

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015133.D
 Acq On : 09 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0309WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Quant Time: Mar 09 14:02:48 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	372499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	517265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214087	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.48	113	174244	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	668514	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	237039	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65789	20.17	ug/l	99
3) Chloromethane	1.31	50	87624	18.96	ug/l	99
4) Vinyl Chloride	1.40	62	87898	18.76	ug/l	97
5) Bromomethane	1.64	94	58336	20.25	ug/l	99
6) Chloroethane	1.72	64	56287	20.03	ug/l	100
7) Trichlorofluoromethane	1.92	101	110357	19.80	ug/l	98
8) Diethyl Ether	2.18	74	49413	19.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69119	19.71	ug/l	98
10) Methyl Iodide	2.50	142	63166	15.94	ug/l	98
11) Tert butyl alcohol	3.03	59	74502	97.17	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68762	19.00	ug/l	95
13) Acrolein	2.28	56	45775	63.53	ug/l	100
14) Allyl chloride	2.72	41	128073	20.29	ug/l	95
15) Acrylonitrile	3.13	53	198202	103.80	ug/l	97
16) Acetone	2.44	43	168347	94.06	ug/l	98
17) Carbon Disulfide	2.56	76	186320	18.53	ug/l	100
18) Methyl Acetate	2.76	43	86471	19.76	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224187	19.82	ug/l	97
20) Methylene Chloride	2.84	84	77819	18.58	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74133	19.18	ug/l	97
22) Diisopropyl ether	3.84	45	273384	21.74	ug/l	93
23) Vinyl Acetate	3.80	43	1122743	108.62	ug/l	99
24) 1,1-Dichloroethane	3.69	63	141727	20.31	ug/l	98
25) 2-Butanone	4.65	43	270317	103.17	ug/l	100
26) 2,2-Dichloropropane	4.57	77	114833	20.73	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	87584	20.20	ug/l	99
28) Bromochloromethane	5.00	49	65240	20.53	ug/l	99
29) Tetrahydrofuran	5.11	42	166808	98.76	ug/l	99
30) Chloroform	5.20	83	138882	20.42	ug/l	94
31) Cyclohexane	5.57	56	125553	20.17	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	117729	20.88	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106653	20.35	ug/l	99
37) Ethyl Acetate	4.82	43	108127	22.24	ug/l	98
38) Carbon Tetrachloride	5.78	117	99494	20.11	ug/l	99

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Quant Time: Mar 09 14:02:48 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)
39) Methylcyclohexane	7.45	83	127672	20.86	ug/l	99
40) Benzene	6.13	78	317832	20.44	ug/l	98
41) Methacrylonitrile	5.02	41	59624	20.42	ug/l	98
42) 1,2-Dichloroethane	6.18	62	114106	21.37	ug/l	98
43) Isopropyl Acetate	6.43	43	175609	20.54	ug/l	99
44) Trichloroethene	7.20	130	86734	20.03	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82243	20.44	ug/l	99
46) Dibromomethane	7.65	93	52756	20.12	ug/l	99
47) Bromodichloromethane	7.89	83	107266	20.69	ug/l	99
48) Methyl methacrylate	7.76	41	85518	19.65	ug/l	99
49) 1,4-Dioxane	7.75	88	36730	390.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	534157	105.64	ug/l	99
52) Toluene	8.78	92	198729	20.90	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	116504	21.11	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129772	20.80	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	78937	20.17	ug/l	98
56) Ethyl methacrylate	9.17	69	116801	20.93	ug/l	98
57) 1,3-Dichloropropane	9.36	76	137780	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302397	99.46	ug/l	99
59) 2-Hexanone	9.48	43	399537	106.61	ug/l	99
60) Dibromochloromethane	9.57	129	84828	20.64	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82486	20.07	ug/l	99
64) Tetrachloroethene	9.33	164	85913	20.09	ug/l	97
65) Chlorobenzene	10.13	112	214476	20.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	81300	20.76	ug/l	98
67) Ethyl Benzene	10.25	91	370906	21.03	ug/l	100
68) m/p-Xylenes	10.35	106	281539	41.96	ug/l	98
69) o-Xylene	10.70	106	133393	20.77	ug/l	98
70) Styrene	10.71	104	229720	20.86	ug/l	99
71) Bromoform	10.85	173	61510	20.26	ug/l	99
73) Isopropylbenzene	11.01	105	366562	21.35	ug/l	100
74) N-amyl acetate	10.89	43	145587	20.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116088	20.29	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130673	24.37	ug/l	80
77) Bromobenzene	11.25	156	97674	20.41	ug/l	98
78) n-propylbenzene	11.35	91	425406	21.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	249819	21.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	305605	21.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36825	19.49	ug/l	96
82) 4-Chlorotoluene	11.51	91	285290	20.61	ug/l	100
83) tert-Butylbenzene	11.76	119	291617	21.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	310541	21.62	ug/l	100
85) sec-Butylbenzene	11.94	105	359478	21.54	ug/l	99
86) p-Isopropyltoluene	12.06	119	329547	21.44	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	171390	20.37	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	172225	19.83	ug/l	100
89) n-Butylbenzene	12.39	91	289872	21.20	ug/l	99
90) Hexachloroethane	12.59	117	58690	20.19	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	169932	20.32	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22839	19.93	ug/l	96

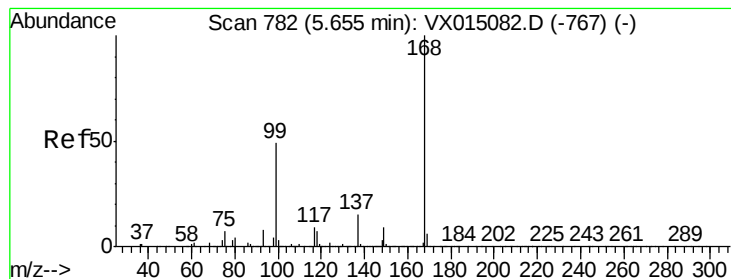
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119743	20.62	ug/l	99
94) Hexachlorobutadiene	13.78	225	60698	20.37	ug/l	99
95) Naphthalene	13.83	128	327995	19.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118761	20.50	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

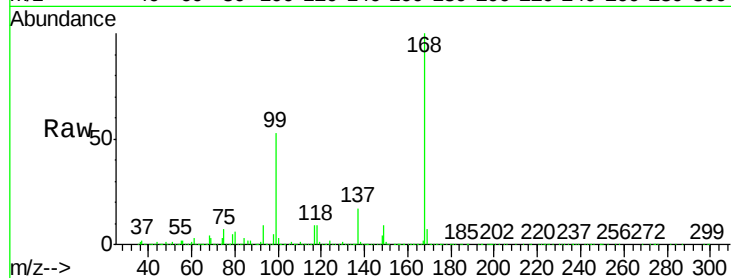
VX0309WBS01

Tgt Ion:168 Resp: 372499

Ion Ratio Lower Upper

168 100

99 52.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

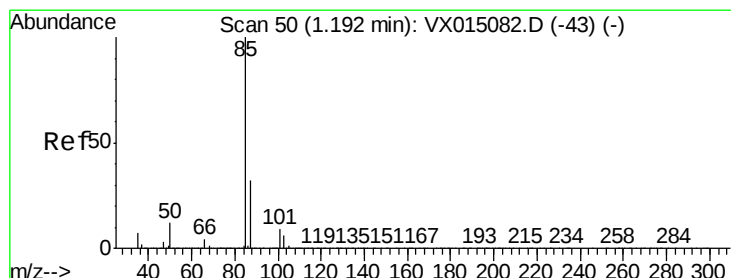
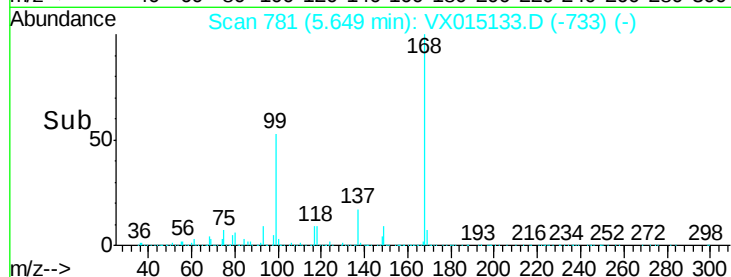
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.17 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015133.D

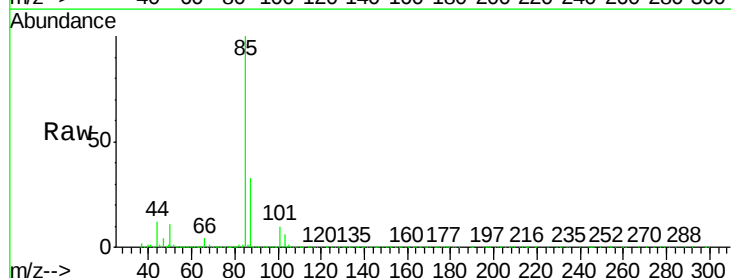
Acq: 09 Mar 2020 11:24

Tgt Ion: 85 Resp: 65789

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

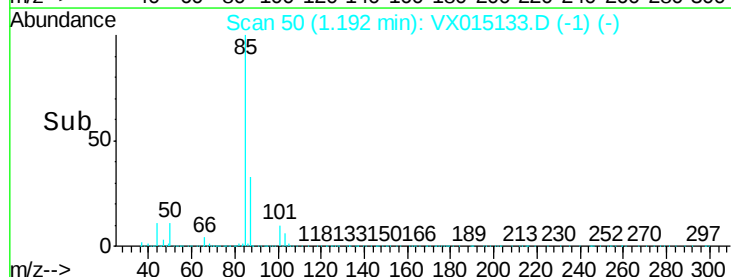
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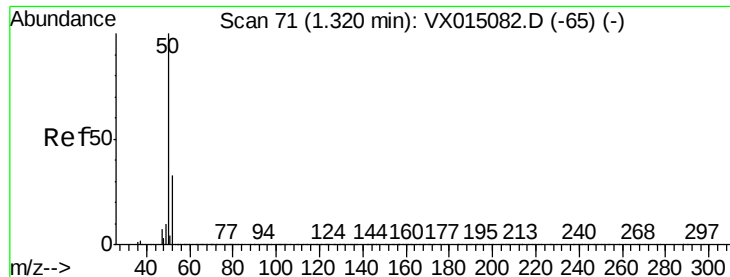
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20000

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Time-->





#3

Chloromethane

Concen: 18.96 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

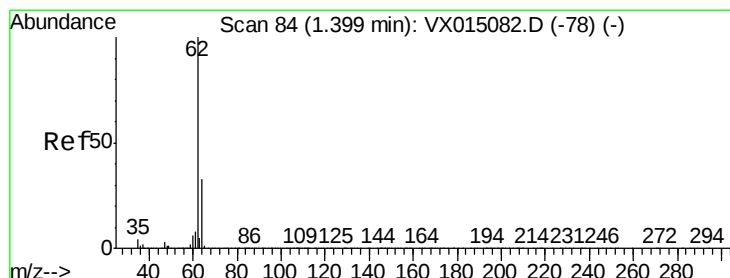
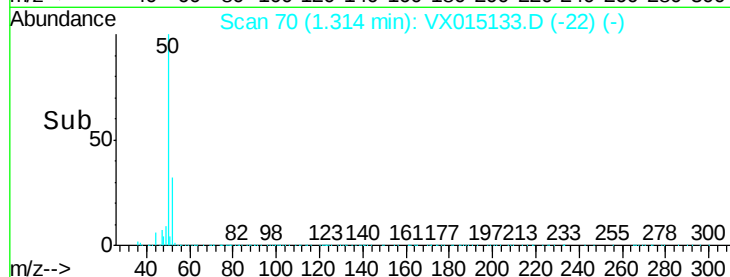
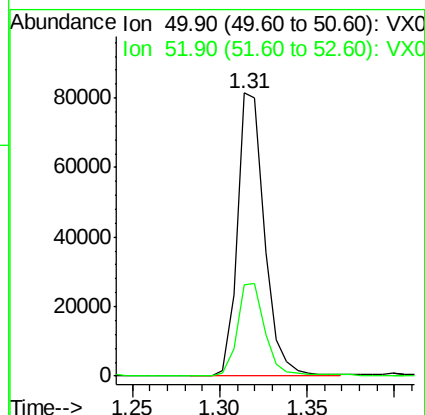
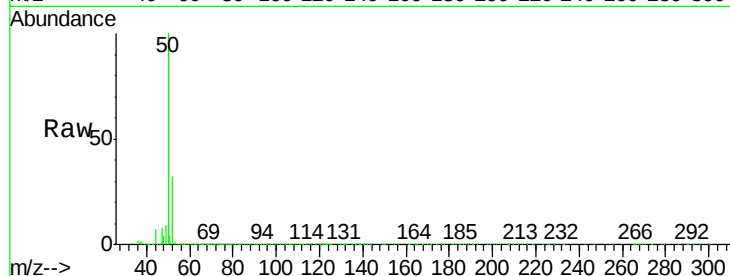
VX0309WBS01

Tgt Ion: 50 Resp: 87624

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 18.76 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015133.D

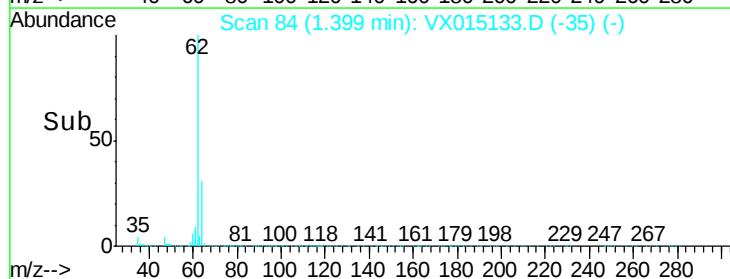
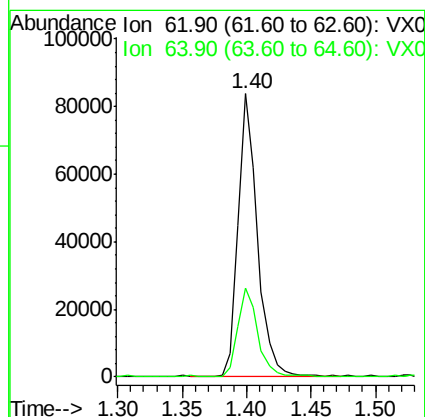
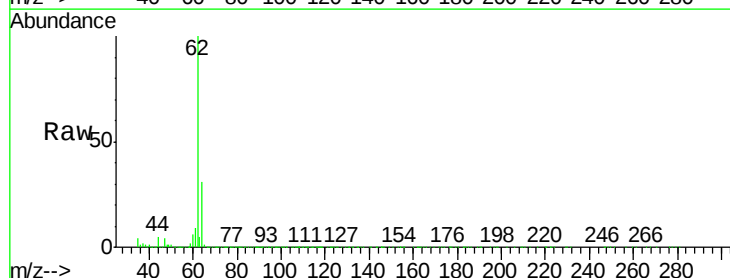
Acq: 09 Mar 2020 11:24

Tgt Ion: 62 Resp: 87898

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1





#5

Bromomethane

Concen: 20.25 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

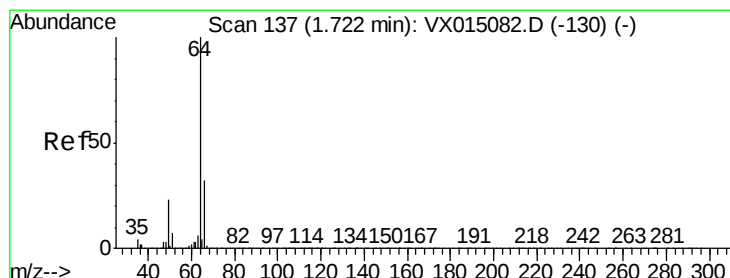
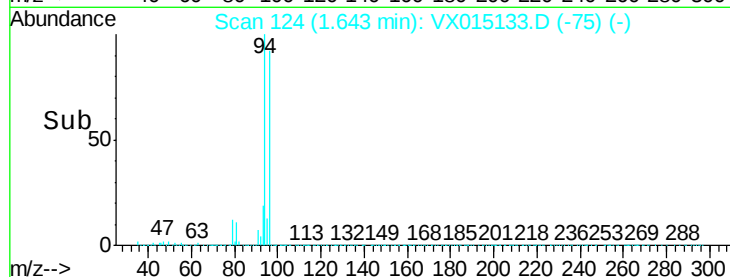
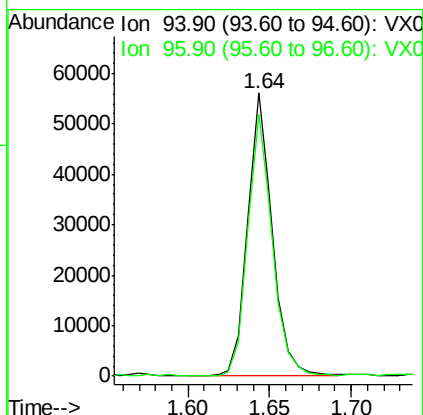
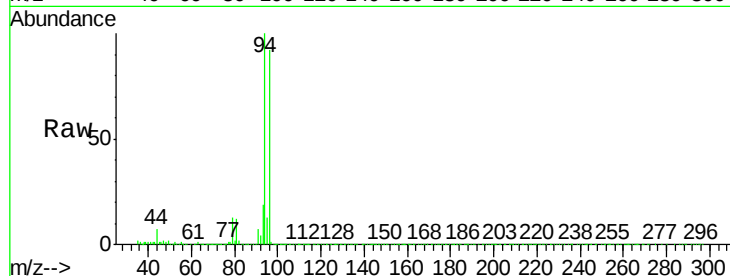
VX0309WBS01

Tgt Ion: 94 Resp: 58336

Ion Ratio Lower Upper

94 100

96 92.3 74.6 111.8



#6

Chloroethane

Concen: 20.03 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015133.D

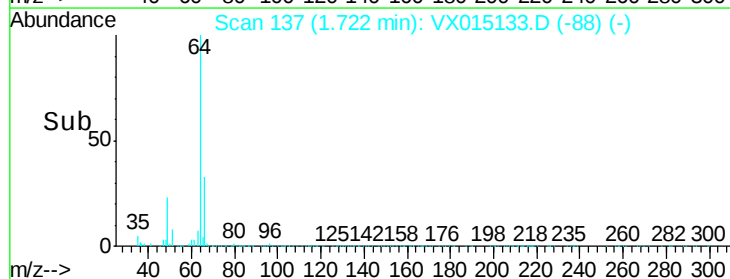
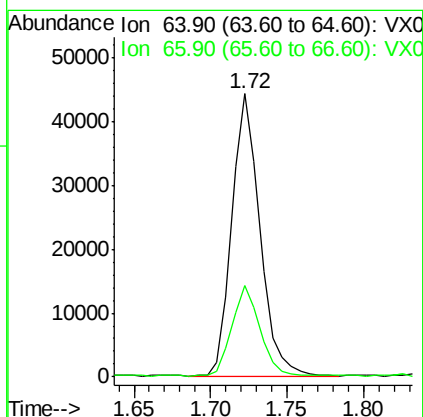
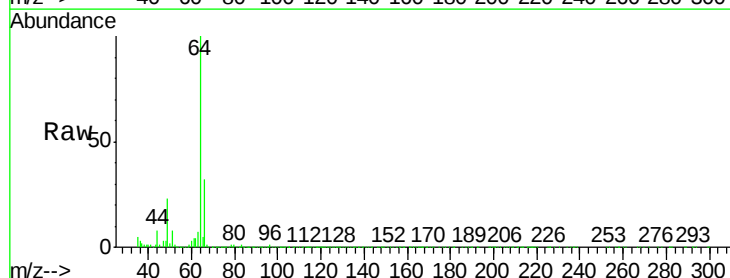
Acq: 09 Mar 2020 11:24

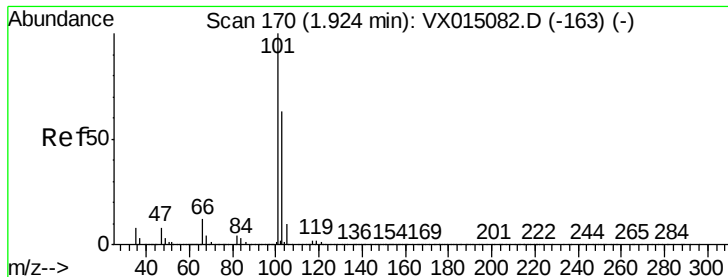
Tgt Ion: 64 Resp: 56287

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8





#7

Trichlorofluoromethane

Concen: 19.80 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

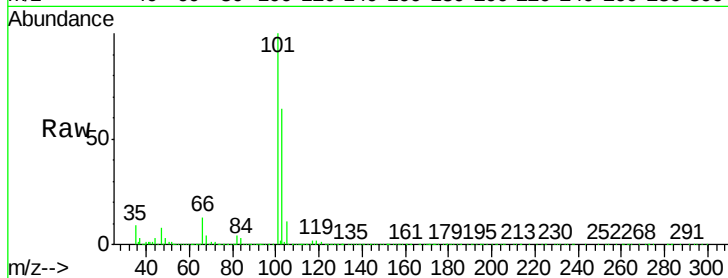
VX0309WBS01

Tgt Ion:101 Resp: 110357

Ion Ratio Lower Upper

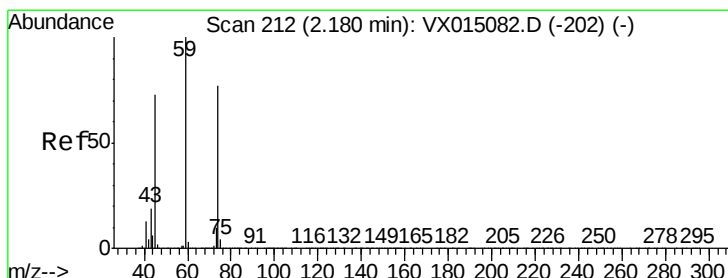
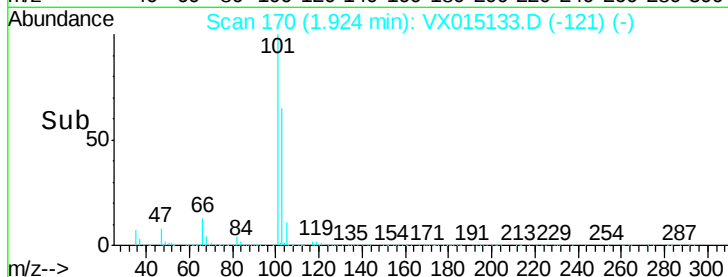
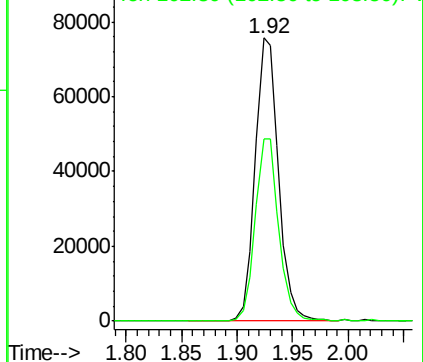
101 100

103 64.4 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.57 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015133.D

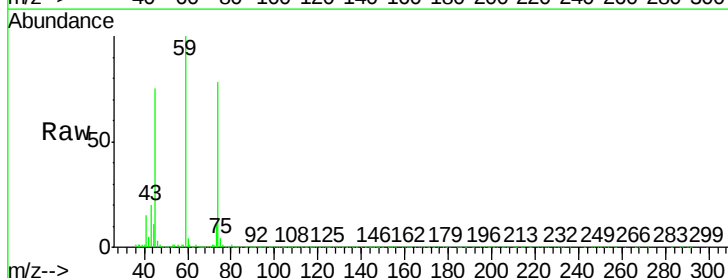
Acq: 09 Mar 2020 11:24

Tgt Ion: 74 Resp: 49413

Ion Ratio Lower Upper

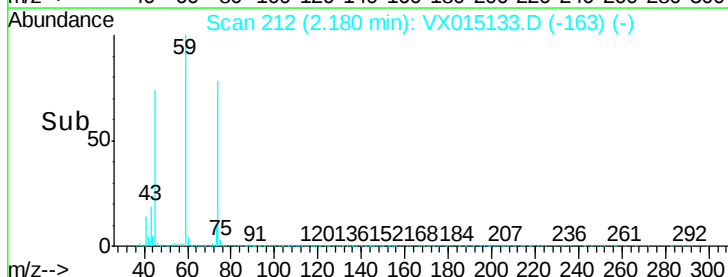
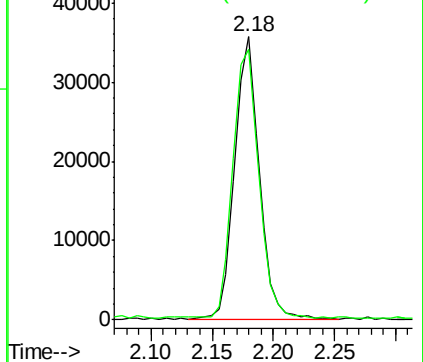
74 100

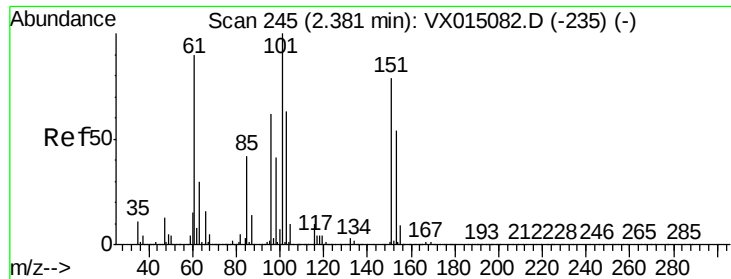
45 100.9 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.71 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

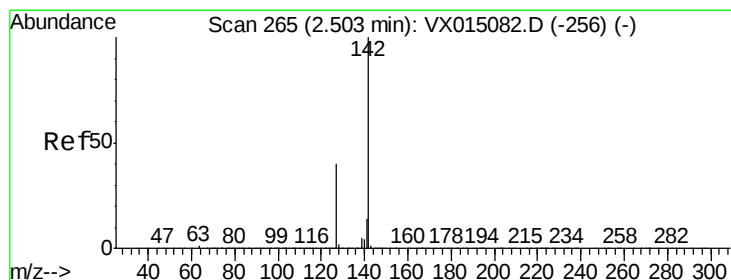
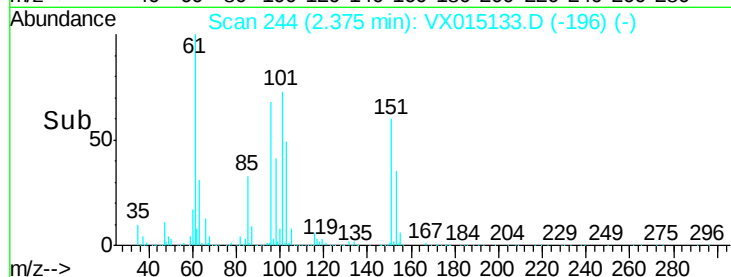
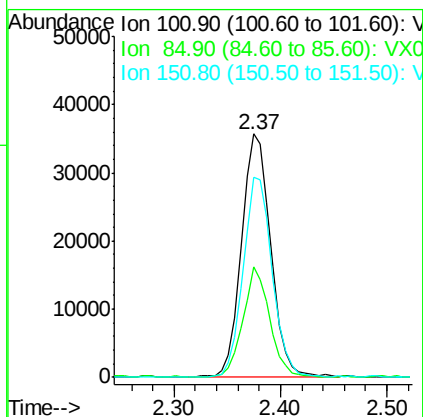
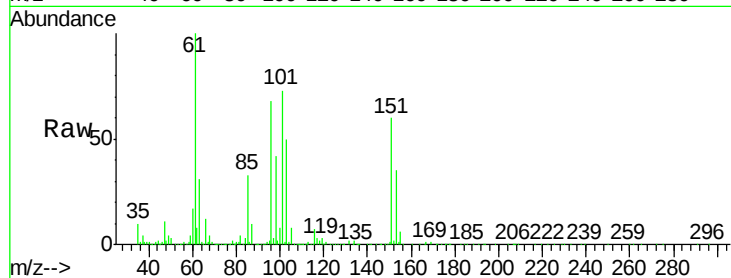
Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tgt Ion:	101	Resp:	69119
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.7	50.5
151	81.8	64.0	96.0



#10

Methyl Iodide

Concen: 15.94 ug/l

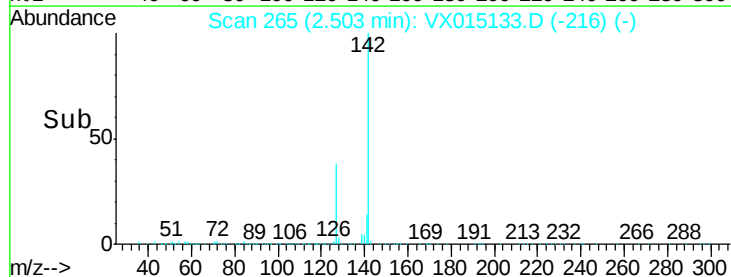
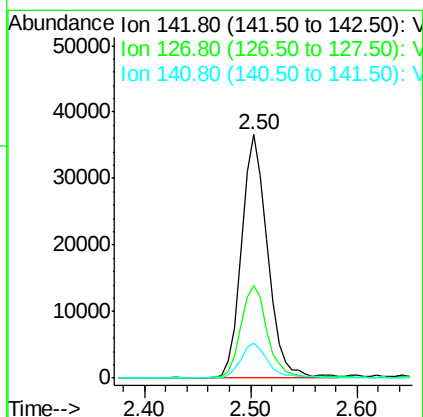
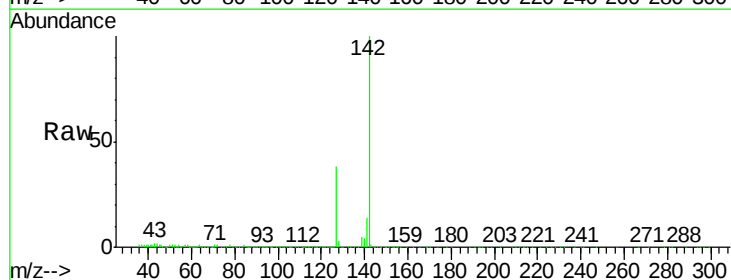
RT: 2.50 min Scan# 265

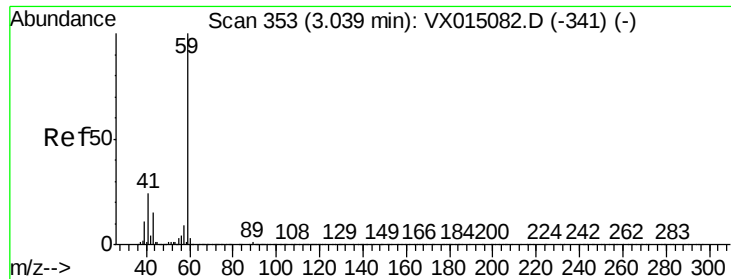
Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	142	Resp:	63166
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.7	47.5
141	15.3	11.3	16.9



