

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015087.D
 Acq On : 04 Mar 2020 15:01
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Quant Time: Mar 05 07:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	399010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	554769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	230946	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	188784	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	726030	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	255773	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	67259	19.250	ug/l	100
3) Chloromethane	1.32	50	93868	18.966	ug/l	99
4) Vinyl Chloride	1.40	62	95653	19.060	ug/l	98
5) Bromomethane	1.64	94	61600	19.965	ug/l	95
6) Chloroethane	1.72	64	59566	19.786	ug/l	98
7) Trichlorofluoromethane	1.92	101	115103	19.275	ug/l	99
8) Diethyl Ether	2.18	74	53479	19.772	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72853	19.391	ug/l	98
10) Methyl Iodide	2.50	142	69134	16.287	ug/l	99
11) Tert butyl alcohol	3.03	59	80822	98.407	ug/l	96
12) 1,1-Dichloroethene	2.36	96	75668	19.515	ug/l	99
13) Acrolein	2.28	56	65266	84.560	ug/l	99
14) Allyl chloride	2.72	41	125140	18.509	ug/l	97
15) Acrylonitrile	3.13	53	198827	97.208	ug/l	99
16) Acetone	2.44	43	175297	91.440	ug/l	98
17) Carbon Disulfide	2.56	76	200076	18.580	ug/l	99
18) Methyl Acetate	2.76	43	87000	18.560	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	238992	19.724	ug/l	100
20) Methylene Chloride	2.84	84	81470	18.159	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	79370	19.170	ug/l	99
22) Diisopropyl ether	3.84	45	260618	19.348	ug/l	96
23) Vinyl Acetate	3.80	43	1107846	100.053	ug/l	99
24) 1,1-Dichloroethane	3.69	63	141277	18.897	ug/l	99
25) 2-Butanone	4.66	43	274133	97.675	ug/l	97
26) 2,2-Dichloropropane	4.58	77	109819	18.504	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	87463	18.830	ug/l	98
28) Bromochloromethane	5.00	49	68132	20.014	ug/l	97
29) Tetrahydrofuran	5.11	42	177704	98.224	ug/l	98
30) Chloroform	5.20	83	140775	19.320	ug/l	97
31) Cyclohexane	5.57	56	129462	19.414	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	117095	19.386	ug/l	99
36) 1,1-Dichloropropene	5.79	75	107719	19.479	ug/l	99
37) Ethyl Acetate	4.82	43	106371	20.736	ug/l	97
38) Carbon Tetrachloride	5.77	117	101245	19.396	ug/l	94

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Quant Time: Mar 05 07:41:52 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127933	19.812	ug/l	99
40) Benzene	6.13	78	321753	19.610	ug/l	98
41) Methacrylonitrile	5.03	41	59225	19.221	ug/l	99
42) 1,2-Dichloroethane	6.18	62	117476	20.850	ug/l	98
43) Isopropyl Acetate	6.43	43	180587	20.011	ug/l	100
44) Trichloroethene	7.20	130	87382	19.124	ug/l	93
45) 1,2-Dichloropropane	7.51	63	82985	19.540	ug/l	100
46) Dibromomethane	7.65	93	53800	19.442	ug/l	98
47) Bromodichloromethane	7.89	83	108219	19.776	ug/l	99
48) Methyl methacrylate	7.76	41	88459	19.259	ug/l	99
49) 1,4-Dioxane	7.74	88	40533	408.160	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	547976	102.700	ug/l	100
52) Toluene	8.78	92	200960	20.032	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	116521	20.006	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	128824	19.564	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	81010	19.619	ug/l	97
56) Ethyl methacrylate	9.17	69	119759	20.334	ug/l	100
57) 1,3-Dichloropropane	9.36	76	139060	20.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	314234	97.937	ug/l	100
59) 2-Hexanone	9.48	43	406461	102.778	ug/l	99
60) Dibromochloromethane	9.57	129	85846	19.792	ug/l	99
61) 1,2-Dibromoethane	9.67	107	84508	19.485	ug/l	97
64) Tetrachloroethene	9.33	164	89196	19.446	ug/l	98
65) Chlorobenzene	10.13	112	217690	19.545	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	78662	18.730	ug/l	98
67) Ethyl Benzene	10.25	91	379974	20.091	ug/l	100
68) m/p-Xylenes	10.35	106	290485	40.369	ug/l	100
69) o-Xylene	10.70	106	139117	20.193	ug/l	99
70) Styrene	10.71	104	233457	19.763	ug/l	100
71) Bromoform	10.85	173	62797	19.282	ug/l #	98
73) Isopropylbenzene	11.01	105	375472	20.956	ug/l	99
74) N-amyl acetate	10.89	43	149938	19.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	117470	19.673	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130606	23.345	ug/l	78
77) Bromobenzene	11.25	156	96144	19.255	ug/l	98
78) n-propylbenzene	11.35	91	421981	20.615	ug/l	100
79) 2-Chlorotoluene	11.42	91	250332	20.478	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	307355	20.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36844	18.690	ug/l	95
82) 4-Chlorotoluene	11.51	91	291160	20.160	ug/l	100
83) tert-Butylbenzene	11.76	119	297689	20.641	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	314166	20.967	ug/l	100
85) sec-Butylbenzene	11.94	105	361875	20.786	ug/l	99
86) p-Isopropyltoluene	12.06	119	329860	20.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174501	19.880	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	171429	18.916	ug/l	99
89) n-Butylbenzene	12.39	91	285369	20.003	ug/l	100
90) Hexachloroethane	12.59	117	59224	19.530	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	169054	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24134	20.184	ug/l	98

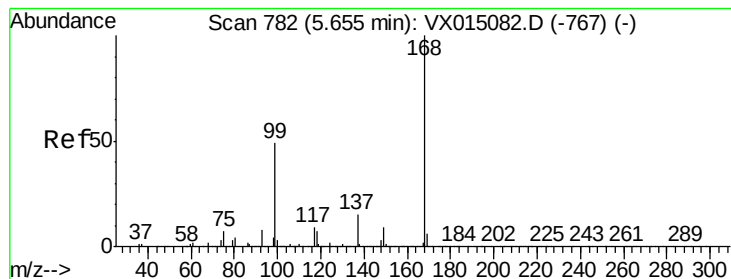
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119517	19.729	ug/l	98
94) Hexachlorobutadiene	13.77	225	58549	18.835	ug/l	96
95) Naphthalene	13.83	128	342851	19.363	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	120668	19.965	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

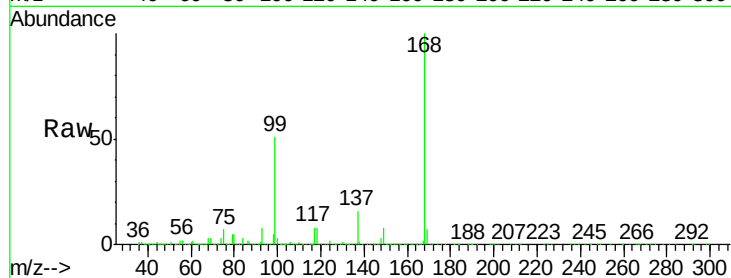
VX0304WBS01

Tgt Ion:168 Resp: 399010

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

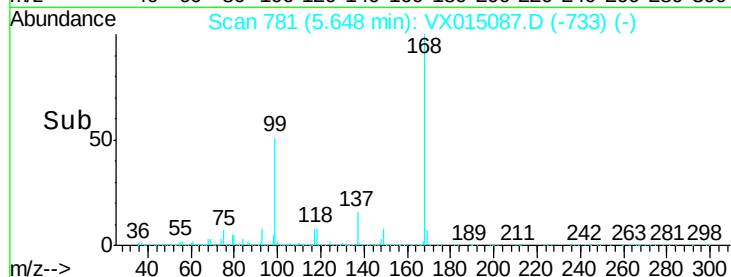
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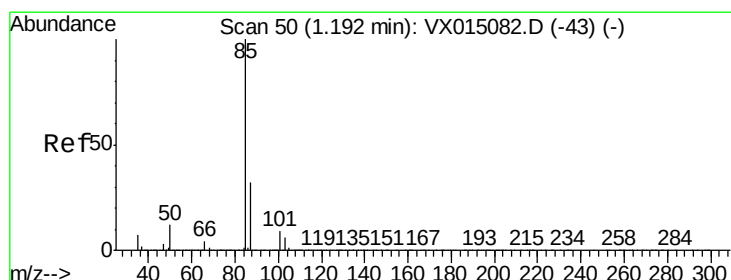
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 19.250 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015087.D

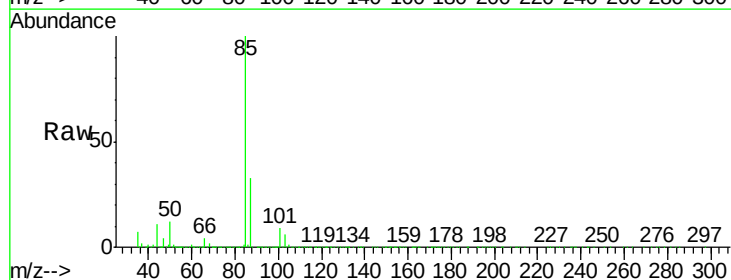
Acq: 04 Mar 2020 15:01

Tgt Ion: 85 Resp: 67259

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

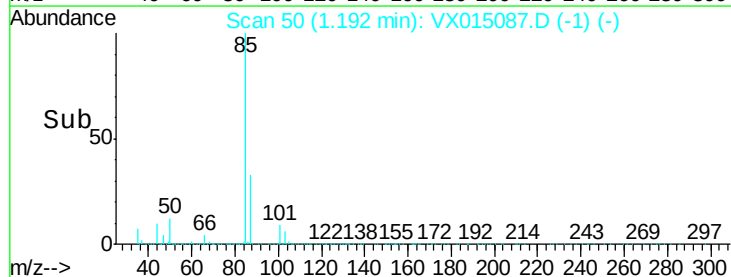
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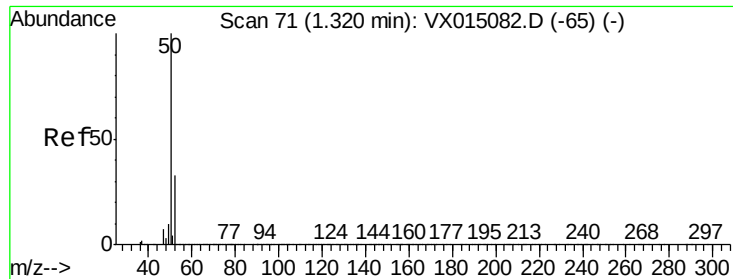
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1.10 1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 18.966 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

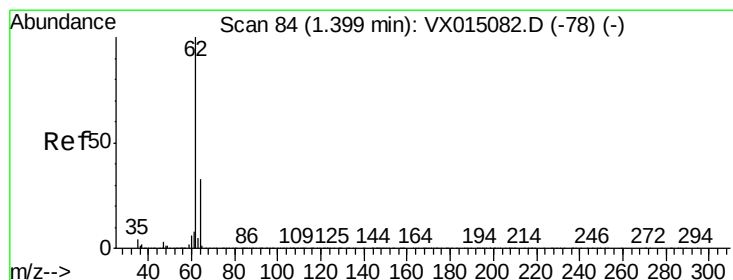
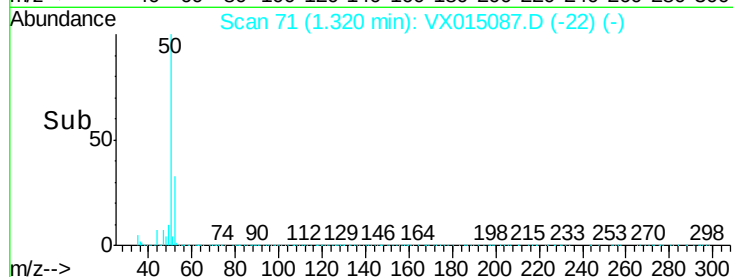
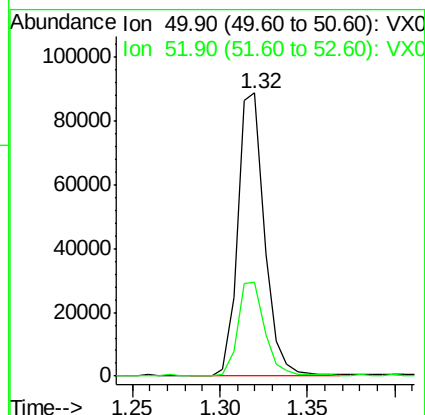
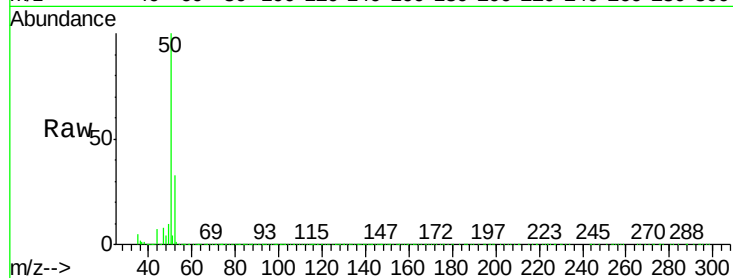
VX0304WBS01

Tgt Ion: 50 Resp: 93868

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 19.060 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015087.D

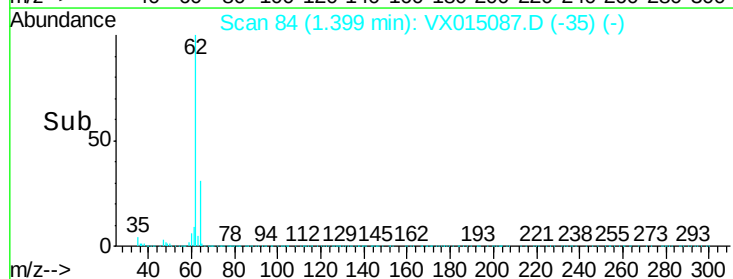
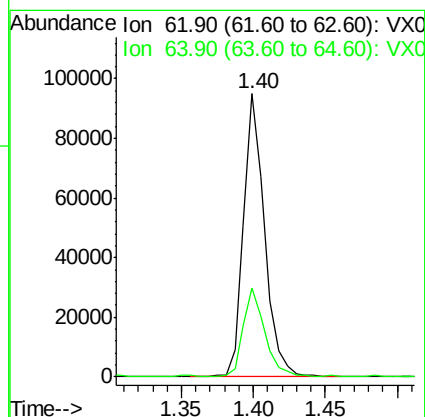
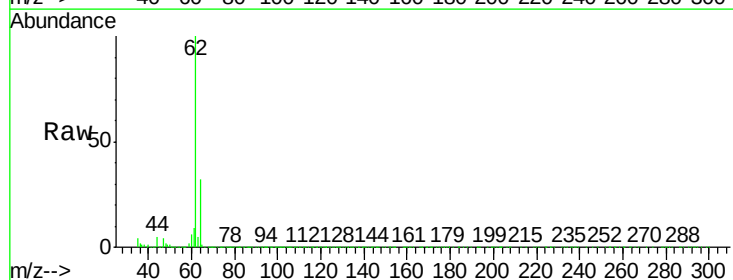
Acq: 04 Mar 2020 15:01

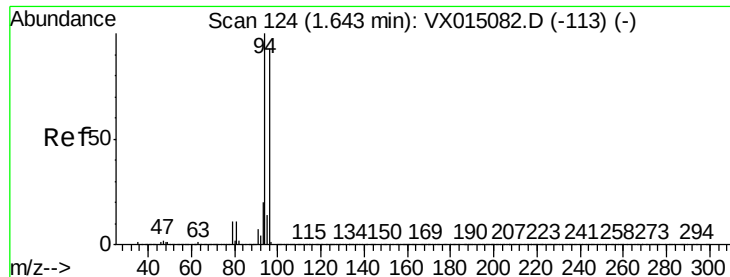
Tgt Ion: 62 Resp: 95653

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 19.965 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

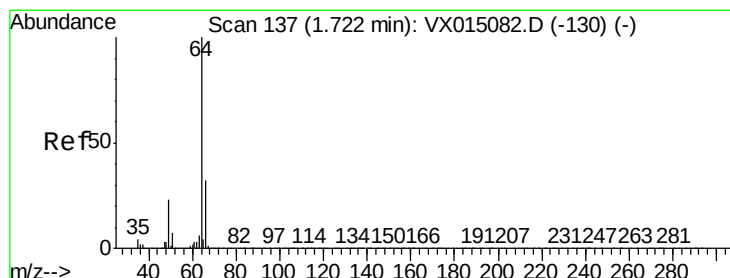
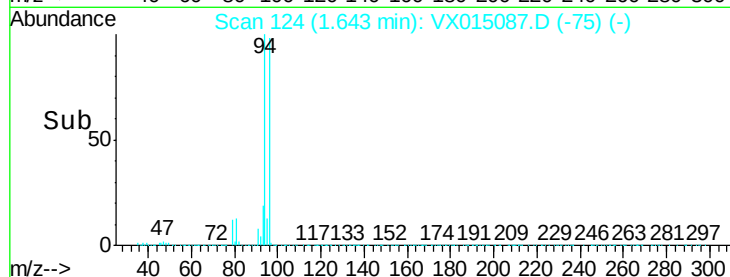
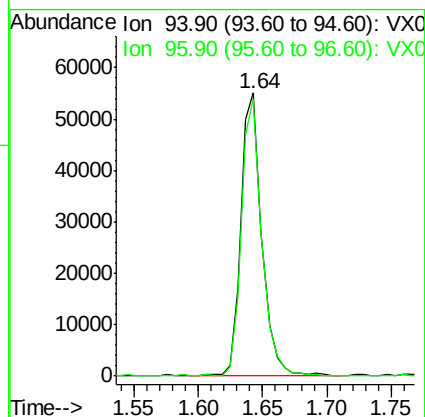
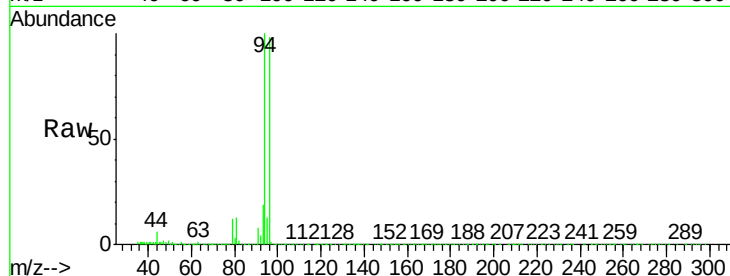
VX0304WBS01

Tgt Ion: 94 Resp: 61600

Ion Ratio Lower Upper

94 100

96 97.6 74.6 111.8



#6

Chloroethane

Concen: 19.786 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015087.D

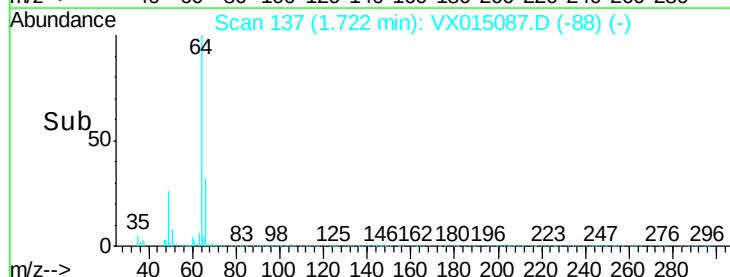
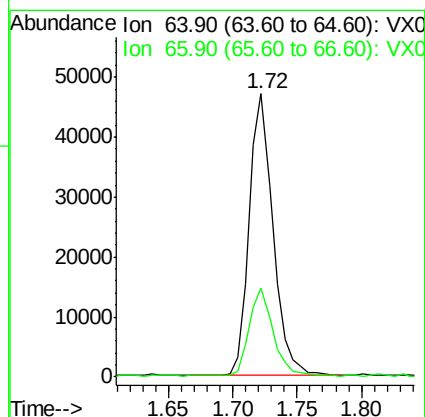
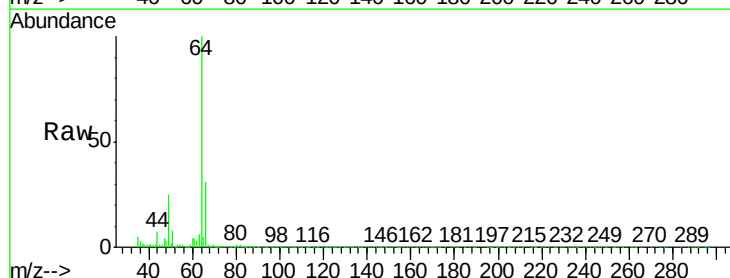
Acq: 04 Mar 2020 15:01

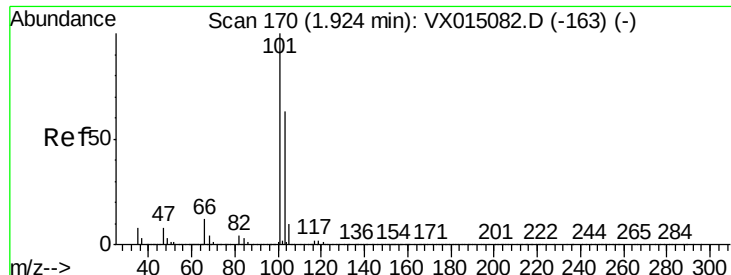
Tgt Ion: 64 Resp: 59566

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8



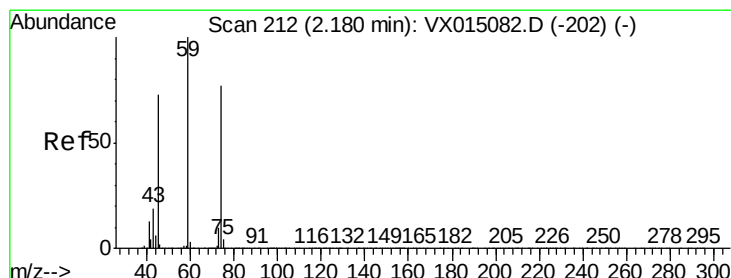
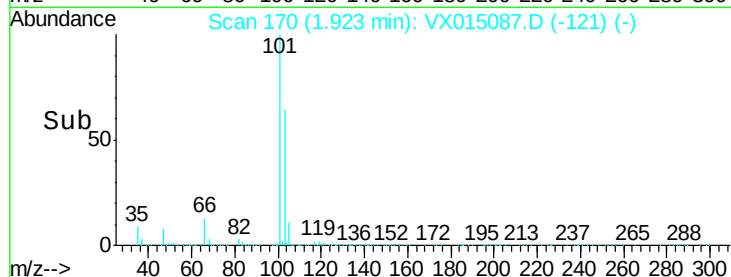
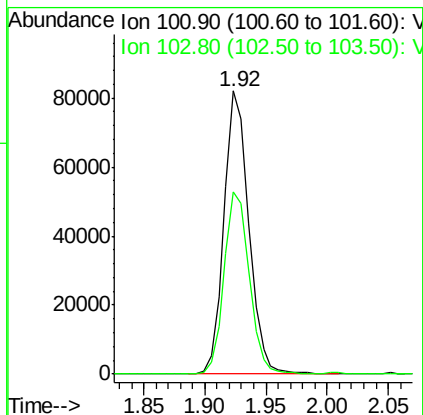
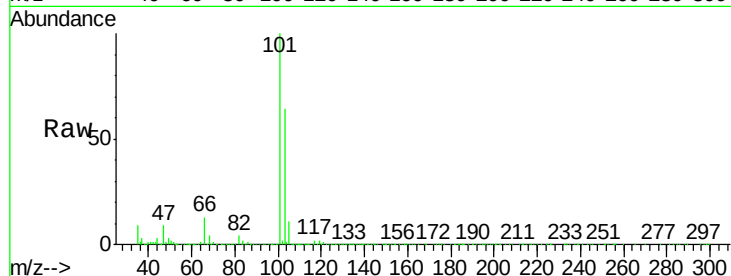


#7

Trichlorofluoromethane
Concen: 19.275 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

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MSVOA_X
ClientSampleId :
VX0304WBS01

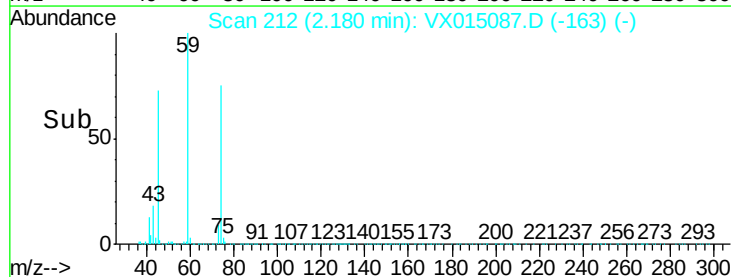
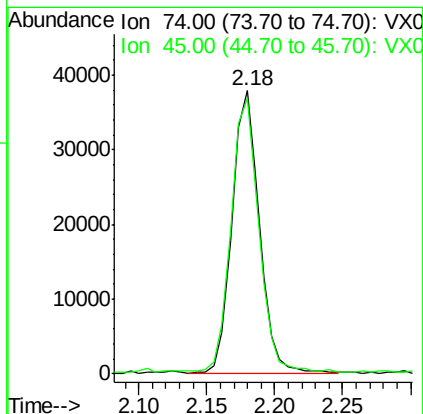
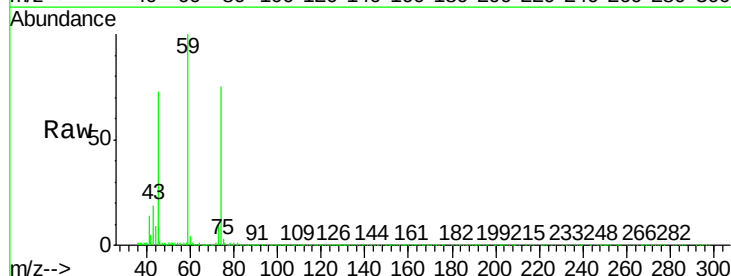
Tgt Ion:101 Resp: 115103
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6

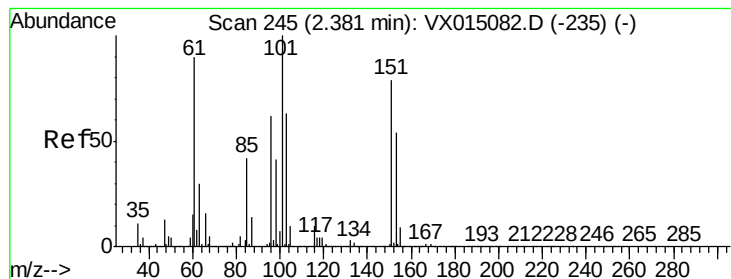


#8

Diethyl Ether
Concen: 19.772 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 74 Resp: 53479
Ion Ratio Lower Upper
74 100
45 99.0 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.391 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

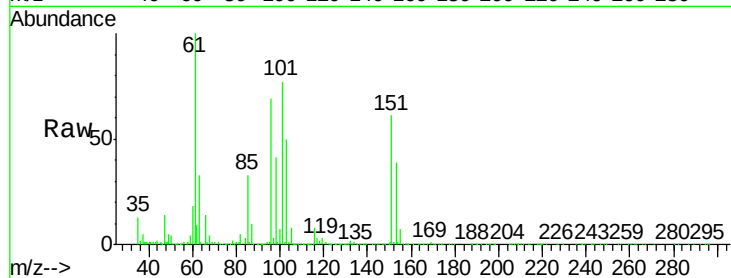
Tgt Ion:101 Resp: 72853

Ion Ratio Lower Upper

101 100

85 40.7 33.7 50.5

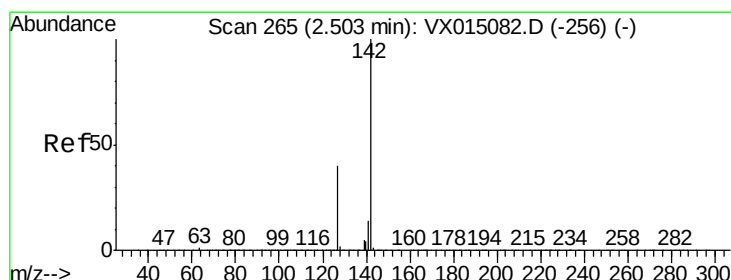
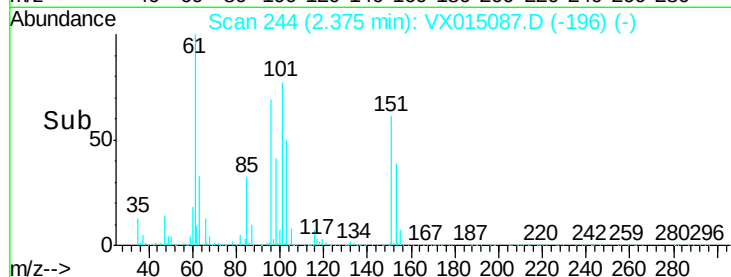
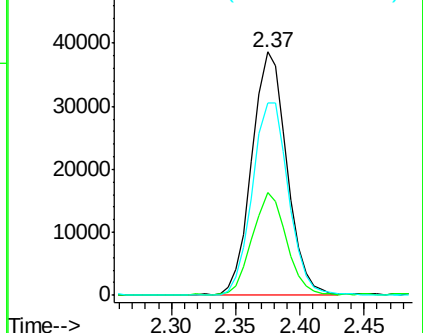
151 82.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.287 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

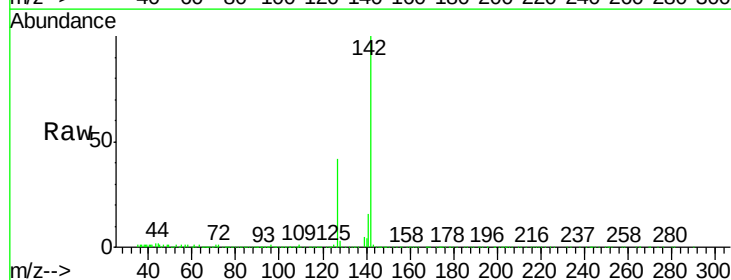
Tgt Ion:142 Resp: 69134

Ion Ratio Lower Upper

142 100

127 39.8 31.7 47.5

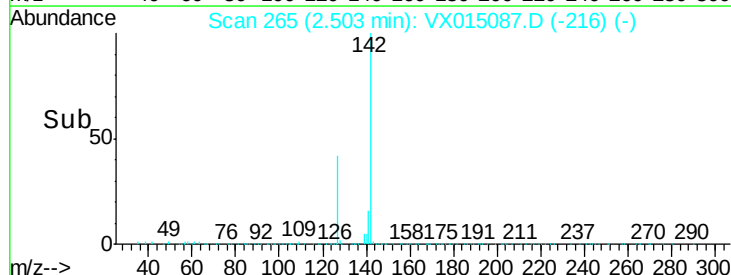
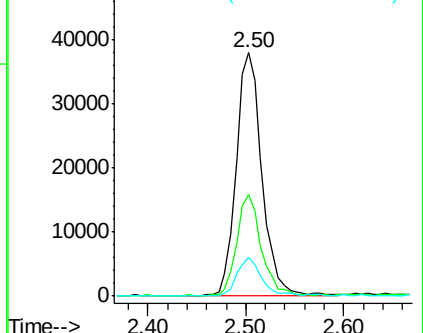
141 15.4 11.3 16.9

