

Data File : VX015238.D
Acq On : 12 Mar 2020 17:14
Operator : JC/SP
Sample : VX0312WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Quant Time: Mar 13 03:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31716	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	416541	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	382385	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	152467	71.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	237.53%#
60) 4-Bromofluorobenzene	11.13	95	180129	29.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.63%
63) Toluene-d8	8.71	98	496910	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43182	27.073	ug/l	98
3) Chloromethane	1.32	50	62014	26.928	ug/l	97
4) Vinyl Chloride	1.40	62	61388	26.196	ug/l	96
5) Bromomethane	1.64	94	38704	25.351	ug/l	97
6) Chloroethane	1.72	64	39471	26.816	ug/l	99
7) Trichlorofluoromethane	1.92	101	77145	25.822	ug/l	95
8) Diethyl Ether	2.18	74	36483	27.551	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48523	26.484	ug/l	99
10) 1,1-Dichloroethene	2.37	96	48150	26.067	ug/l	98
11) Methyl Iodide	2.50	142	41649	21.921	ug/l	99
12) Methyl Acetate	2.76	43	69403	30.458	ug/l	95
13) Acrolein	2.28	56	47081	130.837	ug/l	100
14) Acrylonitrile	3.13	53	152929	144.631	ug/l	98
15) Acetone	2.43	58	39346	126.820	ug/l	100
16) Carbon Disulfide	2.56	76	124482	24.065	ug/l	99
17) Allyl chloride	2.72	41	92455	26.979	ug/l	99
18) Methylene Chloride	2.85	84	57384	27.489	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	52853	26.527	ug/l	90
20) Diisopropyl ether	3.84	45	191815	28.177	ug/l	99
21) 1,1-Dichloroethane	3.69	63	99342	27.542	ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	61480	27.298	ug/l	97
23) tert-Butyl Alcohol	3.02	59	61955	149.866	ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	165282	27.693	ug/l	97
25) Chloroform	5.20	83	96788	28.208	ug/l	99
26) Cyclohexane	5.58	56	87192	26.012	ug/l #	97
29) 1,1-Dichloropropene	5.79	75	72819	11.392	ug/l	98
30) 2-Butanone	4.65	43	203619	59.484	ug/l	100
31) 2,2-Dichloropropane	4.58	77	73854	11.247	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	79294	11.399	ug/l	99
33) Carbon Tetrachloride	5.78	117	67314	11.308	ug/l	94
34) Benzene	6.14	78	224508	11.591	ug/l	98
35) Methacrylonitrile	5.03	41	44062	11.906	ug/l	95
36) 1,2-Dichloroethane	6.18	62	73422	11.364	ug/l	99
37) Trichloroethene	7.21	130	61324	11.448	ug/l	92
38) Methylcyclohexane	7.46	83	84838	10.924	ug/l	98
39) 1,2-Dichloropropane	7.51	63	59738	11.939	ug/l	98
40) Dibromomethane	7.65	93	35988	11.317	ug/l	95

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ClientSampleId :
VX0312WBSD01

Quant Time: Mar 13 03:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	72791	11.573	ug/l	96
42) Vinyl Acetate	3.80	43	790912	58.591	ug/l	99
43) Ethyl Acetate	4.82	43	80714	12.428	ug/l	99
44) Isopropyl Acetate	6.43	43	130002	11.834	ug/l	100
45) 1,4-Dioxane	7.73	88	28016	259.662	ug/l	99
46) Methyl methacrylate	7.76	41	64520	11.911	ug/l	97
47) n-amyl Acetate	10.89	43	111077	11.268	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	78792	11.521	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	88394	11.381	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	57233	12.171	ug/l	95
51) Ethyl methacrylate	9.17	69	87820	11.969	ug/l	98
52) 1,3-Dichloropropane	9.37	76	97970	12.310	ug/l	100
53) Dibromochloromethane	9.57	129	59373	11.856	ug/l	97
54) 1,2-Dibromoethane	9.67	107	60126	12.395	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	225563	61.381	ug/l	100
56) Bromoform	10.85	173	44201	11.258	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	409324	62.877	ug/l	100
59) 2-Hexanone	9.48	43	303471	61.676	ug/l	99
61) Tetrachloroethene	9.33	164	62745	11.788	ug/l	98
62) Toluene	8.78	91	240350	11.878	ug/l	99
64) Chlorobenzene	10.14	112	151286	11.701	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	57230	12.017	ug/l	99
66) Ethyl Benzene	10.25	91	257549	11.426	ug/l	99
67) m/p-Xylenes	10.35	106	197676	22.845	ug/l	100
68) o-Xylene	10.70	106	97391	11.739	ug/l	96
69) Styrene	10.71	104	166613	11.540	ug/l	100
70) Isopropylbenzene	11.01	105	254260	11.515	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	85626	11.946	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	96392	16.430	ug/l	85
73) Bromobenzene	11.25	156	69544	11.549	ug/l	98
74) n-propylbenzene	11.35	91	296133	11.352	ug/l	99
75) 2-Chlorotoluene	11.42	91	175447	11.519	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	211655	11.229	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	26414	10.750	ug/l	96
78) 4-Chlorotoluene	11.51	91	199534	11.379	ug/l	100
79) tert-butylbenzene	11.76	119	207502	11.742	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	215009	11.538	ug/l	100
81) sec-Butylbenzene	11.94	105	252310	11.504	ug/l	100
82) p-Isopropyltoluene	12.06	119	230754	11.441	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	124684	11.718	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	121732	11.438	ug/l	97
85) n-Butylbenzene	12.39	91	196806	11.135	ug/l	97
86) Hexachloroethane	12.59	117	39877	11.295	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	122055	11.765	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17454	11.827	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	87334	11.389	ug/l	100
90) Hexachlorobutadiene	13.78	225	45549	11.546	ug/l	99
91) Naphthalene	13.83	128	243558	11.465	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	88399	11.454	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031220\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VX0312WBSD01
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Instrument :
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ClientSampleId :
VX0312WBSD01

Quant Time: Mar 13 03:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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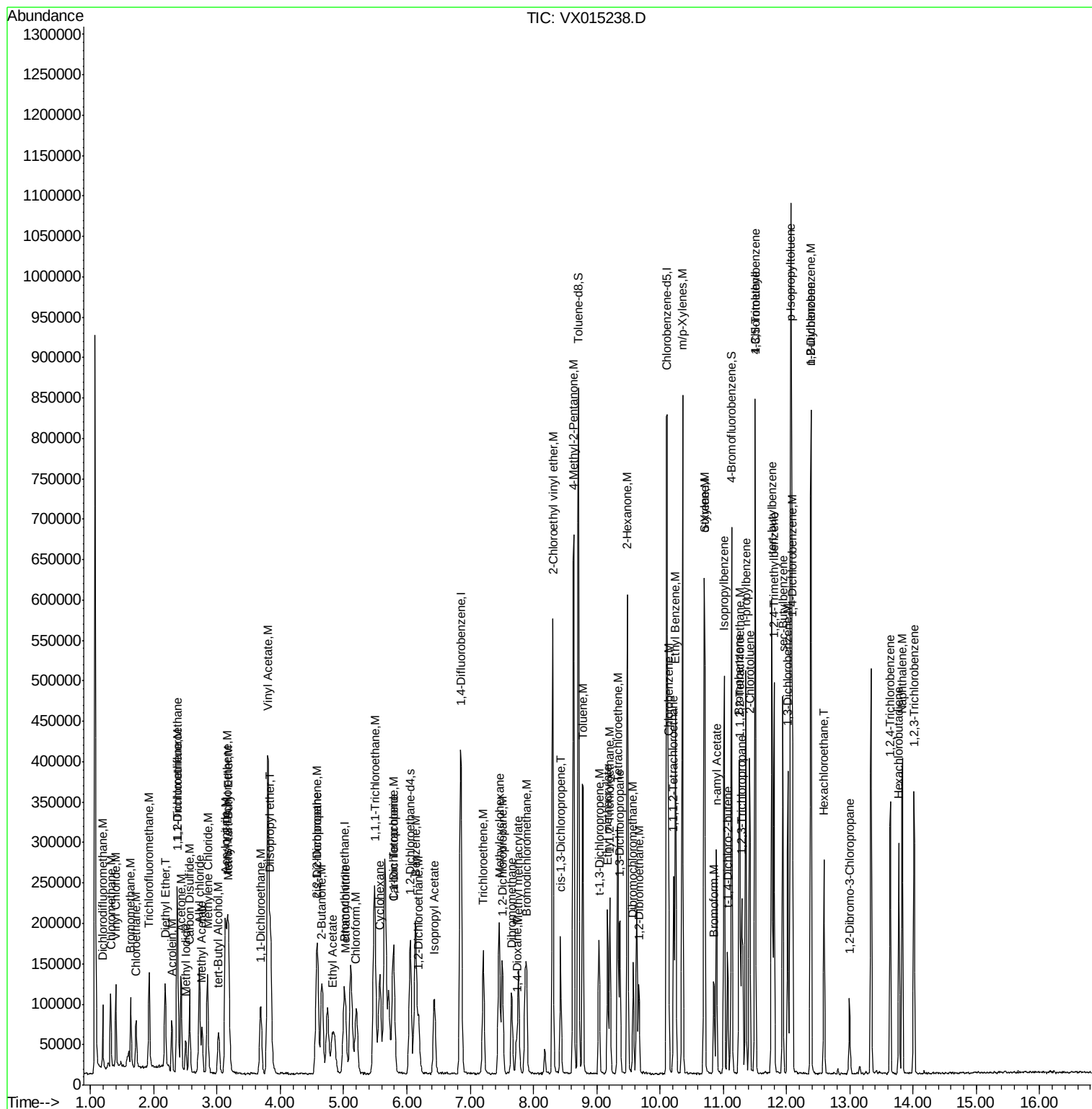
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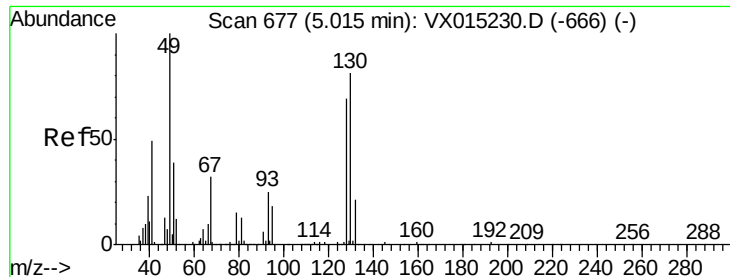
Data File : VX015238.D

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Acq On       : 12 Mar 2020   17:14
Operator    : JC/SP
Sample      : VX0312WBSD01
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 20   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Quant Time: Mar 13 03:39:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

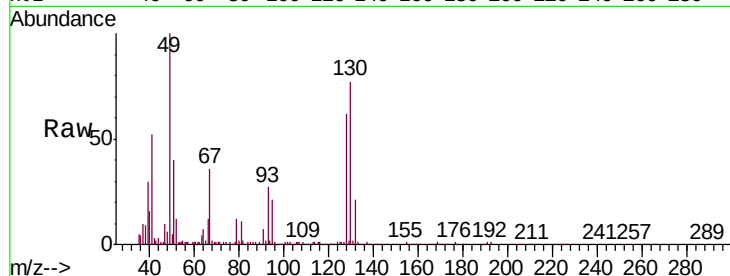
Tgt Ion:128 Resp: 31716

Ion Ratio Lower Upper

128 100

49 162.1 0.0 406.8

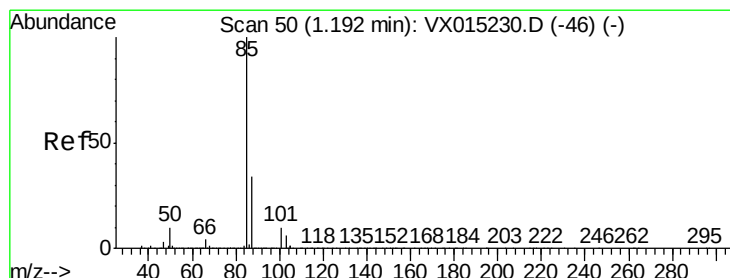
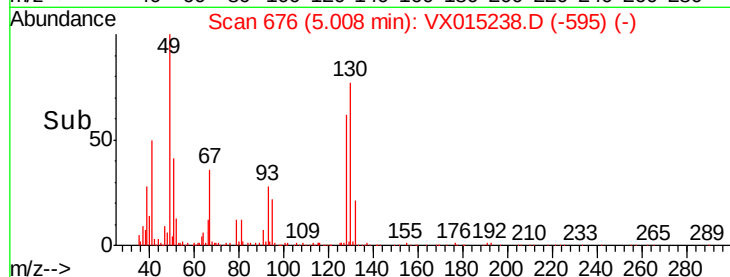
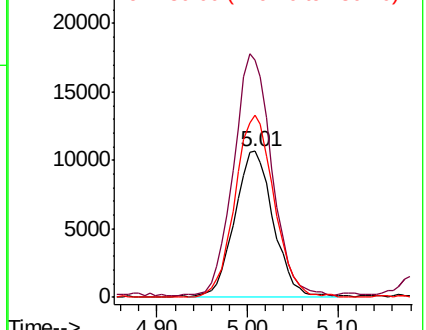
130 125.5 0.0 319.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 27.073 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015238.D

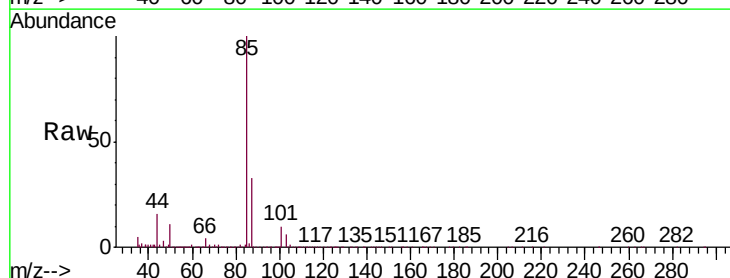
Acq: 12 Mar 2020 17:14

Tgt Ion: 85 Resp: 43182

Ion Ratio Lower Upper

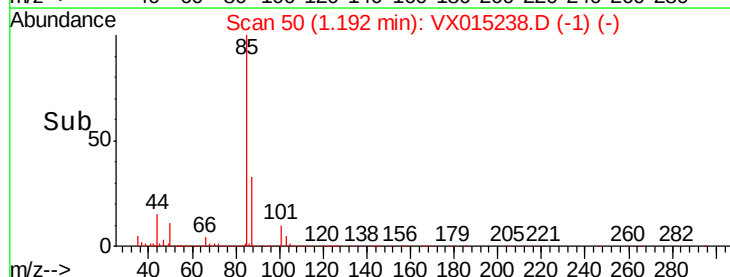
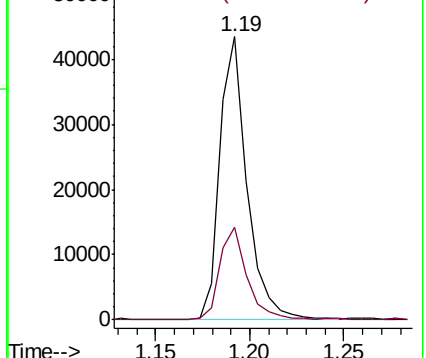
85 100

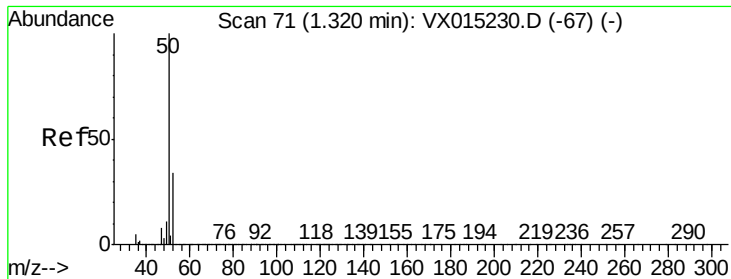
87 32.4 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

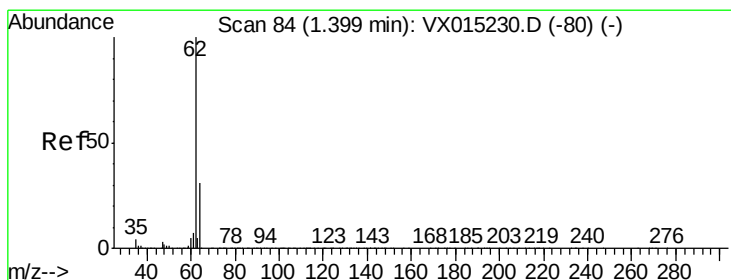
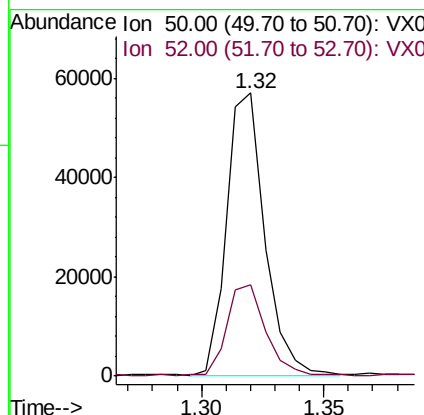
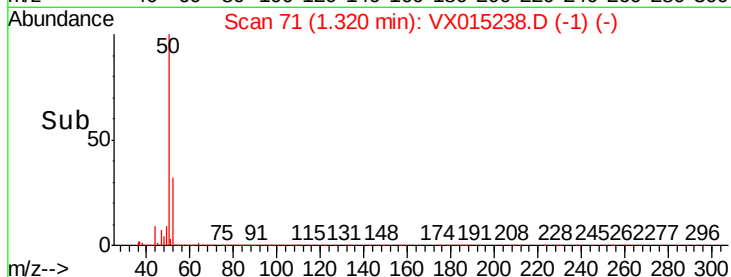
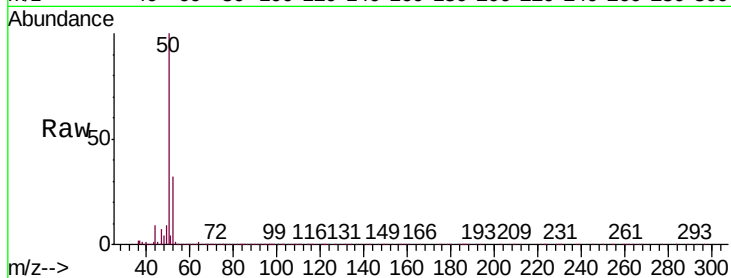




#3
Chloromethane
Concen: 26.928 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