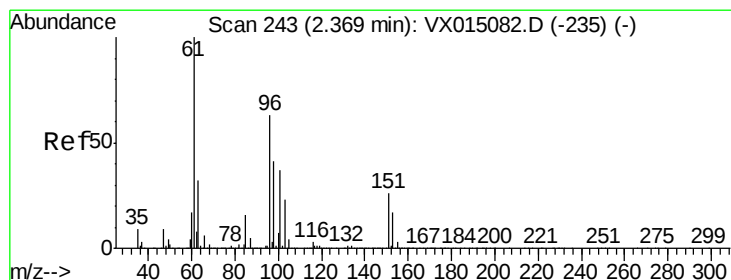
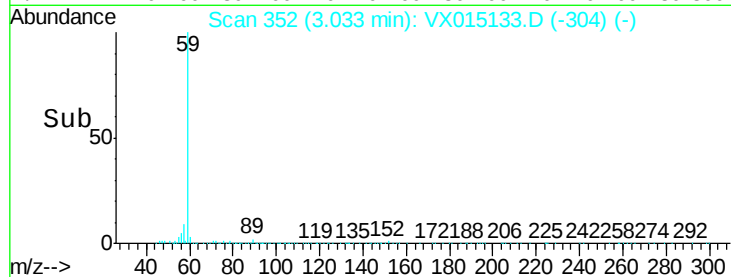
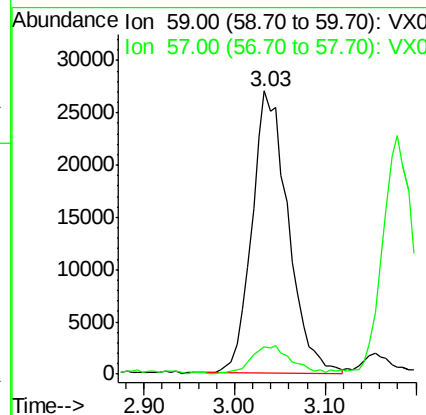
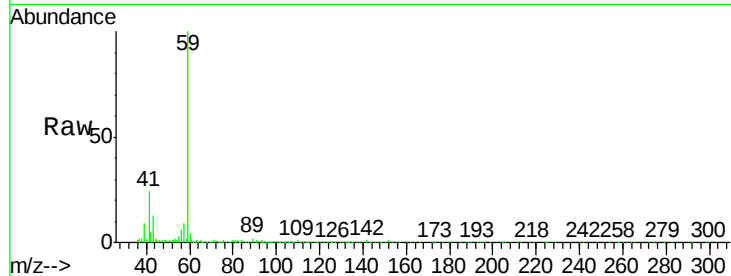


#11

Tert butyl alcohol
 Concen: 97.17 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

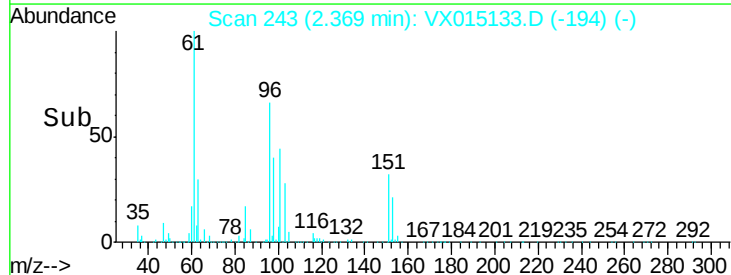
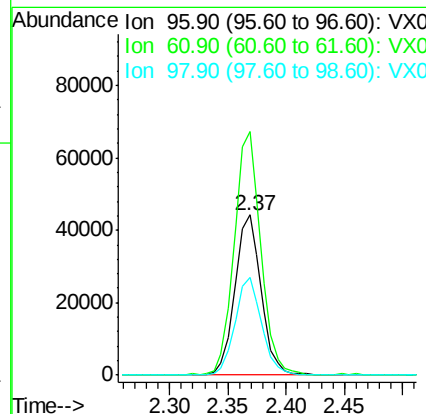
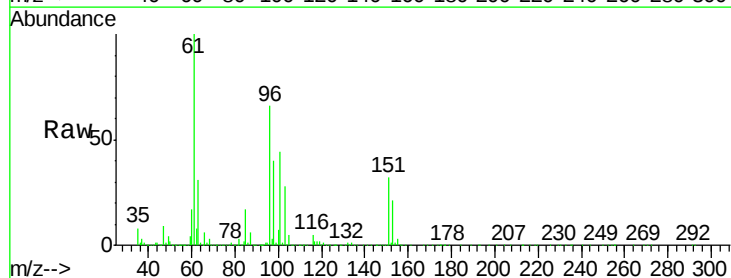
Tgt Ion: 59 Resp: 74502
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

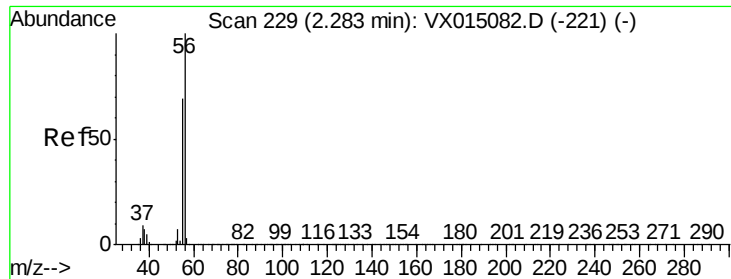


#12

1,1-Dichloroethene
 Concen: 19.00 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion: 96 Resp: 68762
 Ion Ratio Lower Upper
 96 100
 61 151.5 126.2 189.4
 98 61.2 51.4 77.0





#13

Acrolein

Concen: 63.53 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

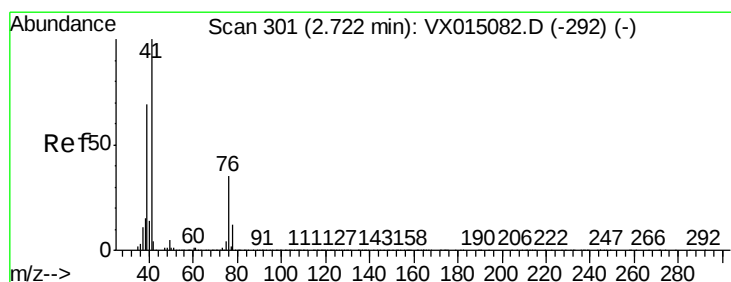
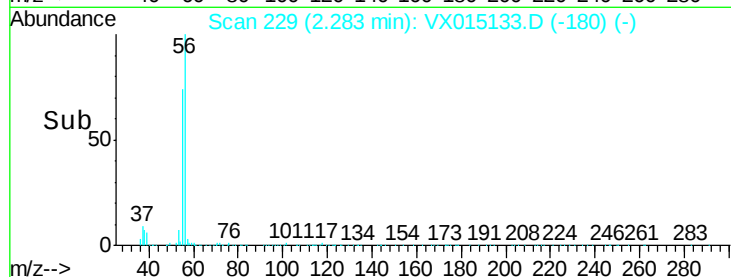
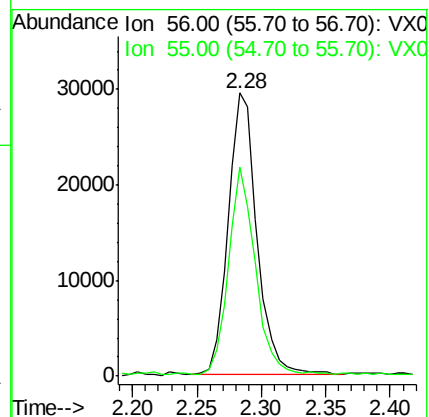
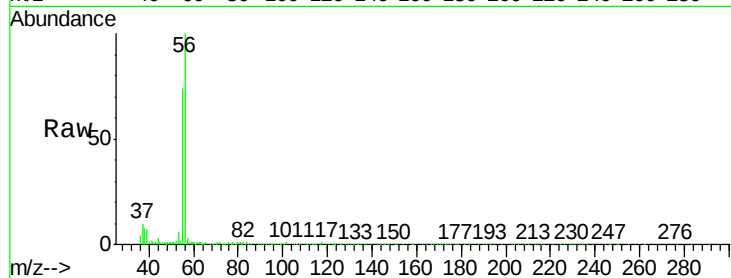
VX0309WBS01

Tgt Ion: 56 Resp: 45775

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.0



#14

Allyl chloride

Concen: 20.29 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

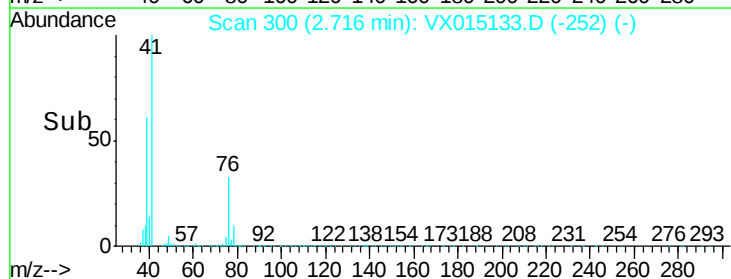
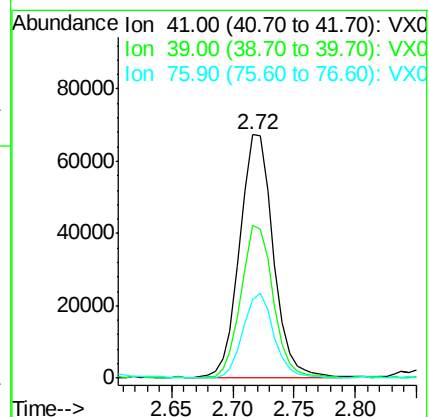
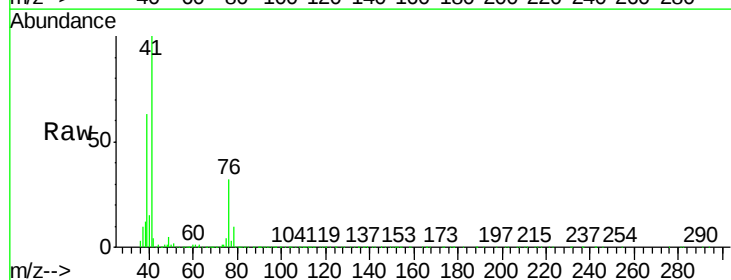
Tgt Ion: 41 Resp: 128073

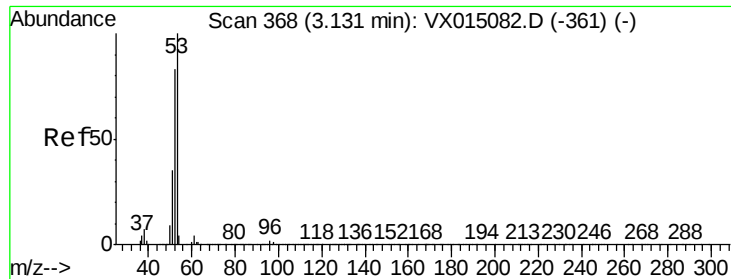
Ion Ratio Lower Upper

41 100

39 60.9 52.9 79.3

76 31.6 26.8 40.2

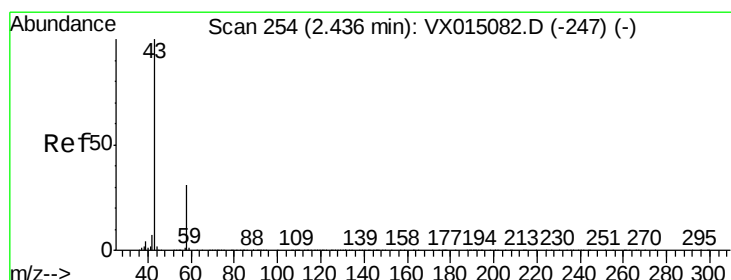
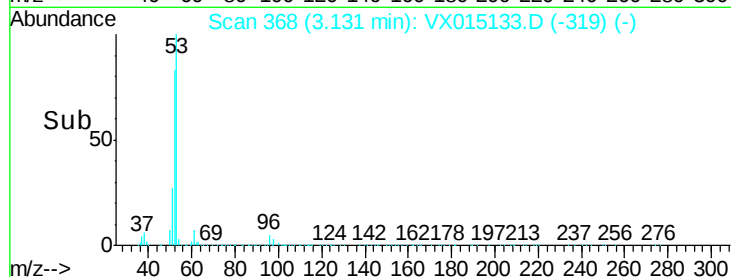
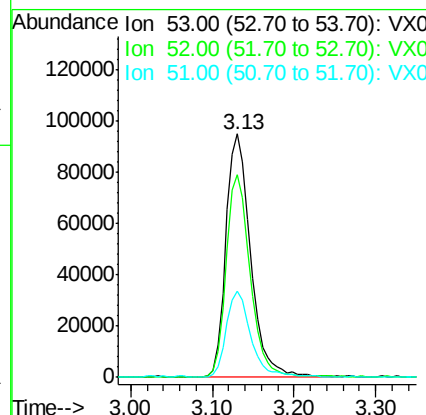
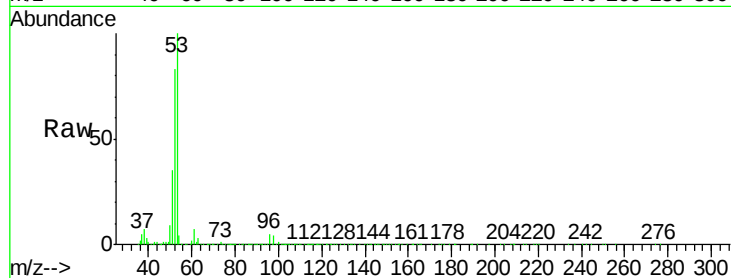




#15
 Acrylonitrile
 Concen: 103.80 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

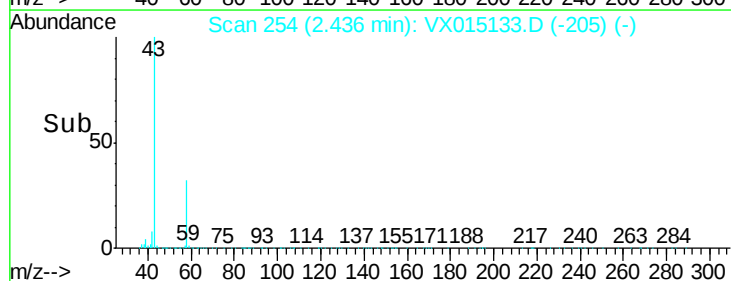
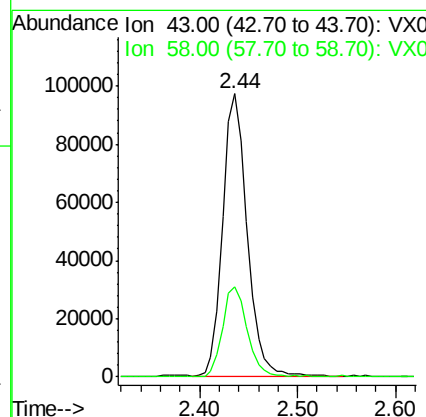
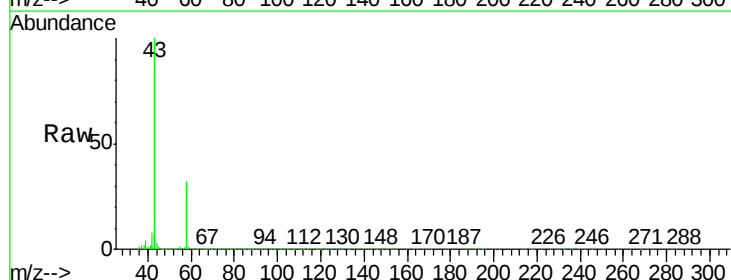
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

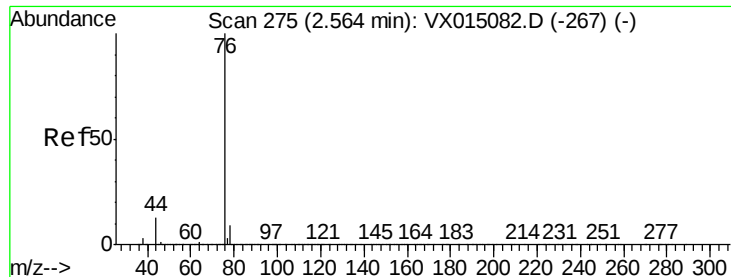
Tgt Ion: 53 Resp: 198202
 Ion Ratio Lower Upper
 53 100
 52 80.9 66.6 100.0
 51 34.9 29.0 43.6



#16
 Acetone
 Concen: 94.06 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion: 43 Resp: 168347
 Ion Ratio Lower Upper
 43 100
 58 31.8 24.8 37.2

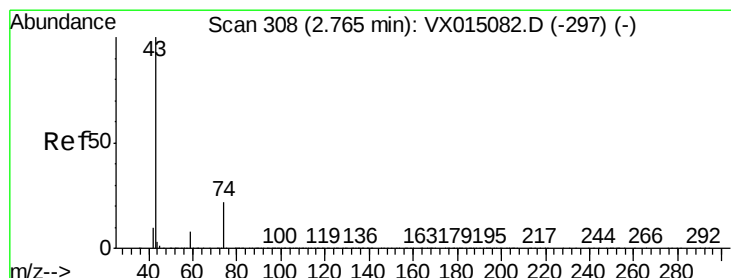
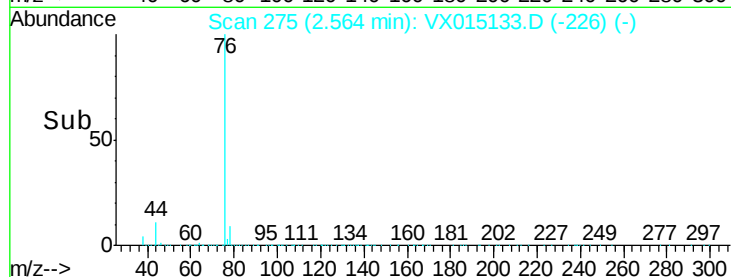
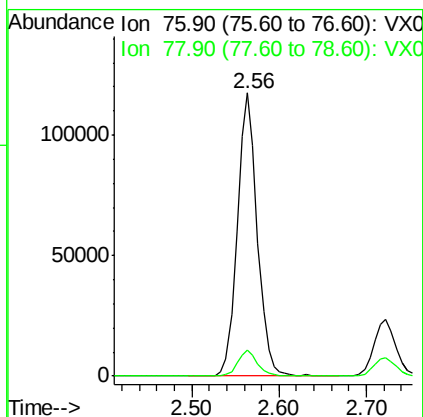
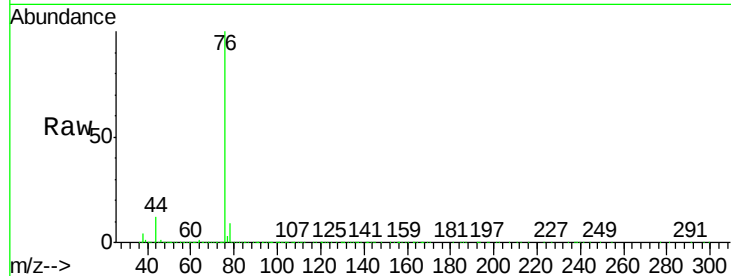




#17
Carbon Disulfide
Concen: 18.53 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

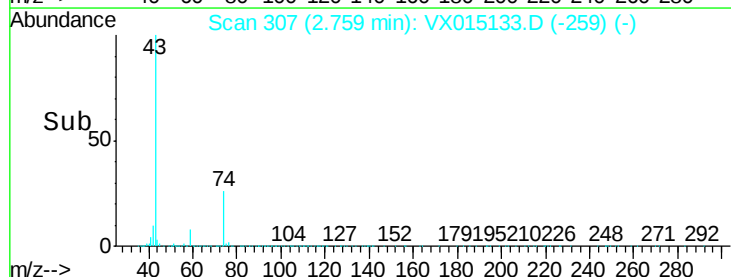
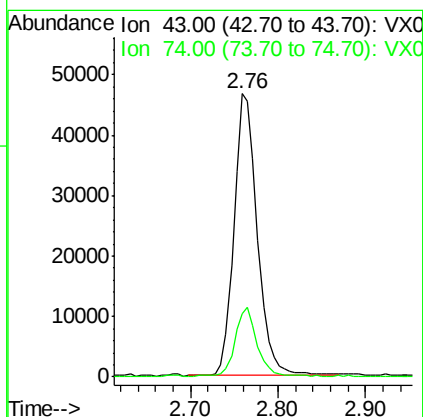
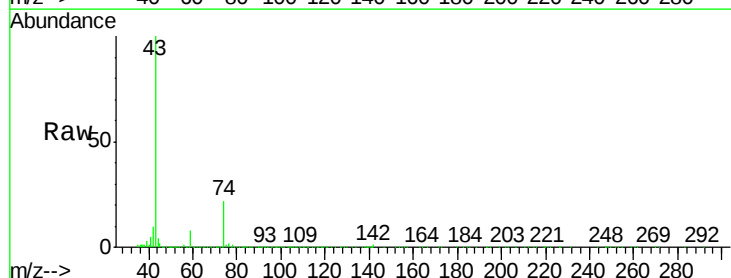
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

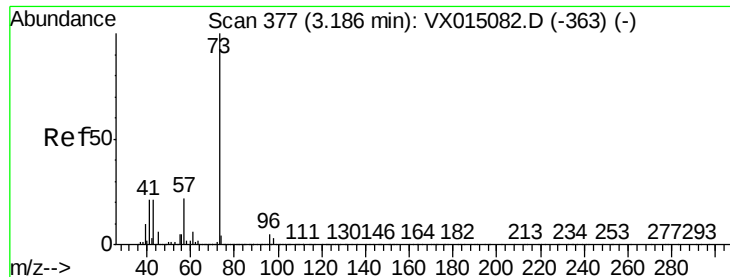
Tgt Ion: 76 Resp: 186320
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.76 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 43 Resp: 86471
Ion Ratio Lower Upper
43 100
74 23.6 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 19.82 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

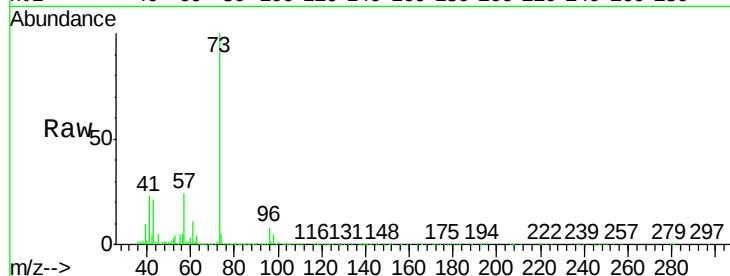
VX0309WBS01

Tgt Ion: 73 Resp: 224187

Ion Ratio Lower Upper

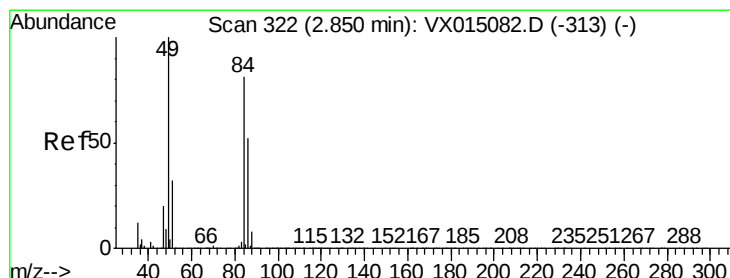
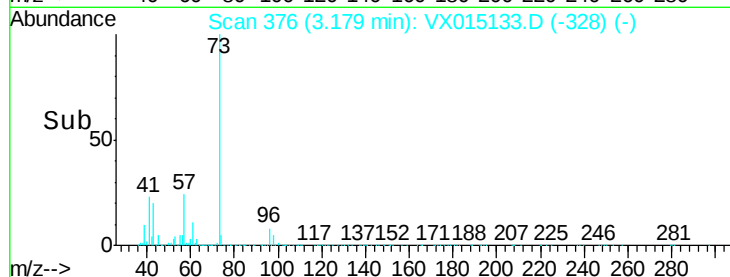
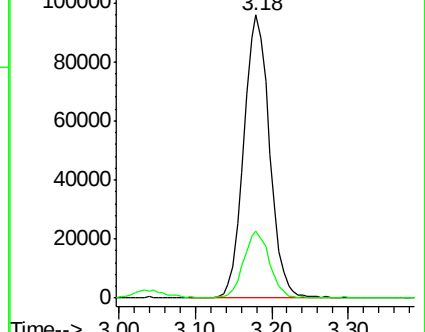
73 100

57 23.6 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.58 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion: 84 Resp: 77819

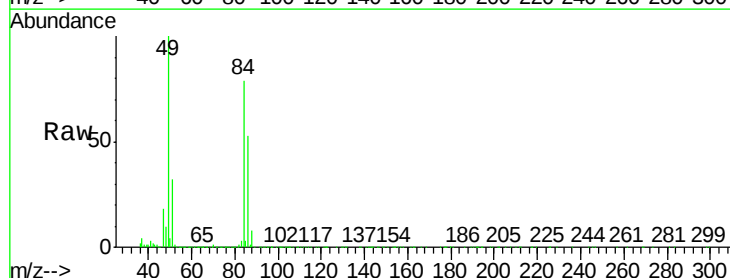
Ion Ratio Lower Upper

84 100

49 127.1 99.4 149.2

51 40.3 31.5 47.3

86 67.1 51.6 77.4

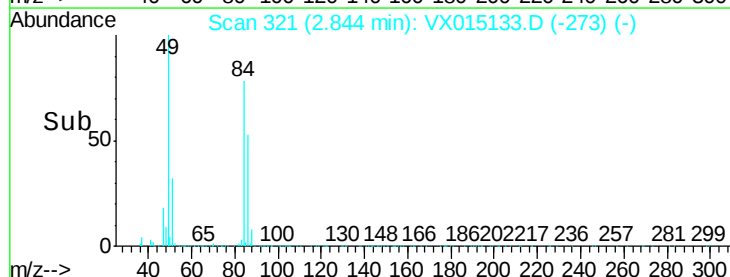
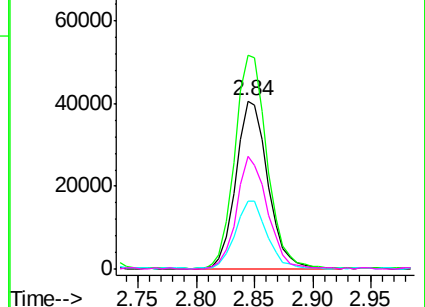


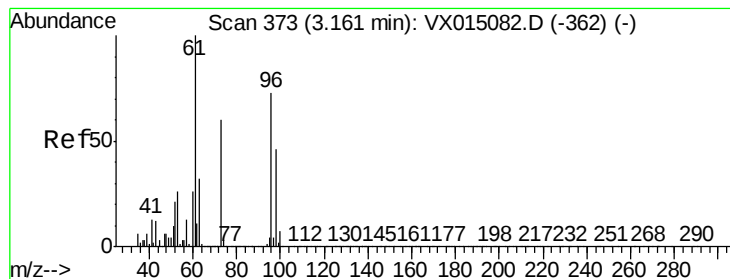
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.18 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

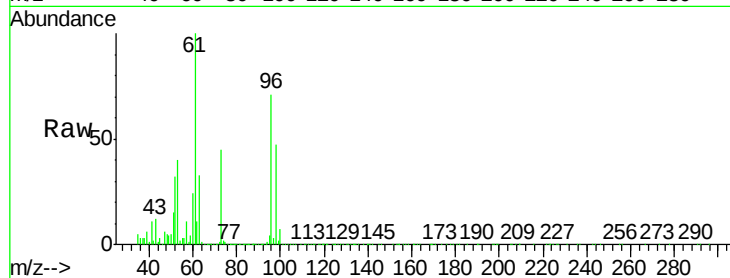
Tgt Ion: 96 Resp: 74133

Ion Ratio Lower Upper

96 100

61 140.5 109.9 164.9

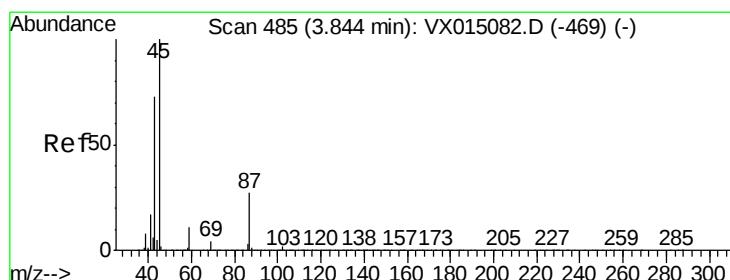
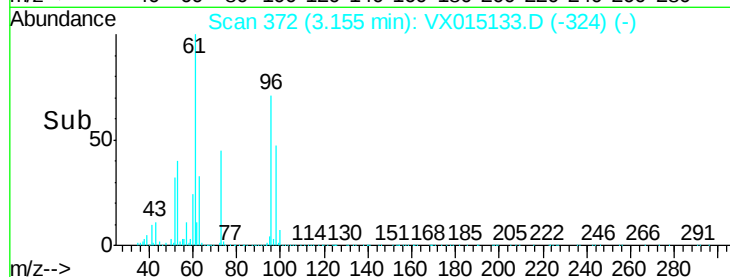
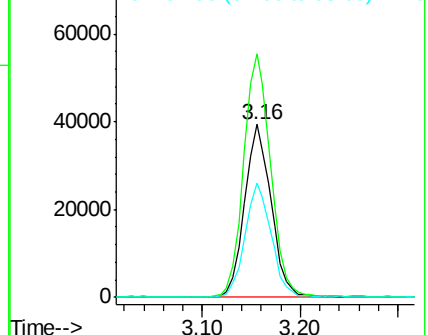
98 65.4 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.74 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion: 45 Resp: 273384

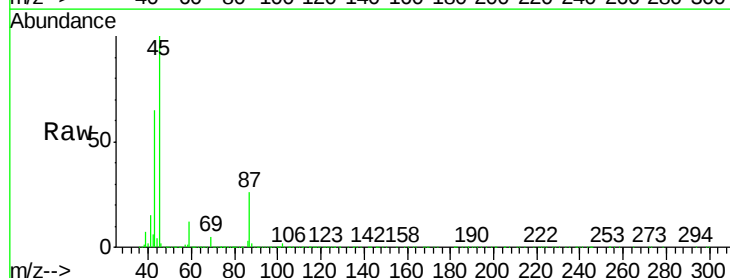
Ion Ratio Lower Upper

45 100

43 64.0 58.2 87.2

87 26.4 21.2 31.8

59 11.6 8.9 13.3

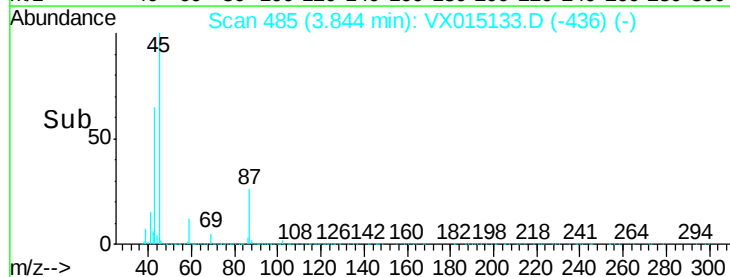
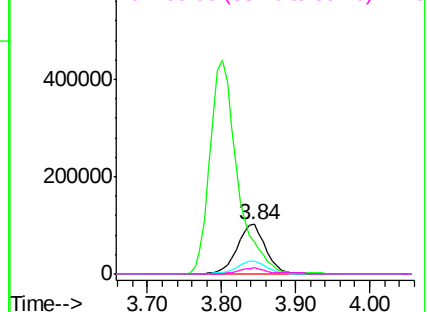


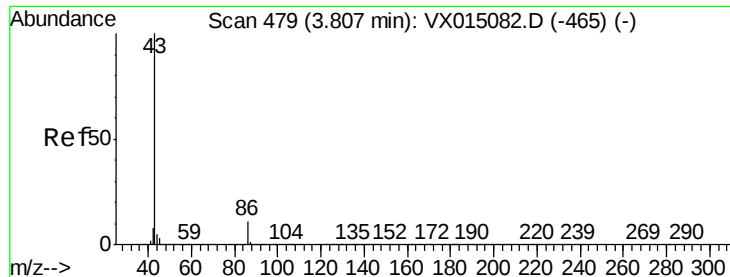
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.62 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