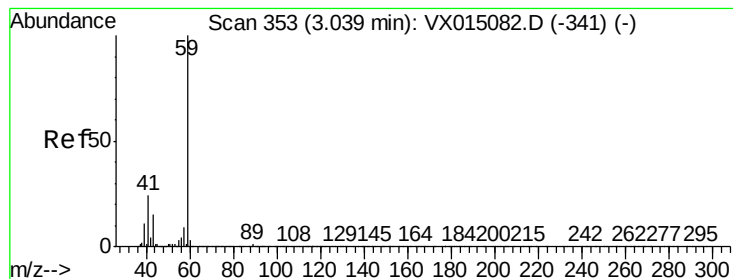


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



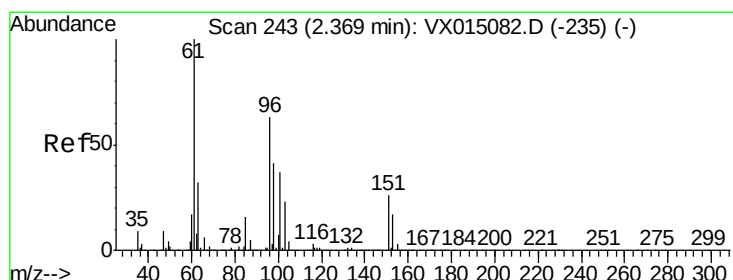
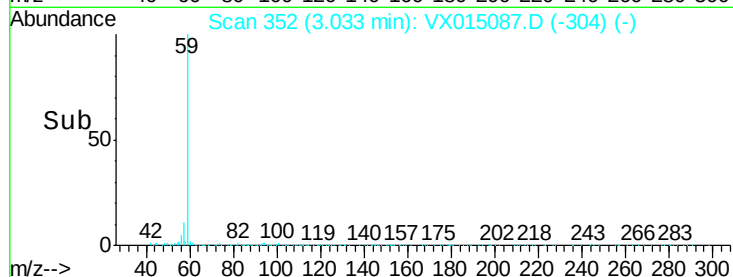
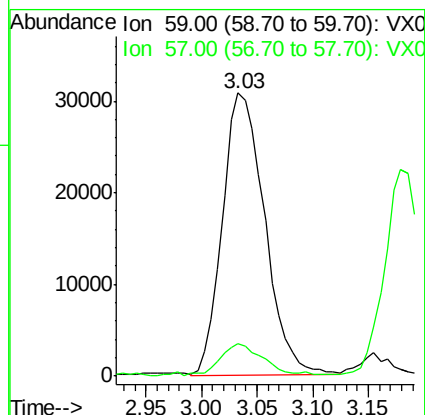
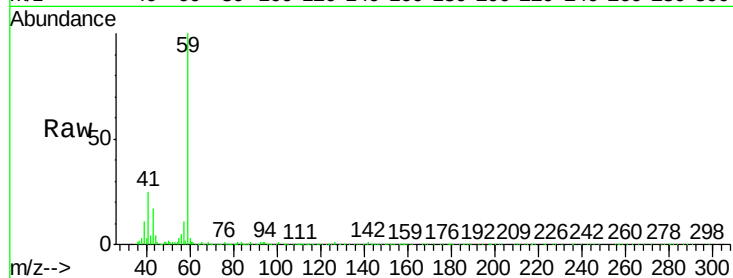


#11

Tert butyl alcohol
Concen: 98.407 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

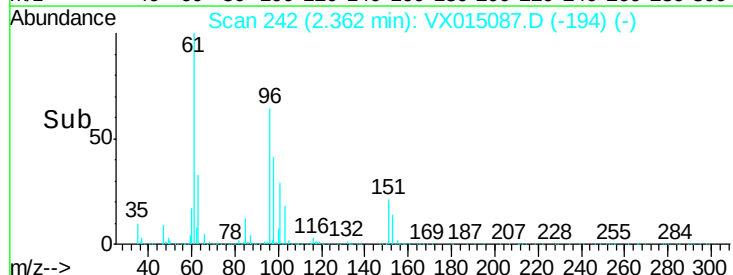
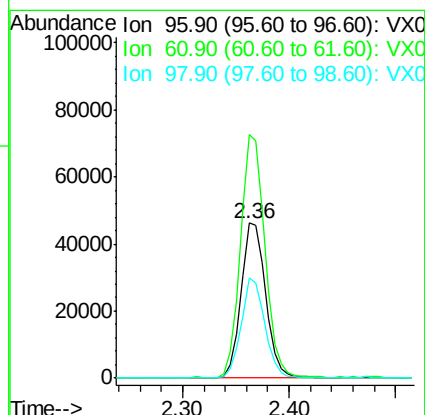
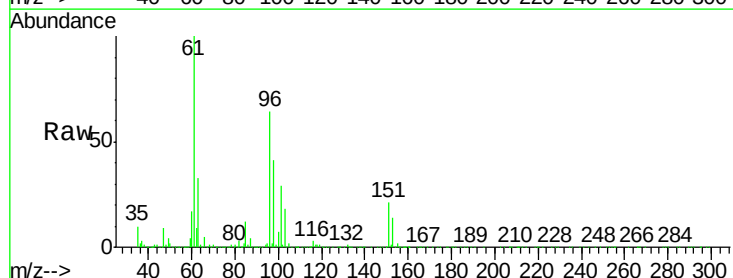
Tgt Ion: 59 Resp: 80822
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

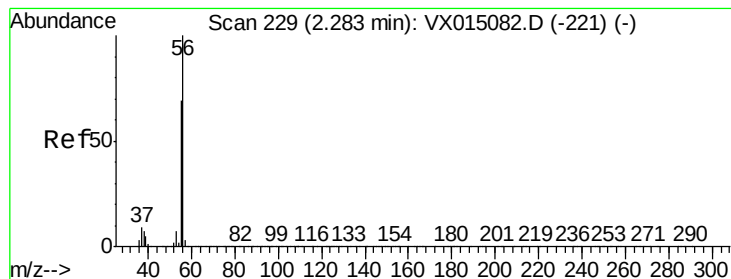


#12

1,1-Dichloroethene
Concen: 19.515 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 96 Resp: 75668
Ion Ratio Lower Upper
96 100
61 156.9 126.2 189.4
98 64.5 51.4 77.0





#13

Acrolein

Concen: 84.560 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

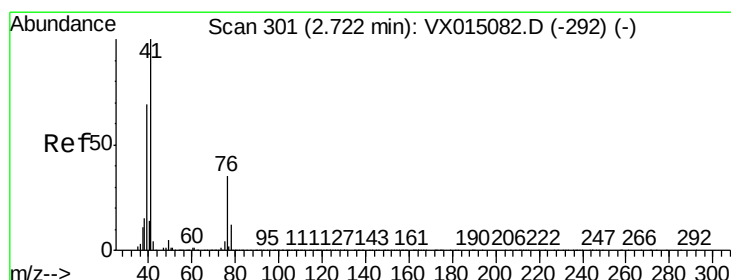
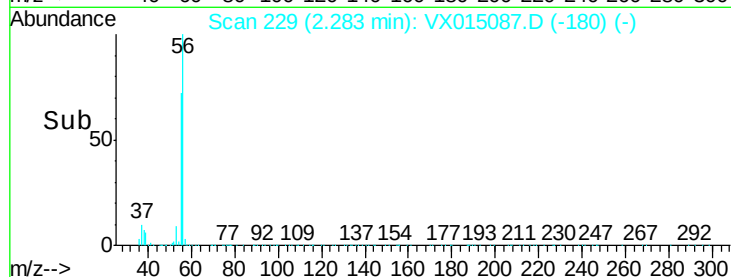
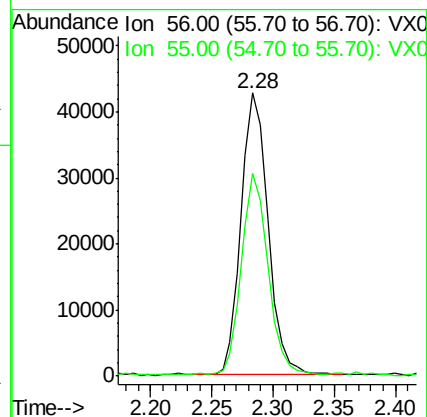
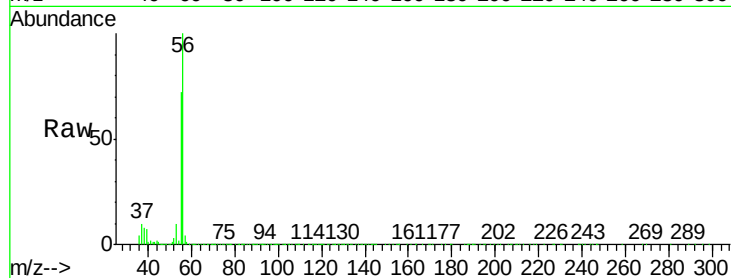
VX0304WBS01

Tgt Ion: 56 Resp: 65266

Ion Ratio Lower Upper

56 100

55 69.8 55.4 83.0



#14

Allyl chloride

Concen: 18.509 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

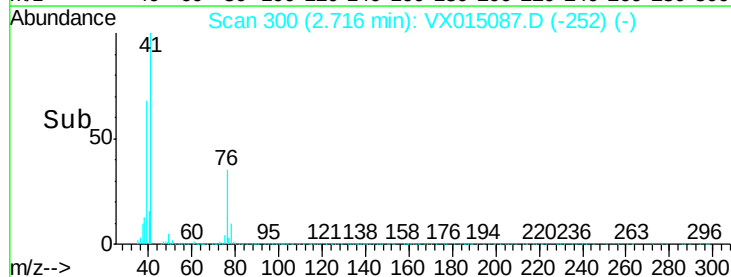
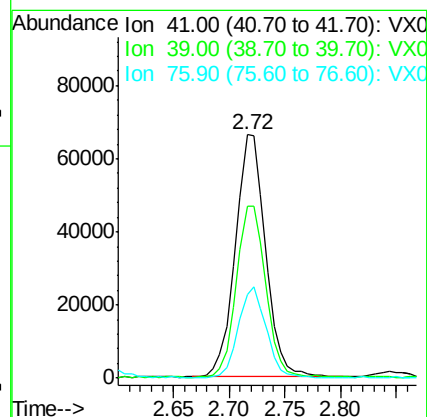
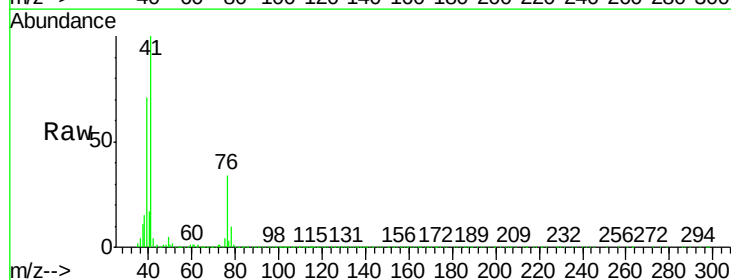
Tgt Ion: 41 Resp: 125140

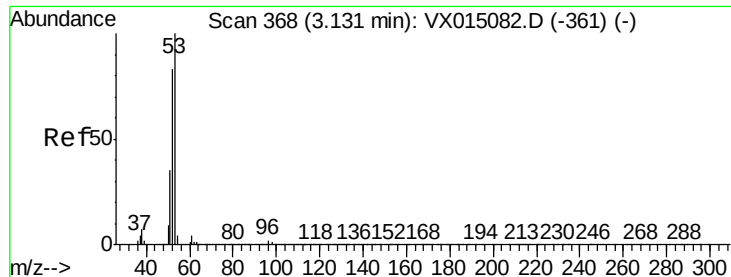
Ion Ratio Lower Upper

41 100

39 69.9 52.9 79.3

76 34.0 26.8 40.2

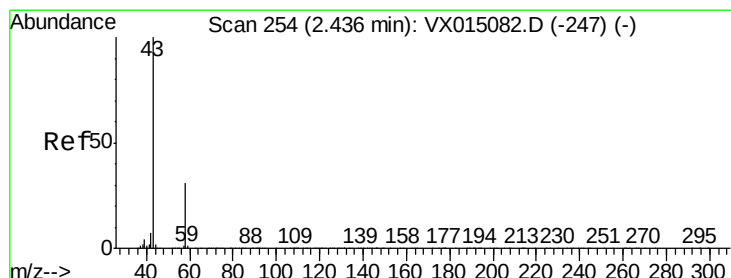
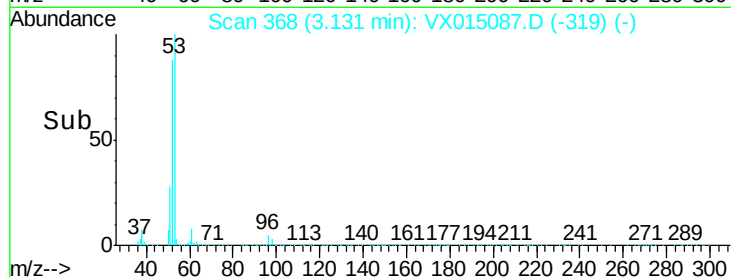
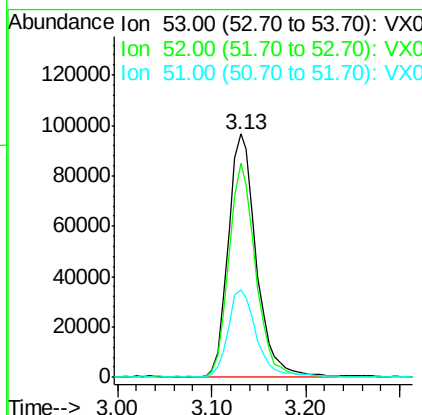
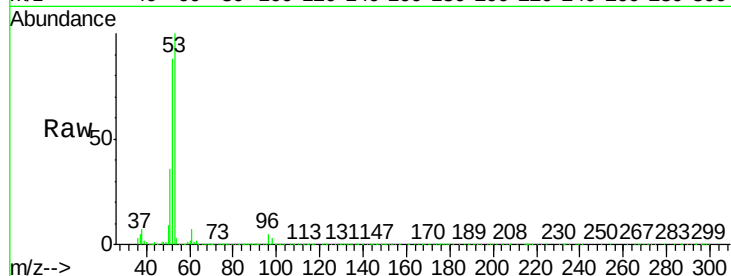




#15
 Acrylonitrile
 Concen: 97.208 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

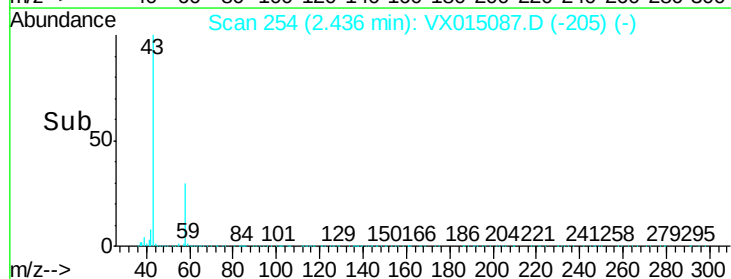
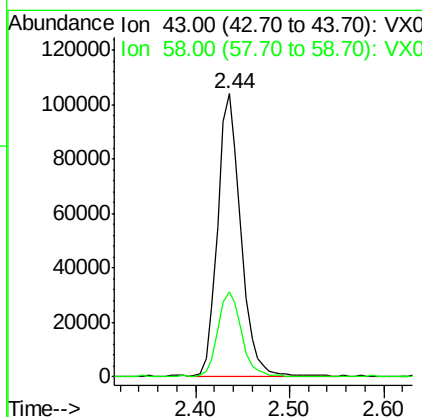
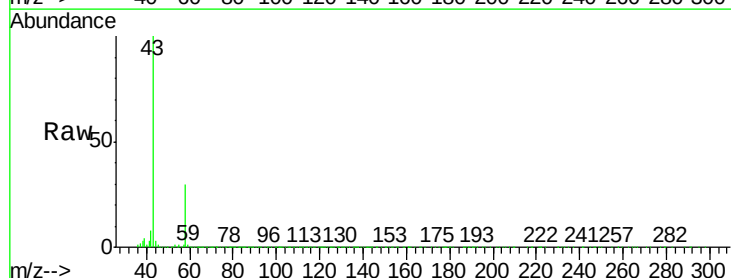
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

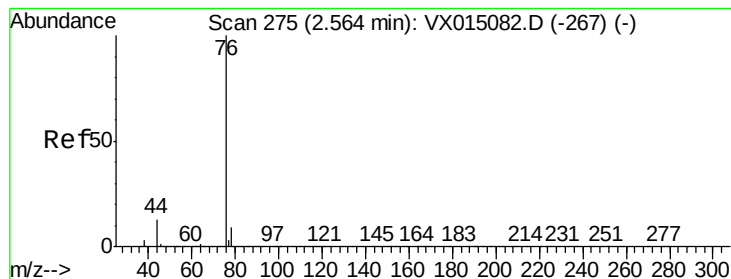
Tgt Ion: 53 Resp: 198827
 Ion Ratio Lower Upper
 53 100
 52 84.9 66.6 100.0
 51 36.3 29.0 43.6



#16
 Acetone
 Concen: 91.440 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 43 Resp: 175297
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.8 37.2





#17

Carbon Disulfide

Concen: 18.580 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

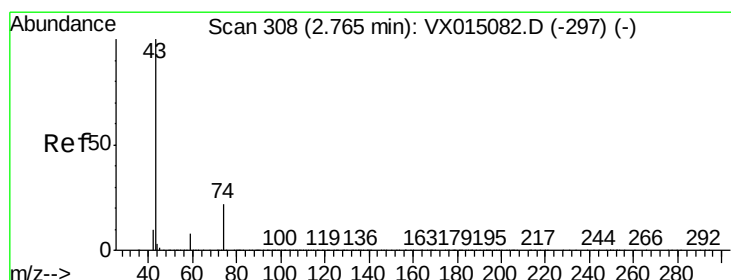
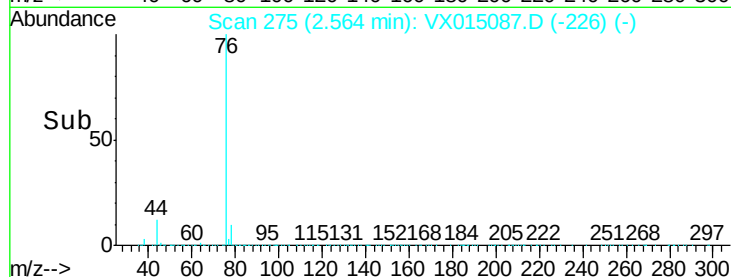
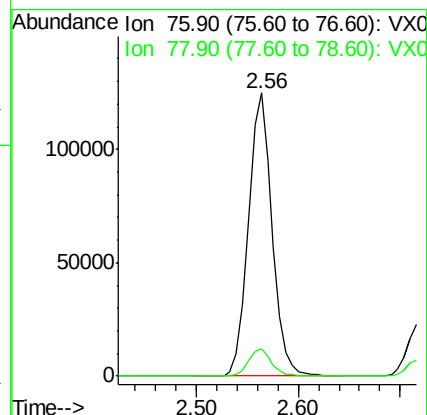
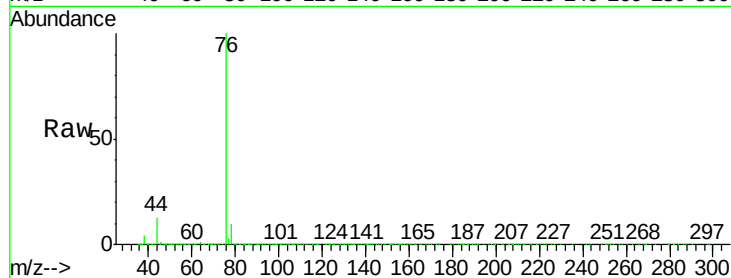
VX0304WBS01

Tgt Ion: 76 Resp: 200076

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 18.560 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015087.D

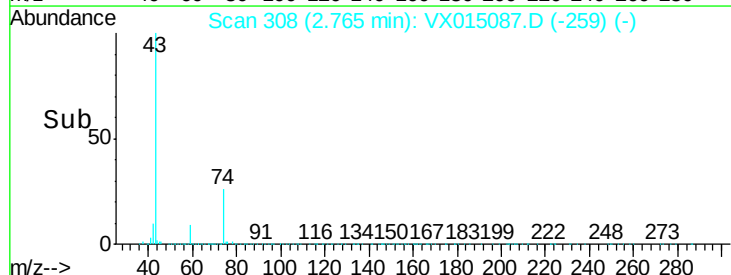
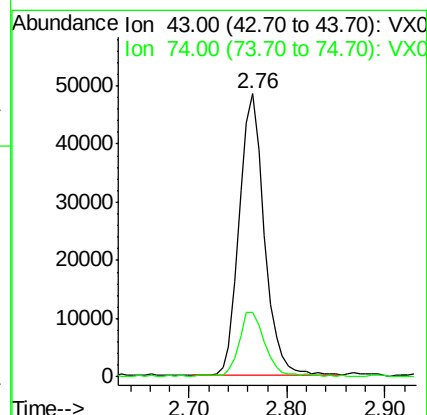
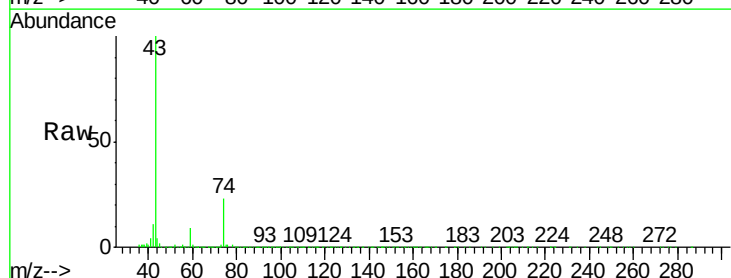
Acq: 04 Mar 2020 15:01

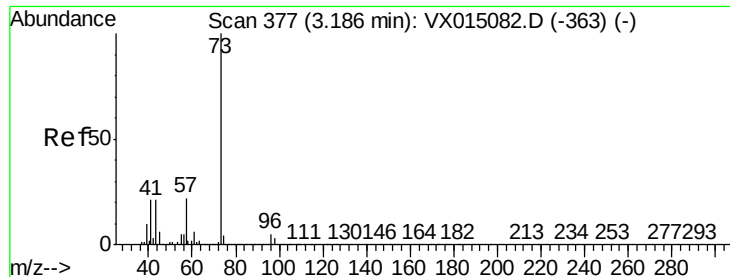
Tgt Ion: 43 Resp: 87000

Ion Ratio Lower Upper

43 100

74 24.7 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 19.724 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

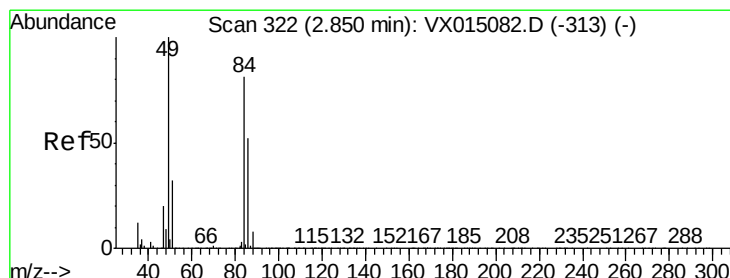
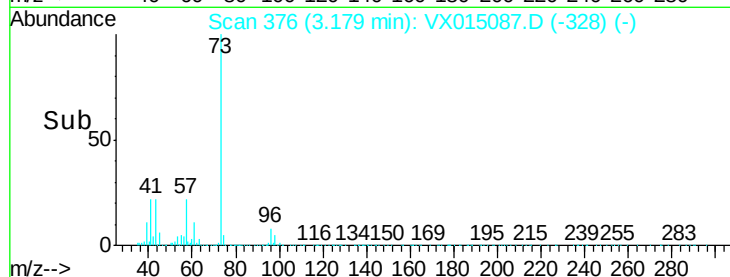
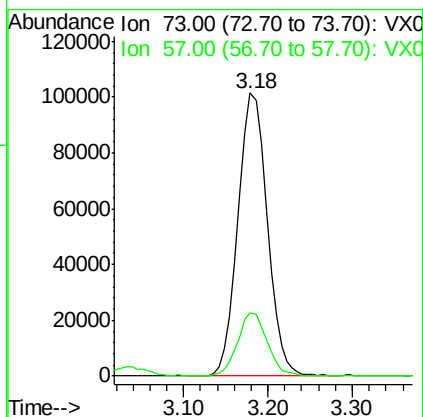
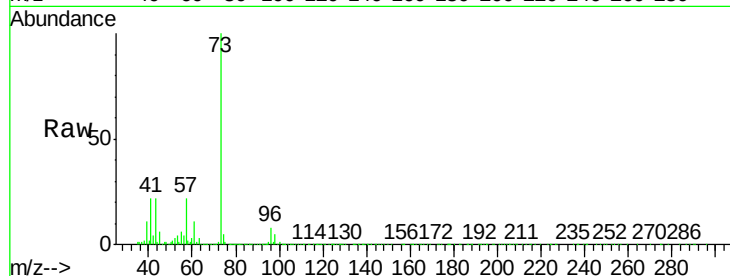
VX0304WBS01

Tgt Ion: 73 Resp: 238992

Ion Ratio Lower Upper

73 100

57 22.2 17.8 26.6



#20

Methylene Chloride

Concen: 18.159 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion: 84 Resp: 81470

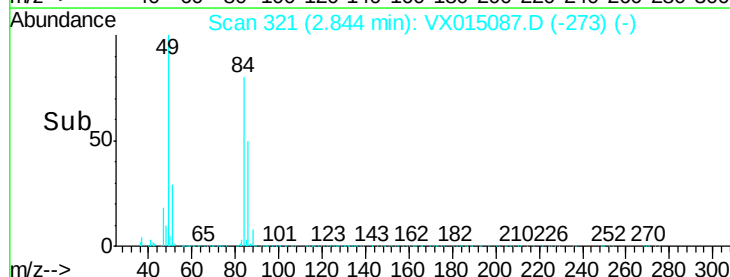
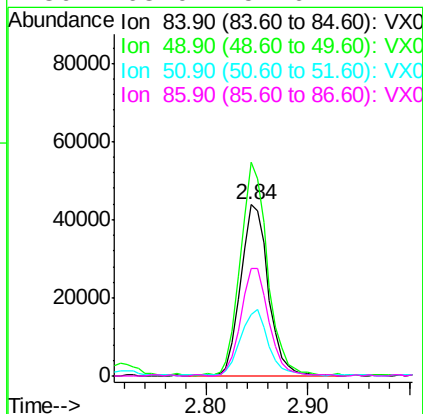
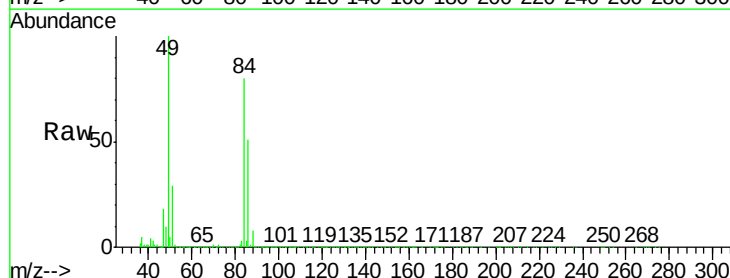
Ion Ratio Lower Upper

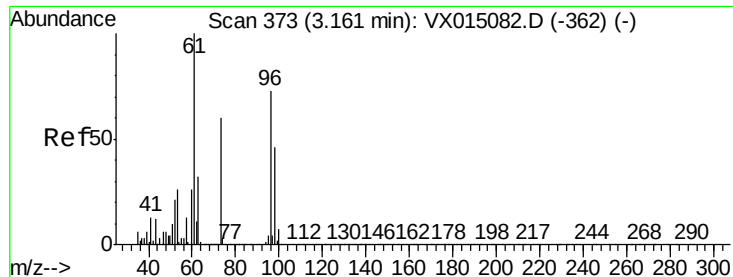
84 100

49 124.4 99.4 149.2

51 35.1 31.5 47.3

86 63.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.170 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

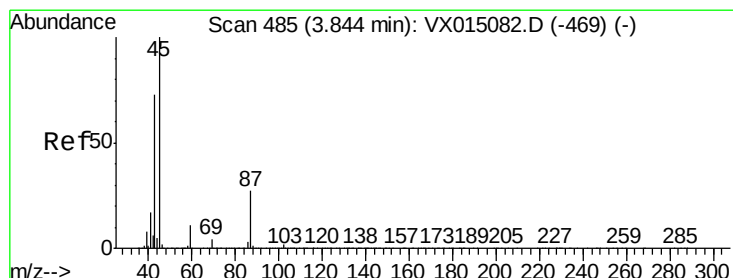
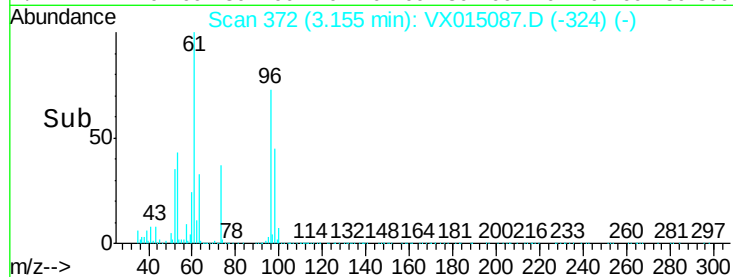
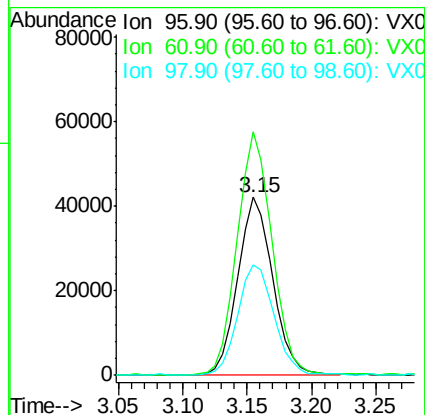
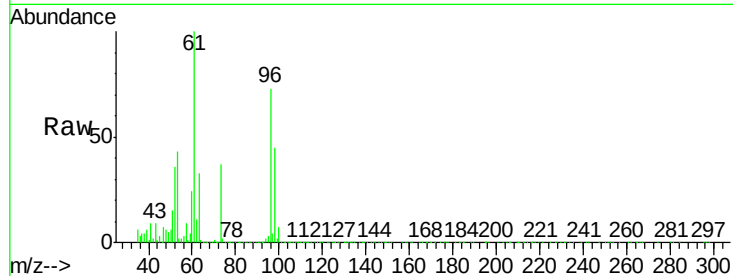
Tgt Ion: 96 Resp: 79370

Ion Ratio Lower Upper

96 100

61 136.8 109.9 164.9

98 62.2 50.2 75.2



#22

Diisopropyl ether

Concen: 19.348 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion: 45 Resp: 260618

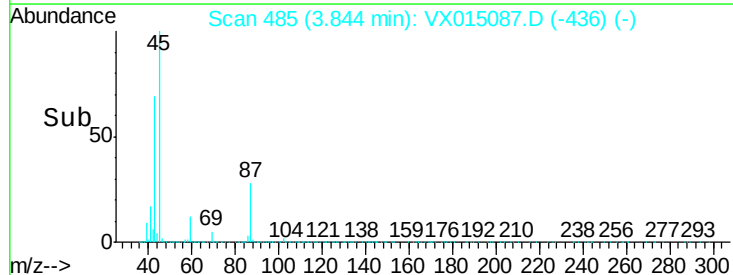
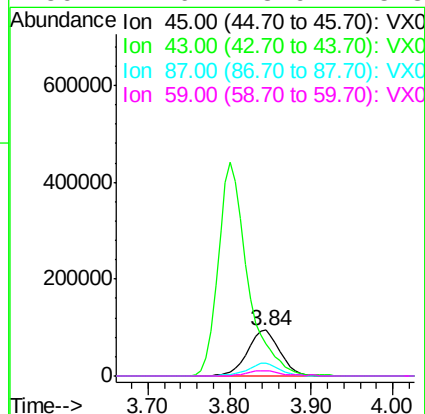
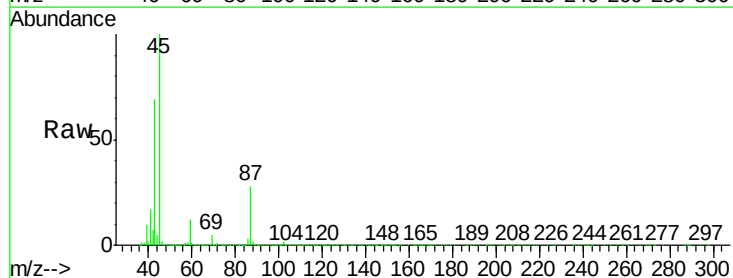
Ion Ratio Lower Upper

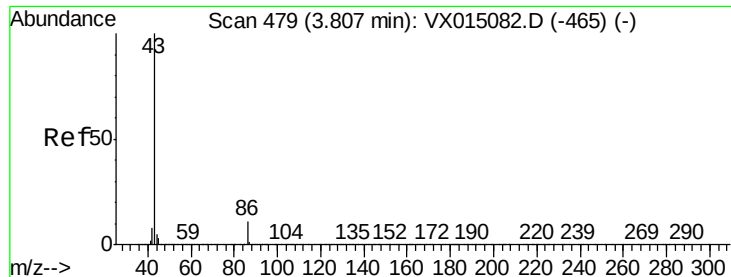
45 100

43 68.3 58.2 87.2

87 27.7 21.2 31.8

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 100.053 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