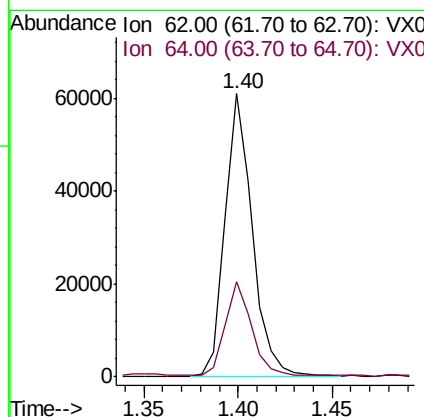
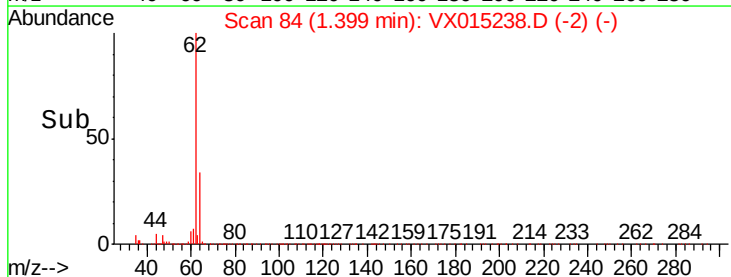
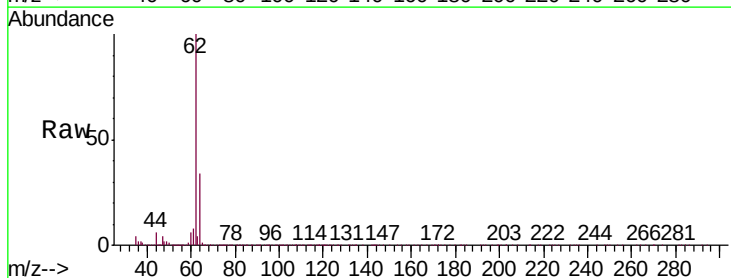
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

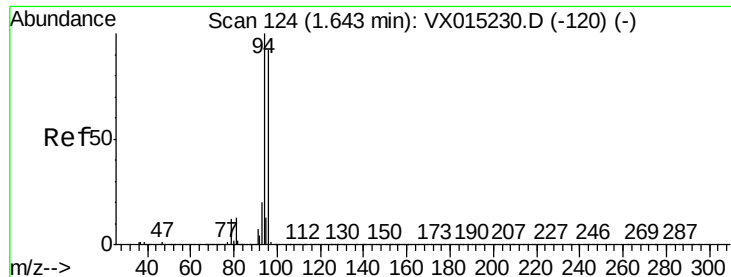
Tgt Ion: 50 Resp: 62014
Ion Ratio Lower Upper
50 100
52 32.1 26.9 40.3



#4
Vinyl Chloride
Concen: 26.196 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 62 Resp: 61388
Ion Ratio Lower Upper
62 100
64 33.1 24.9 37.3





#5

Bromomethane

Concen: 25.351 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

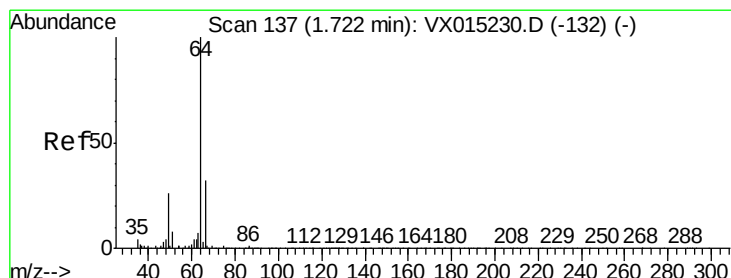
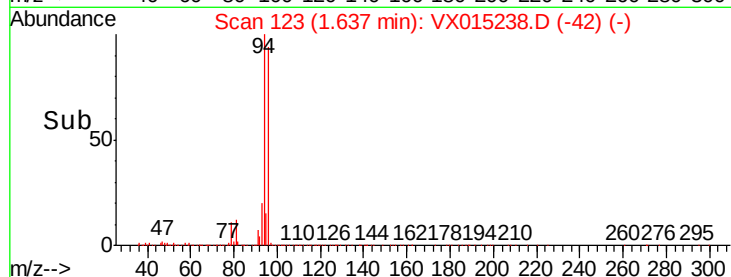
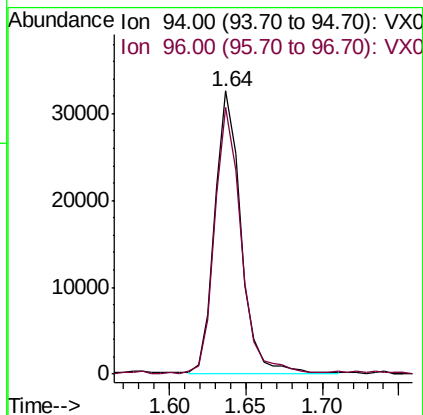
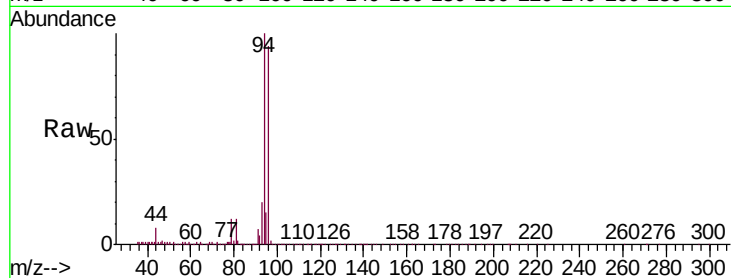
VX0312WBSD01

Tgt Ion: 94 Resp: 38704

Ion Ratio Lower Upper

94 100

96 93.7 73.0 109.4



#6

Chloroethane

Concen: 26.816 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015238.D

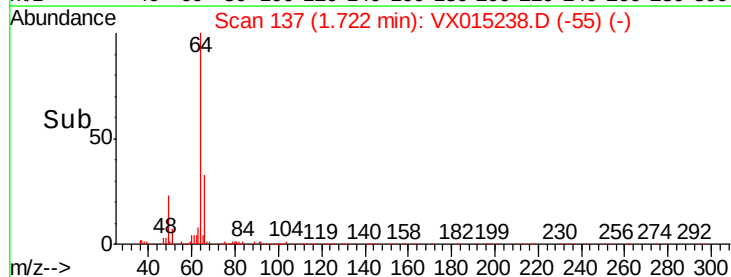
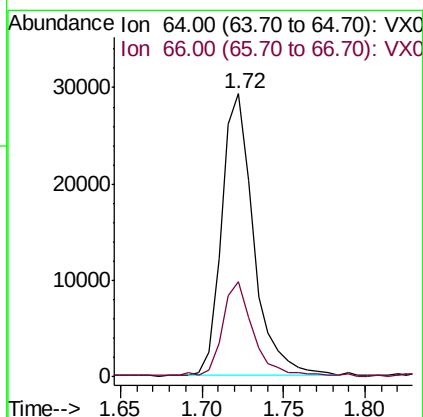
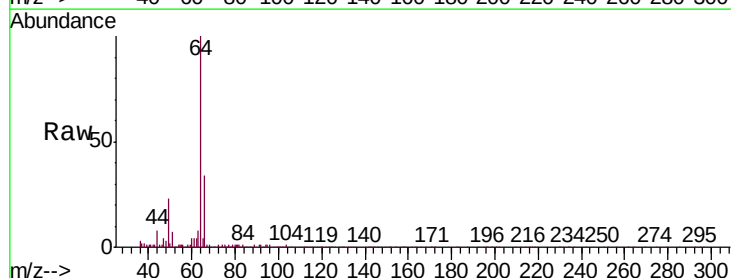
Acq: 12 Mar 2020 17:14

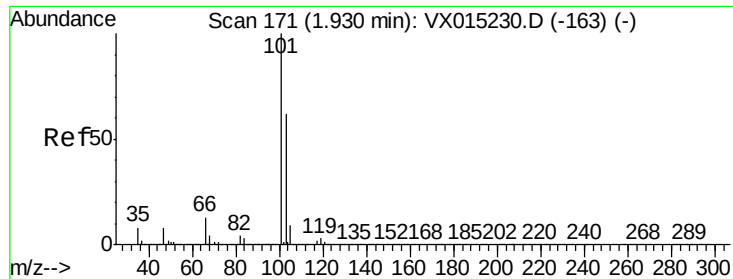
Tgt Ion: 64 Resp: 39471

Ion Ratio Lower Upper

64 100

66 33.2 25.9 38.9



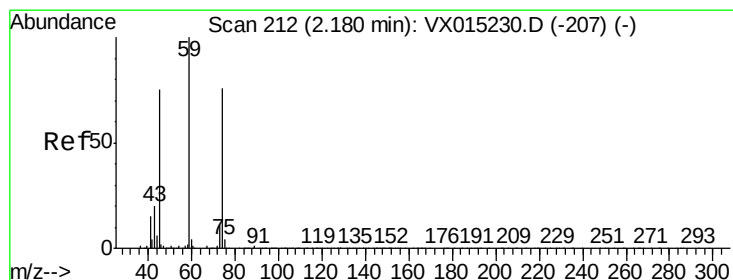
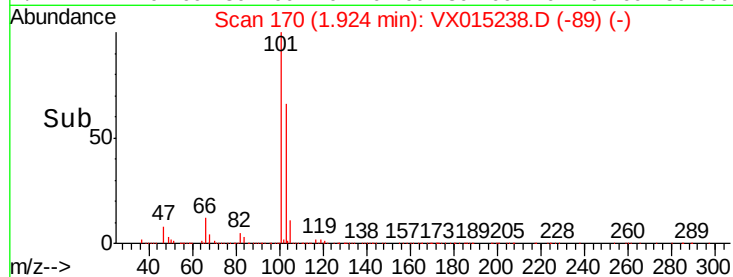
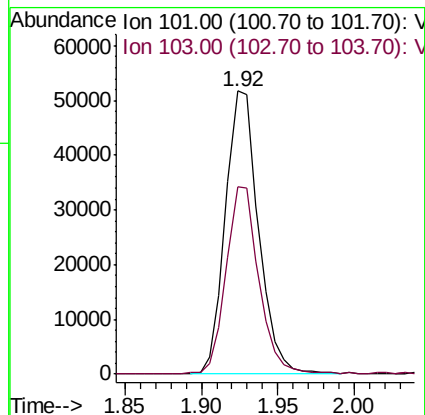
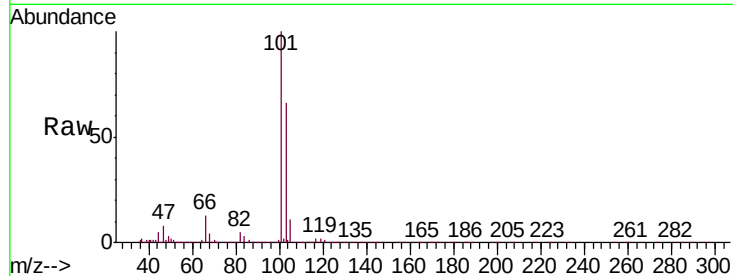


#7

Trichlorofluoromethane
Concen: 25.822 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

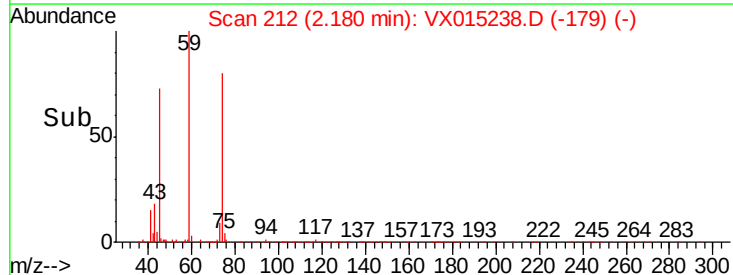
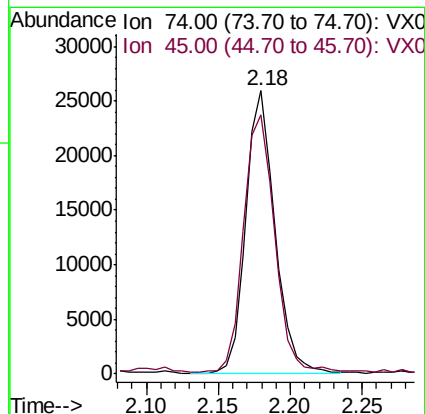
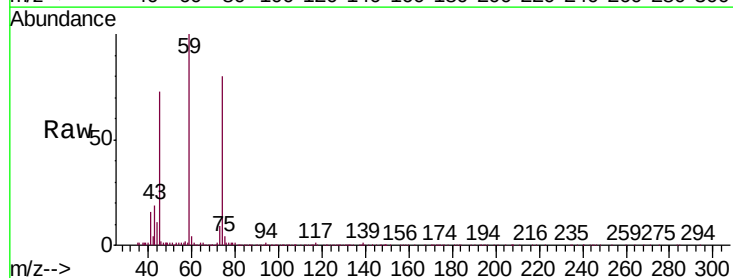
Tgt Ion:101 Resp: 77145
Ion Ratio Lower Upper
101 100
103 66.1 49.9 74.9

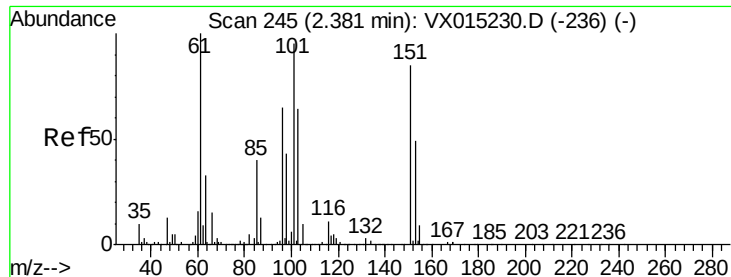


#8

Diethyl Ether
Concen: 27.551 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 74 Resp: 36483
Ion Ratio Lower Upper
74 100
45 95.3 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.484 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

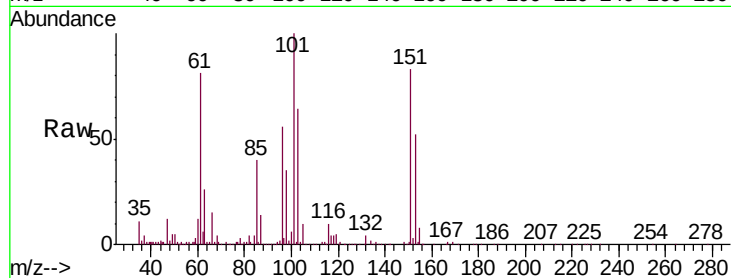
Tgt Ion:101 Resp: 48523

Ion Ratio Lower Upper

101 100

85 41.9 0.0 82.0

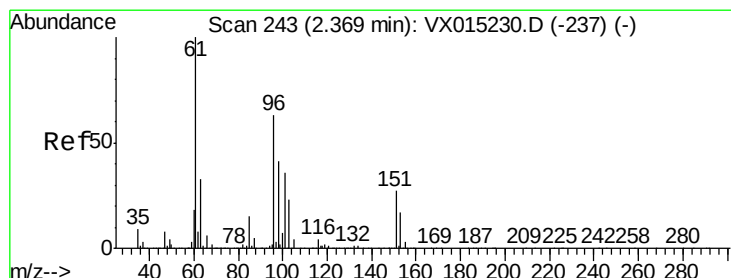
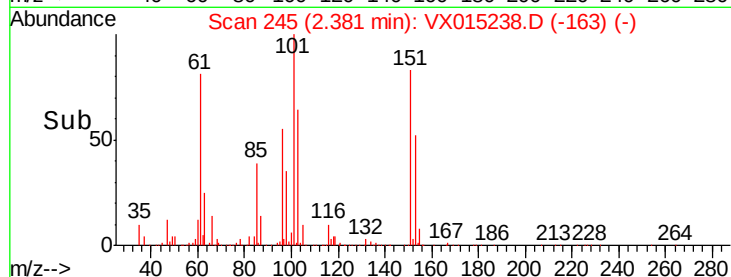
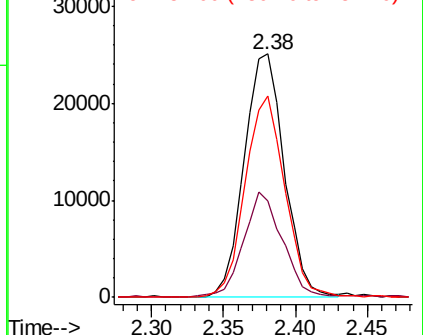
151 81.5 0.0 165.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 26.067 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

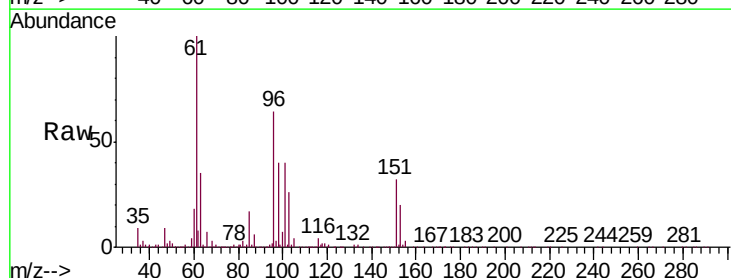
Tgt Ion: 96 Resp: 48150

Ion Ratio Lower Upper

96 100

61 156.0 126.2 189.2

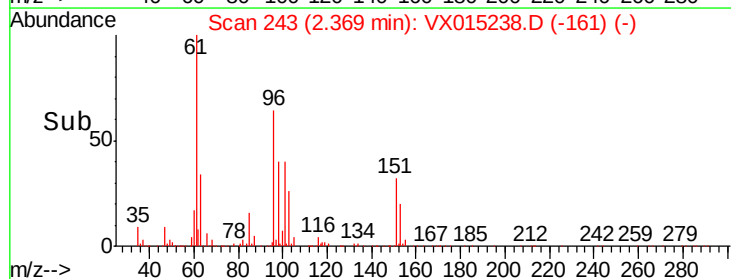
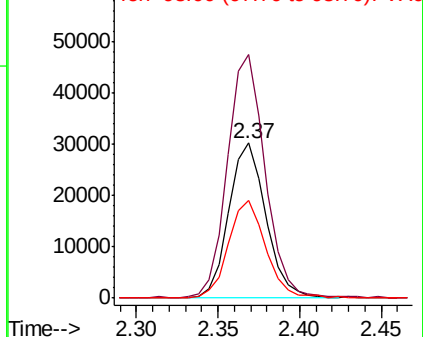
98 62.8 52.1 78.1