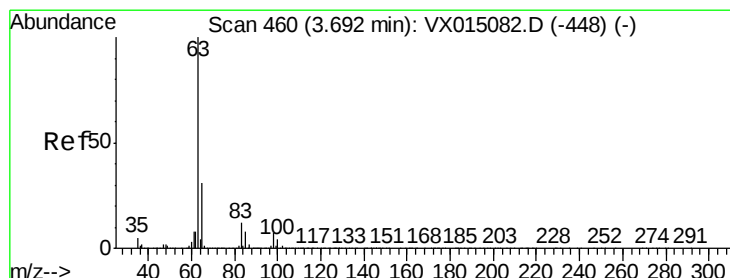
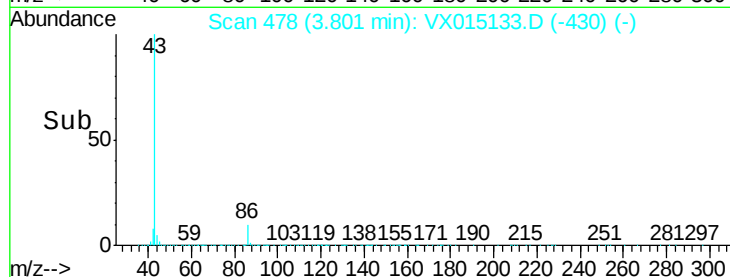
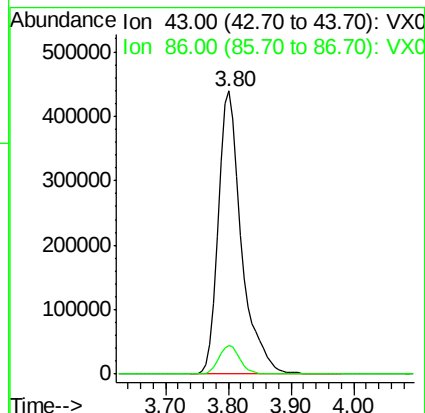
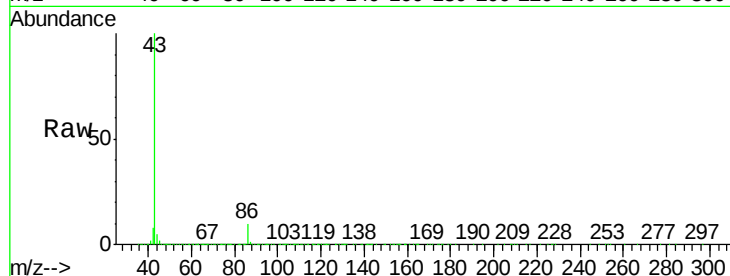
VX0309WBS01

Tgt Ion: 43 Resp: 1122743

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.31 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

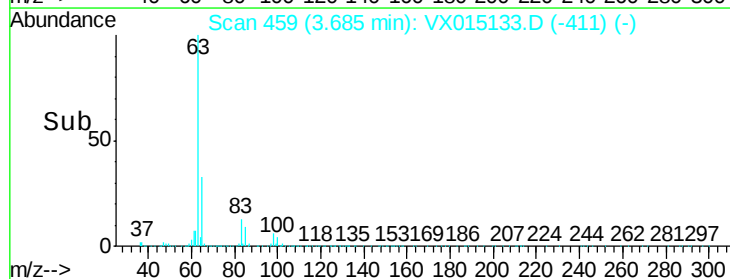
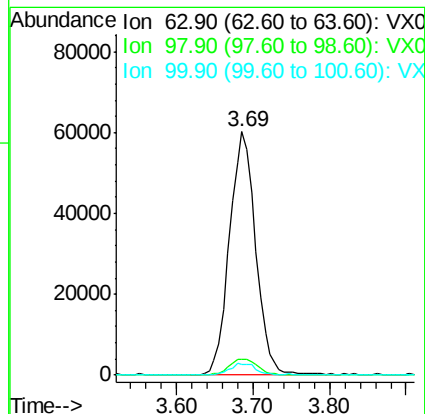
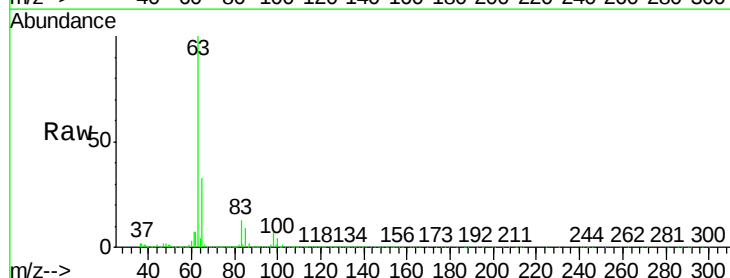
Tgt Ion: 63 Resp: 141727

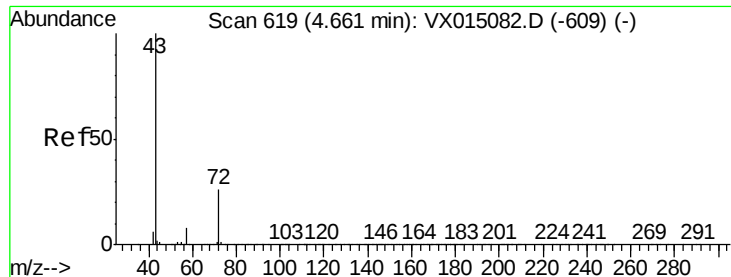
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 103.17 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

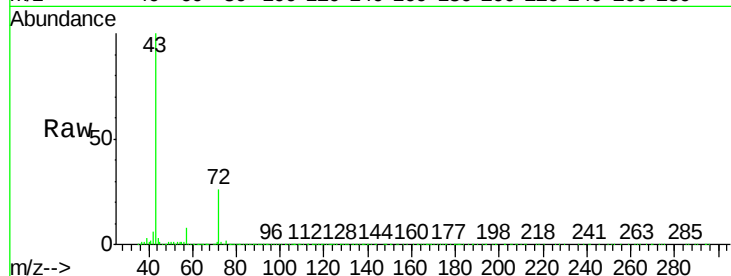
VX0309WBS01

Tgt Ion: 43 Resp: 270317

Ion Ratio Lower Upper

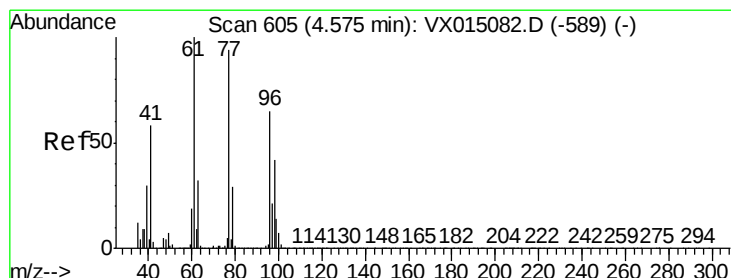
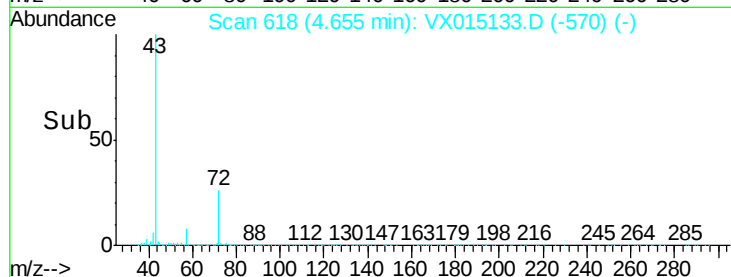
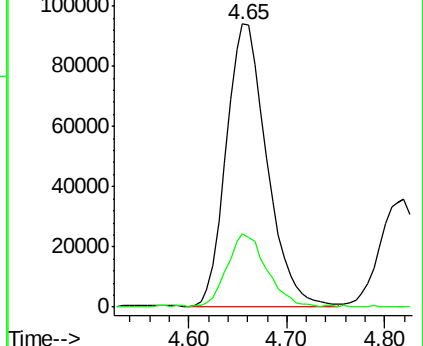
43 100

72 25.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.73 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015133.D

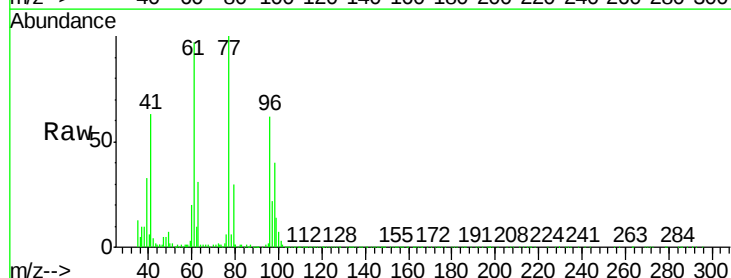
Acq: 09 Mar 2020 11:24

Tgt Ion: 77 Resp: 114833

Ion Ratio Lower Upper

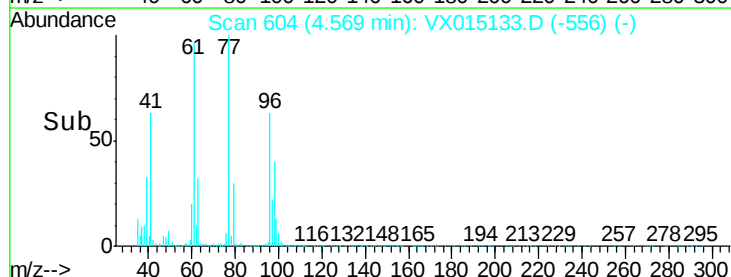
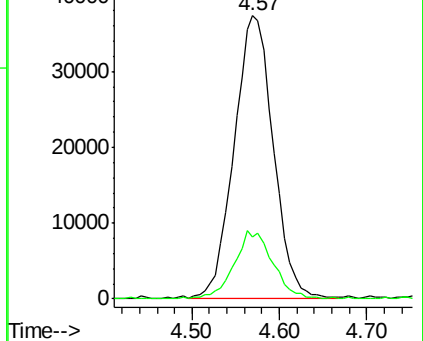
77 100

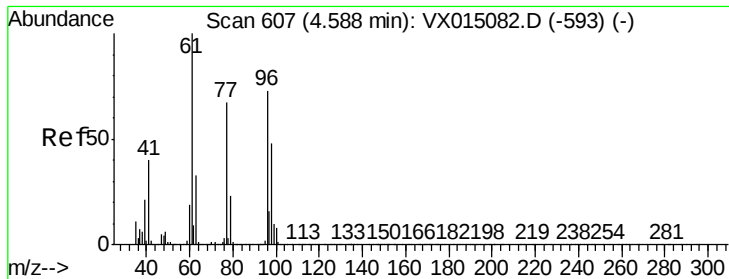
97 23.3 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



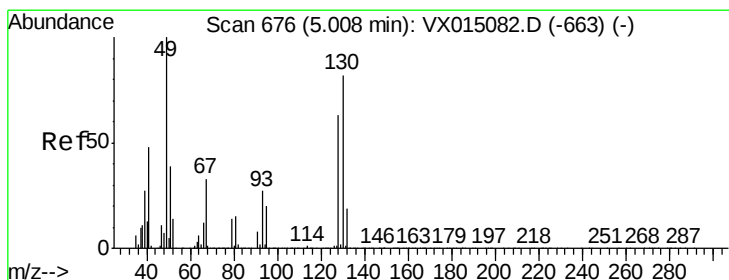
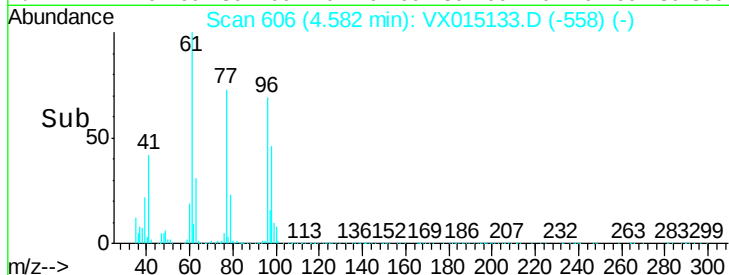
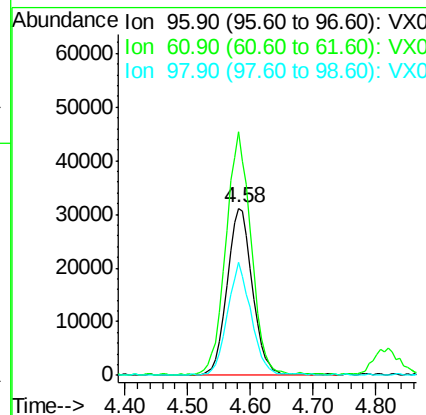
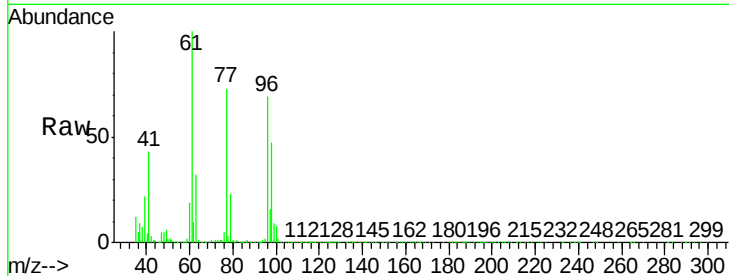


#27

cis-1,2-Dichloroethene
Concen: 20.20 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

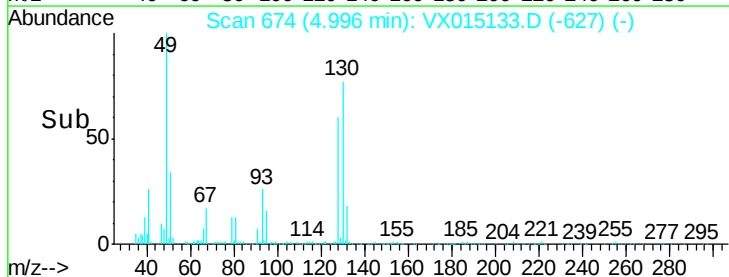
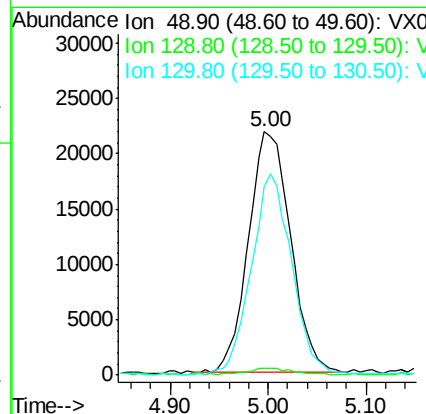
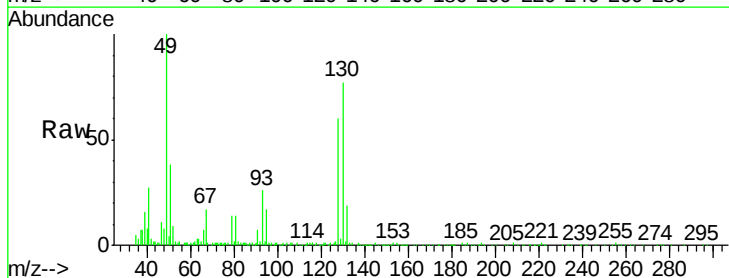
Tgt Ion: 96 Resp: 87584
Ion Ratio Lower Upper
96 100
61 143.0 0.0 286.8
98 62.9 0.0 128.4

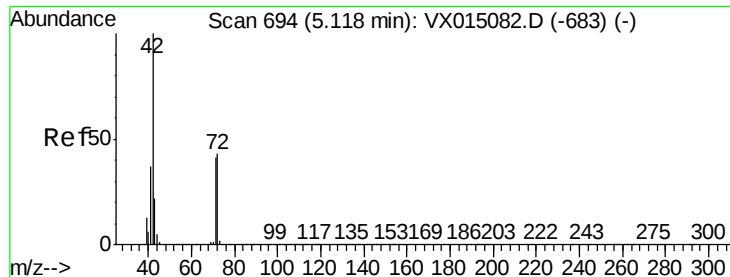


#28

Bromochloromethane
Concen: 20.53 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 49 Resp: 65240
Ion Ratio Lower Upper
49 100
129 3.4 0.0 4.4
130 80.4 65.0 97.6





#29

Tetrahydrofuran

Concen: 98.76 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

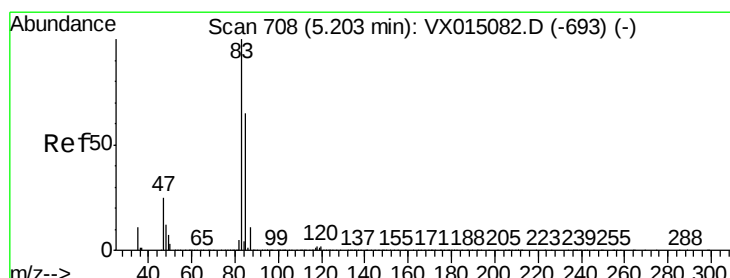
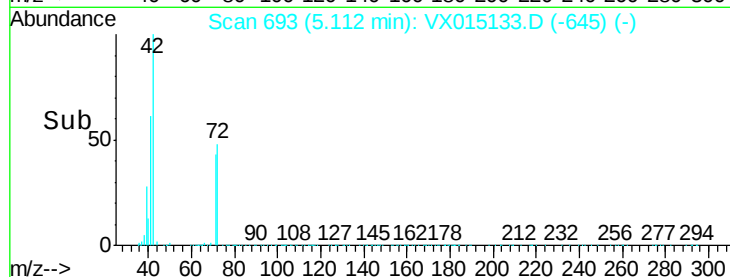
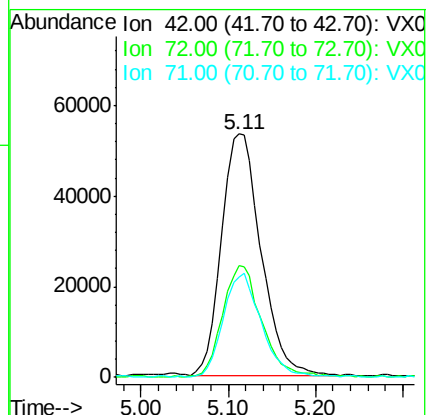
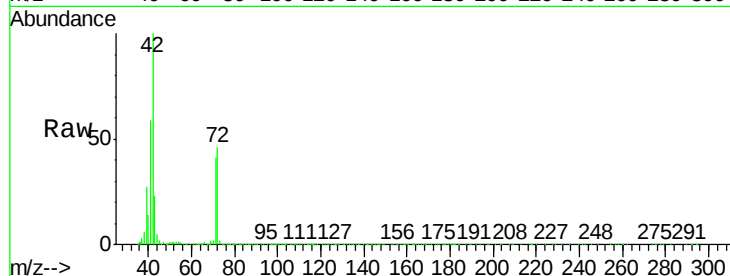
Tgt Ion: 42 Resp: 166808

Ion Ratio Lower Upper

42 100

72 45.8 36.4 54.6

71 41.0 33.3 49.9



#30

Chloroform

Concen: 20.42 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015133.D

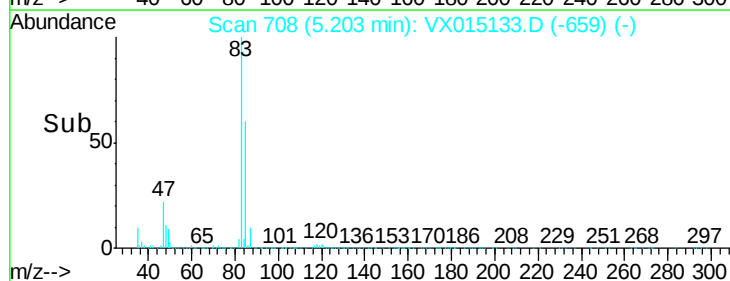
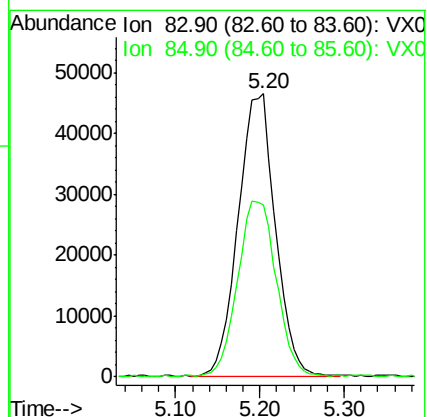
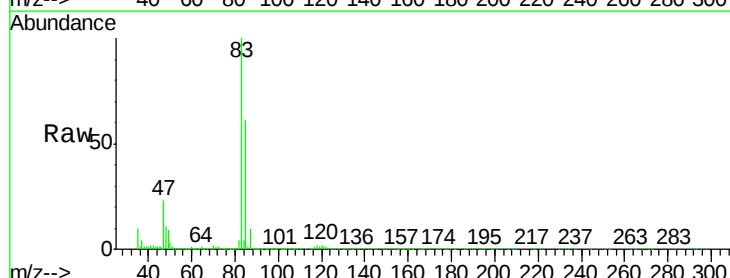
Acq: 09 Mar 2020 11:24

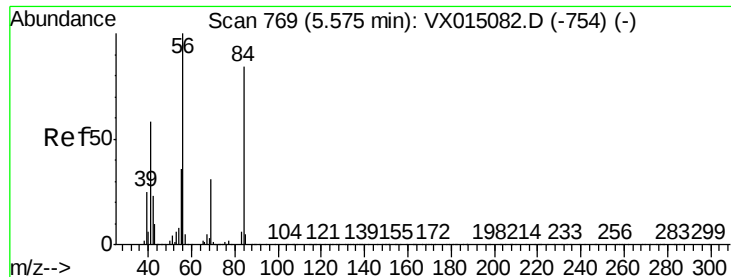
Tgt Ion: 83 Resp: 138882

Ion Ratio Lower Upper

83 100

85 60.5 52.0 78.0





#31

Cyclohexane

Concen: 20.17 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

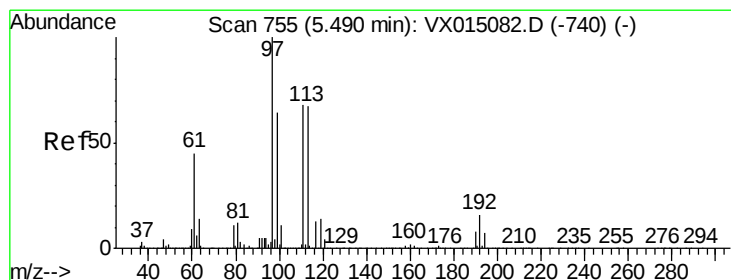
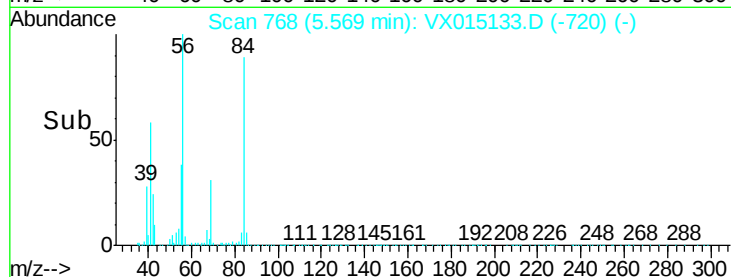
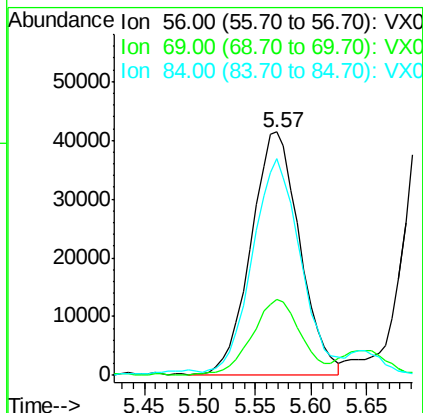
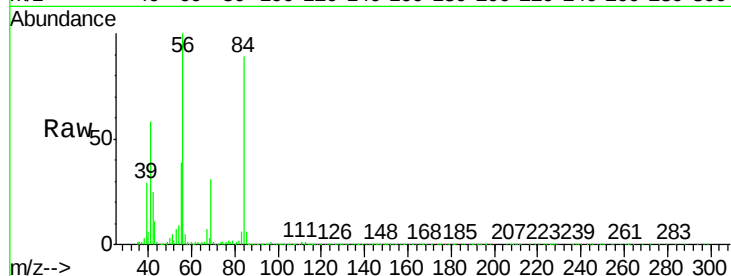
Tgt Ion: 56 Resp: 125553

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.6

84 87.2 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.88 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

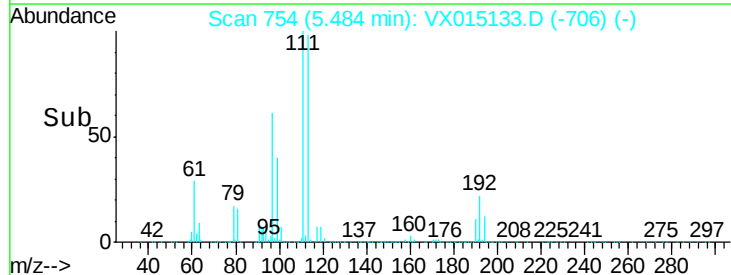
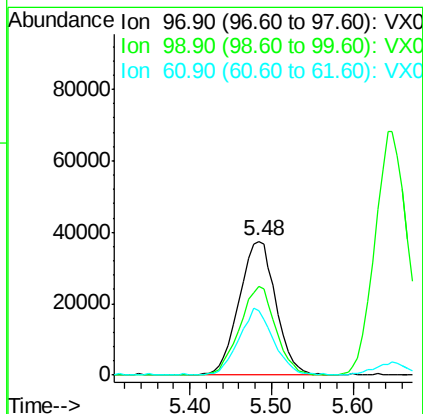
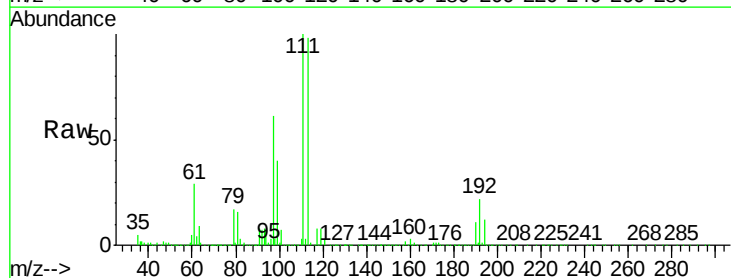
Tgt Ion: 97 Resp: 117729

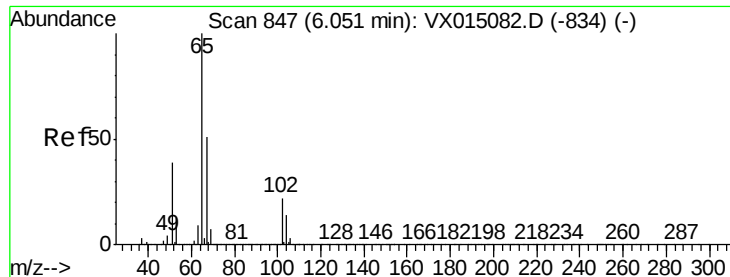
Ion Ratio Lower Upper

97 100

99 64.0 52.8 79.2

61 46.0 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.44 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

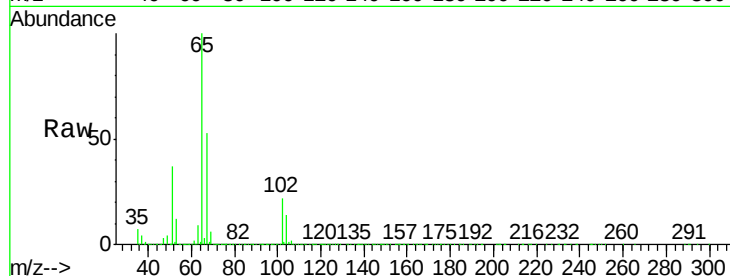
VX0309WBS01

Tgt Ion: 65 Resp: 214087

Ion Ratio Lower Upper

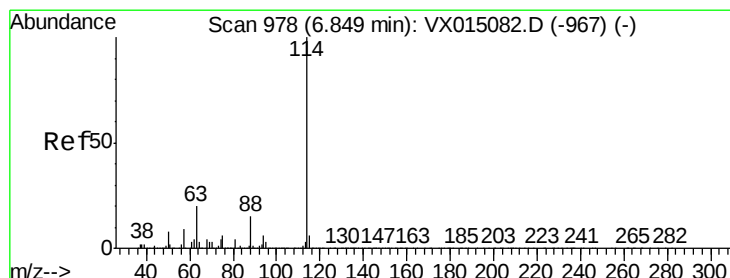
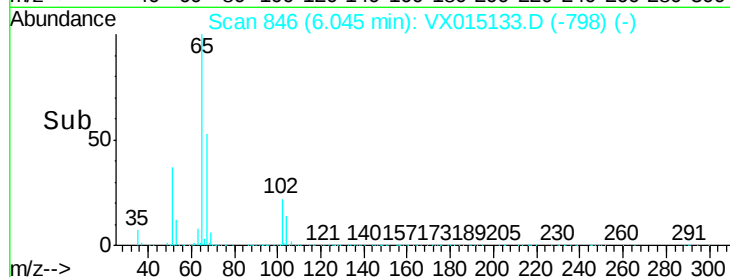
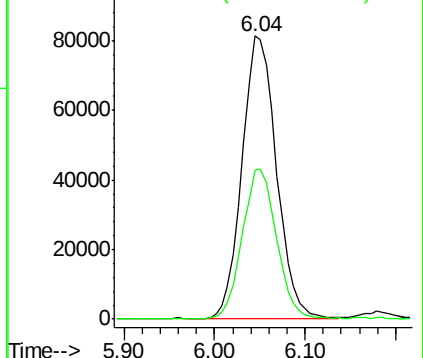
65 100

67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

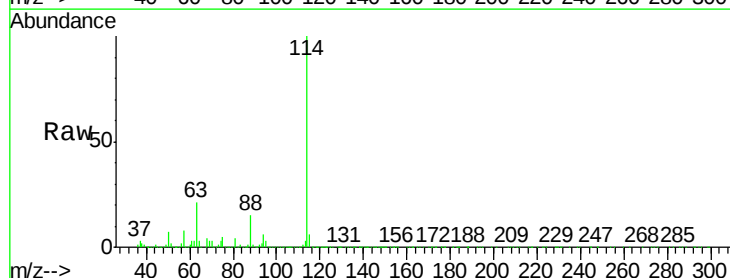
Tgt Ion: 114 Resp: 566869

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

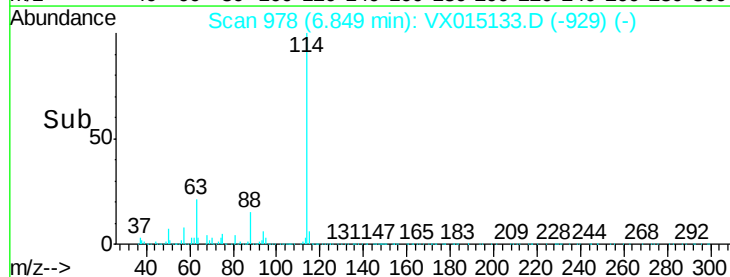
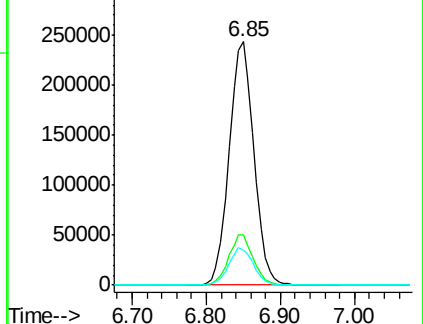
88 14.6 0.0 30.6