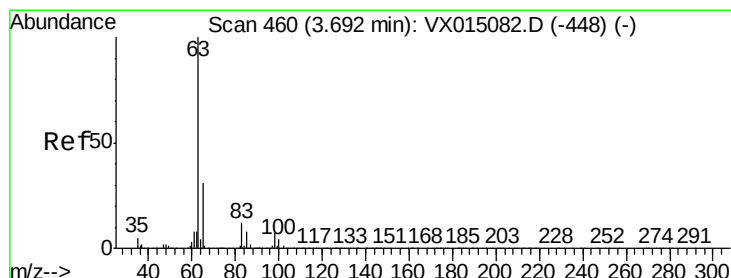
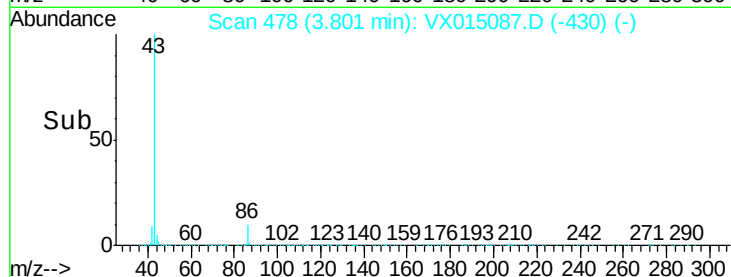
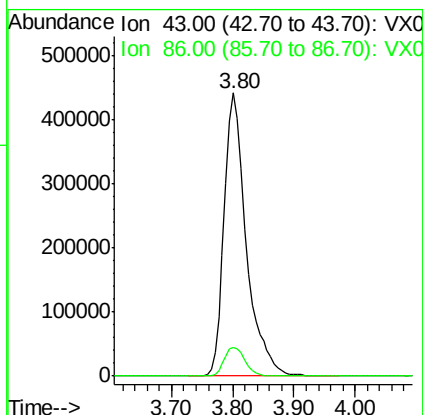
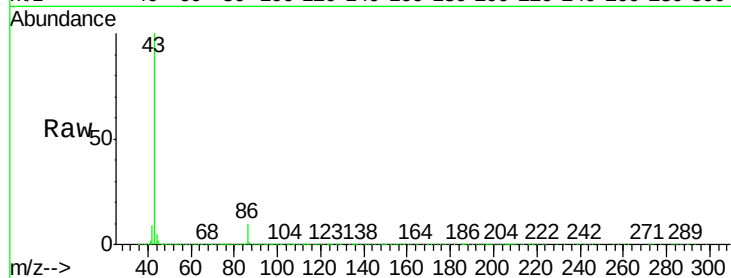
VX0304WBS01

Tgt Ion: 43 Resp: 1107846

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.897 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

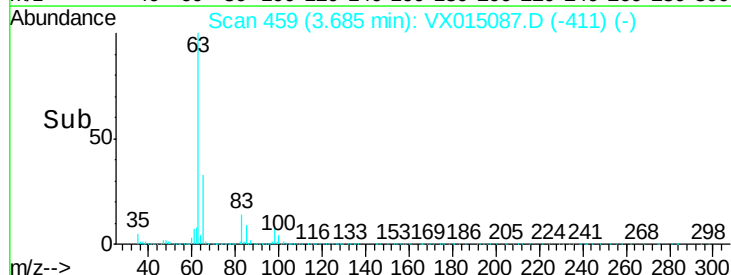
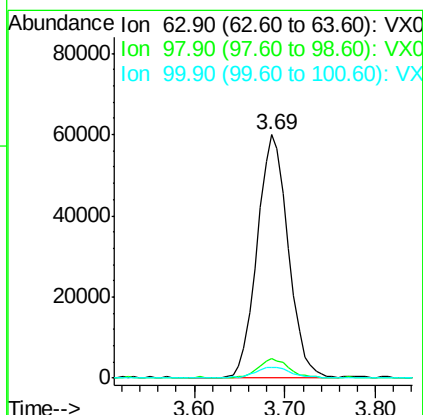
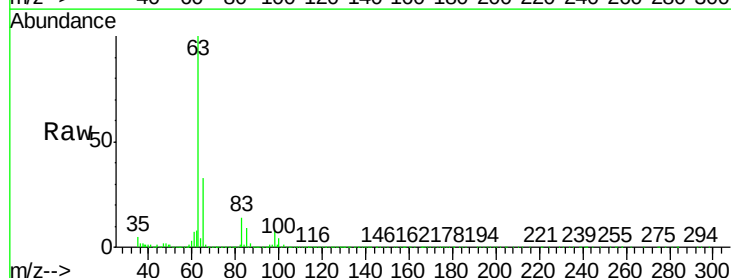
Tgt Ion: 63 Resp: 141277

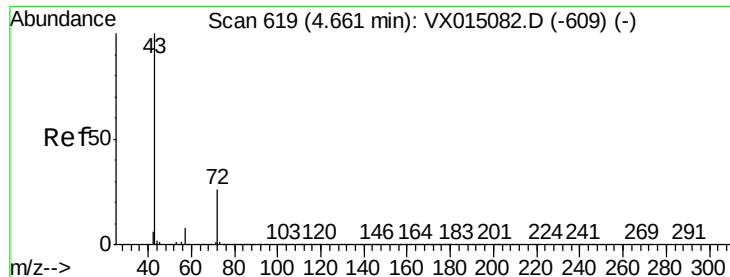
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.0 2.1 6.5

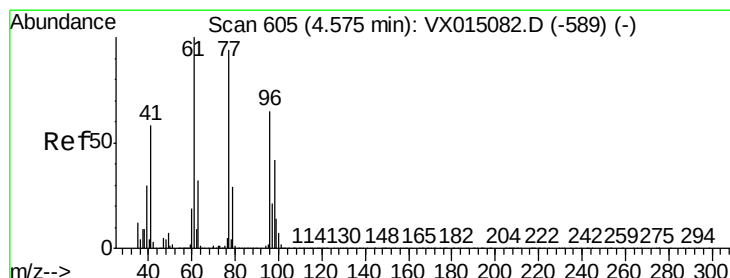
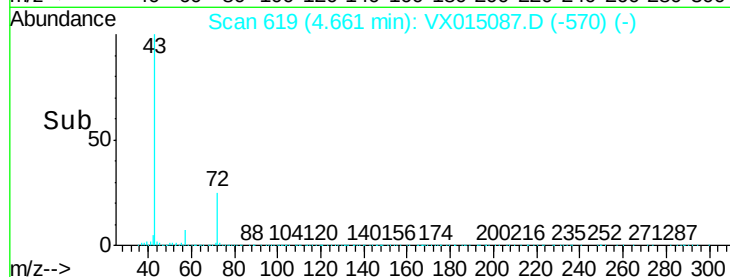
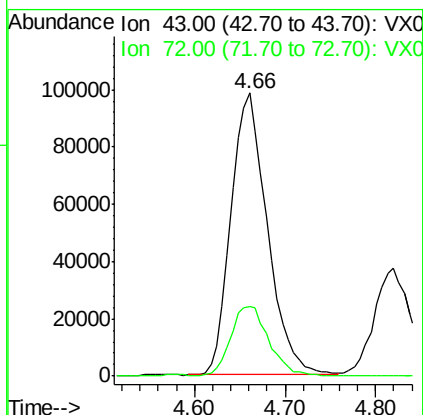
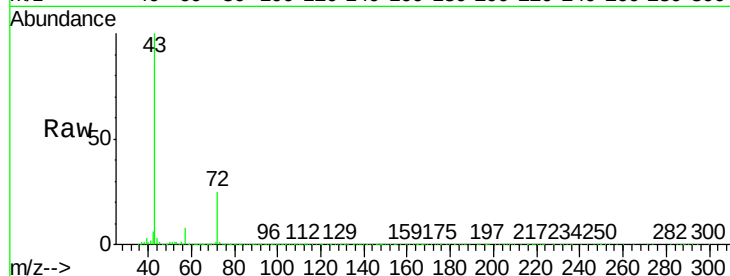




#25
2-Butanone
Concen: 97.675 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

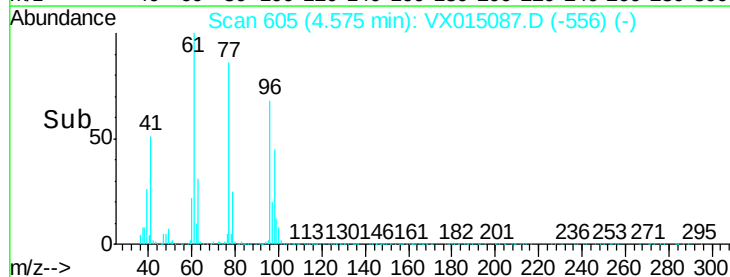
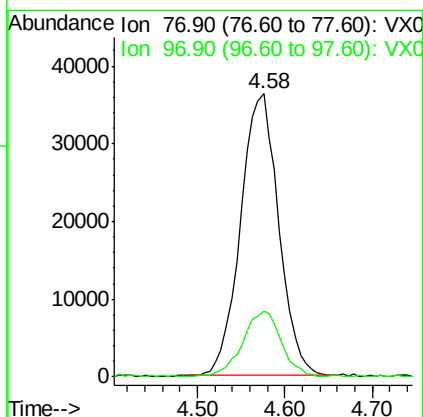
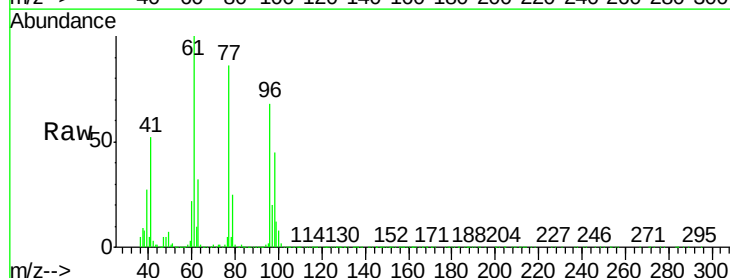
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

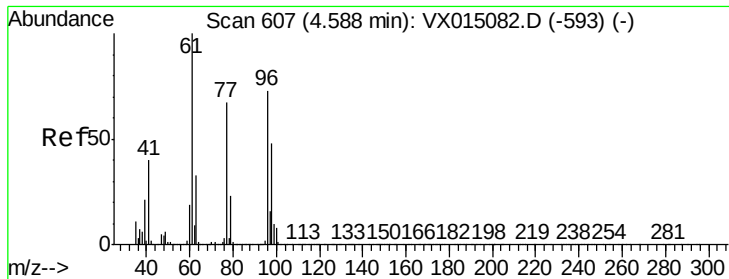
Tgt Ion: 43 Resp: 274133
Ion Ratio Lower Upper
43 100
72 24.4 20.6 30.8



#26
2,2-Dichloropropane
Concen: 18.504 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 77 Resp: 109819
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.4



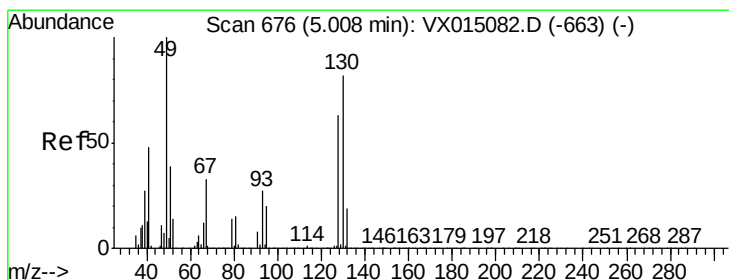
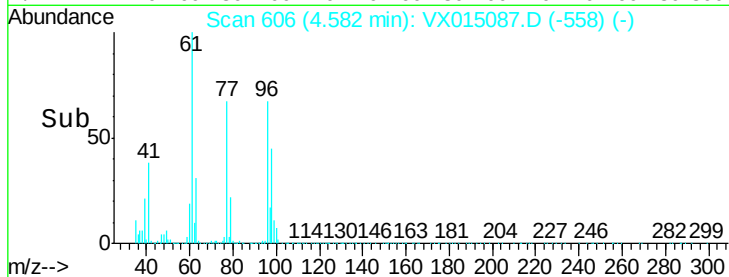
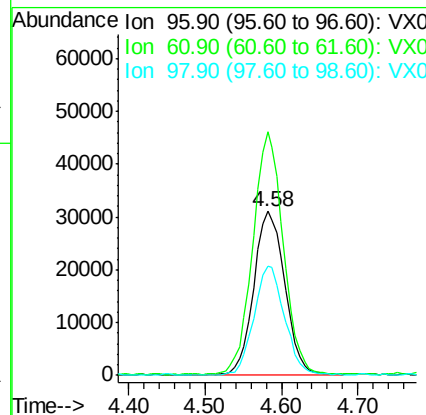
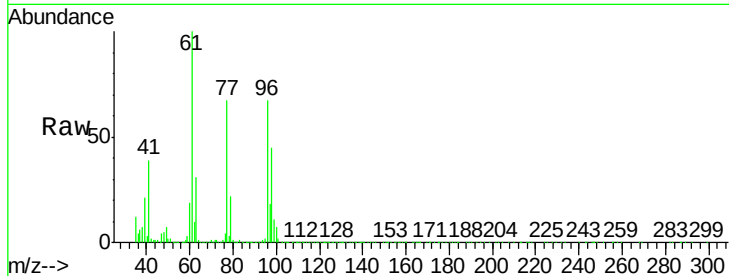


#27

cis-1,2-Dichloroethene
 Concen: 18.830 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

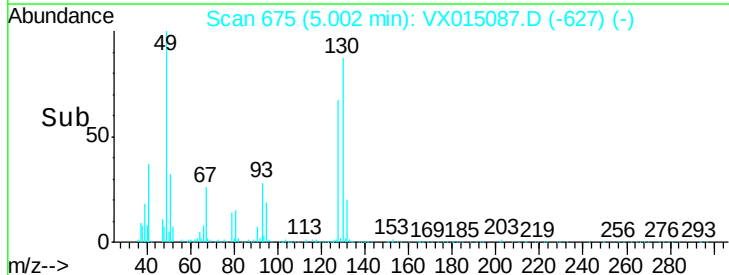
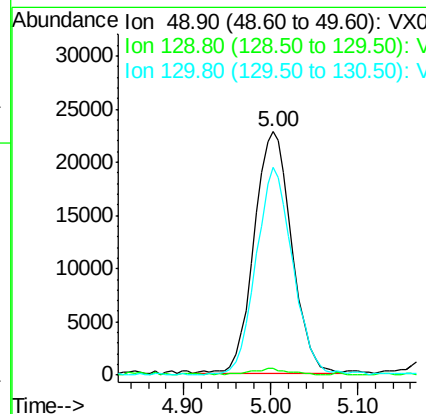
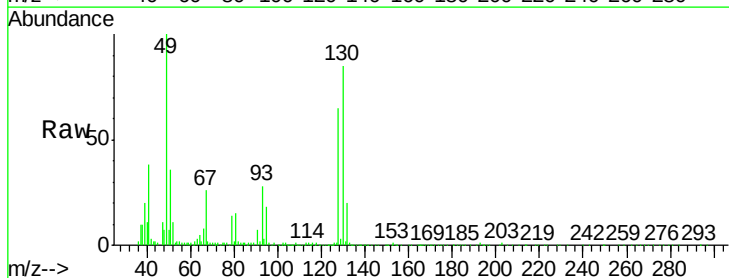
Tgt Ion: 96 Resp: 87463
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 286.8
 98 66.3 0.0 128.4

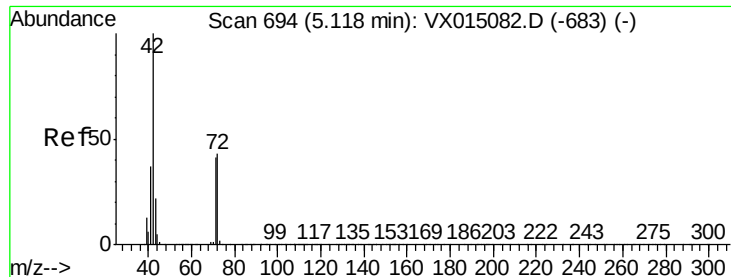


#28

Bromochloromethane
 Concen: 20.014 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 49 Resp: 68132
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.4
 130 83.6 65.0 97.6





#29

Tetrahydrofuran

Concen: 98.224 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

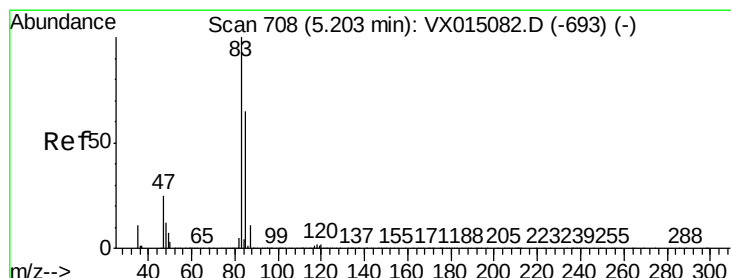
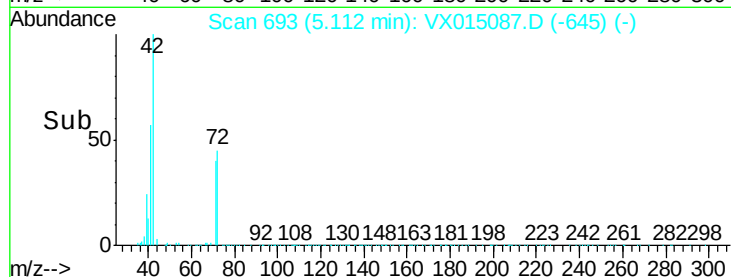
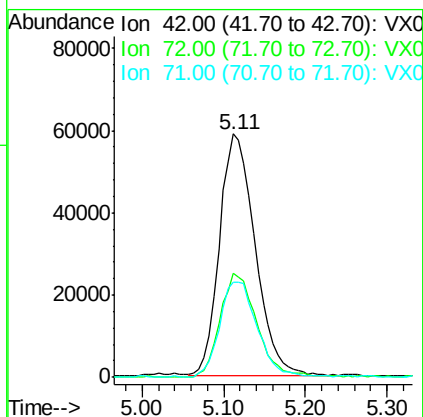
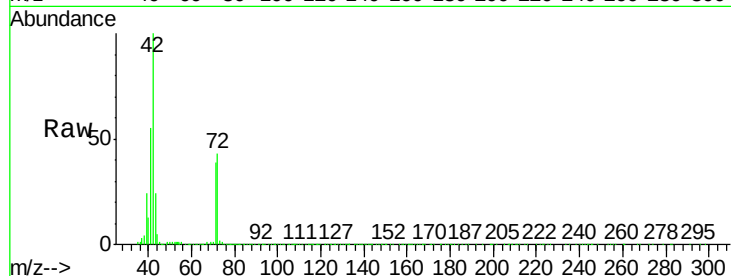
Tgt Ion: 42 Resp: 177704

Ion Ratio Lower Upper

42 100

72 43.8 36.4 54.6

71 41.0 33.3 49.9



#30

Chloroform

Concen: 19.320 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015087.D

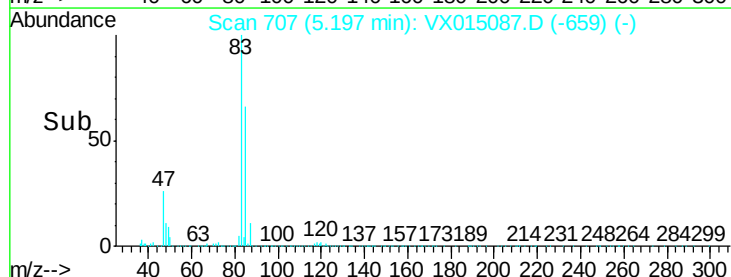
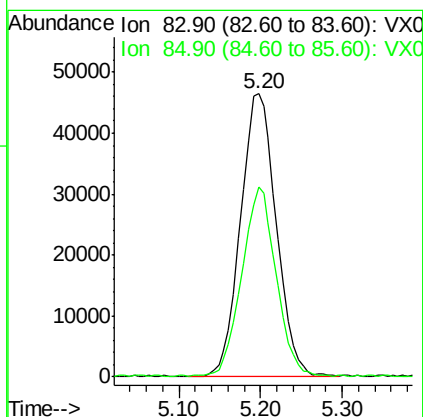
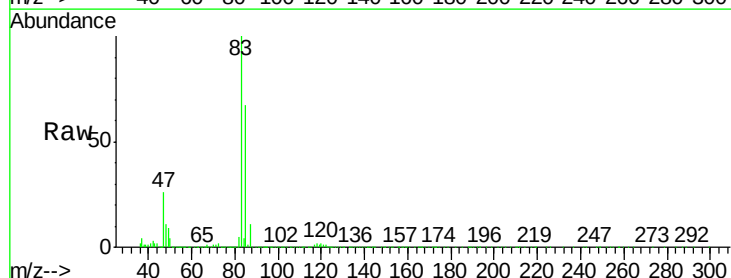
Acq: 04 Mar 2020 15:01

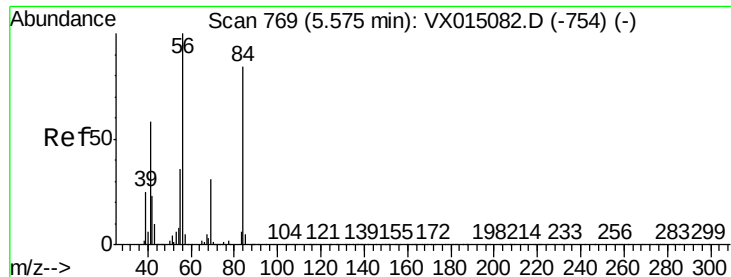
Tgt Ion: 83 Resp: 140775

Ion Ratio Lower Upper

83 100

85 67.1 52.0 78.0

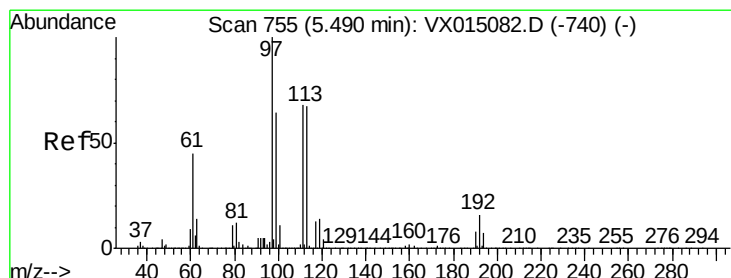
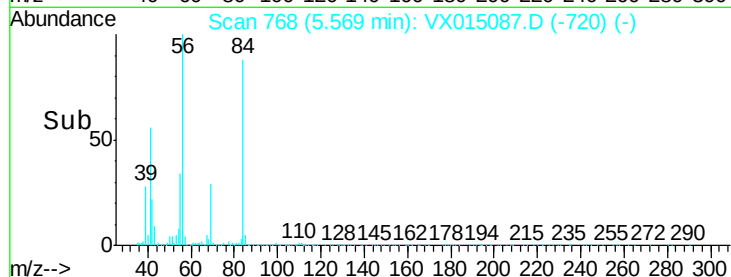
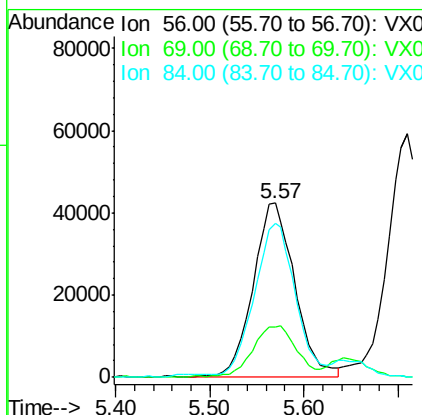
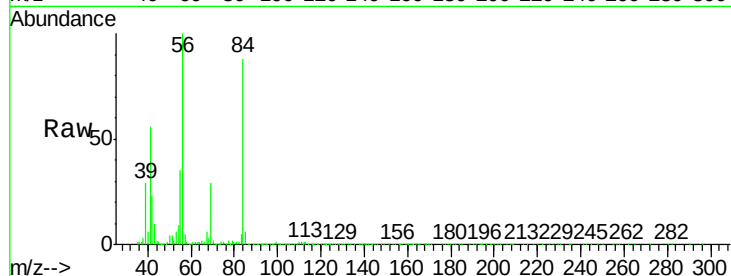




#31
Cyclohexane
Concen: 19.414 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

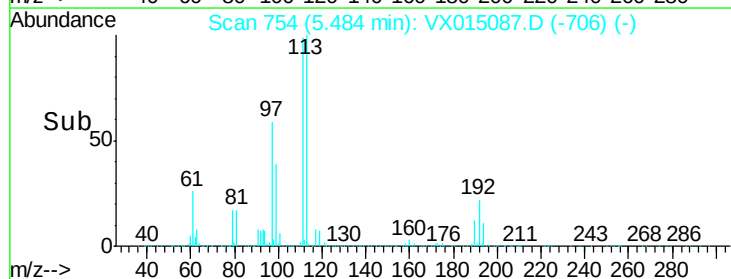
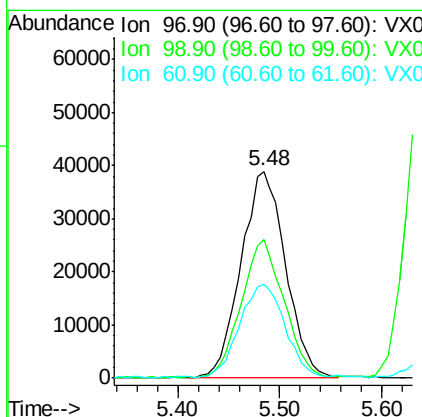
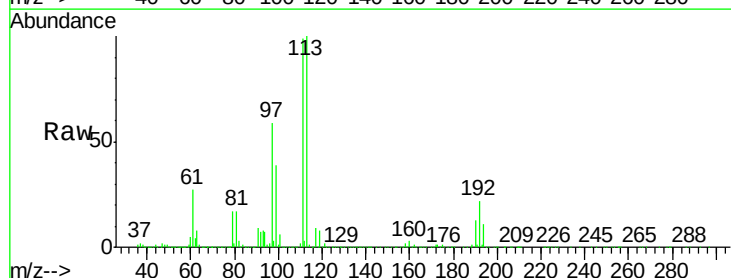
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

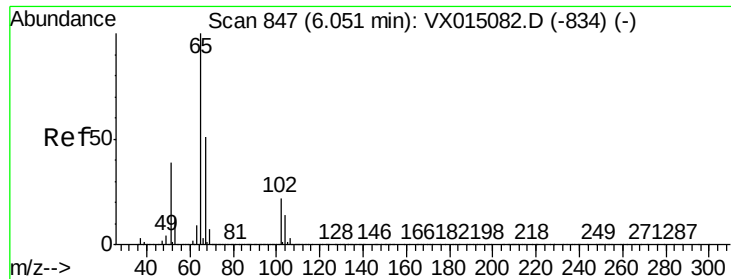
Tgt Ion: 56 Resp: 129462
Ion Ratio Lower Upper
56 100
69 28.6 25.0 37.6
84 86.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.386 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 97 Resp: 117095
Ion Ratio Lower Upper
97 100
99 65.1 52.8 79.2
61 45.5 36.6 54.8

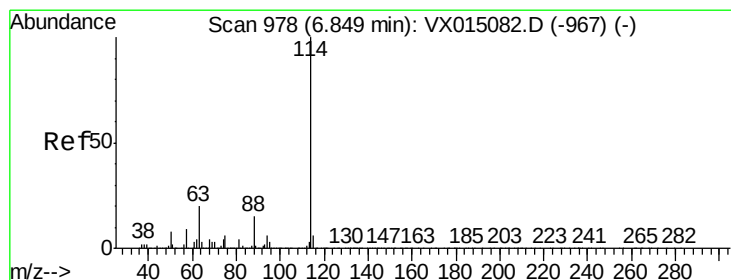
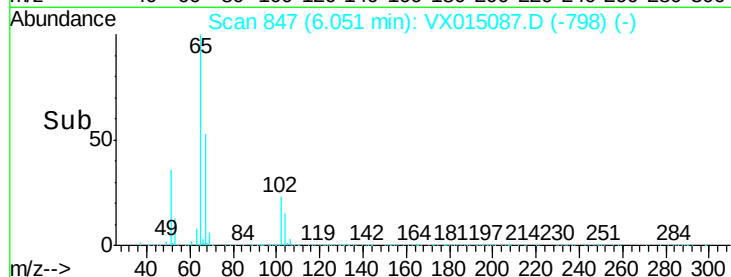
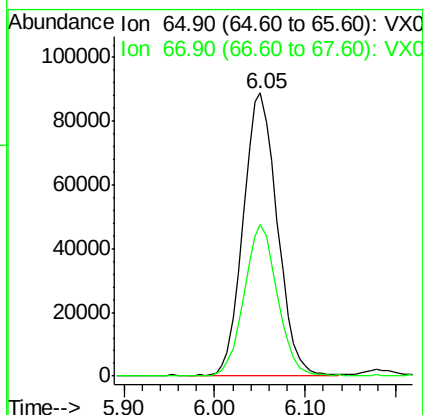
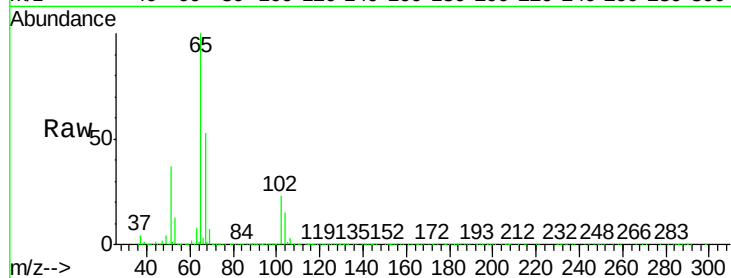




#33
 1,2-Dichloroethane-d4
 Concen: 48.787 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

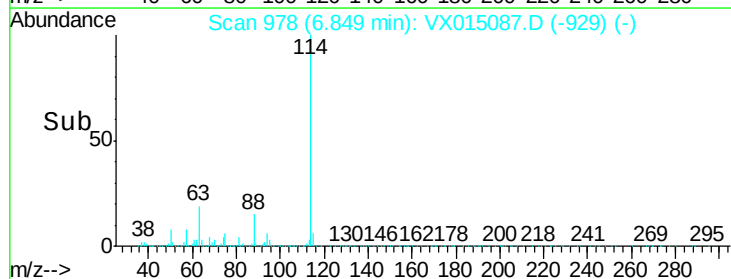
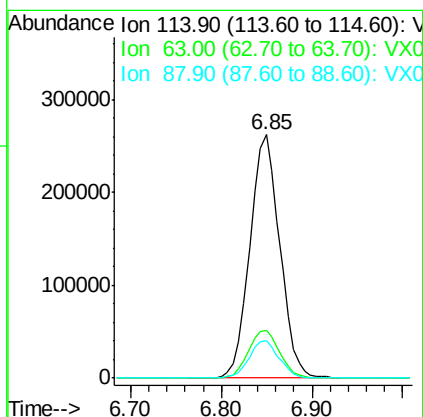
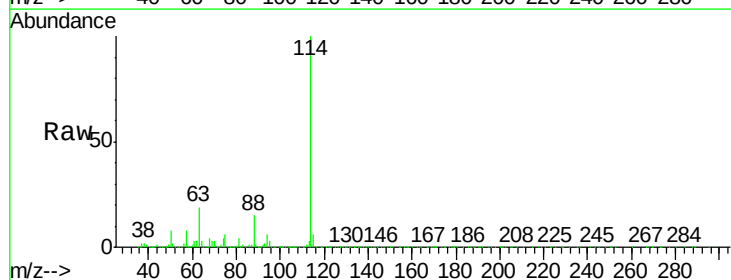
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

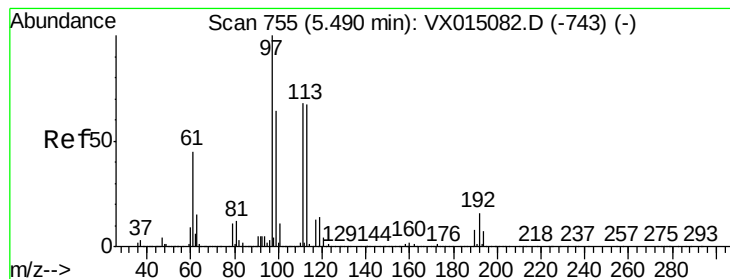
Tgt Ion: 65 Resp: 230946
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 114 Resp: 598204
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.024 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