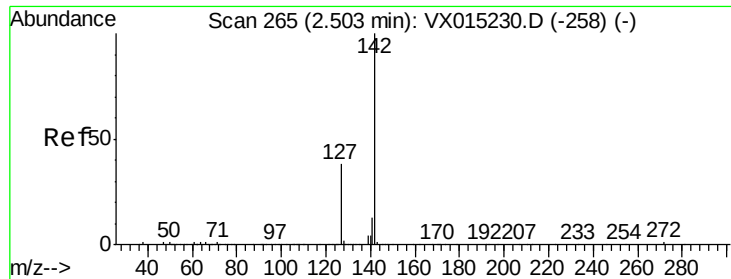


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

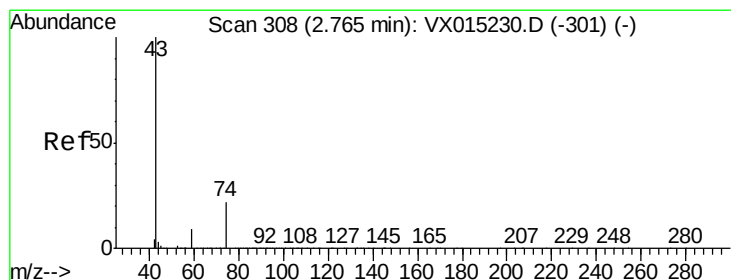
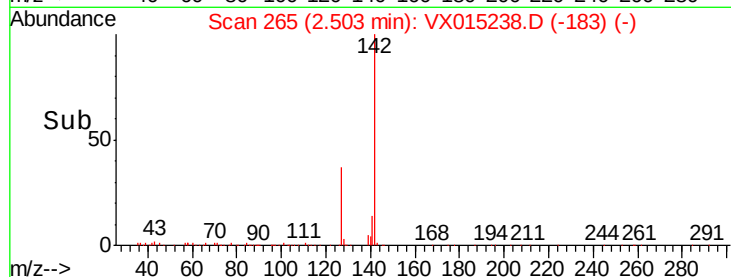
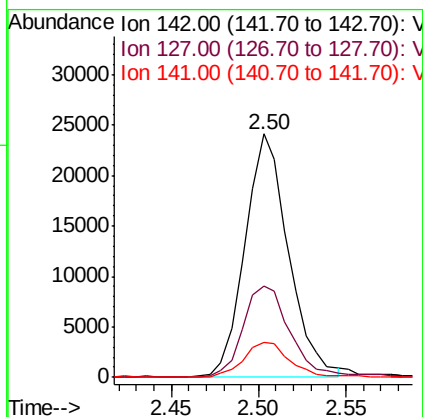
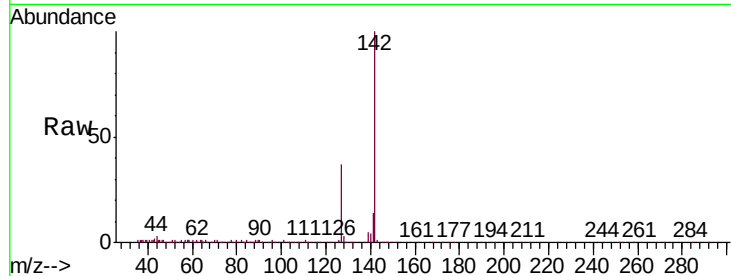




#11
Methyl Iodide
Concen: 21.921 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

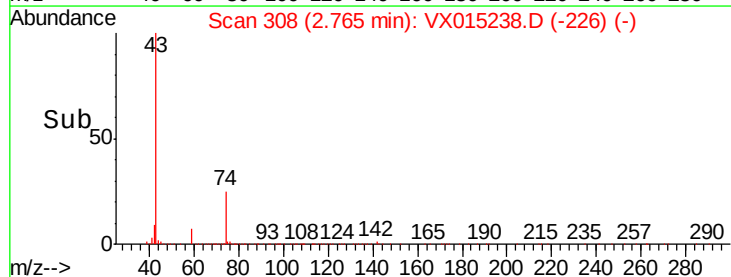
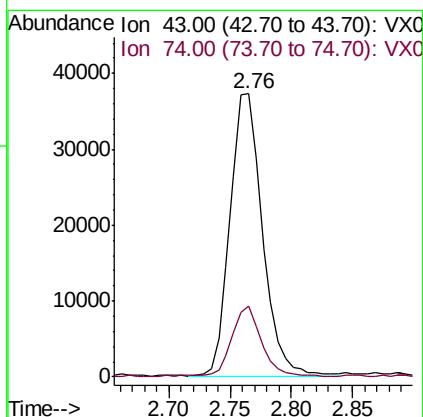
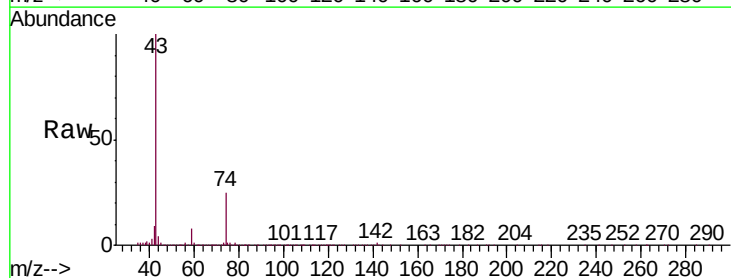
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

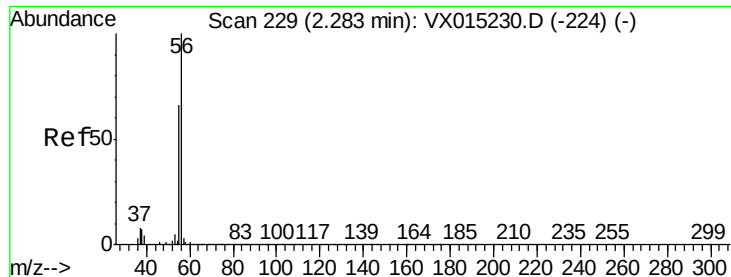
Tgt Ion: 142 Resp: 41649
Ion Ratio Lower Upper
142 100
127 37.2 18.9 56.9
141 14.0 6.6 19.7



#12
Methyl Acetate
Concen: 30.458 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 43 Resp: 69403
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0

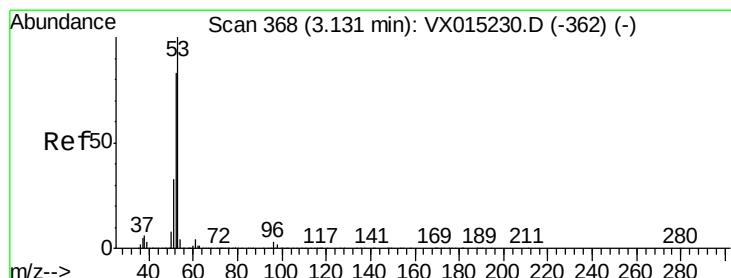
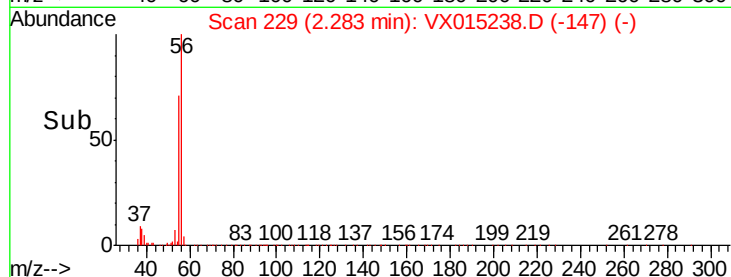
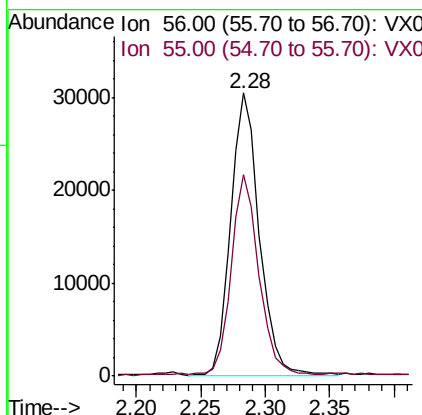
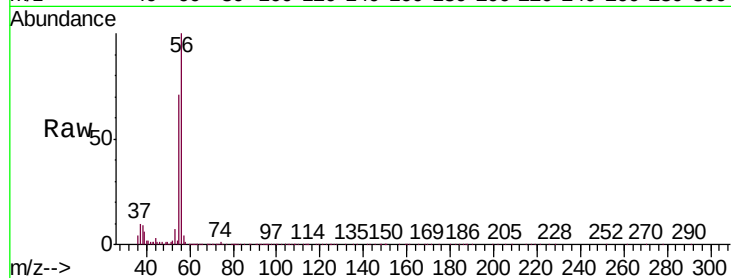




#13
Acrolein
Concen: 130.837 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

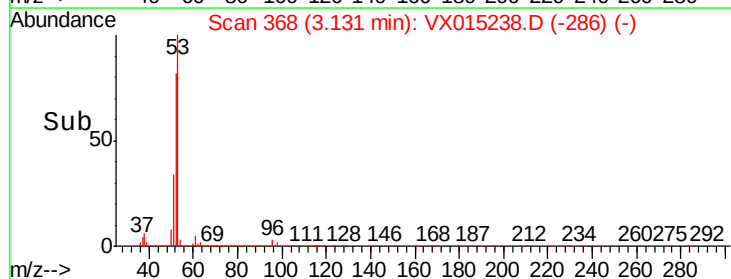
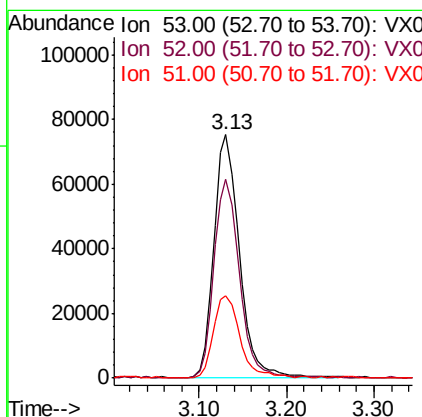
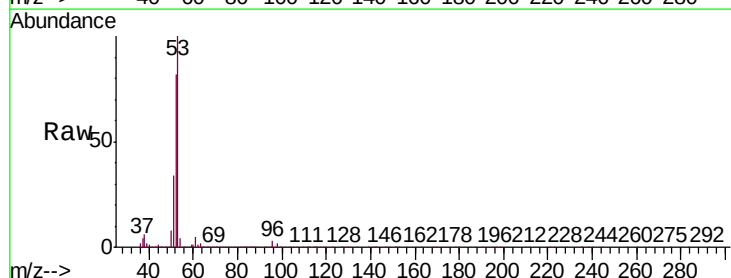
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

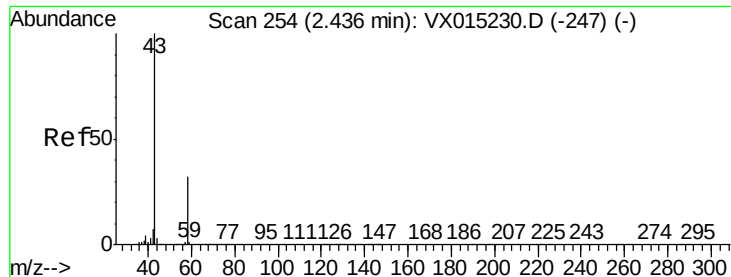
Tgt Ion: 56 Resp: 47081
Ion Ratio Lower Upper
56 100
55 68.7 55.1 82.7



#14
Acrylonitrile
Concen: 144.631 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 53 Resp: 152929
Ion Ratio Lower Upper
53 100
52 80.4 41.5 124.5
51 35.0 17.7 53.1





#15

Acetone

Concen: 126.820 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

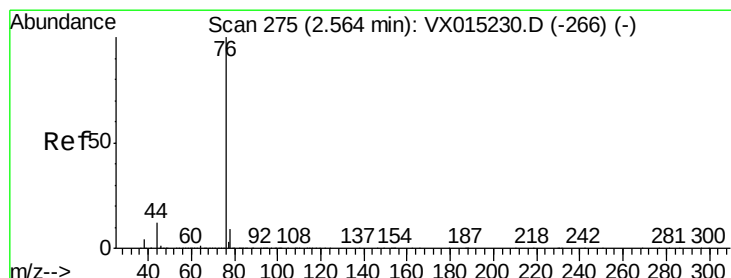
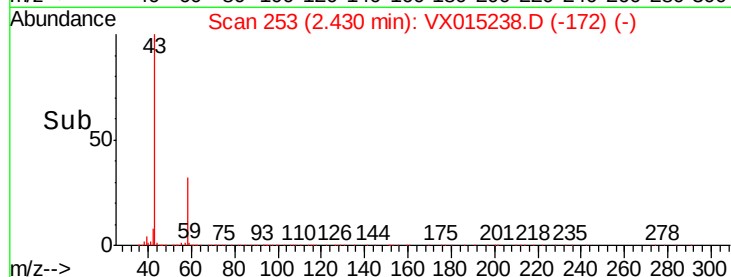
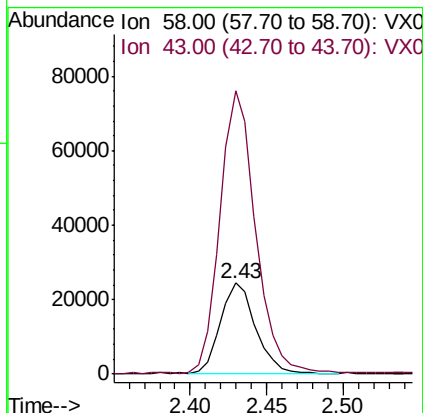
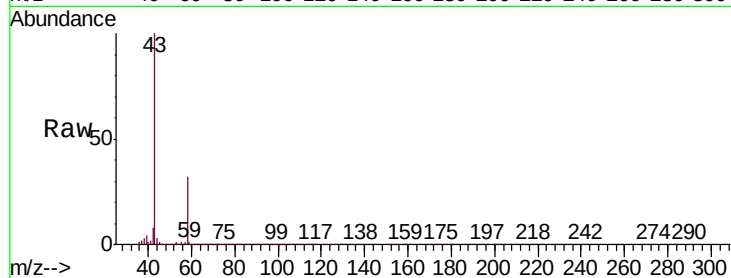
VX0312WBSD01

Tgt Ion: 58 Resp: 39346

Ion Ratio Lower Upper

58 100

43 311.3 248.7 373.1



#16

Carbon Disulfide

Concen: 24.065 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015238.D

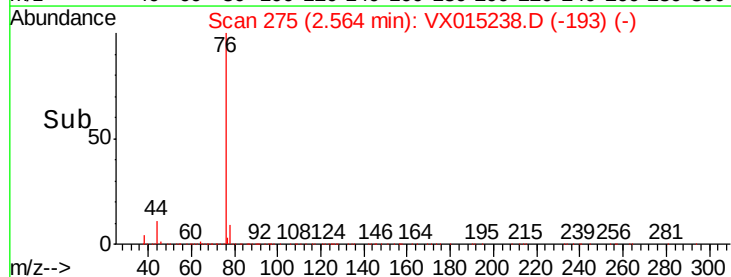
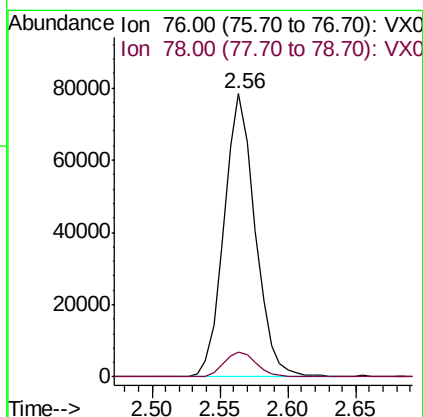
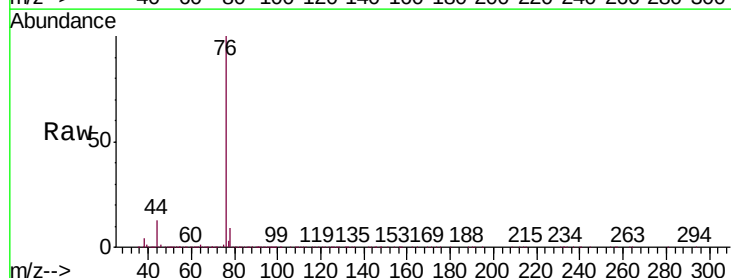
Acq: 12 Mar 2020 17:14

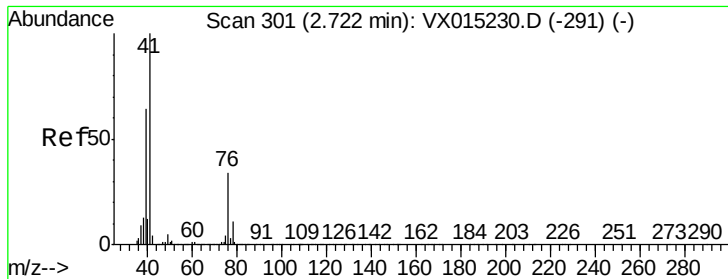
Tgt Ion: 76 Resp: 124482

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

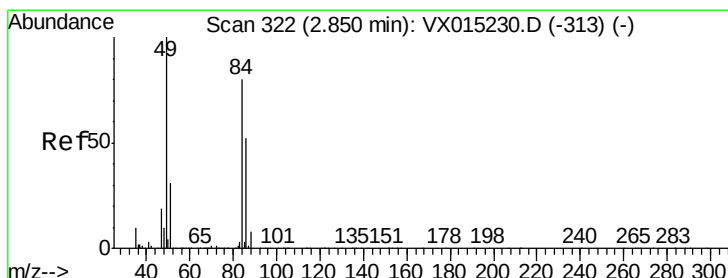
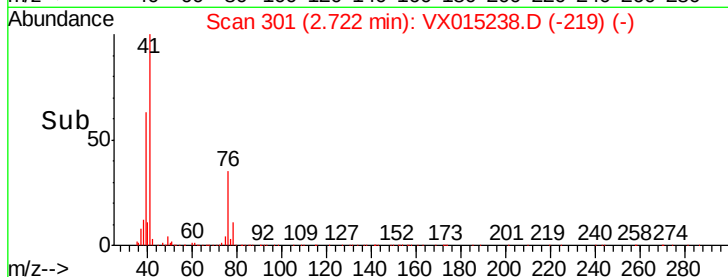
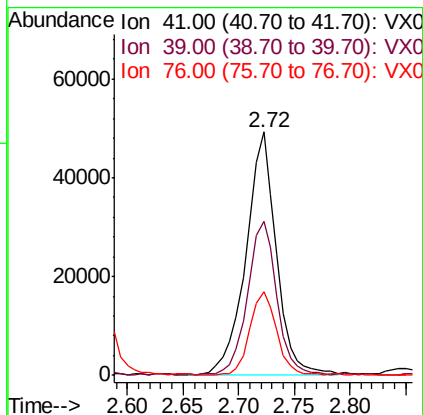
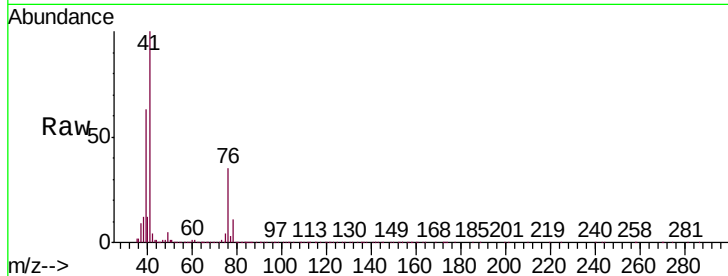




#17
 Allyl chloride
 Concen: 26.979 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

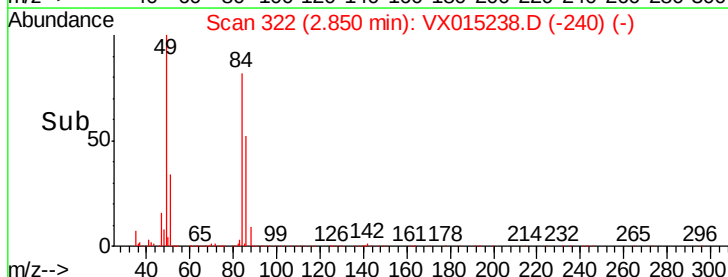
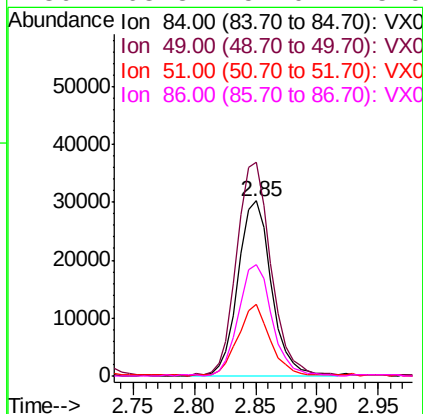
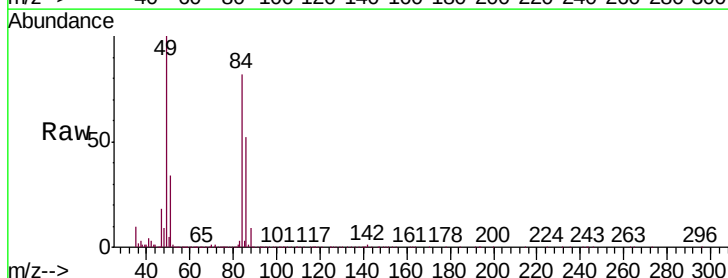
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