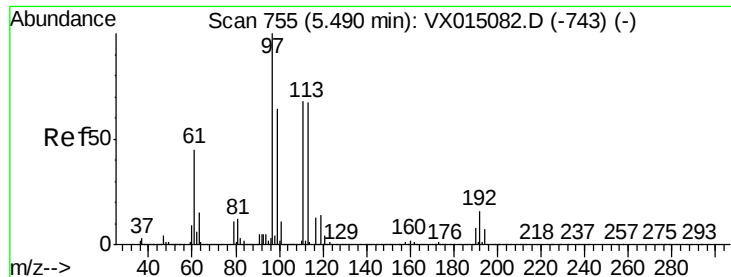


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.72 ug/l

RT: 5.48 min Scan# 754

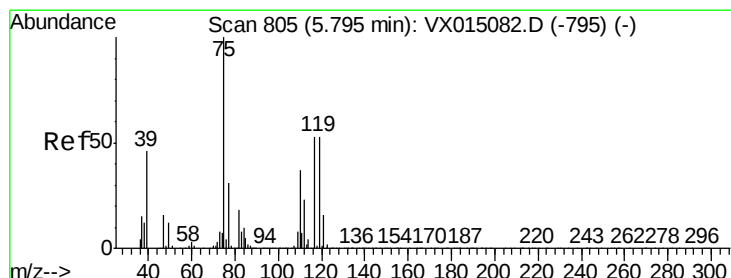
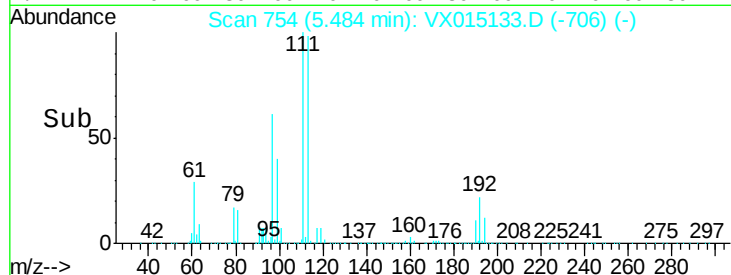
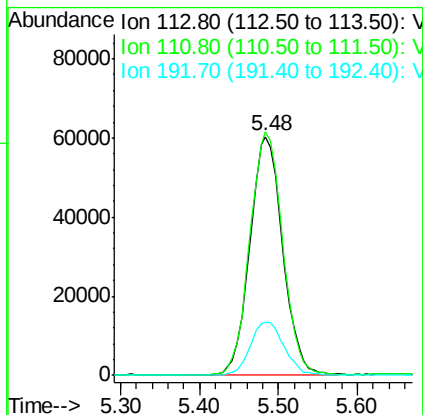
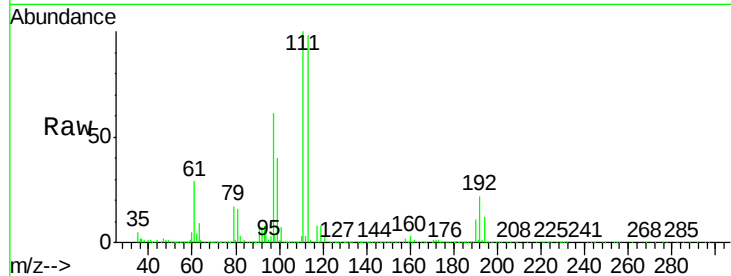
Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tgt Ion:	113	Resp:	174244
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	23.2	18.6	28.0



#36

1,1-Dichloropropene

Concen: 20.35 ug/l

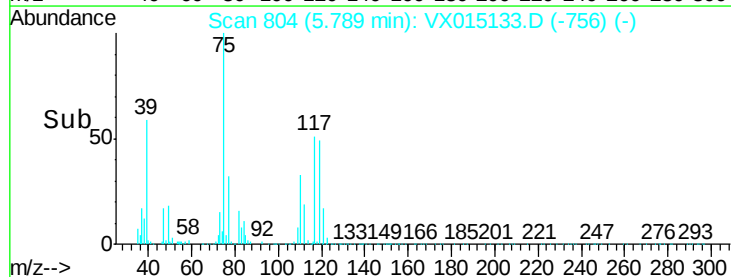
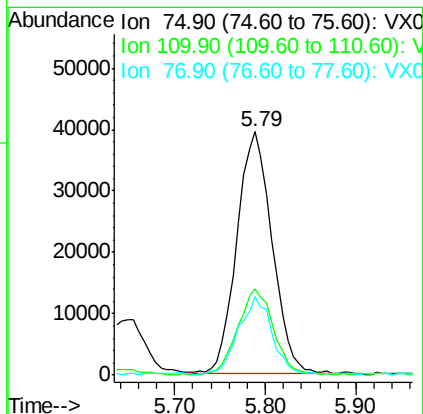
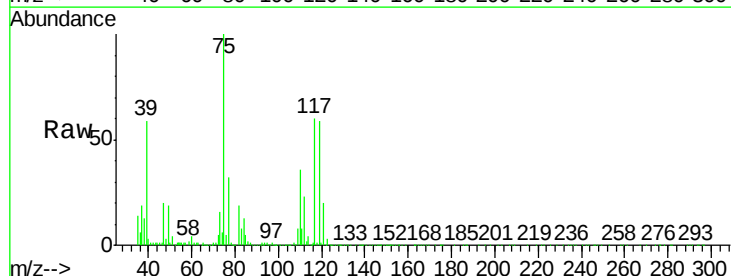
RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	75	Resp:	106653
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.8
77	30.3	24.8	37.2

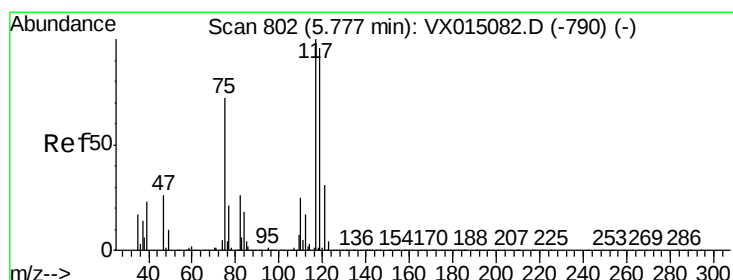
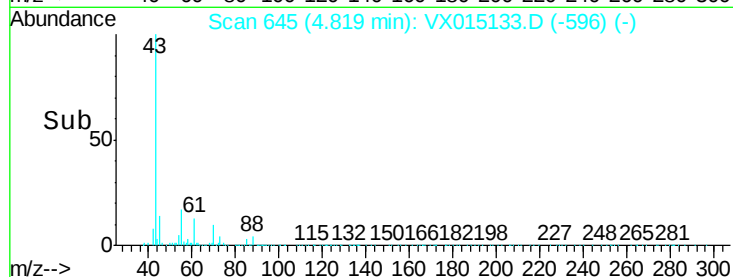
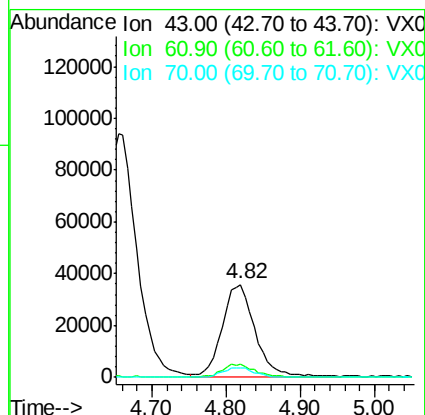
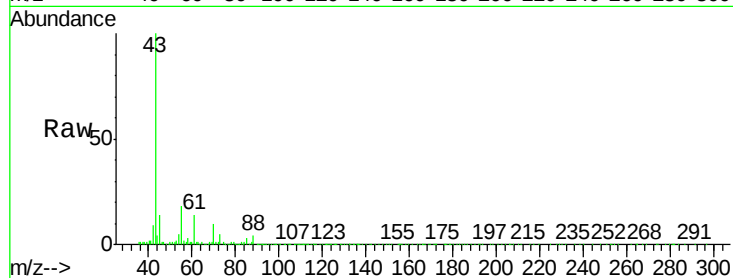




#37
Ethyl Acetate
Concen: 22.24 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

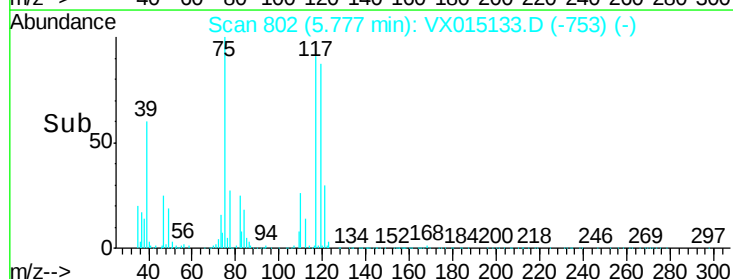
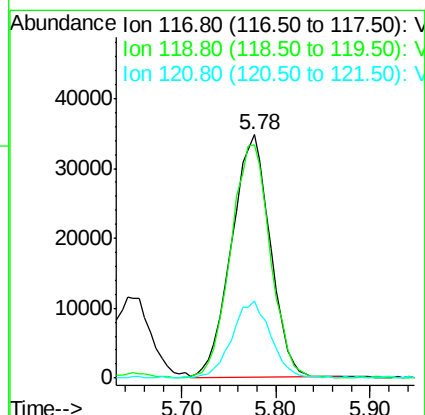
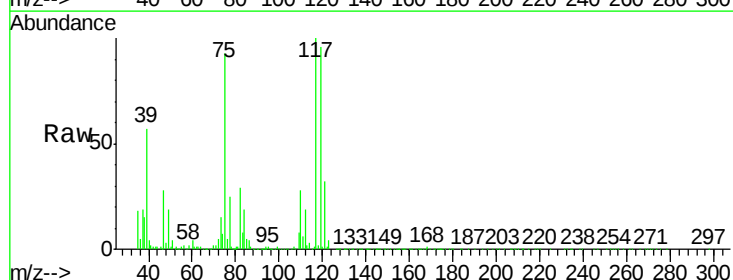
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

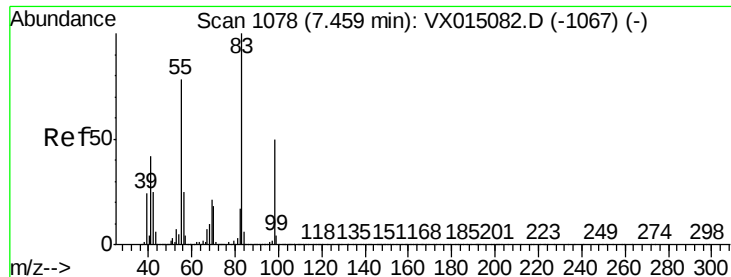
Tgt Ion: 43 Resp: 108127
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.11 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 117 Resp: 99494
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3
121 31.8 24.6 37.0

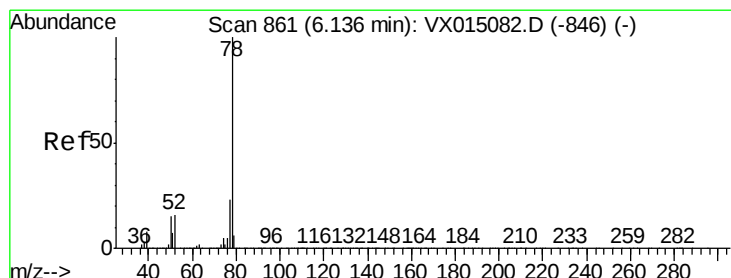
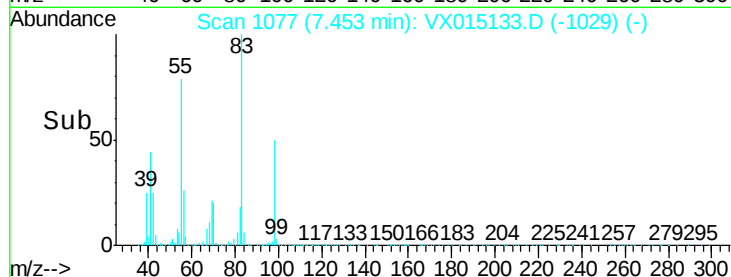
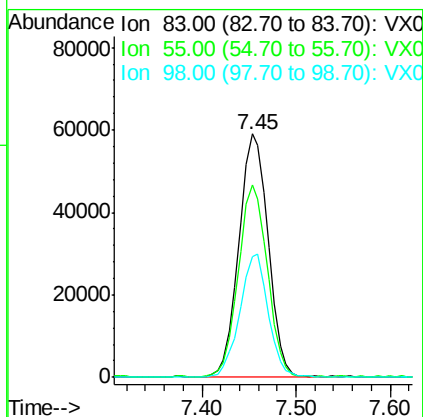
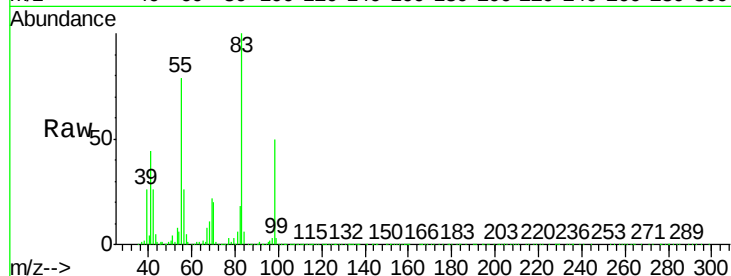




#39
Methylcyclohexane
Concen: 20.86 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

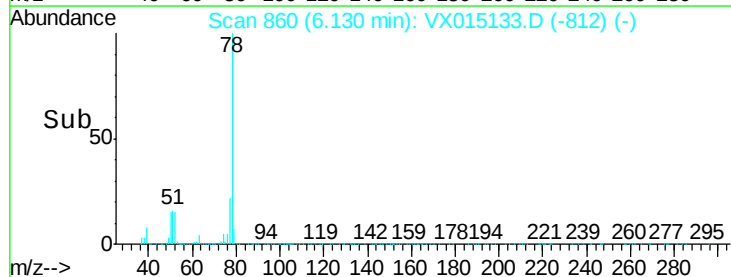
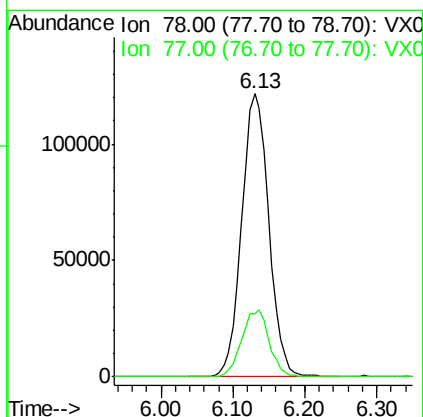
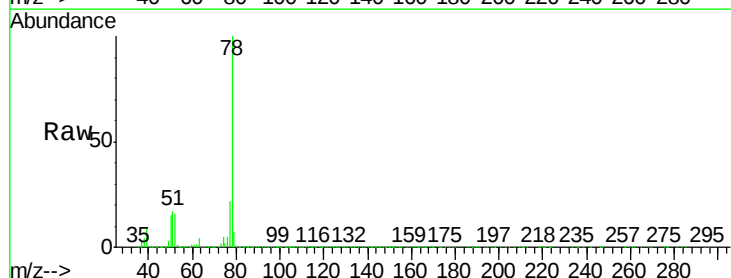
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

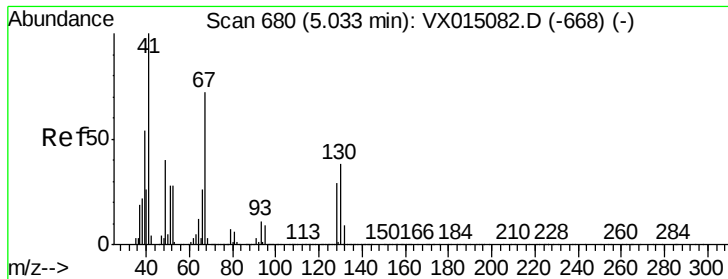
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.4	93.6
98	49.7	39.7	59.5



#40
Benzene
Concen: 20.44 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 20.42 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tgt Ion: 41 Resp: 59624

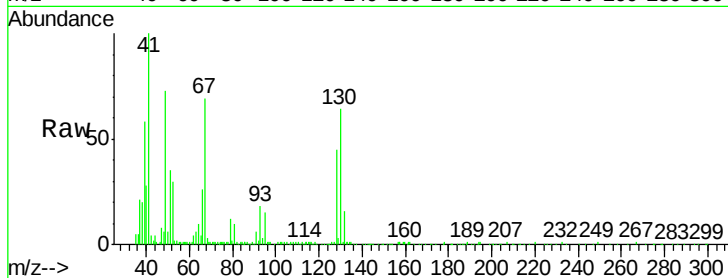
Ion Ratio Lower Upper

41 100

39 52.7 43.9 65.9

67 71.3 57.8 86.8

52 28.0 22.6 34.0

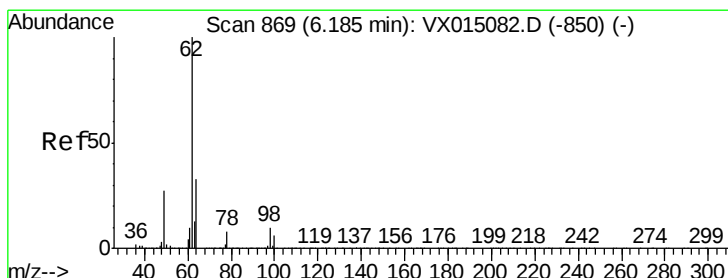
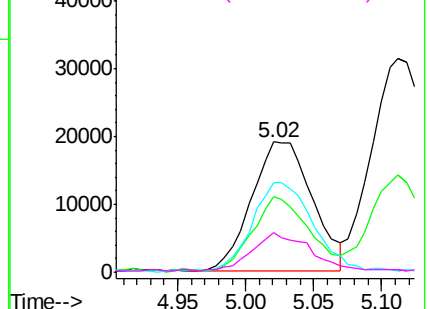
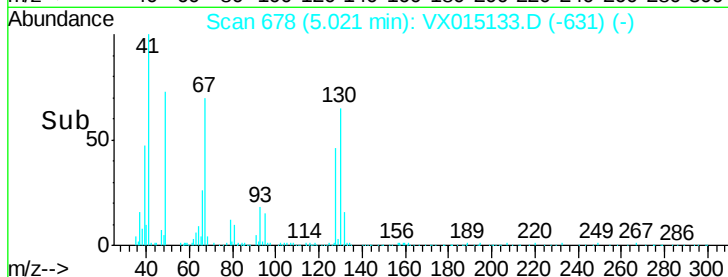


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.37 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015133.D

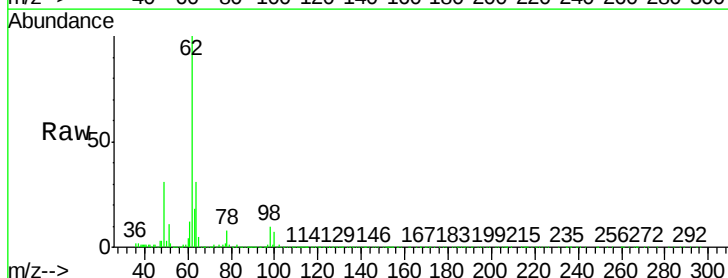
Acq: 09 Mar 2020 11:24

Tgt Ion: 62 Resp: 114106

Ion Ratio Lower Upper

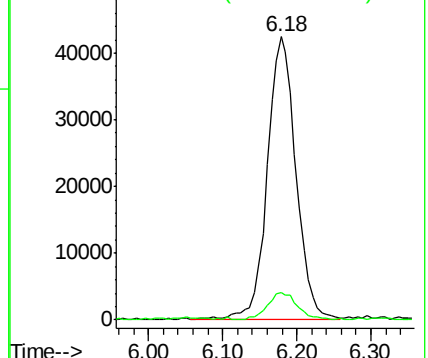
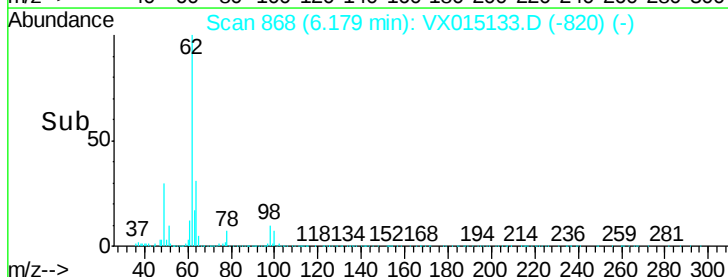
62 100

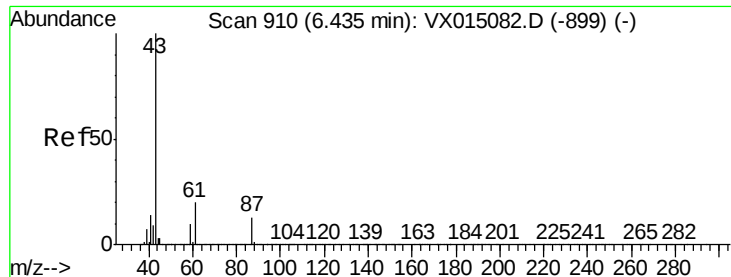
98 9.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.54 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

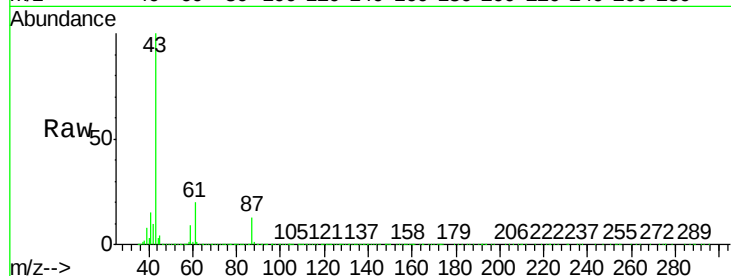
Tgt Ion: 43 Resp: 175609

Ion Ratio Lower Upper

43 100

61 19.8 16.1 24.1

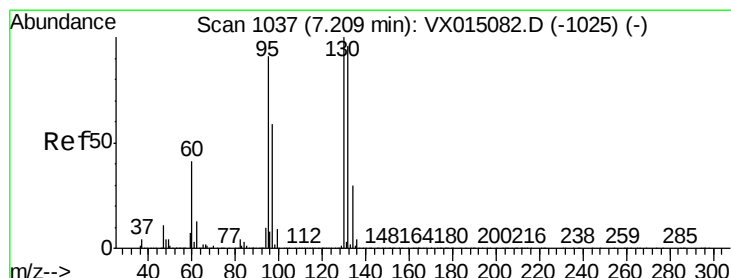
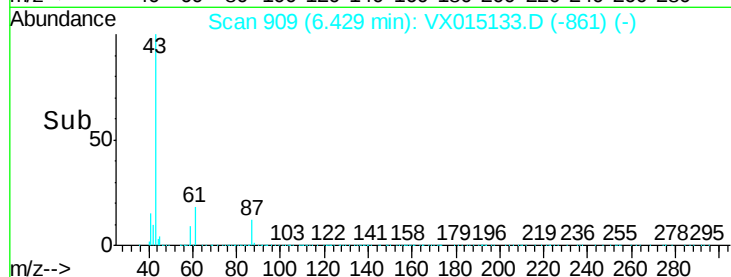
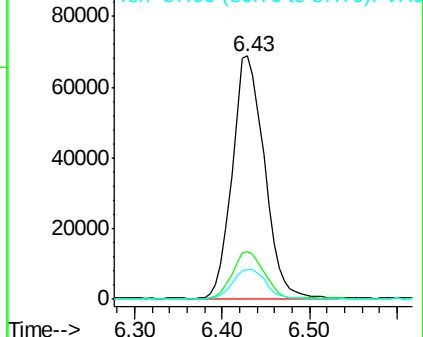
87 13.1 10.6 16.0



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: 20.03 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015133.D

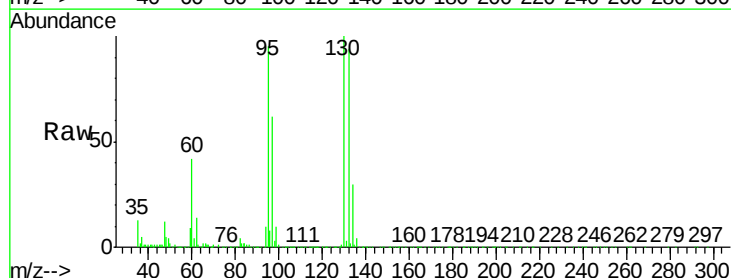
Acq: 09 Mar 2020 11:24

Tgt Ion: 130 Resp: 86734

Ion Ratio Lower Upper

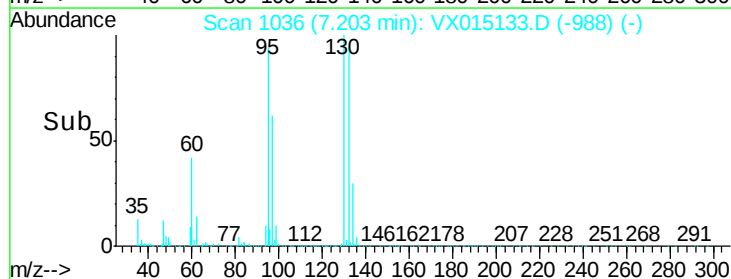
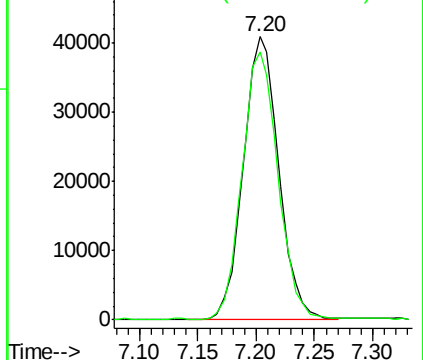
130 100

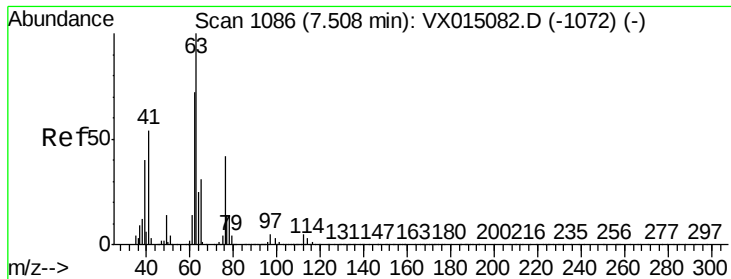
95 94.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.44 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

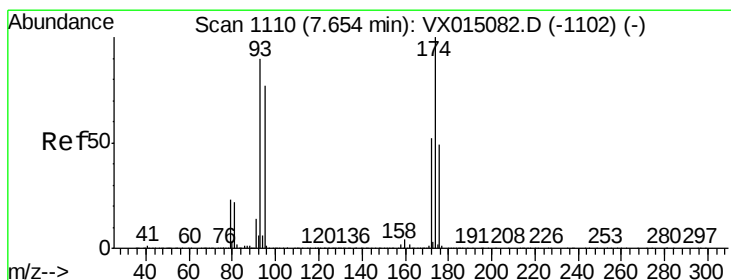
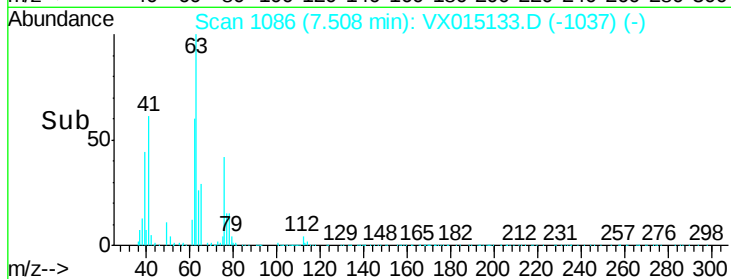
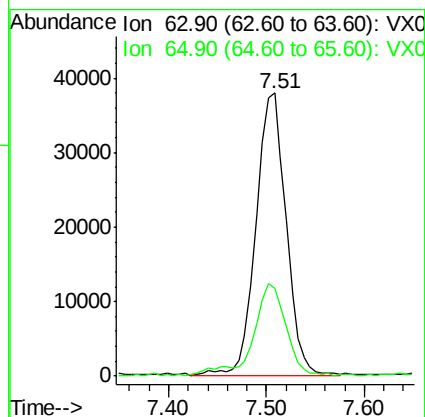
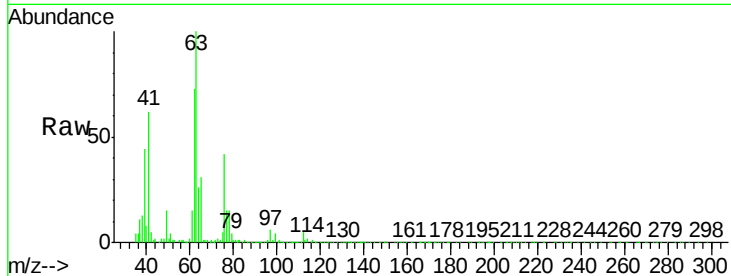
VX0309WBS01

Tgt Ion: 63 Resp: 82243

Ion Ratio Lower Upper

63 100

65 30.2 24.6 36.8



#46

Dibromomethane

Concen: 20.12 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

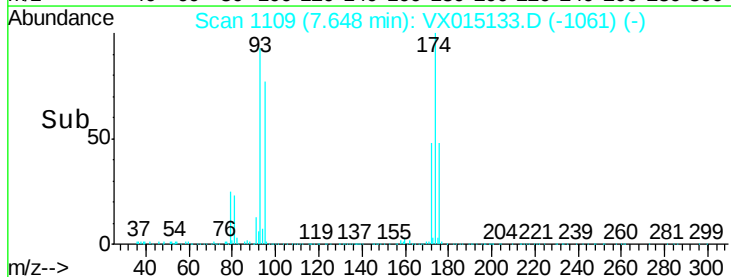
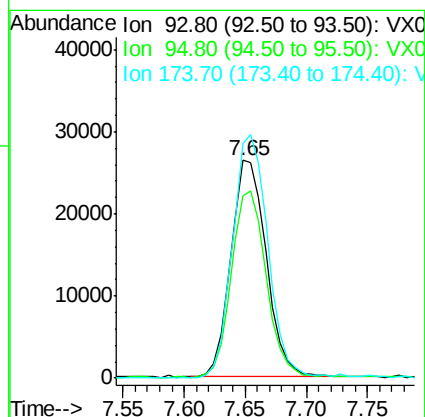
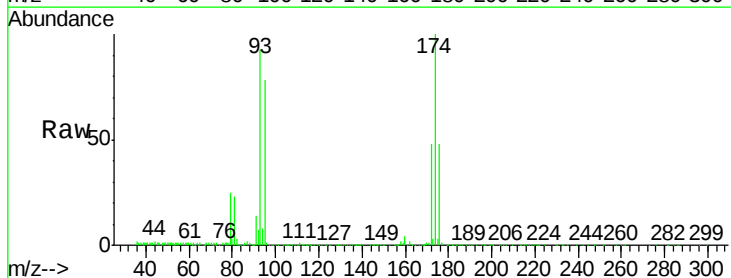
Tgt Ion: 93 Resp: 52756

