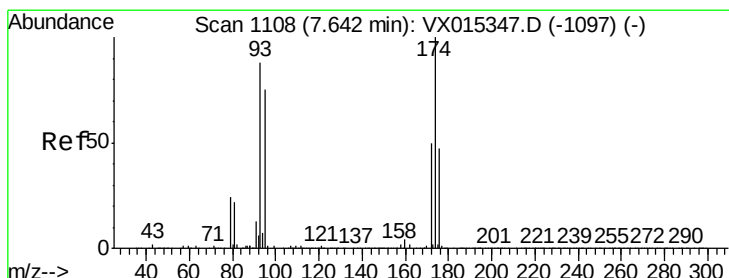
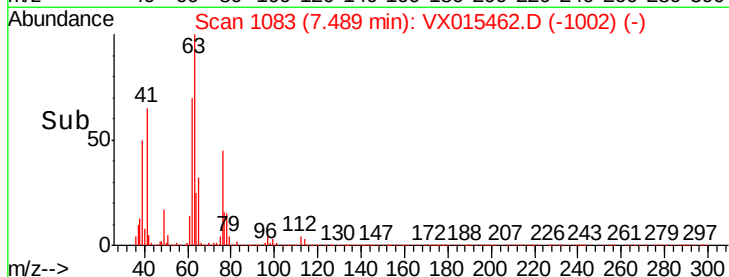
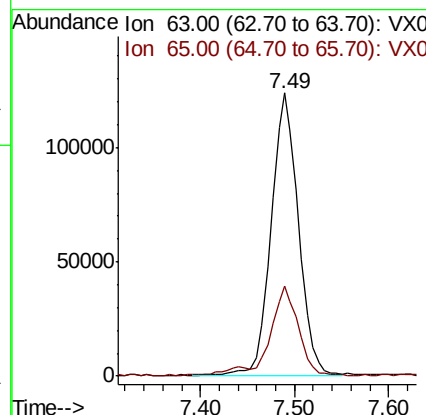
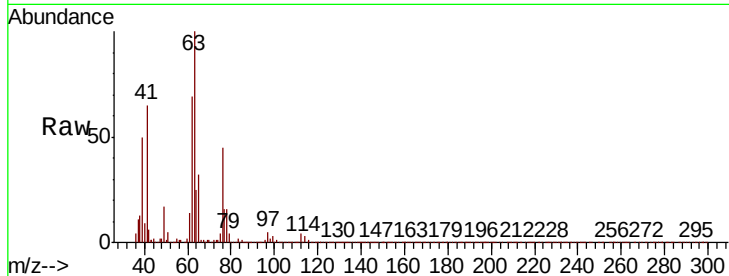




#39
 1,2-Dichloropropane
 Concen: 20.031 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

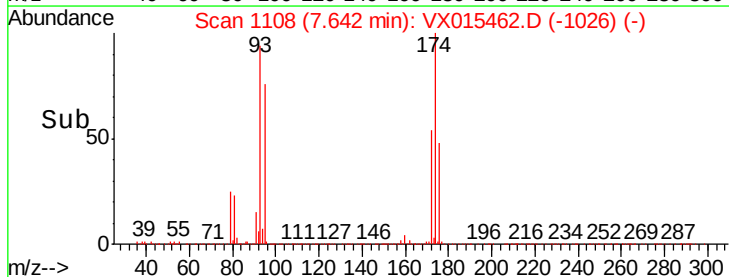
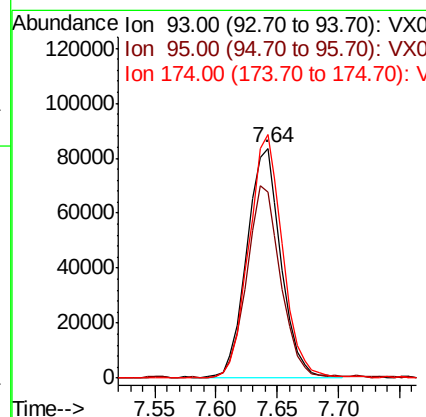
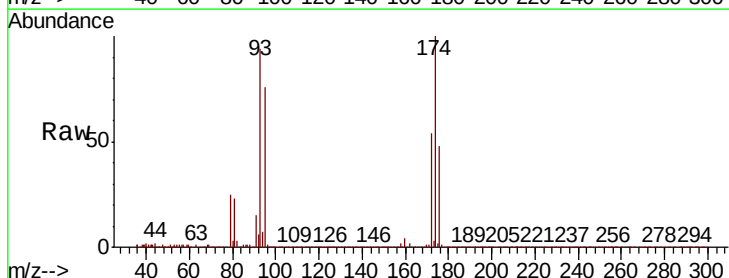
Instrument :
 MSVOA_X
 ClientSampleId :

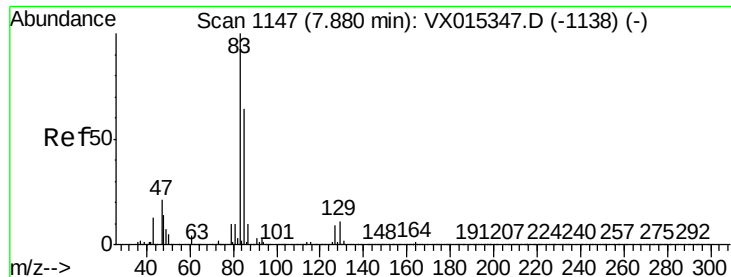
Tot Ion: 63 Resp: 251584
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.0 34.4



#40
 Dibromomethane
 Concen: 19.399 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

Tgt Ion: 93 Resp: 162175
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 166.4
 174 104.3 0.0 225.4





#41

Bromodichloromethane

Concen: 18.963 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

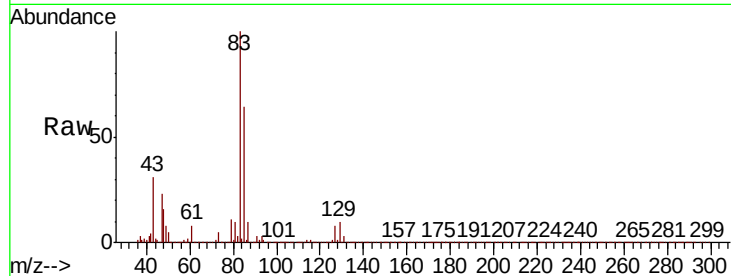
Tot Ion: 83 Resp: 344524

Ion Ratio Lower Upper

83 100

85 64.0 51.6 77.4

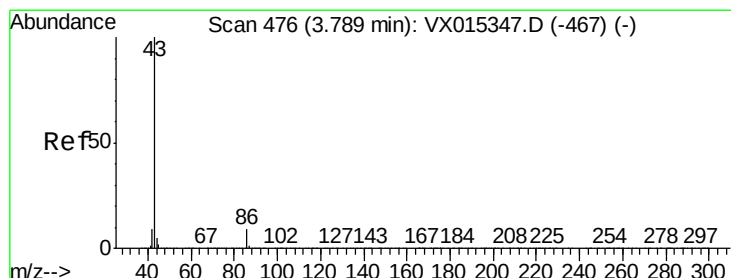
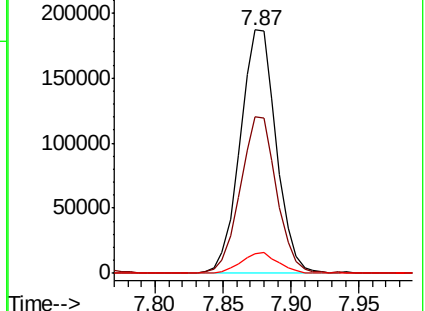
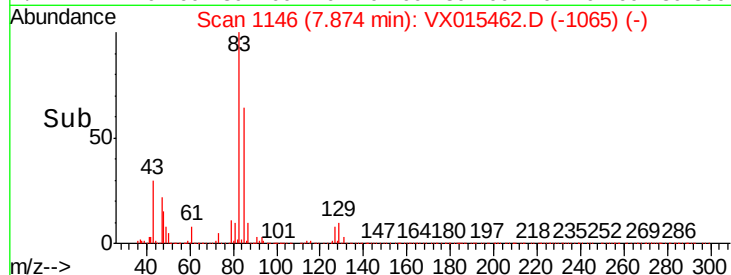
127 8.1 7.0 10.4



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: 104.266 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015462.D

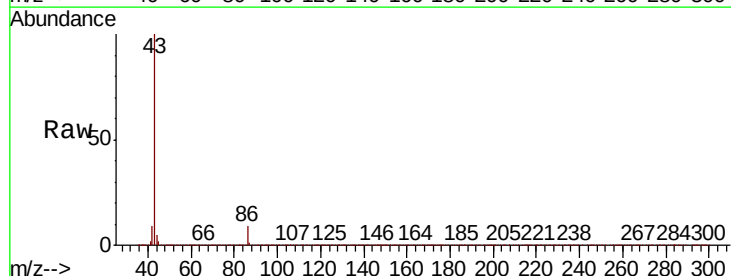
Acq: 01 Apr 2020 12:47

Tgt Ion: 43 Resp: 3842395

Ion Ratio Lower Upper

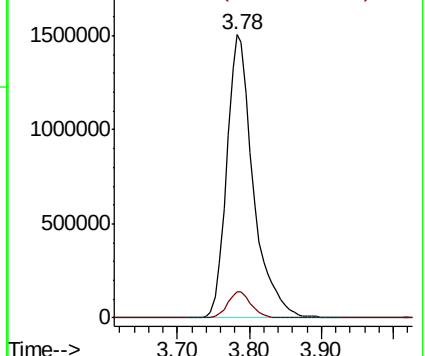
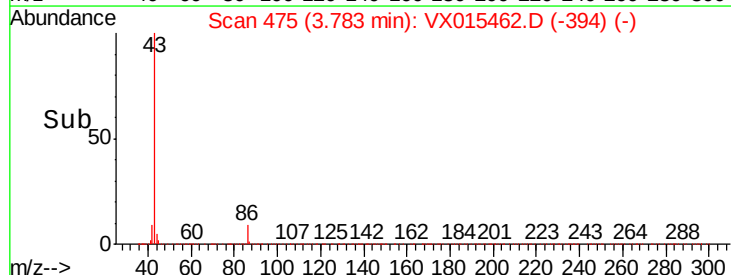
43 100

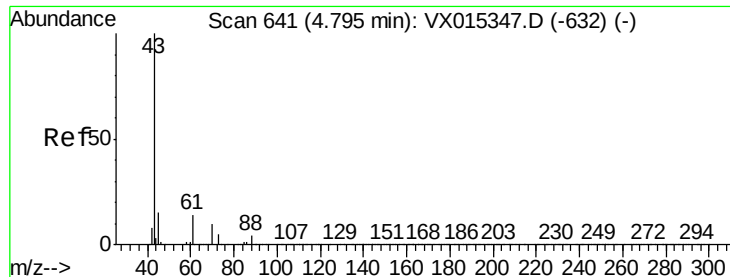
86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.147 ug/l

RT: 4.79 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

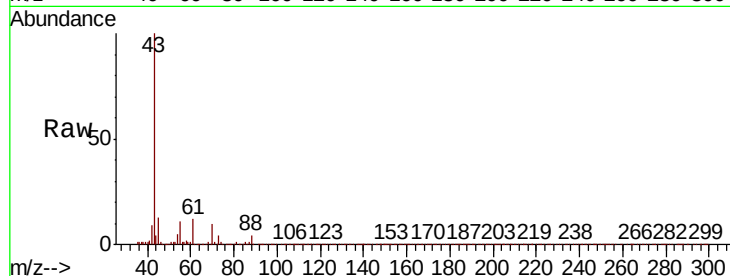
ClientSampleId :

Tot Ion: 43 Resp: 383914

Ion Ratio Lower Upper

43 100

45 6.6 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

200000

150000

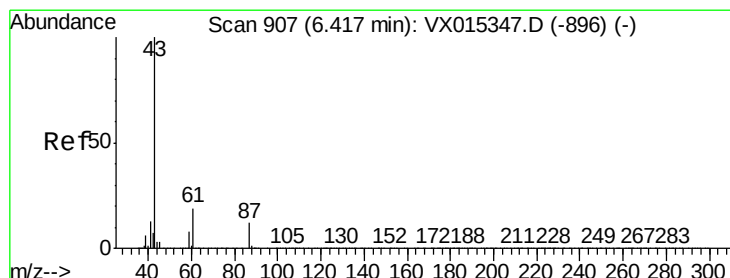
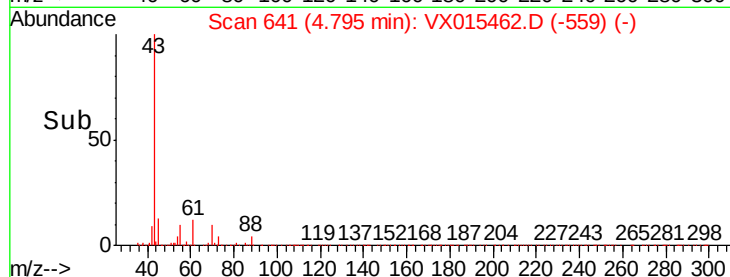
100000

50000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 19.234 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015462.D

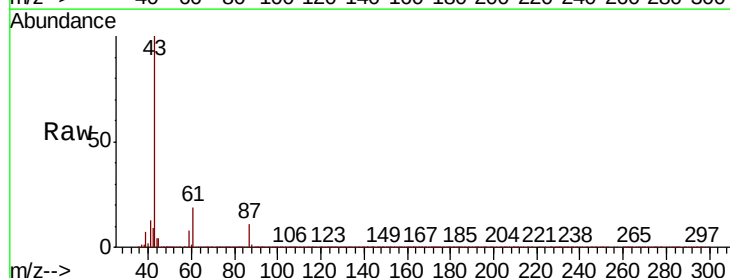
Acq: 01 Apr 2020 12:47

Tgt Ion: 43 Resp: 654871

Ion Ratio Lower Upper

43 100

61 18.7 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

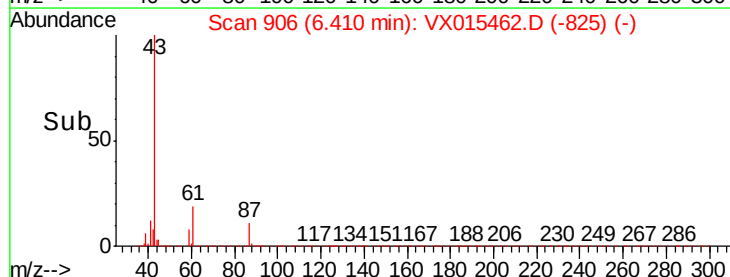
100000

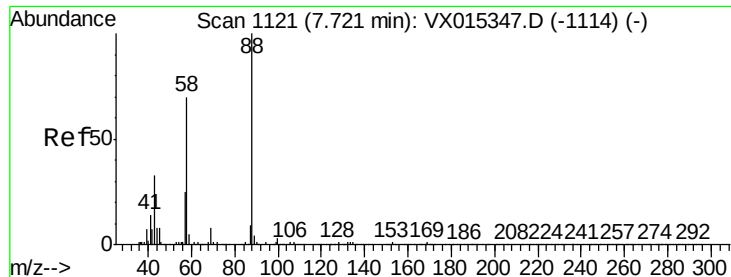
50000

0

6.30 6.35 6.40 6.45 6.50

Time-->

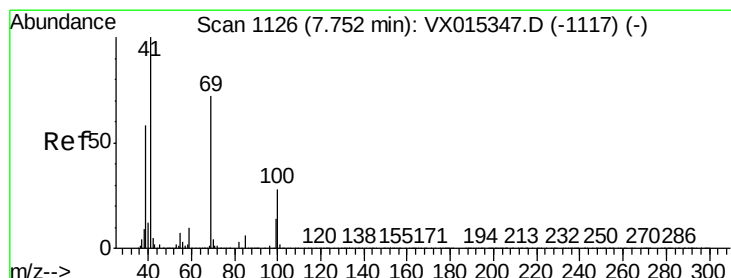
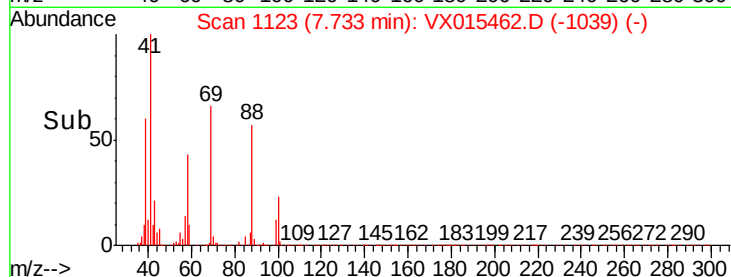
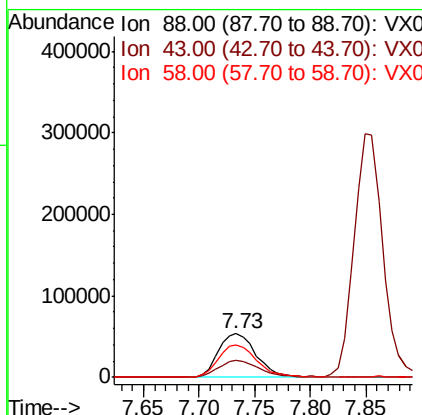
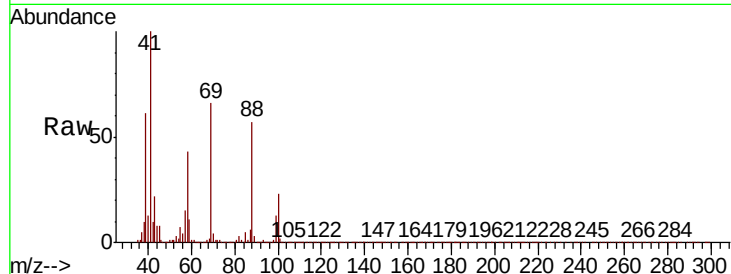