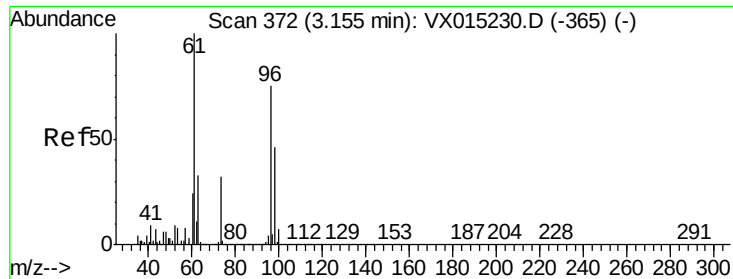
Tgt Ion:	41	Resp:	92455
Ion	Ratio	Lower	Upper
41	100		
39	63.1	32.1	96.5
76	34.1	17.2	51.5



#18
 Methylene Chloride
 Concen: 27.489 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion:	84	Resp:	57384
Ion	Ratio	Lower	Upper
84	100		
49	122.1	99.5	149.3
51	40.9	31.0	46.6
86	63.3	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 26.527 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

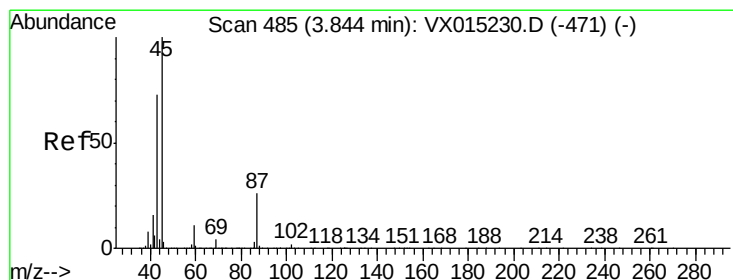
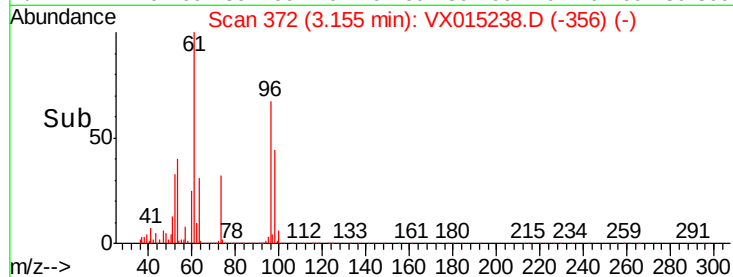
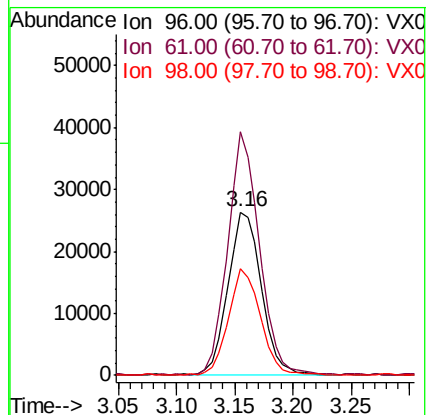
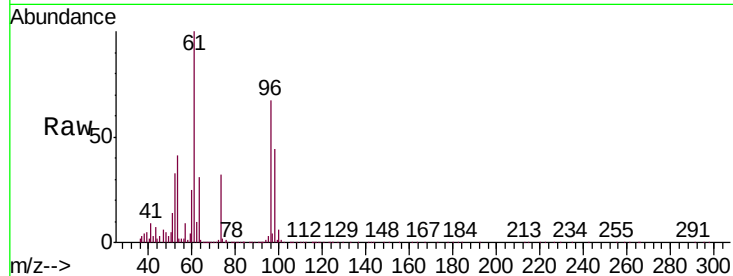
Tgt Ion: 96 Resp: 52853

Ion Ratio Lower Upper

96 100

61 148.6 106.3 159.5

98 64.5 49.1 73.7



#20

Diisopropyl ether

Concen: 28.177 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Tgt Ion: 45 Resp: 191815

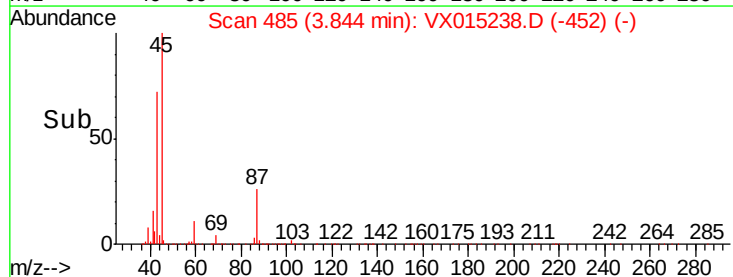
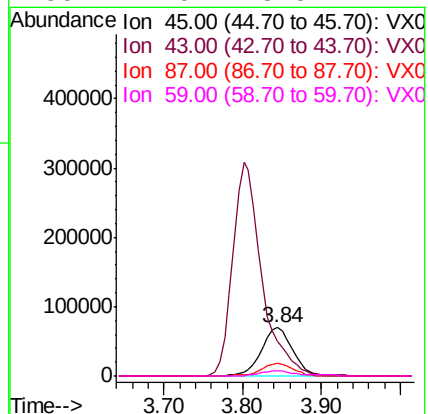
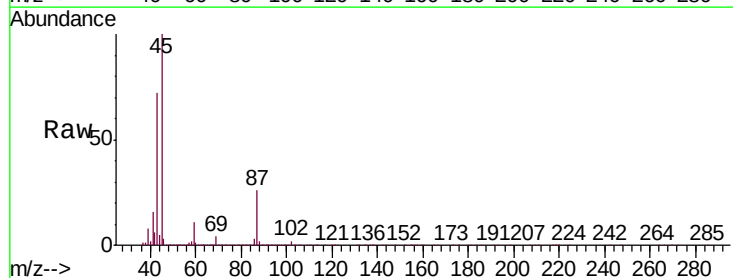
Ion Ratio Lower Upper

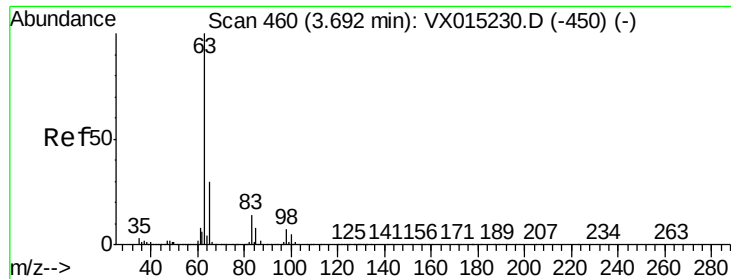
45 100

43 71.5 58.6 87.8

87 26.2 21.0 31.4

59 11.0 8.5 12.7





#21

1,1-Dichloroethane

Concen: 27.542 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

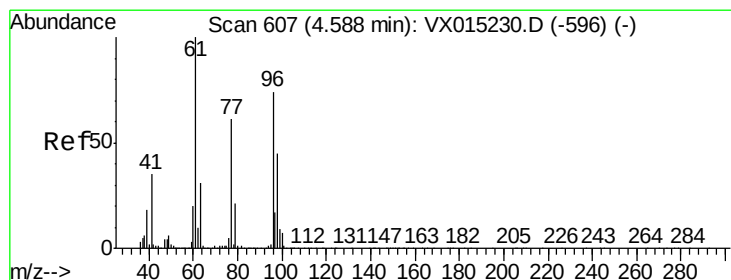
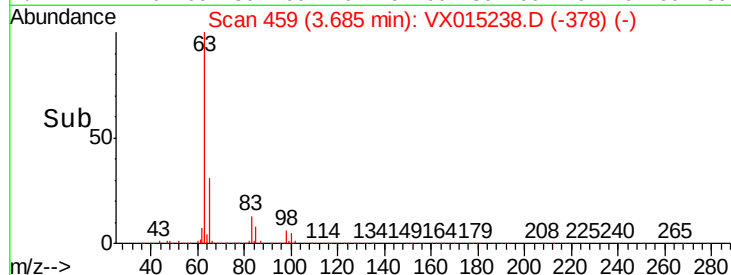
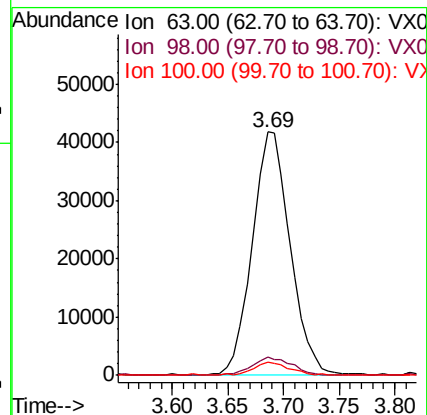
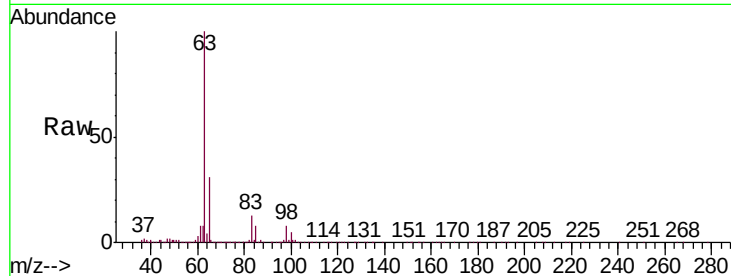
Tgt Ion: 63 Resp: 99342

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 5.0 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 27.298 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

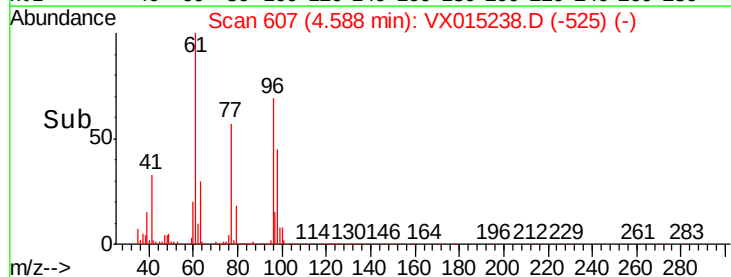
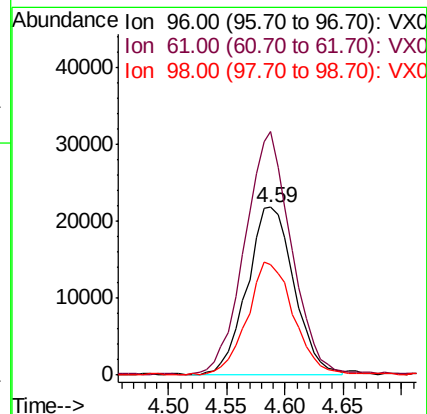
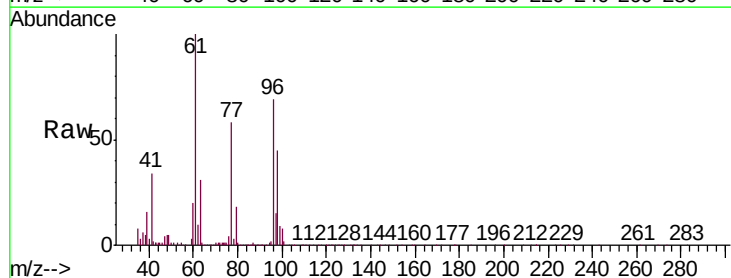
Tgt Ion: 96 Resp: 61480

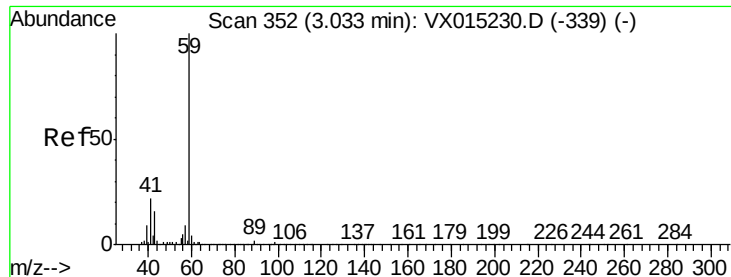
Ion Ratio Lower Upper

96 100

61 142.5 111.4 167.0

98 66.3 50.1 75.1



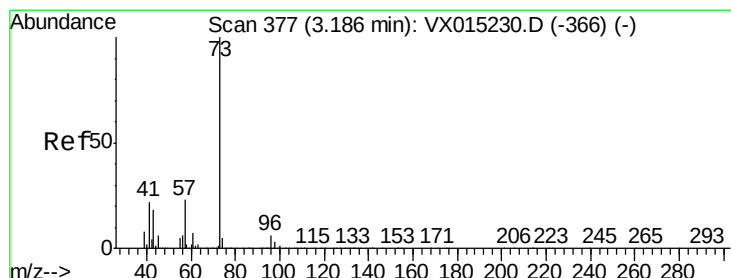
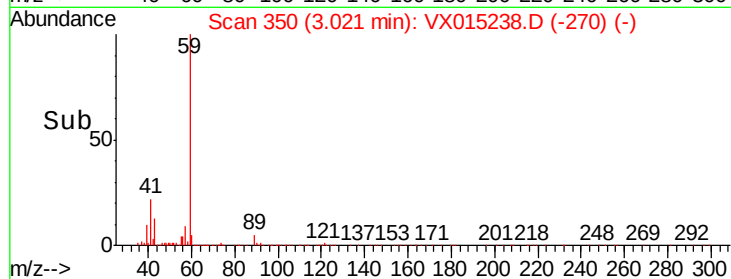
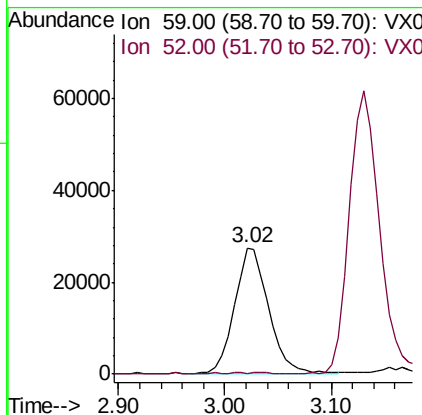
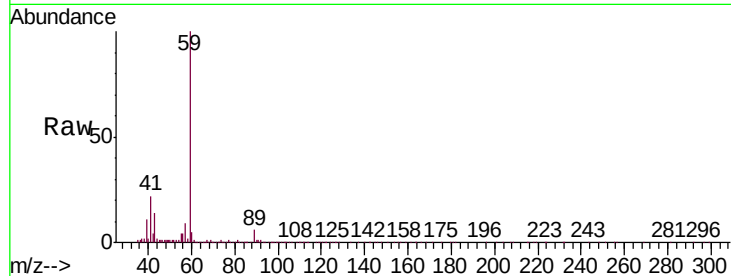


#23

tert-Butyl Alcohol
Concen: 149.866 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

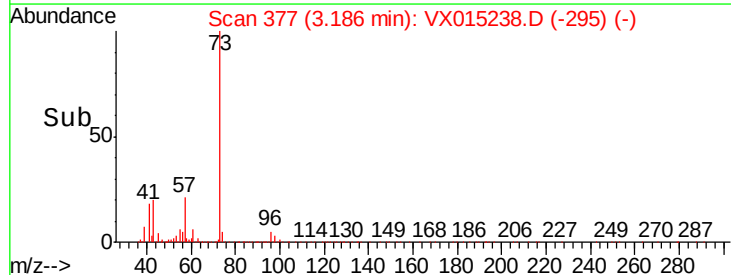
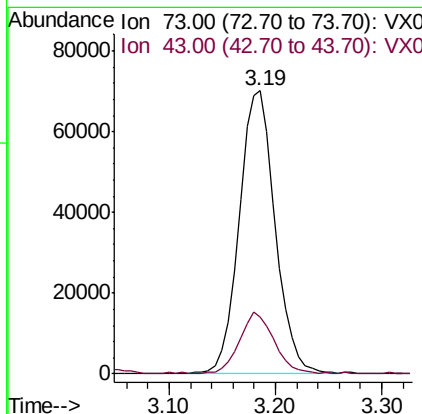
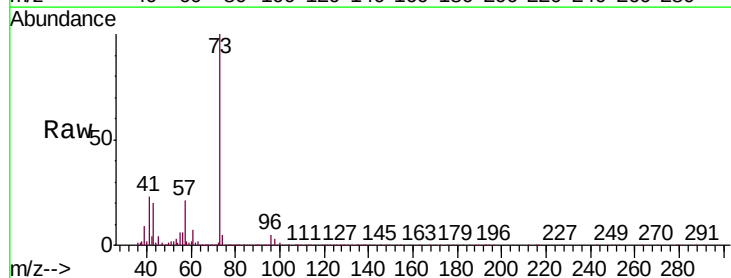
Tgt Ion: 59 Resp: 61955
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

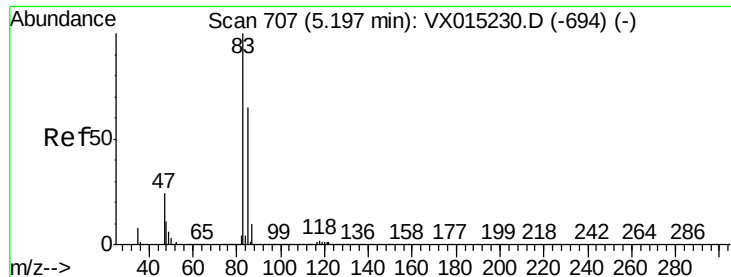


#24

Methyl tert-Butyl Ether
Concen: 27.693 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 73 Resp: 165282
Ion Ratio Lower Upper
73 100
43 21.1 15.9 23.9