Ion Ratio Lower Upper

93 100

95 85.3 67.8 101.8

174 112.6 91.0 136.4





#47

Bromodichloromethane

Concen: 20.69 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

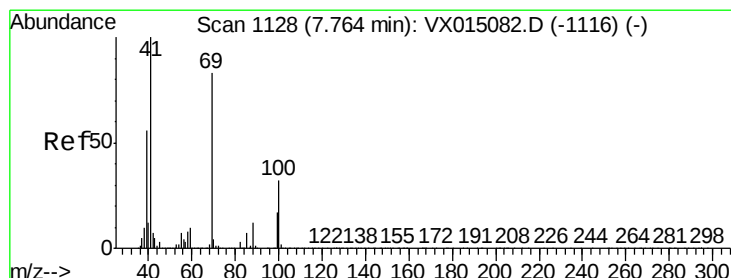
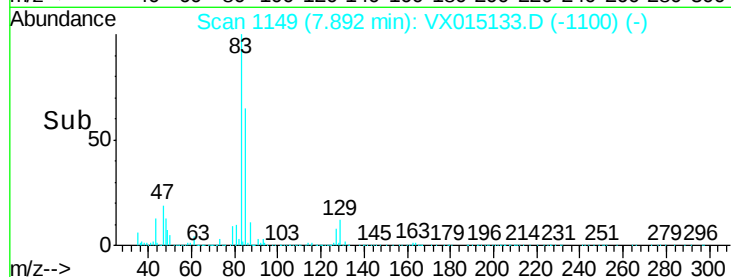
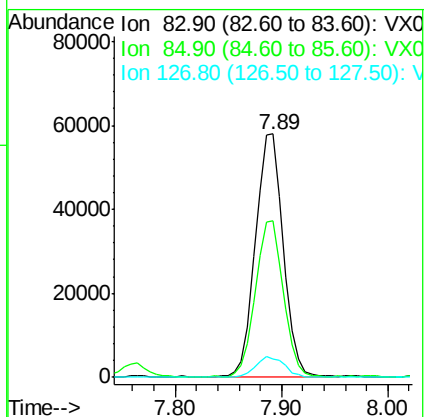
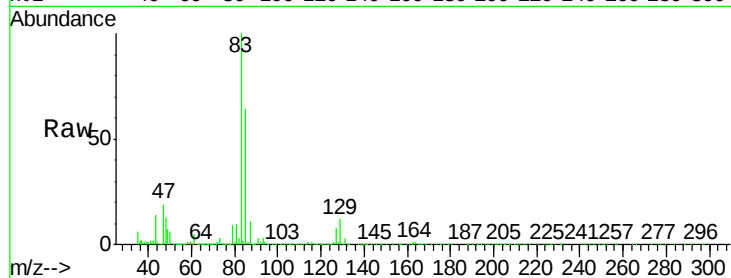
Tgt Ion: 83 Resp: 107266

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

127 7.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.65 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

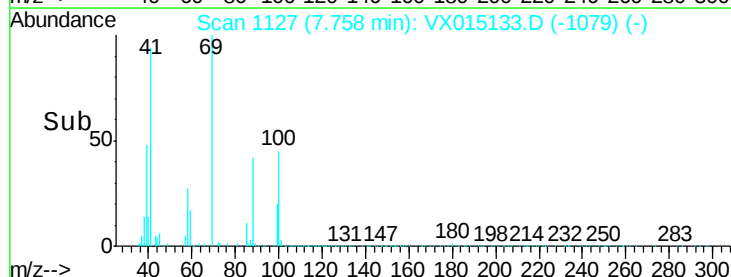
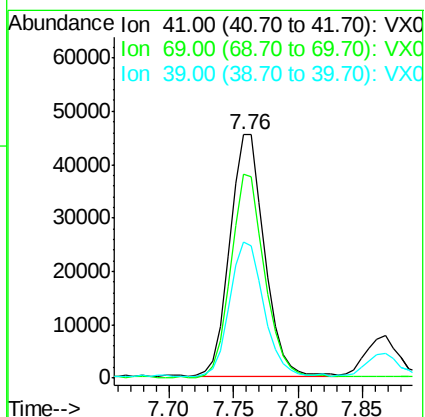
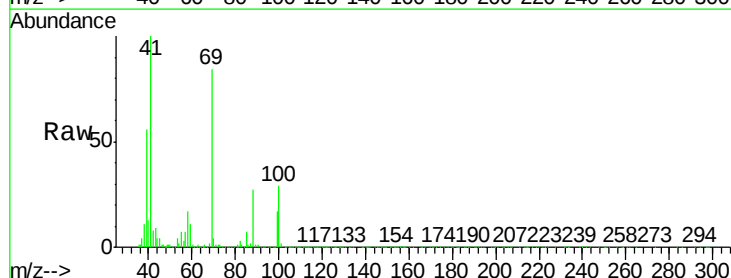
Tgt Ion: 41 Resp: 85518

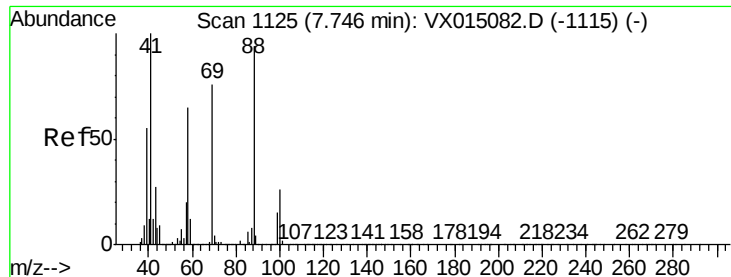
Ion Ratio Lower Upper

41 100

69 81.4 65.4 98.2

39 54.7 44.6 67.0

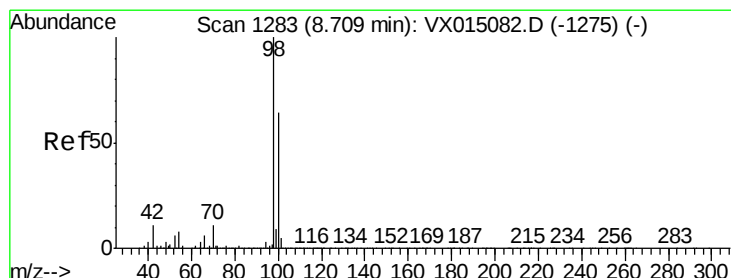
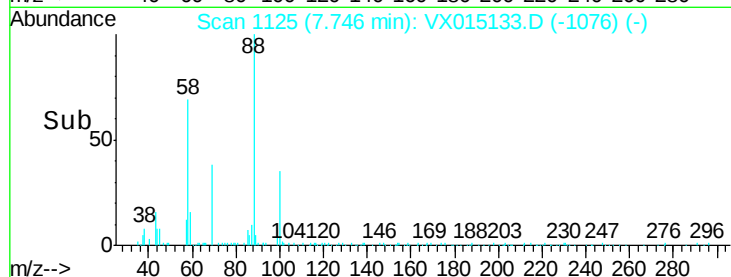
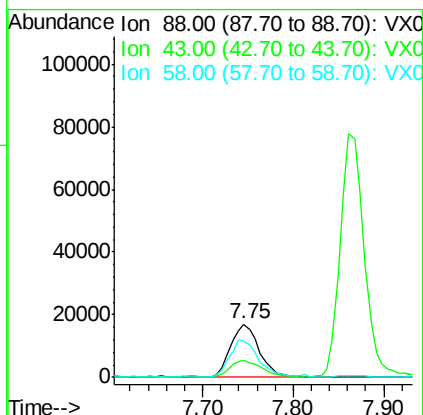
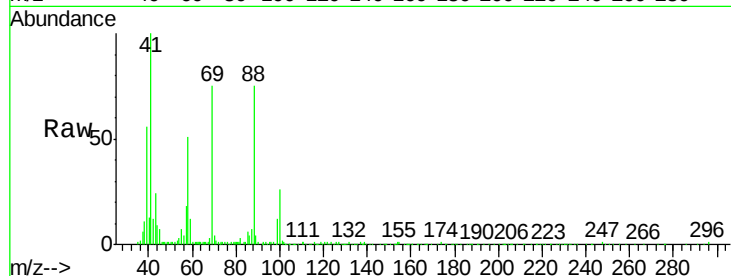




#49
1,4-Dioxane
Concen: 390.31 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

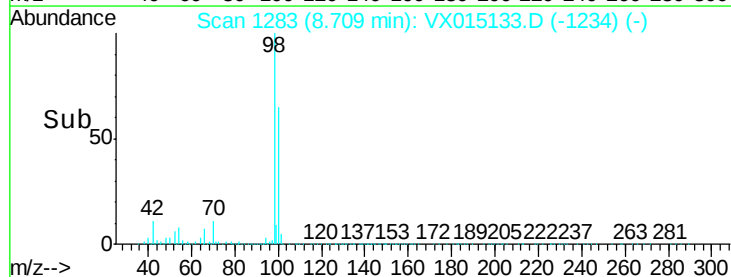
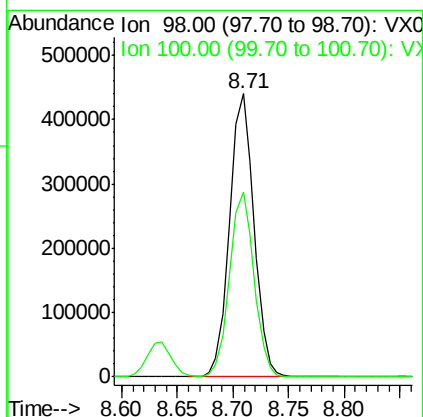
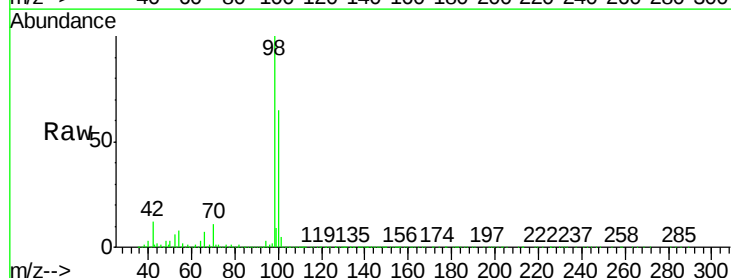
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

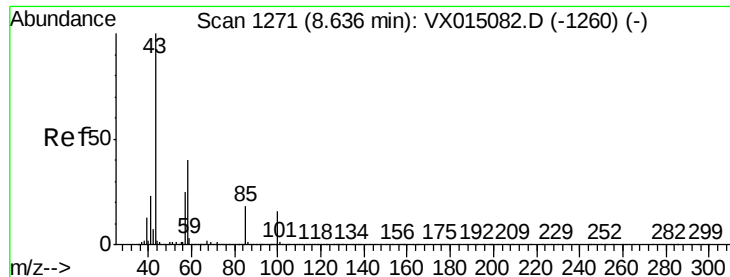
Tgt Ion: 88 Resp: 36730
Ion Ratio Lower Upper
88 100
43 32.3 27.0 40.4
58 69.8 55.6 83.4



#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 98 Resp: 668514
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

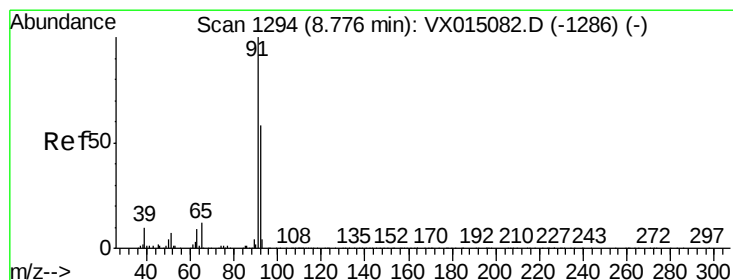
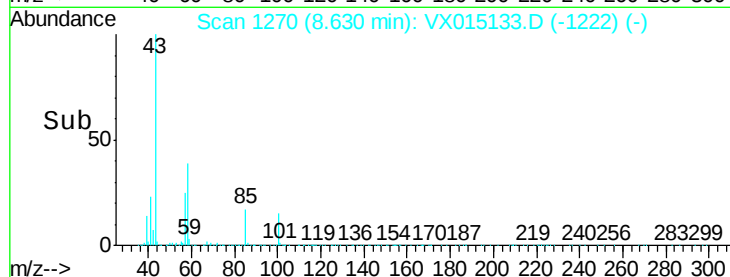
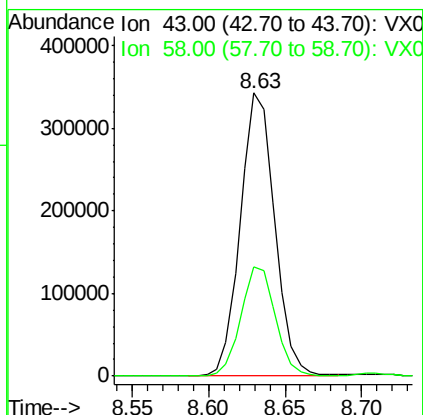
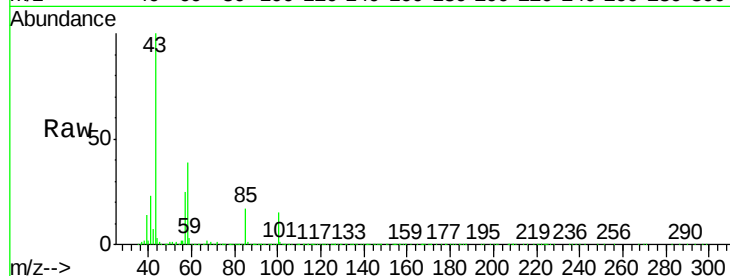




#51
4-Methyl-2-Pentanone
Concen: 105.64 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

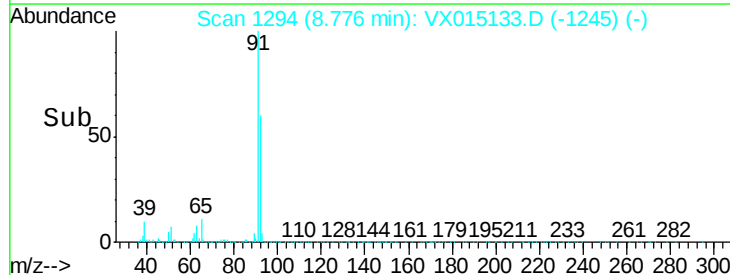
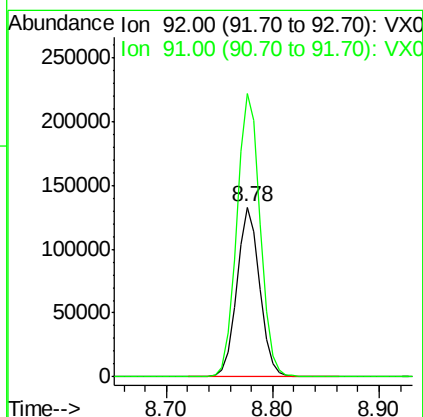
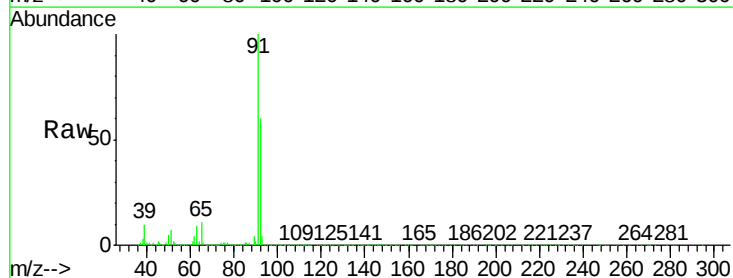
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

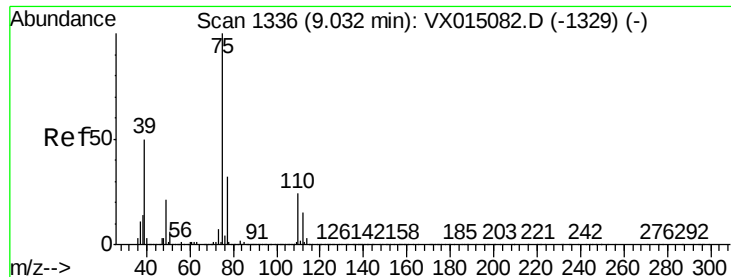
Tgt Ion: 43 Resp: 534157
Ion Ratio Lower Upper
43 100
58 38.7 31.6 47.4



#52
Toluene
Concen: 20.90 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 92 Resp: 198729
Ion Ratio Lower Upper
92 100
91 171.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.11 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

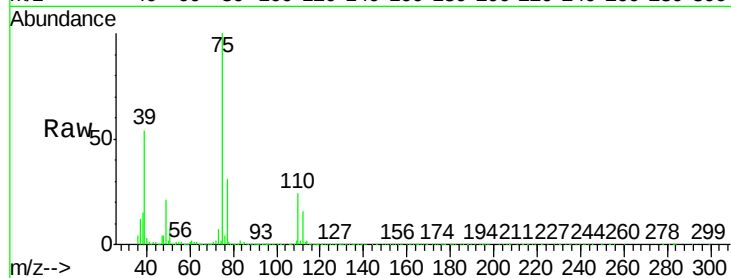
VX0309WBS01

Tgt Ion: 75 Resp: 116504

Ion Ratio Lower Upper

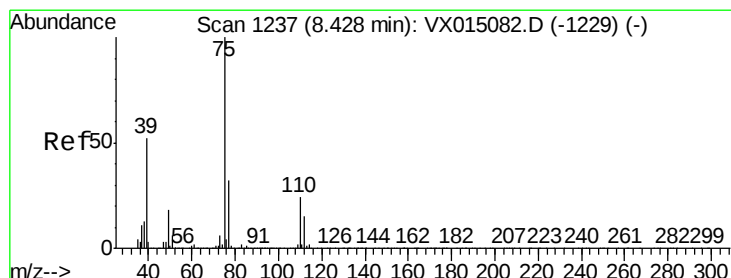
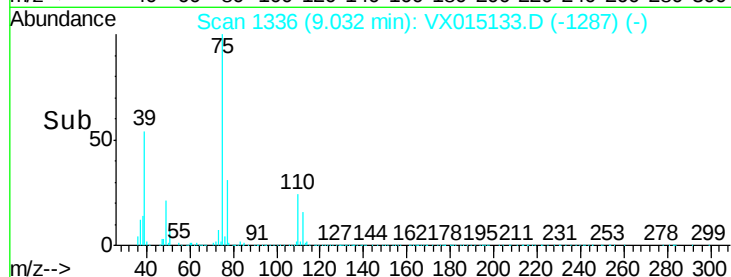
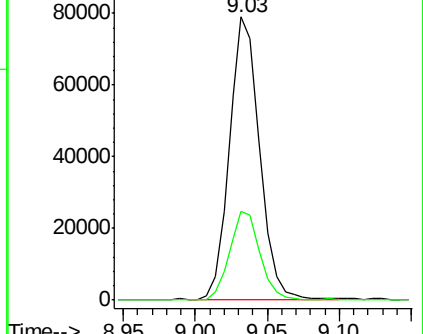
75 100

77 31.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.80 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

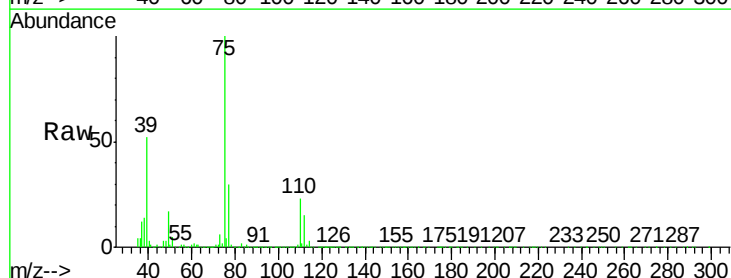
Tgt Ion: 75 Resp: 129772

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.6

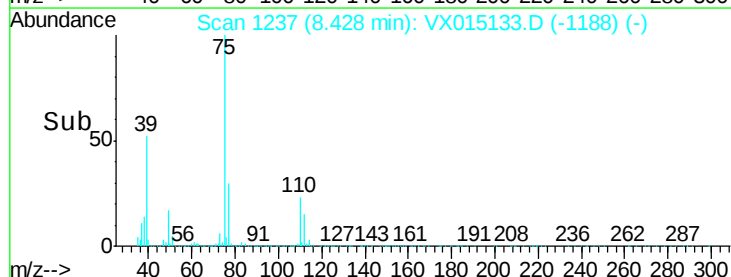
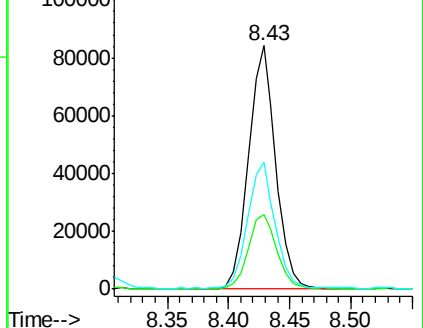
39 51.9 41.3 61.9

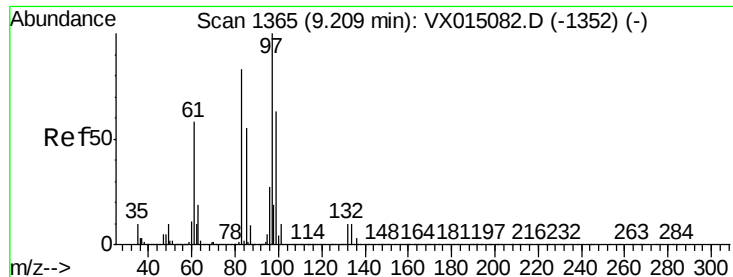


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.17 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tgt Ion: 97 Resp: 78937

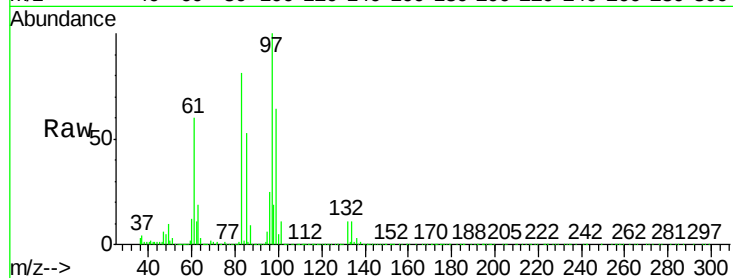
Ion Ratio Lower Upper

97 100

83 81.1 66.4 99.6

85 52.7 43.5 65.3

99 64.1 50.7 76.1

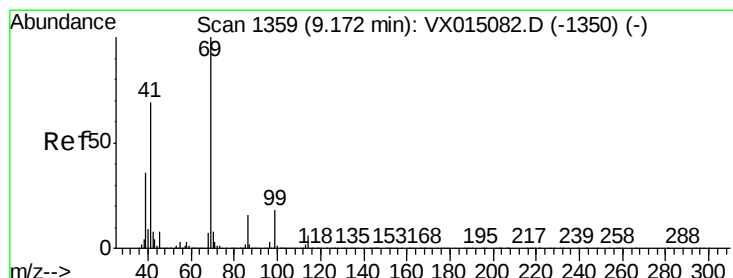
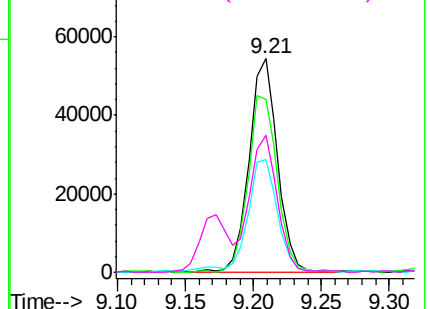
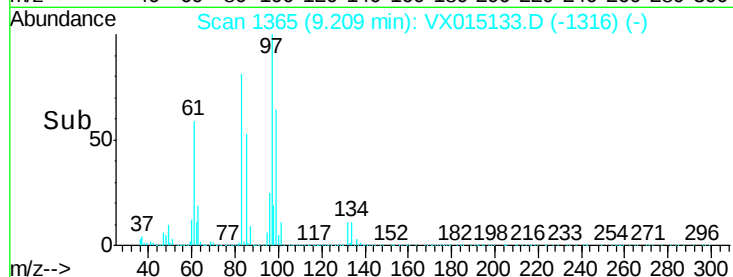


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.93 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

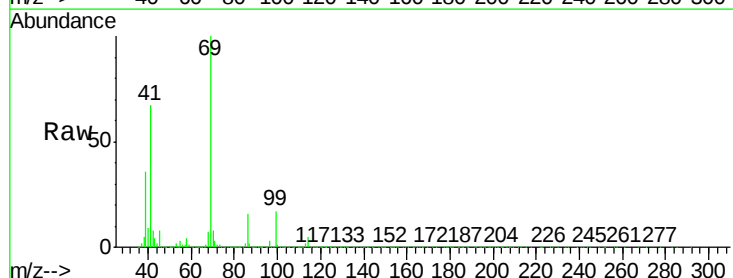
Tgt Ion: 69 Resp: 116801

Ion Ratio Lower Upper

69 100

41 68.3 55.8 83.8

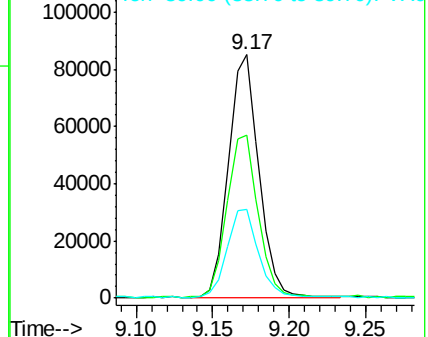
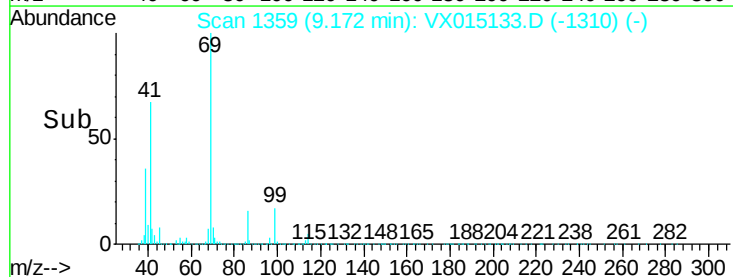
39 37.3 29.4 44.2

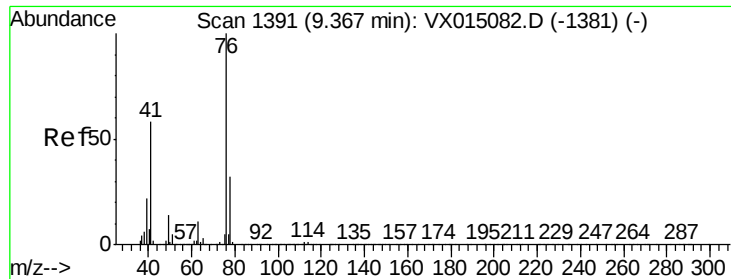


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.93 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

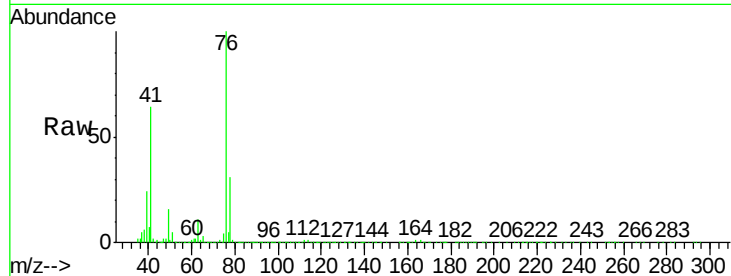
VX0309WBS01

Tgt Ion: 76 Resp: 137780

Ion Ratio Lower Upper

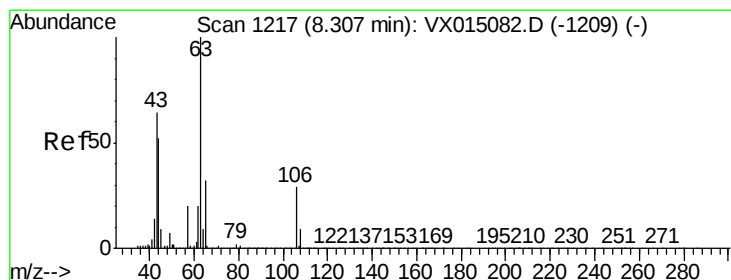
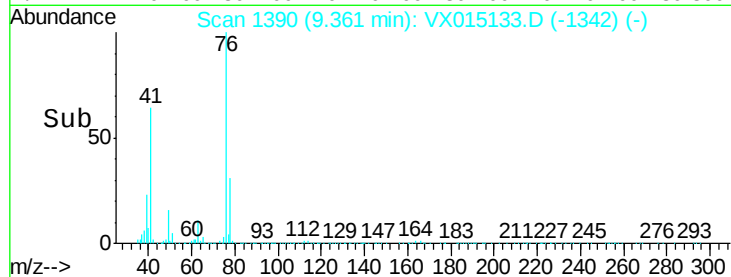
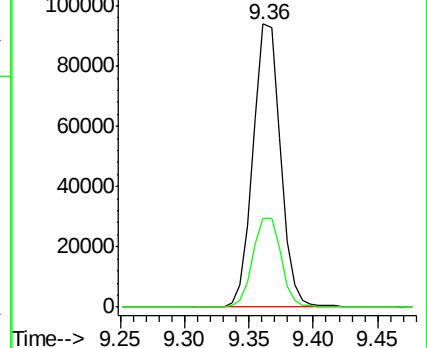
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.46 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015133.D

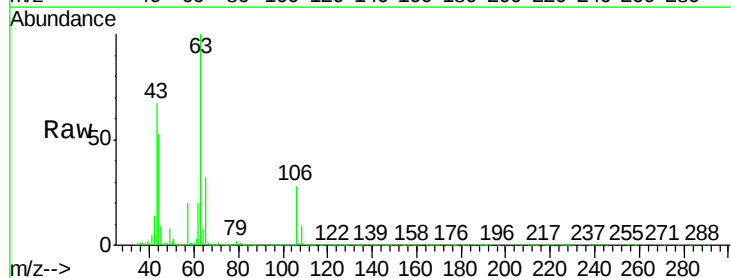
Acq: 09 Mar 2020 11:24

Tgt Ion: 63 Resp: 302397

Ion Ratio Lower Upper

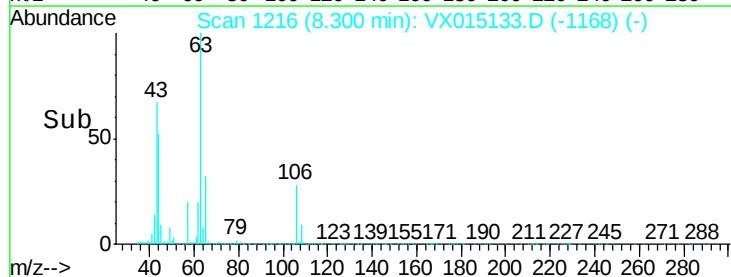
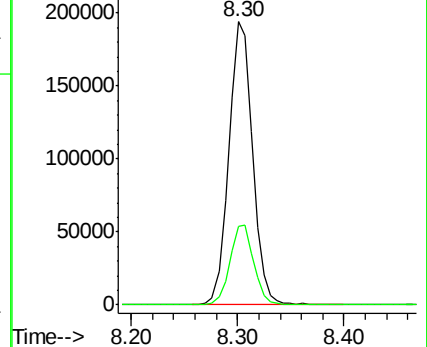
63 100

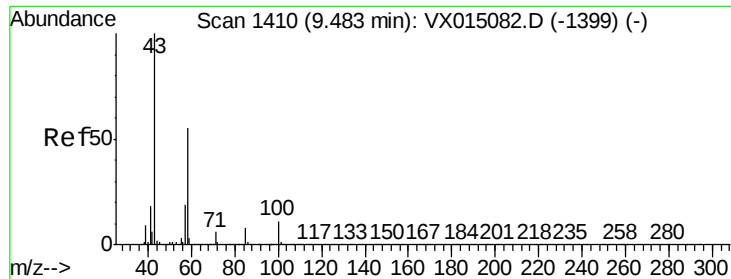
106 28.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