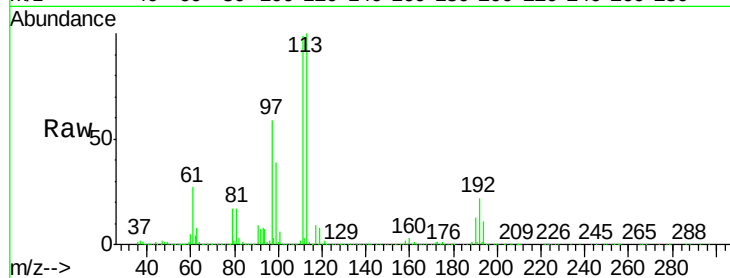
Tgt Ion:113 Resp: 188784

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

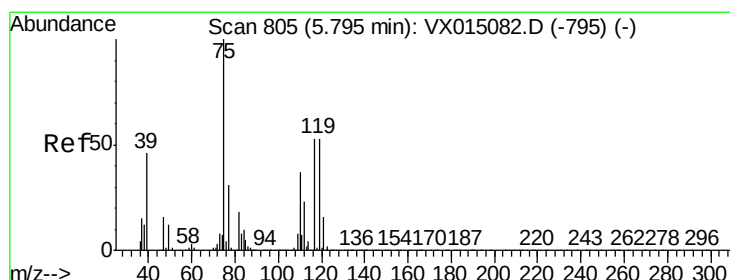
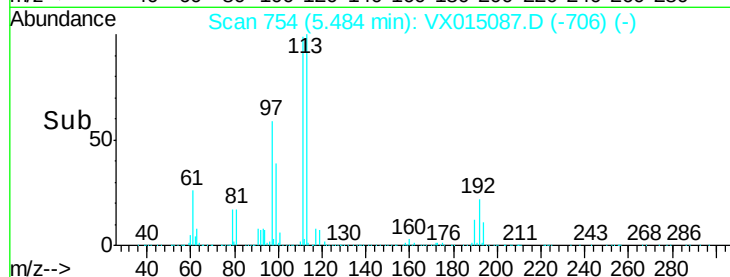
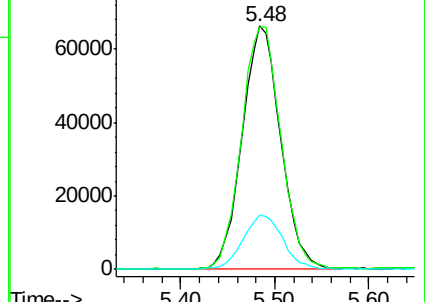
192 22.9 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.479 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

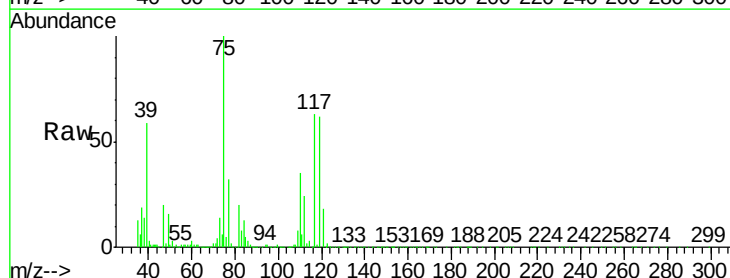
Tgt Ion: 75 Resp: 107719

Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.8

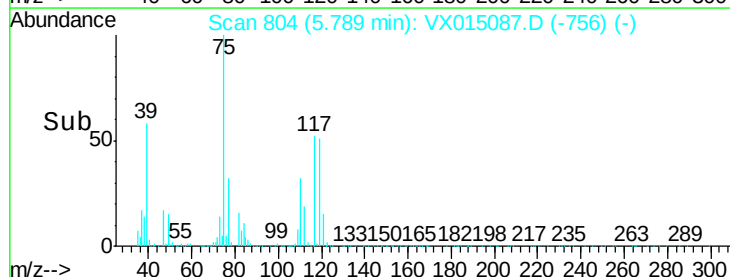
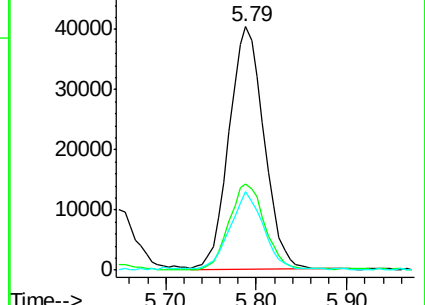
77 30.0 24.8 37.2

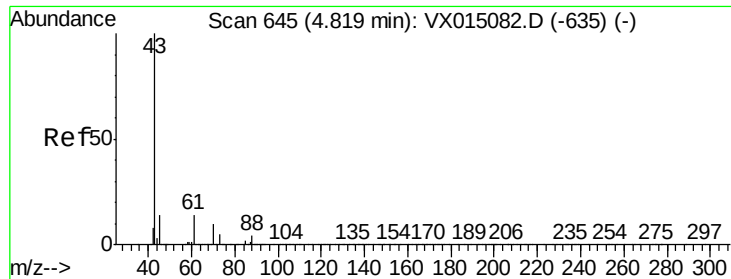


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

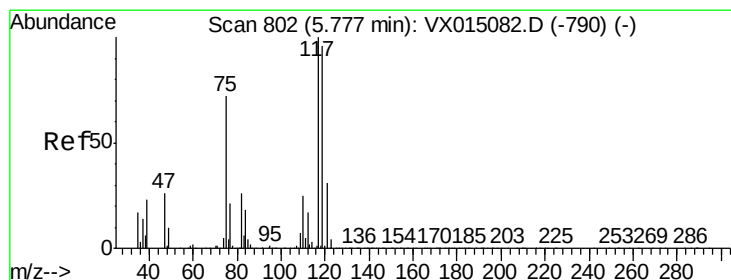
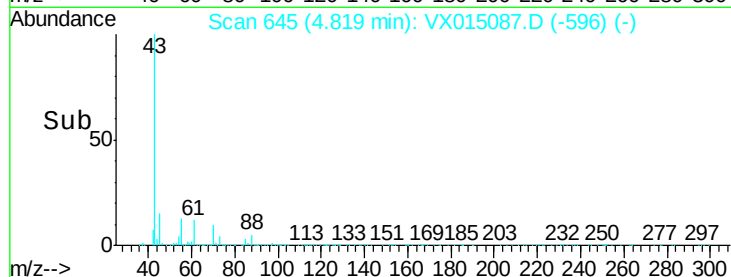
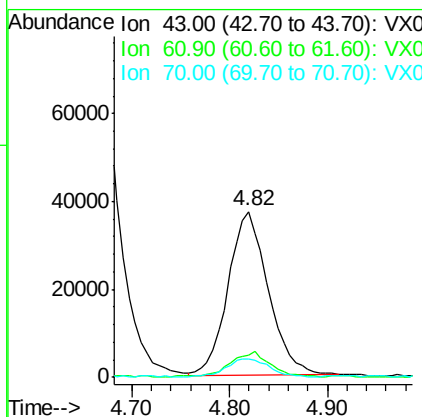
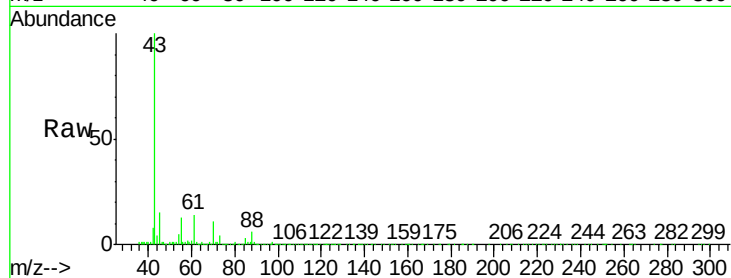




#37
Ethyl Acetate
Concen: 20.736 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

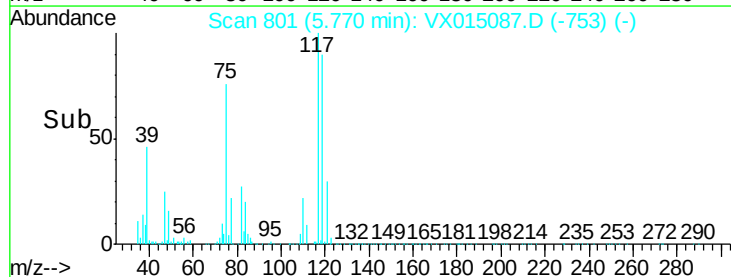
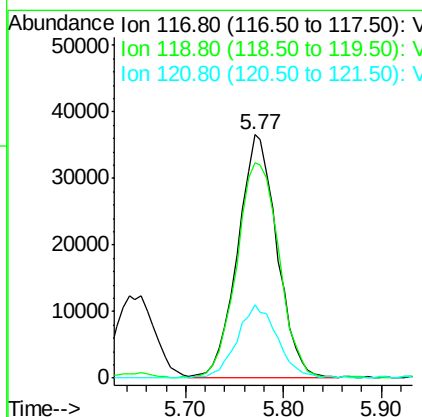
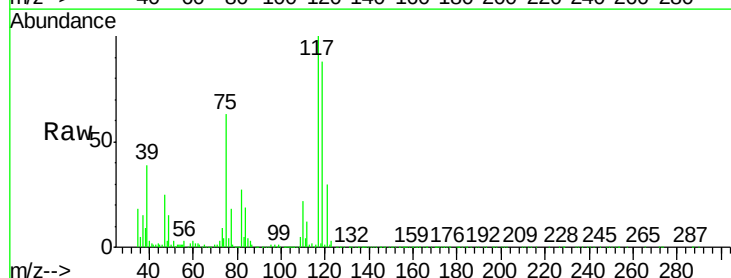
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

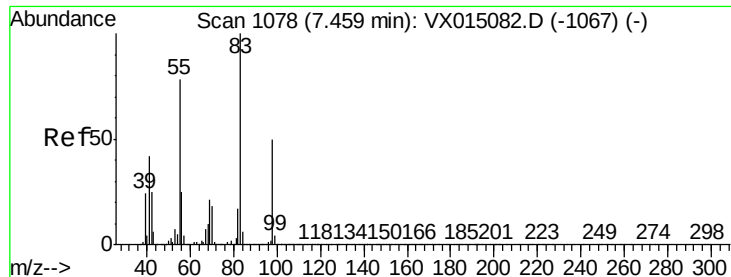
Tgt Ion:	43	Resp:	106371
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	11.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.396 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:	117	Resp:	101245
Ion	Ratio	Lower	Upper
117	100		
119	88.3	76.9	115.3
121	30.2	24.6	37.0

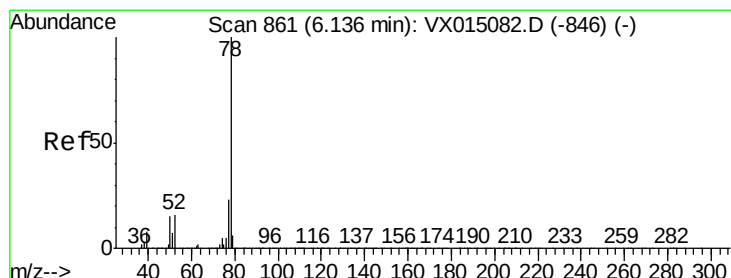
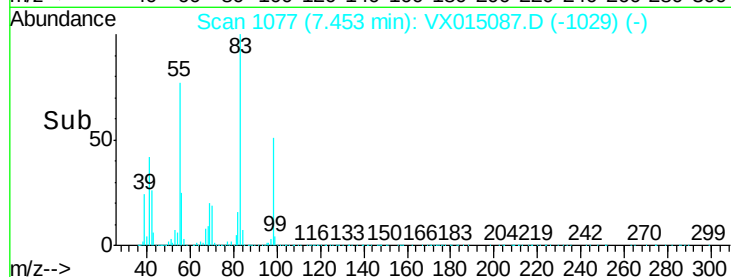
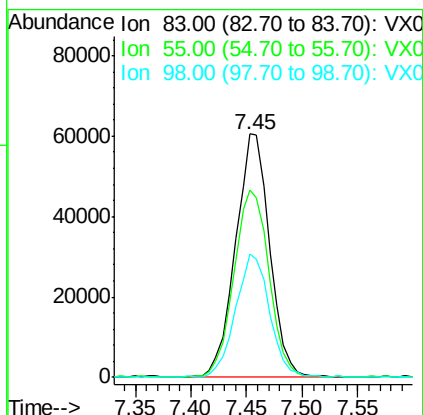
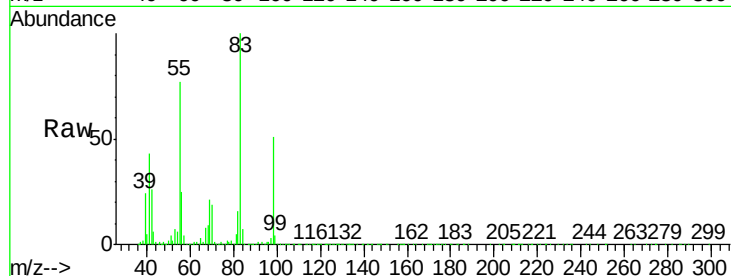




#39
Methylcyclohexane
Concen: 19.812 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

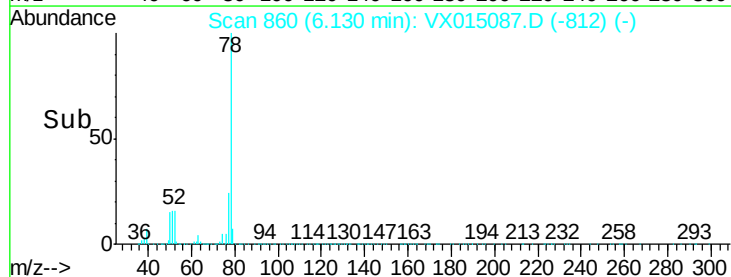
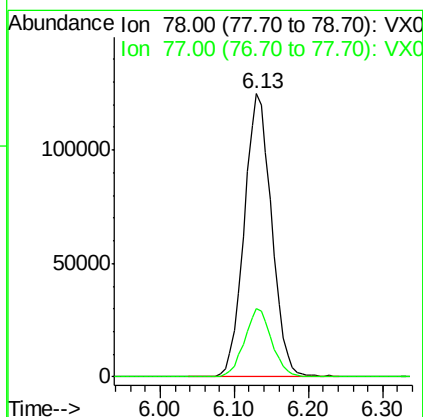
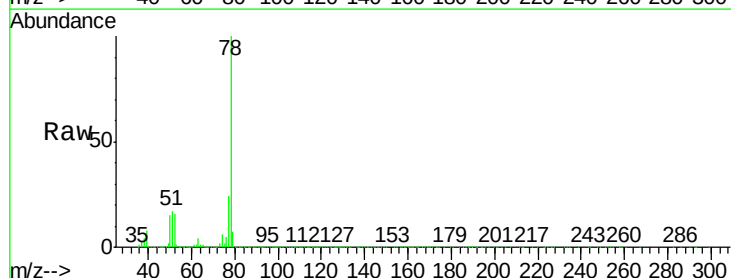
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

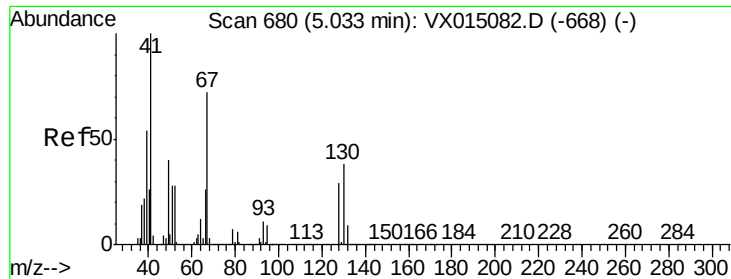
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	62.4	93.6
98	50.2	39.7	59.5



#40
Benzene
Concen: 19.610 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0

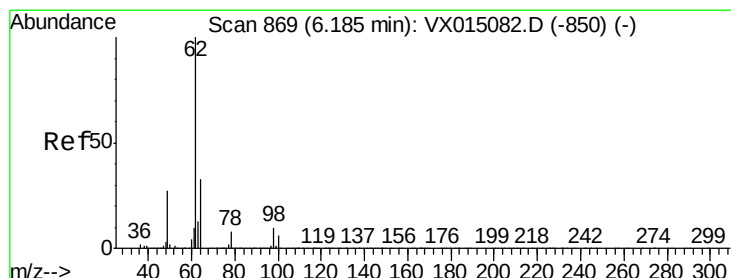
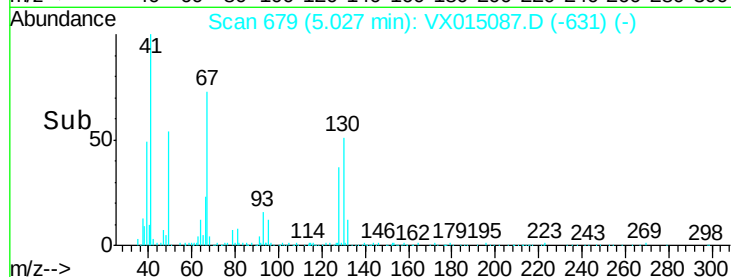
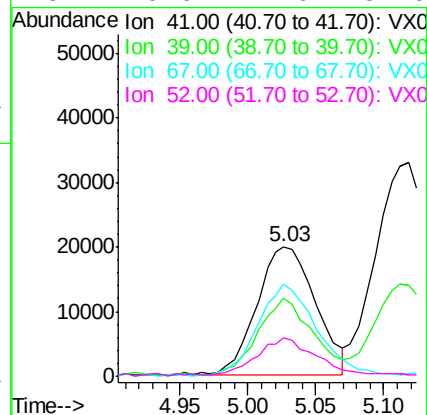
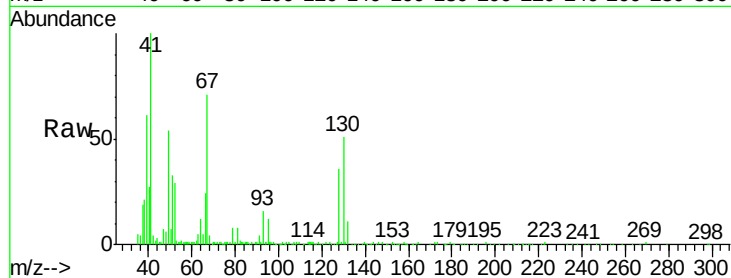




#41
Methacrylonitrile
Concen: 19.221 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

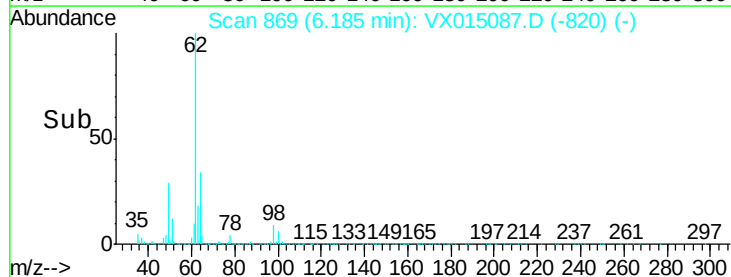
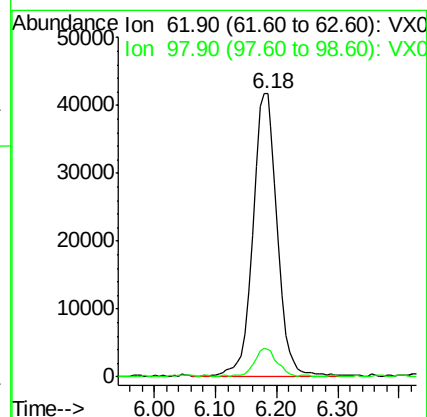
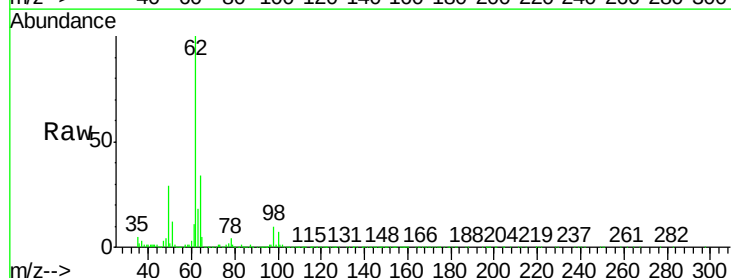
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

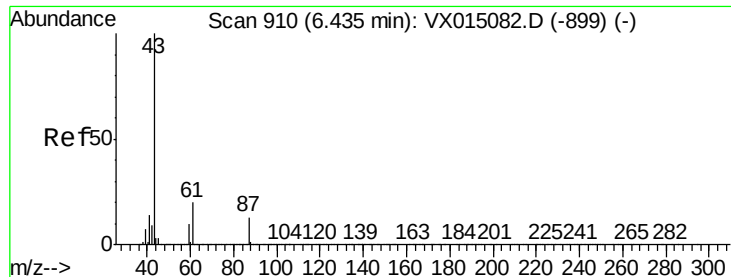
Tgt Ion:	41	Resp:	59225
Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.9	65.9
67	71.8	57.8	86.8
52	29.6	22.6	34.0



#42
1,2-Dichloroethane
Concen: 20.850 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:	62	Resp:	117476
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.011 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

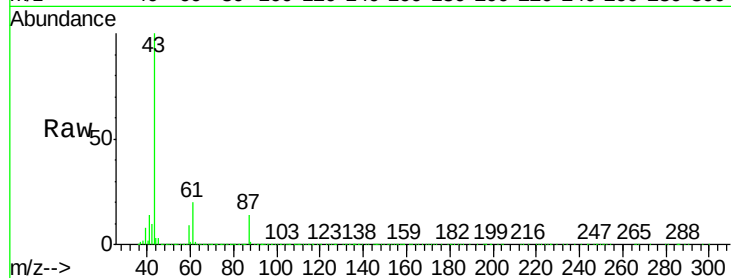
Tgt Ion: 43 Resp: 180587

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

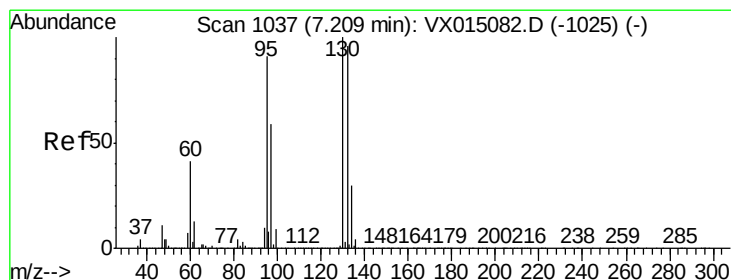
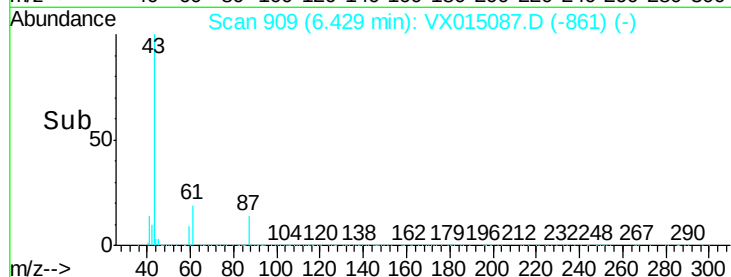
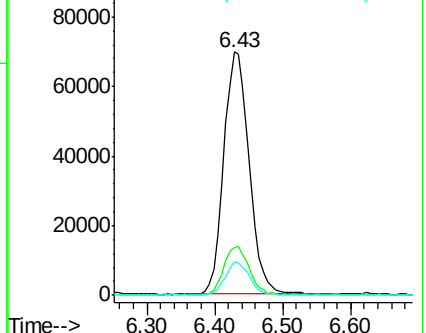
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.124 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015087.D

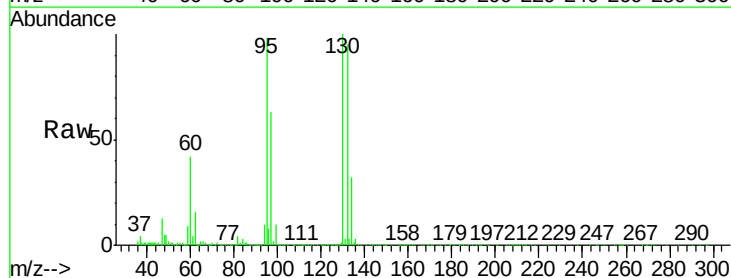
Acq: 04 Mar 2020 15:01

Tgt Ion: 130 Resp: 87382

Ion Ratio Lower Upper

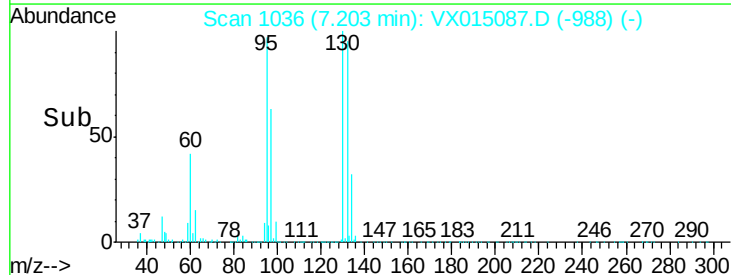
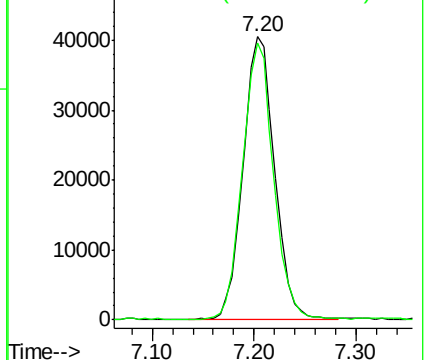
130 100

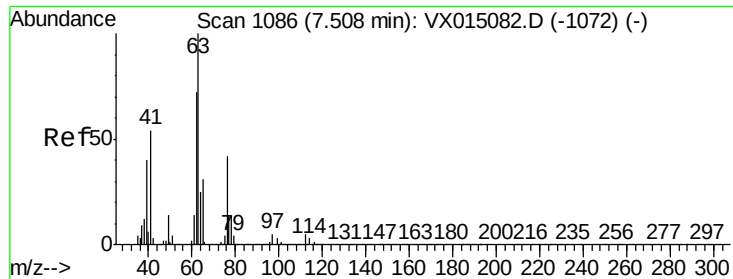
95 97.4 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

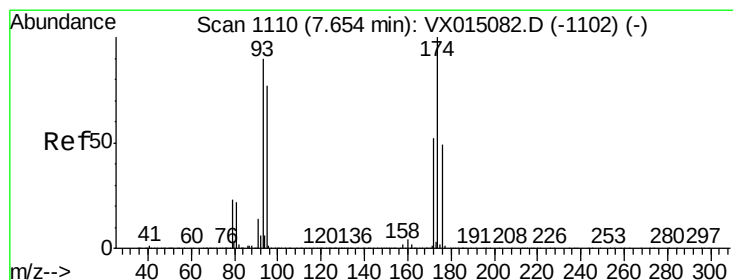
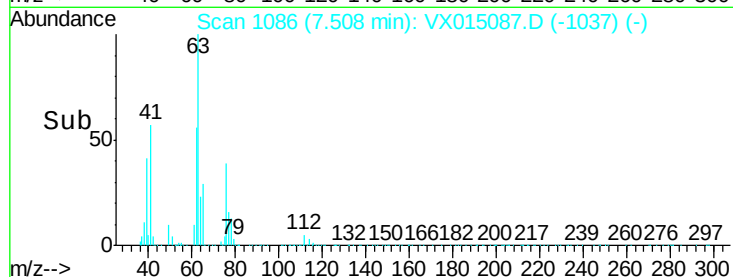
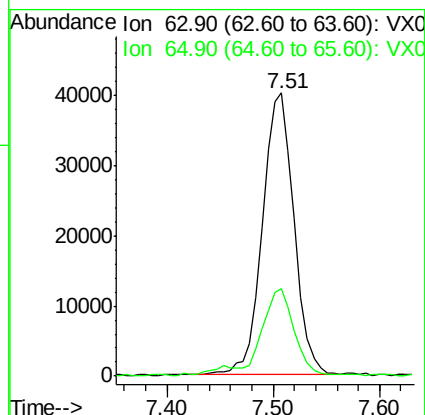
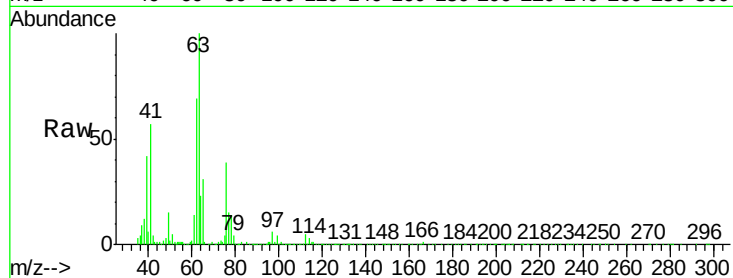




#45
 1,2-Dichloropropane
 Concen: 19.540 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

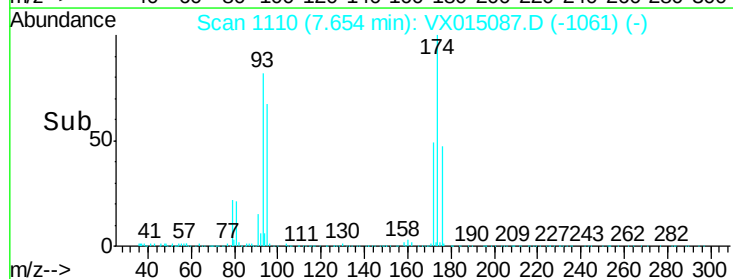
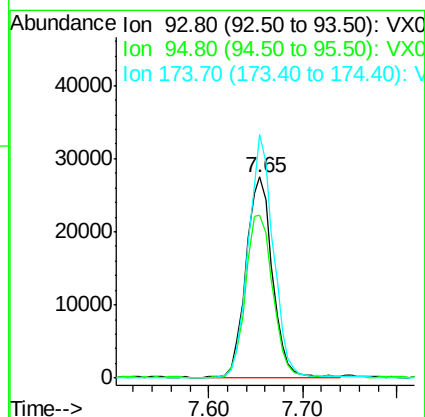
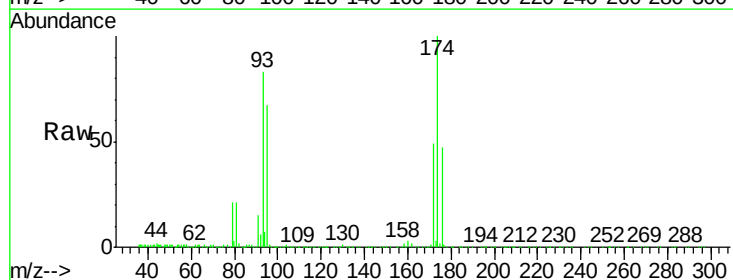
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

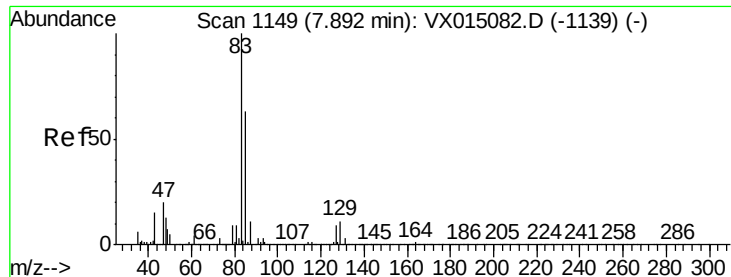
Tgt Ion: 63 Resp: 82985
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 19.442 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 93 Resp: 53800
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.8 101.8
 174 115.0 91.0 136.4