#25

Chloroform

Concen: 28.208 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

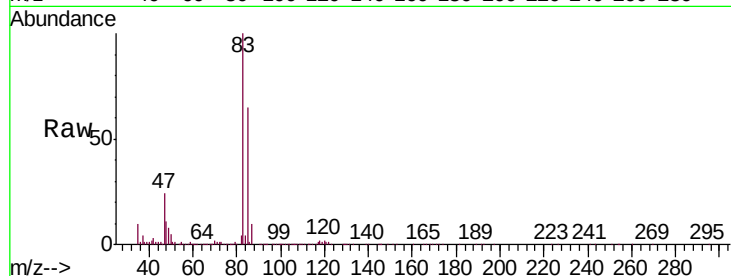
VX0312WBSD01

Tgt Ion: 83 Resp: 96788

Ion Ratio Lower Upper

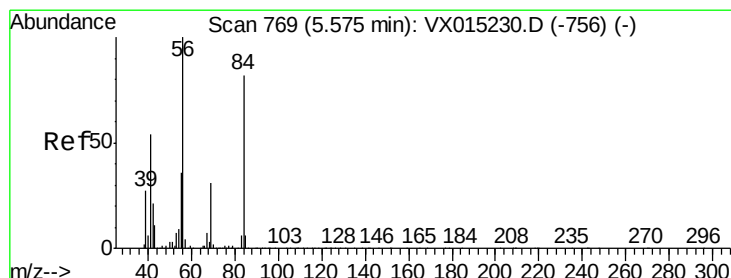
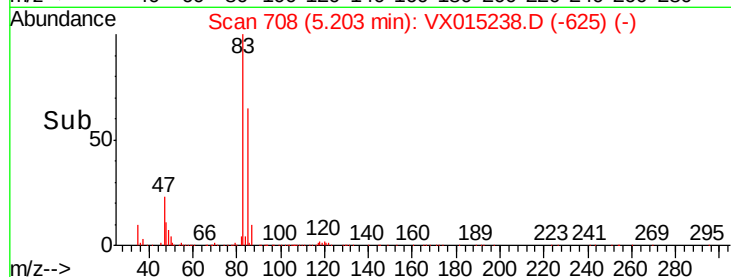
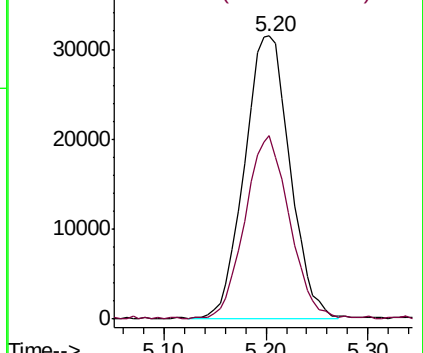
83 100

85 64.8 51.4 77.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 26.012 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

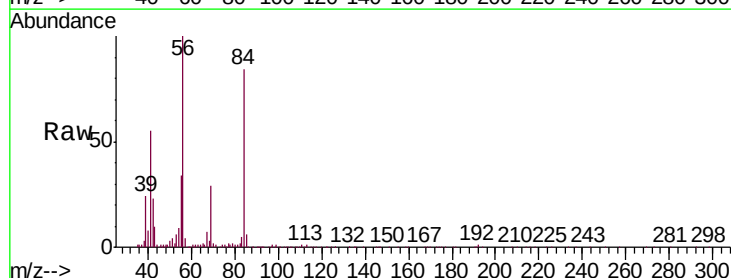
Tgt Ion: 56 Resp: 87192

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

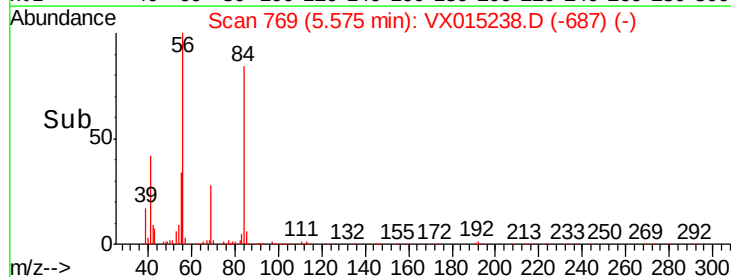
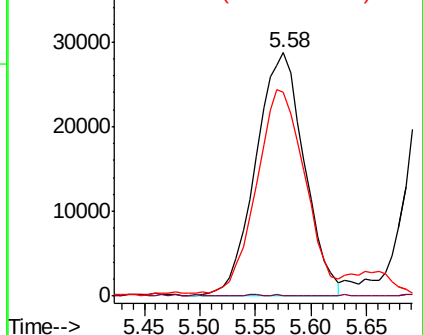
84 82.8 68.2 102.4

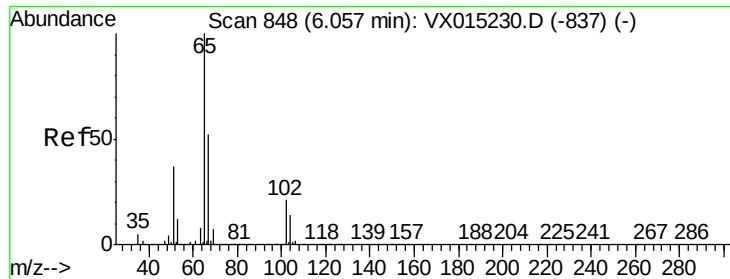


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

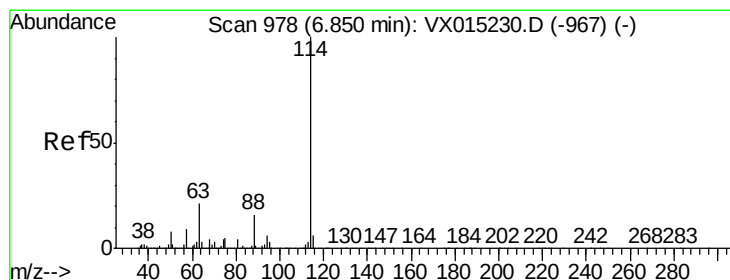
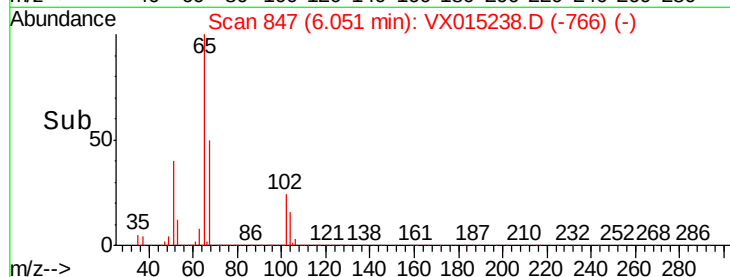
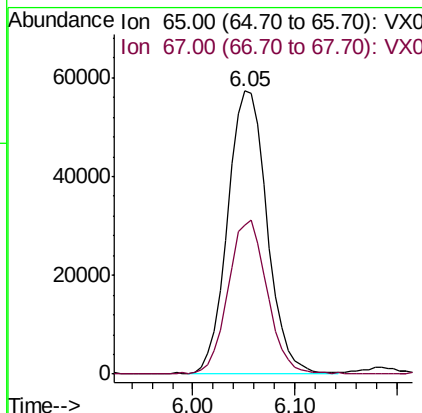
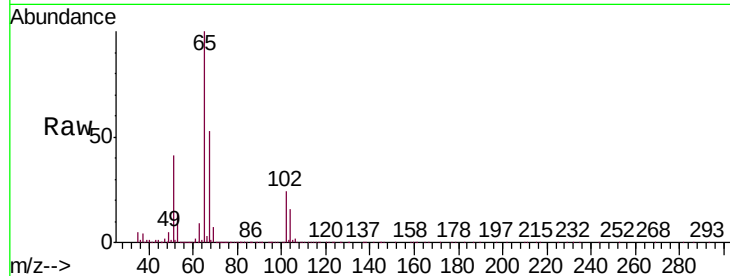




#27
 1,2-Dichloroethane-d4
 Concen: 71.261 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

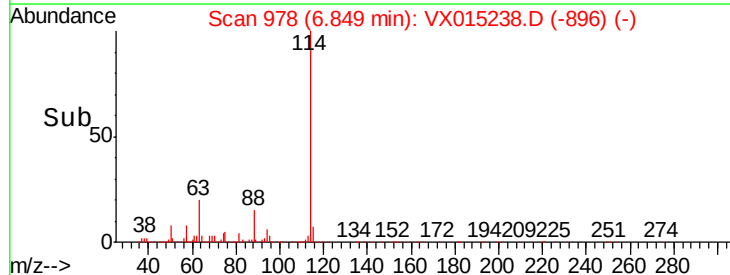
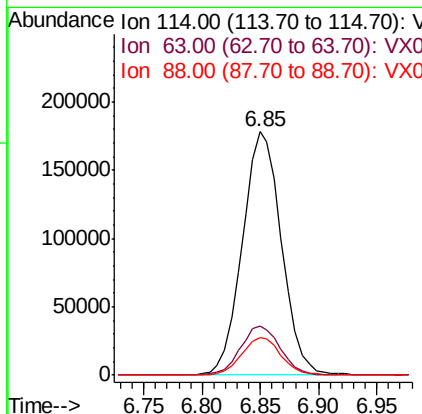
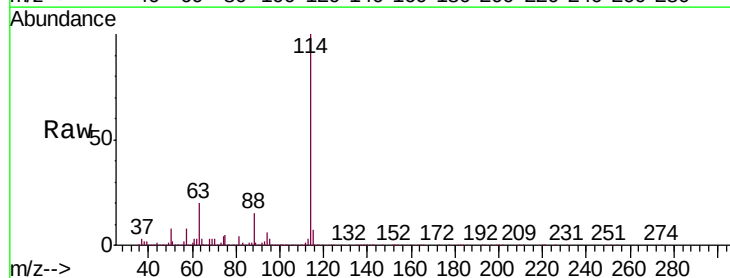
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

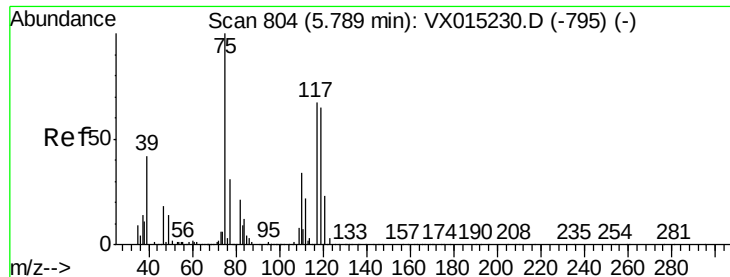
Tgt Ion: 65 Resp: 152467
 Ion Ratio Lower Upper
 65 100
 67 54.0 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion: 114 Resp: 416541
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.6 24.8
 88 15.8 12.6 19.0

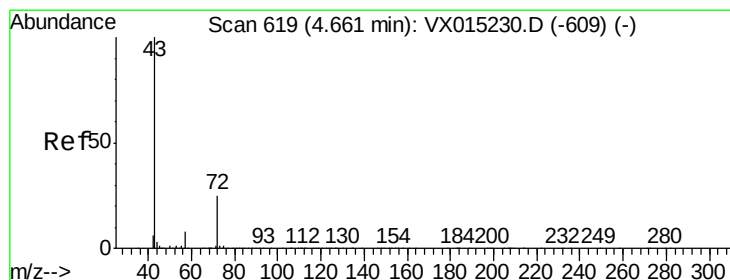
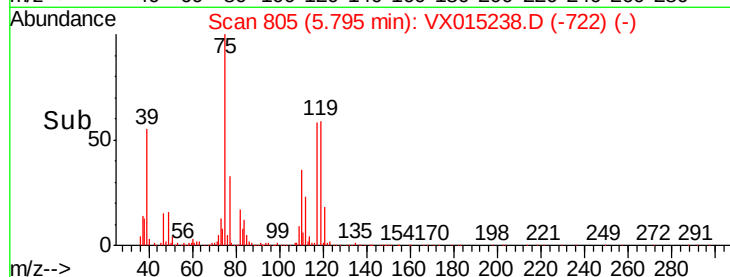
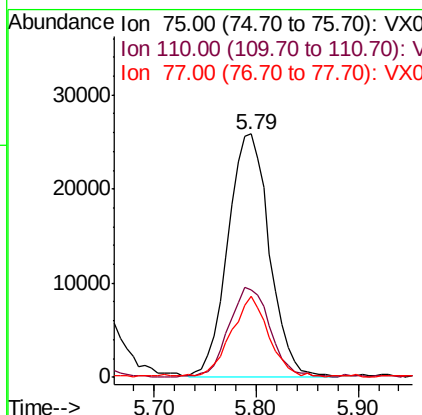
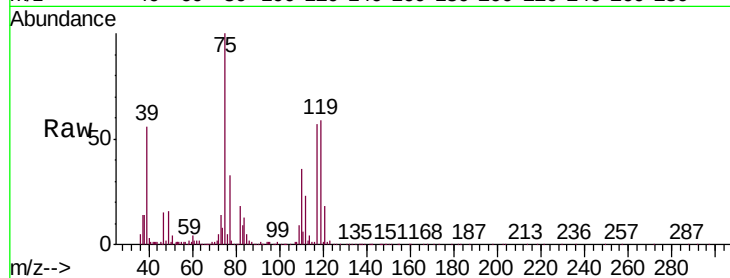




#29
 1,1-Dichloropropene
 Concen: 11.392 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

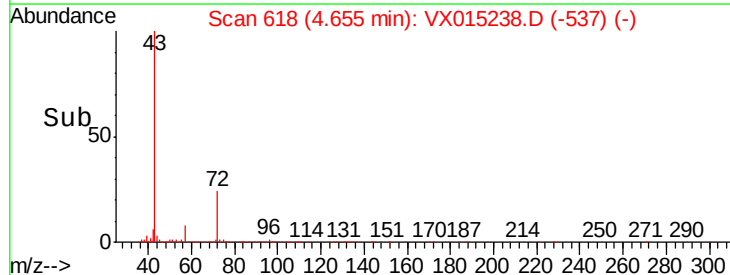
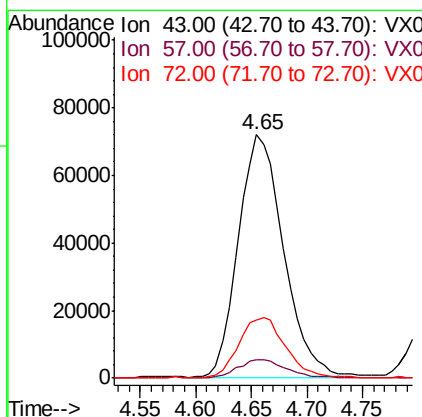
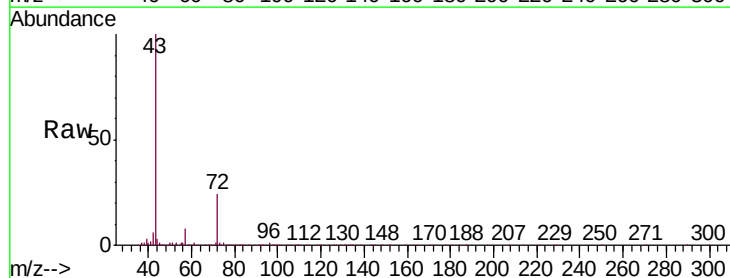
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

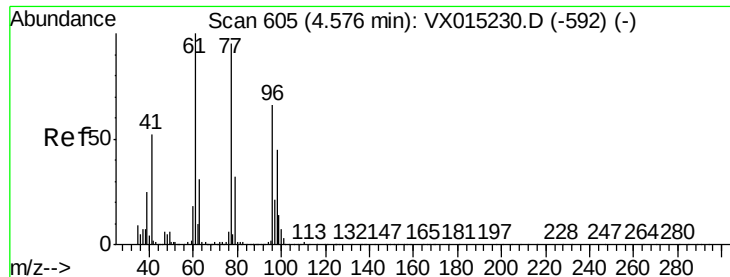
Tgt Ion: 75 Resp: 72819
 Ion Ratio Lower Upper
 75 100
 110 36.8 0.0 73.6
 77 29.8 0.0 63.4



#30
 2-Butanone
 Concen: 59.484 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion: 43 Resp: 203619
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.4 9.6
 72 25.2 19.9 29.9





#31

2,2-Dichloropropane

Concen: 11.247 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

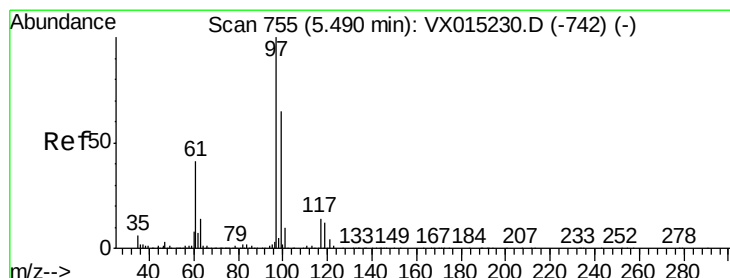
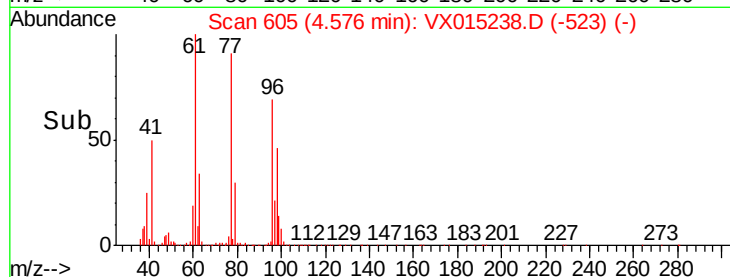
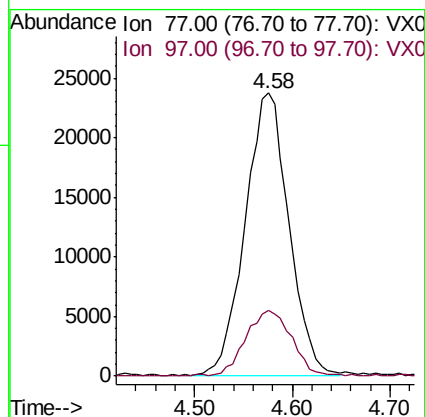
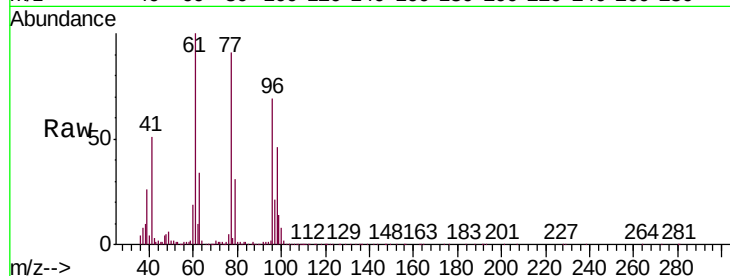
VX0312WBSD01

Tgt Ion: 77 Resp: 73854

Ion Ratio Lower Upper

77 100

97 24.4 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 11.399 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

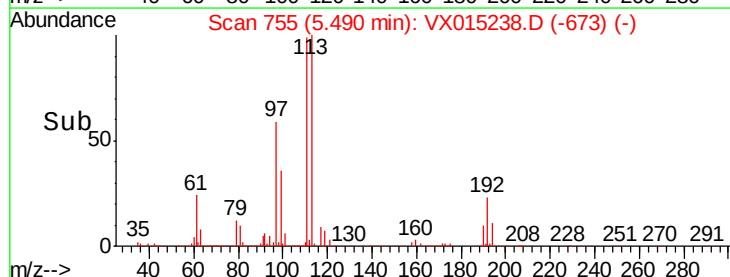
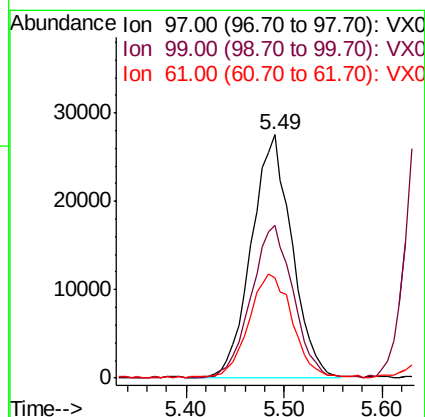
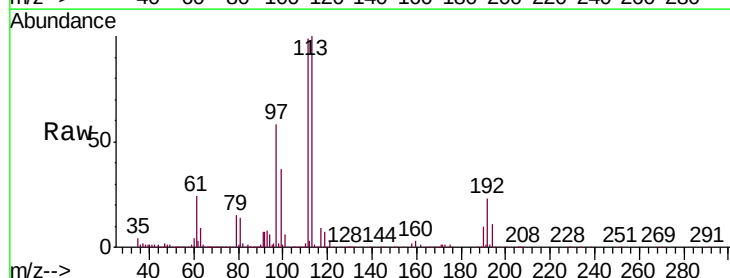
Tgt Ion: 97 Resp: 79294