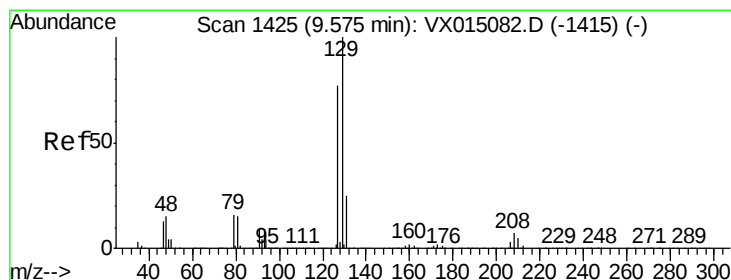
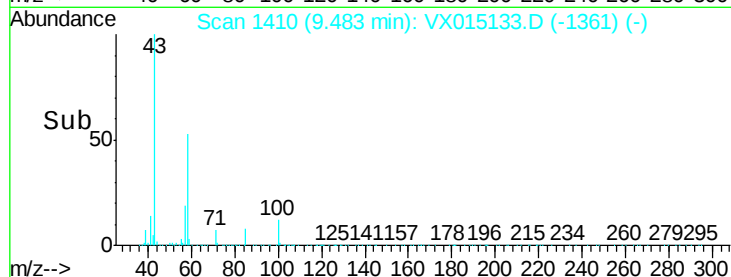
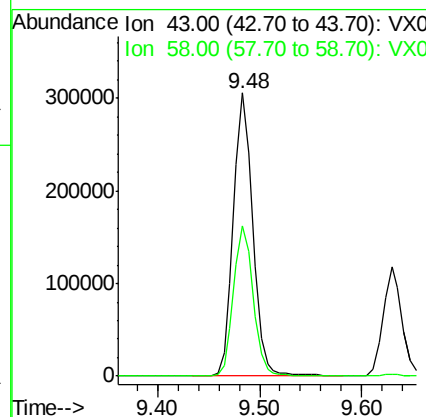
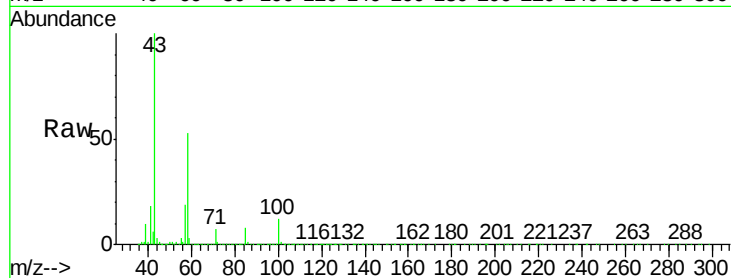




#59
2-Hexanone
Concen: 106.61 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

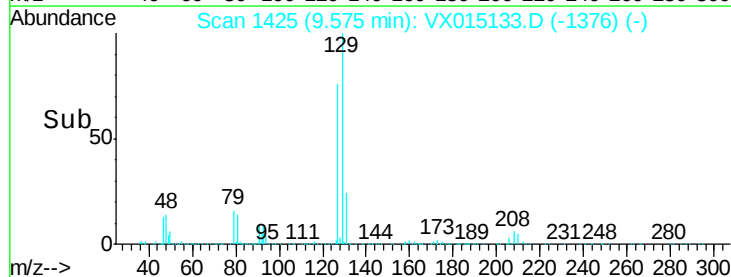
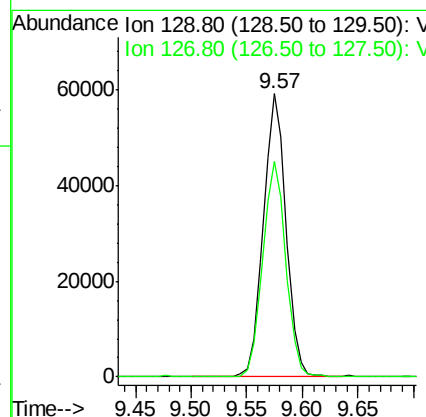
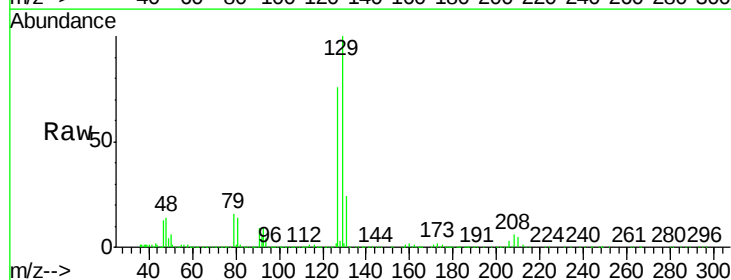
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

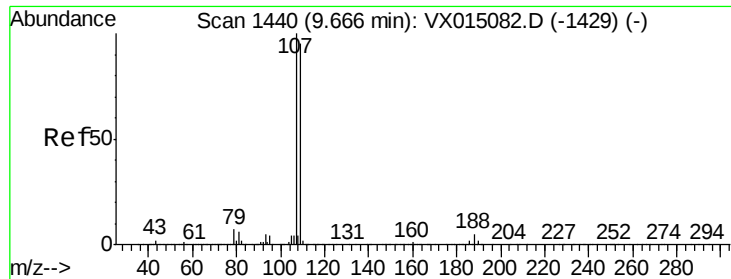
Tgt Ion: 43 Resp: 399537
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8



#60
Dibromochloromethane
Concen: 20.64 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 129 Resp: 84828
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.07 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

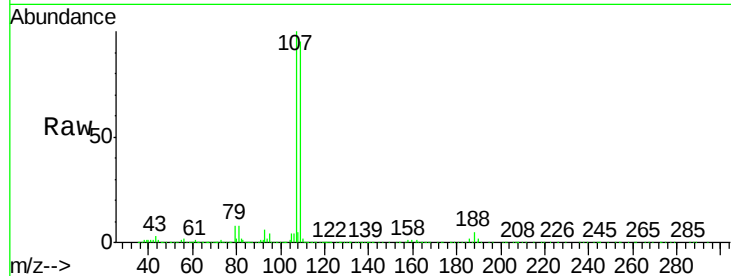
VX0309WBS01

Tgt Ion: 107 Resp: 82486

Ion Ratio Lower Upper

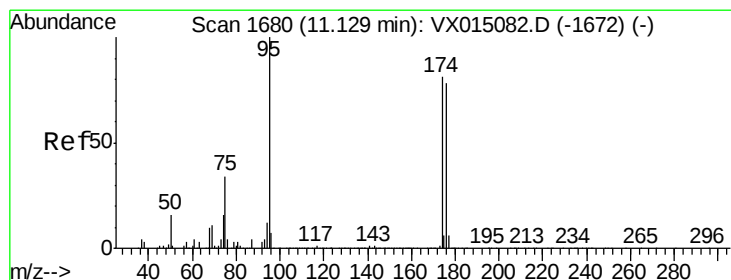
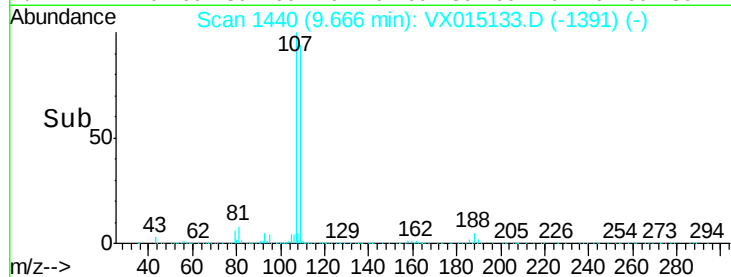
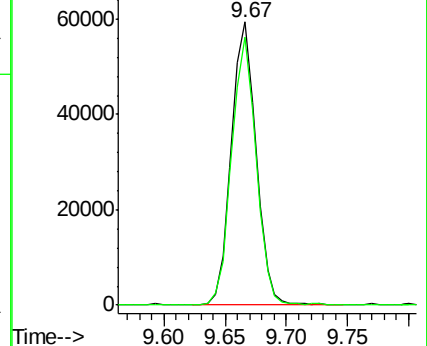
107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

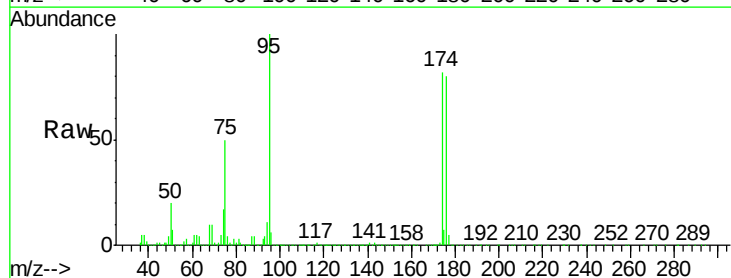
Tgt Ion: 95 Resp: 237039

Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.6

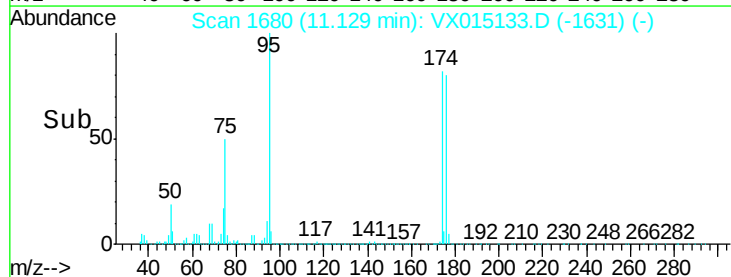
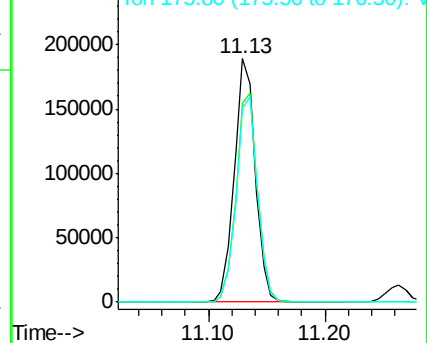
176 86.0 0.0 170.2

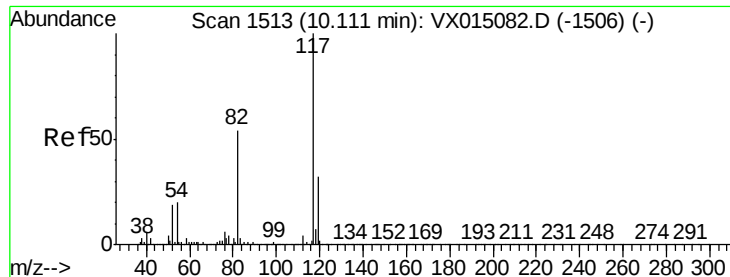


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

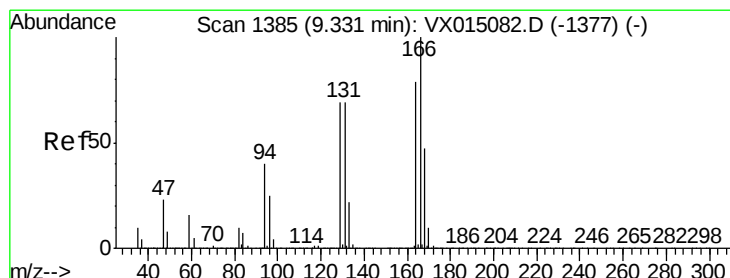
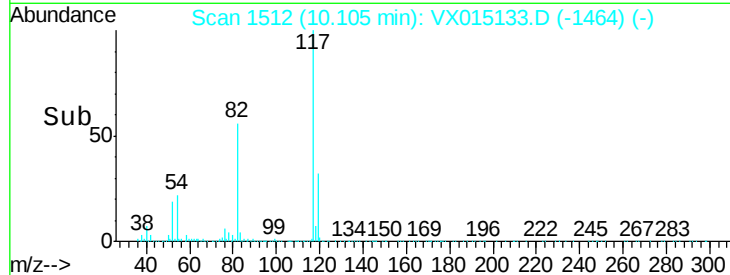
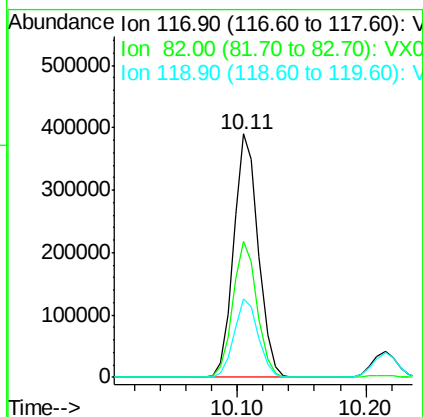
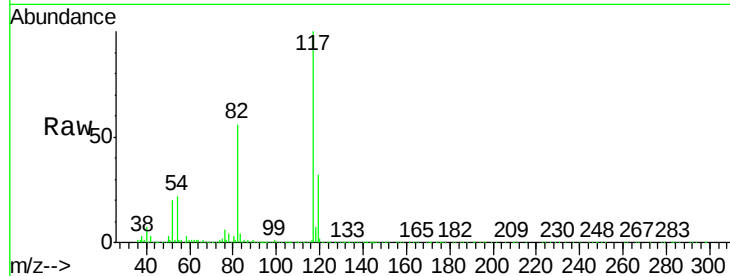




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

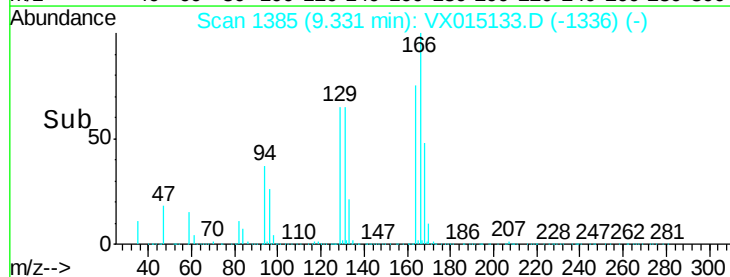
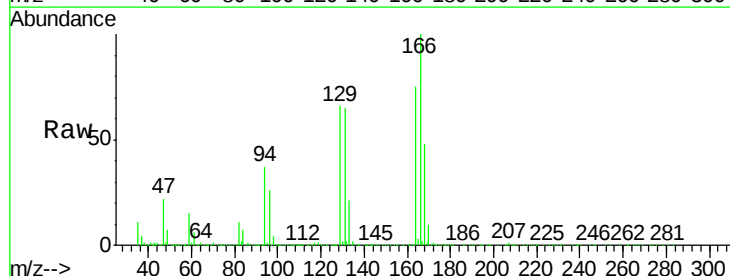
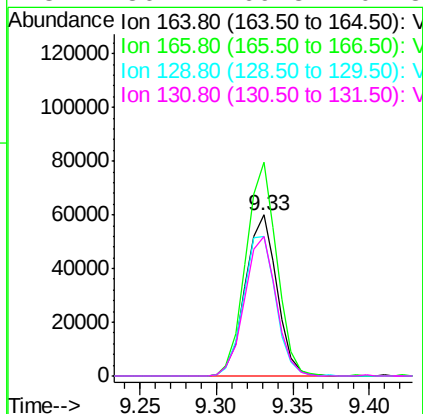
Instrument :
MSVOA_X
ClientSampled :
VX0309WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.3	64.9
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 20.09 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.8	101.1	151.7
129	87.0	69.4	104.0
131	86.2	69.8	104.8





#65

Chlorobenzene

Concen: 20.65 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

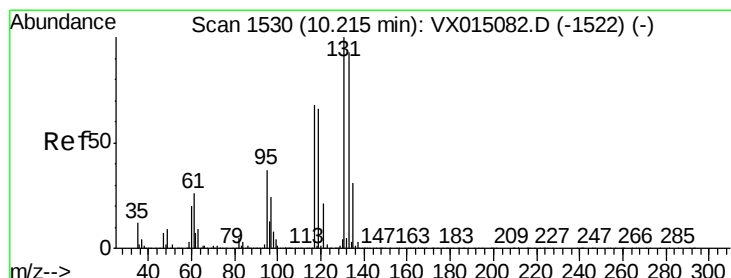
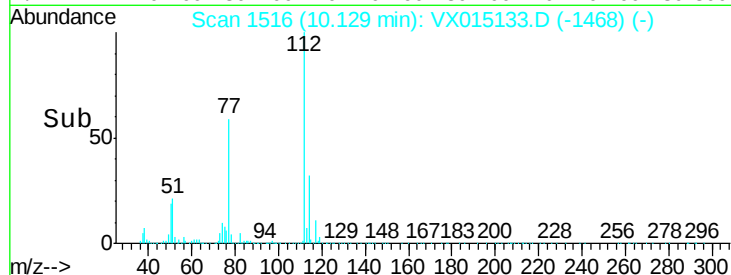
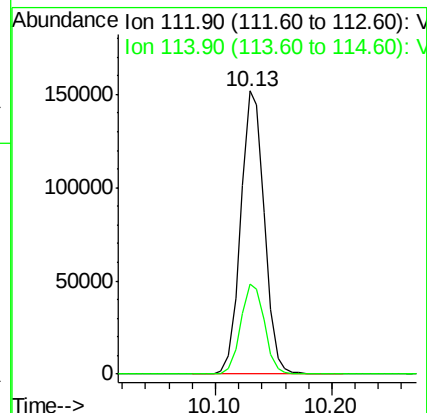
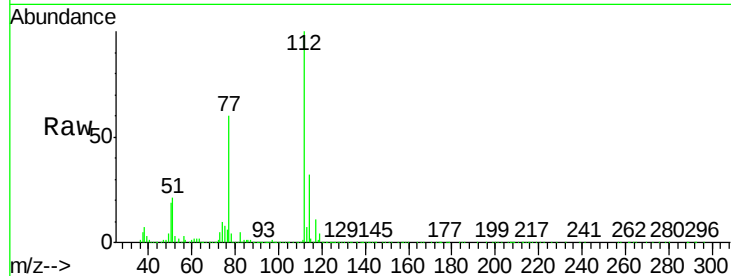
VX0309WBS01

Tgt Ion:112 Resp: 214476

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.76 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

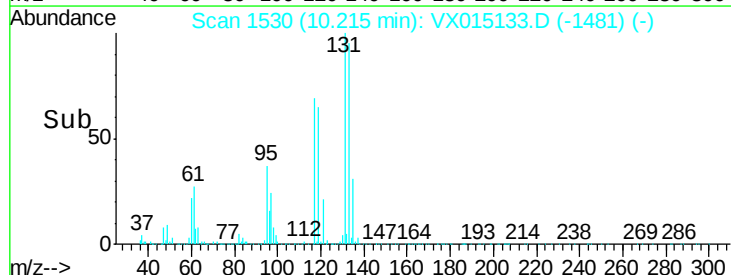
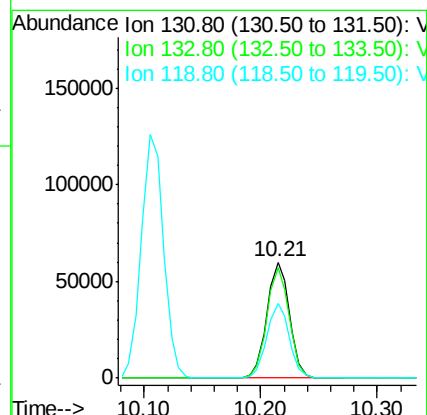
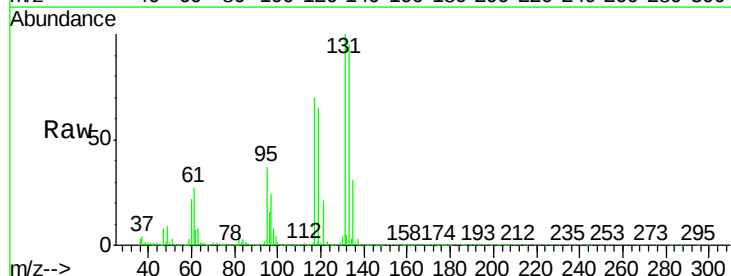
Tgt Ion:131 Resp: 81300

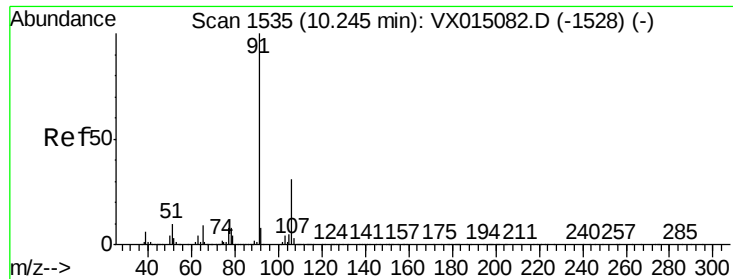
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.5

119 64.0 33.4 100.1

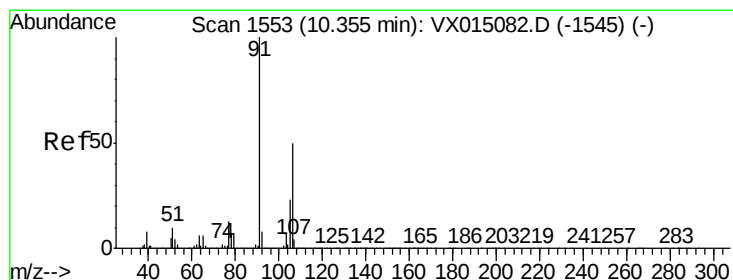
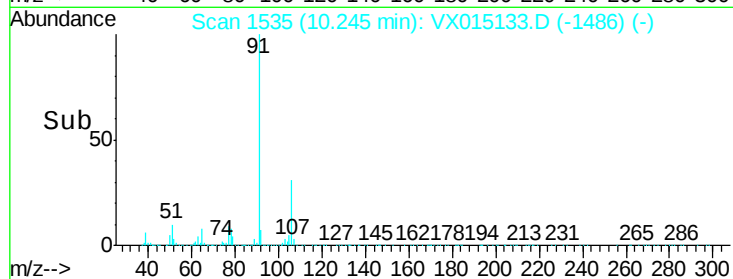
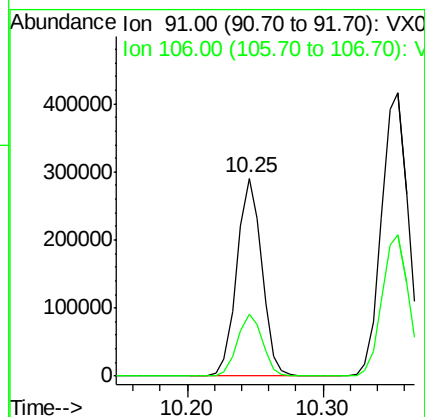
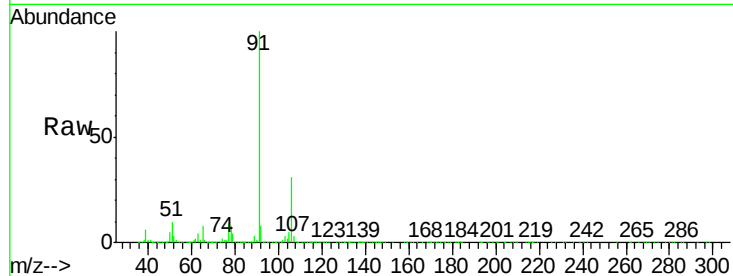




#67
Ethyl Benzene
Concen: 21.03 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

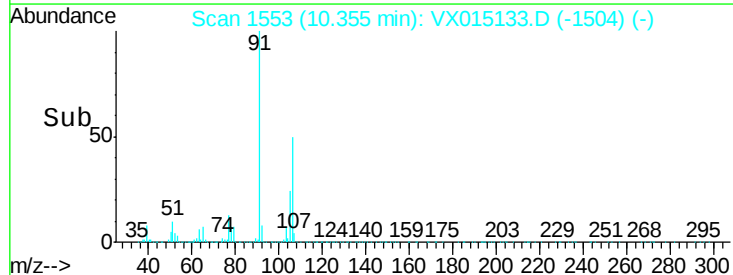
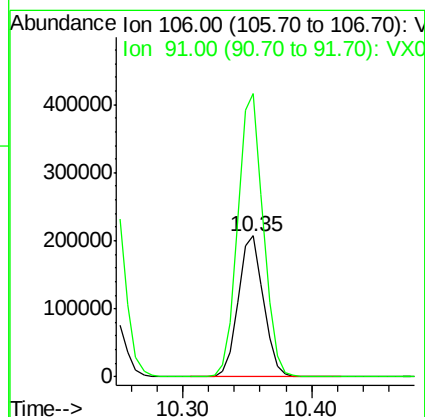
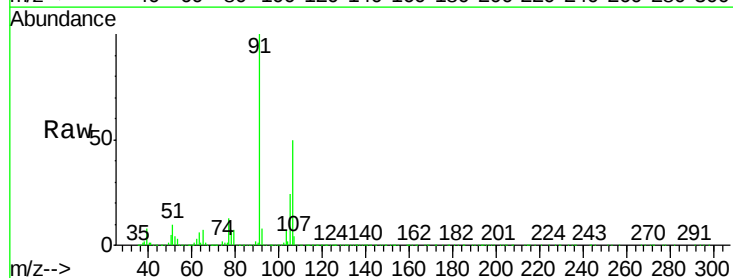
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

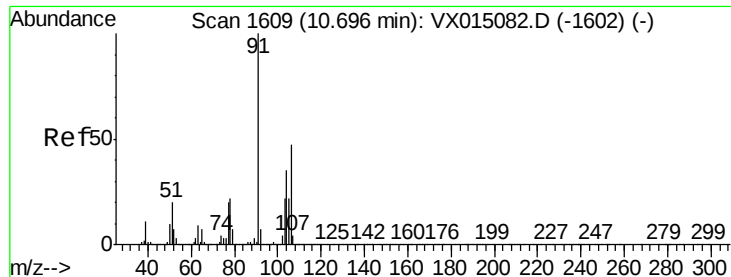
Tgt Ion: 91 Resp: 370906
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 41.96 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 106 Resp: 281539
Ion Ratio Lower Upper
106 100
91 202.1 159.4 239.2

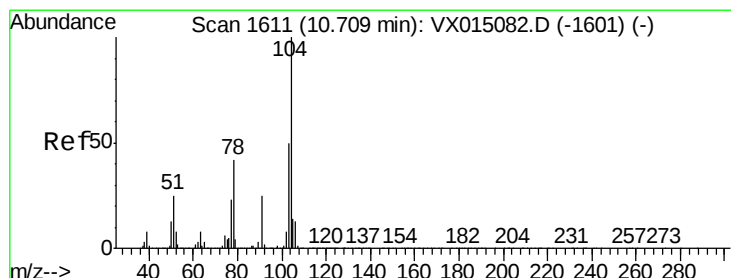
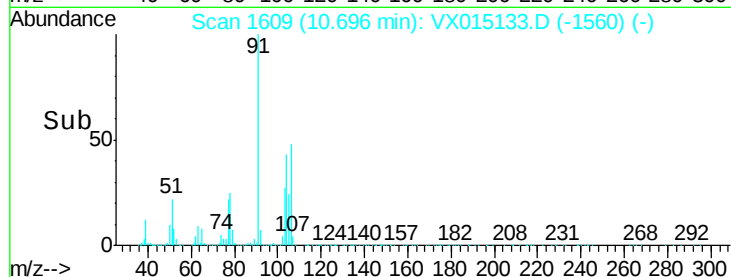
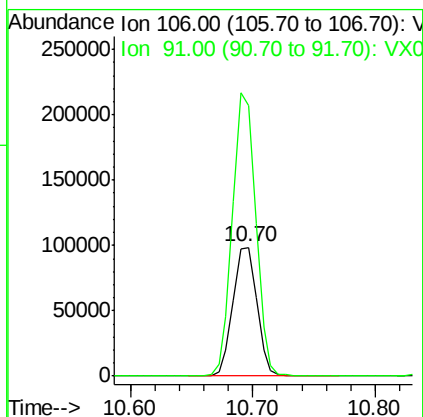
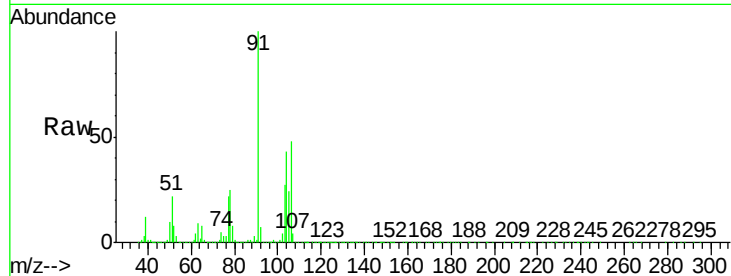




#69
o-Xylene
Concen: 20.77 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

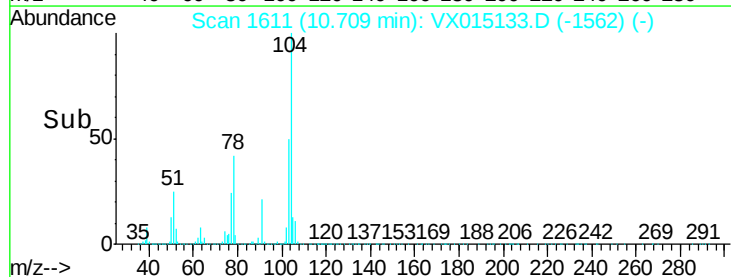
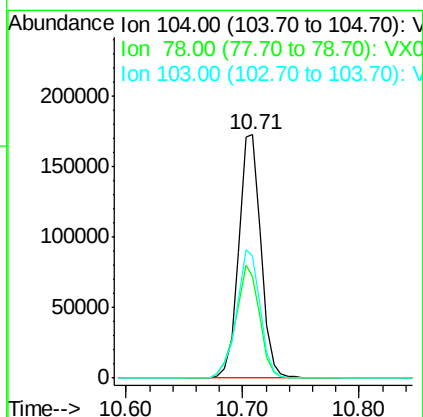
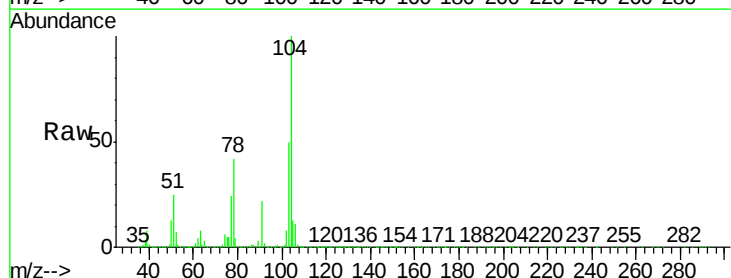
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

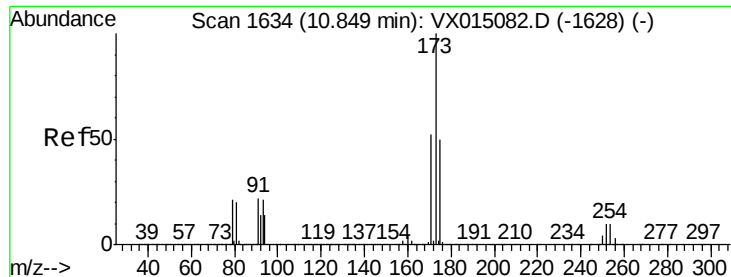
Tgt Ion:106 Resp: 133393
Ion Ratio Lower Upper
106 100
91 213.1 105.4 316.1



#70
Styrene
Concen: 20.86 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion:104 Resp: 229720
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 55.9 43.7 65.5