#45
1,4-Dioxane
Concen: 406.784 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

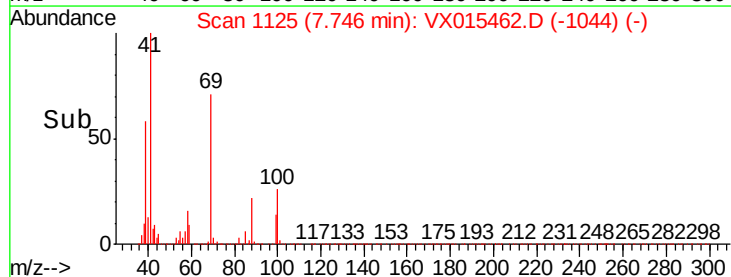
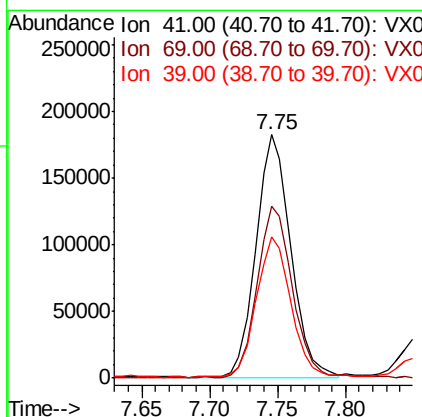
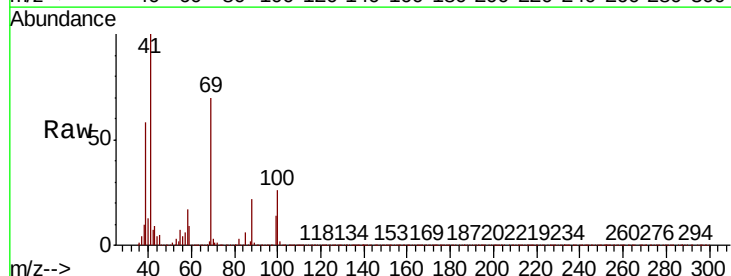
Instrument :
MSVOA_X
ClientSampleId :

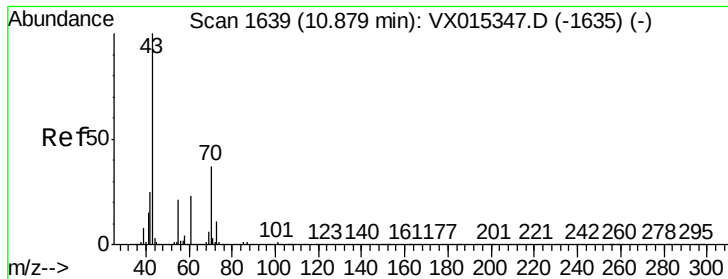
Tot Ion: 88 Resp: 127590
Ion Ratio Lower Upper
88 100
43 37.7 32.1 48.1
58 75.2 59.4 89.0



#46
Methyl methacrylate
Concen: 19.168 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 41 Resp: 325678
Ion Ratio Lower Upper
41 100
69 70.4 35.8 107.4
39 58.0 28.9 86.8





#47

n-amvl Acetate

Concen: 18.608 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

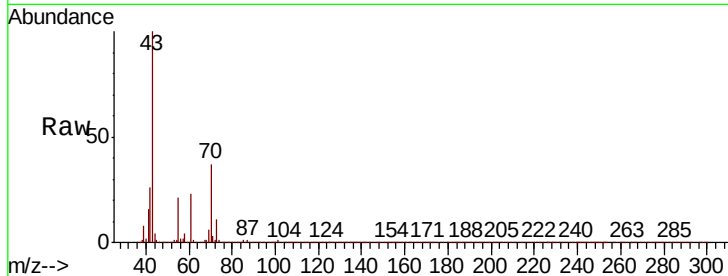
ClientSampled :

Tot Ion: 43 Resp: 546271

Ion Ratio Lower Upper

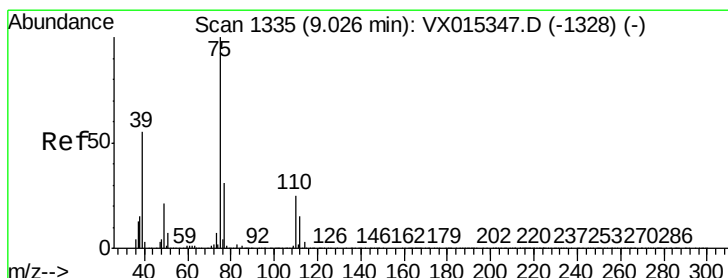
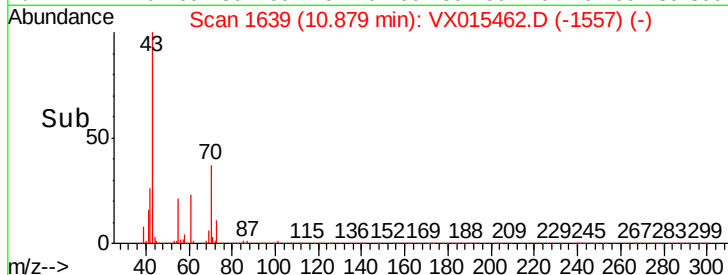
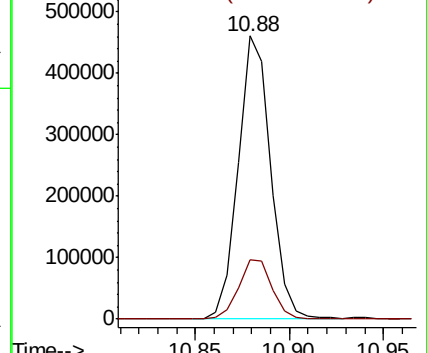
43 100

55 21.4 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.846 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015462.D

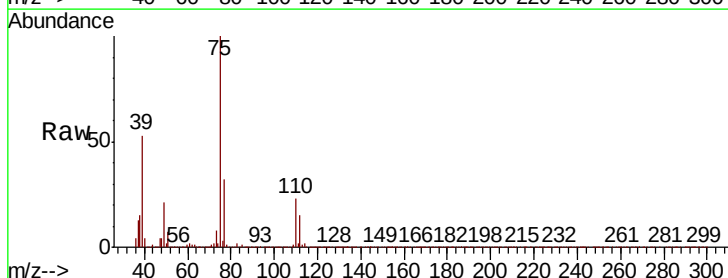
Acq: 01 Apr 2020 12:47

Tgt Ion: 75 Resp: 395278

Ion Ratio Lower Upper

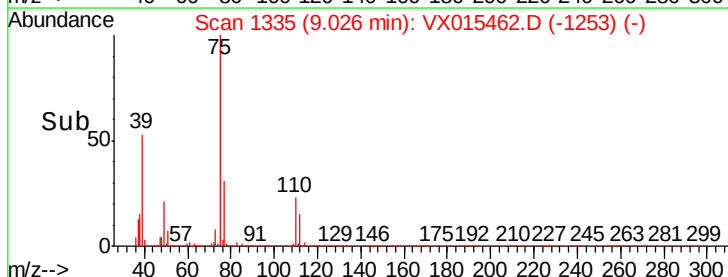
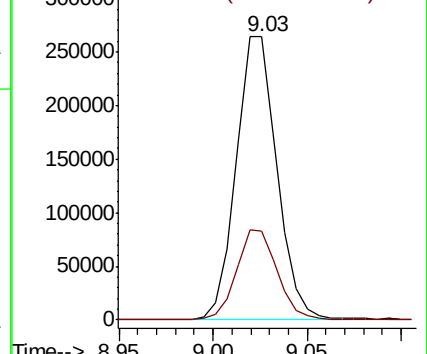
75 100

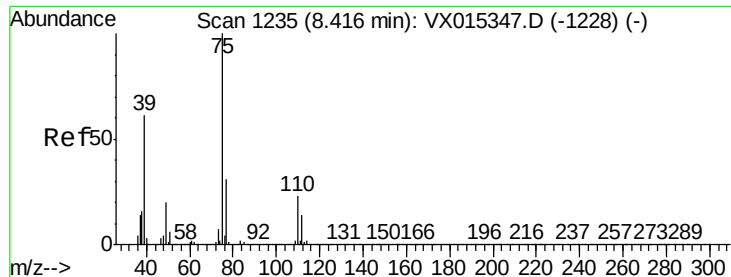
77 31.4 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



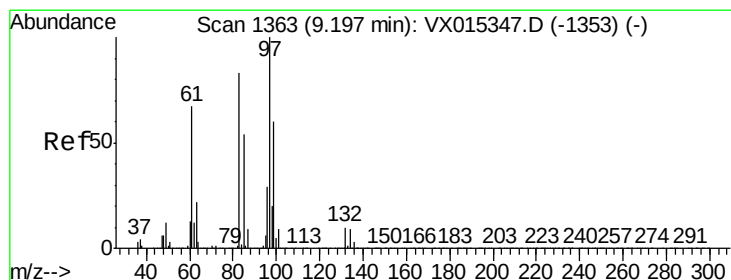
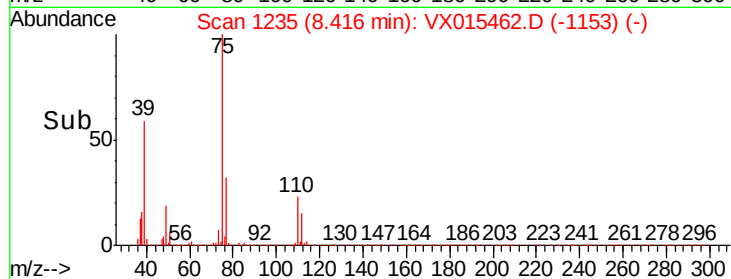
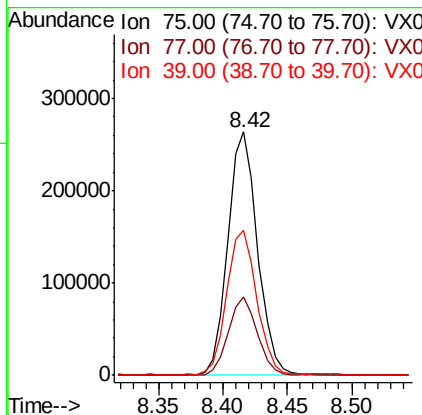
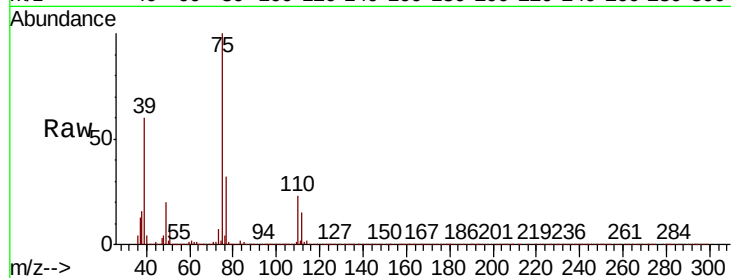


#49

cis-1,3-Dichloropropene
Concen: 19.608 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

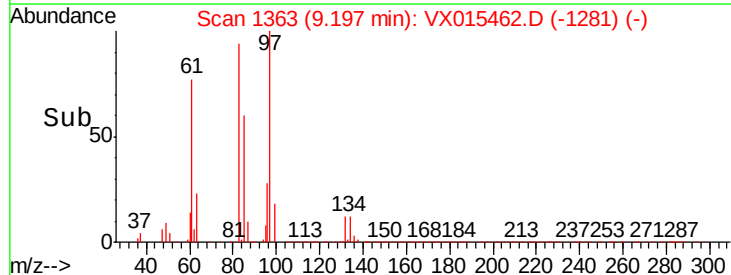
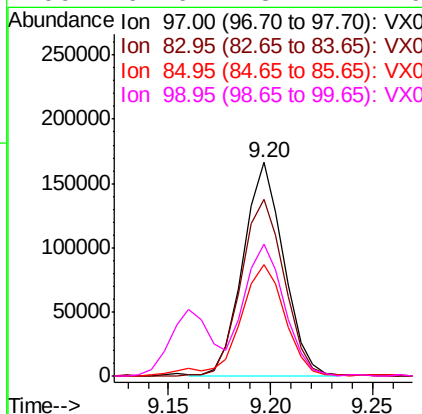
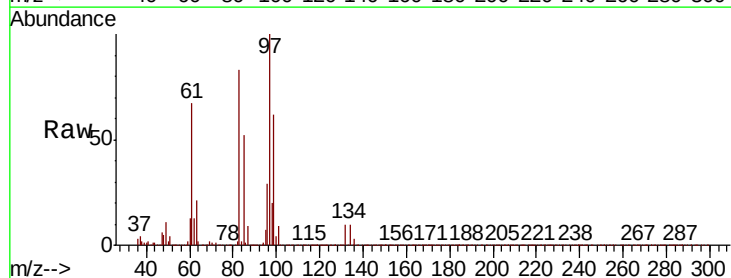
Tot Ion:	75	Resp:	424507
Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	36.8
39	59.4	48.9	73.3

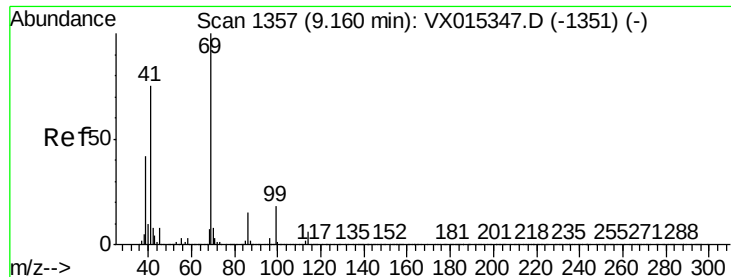


#50

1,1,2-Trichloroethane
Concen: 19.201 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion:	97	Resp:	230359
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.8	100.2
85	52.0	43.3	64.9
99	61.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.553 ug/l

RT: 9.16 min Scan# 1357

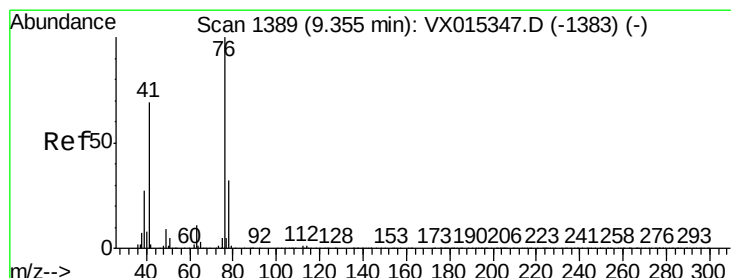
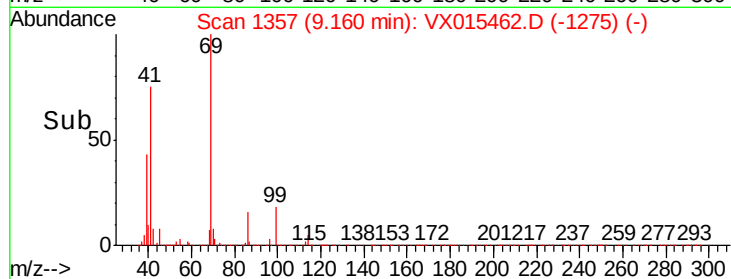
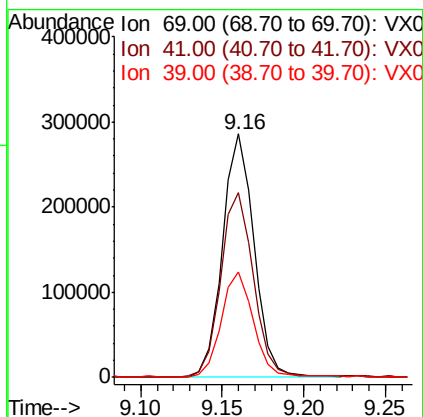
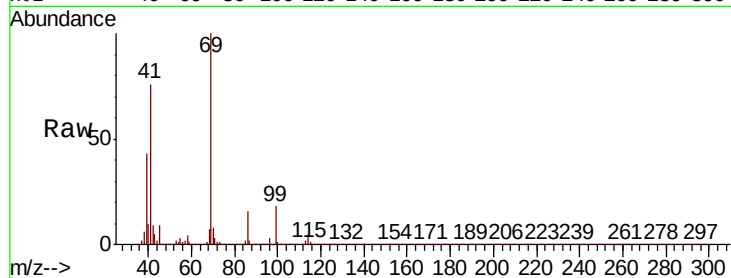
Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	382817
Ion	Ratio	Lower	Upper
69	100		
41	75.7	37.4	112.2
39	43.1	21.1	63.1



#52

1,3-Dichloropropane

Concen: 19.703 ug/l

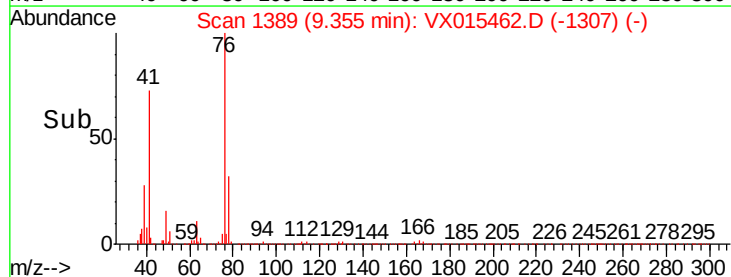
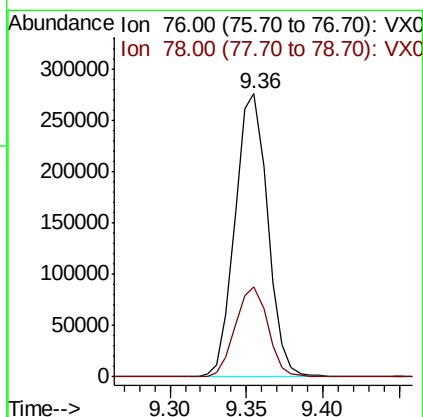
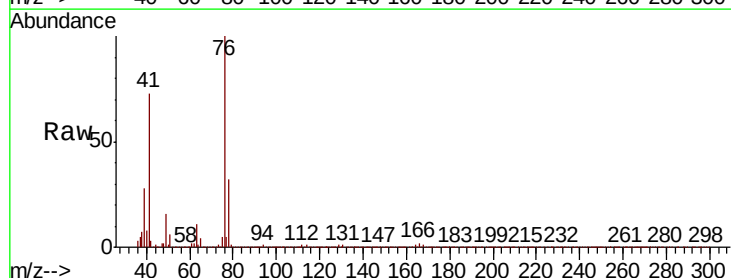
RT: 9.36 min Scan# 1389