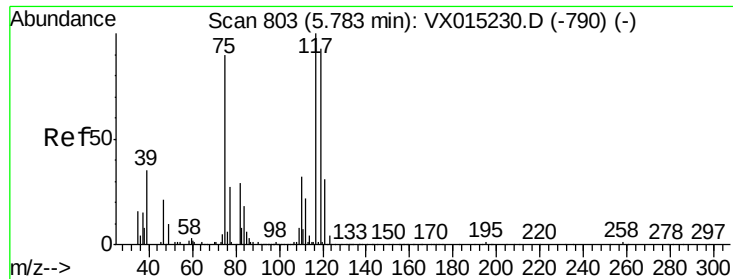
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 44.5 35.0 52.6





#33

Carbon Tetrachloride

Concen: 11.308 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

VX0312WBSD01

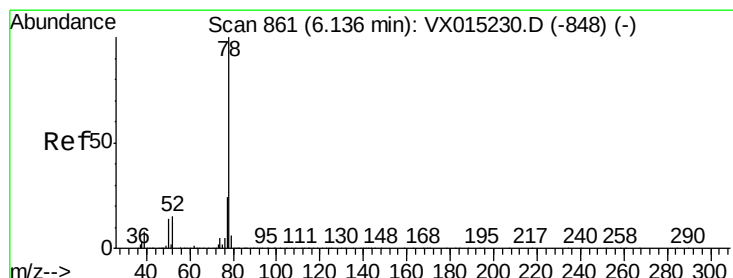
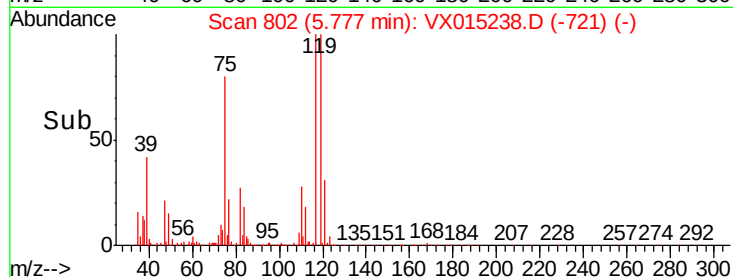
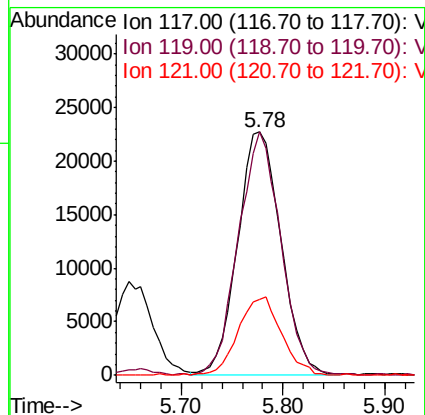
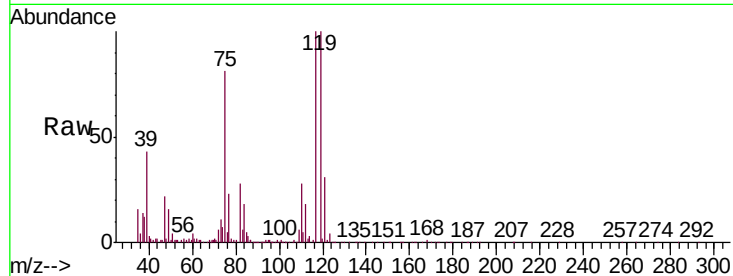
Tgt Ion:117 Resp: 67314

Ion Ratio Lower Upper

117 100

119 100.4 74.2 111.4

121 31.1 24.3 36.5



#34

Benzene

Concen: 11.591 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

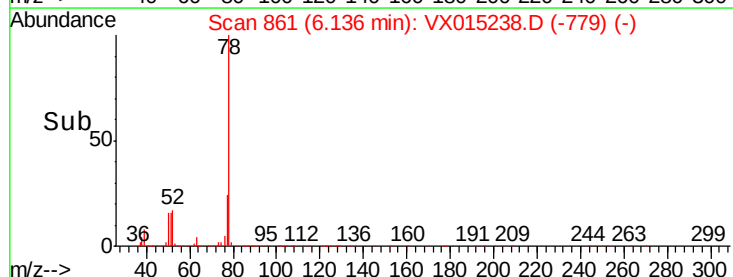
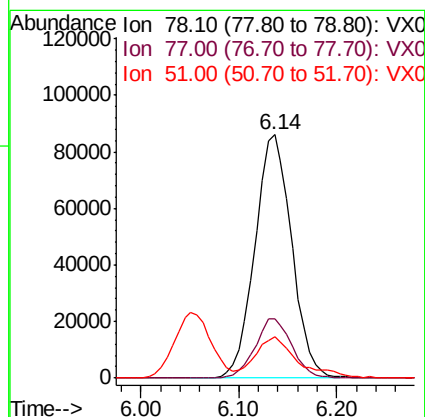
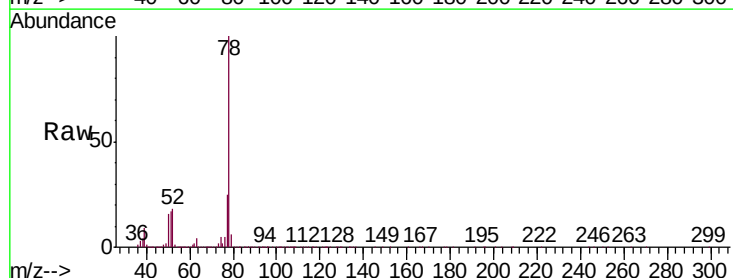
Tgt Ion: 78 Resp: 224508

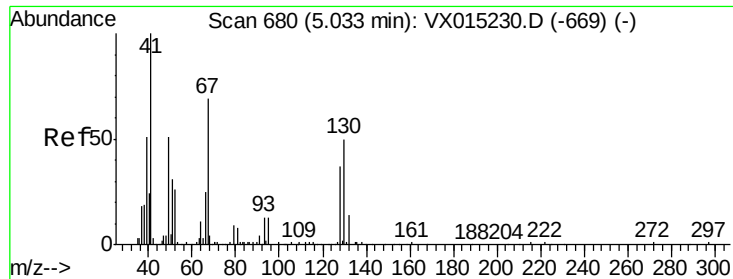
Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

51 14.9 13.4 20.2

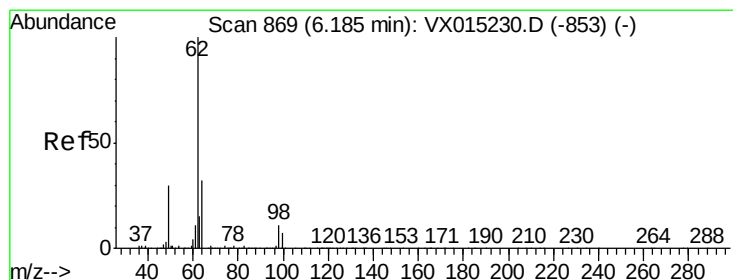
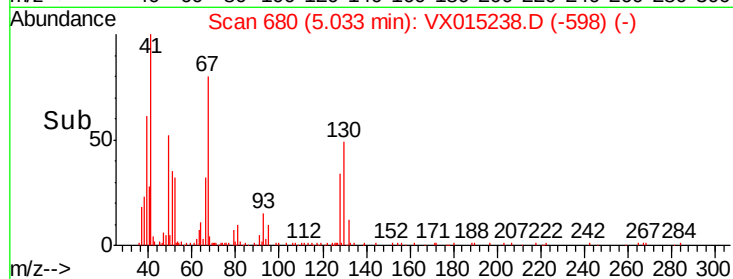
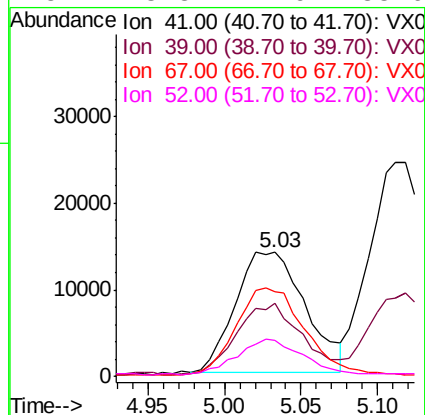
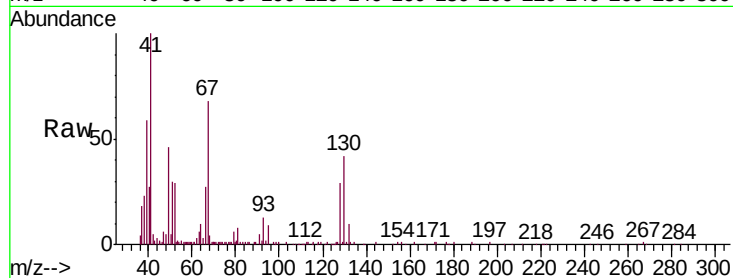




#35
Methacrylonitrile
Concen: 11.906 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

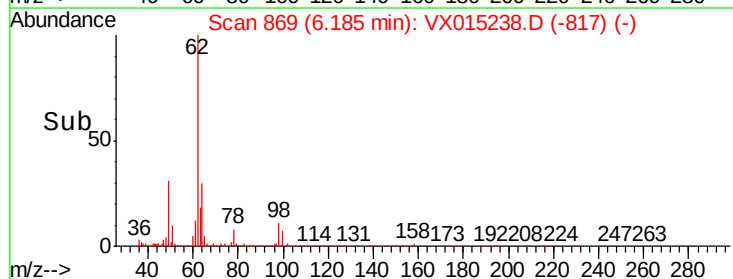
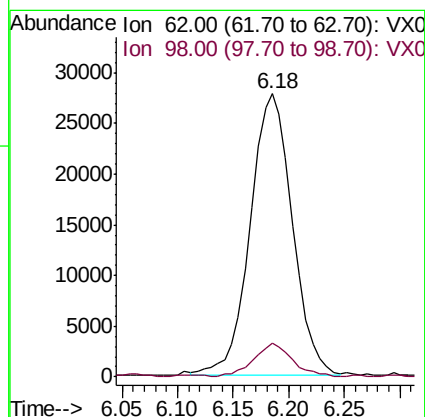
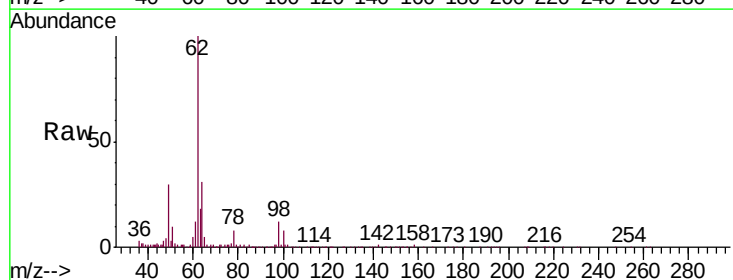
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

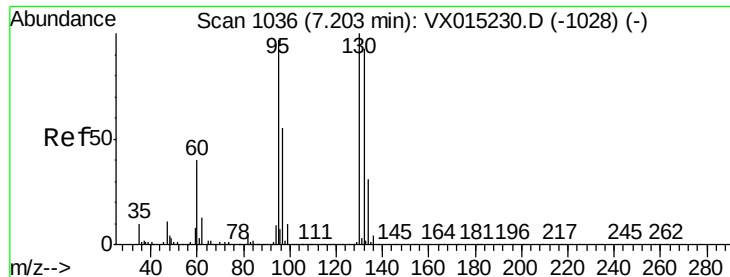
Tgt Ion:	41	Resp:	44062
Ion	Ratio	Lower	Upper
41	100		
39	59.1	25.7	77.1
67	68.5	34.3	102.8
52	28.3	12.9	38.6



#36
1,2-Dichloroethane
Concen: 11.364 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion:	62	Resp:	73422
Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.4	12.6





#37

Trichloroethene

Concen: 11.448 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

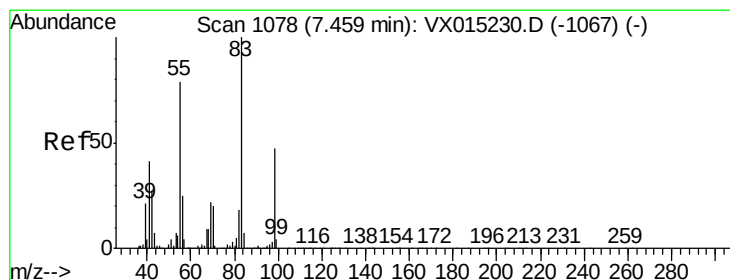
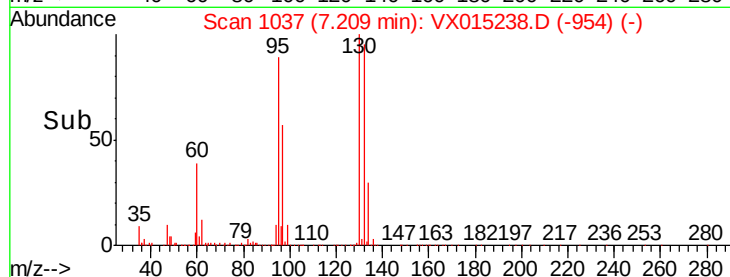
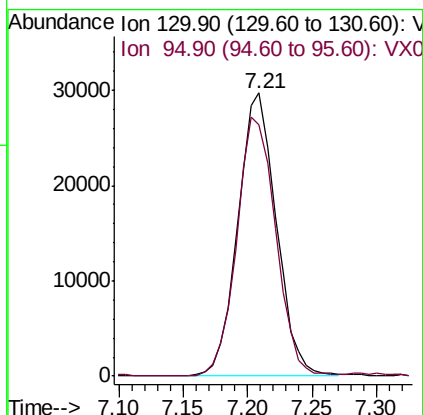
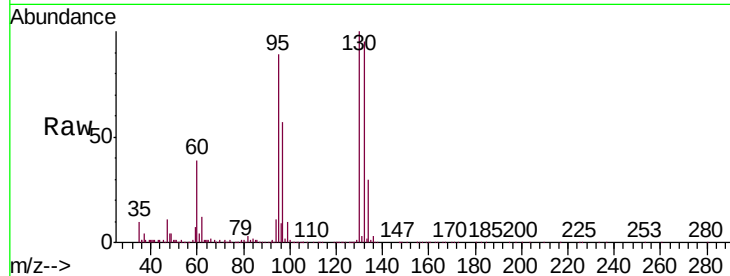
Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tgt Ion:130 Resp: 61324

Ion	Ratio	Lower	Upper
130	100		
95	88.6	77.4	116.0



#38

Methylcyclohexane

Concen: 10.924 ug/l

RT: 7.46 min Scan# 1078

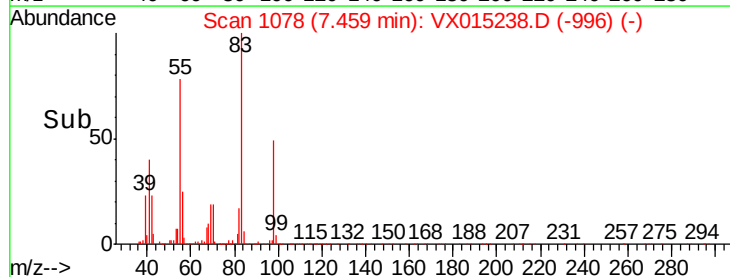
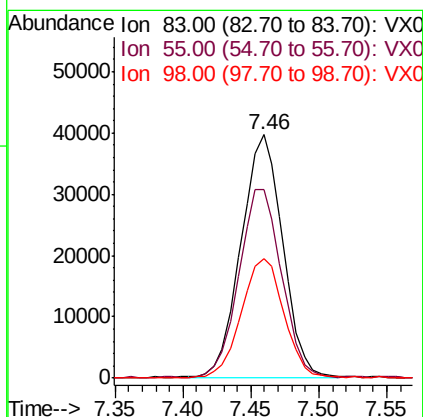
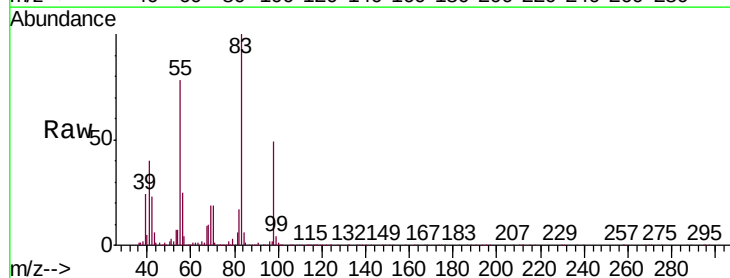
Delta R.T. -0.00 min

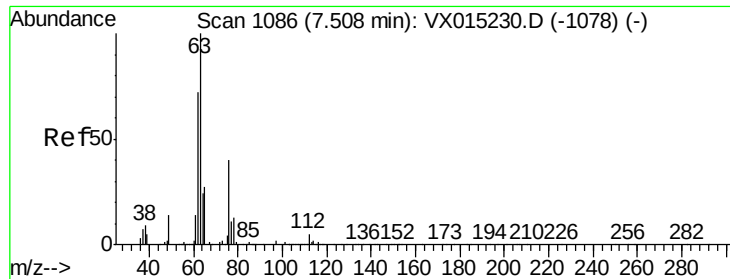
Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Tgt Ion: 83 Resp: 84838