#47

Bromodichloromethane

Concen: 19.776 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

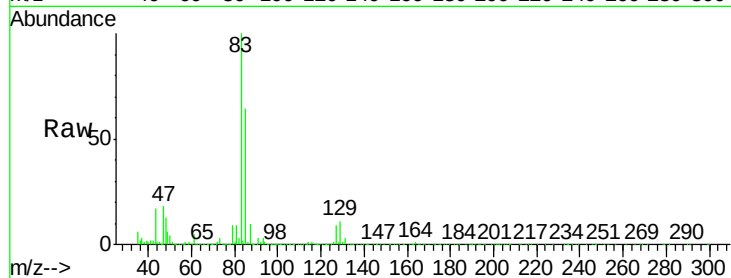
Tgt Ion: 83 Resp: 108219

Ion Ratio Lower Upper

83 100

85 64.2 50.6 75.8

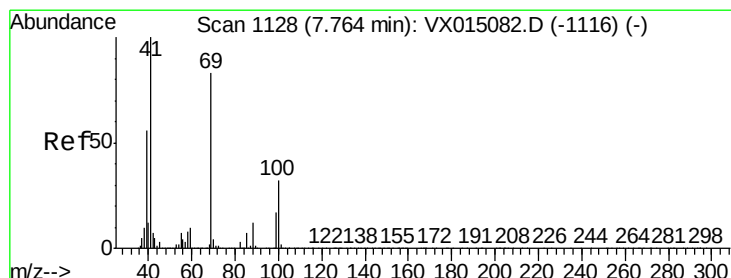
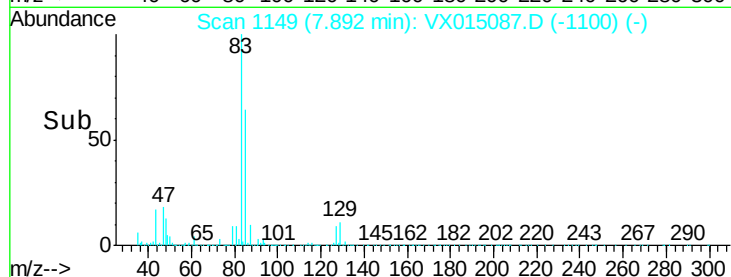
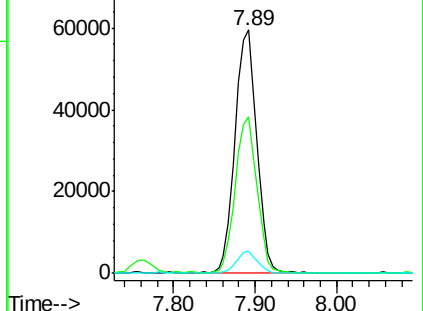
127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.259 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

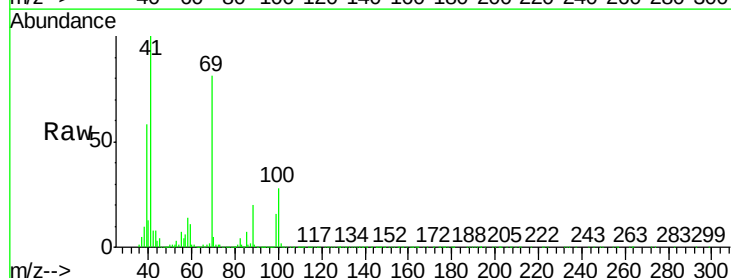
Tgt Ion: 41 Resp: 88459

Ion Ratio Lower Upper

41 100

69 80.8 65.4 98.2

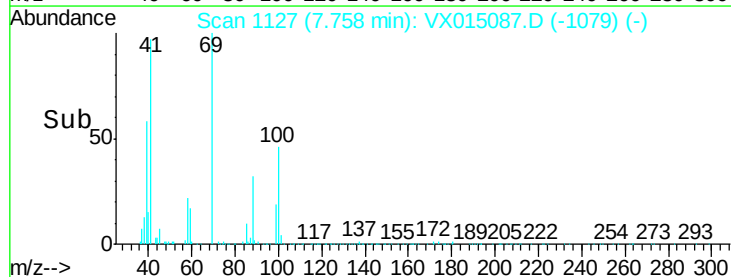
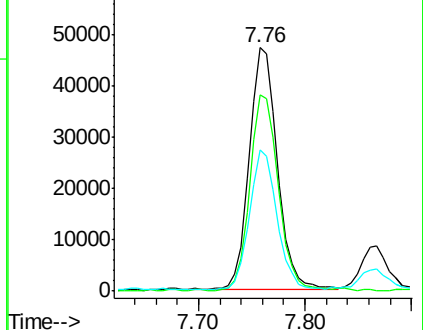
39 56.5 44.6 67.0

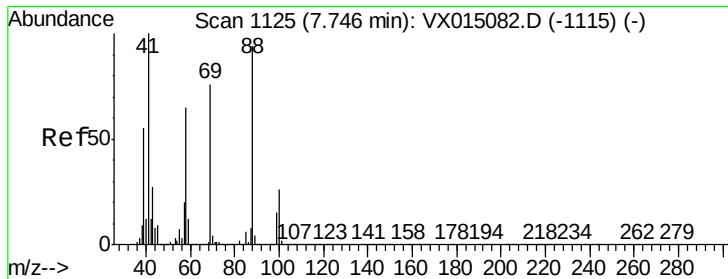


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 408.160 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

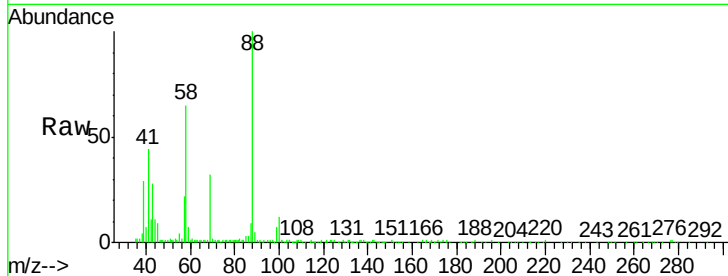
Tgt Ion: 88 Resp: 40533

Ion Ratio Lower Upper

88 100

43 32.5 27.0 40.4

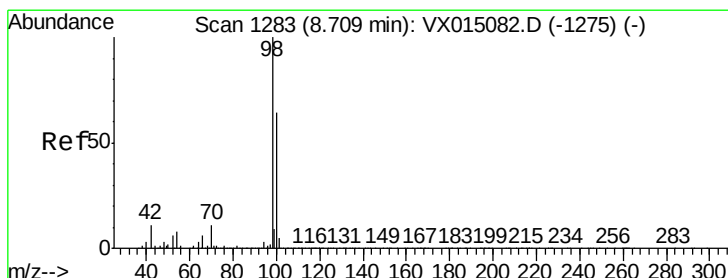
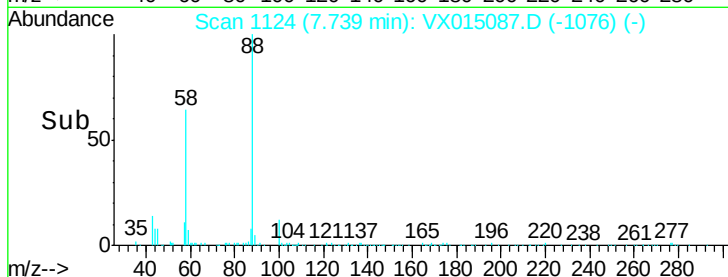
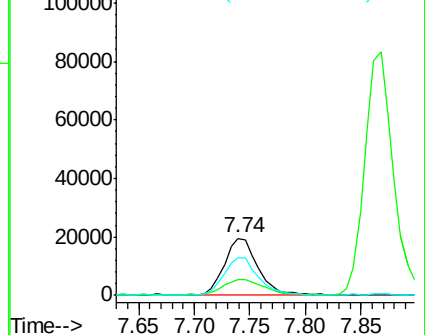
58 66.8 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.576 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015087.D

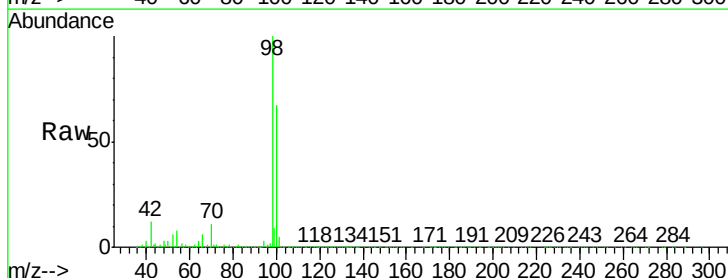
Acq: 04 Mar 2020 15:01

Tgt Ion: 98 Resp: 726030

Ion Ratio Lower Upper

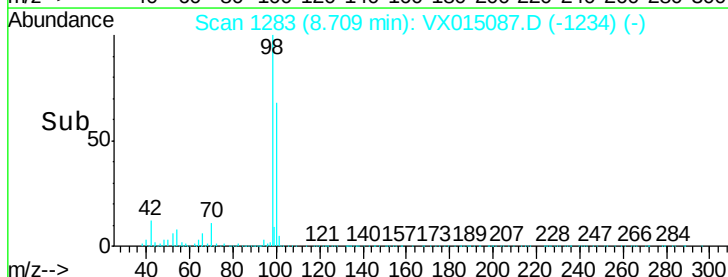
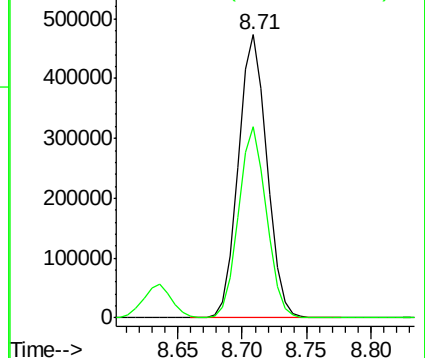
98 100

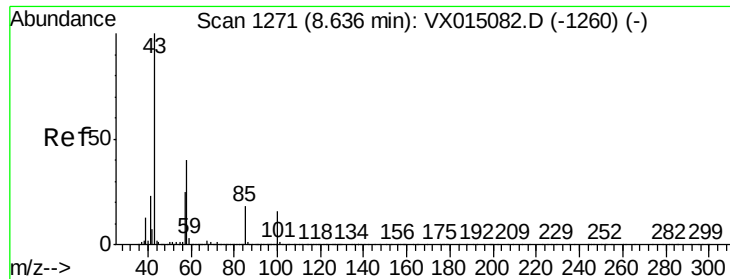
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

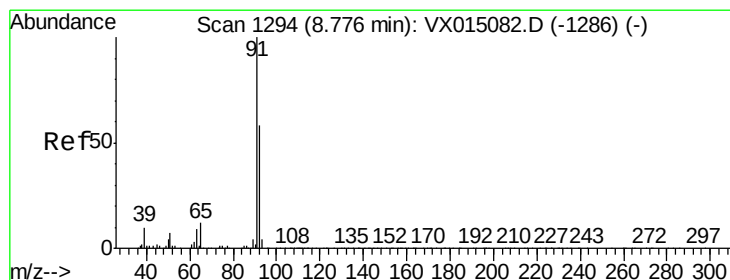
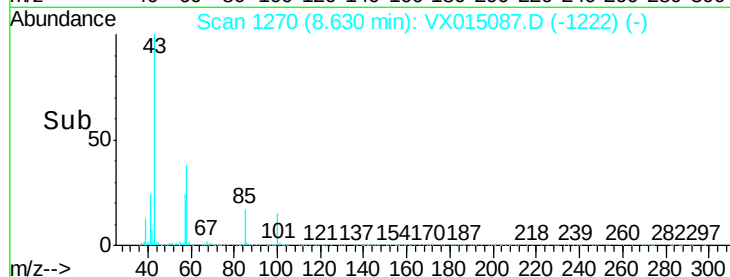
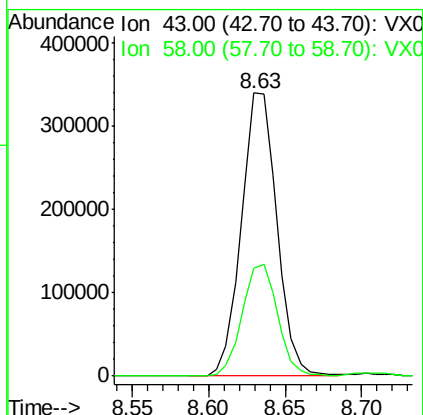
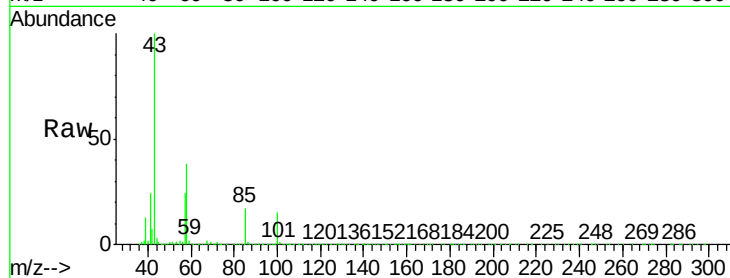




#51
 4-Methyl-2-Pentanone
 Concen: 102.700 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

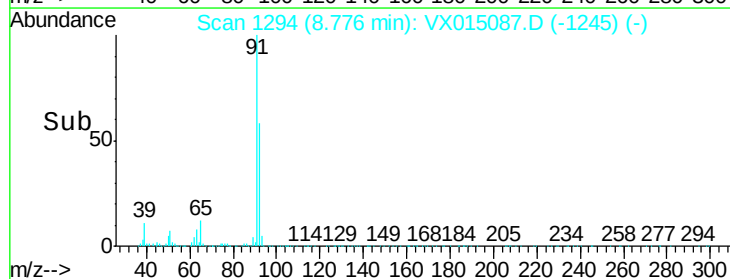
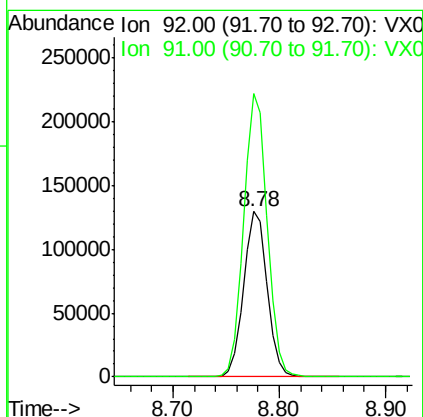
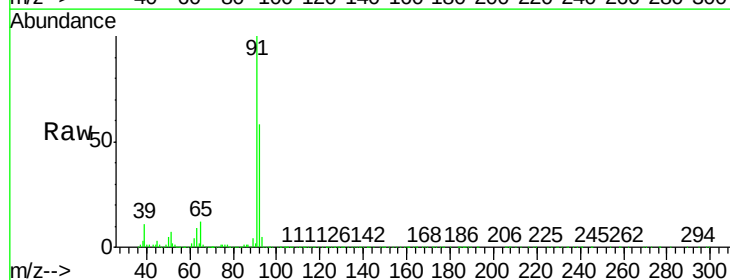
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

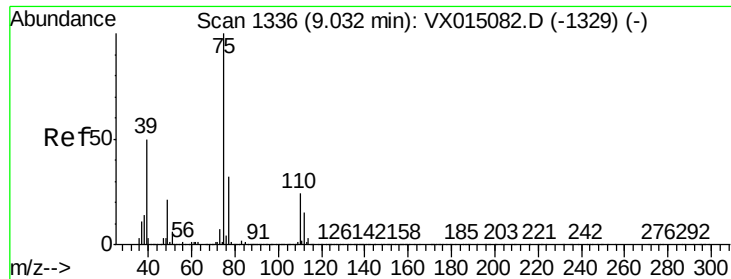
Tgt Ion: 43 Resp: 547976
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4



#52
 Toluene
 Concen: 20.032 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 92 Resp: 200960
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.9 205.3

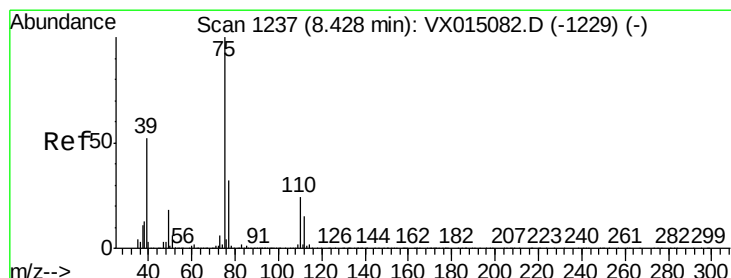
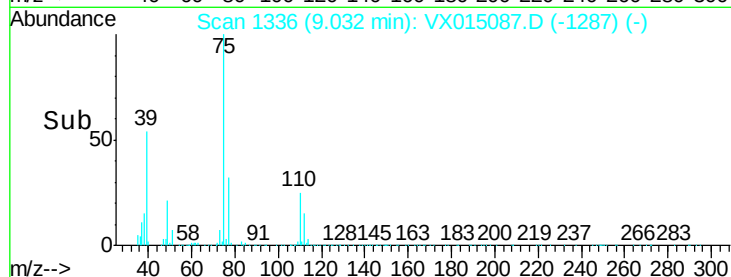
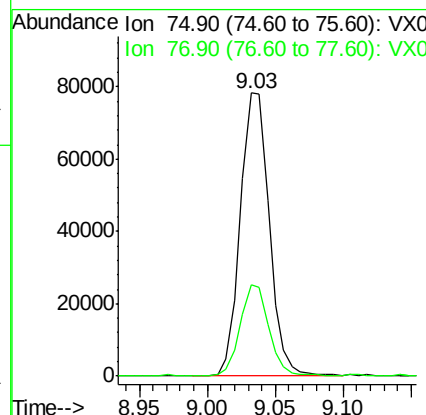
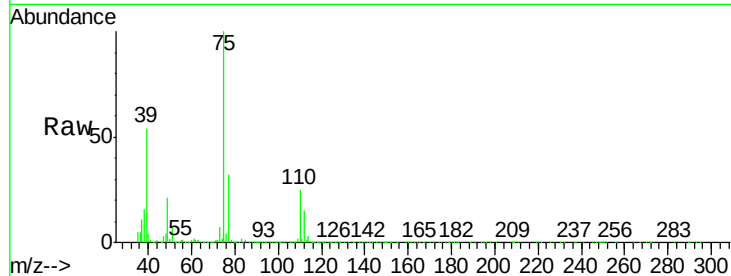




#53
t-1,3-Dichloropropene
Concen: 20.006 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

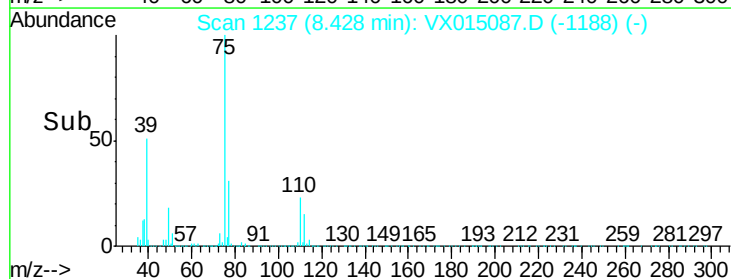
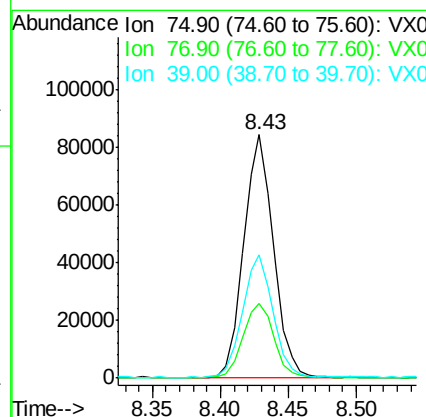
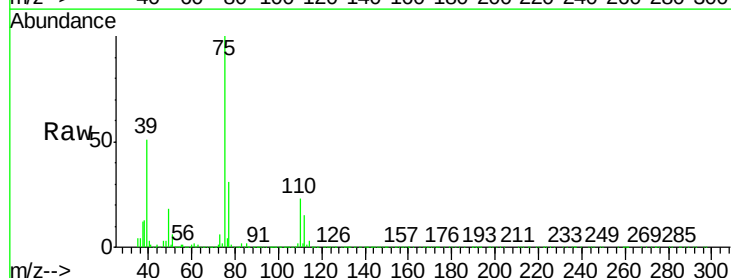
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

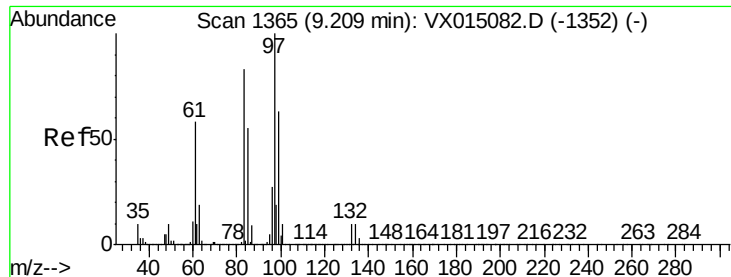
Tgt Ion: 75 Resp: 116521
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.564 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 75 Resp: 128824
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 50.2 41.3 61.9

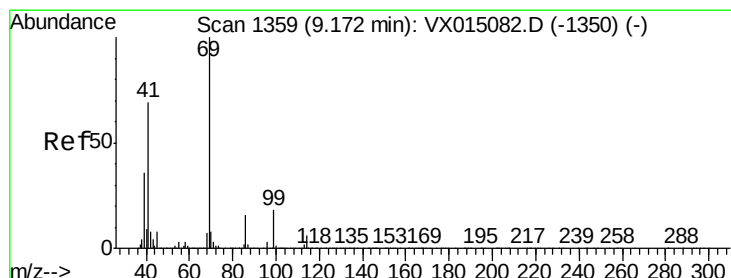
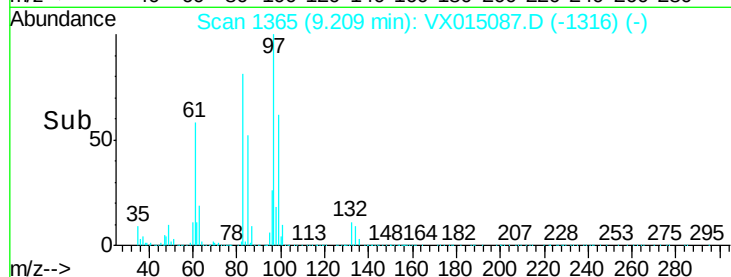
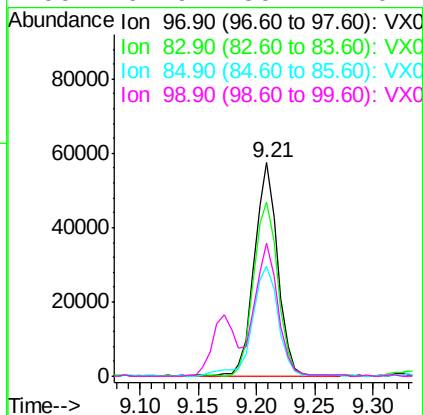
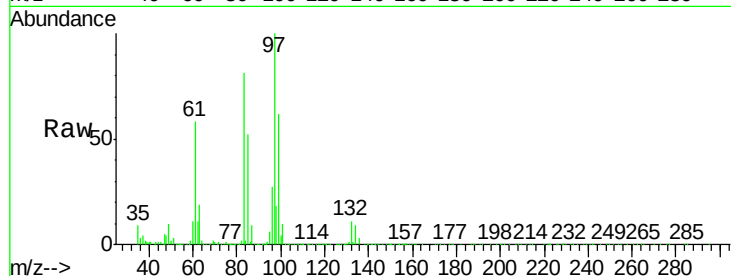




#55
 1,1,2-Trichloroethane
 Concen: 19.619 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

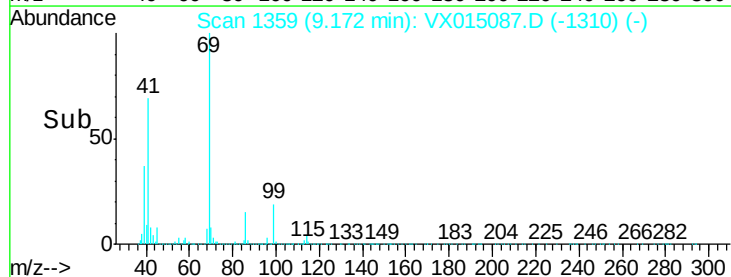
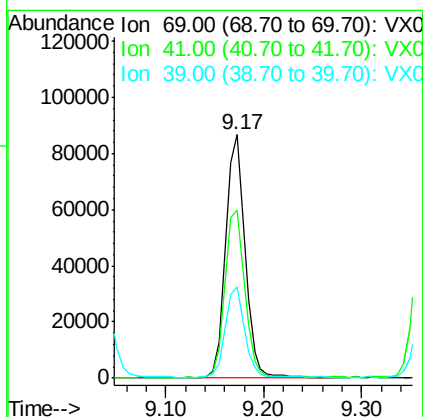
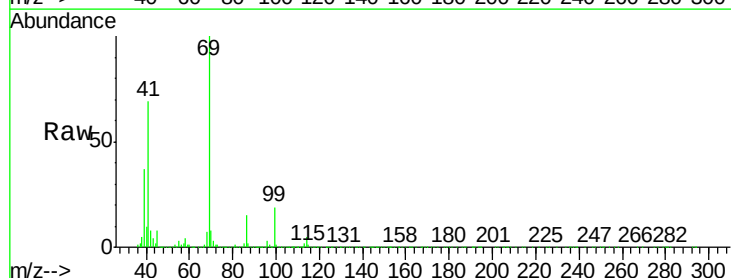
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

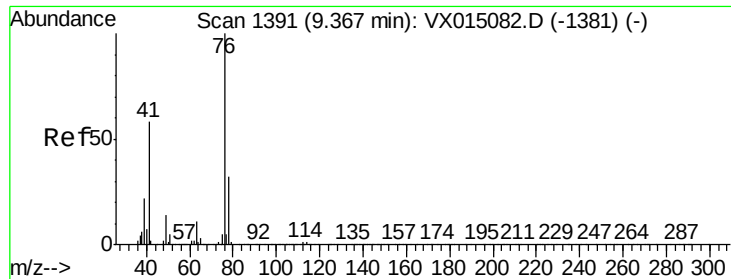
Tgt Ion:	97	Resp:	81010
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.4	99.6
85	51.6	43.5	65.3
99	61.9	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 20.334 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion:	69	Resp:	119759
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	36.9	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.018 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

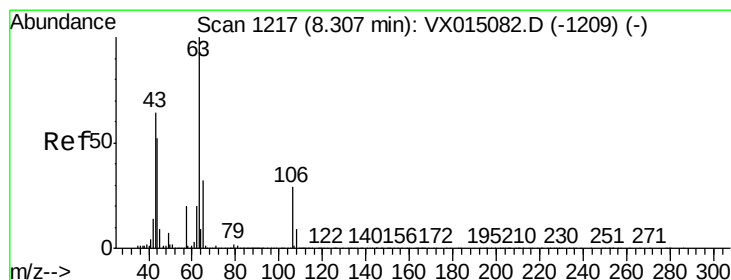
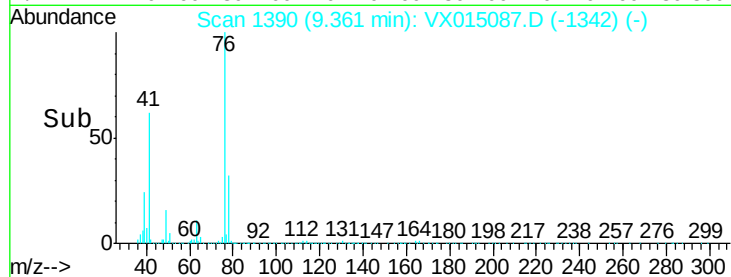
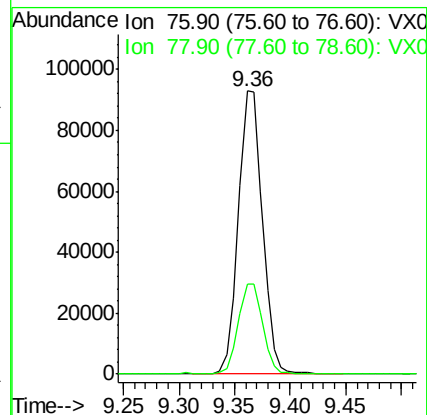
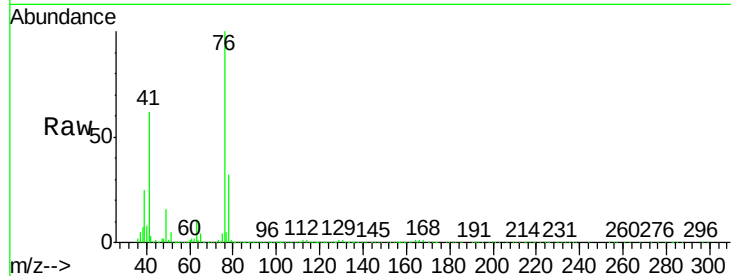
VX0304WBS01

Tgt Ion: 76 Resp: 139060

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.937 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015087.D

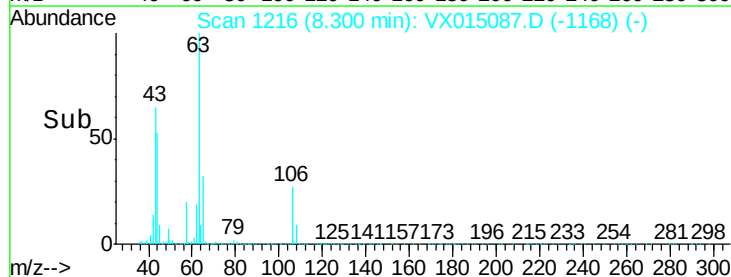
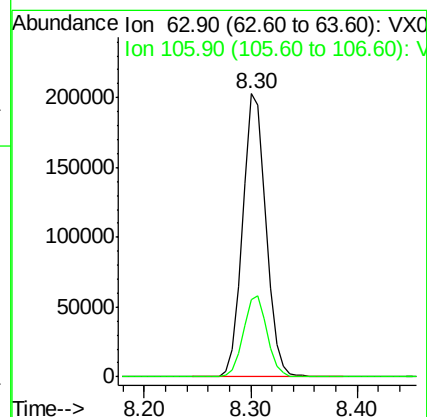
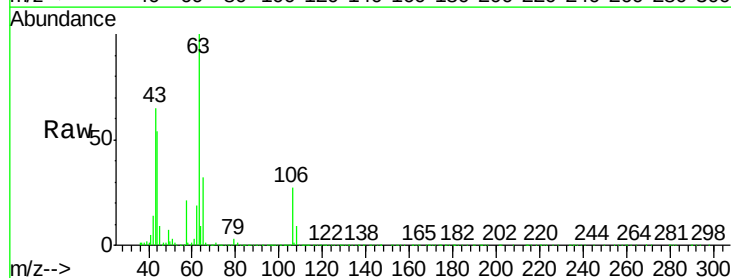
Acq: 04 Mar 2020 15:01

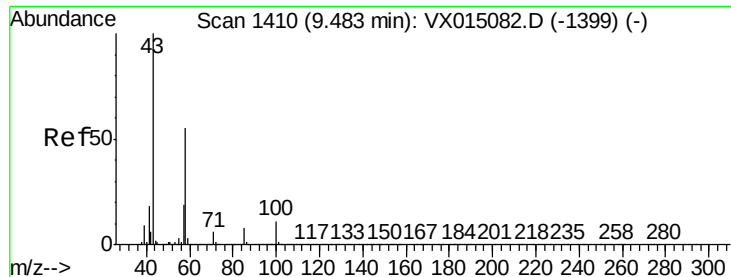
Tgt Ion: 63 Resp: 314234

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2





#59

2-Hexanone

Concen: 102.778 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

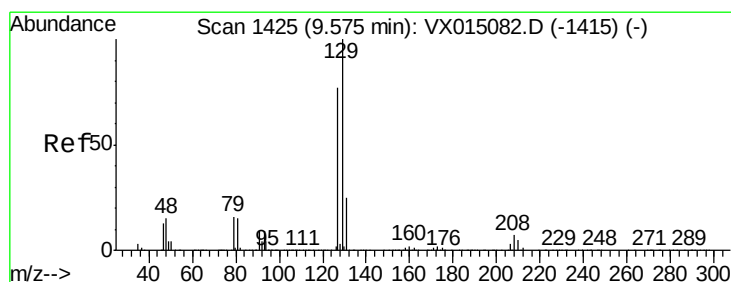
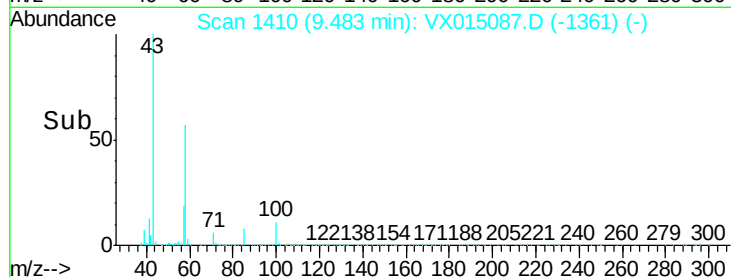
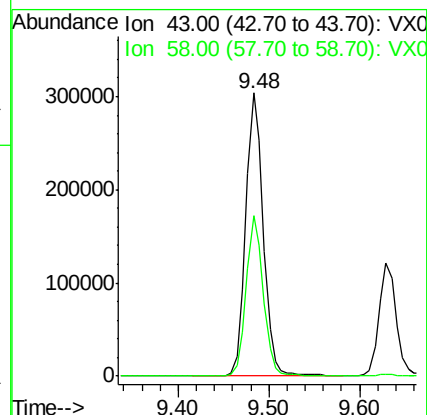
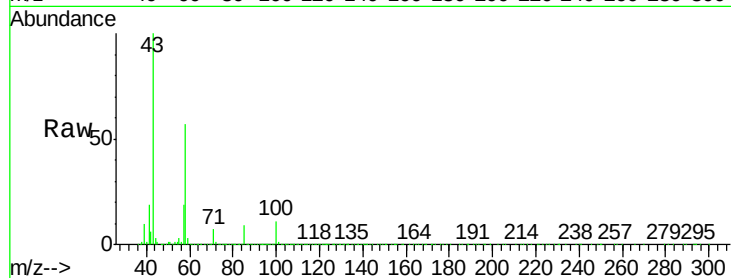
VX0304WBS01