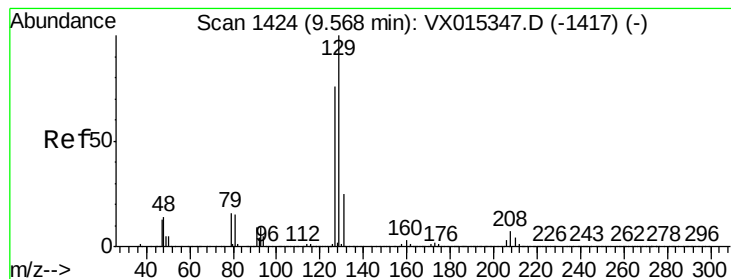
Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Tgt Ion:	76	Resp:	408283
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.2





#53

Dibromochloromethane

Concen: 18.806 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

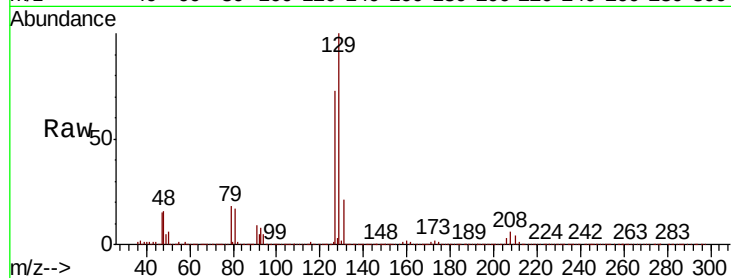
ClientSampleId :

Tot Ion:129 Resp: 278129

Ion Ratio Lower Upper

129 100

127 75.3 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

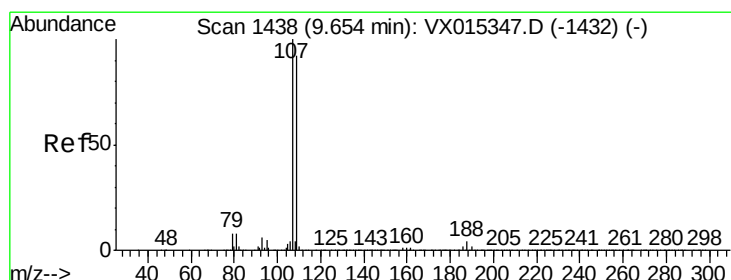
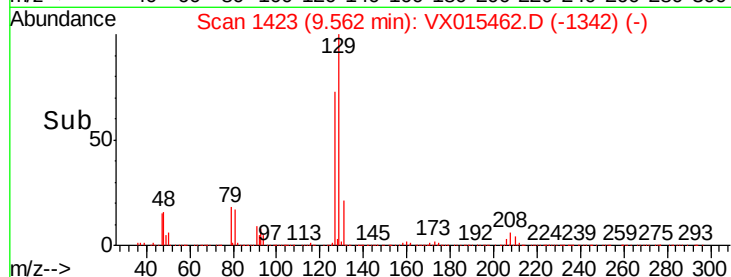
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 18.864 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015462.D

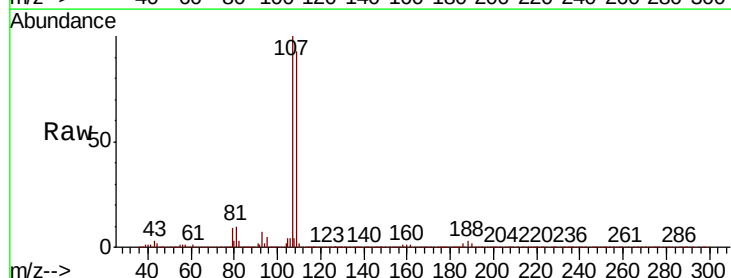
Acq: 01 Apr 2020 12:47

Tgt Ion:107 Resp: 242846

Ion Ratio Lower Upper

107 100

109 95.1 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

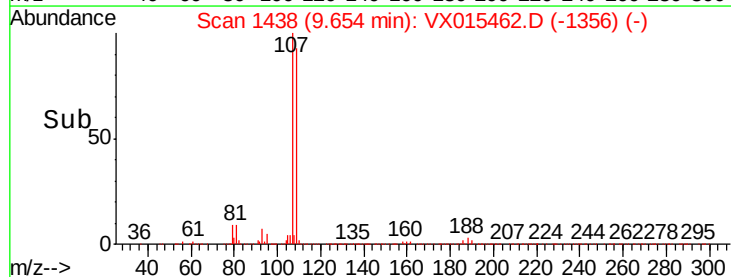
150000

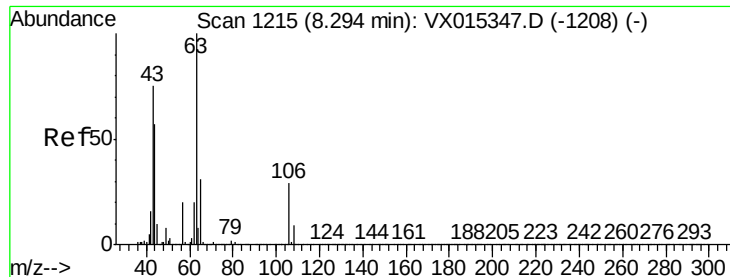
100000

50000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 100.927 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

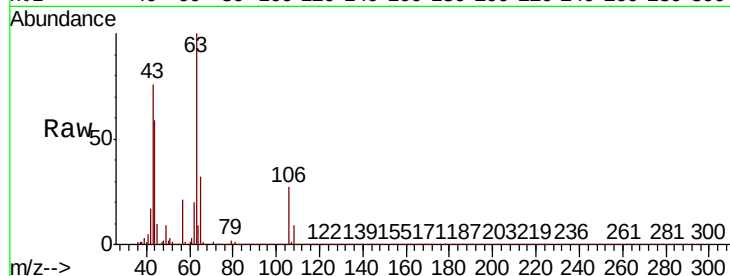
Tot Ion: 63 Resp: 983575

Ion Ratio Lower Upper

63 100

65 32.3 25.5 38.3

106 27.4 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VX015347.D (-1208) (-)

Ion 65.00 (64.70 to 65.70): VX015347.D (-1208) (-)

Ion 106.00 (105.70 to 106.70): VX015347.D (-1208) (-)

8.29

600000

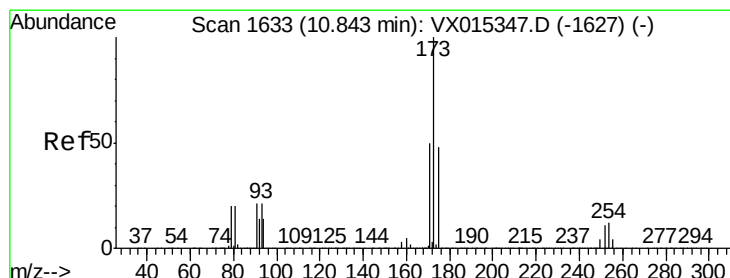
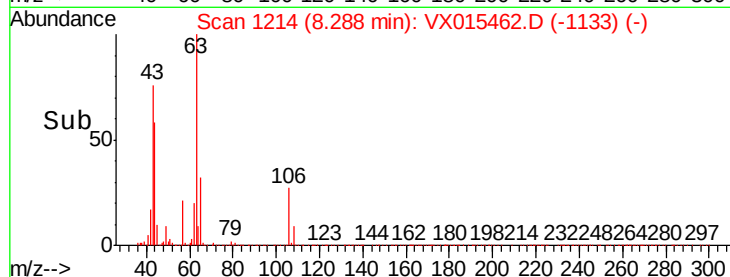
400000

200000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#56

Bromoform

Concen: 16.698 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

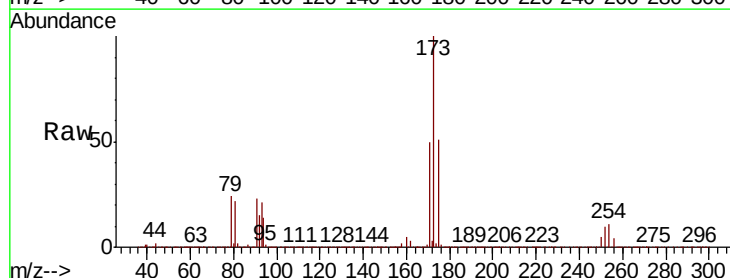
Tgt Ion: 173 Resp: 203053

Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.4

254 11.3 9.4 14.2



Abundance Ion 173.00 (172.70 to 173.70): VX015347.D (-1627) (-)

Ion 175.00 (174.70 to 175.70): VX015347.D (-1627) (-)

Ion 254.00 (253.70 to 254.70): VX015347.D (-1627) (-)

10.84

200000

150000

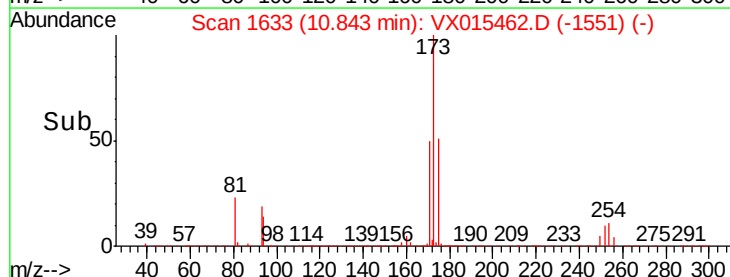
100000

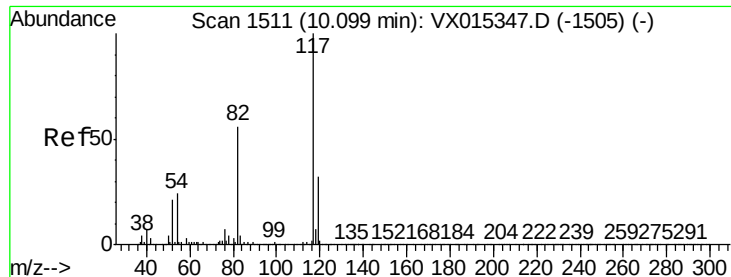
50000

0

10.75 10.80 10.85 10.90

Time-->

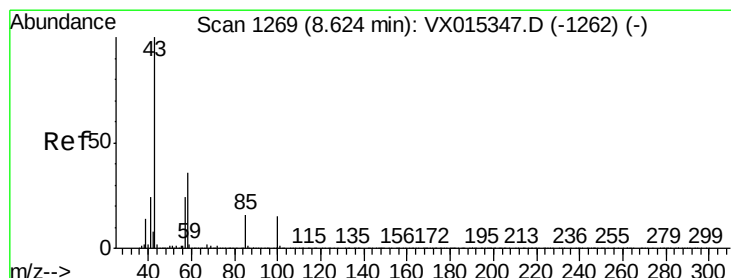
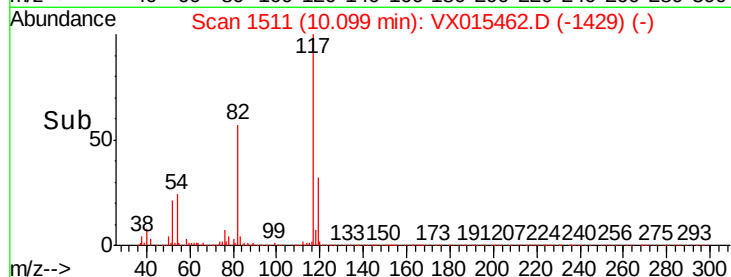
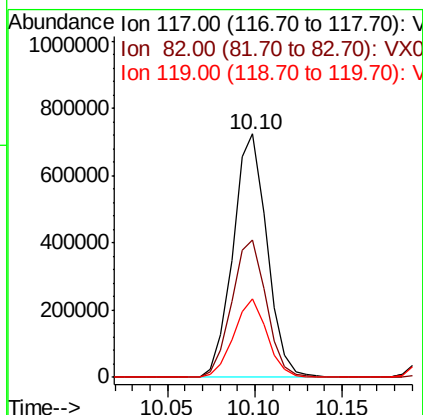
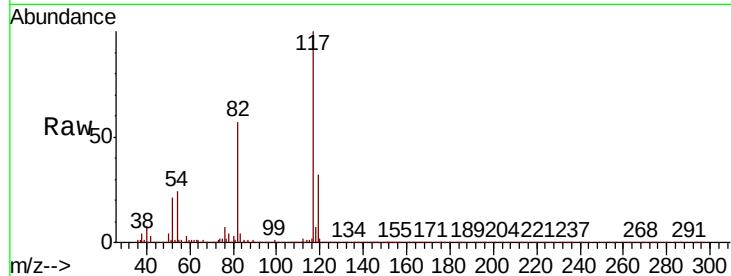




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

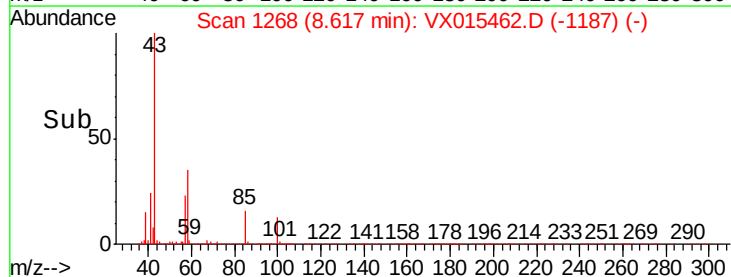
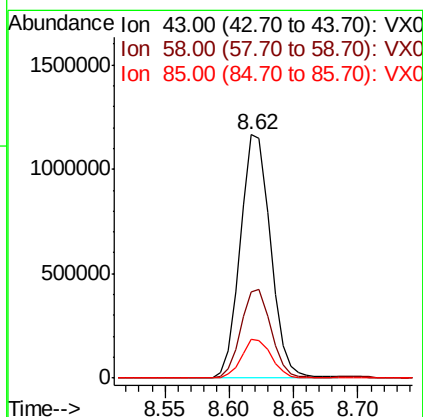
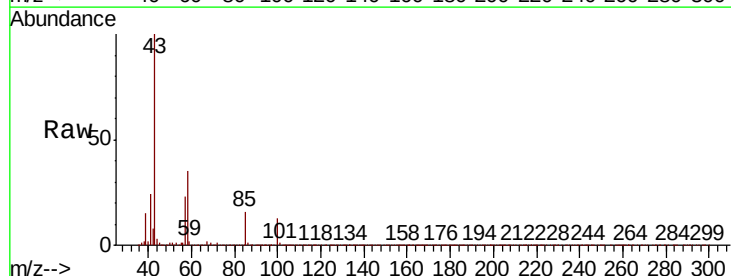
Instrument :
MSVOA_X
ClientSampleId :

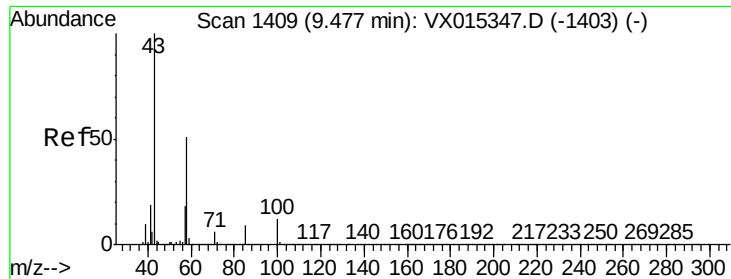
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.0	67.6
119	31.6	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 101.449 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.4	44.0
85	15.7	13.0	19.4

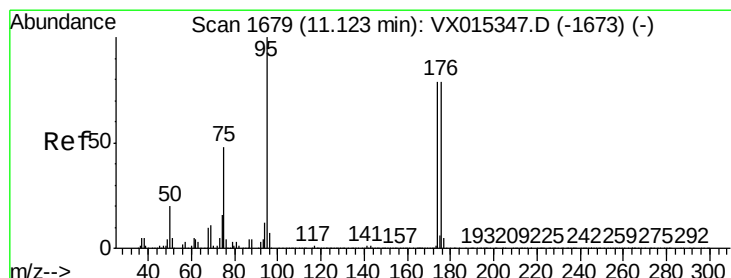
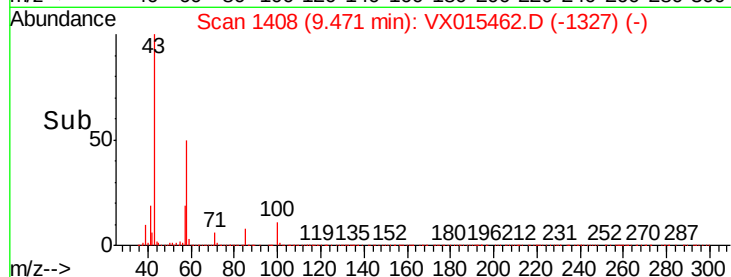
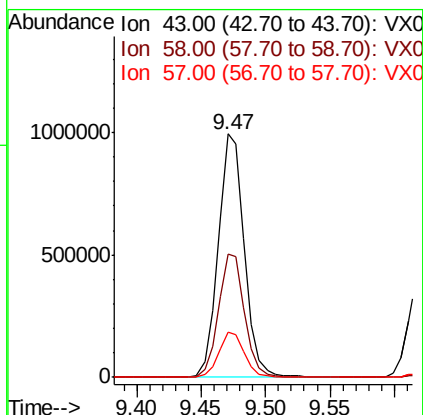
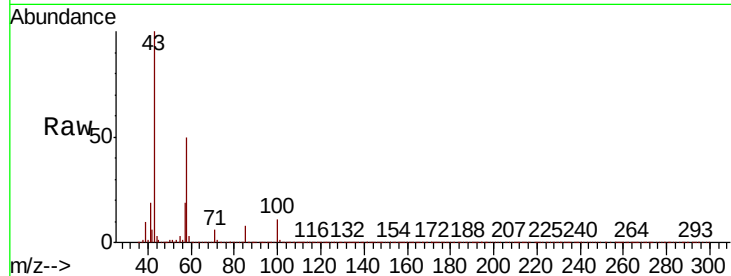