Ion	Ratio	Lower	Upper
83	100		
55	79.5	39.1	117.2
98	50.6	24.4	73.2





#39

1,2-Dichloropropane

Concen: 11.939 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

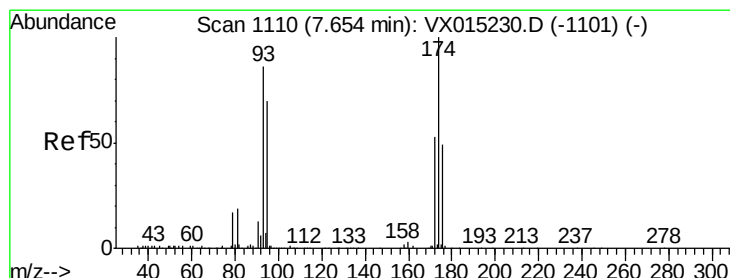
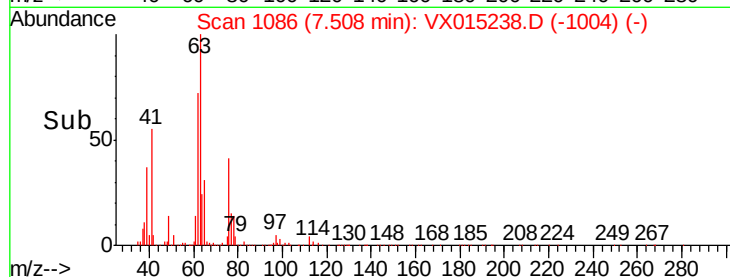
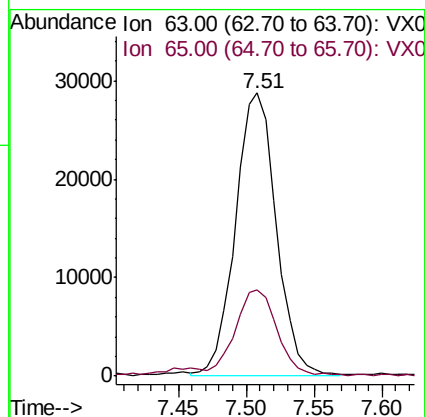
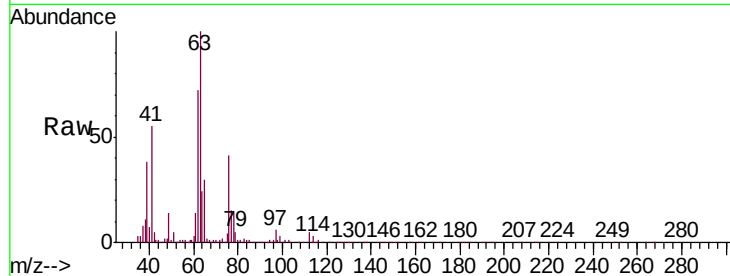
VX0312WBSD01

Tgt Ion: 63 Resp: 59738

Ion Ratio Lower Upper

63 100

65 29.8 23.2 34.8



#40

Dibromomethane

Concen: 11.317 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

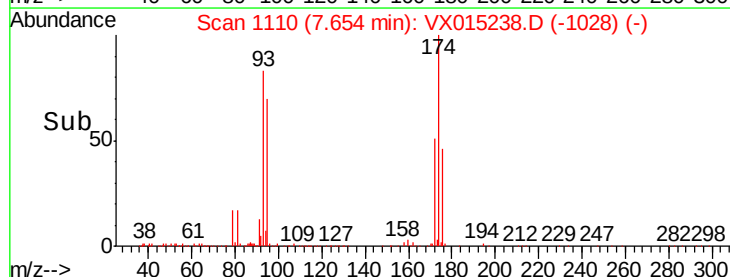
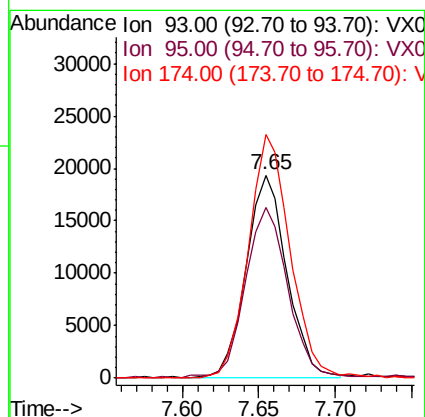
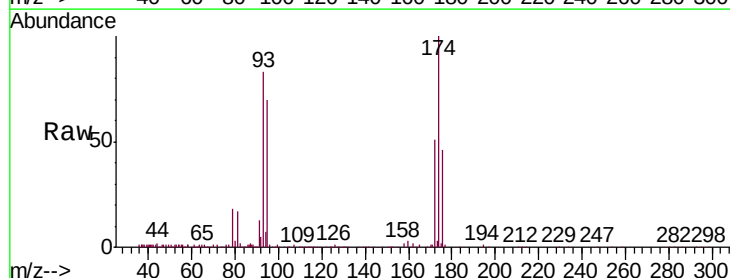
Tgt Ion: 93 Resp: 35988

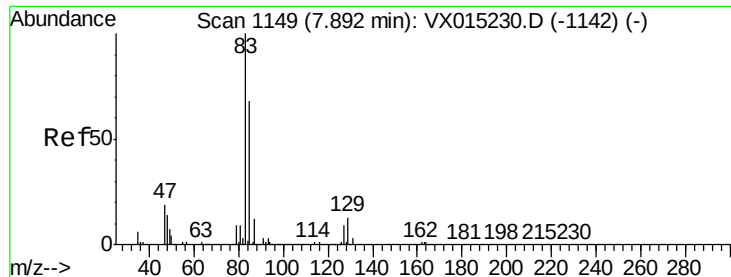
Ion Ratio Lower Upper

93 100

95 87.5 0.0 162.6

174 121.6 0.0 233.6





#41

Bromodichloromethane

Concen: 11.573 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

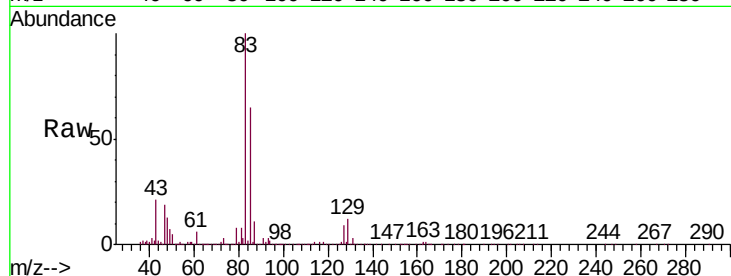
Tgt Ion: 83 Resp: 72791

Ion Ratio Lower Upper

83 100

85 64.6 54.2 81.4

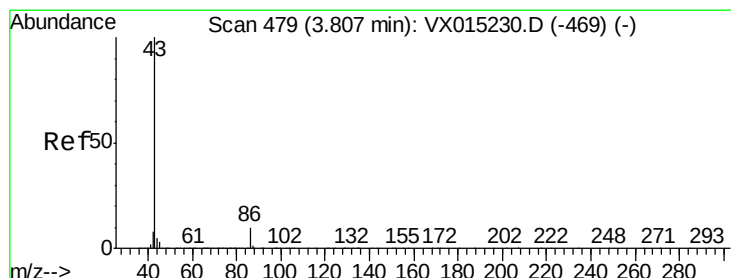
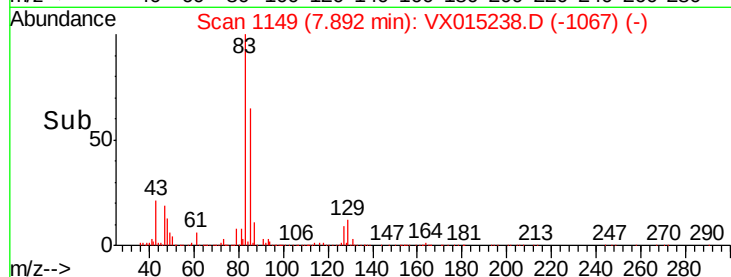
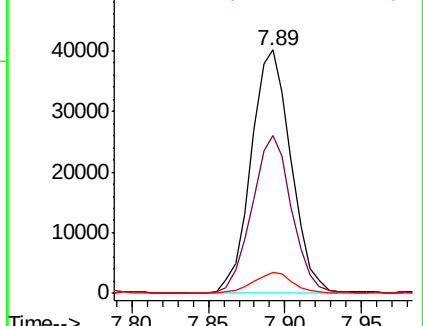
127 8.5 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 58.591 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015238.D

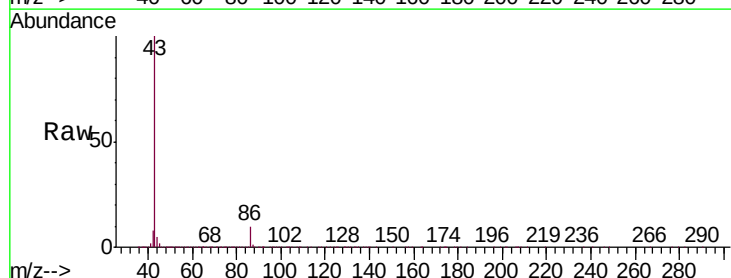
Acq: 12 Mar 2020 17:14

Tgt Ion: 43 Resp: 790912

Ion Ratio Lower Upper

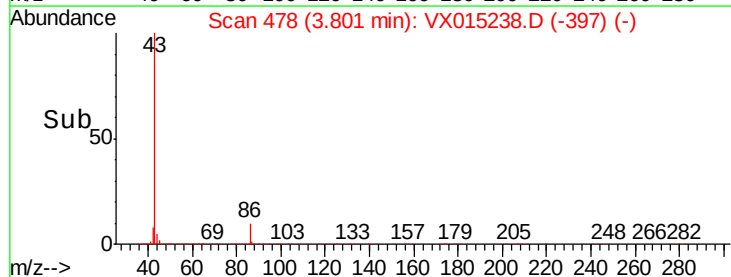
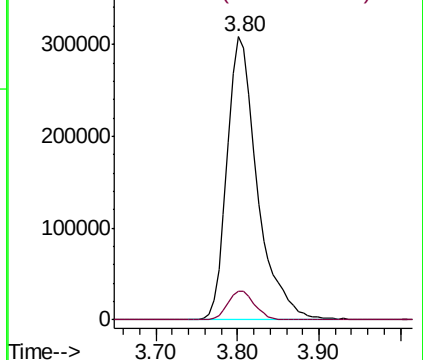
43 100

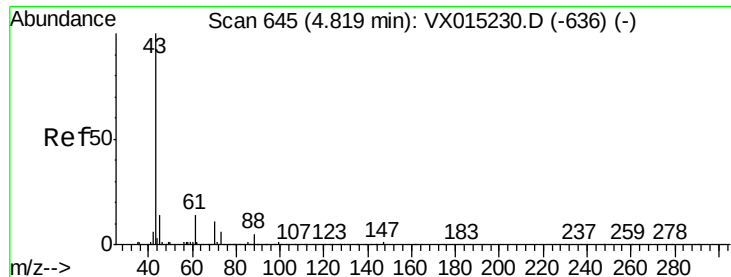
86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

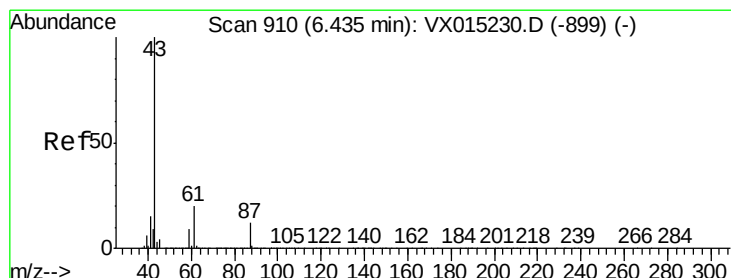
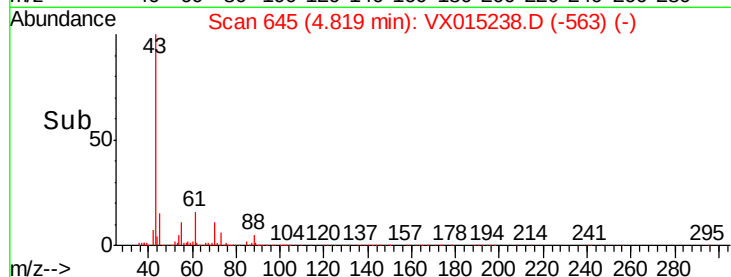
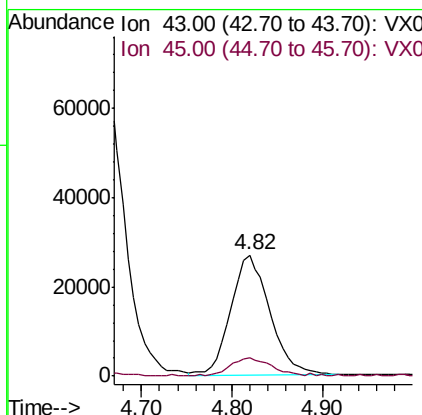
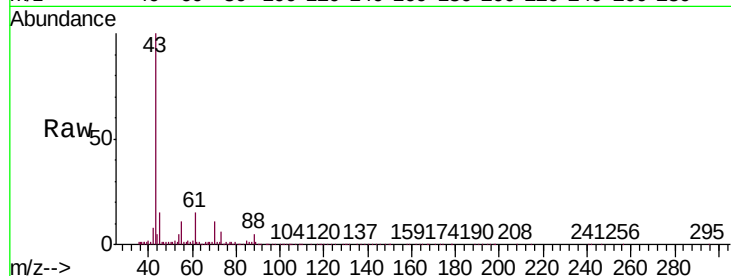




#43
Ethyl Acetate
Concen: 12.428 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

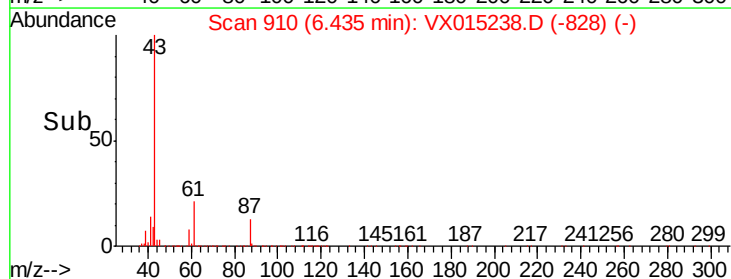
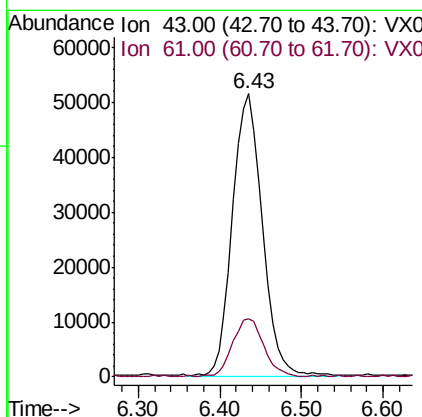
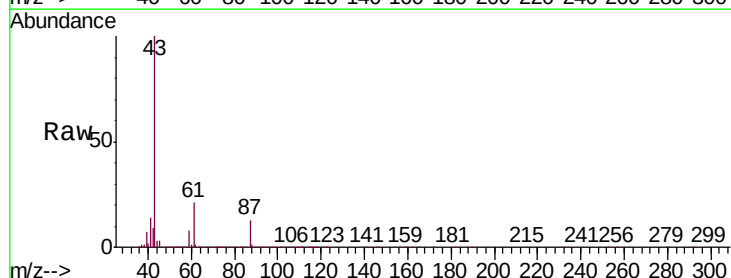
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

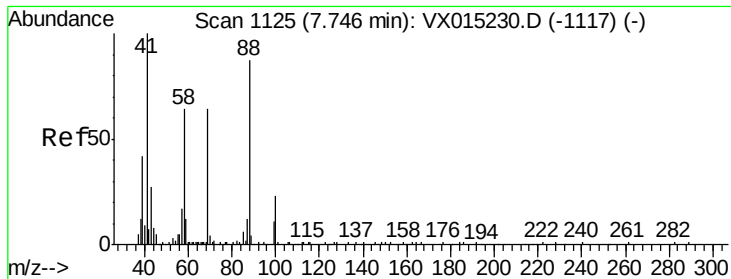
Tgt Ion: 43 Resp: 80714
Ion Ratio Lower Upper
43 100
45 15.1 11.7 17.5



#44
Isopropyl Acetate
Concen: 11.834 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 43 Resp: 130002
Ion Ratio Lower Upper
43 100
61 21.2 17.0 25.4





#45

1,4-Dioxane

Concen: 259.662 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

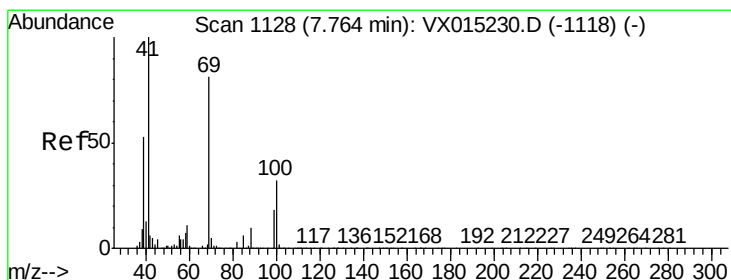
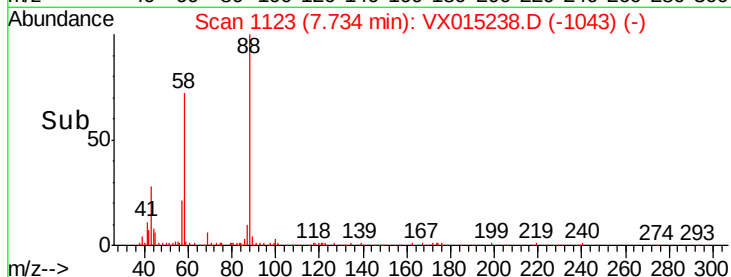
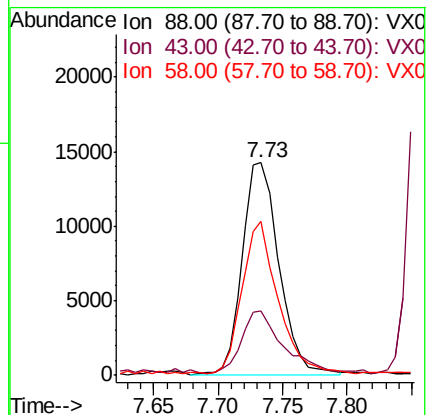
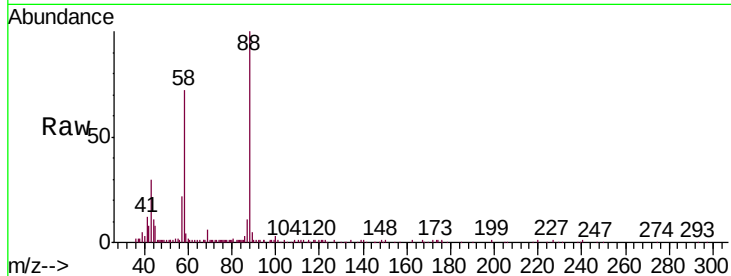
Tgt Ion: 88 Resp: 28016

Ion Ratio Lower Upper

88 100

43 32.5 26.4 39.6

58 71.3 57.3 85.9



#46

Methyl methacrylate

Concen: 11.911 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

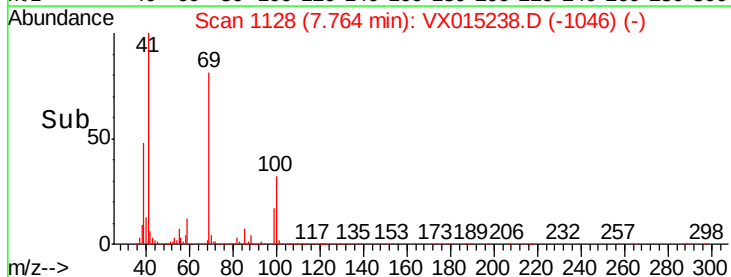
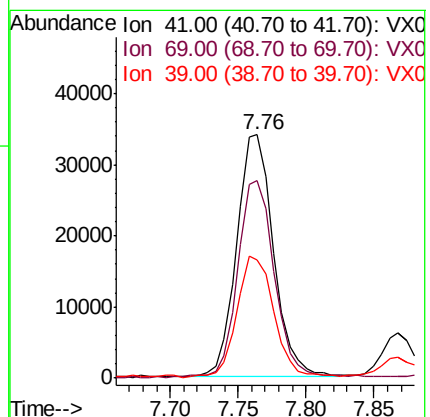
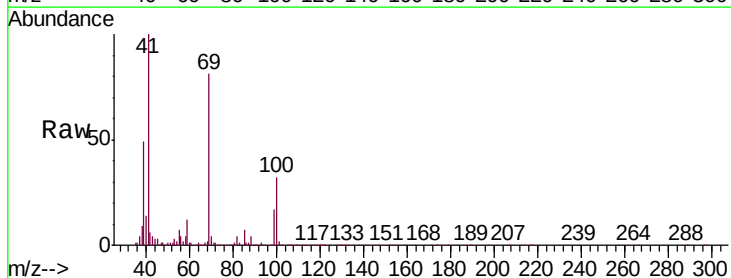
Tgt Ion: 41 Resp: 64520