Tgt Ion: 43 Resp: 406461

Ion Ratio Lower Upper

43 100

58 55.5 27.3 81.8



#60

Dibromochloromethane

Concen: 19.792 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015087.D

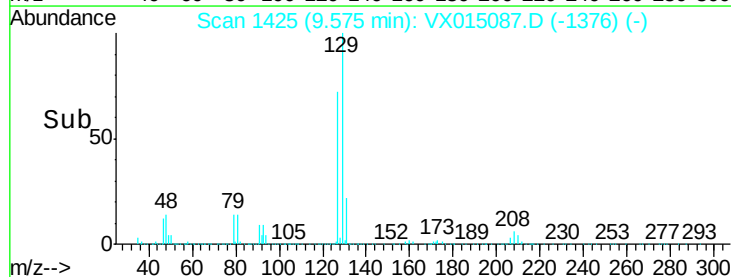
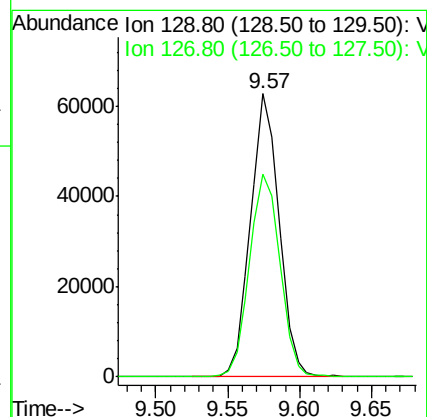
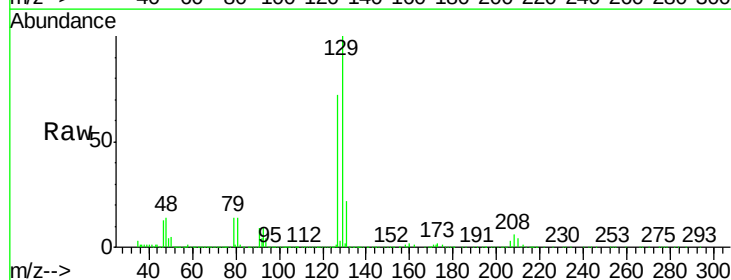
Acq: 04 Mar 2020 15:01

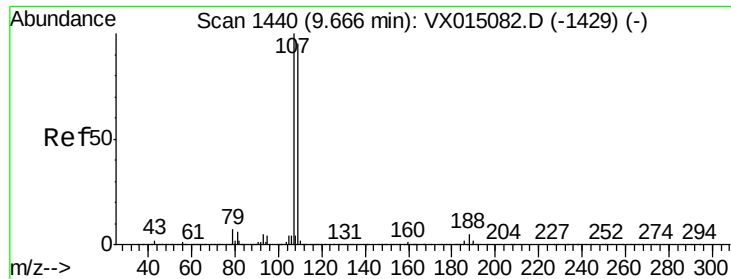
Tgt Ion: 129 Resp: 85846

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.3

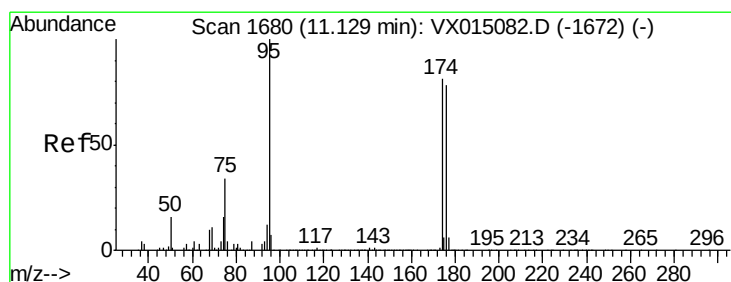
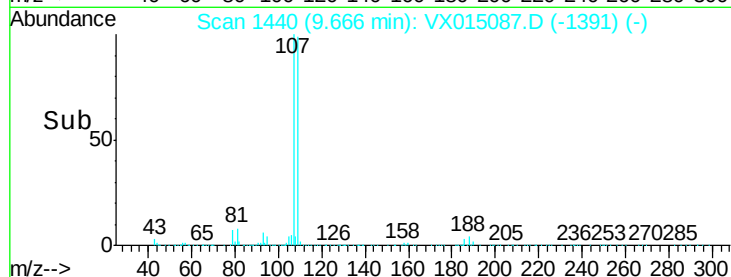
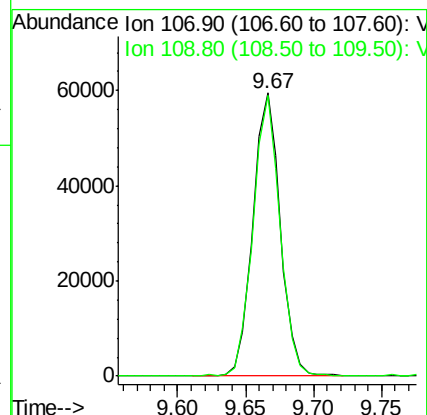
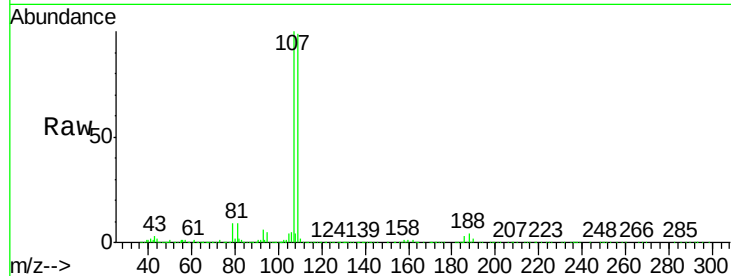




#61
 1,2-Dibromoethane
 Concen: 19.485 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

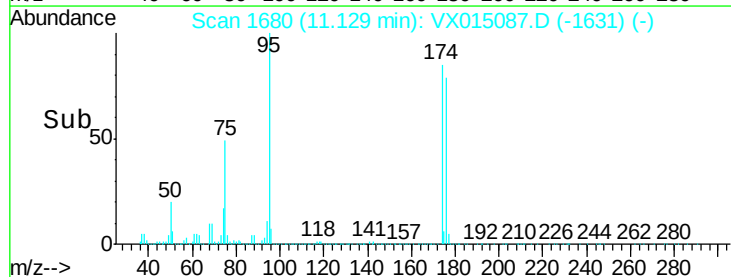
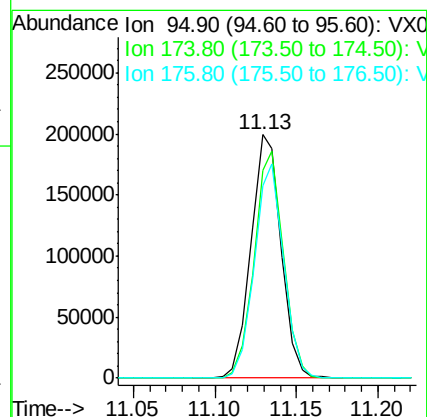
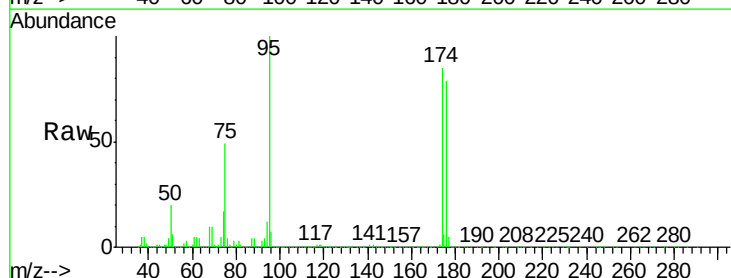
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

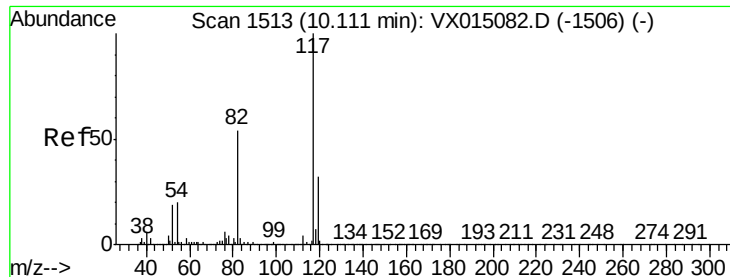
Tgt Ion: 107 Resp: 84508
 Ion Ratio Lower Upper
 107 100
 109 97.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.952 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 95 Resp: 255773
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 177.6
 176 86.0 0.0 170.2

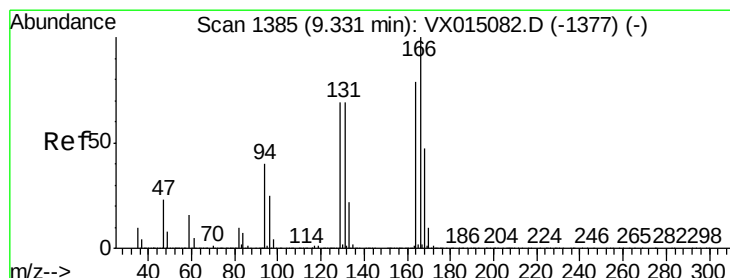
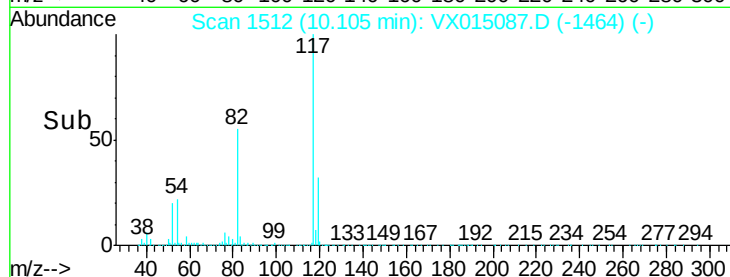
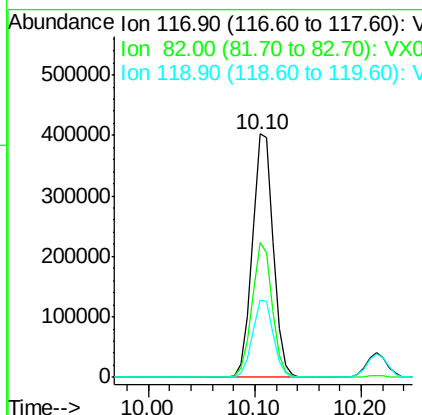
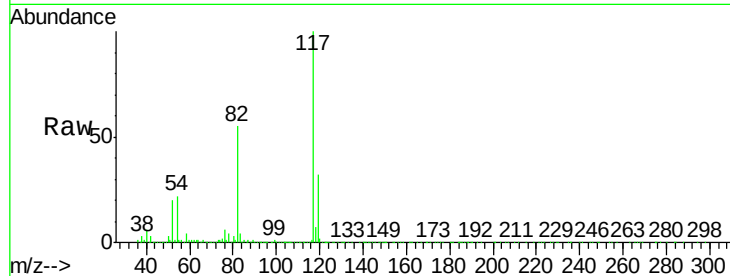




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

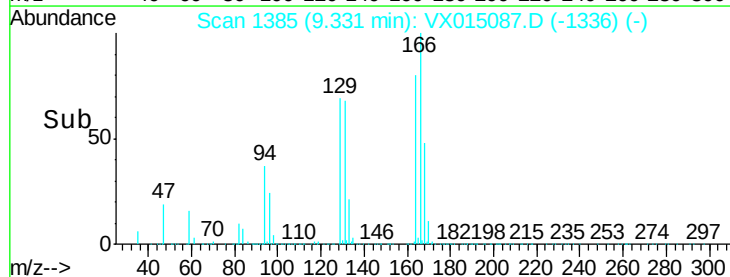
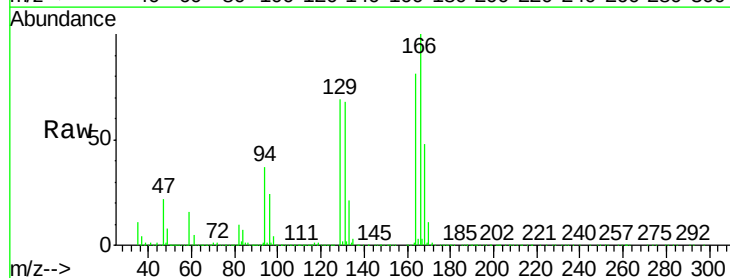
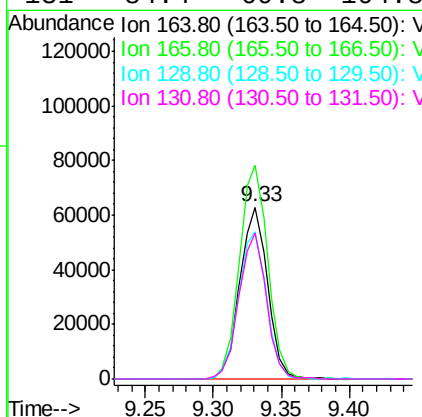
Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

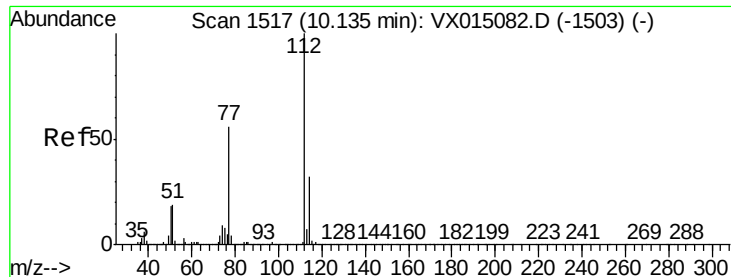
Tgt Ion:117 Resp: 554769
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 19.446 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:164 Resp: 89196
Ion Ratio Lower Upper
164 100
166 124.1 101.1 151.7
129 85.6 69.4 104.0
131 84.4 69.8 104.8

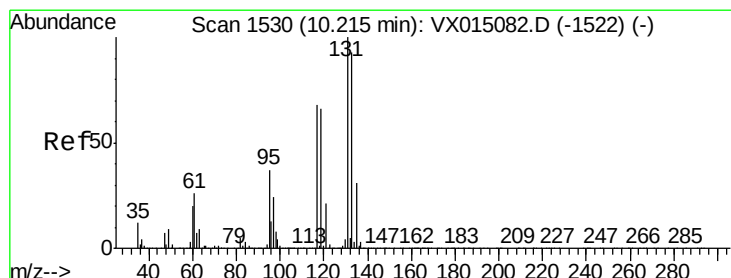
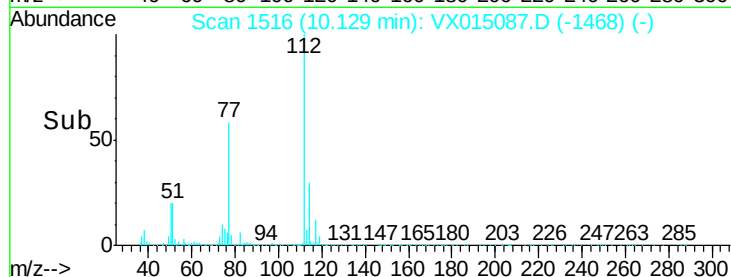
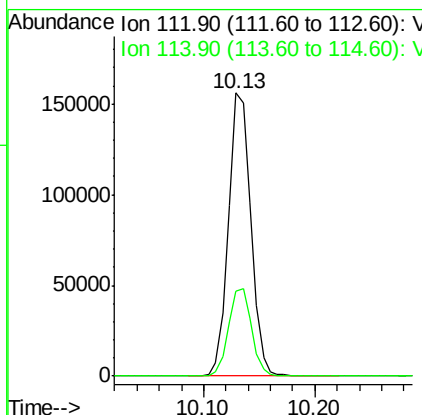
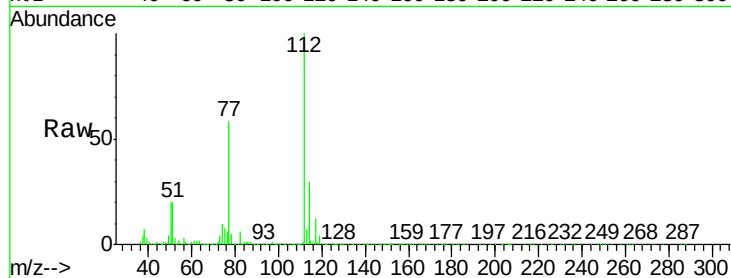




#65
Chlorobenzene
Concen: 19.545 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

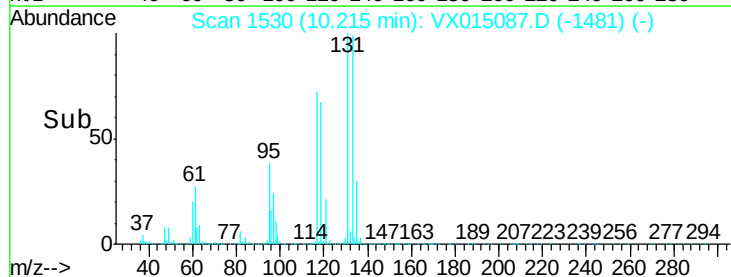
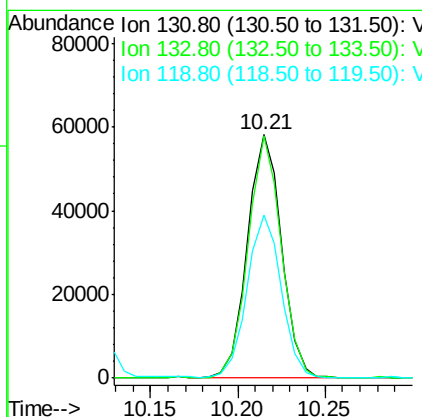
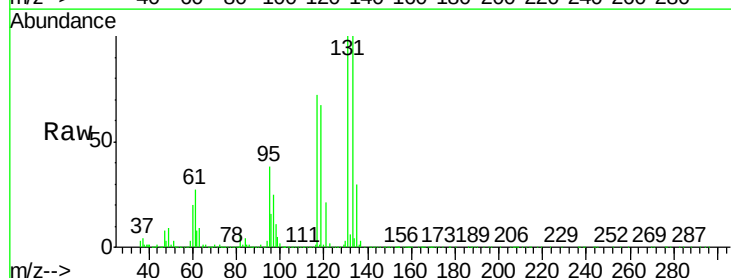
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

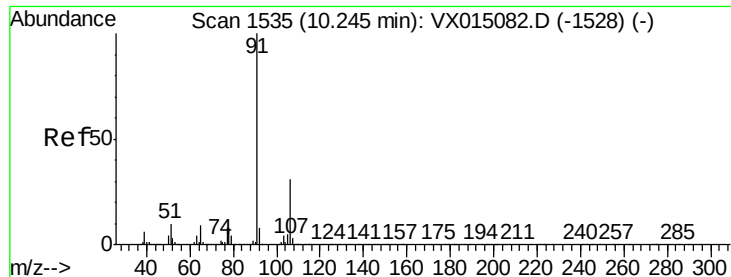
Tgt Ion:112 Resp: 217690
Ion Ratio Lower Upper
112 100
114 29.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.730 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:131 Resp: 78662
Ion Ratio Lower Upper
131 100
133 97.4 47.5 142.5
119 67.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.091 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

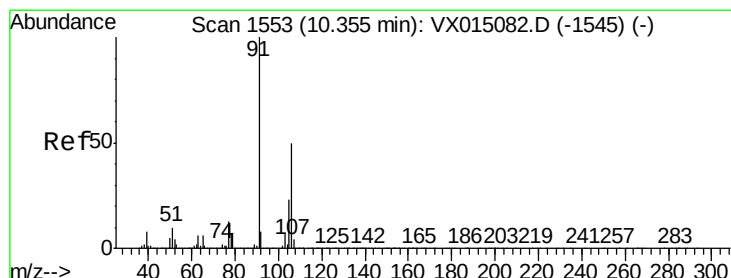
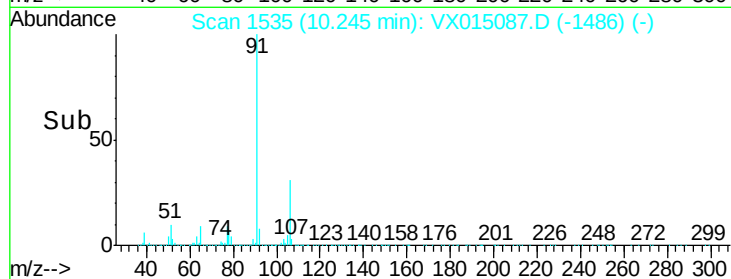
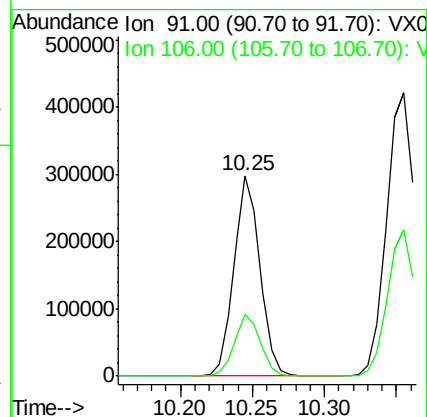
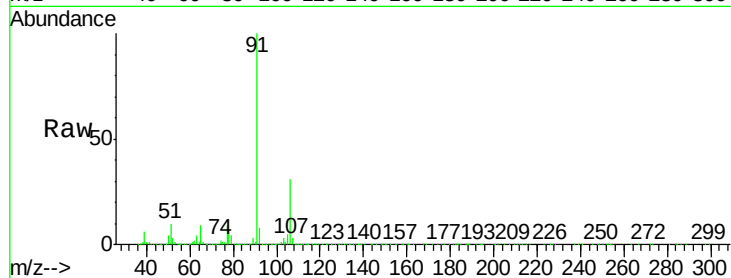
VX0304WBS01

Tgt Ion: 91 Resp: 379974

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 40.369 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015087.D

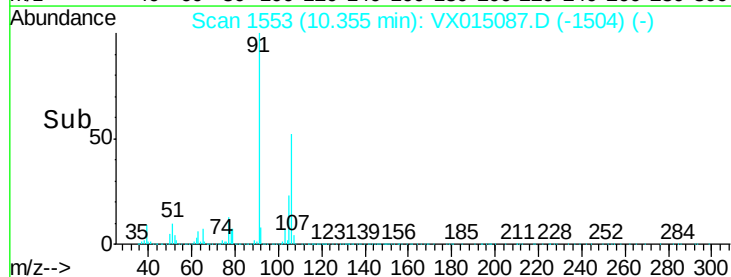
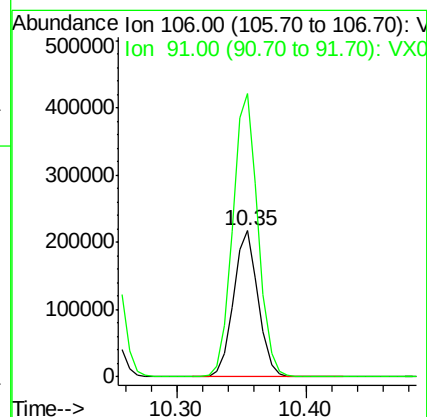
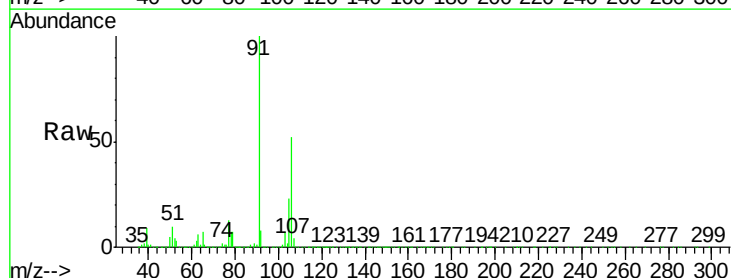
Acq: 04 Mar 2020 15:01

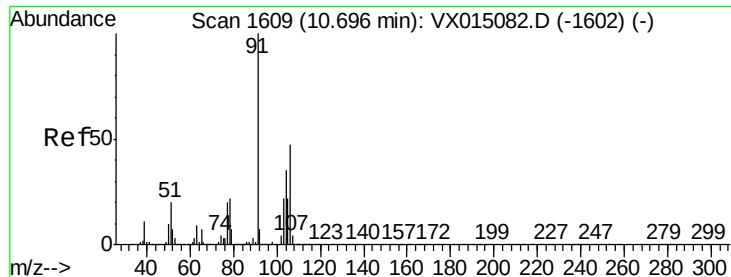
Tgt Ion: 106 Resp: 290485

Ion Ratio Lower Upper

106 100

91 198.7 159.4 239.2

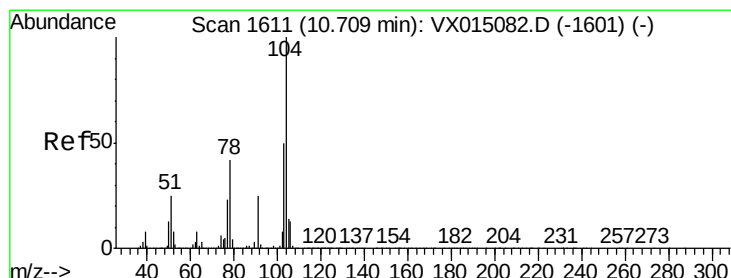
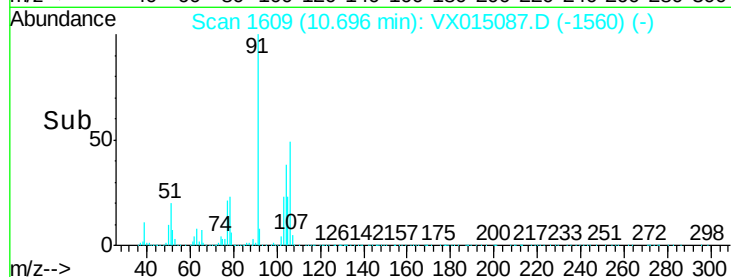
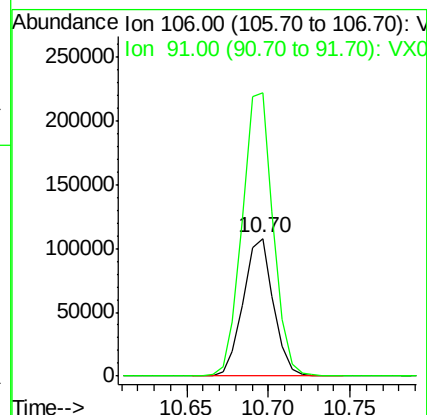
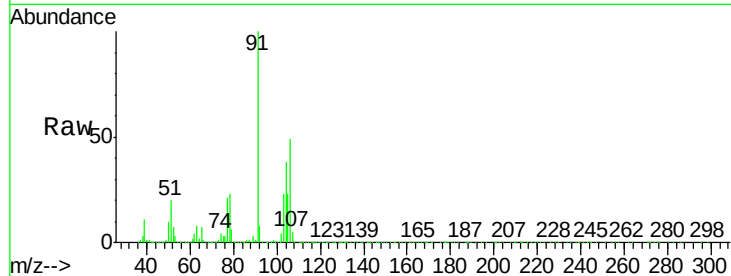




#69
o-Xylene
Concen: 20.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

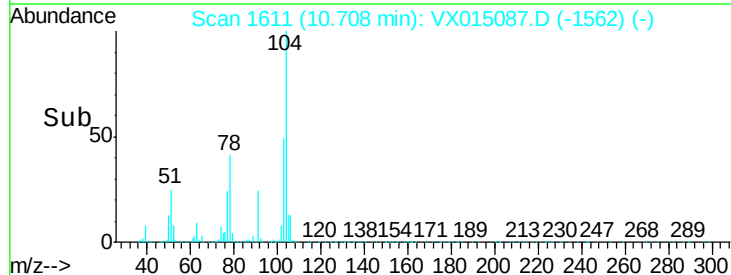
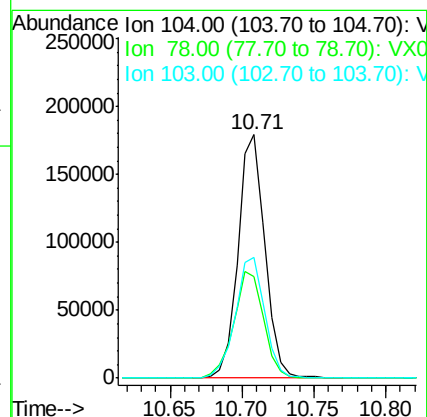
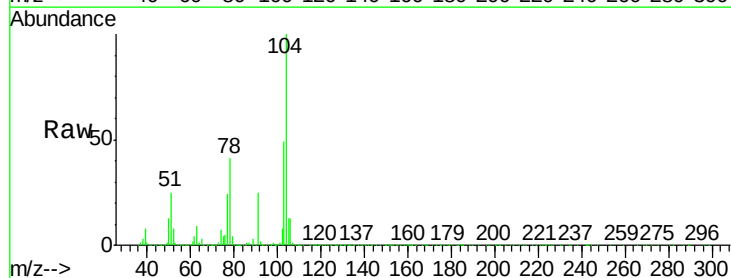
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

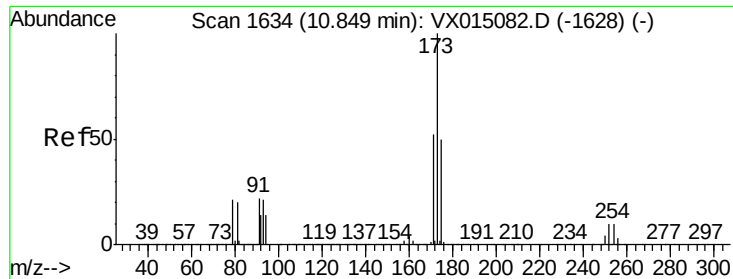
Tgt Ion:106 Resp: 139117
Ion Ratio Lower Upper
106 100
91 209.9 105.4 316.1



#70
Styrene
Concen: 19.763 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:104 Resp: 233457
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.3 43.7 65.5





#71

Bromoform

Concen: 19.282 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

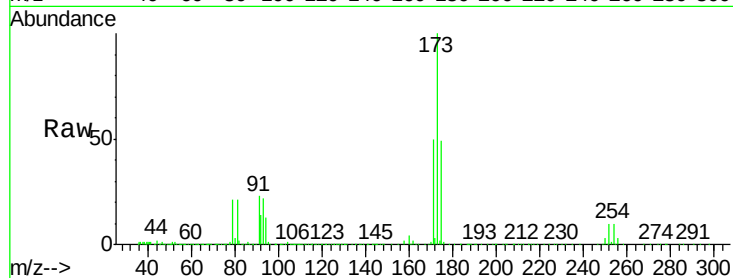
Tgt Ion:173 Resp: 62797

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.7

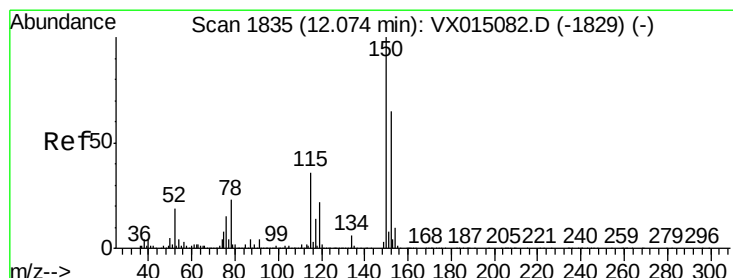
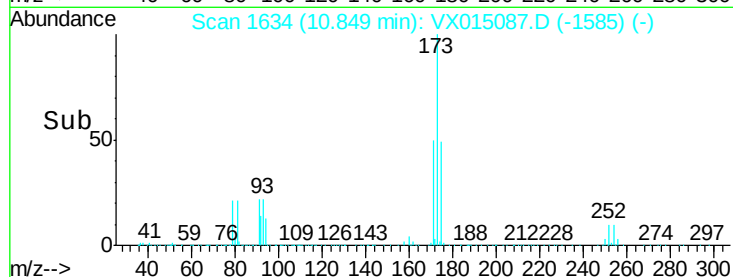
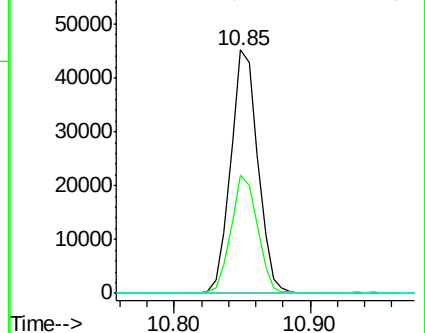
254 0.6 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