#59
2-Hexanone
Concen: 99.032 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

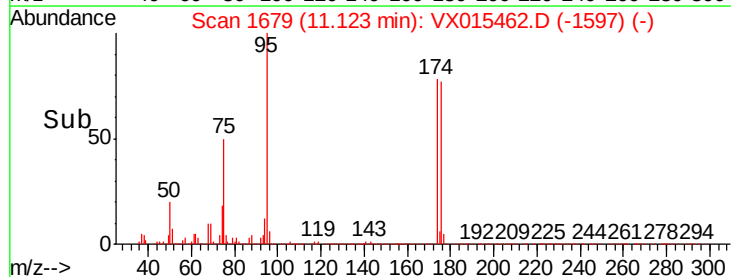
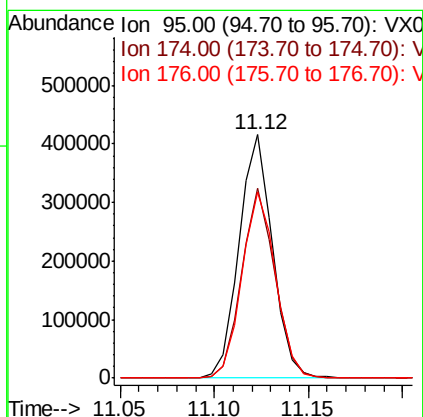
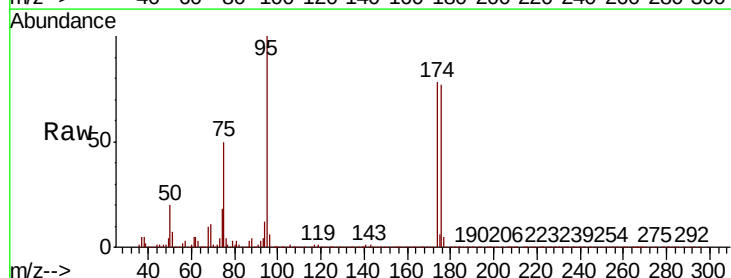
Instrument :
MSVOA_X
ClientSampleId :

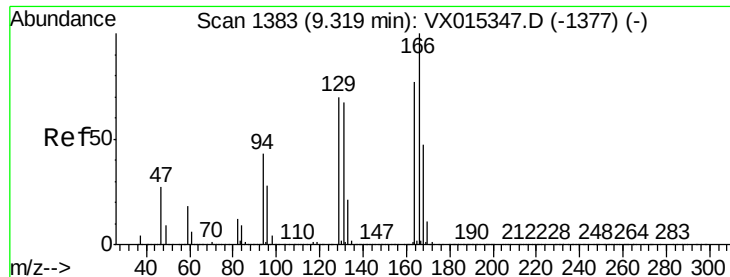
Tot Ion: 43 Resp: 1411553
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.4
57 18.2 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.499 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion: 95 Resp: 510972
Ion Ratio Lower Upper
95 100
174 77.9 66.4 99.6
176 77.4 64.1 96.1





#61

Tetrachloroethene

Concen: 19.305 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 242918

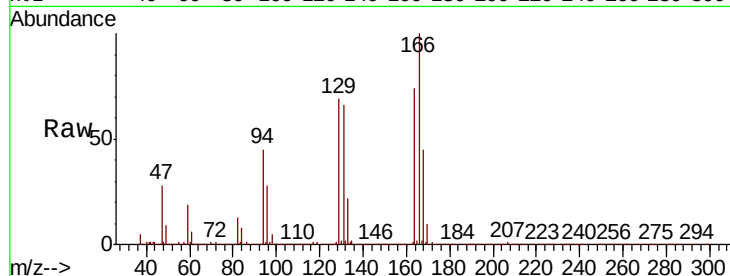
Ion Ratio Lower Upper

164 100

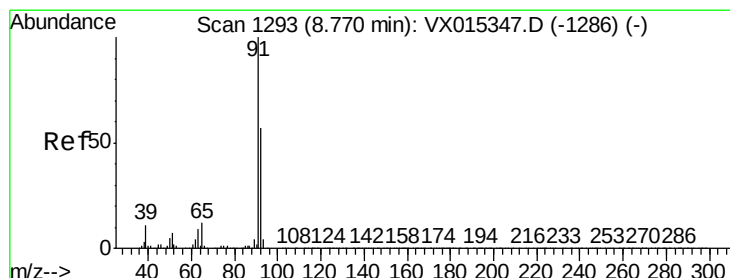
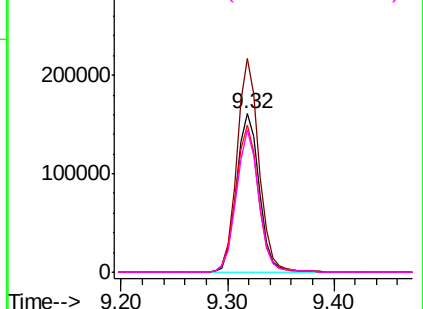
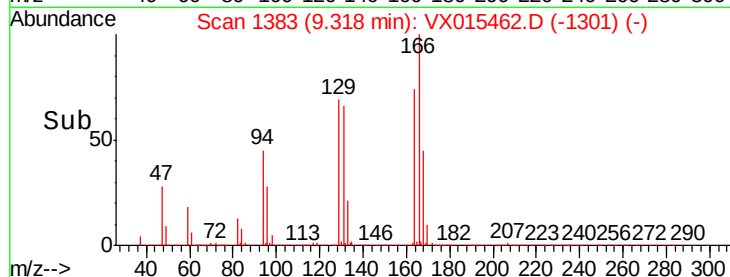
166 134.7 103.6 155.4

129 92.8 72.6 108.8

131 89.2 69.8 104.6



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: 19.993 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015462.D

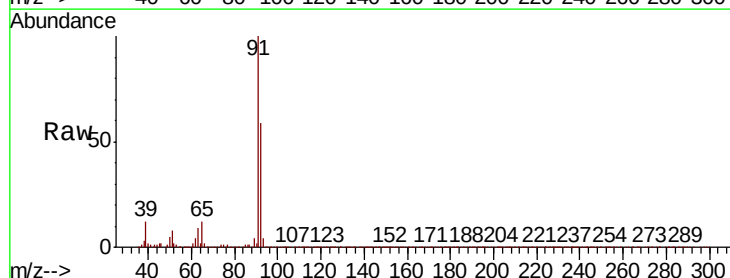
Acq: 01 Apr 2020 12:47

Tgt Ion: 91 Resp: 991323

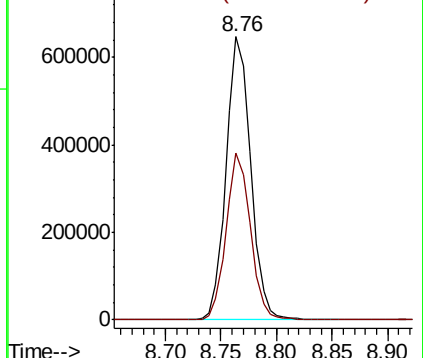
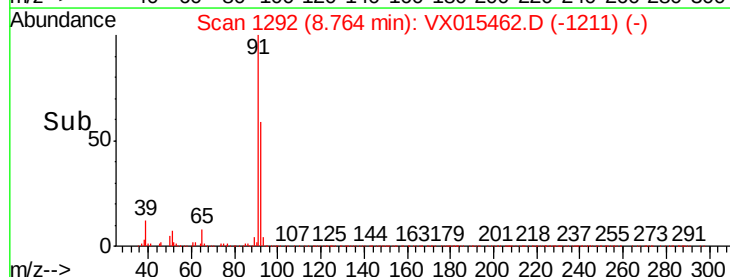
Ion Ratio Lower Upper

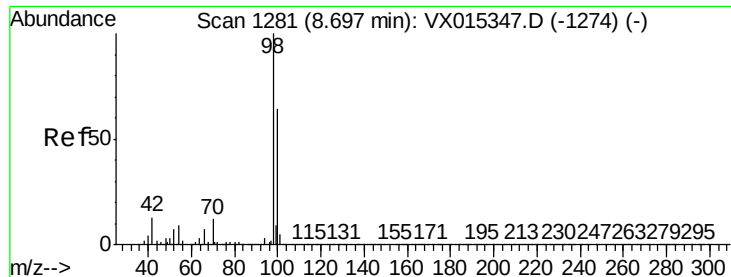
91 100

92 58.5 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.376 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

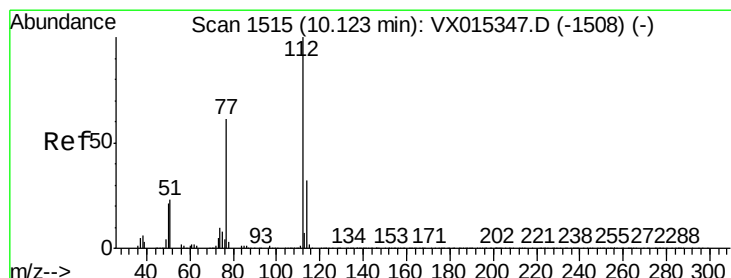
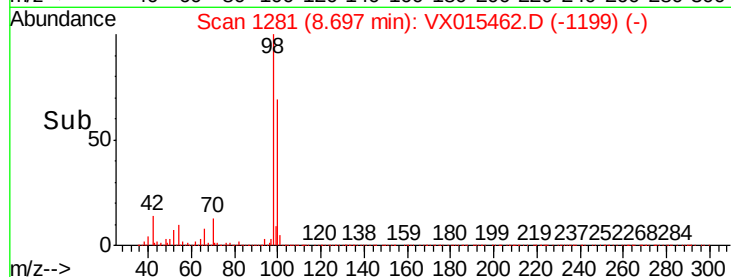
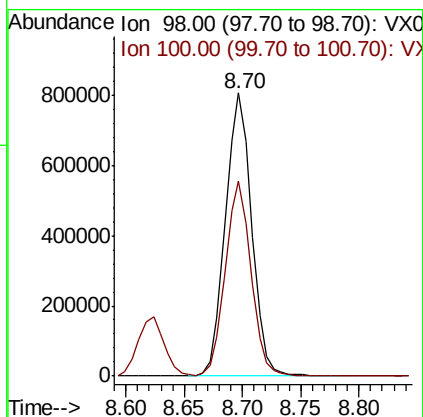
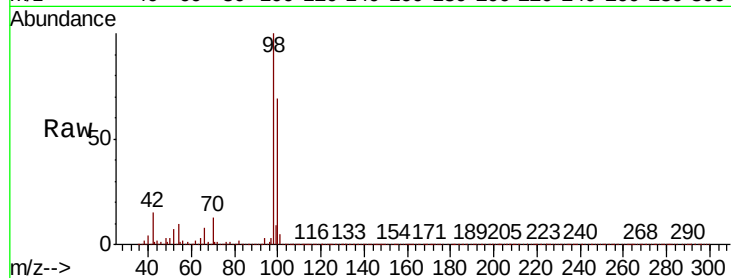
ClientSampleId :

Tot Ion: 98 Resp: 1263398

Ion Ratio Lower Upper

98 100

100 67.2 52.2 78.2



#64

Chlorobenzene

Concen: 19.539 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015462.D

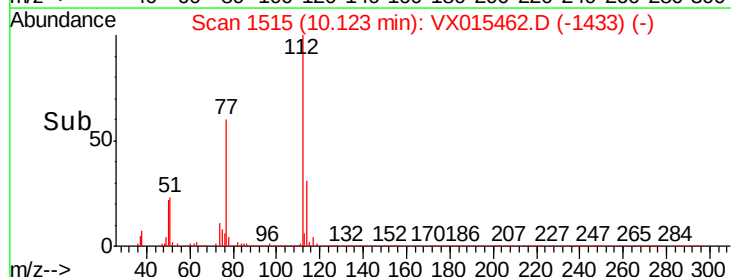
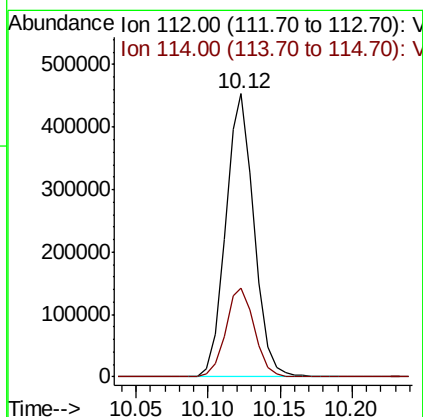
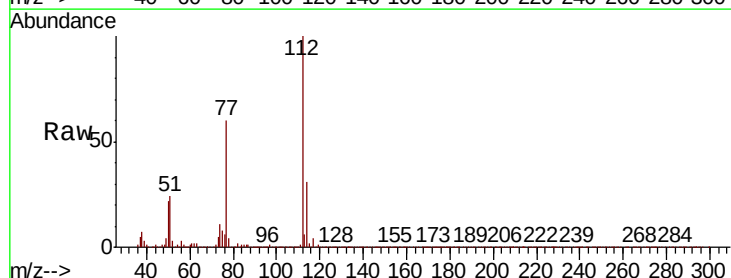
Acq: 01 Apr 2020 12:47

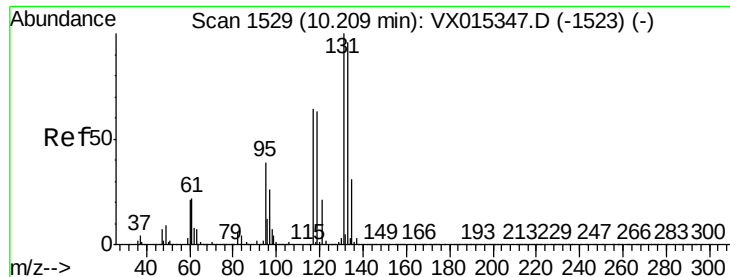
Tgt Ion: 112 Resp: 622901

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.418 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015462.D

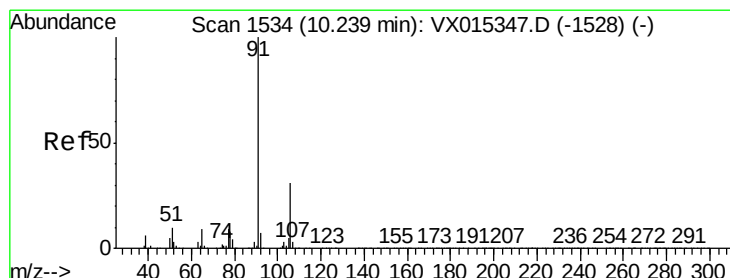
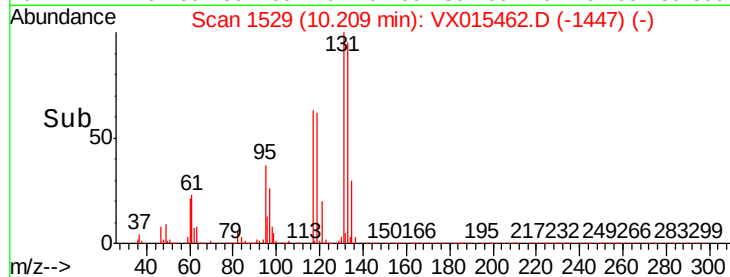
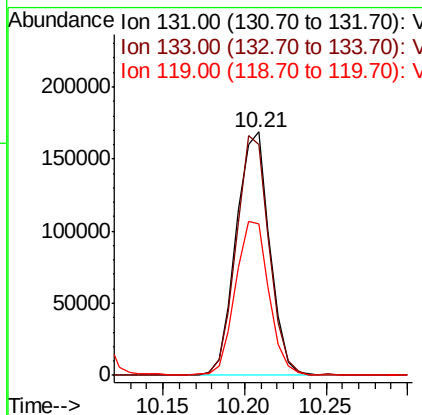
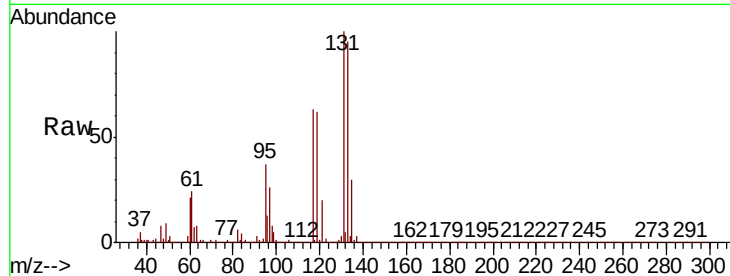
Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	131	Resp:	239932
Ion	Ratio	Lower	Upper
131	100		
133	96.6	0.0	193.6
119	63.4	0.0	128.0