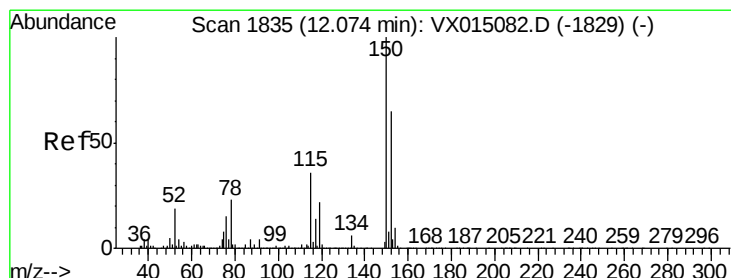
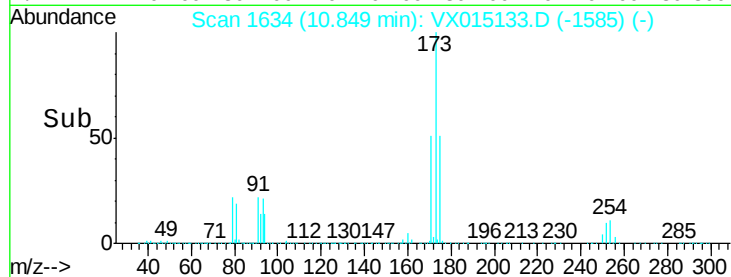
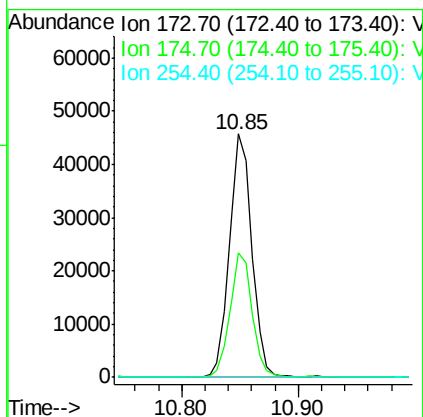
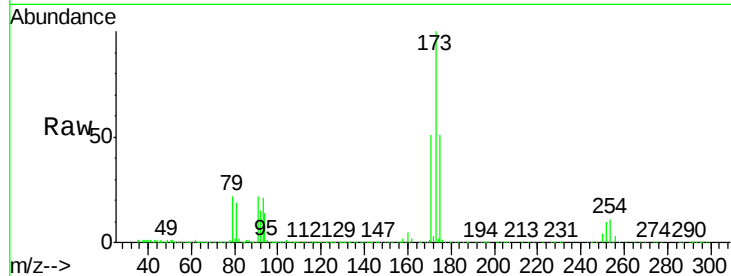




#71
Bromoform
Concen: 20.26 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

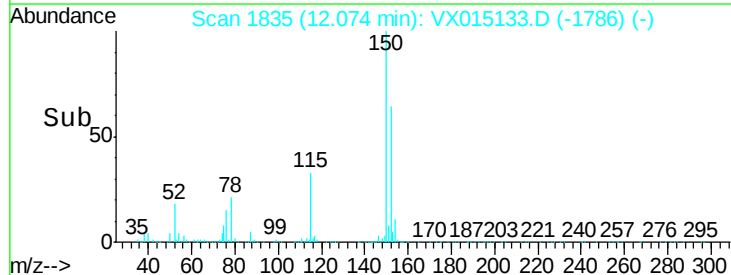
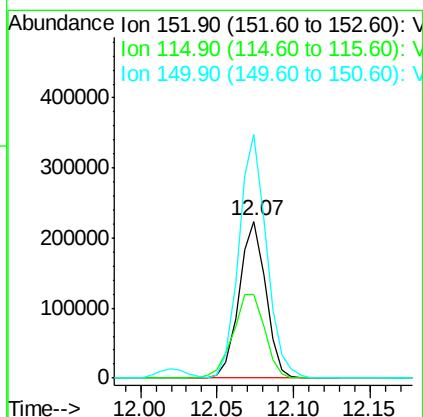
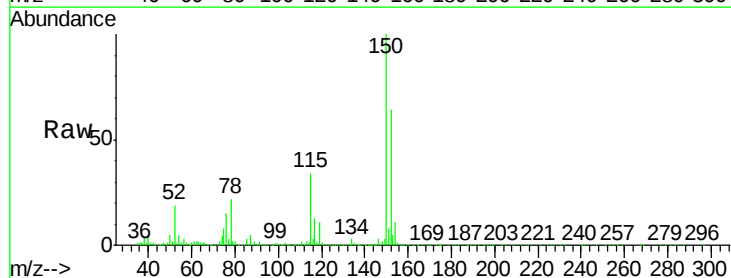
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

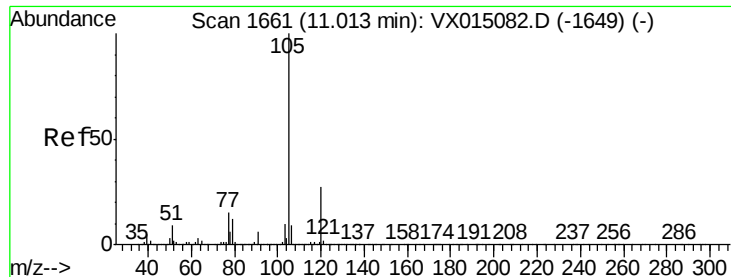
Tgt Ion:173 Resp: 61510
Ion Ratio Lower Upper
173 100
175 50.6 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion:152 Resp: 268809
Ion Ratio Lower Upper
152 100
115 63.9 38.2 114.6
150 161.8 0.0 343.8





#73

Isopropylbenzene

Concen: 21.35 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

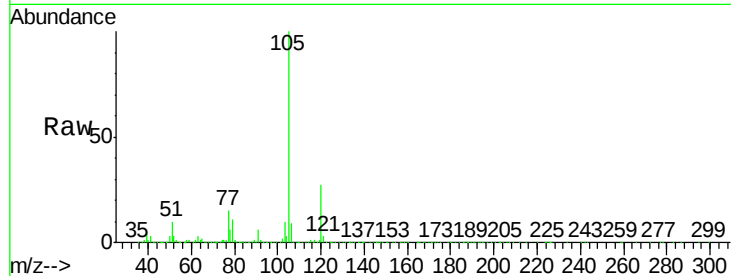
VX0309WBS01

Tgt Ion: 105 Resp: 366562

Ion Ratio Lower Upper

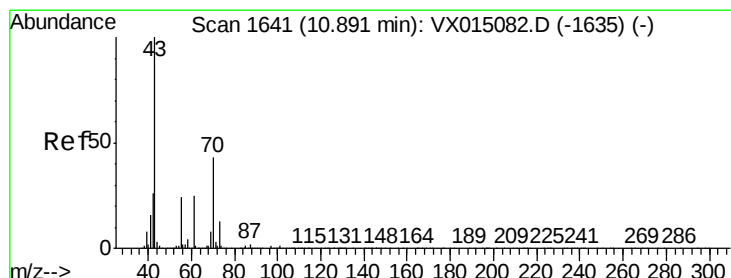
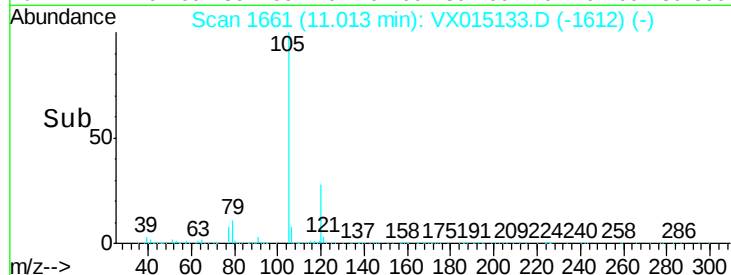
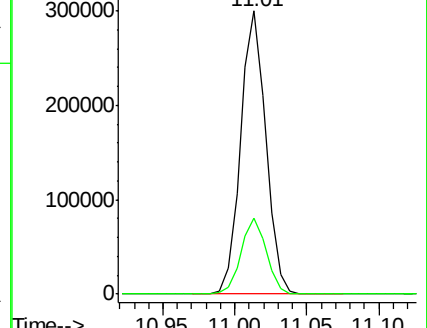
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.12 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion: 43 Resp: 145587

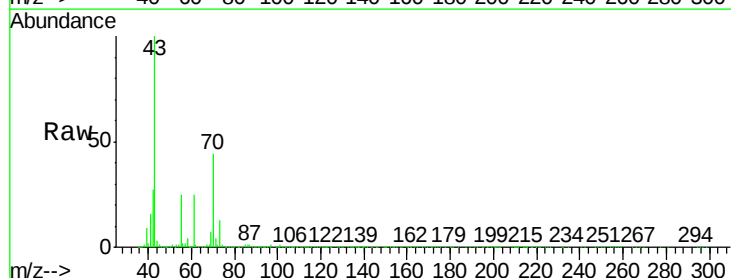
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.7 19.4 29.0

61 24.9 19.0 28.6

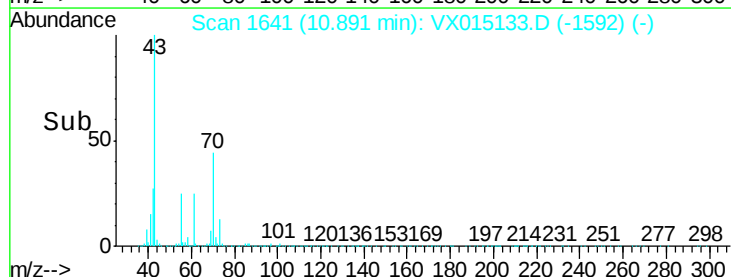
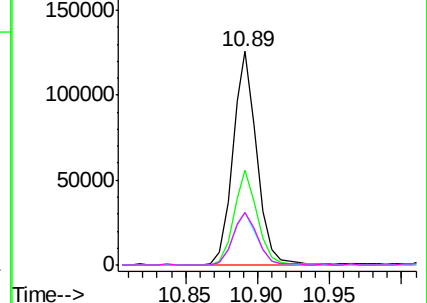


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.29 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

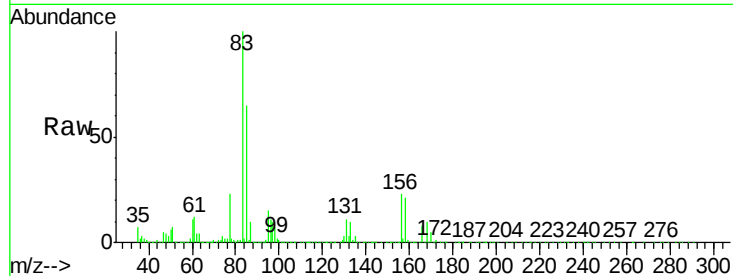
Tgt Ion: 83 Resp: 116088

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

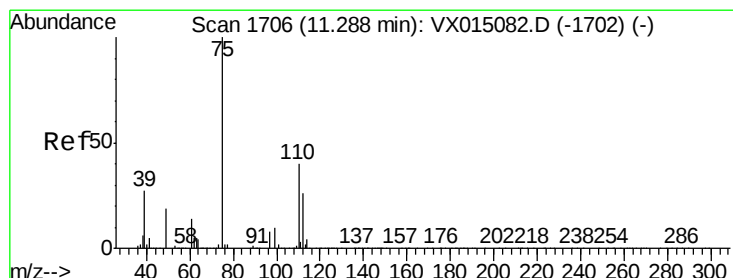
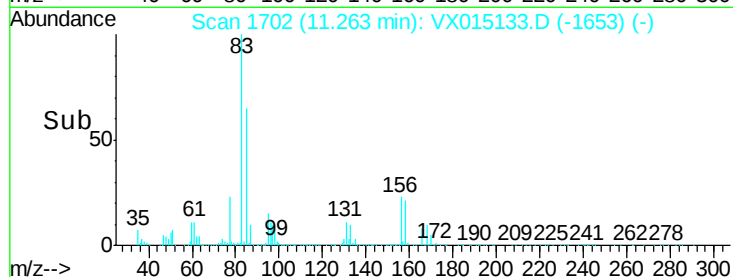
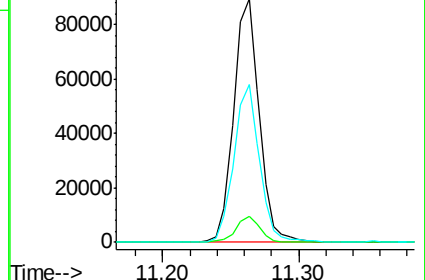
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.37 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015133.D

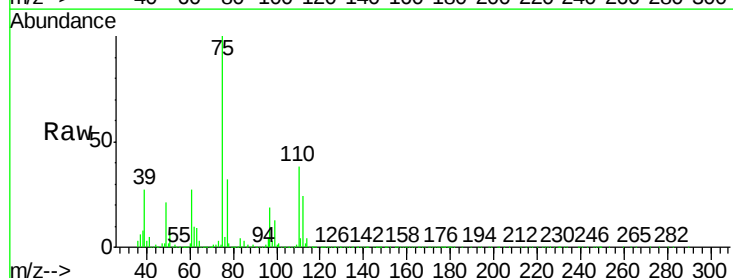
Acq: 09 Mar 2020 11:24

Tgt Ion: 75 Resp: 130673

Ion Ratio Lower Upper

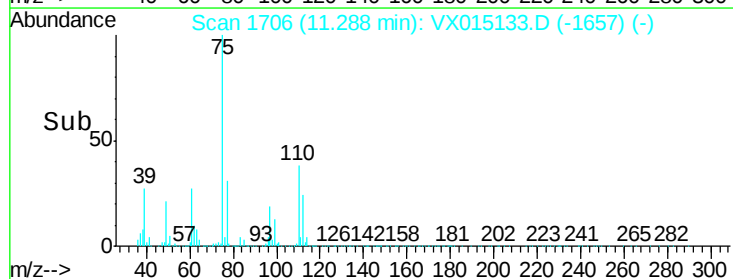
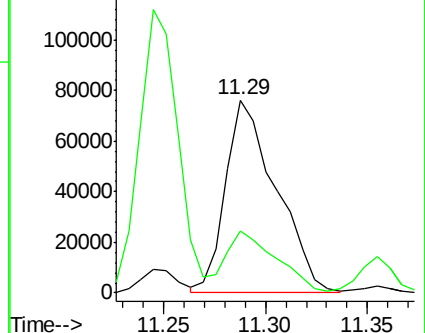
75 100

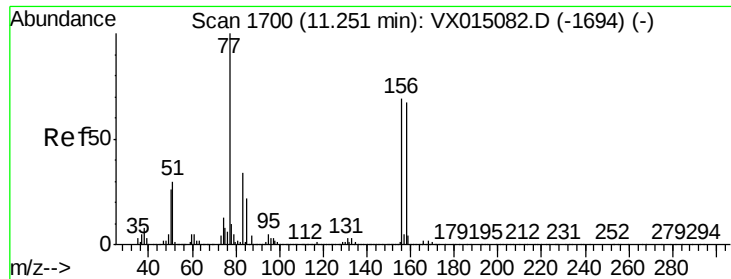
77 32.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

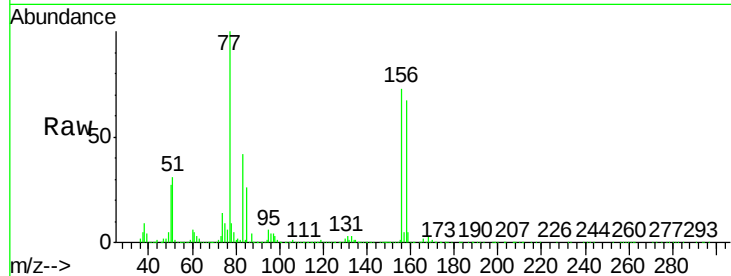
Tgt Ion:156 Resp: 97674

Ion Ratio Lower Upper

156 100

77 148.7 75.3 225.9

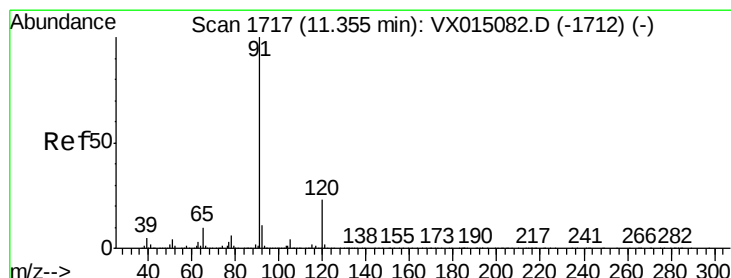
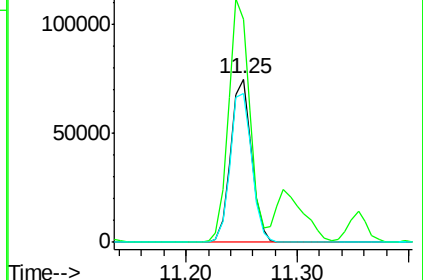
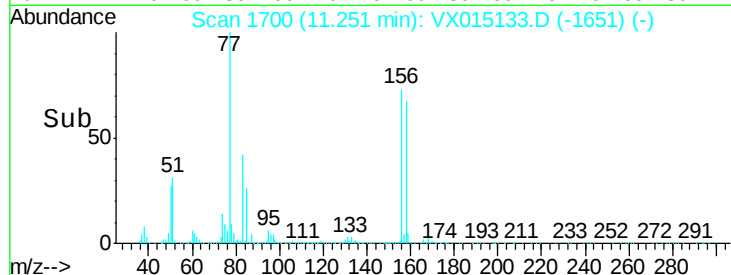
158 95.0 48.5 145.6



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: 21.68 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015133.D

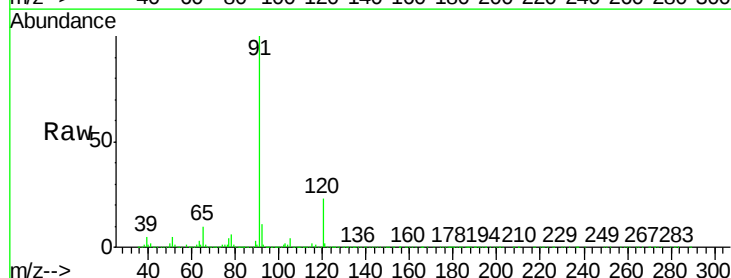
Acq: 09 Mar 2020 11:24

Tgt Ion: 91 Resp: 425406

Ion Ratio Lower Upper

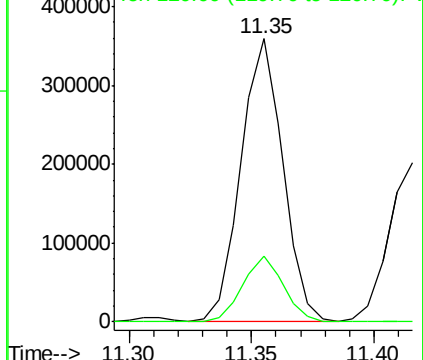
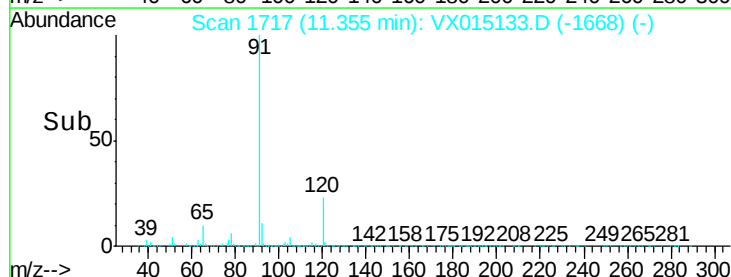
91 100

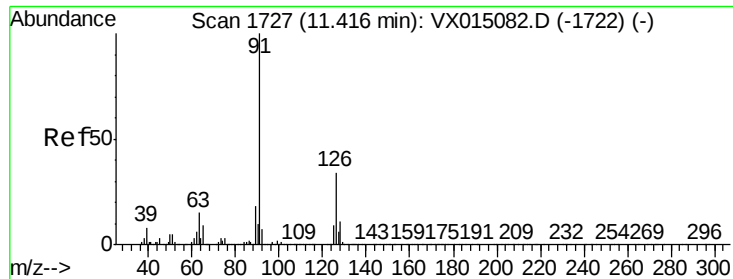
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

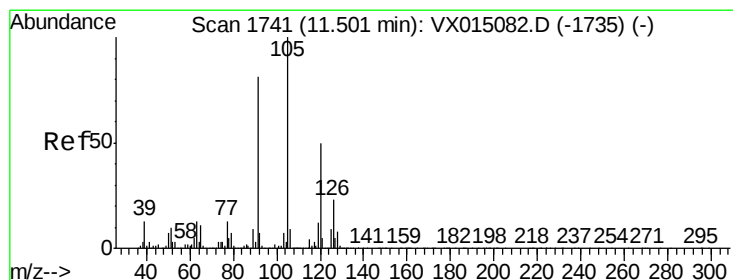
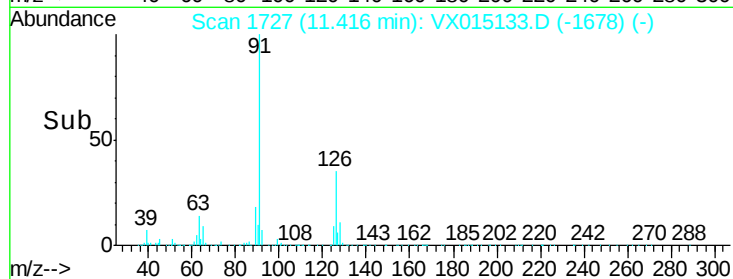
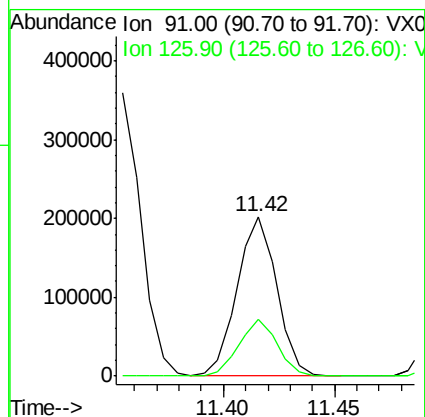
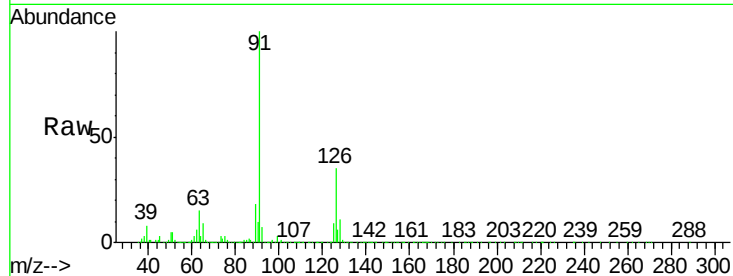




#79
 2-Chlorotoluene
 Concen: 21.32 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

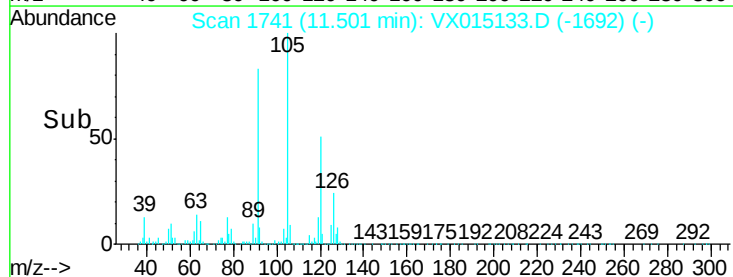
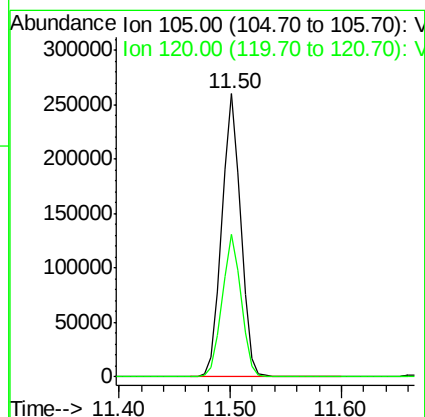
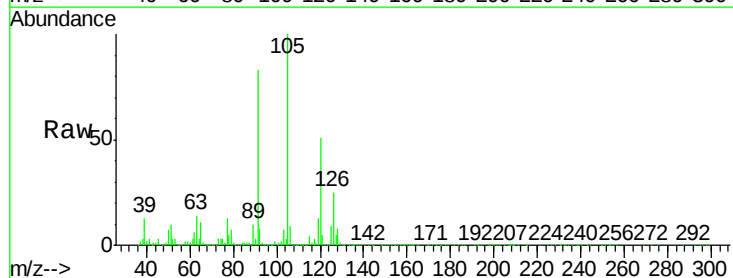
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

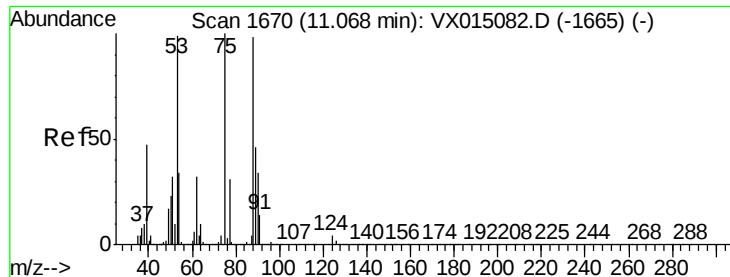
Tgt Ion: 91 Resp: 249819
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.38 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion: 105 Resp: 305605
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.4

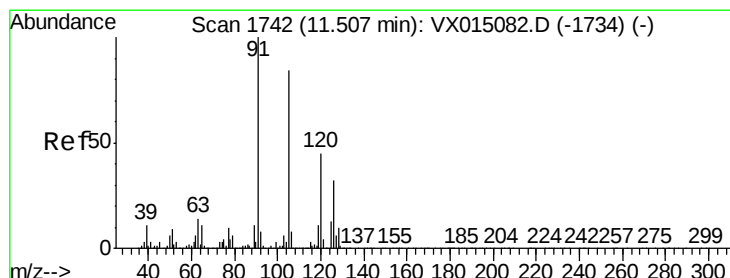
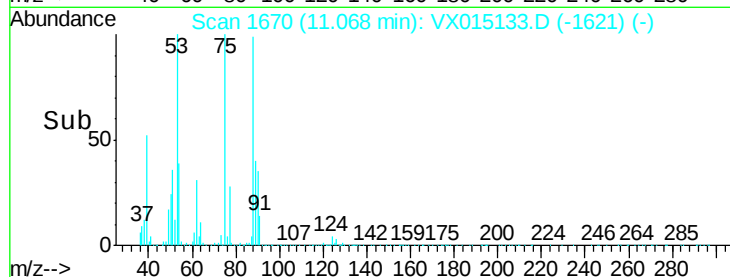
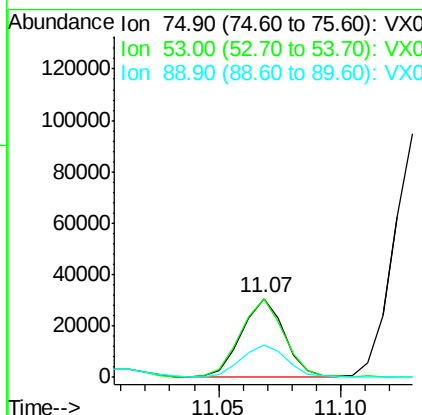
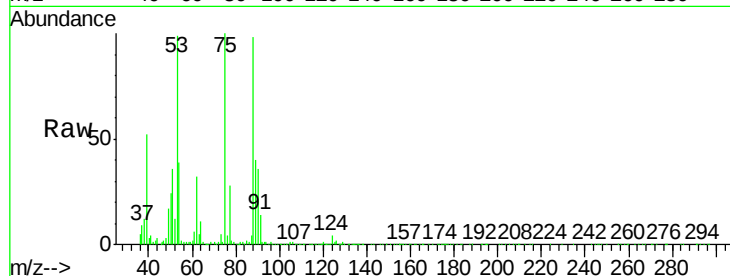




#81
trans-1,4-Dichloro-2-butene
Concen: 19.49 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

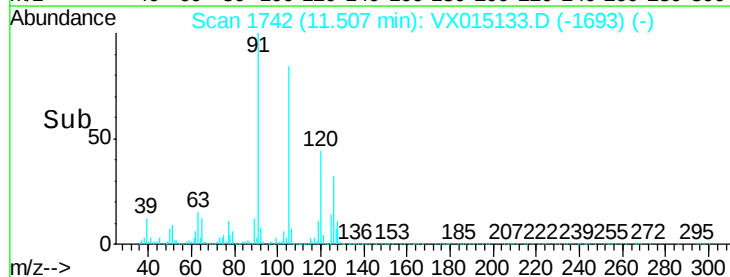
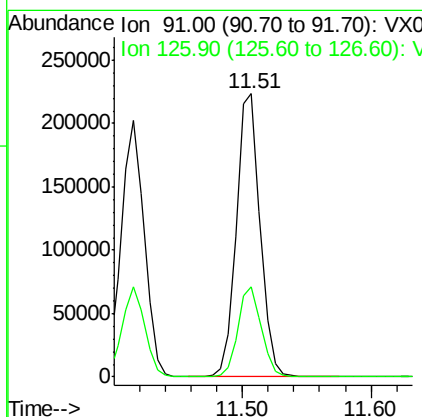
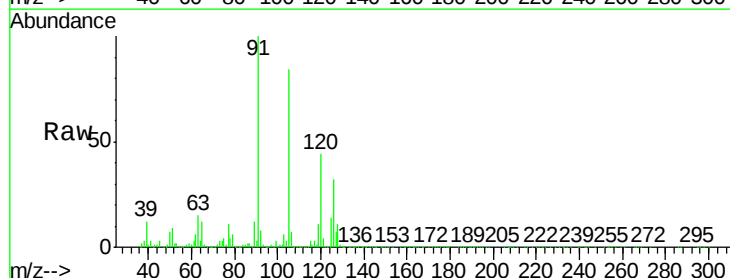
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tgt Ion: 75 Resp: 36825
Ion Ratio Lower Upper
75 100
53 102.7 77.9 116.9
89 45.7 36.2 54.2



#82
4-Chlorotoluene
Concen: 20.61 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 91 Resp: 285290
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2

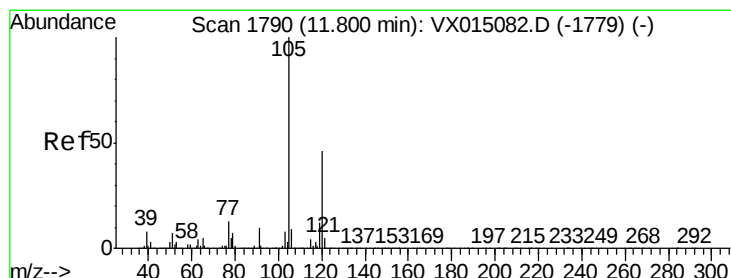
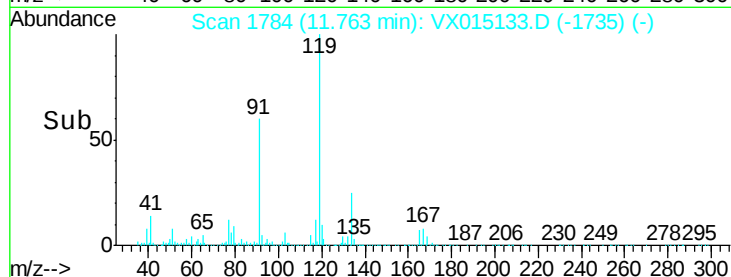
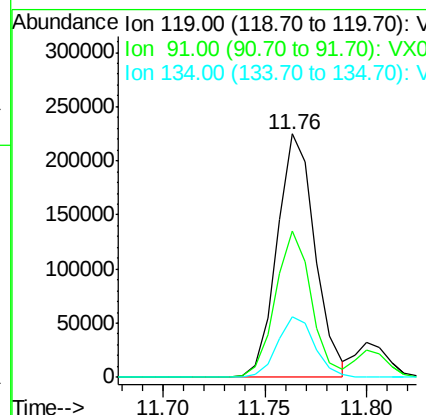
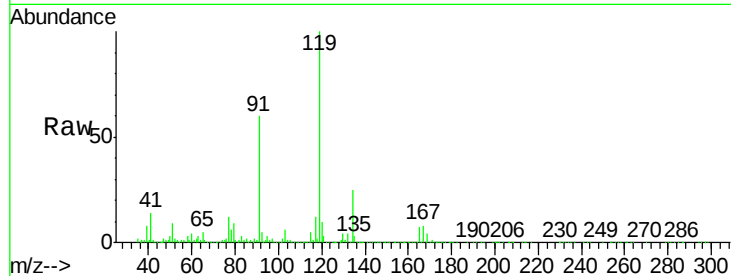