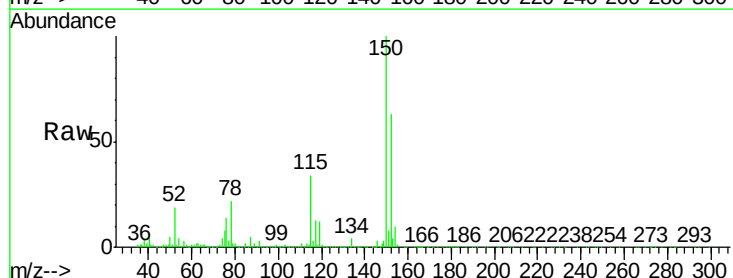
Tgt Ion:152 Resp: 280477

Ion Ratio Lower Upper

152 100

115 63.6 38.2 114.6

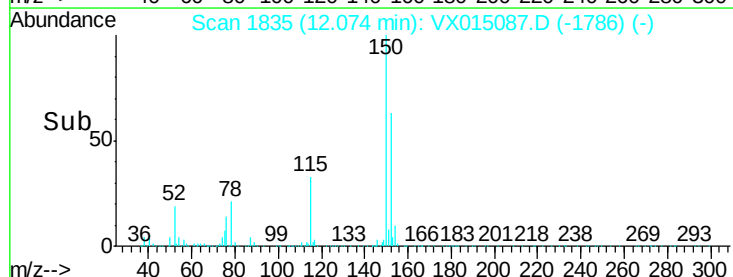
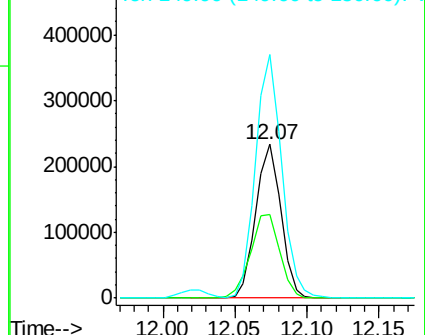
150 164.7 0.0 343.8

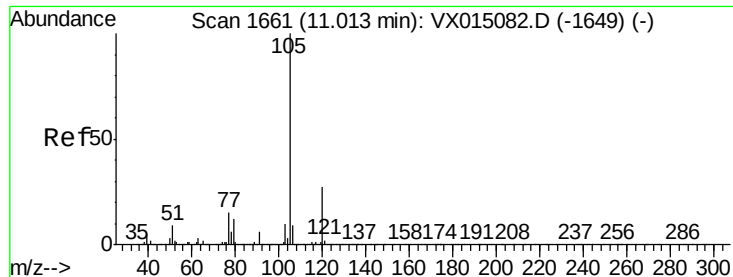


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.956 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

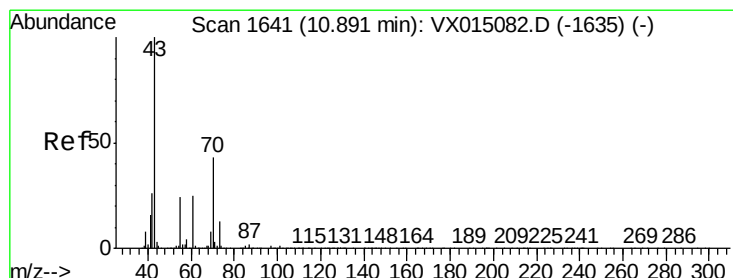
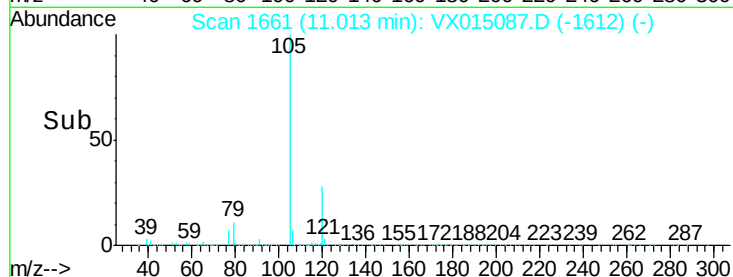
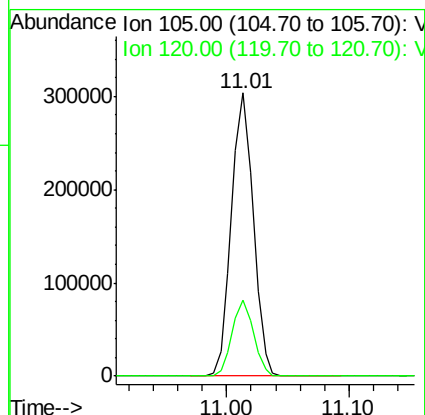
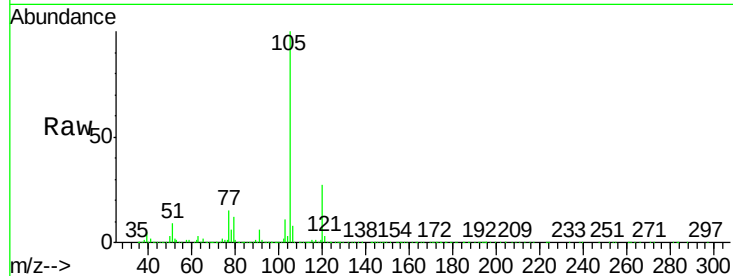
Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tgt Ion: 105 Resp: 375472

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.5	40.5



#74

N-ethyl acetate

Concen: 19.857 ug/l

RT: 10.89 min Scan# 1641

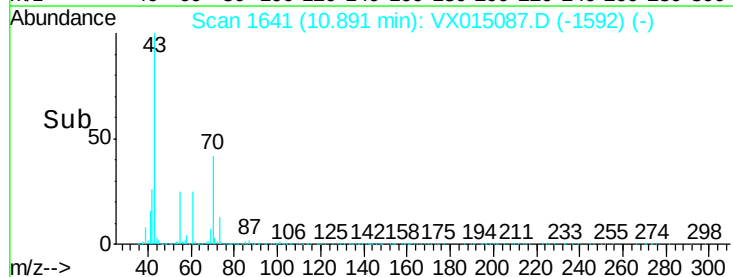
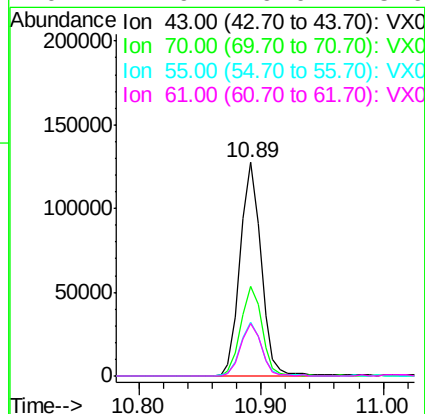
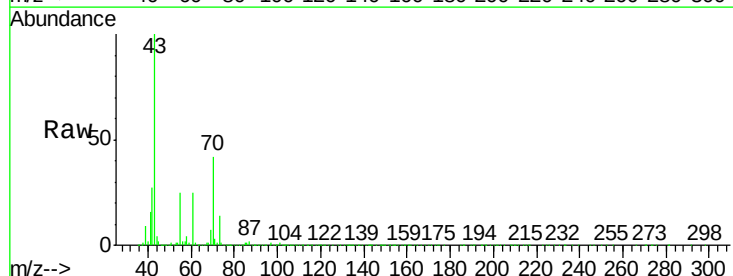
Delta R.T. -0.00 min

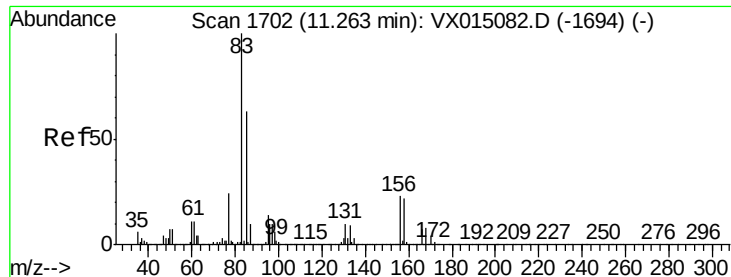
Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion: 43 Resp: 149938

Ion	Ratio	Lower	Upper
43	100		
70	43.4	34.7	52.1
55	25.0	19.4	29.0
61	24.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.673 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

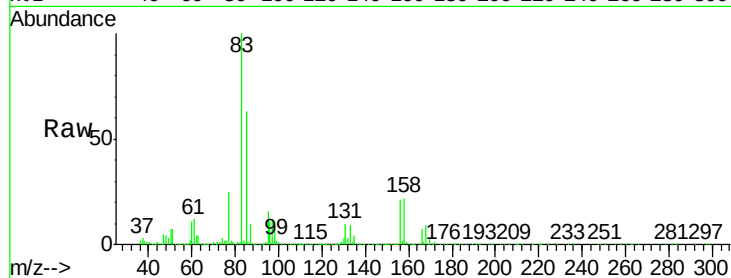
Tgt Ion: 83 Resp: 117470

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

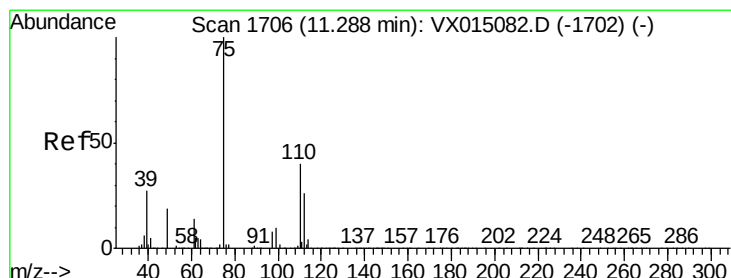
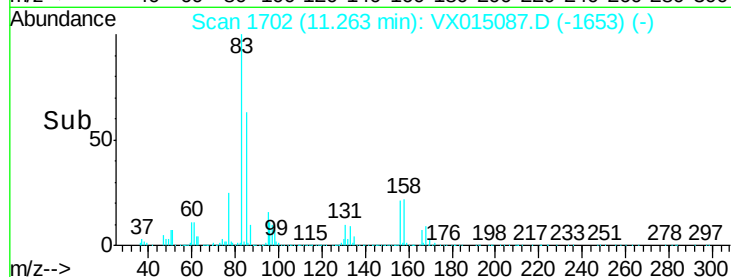
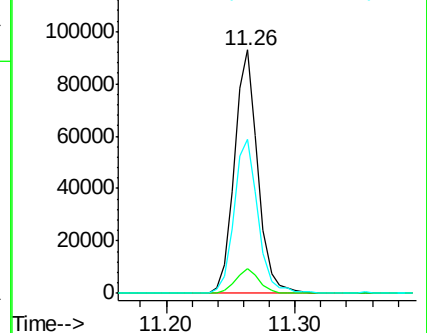
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.345 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015087.D

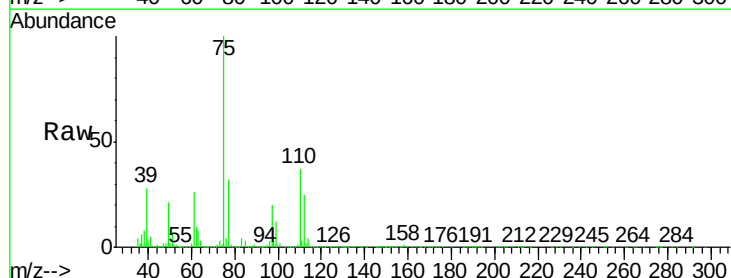
Acq: 04 Mar 2020 15:01

Tgt Ion: 75 Resp: 130606

Ion Ratio Lower Upper

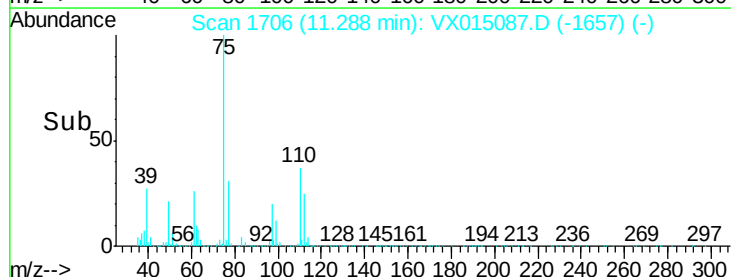
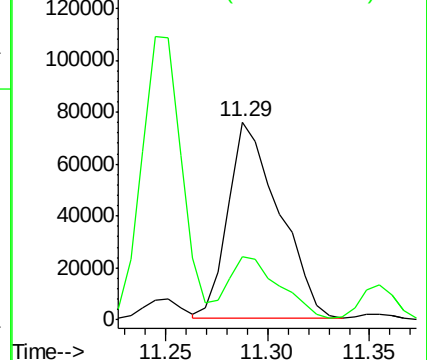
75 100

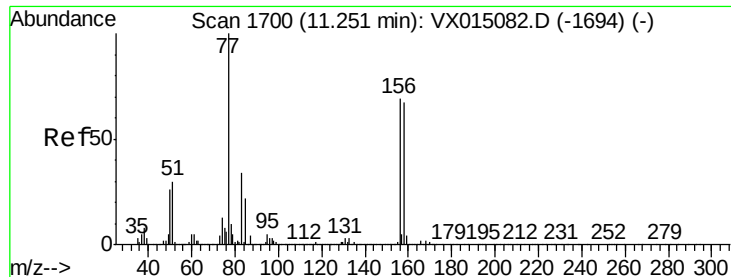
77 30.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.255 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

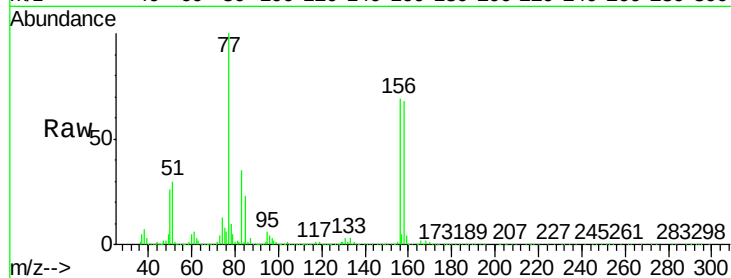
Tgt Ion:156 Resp: 96144

Ion Ratio Lower Upper

156 100

77 153.5 75.3 225.9

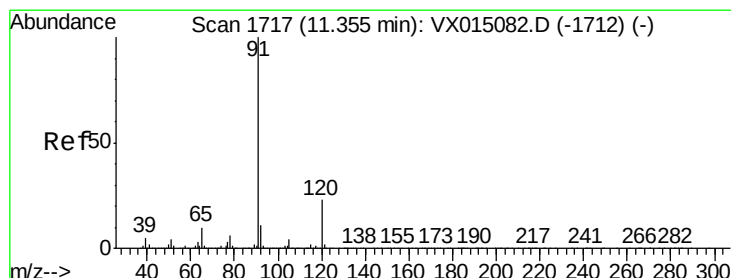
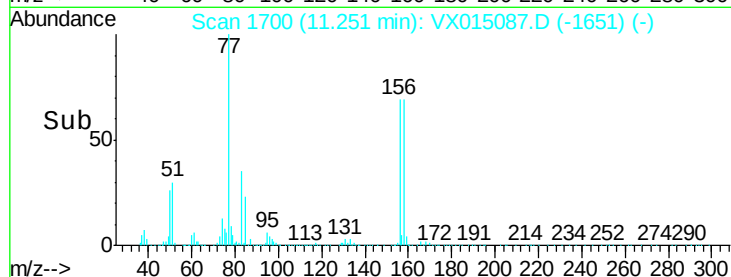
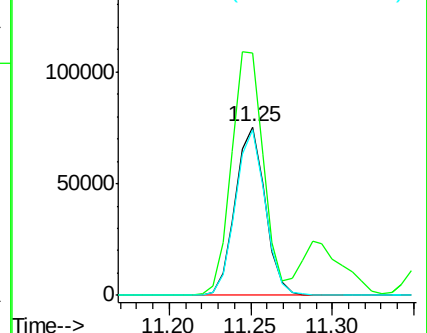
158 98.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.615 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015087.D

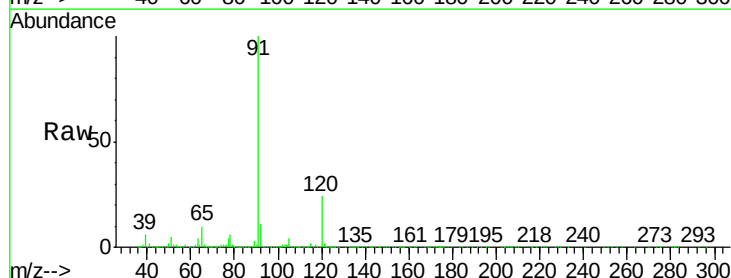
Acq: 04 Mar 2020 15:01

Tgt Ion: 91 Resp: 421981

Ion Ratio Lower Upper

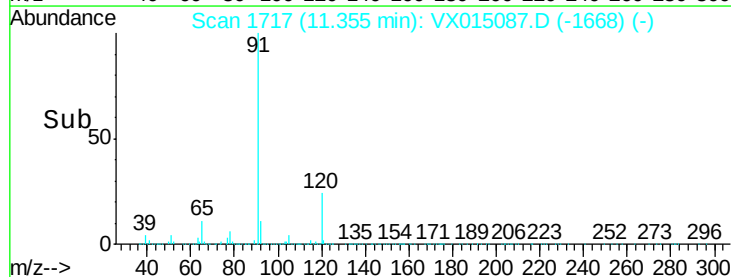
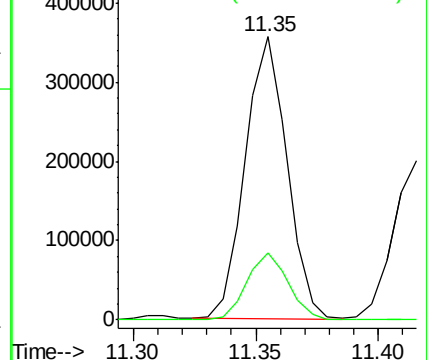
91 100

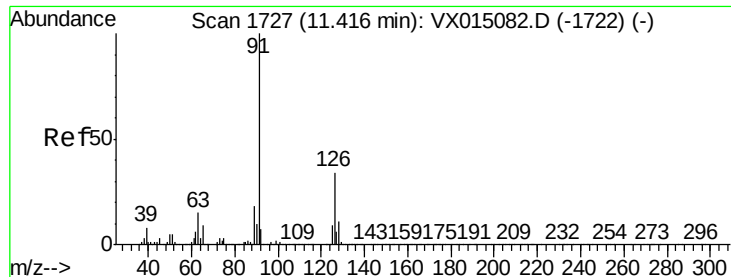
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

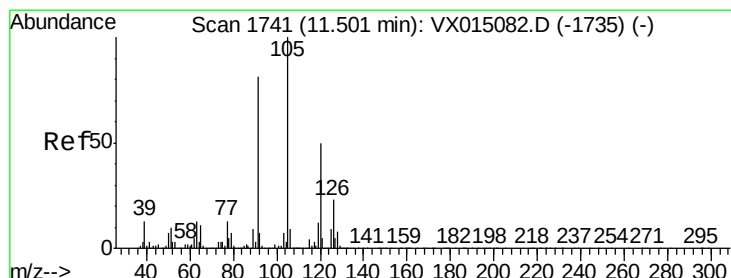
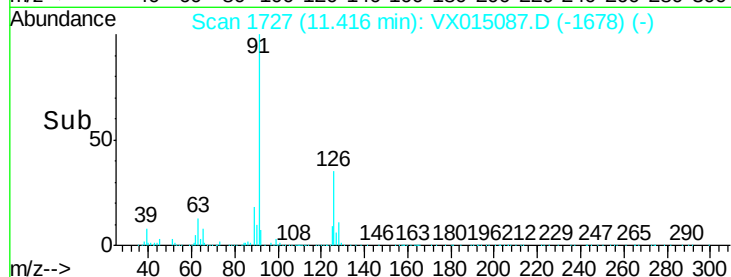
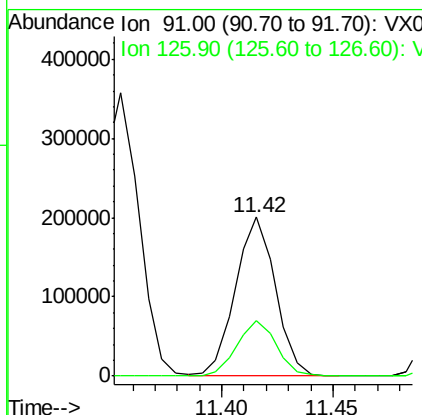
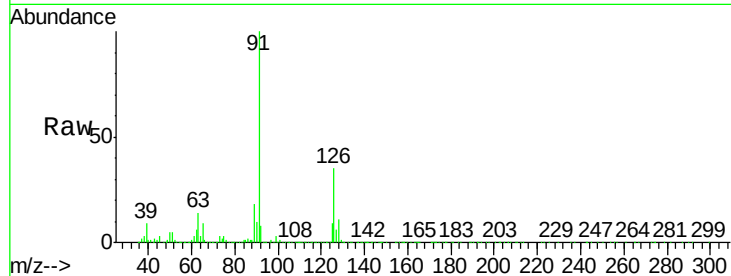




#79
 2-Chlorotoluene
 Concen: 20.478 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

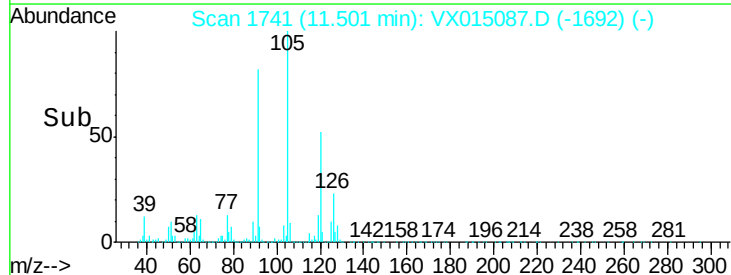
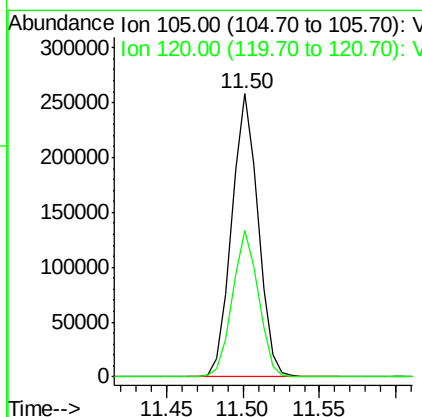
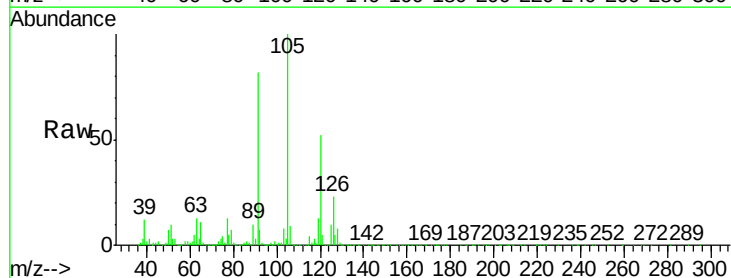
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

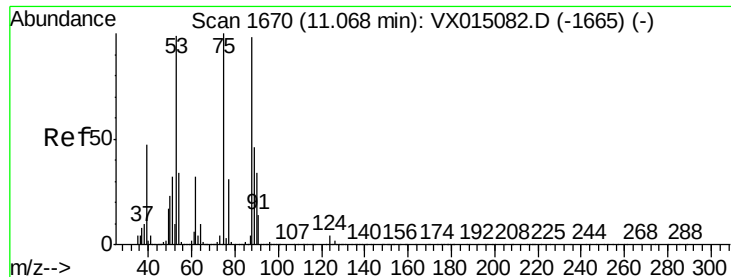
Tgt Ion: 91 Resp: 250332
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.607 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion: 105 Resp: 307355
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.690 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

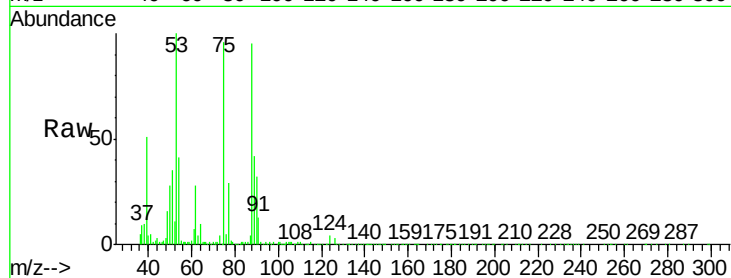
Tgt Ion: 75 Resp: 36844

Ion Ratio Lower Upper

75 100

53 104.0 77.9 116.9

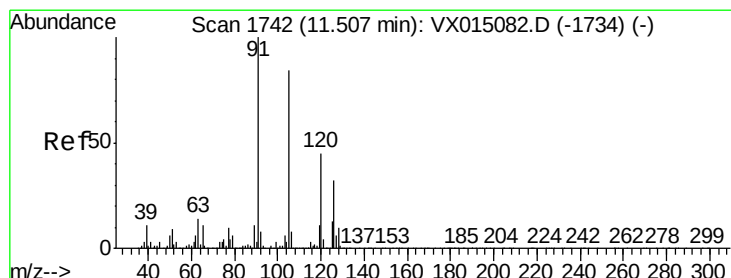
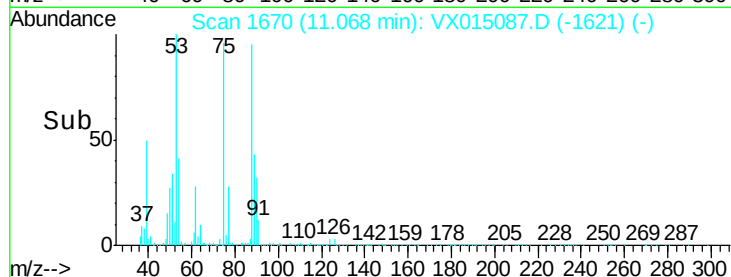
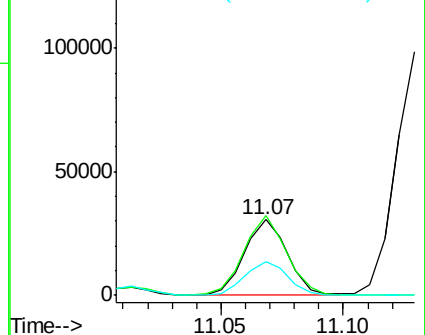
89 45.4 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.160 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015087.D

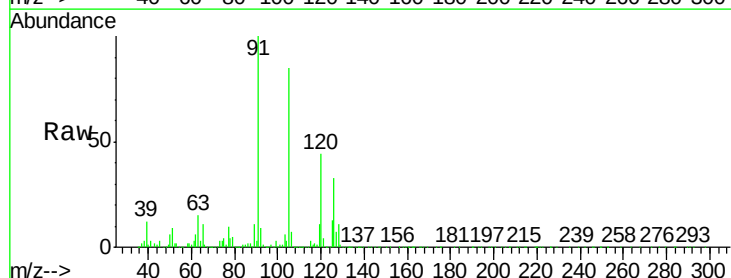
Acq: 04 Mar 2020 15:01

Tgt Ion: 91 Resp: 291160

Ion Ratio Lower Upper

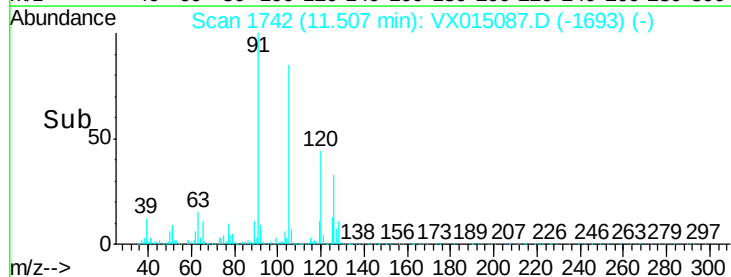
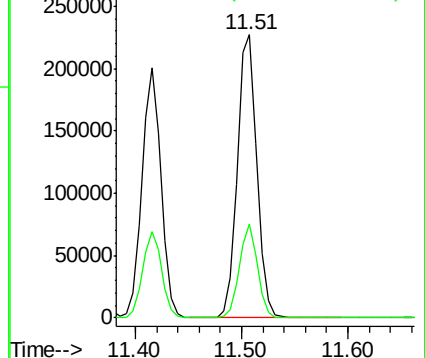
91 100

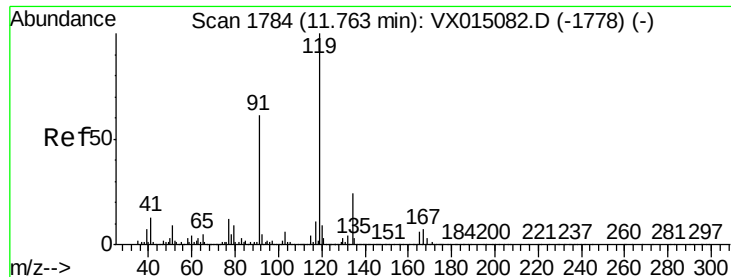
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

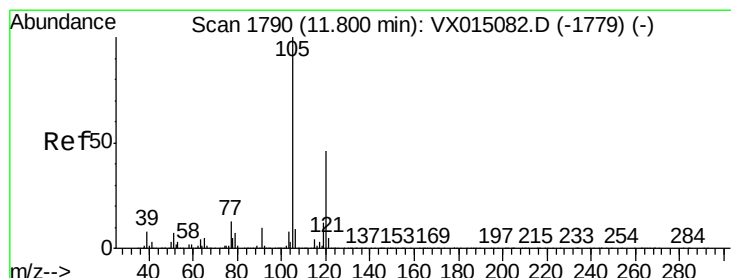
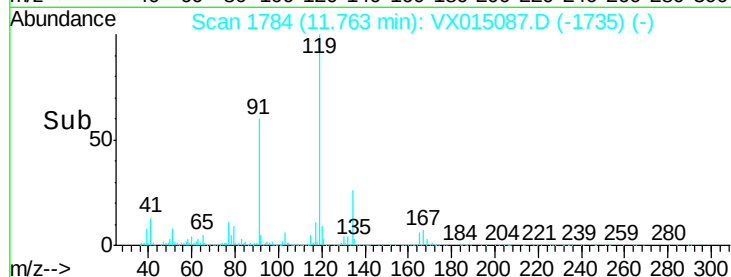
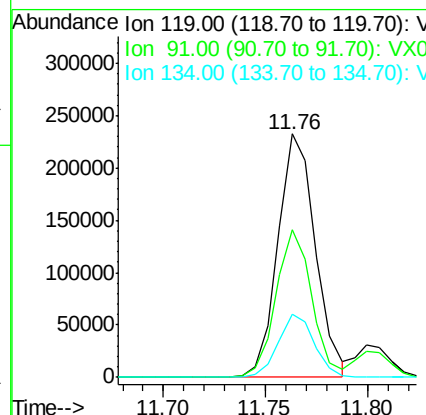
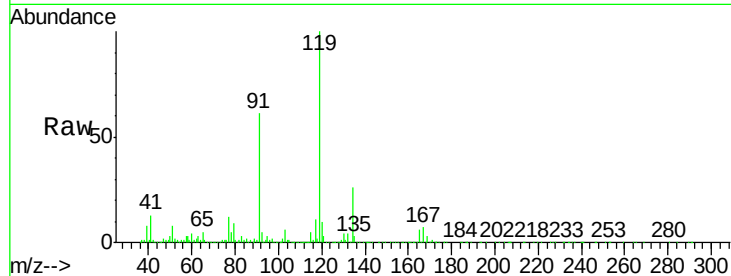