#66

Ethyl Benzene

Concen: 19.738 ug/l

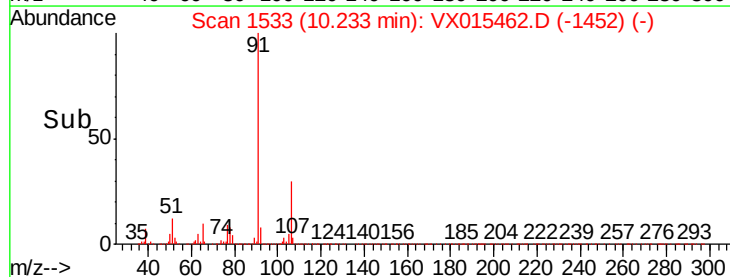
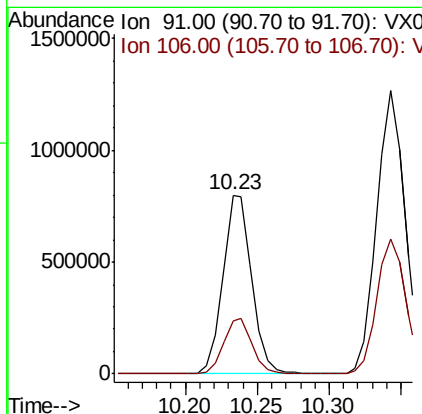
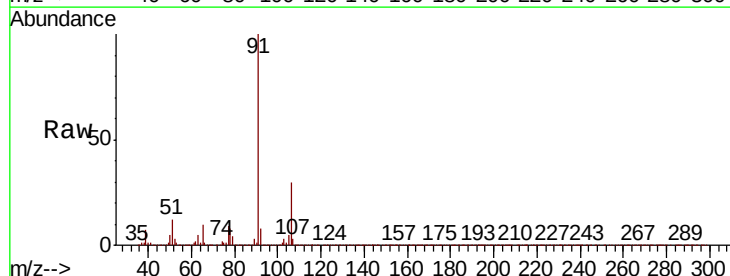
RT: 10.23 min Scan# 1533

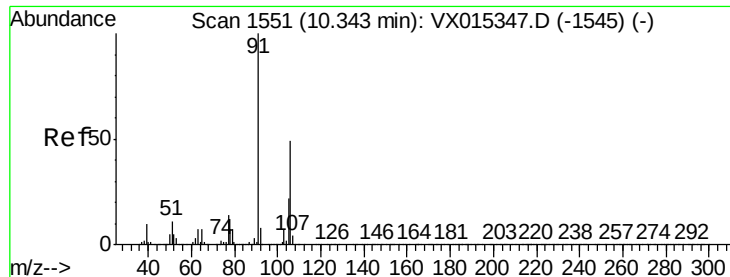
Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Tgt Ion:	91	Resp:	1118070
Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.0	37.6

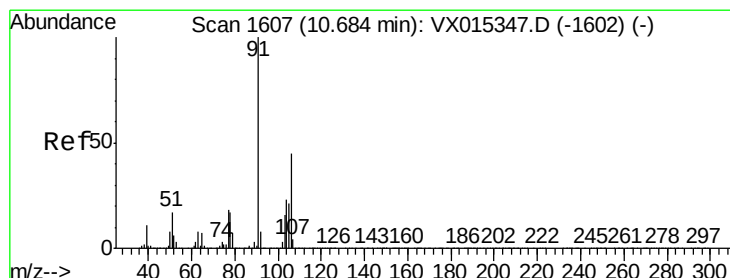
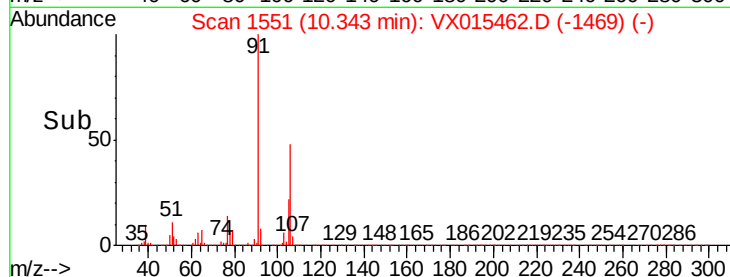
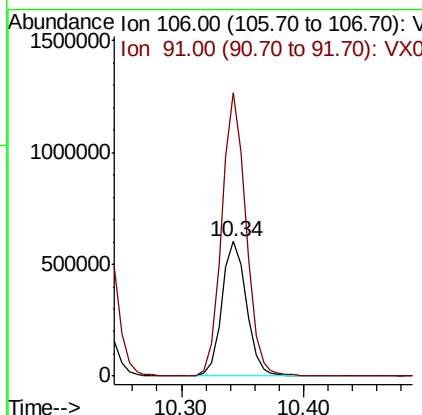
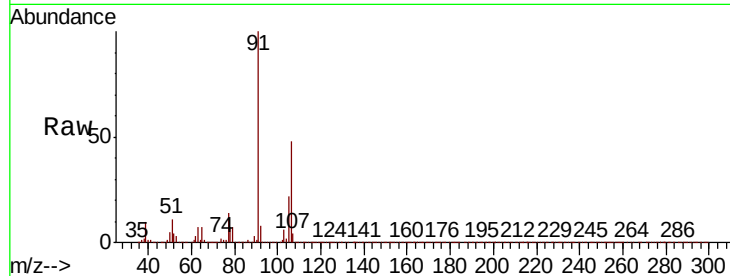




#67
m/p-Xylenes
Concen: 39.092 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

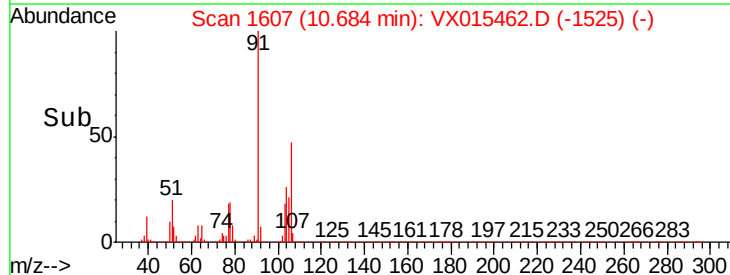
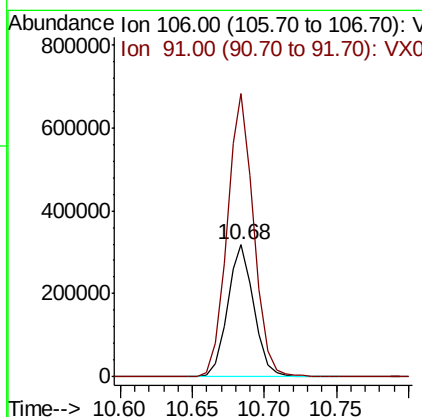
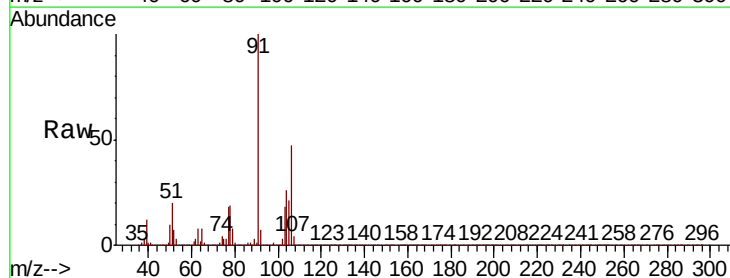
Instrument :
MSVOA_X
ClientSampled :

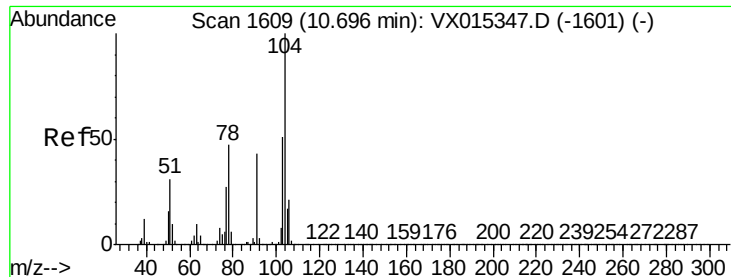
Tot Ion:106 Resp: 838122
Ion Ratio Lower Upper
106 100
91 207.2 165.0 247.4



#68
o-Xylene
Concen: 19.461 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion:106 Resp: 407820
Ion Ratio Lower Upper
106 100
91 215.1 109.1 327.2

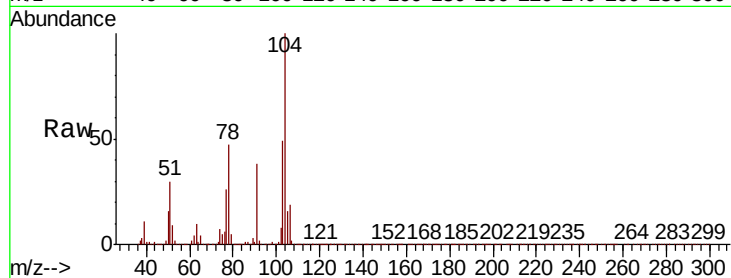




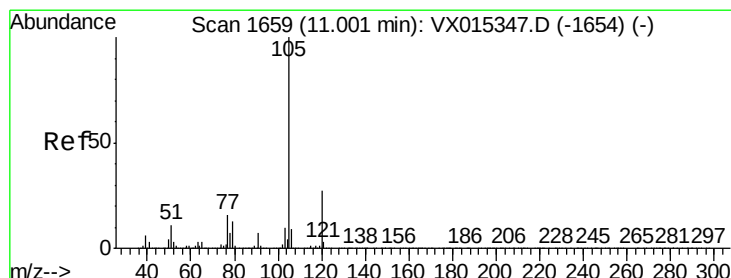
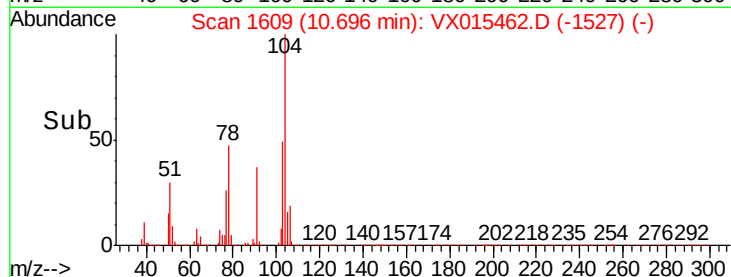
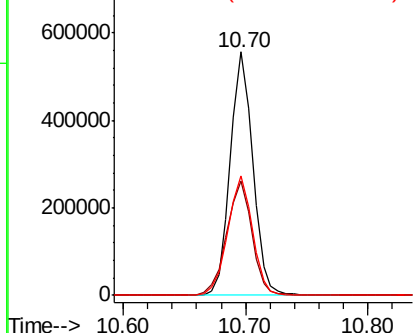
#69
Stvrene
Concen: 19.428 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.5	62.3
103	53.5	43.4	65.2

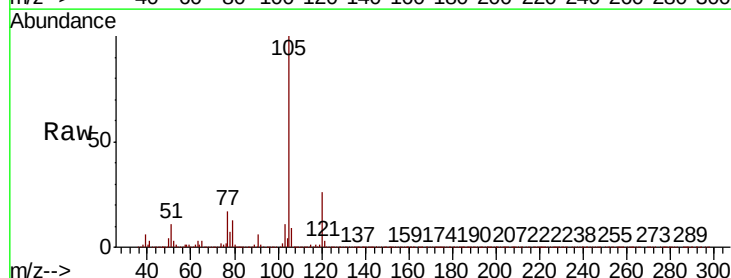


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

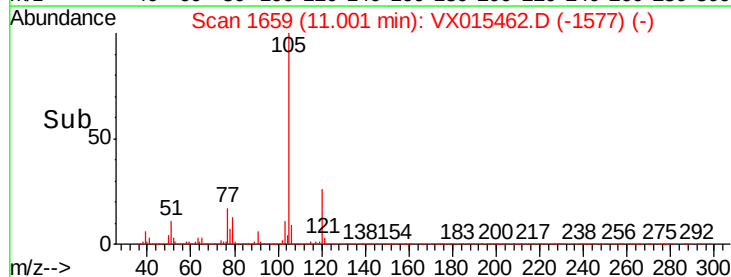
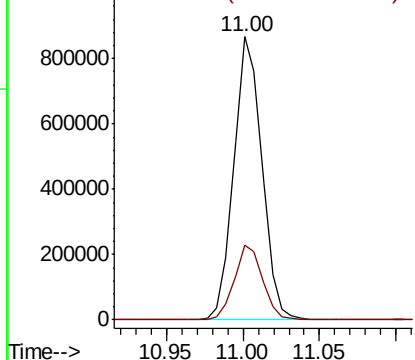


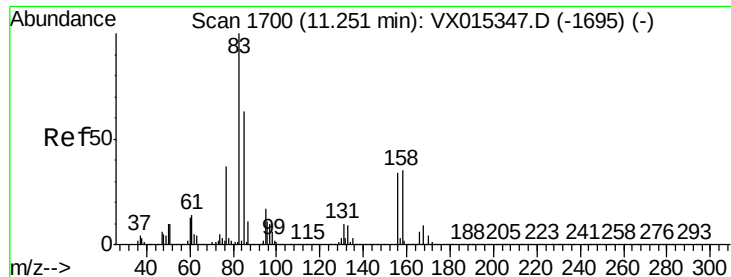
#70
Isopropylbenzene
Concen: 19.867 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.8	34.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.010 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

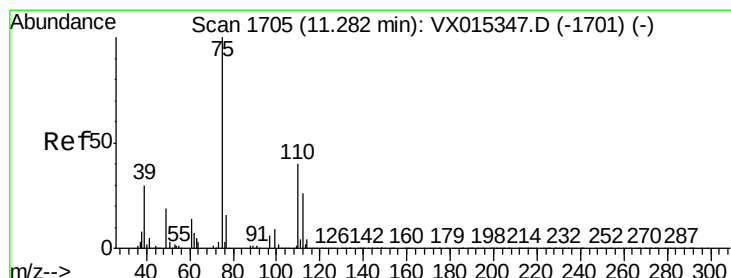
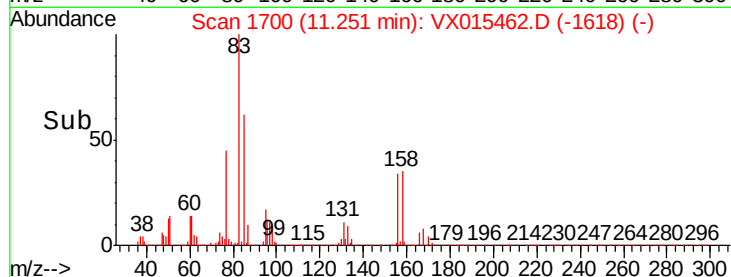
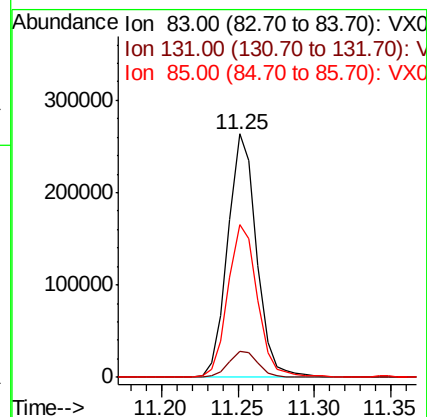
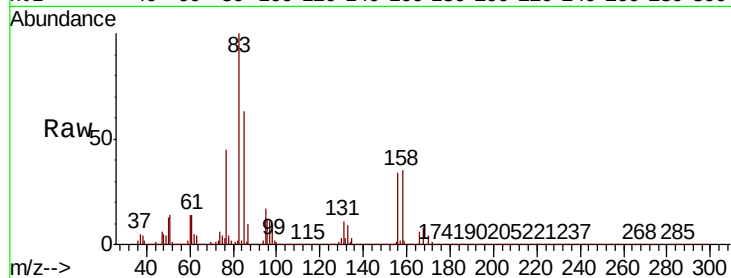
Tot Ion: 83 Resp: 342301

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

85 64.6 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 25.345 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015462.D

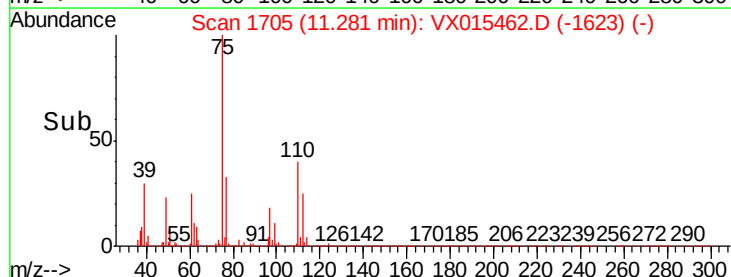
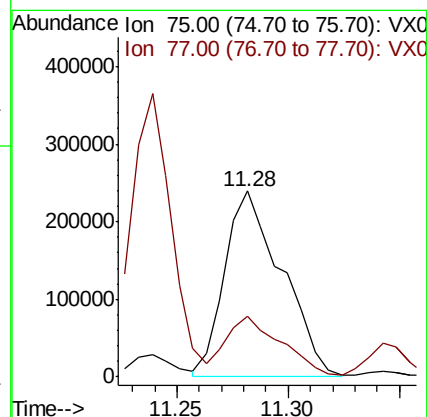
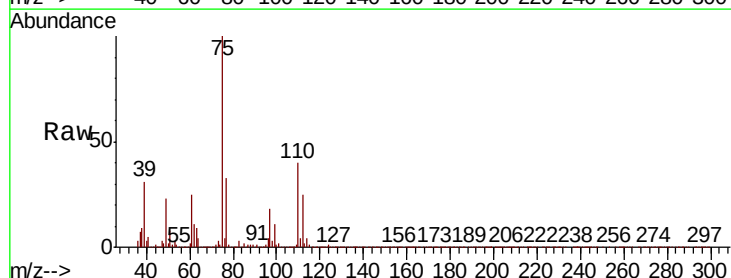
Acq: 01 Apr 2020 12:47