#83
 tert-Butylbenzene
 Concen: 21.10 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

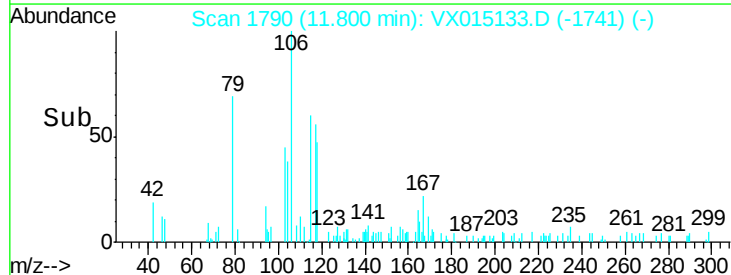
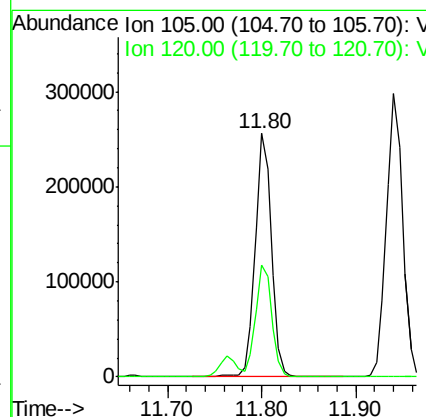
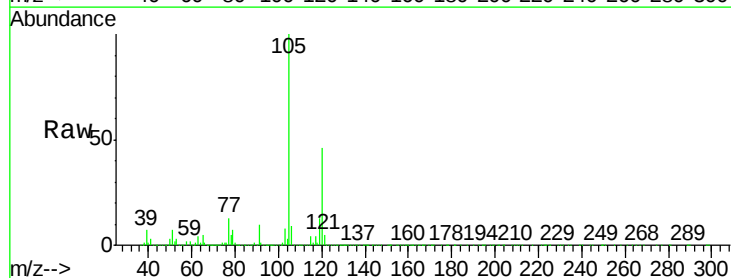
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

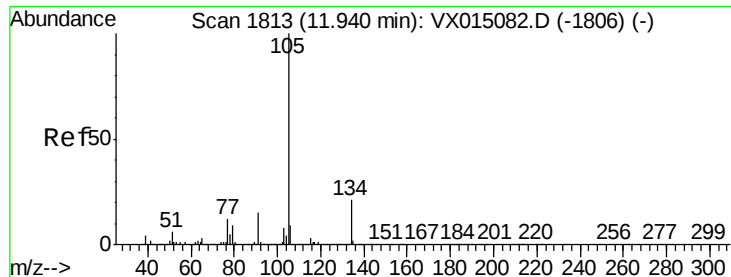
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.5	85.6
134	24.3	11.9	35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.62 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5

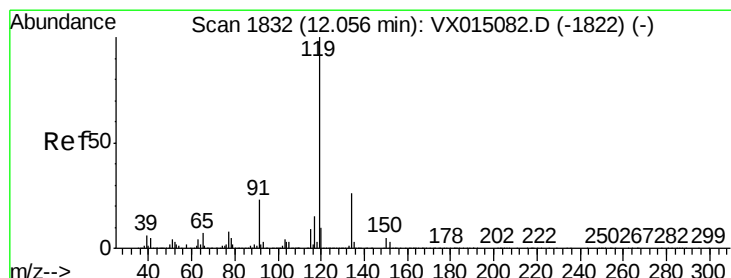
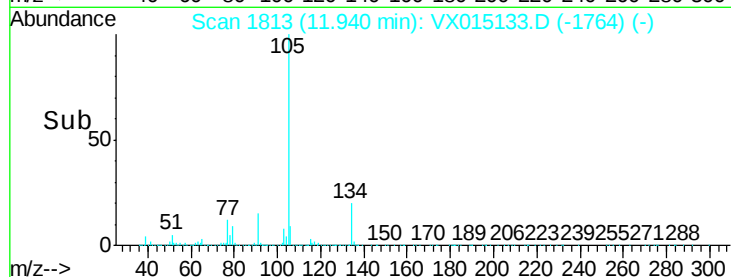
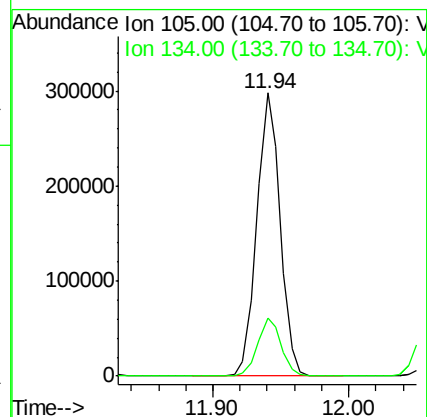
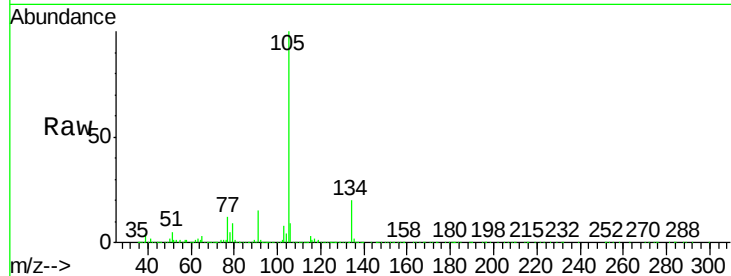




#85
 sec-Butylbenzene
 Concen: 21.54 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

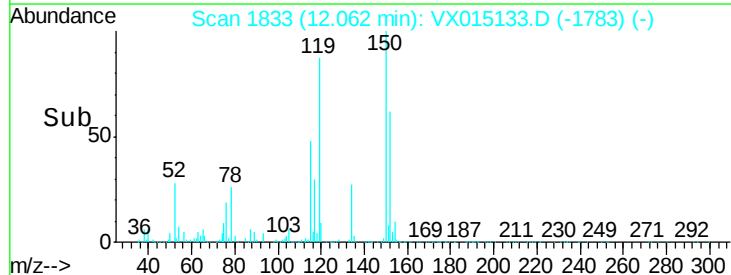
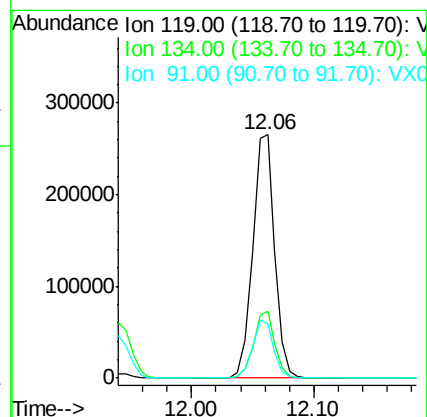
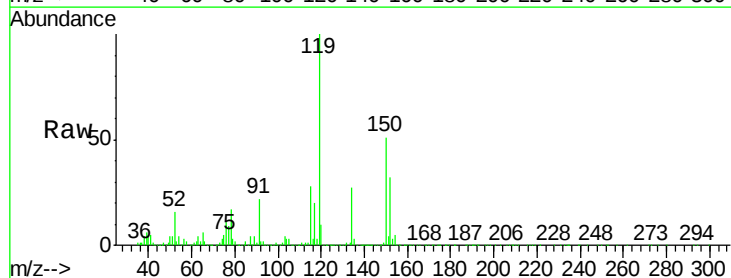
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

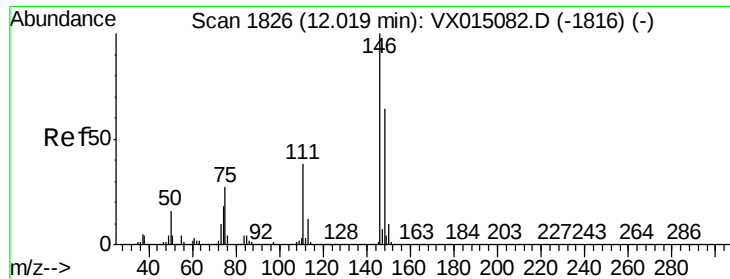
Tgt Ion:105 Resp: 359478
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.44 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion:119 Resp: 329547
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.37 ug/l

RT: 12.02 min Scan# 1826

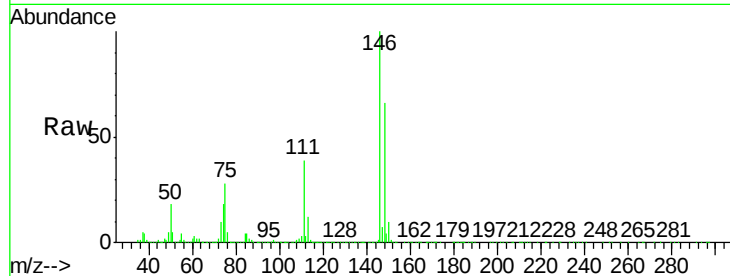
Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

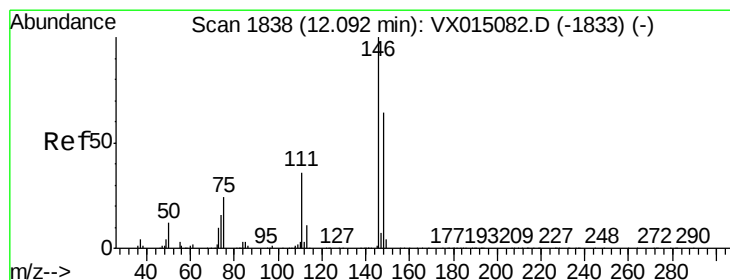
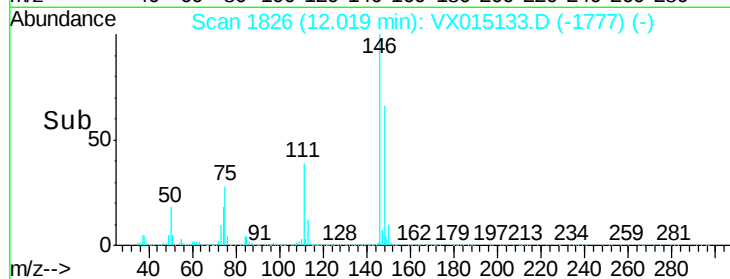
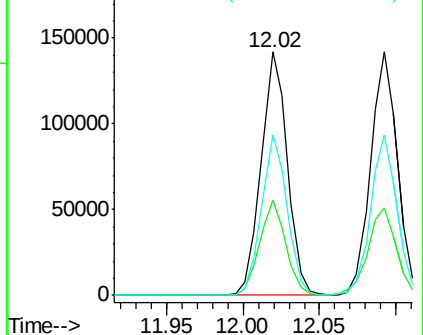
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.0	31.9	95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.83 ug/l

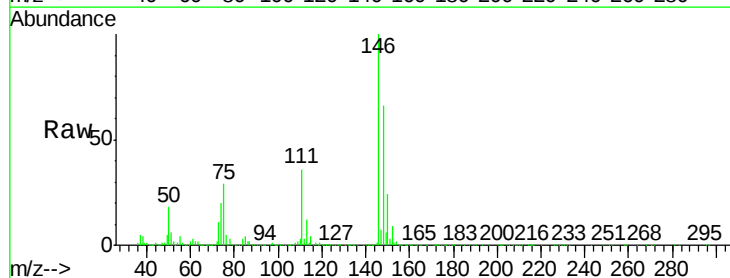
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

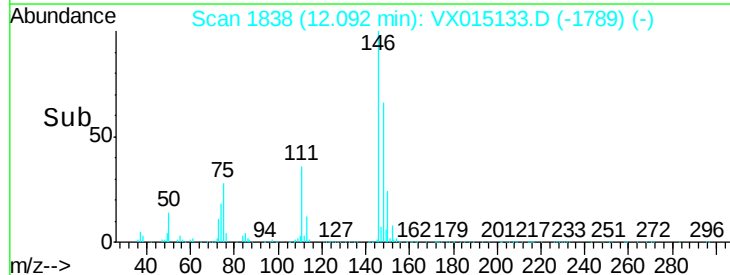
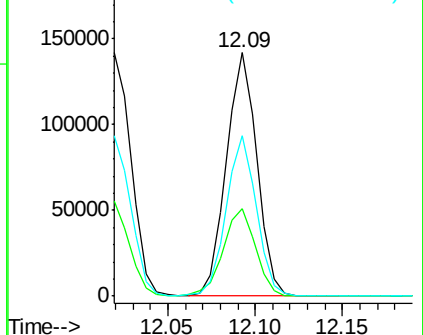
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.1	32.5	97.4

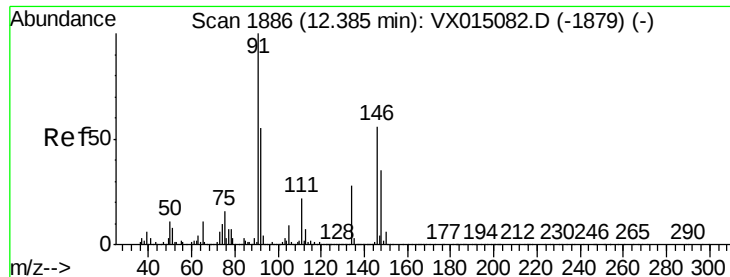


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

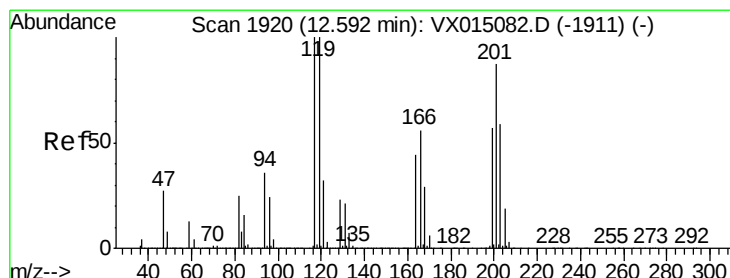
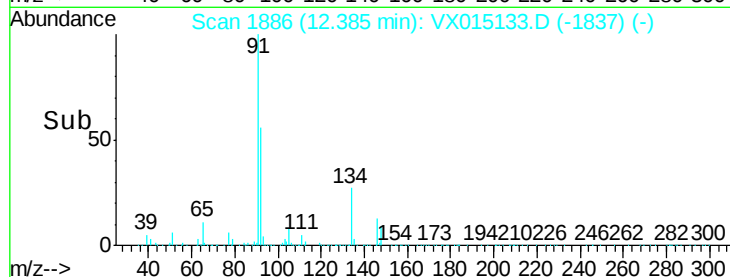
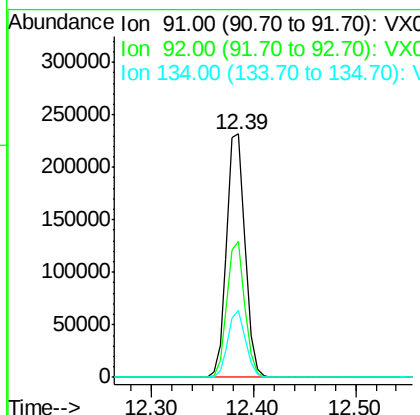
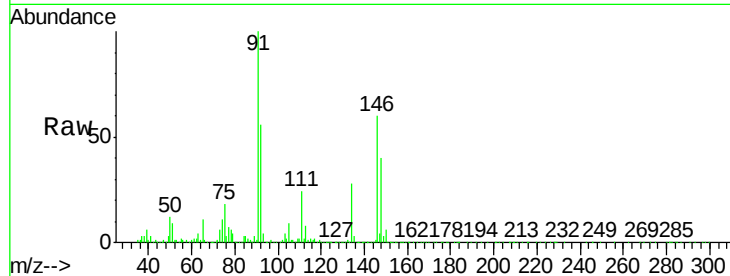




#89
n-Butylbenzene
Concen: 21.20 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

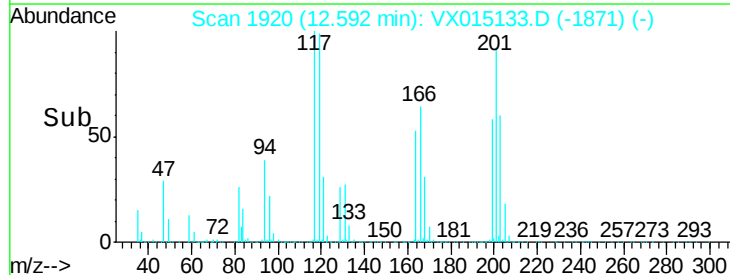
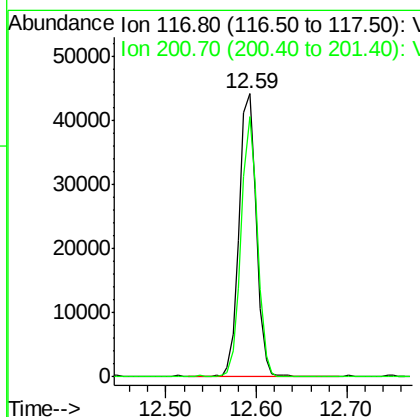
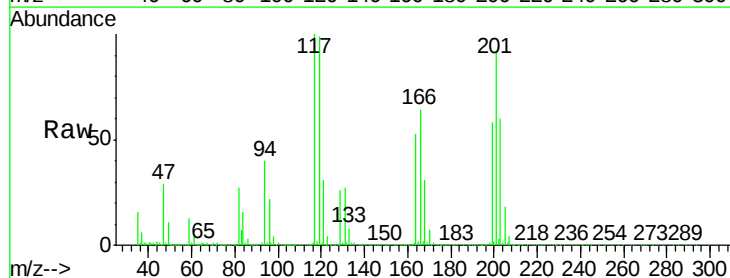
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

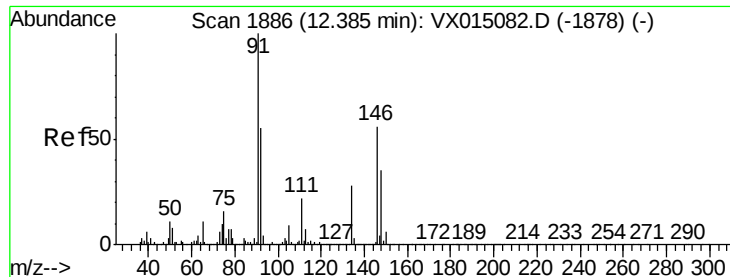
Tgt Ion: 91 Resp: 289872
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 26.4 13.5 40.5



#90
Hexachloroethane
Concen: 20.19 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 117 Resp: 58690
Ion Ratio Lower Upper
117 100
201 86.6 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 20.32 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

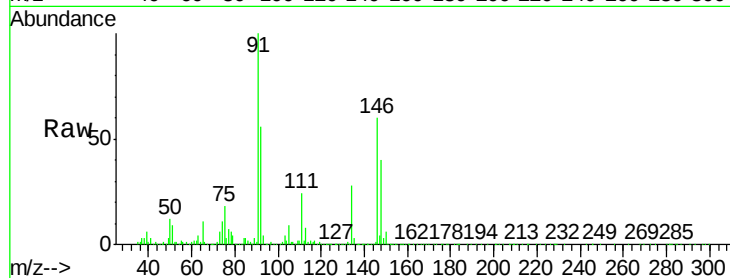
Tgt Ion:146 Resp: 169932

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

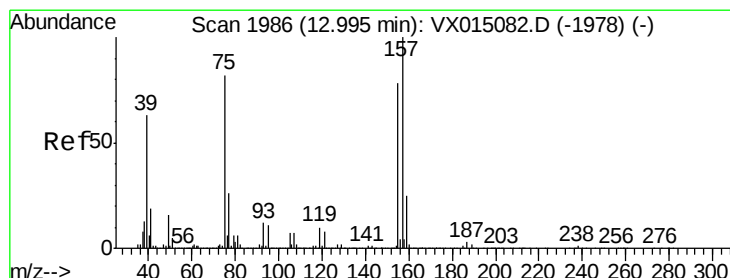
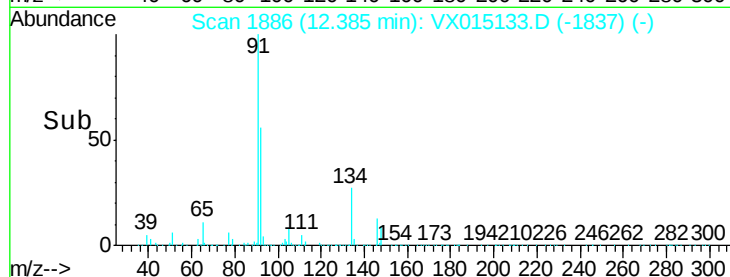
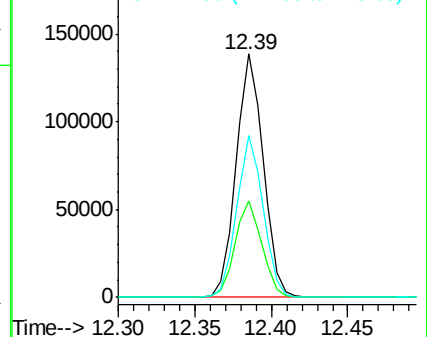
148 64.6 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.93 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

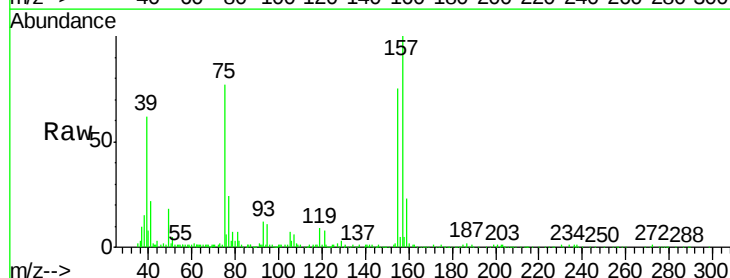
Tgt Ion: 75 Resp: 22839

Ion Ratio Lower Upper

75 100

155 94.9 46.6 139.7

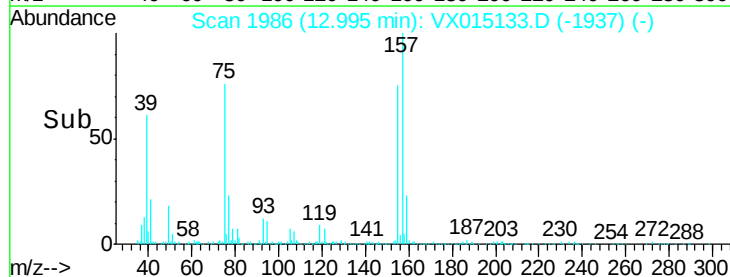
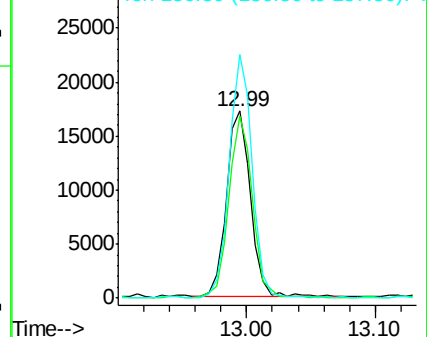
157 124.3 59.2 177.5

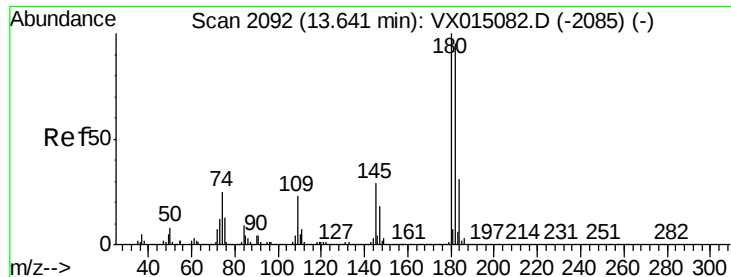


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

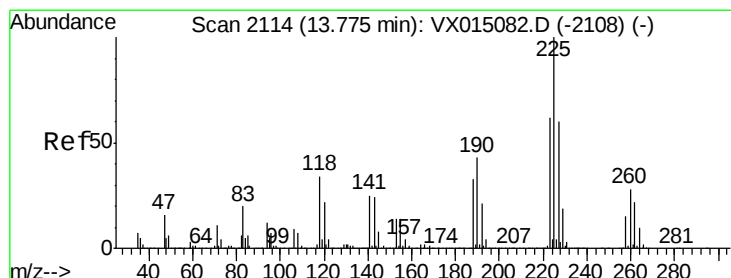
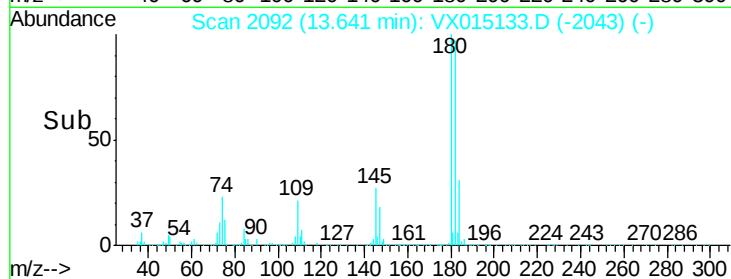
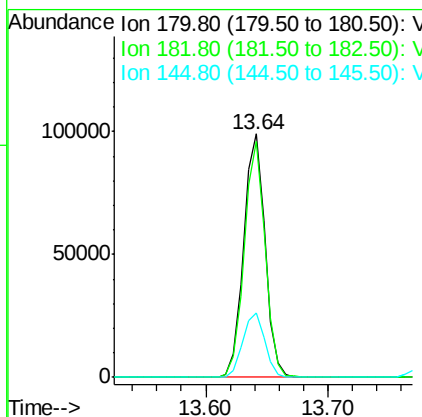
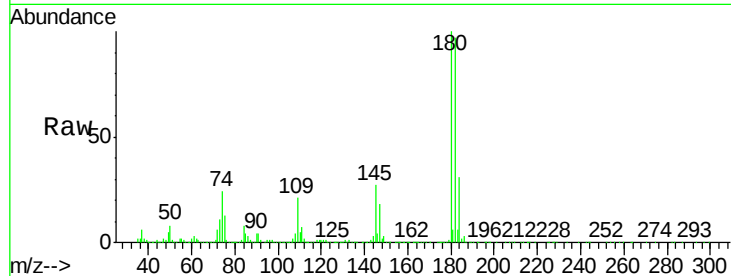




#93
 1,2,4-Trichlorobenzene
 Concen: 20.62 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

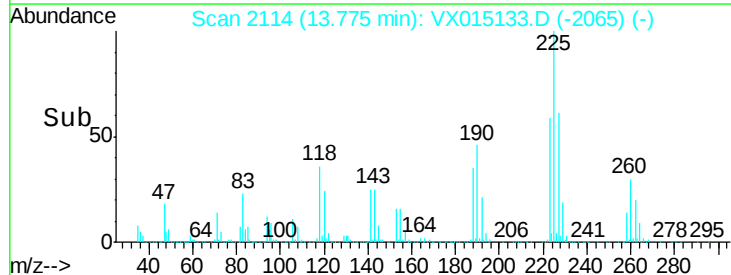
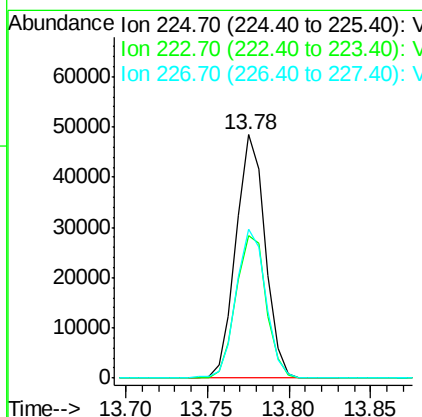
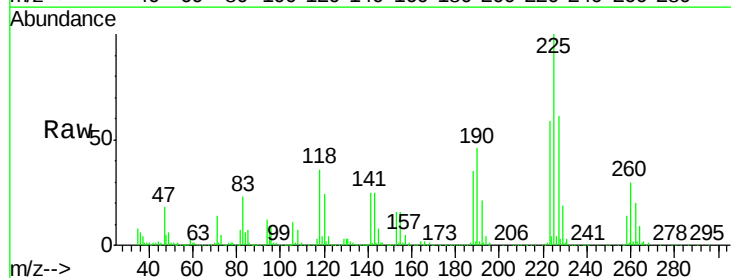
Instrument :
 MSVOA_X
 ClientSampled :
 VX0309WBS01

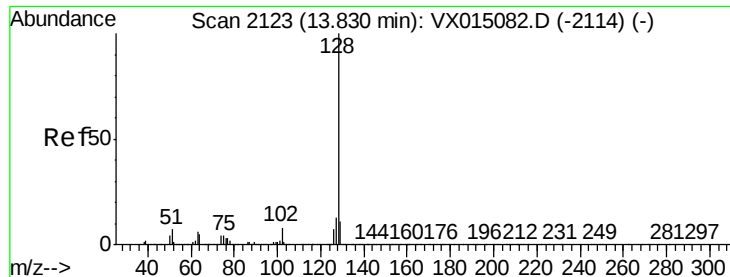
Tgt Ion:180 Resp: 119743
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.8
 145 27.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.37 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion:225 Resp: 60698
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.3 93.9
 227 62.1 31.1 93.2

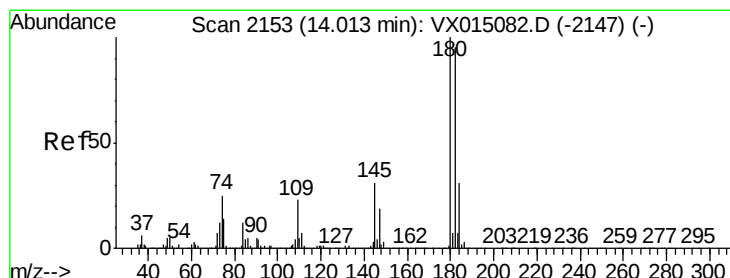
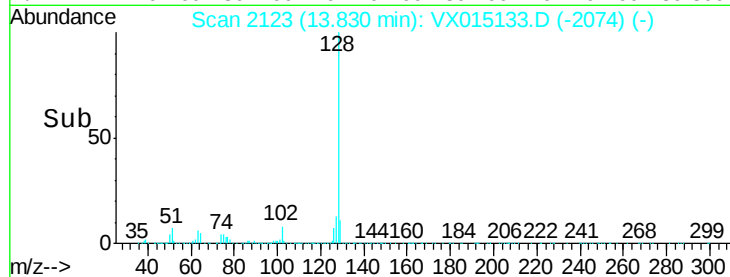
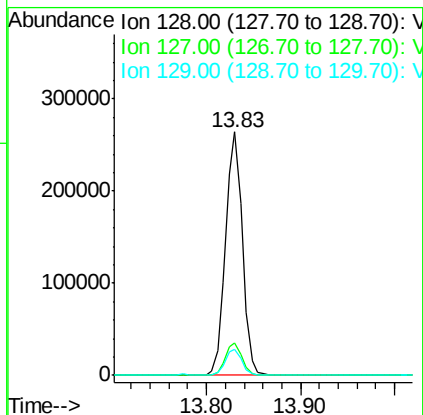
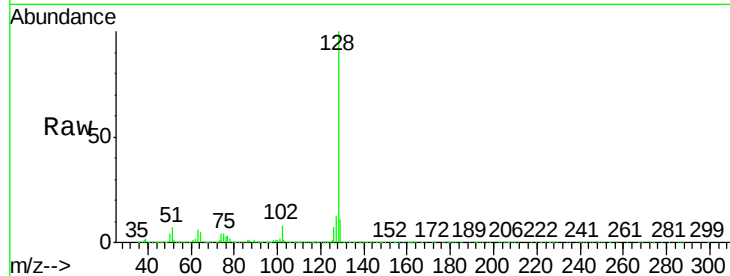




#95
Naphthalene
Concen: 19.33 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tgt Ion:128 Resp: 327995
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.50 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion:180 Resp: 118761
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.4
145 29.5 15.1 45.3