#83
 tert-Butylbenzene
 Concen: 20.641 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

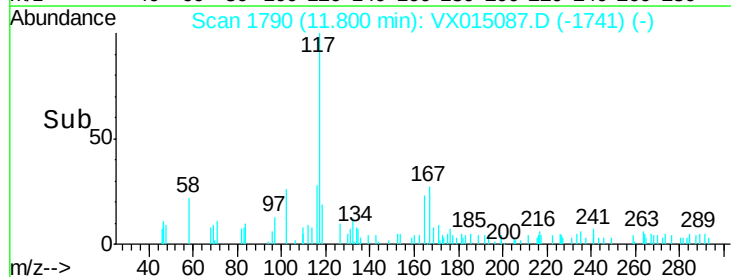
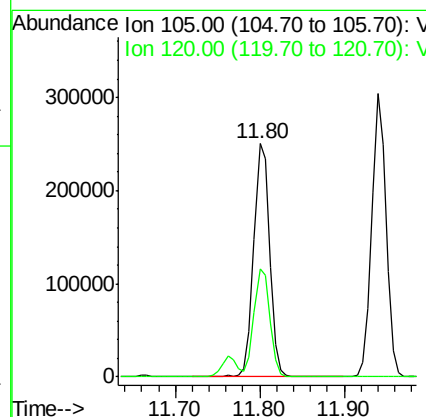
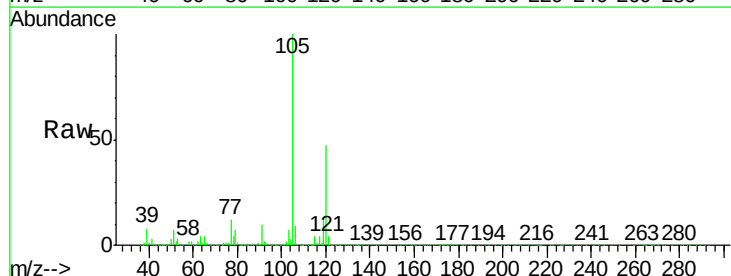
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

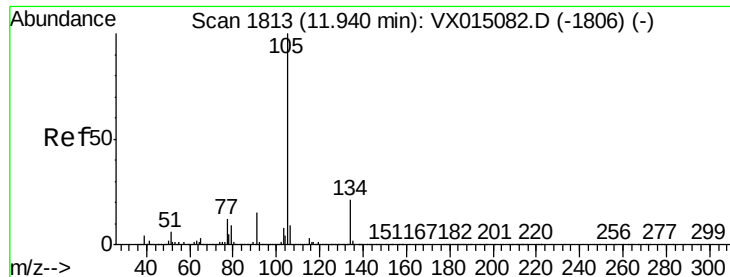
Tgt Ion:119 Resp: 297689
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.5 85.6
 134 25.0 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.967 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion:105 Resp: 314166
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5

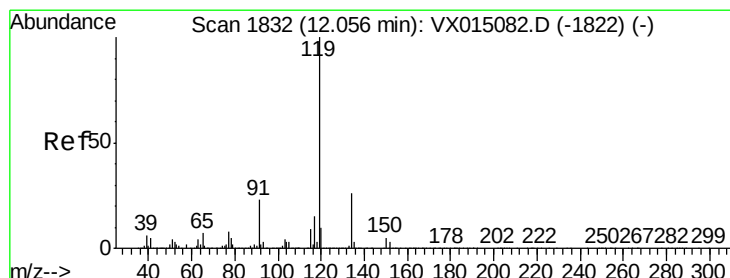
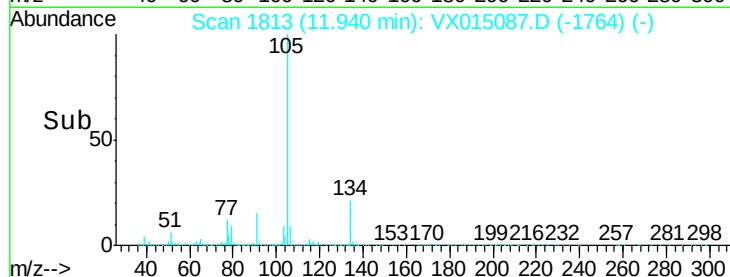
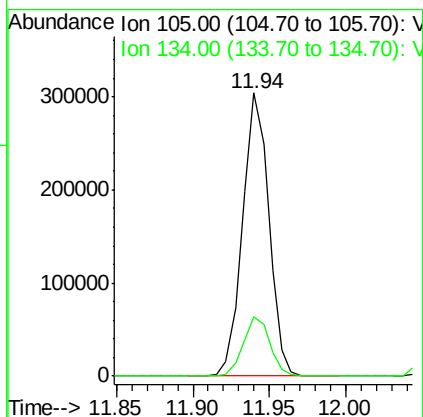
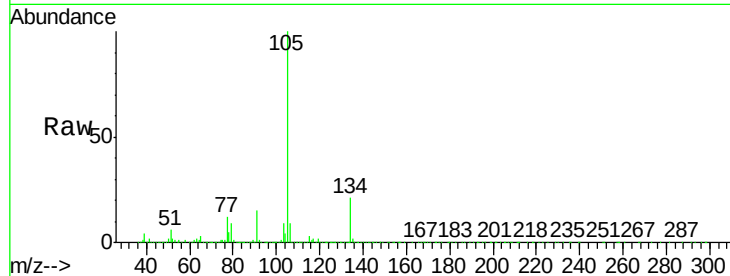




#85
 sec-Butylbenzene
 Concen: 20.786 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

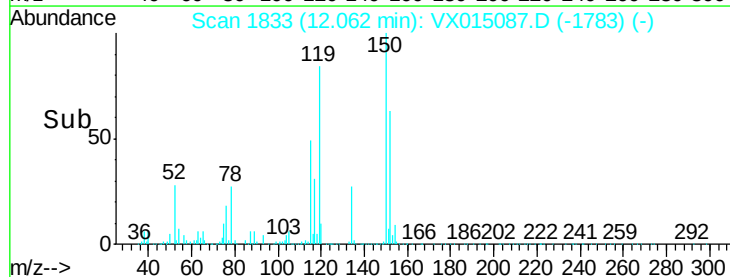
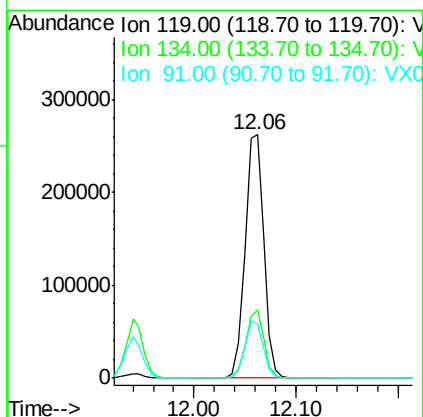
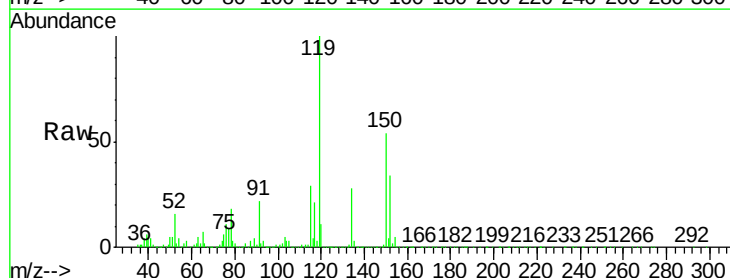
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

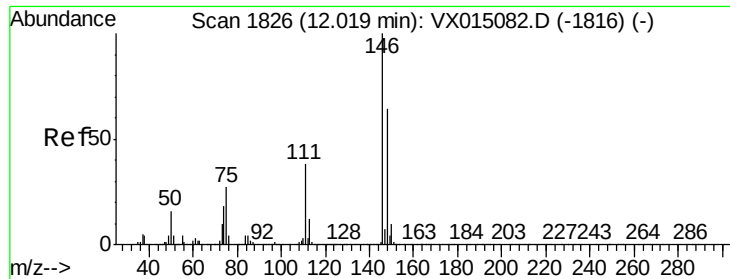
Tgt Ion:105 Resp: 361875
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.565 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion:119 Resp: 329860
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.880 ug/l

RT: 12.02 min Scan# 1826

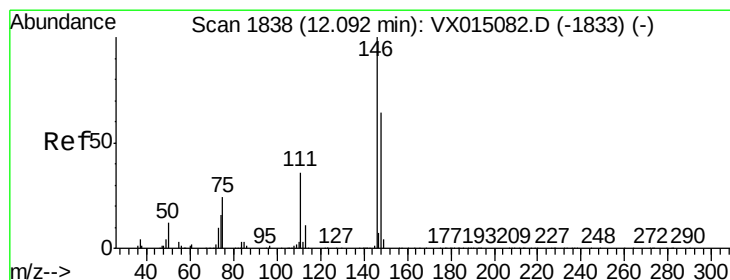
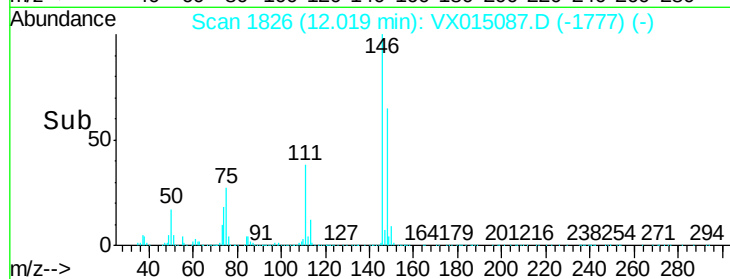
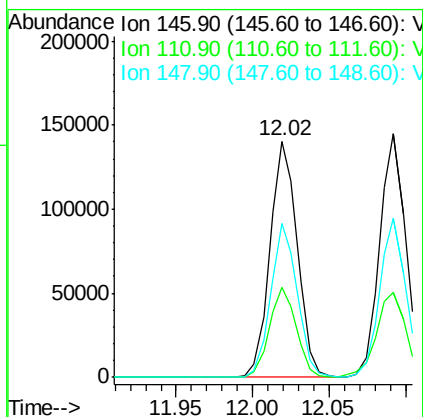
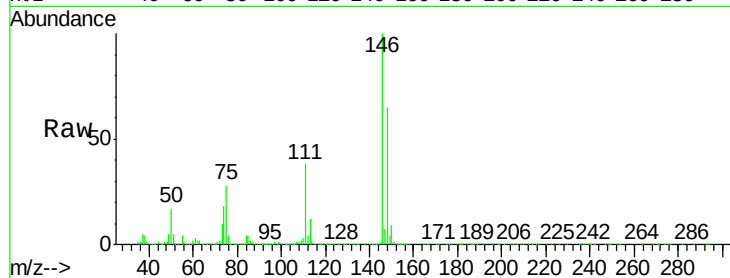
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 18.916 ug/l

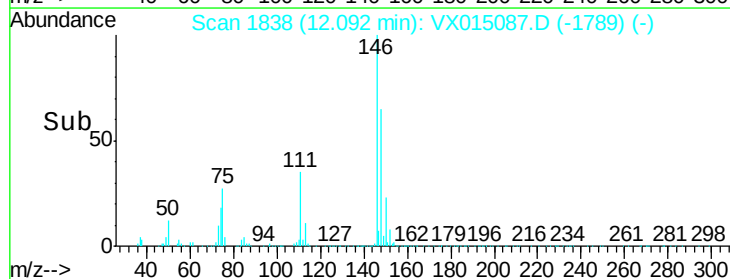
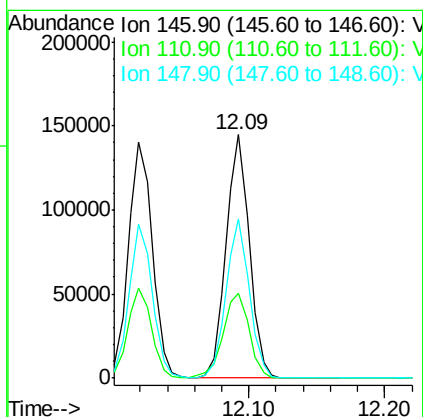
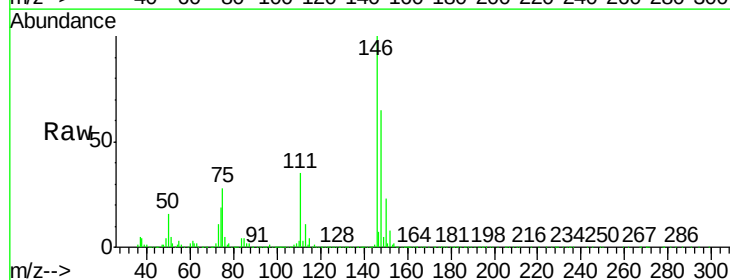
RT: 12.09 min Scan# 1838

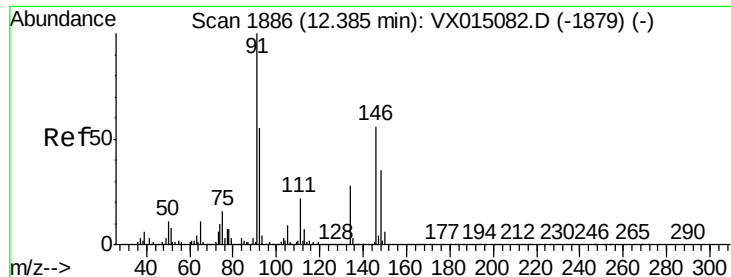
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	65.3	32.5	97.4





#89

n-Butylbenzene

Concen: 20.003 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

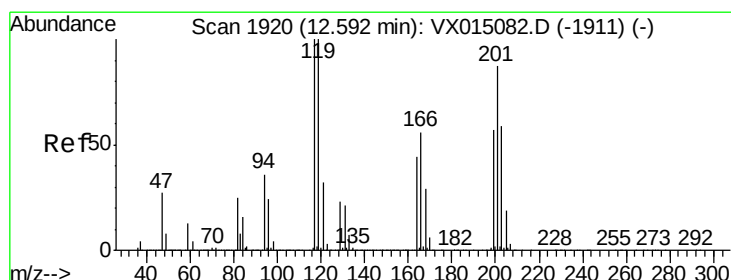
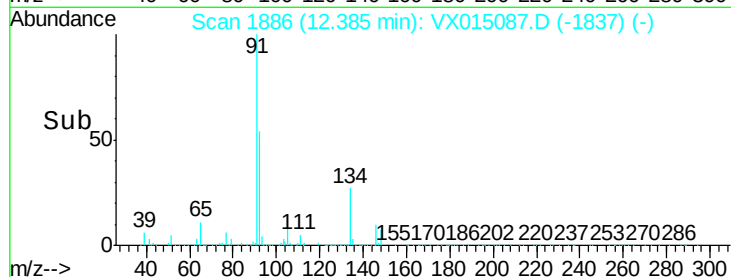
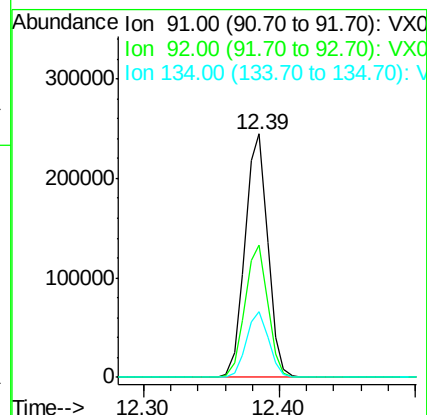
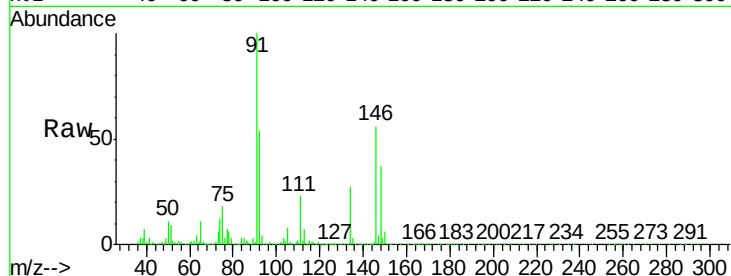
Tgt Ion: 91 Resp: 285369

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.6

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 19.530 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015087.D

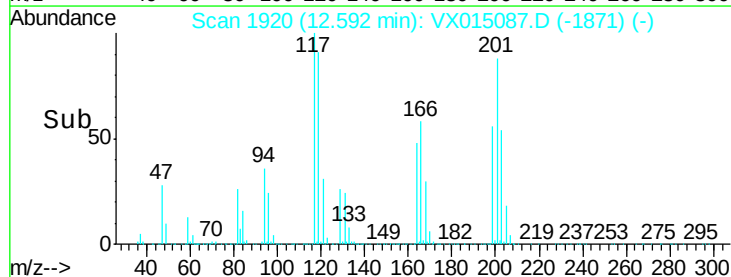
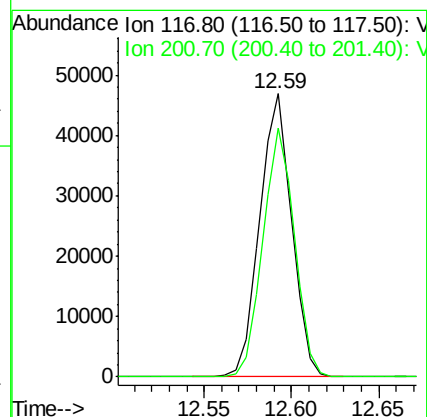
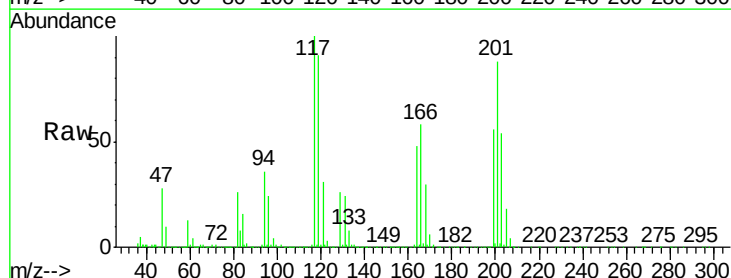
Acq: 04 Mar 2020 15:01

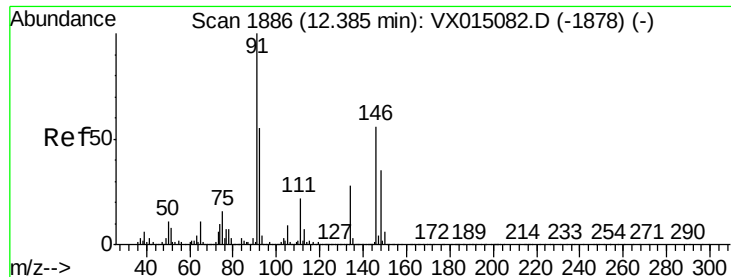
Tgt Ion: 117 Resp: 59224

Ion Ratio Lower Upper

117 100

201 87.5 43.5 130.7

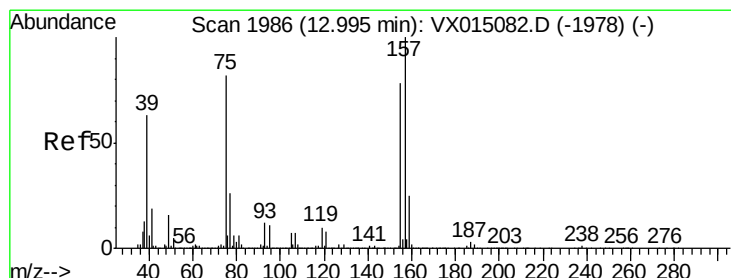
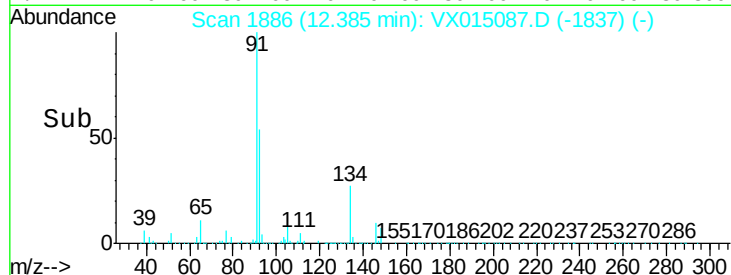
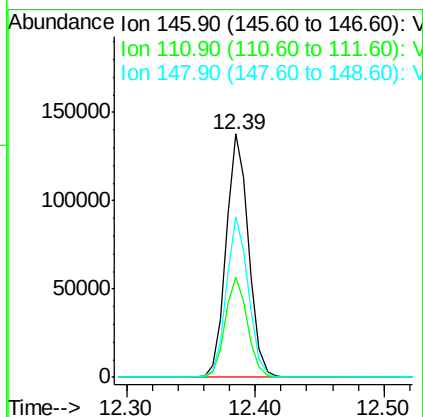
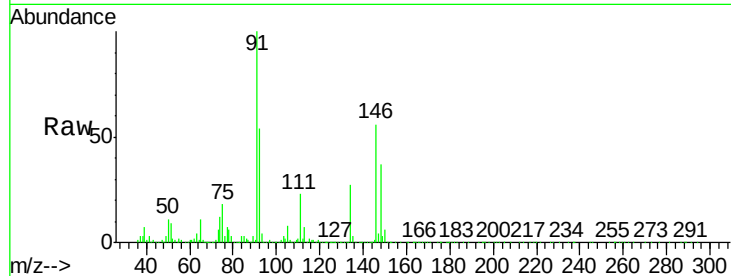




#91
 1,2-Dichlorobenzene
 Concen: 19.371 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

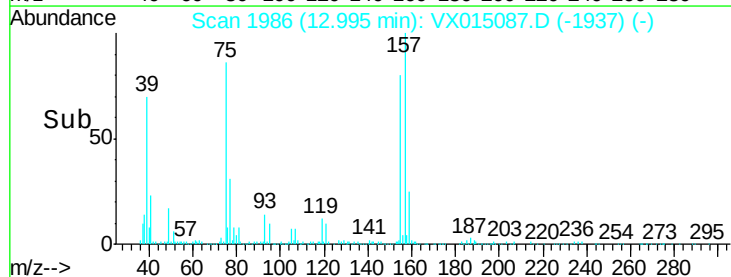
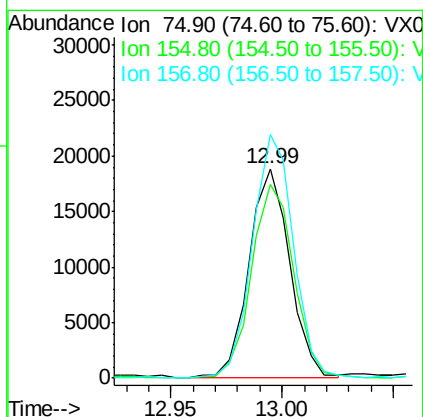
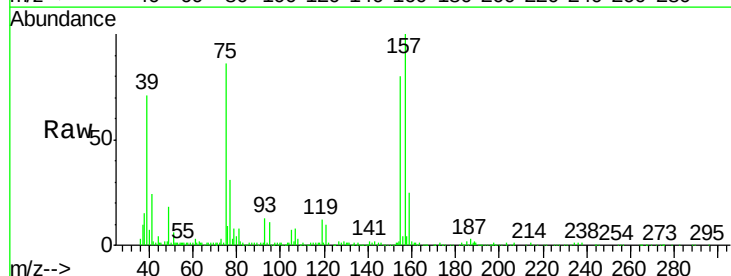
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

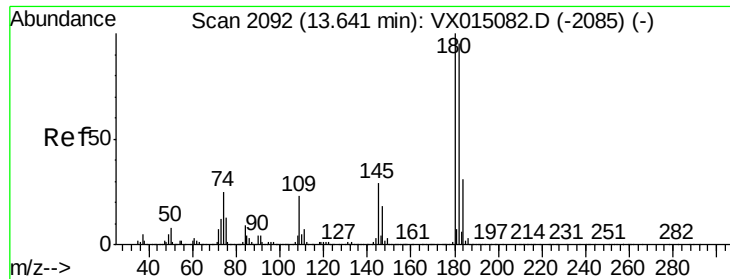
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.7
148	65.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.184 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.6	139.7
157	117.1	59.2	177.5

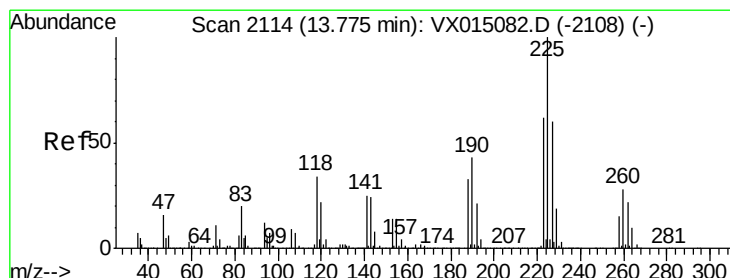
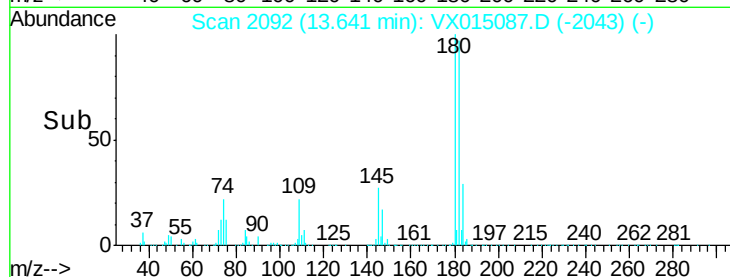
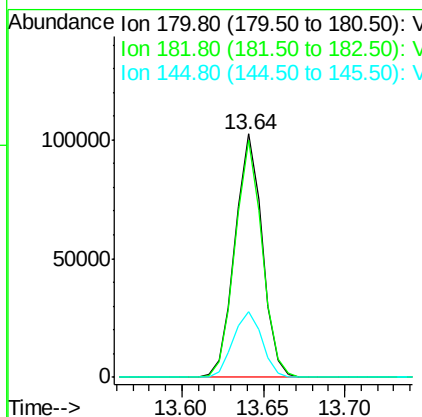
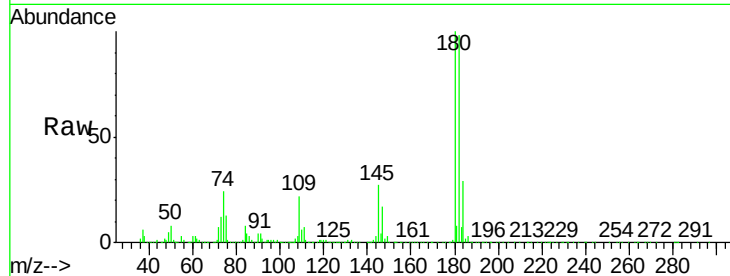




#93
 1,2,4-Trichlorobenzene
 Concen: 19.729 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

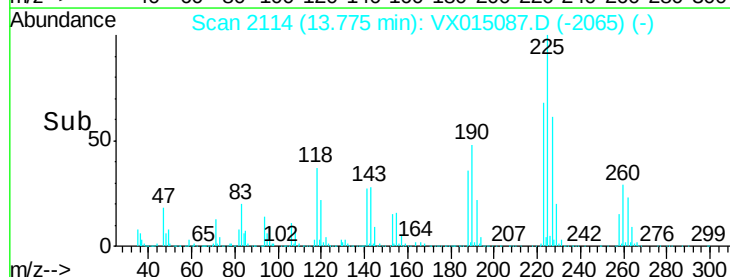
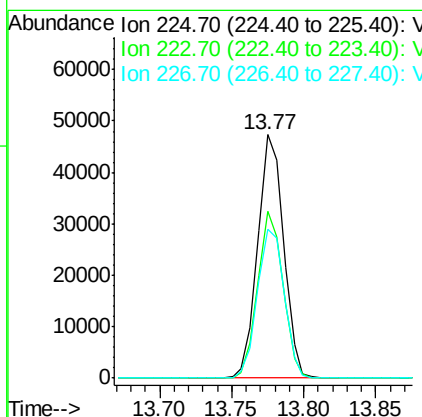
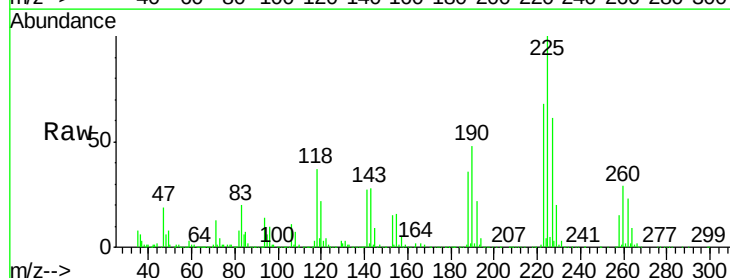
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBS01

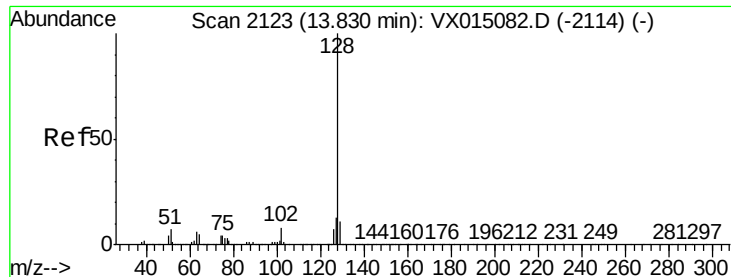
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.6	142.8
145	28.7	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.835 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.3	93.9
227	63.4	31.1	93.2

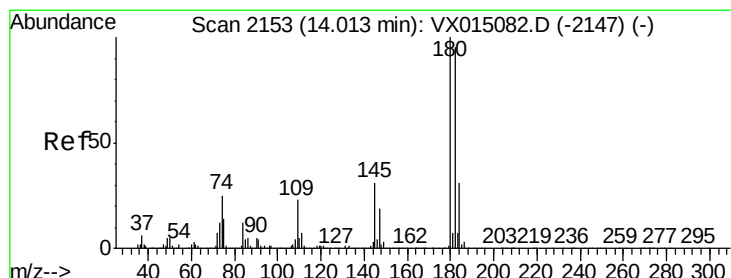
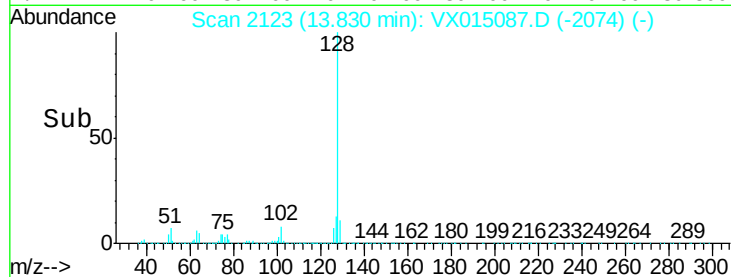
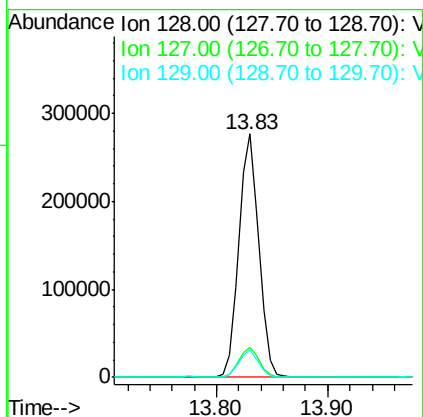
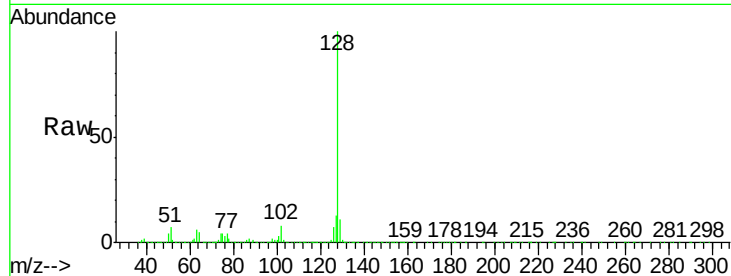




#95
Naphthalene
Concen: 19.363 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.965 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	30.2	15.1	45.3