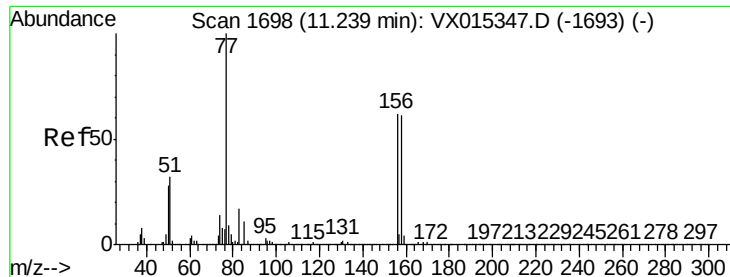
Tgt Ion: 75 Resp: 427024

Ion Ratio Lower Upper

75 100

77 31.6 0.0 80.0





#73

Bromobenzene

Concen: 18.853 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

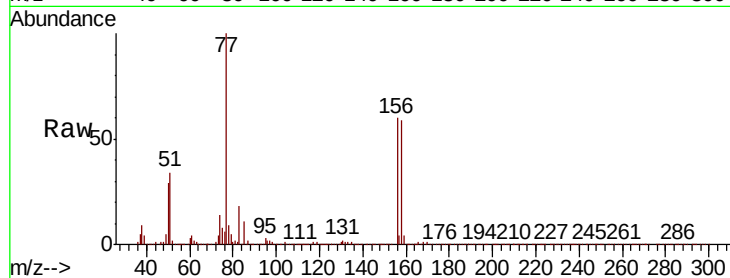
Tot Ion:156 Resp: 281154

Ion Ratio Lower Upper

156 100

77 164.8 0.0 324.4

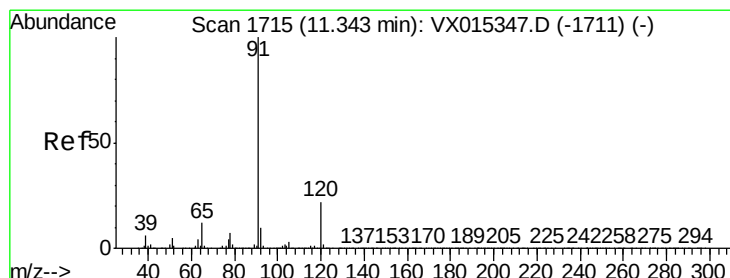
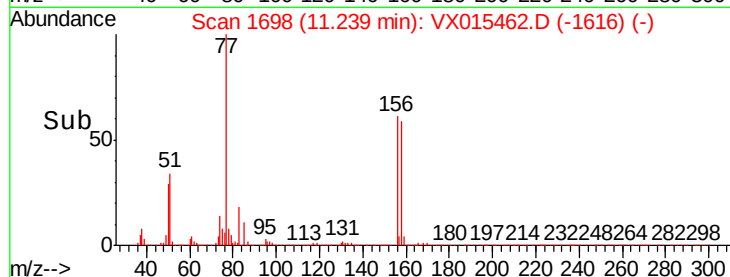
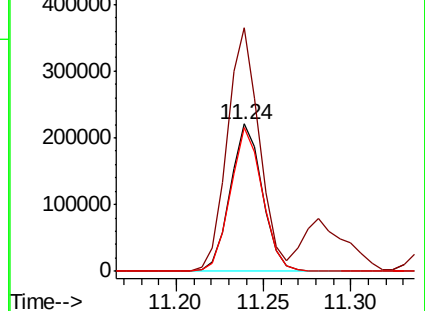
158 97.2 0.0 200.0



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: 20.011 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015462.D

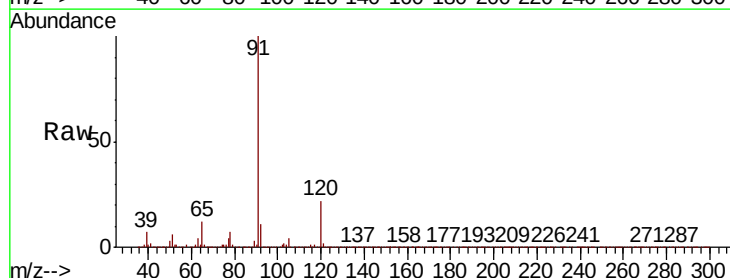
Acq: 01 Apr 2020 12:47

Tgt Ion: 91 Resp: 1275103

Ion Ratio Lower Upper

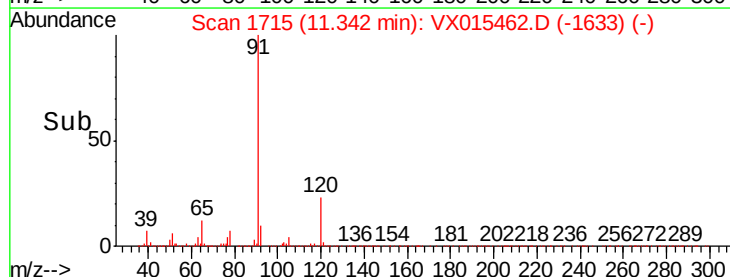
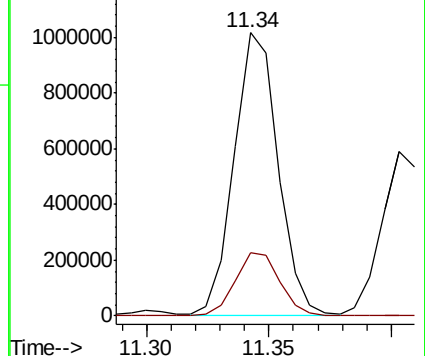
91 100

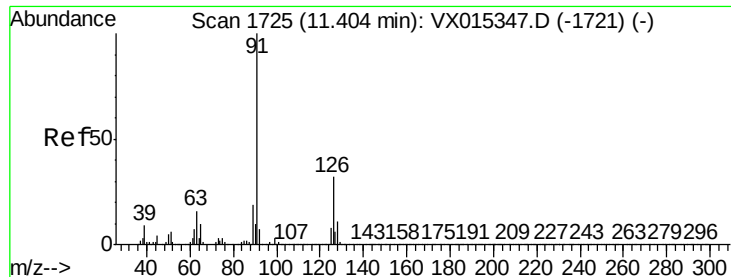
120 22.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.710 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

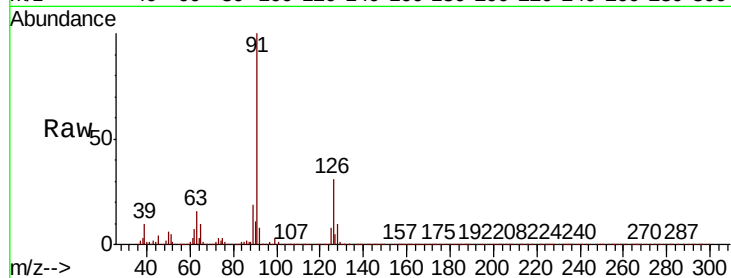
ClientSampleId :

Tot Ion: 91 Resp: 763891

Ion Ratio Lower Upper

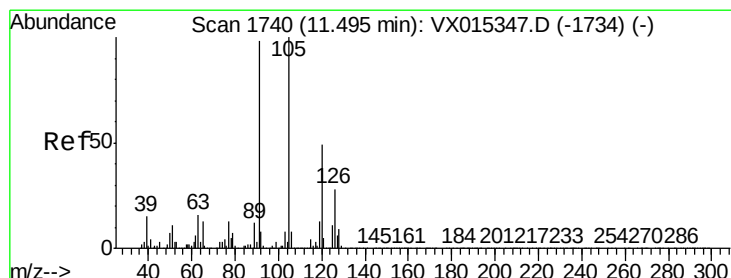
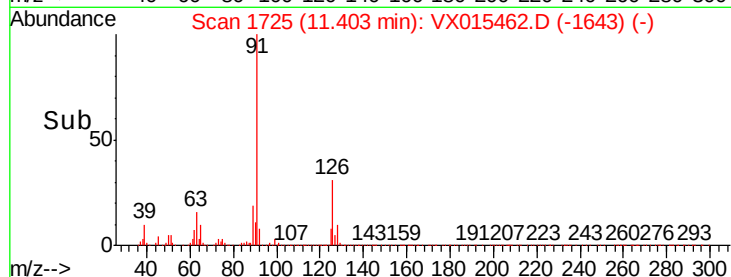
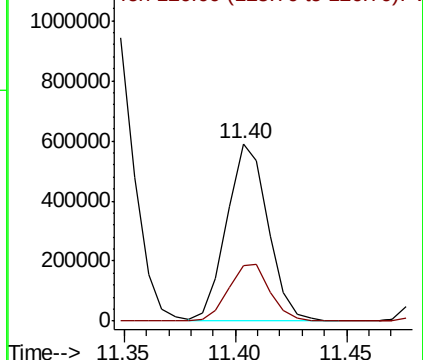
91 100

126 32.4 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.585 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015462.D

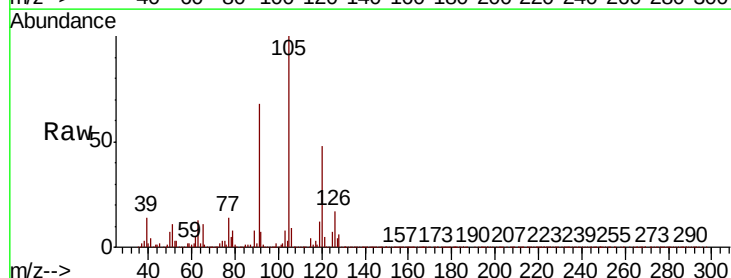
Acq: 01 Apr 2020 12:47

Tgt Ion:105 Resp: 934376

Ion Ratio Lower Upper

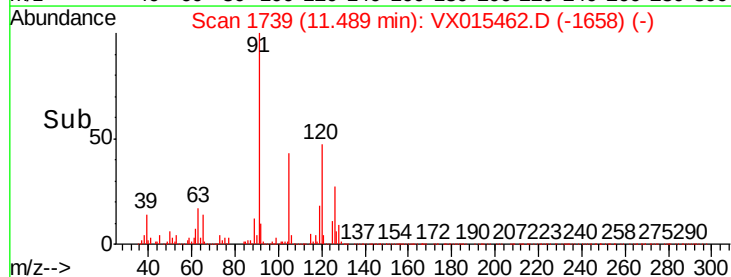
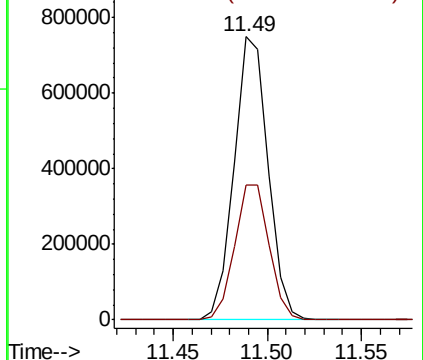
105 100

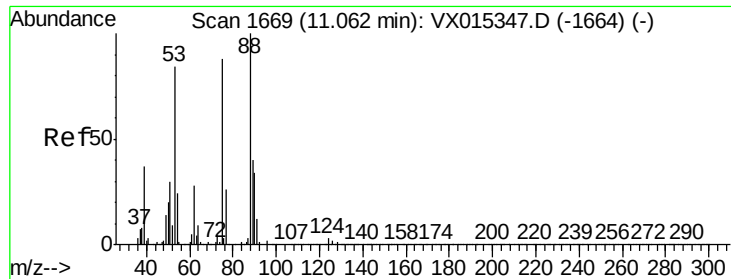
120 48.9 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.839 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

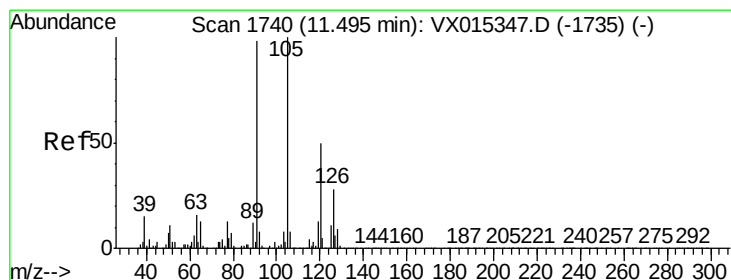
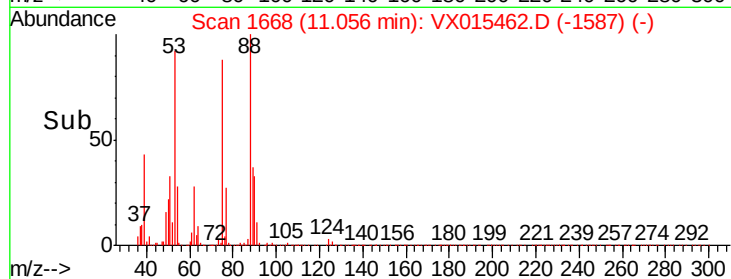
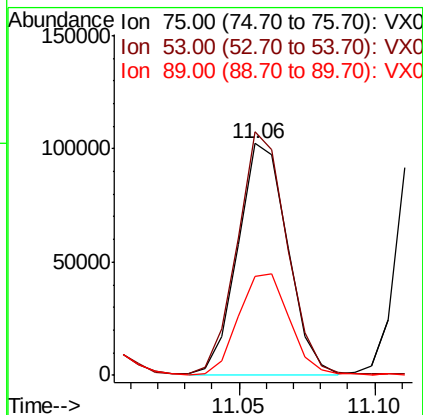
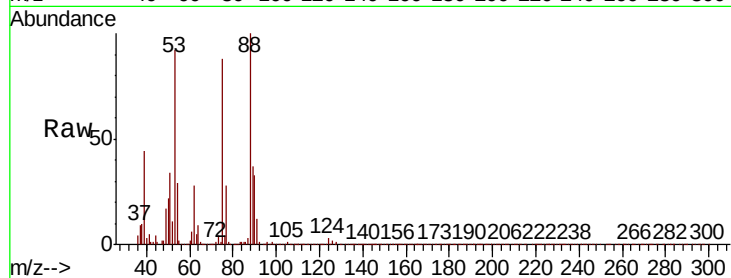
Tot Ion: 75 Resp: 129520

Ion Ratio Lower Upper

75 100

53 105.0 47.5 142.6

89 42.3 22.8 68.3



#78

4-Chlorotoluene

Concen: 19.708 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015462.D

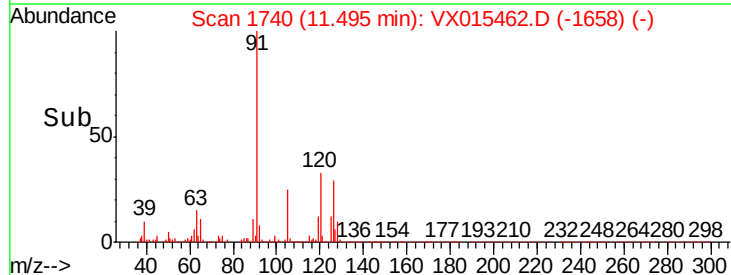
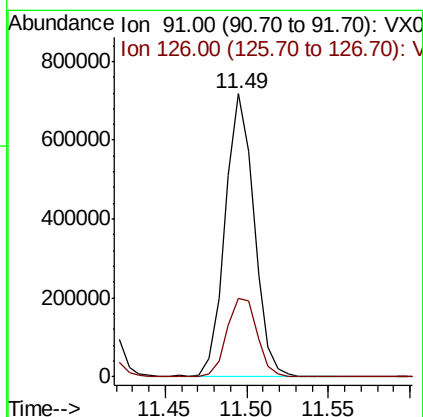
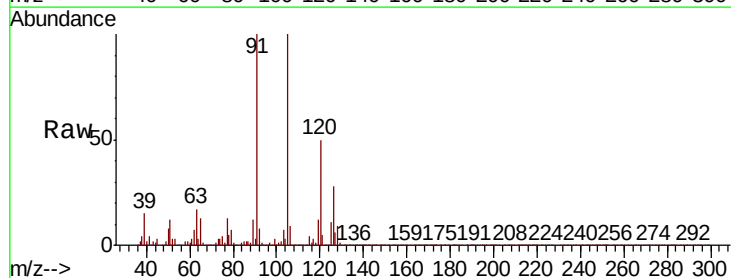
Acq: 01 Apr 2020 12:47

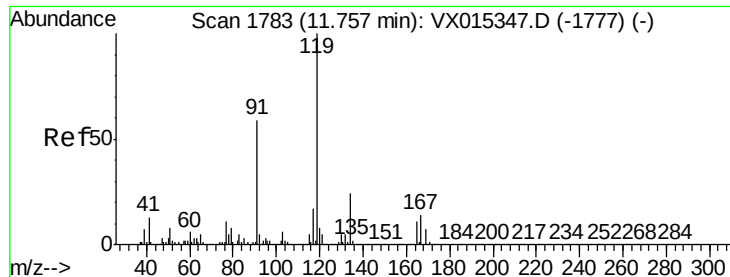
Tgt Ion: 91 Resp: 883607

Ion Ratio Lower Upper

91 100

126 29.2 0.0 57.8

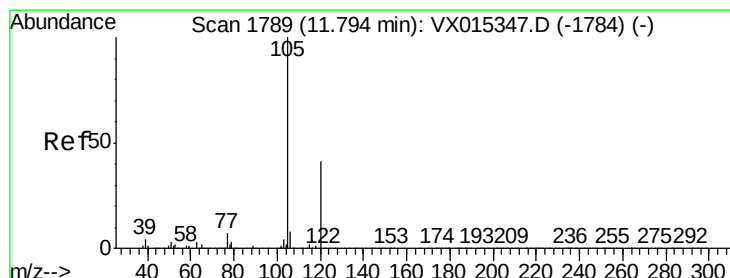
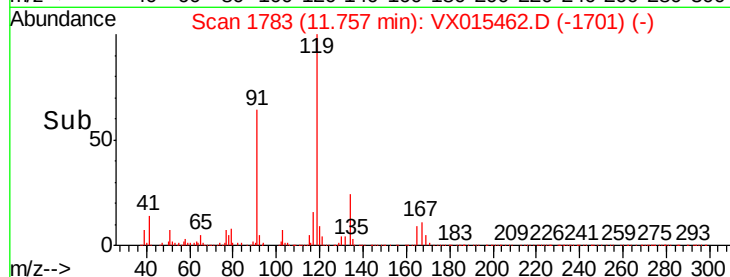
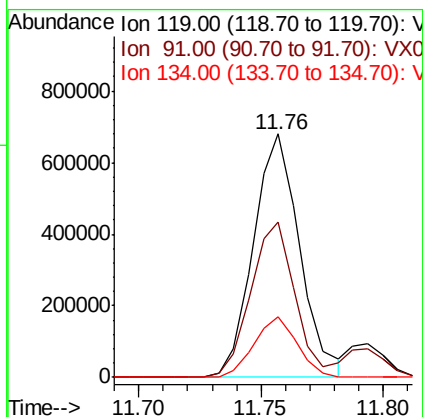
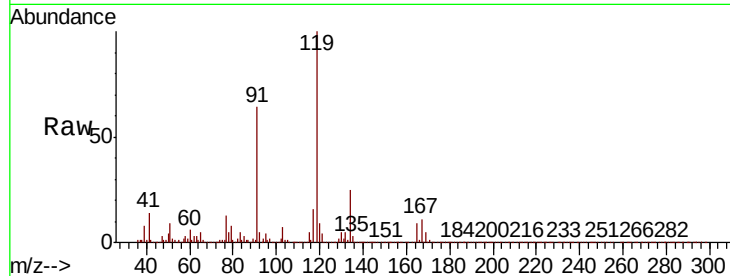




#79
tert-butylbenzene
Concen: 18.860 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

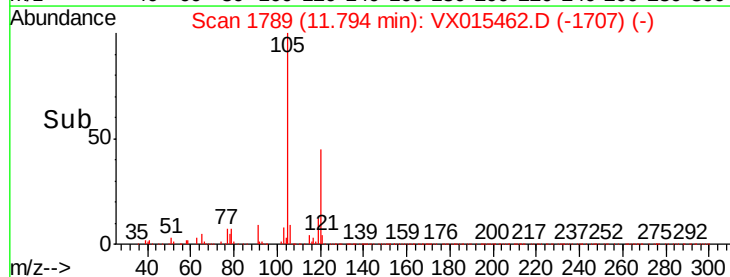
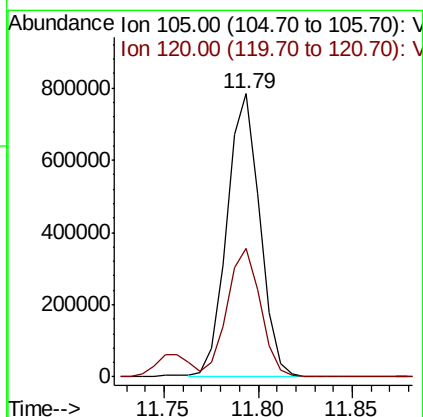
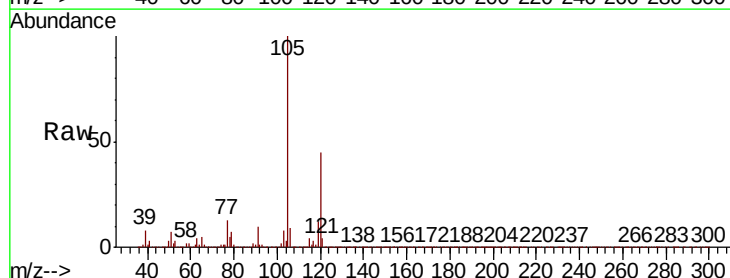
Instrument :
MSVOA_X
ClientSampleId :

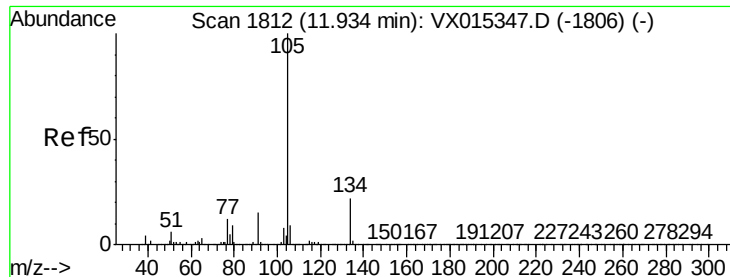
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	0.0	115.8
134	23.3	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 19.619 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015462.D
Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	0.0	91.0





#81

sec-Butylbenzene

Concen: 19.718 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

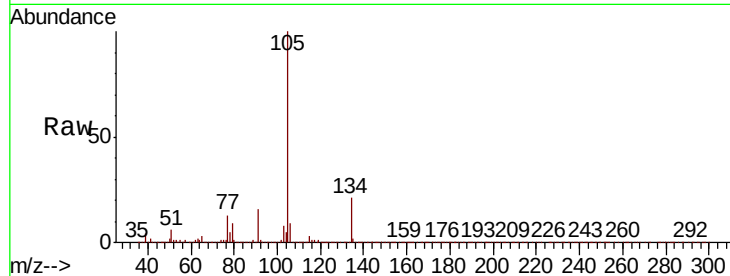
ClientSampleId :

Tot Ion:105 Resp: 1078521

Ion Ratio Lower Upper

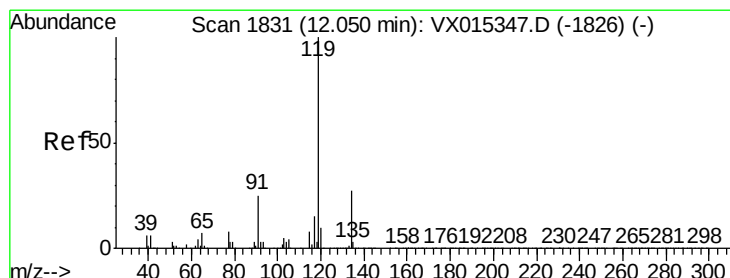
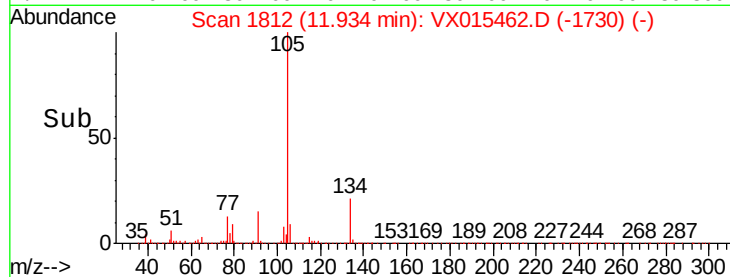
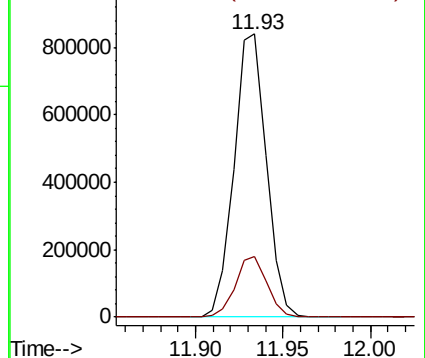
105 100

134 20.6 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.232 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

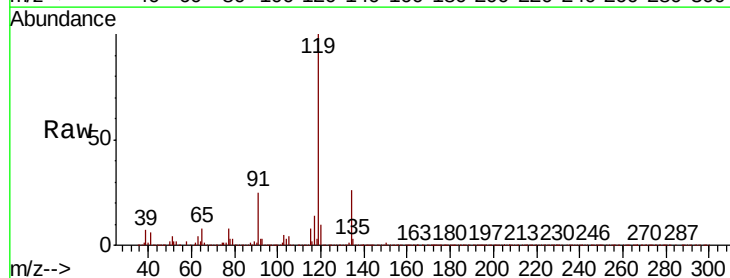
Tgt Ion:119 Resp: 991453

Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.2

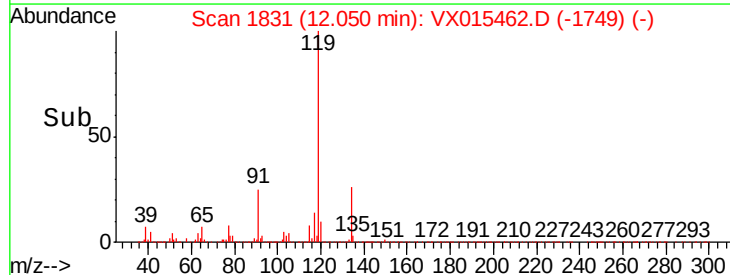
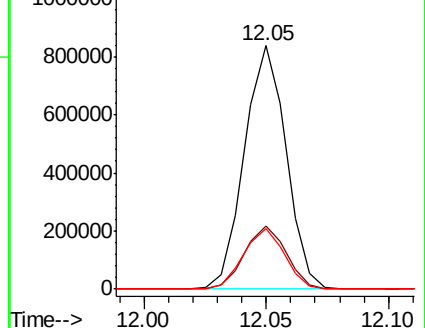
91 24.9 0.0 48.2

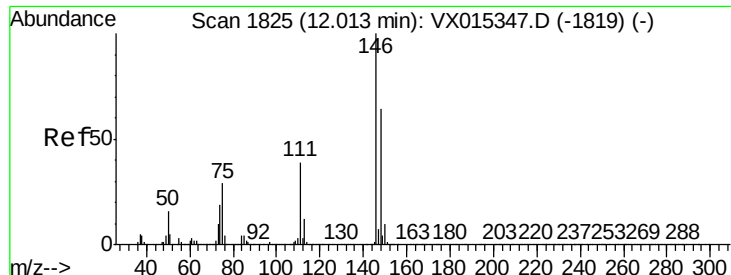


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.460 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

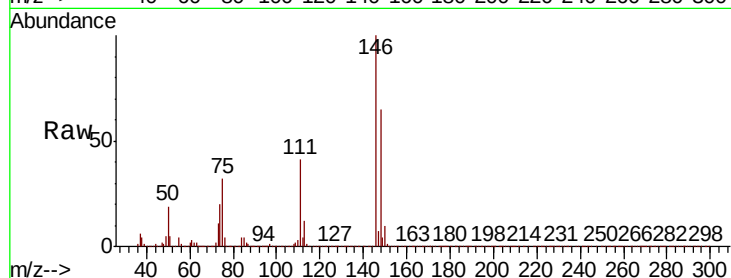
Tot Ion:146 Resp: 495023

Ion Ratio Lower Upper

146 100

111 41.2 20.1 60.2

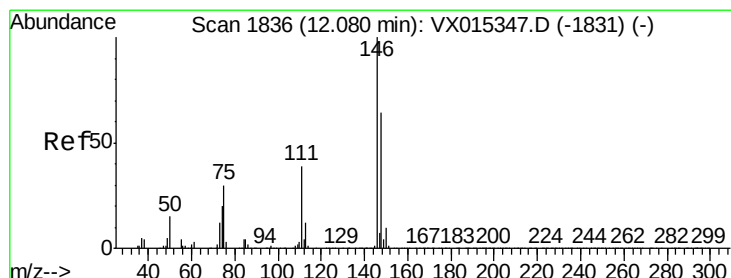
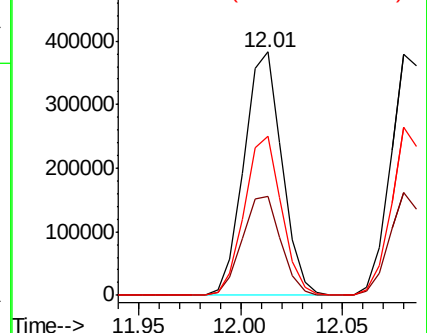
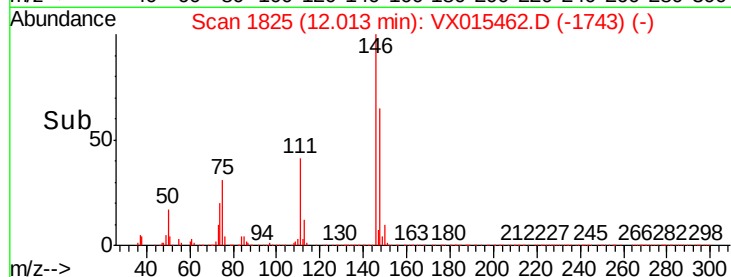
148 63.8 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.117 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

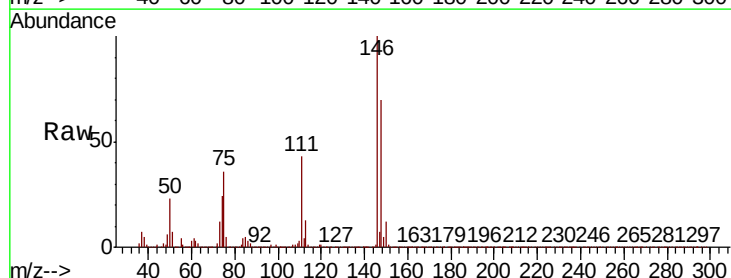
Tgt Ion:146 Resp: 484829

Ion Ratio Lower Upper

146 100

111 40.3 18.9 56.9

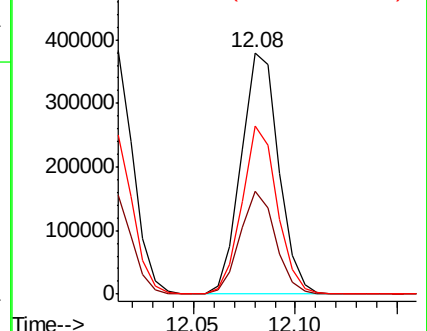
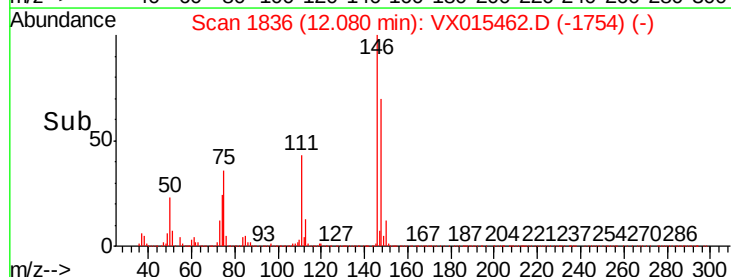
148 65.5 31.4 94.3

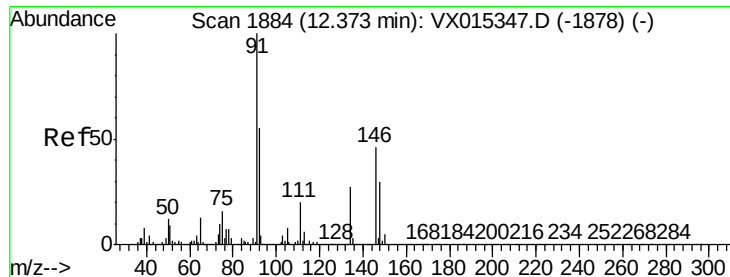


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.795 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

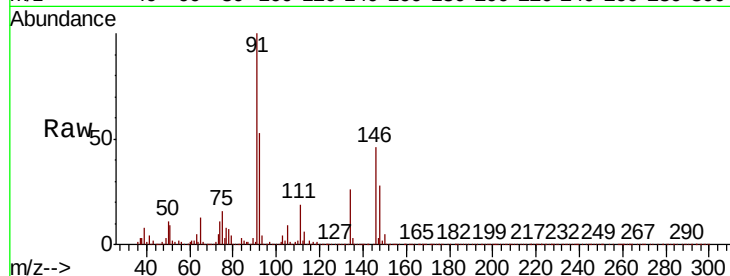
Tot Ion: 91 Resp: 909587

Ion Ratio Lower Upper

91 100

92 54.4 0.0 109.0

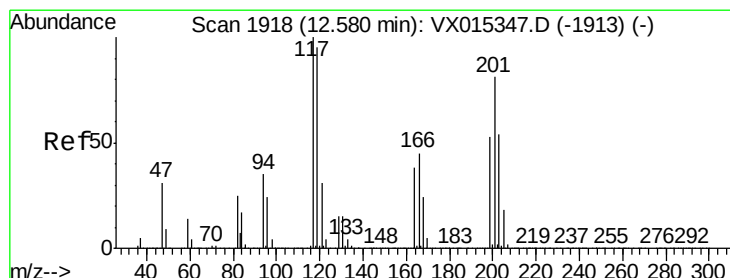
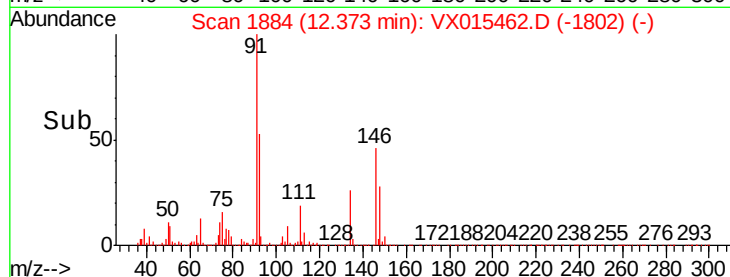
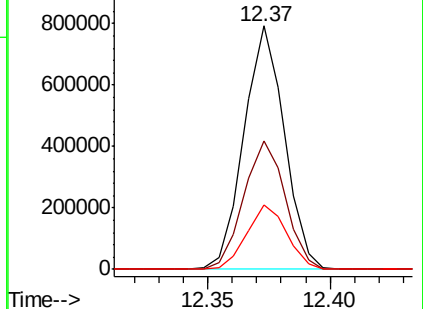
134 25.9 0.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX015347.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX015347.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX015347.D (-1878) (-)



#86

Hexachloroethane

Concen: 18.412 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015462.D

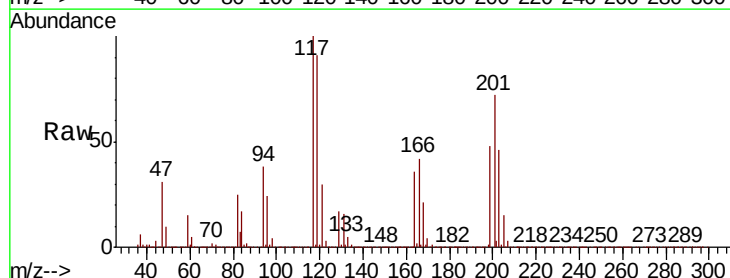
Acq: 01 Apr 2020 12:47

Tgt Ion: 117 Resp: 183455

Ion Ratio Lower Upper

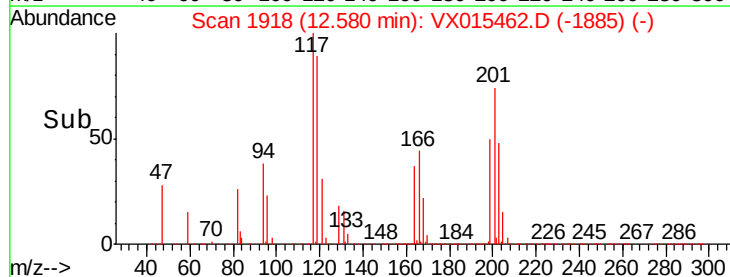
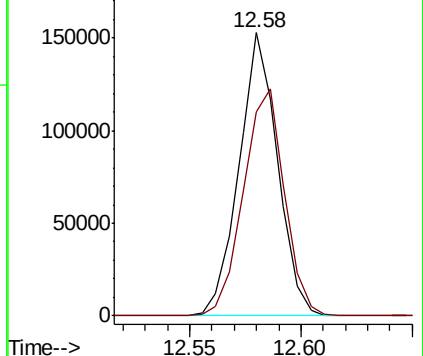
117 100

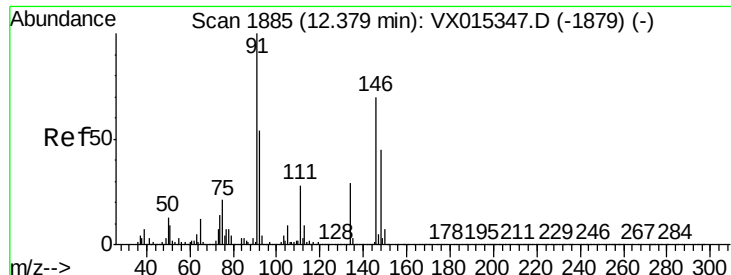
201 85.4 44.9 134.5



Abundance Ion 117.00 (116.70 to 117.70): VX015347.D (-1913) (-)

Ion 201.00 (200.70 to 201.70): VX015347.D (-1913) (-)

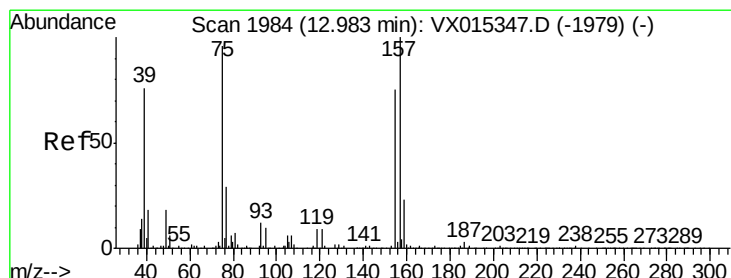
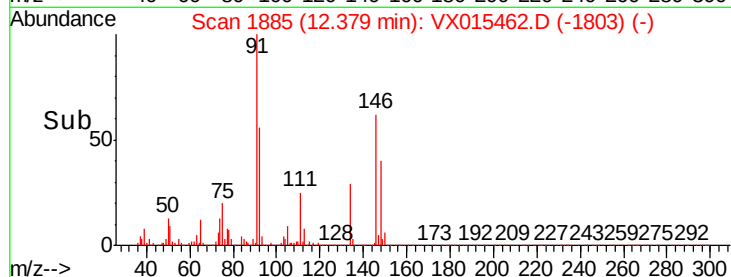
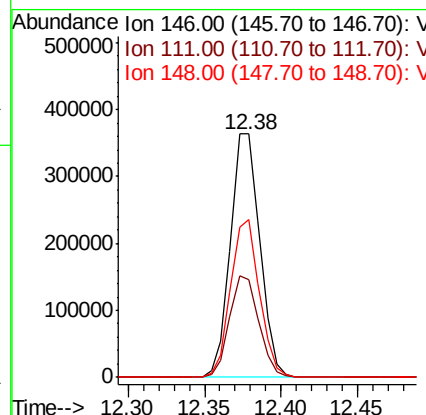
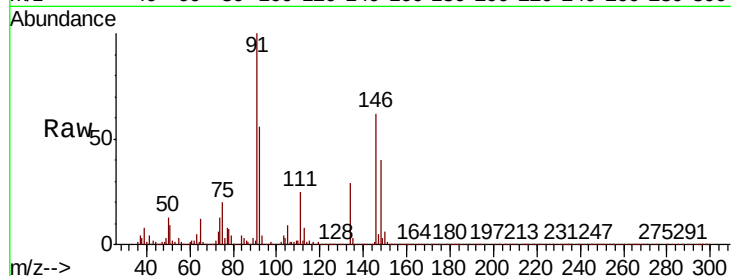




#87
 1,2-Dichlorobenzene
 Concen: 18.509 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

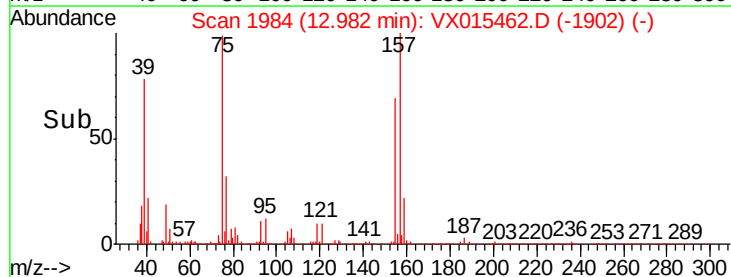
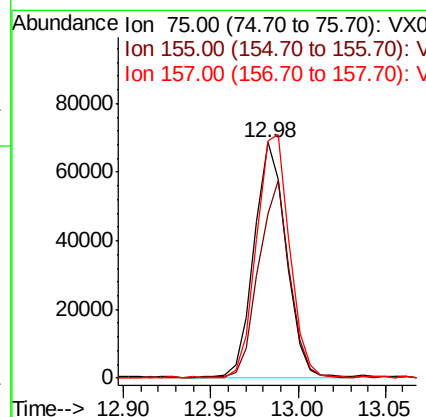
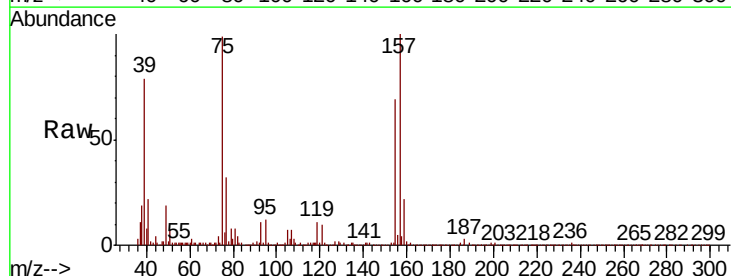
Instrument :
 MSVOA_X
 ClientSampleId :

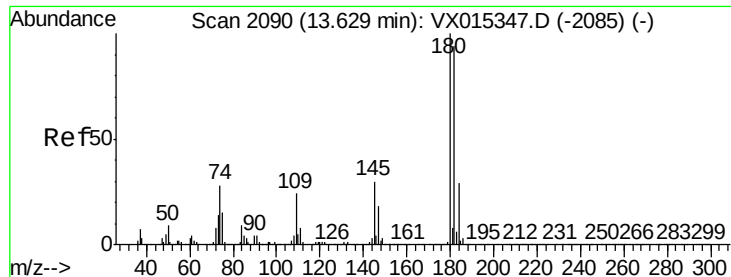
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.2
148	63.6	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.438 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	67.7	101.5
157	106.2	88.5	132.7

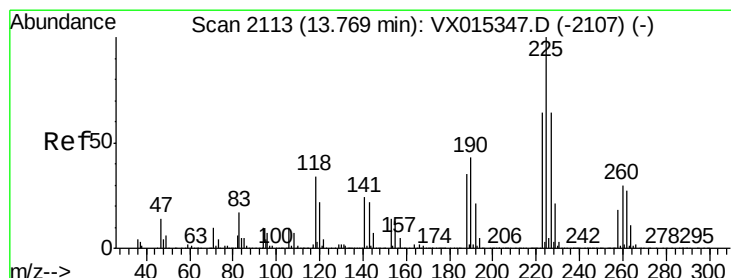
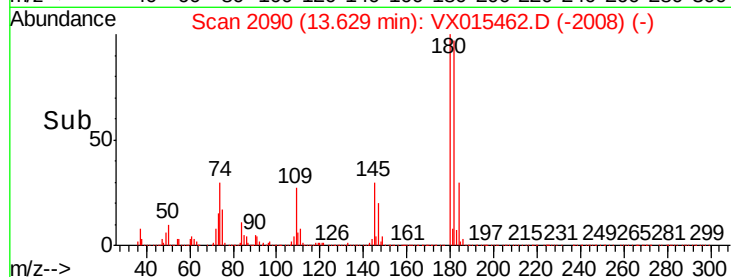
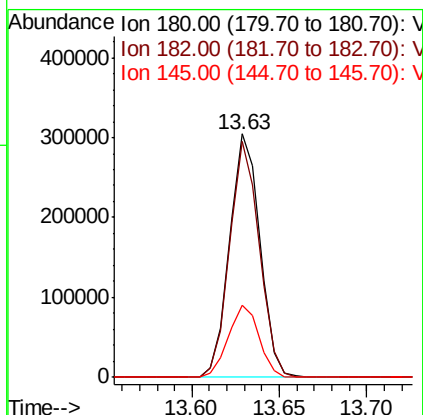
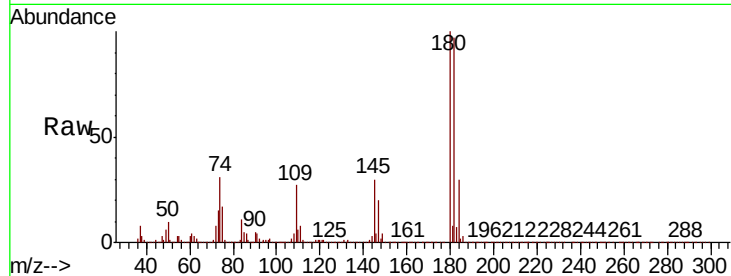




#89
 1,2,4-Trichlorobenzene
 Concen: 17.418 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

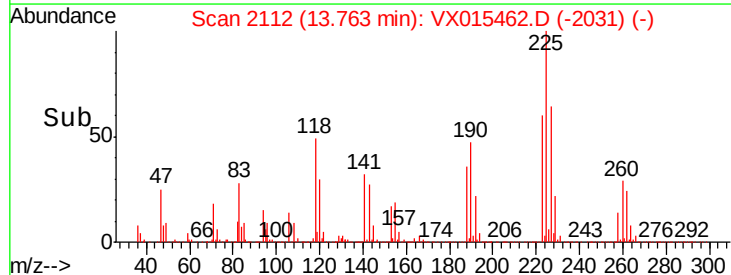
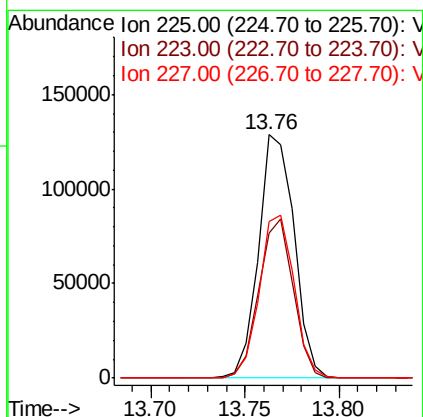
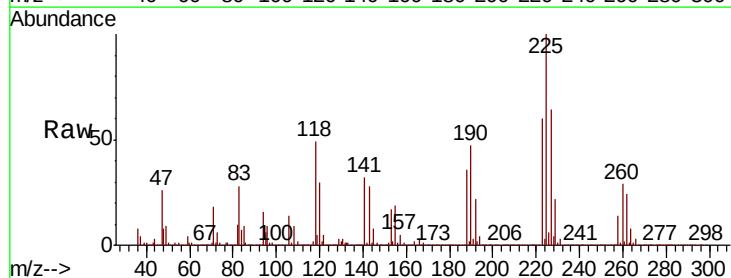
Instrument :
 MSVOA_X
 ClientSampleId :

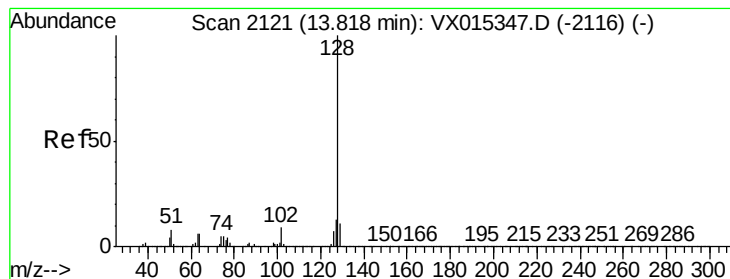
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	29.9	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 15.191 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015462.D
 Acq: 01 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	127.0
227	65.3	0.0	126.8





#91

Naphthalene

Concen: 18.283 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

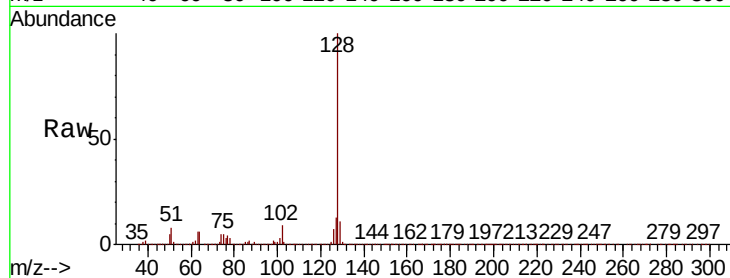
Tot Ion:128 Resp: 1115763

Ion Ratio Lower Upper

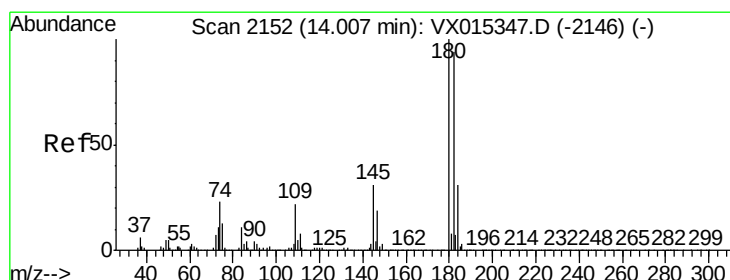
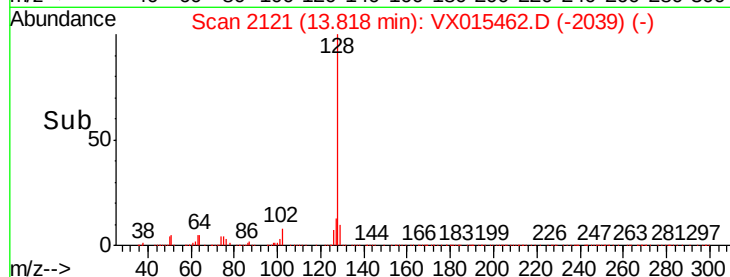
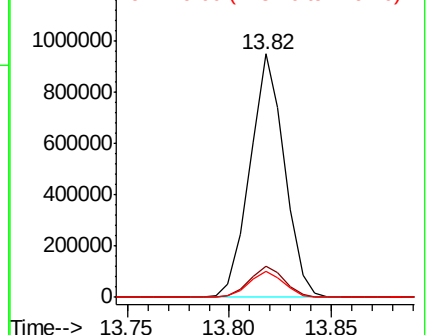
128 100

127 13.1 10.3 15.5

129 10.9 8.9 13.3



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: 17.152 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. -0.00 min

Lab File: VX015462.D

Acq: 01 Apr 2020 12:47

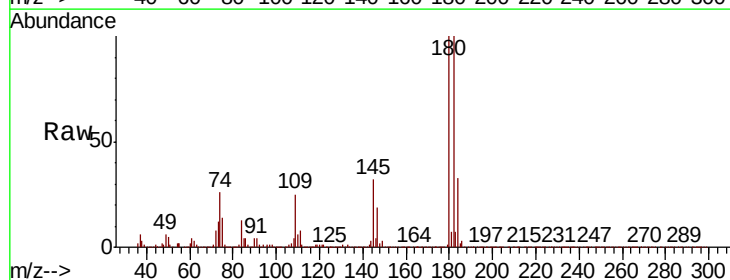
Tgt Ion:180 Resp: 359096

Ion Ratio Lower Upper

180 100

182 95.4 0.0 191.0

145 32.5 0.0 62.2



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