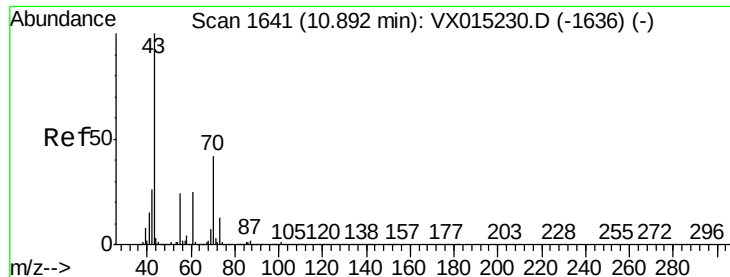
Ion Ratio Lower Upper

41 100

69 80.3 40.5 121.4

39 48.1 26.6 79.8





#47

n-amy1 Acetate

Concen: 11.268 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

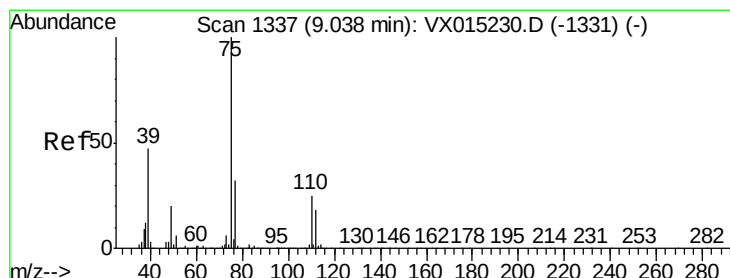
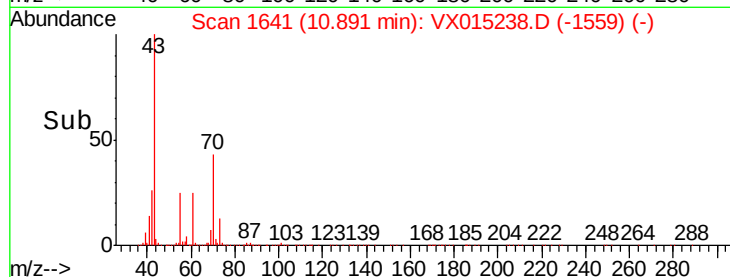
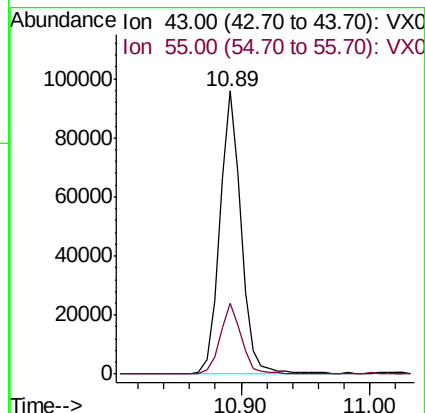
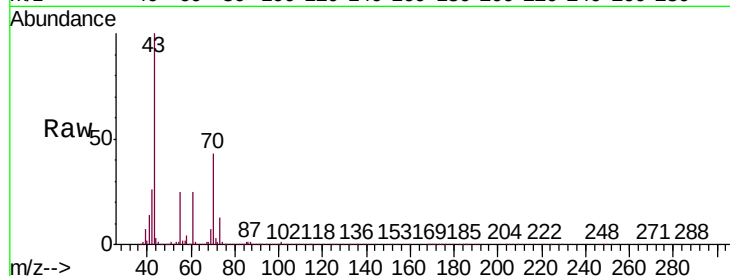
VX0312WBSD01

Tgt Ion: 43 Resp: 111077

Ion Ratio Lower Upper

43 100

55 25.0 20.4 30.6



#48

t-1,3-Dichloropropene

Concen: 11.521 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015238.D

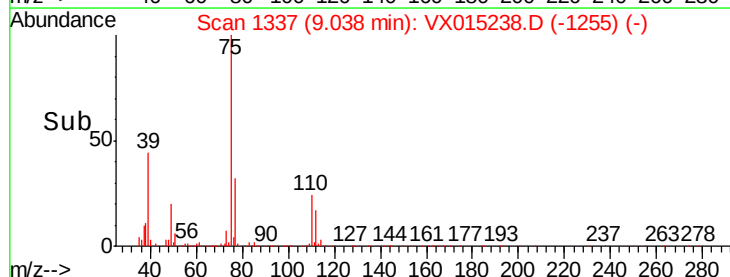
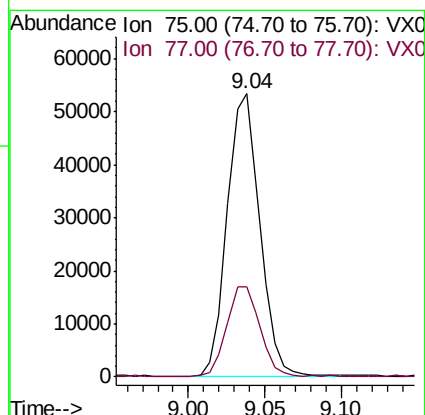
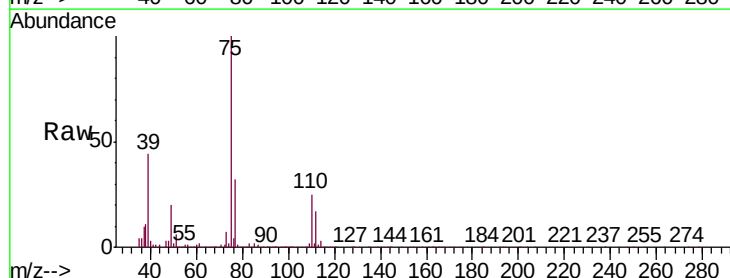
Acq: 12 Mar 2020 17:14

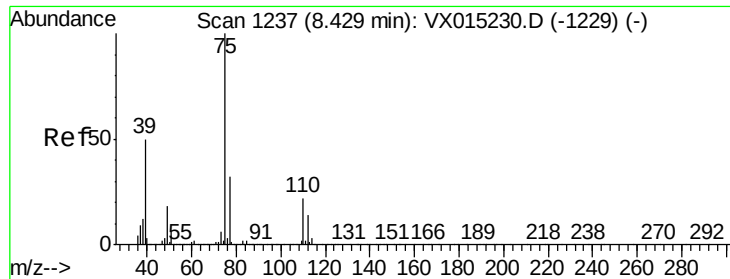
Tgt Ion: 75 Resp: 78792

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 11.381 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

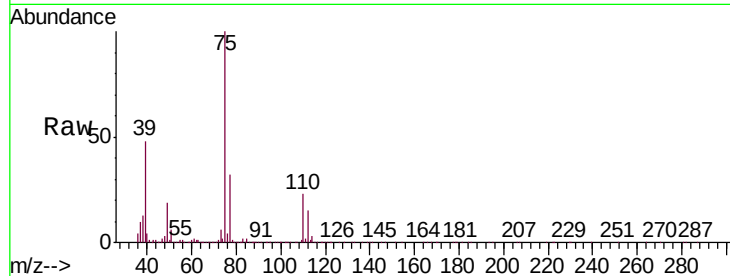
Tgt Ion: 75 Resp: 88394

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

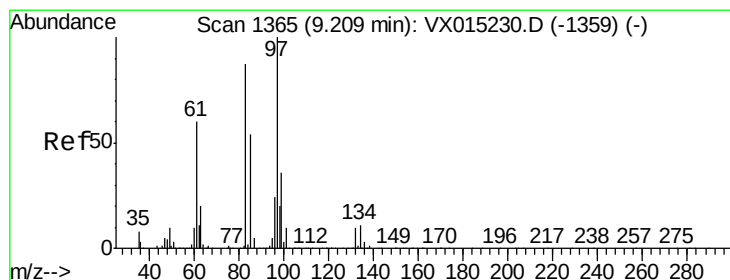
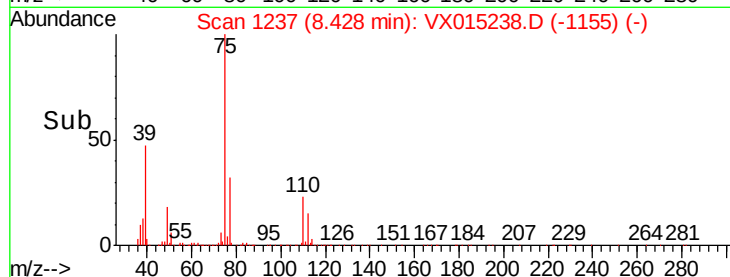
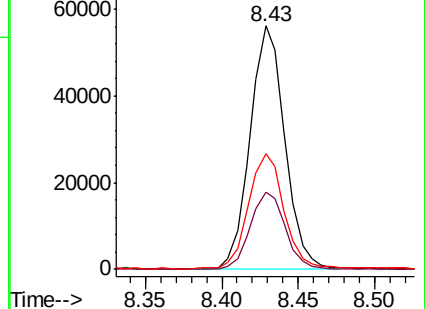
39 47.6 39.8 59.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 12.171 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Tgt Ion: 97 Resp: 57233

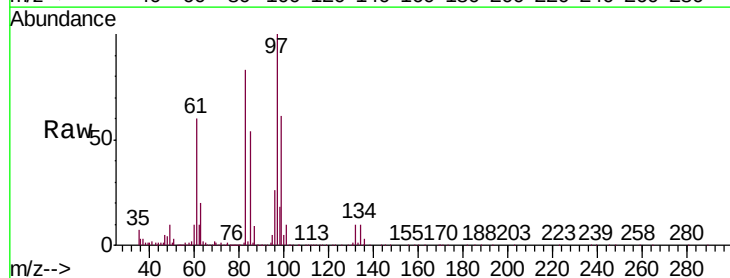
Ion Ratio Lower Upper

97 100

83 83.3 69.7 104.5

85 53.8 45.4 68.0

99 60.4 53.1 79.7

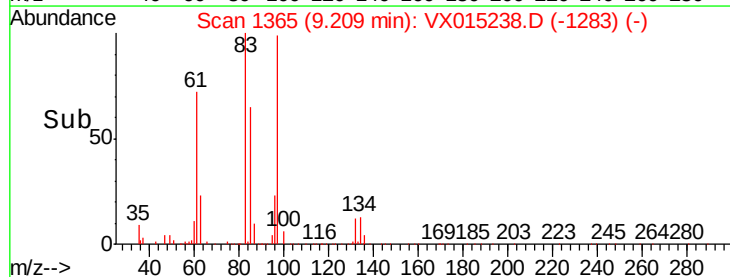
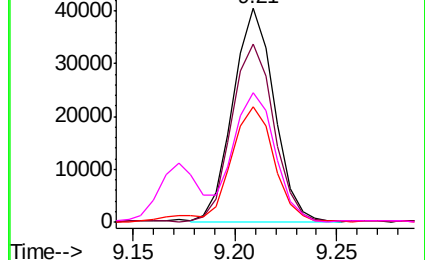


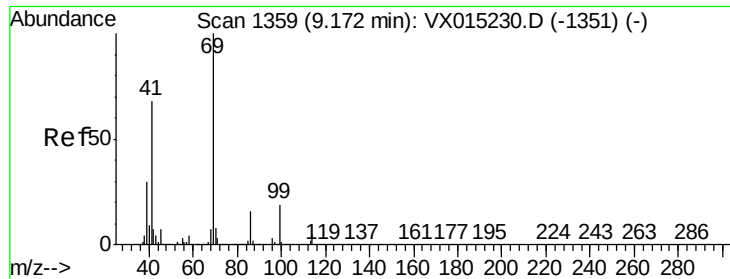
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 11.969 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

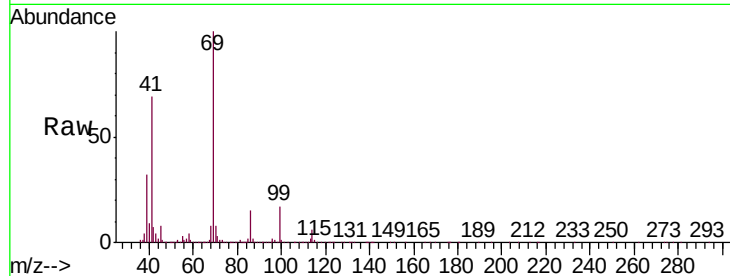
Tgt Ion: 69 Resp: 87820

Ion Ratio Lower Upper

69 100

41 69.0 33.8 101.3

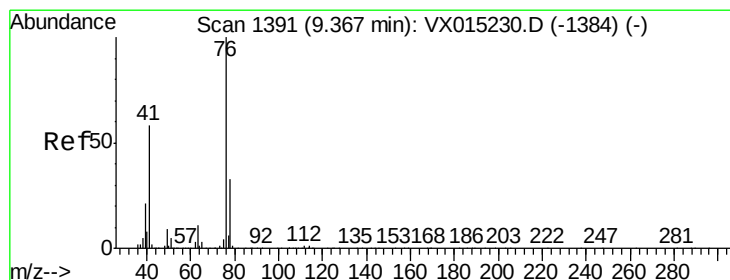
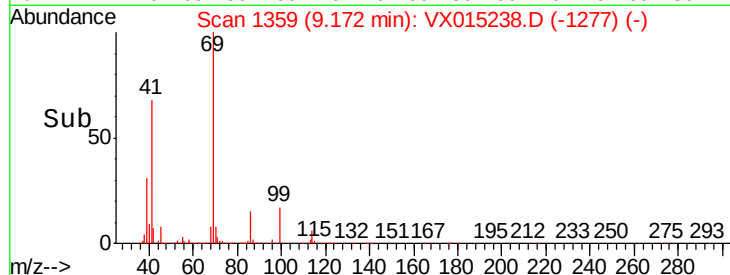
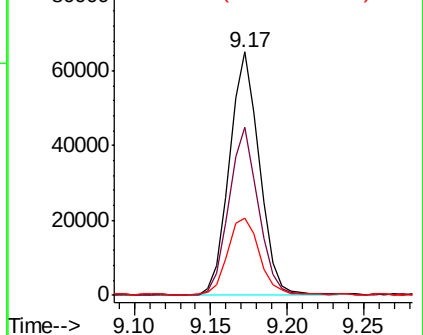
39 32.0 15.1 45.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 12.310 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015238.D

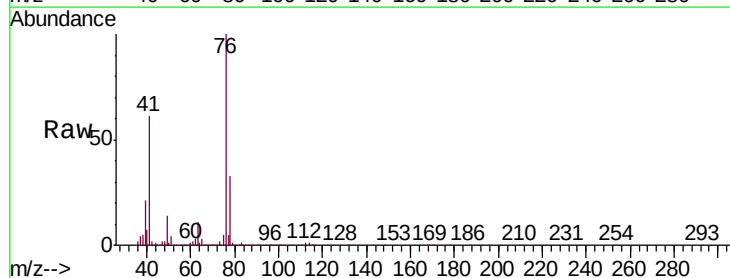
Acq: 12 Mar 2020 17:14

Tgt Ion: 76 Resp: 97970

Ion Ratio Lower Upper

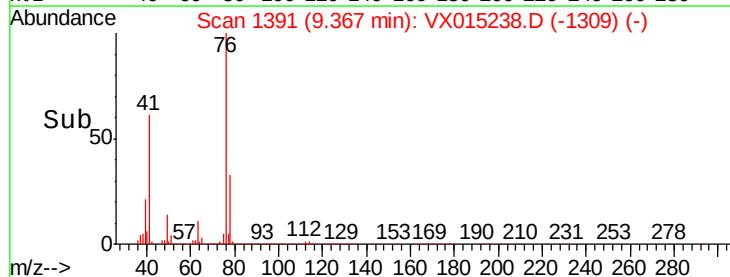
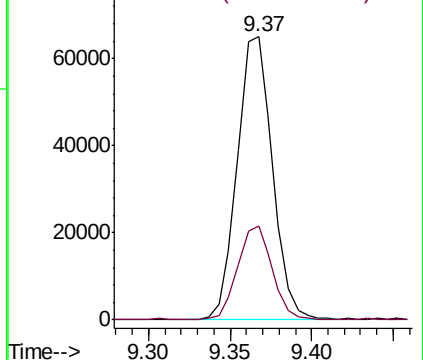
76 100

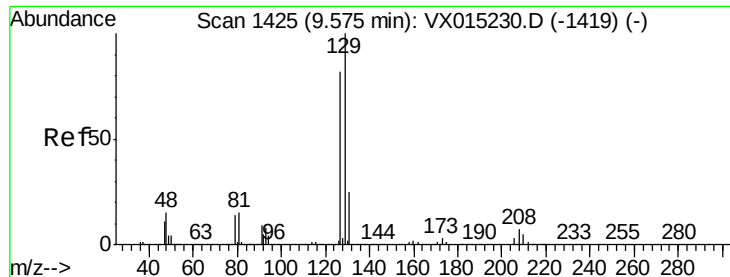
78 32.4 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 11.856 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

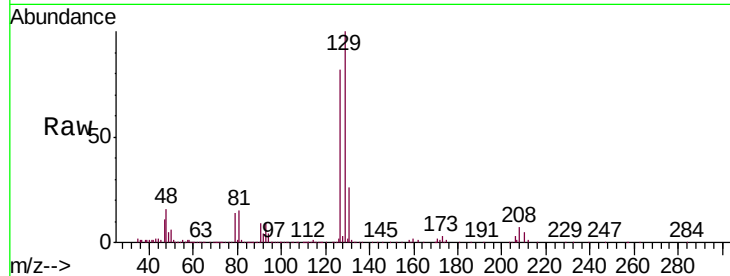
VX0312WBSD01

Tgt Ion:129 Resp: 59373

Ion Ratio Lower Upper

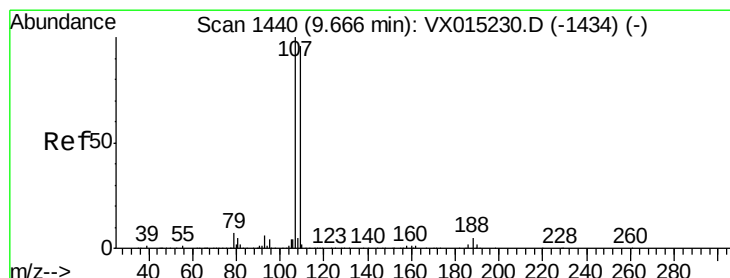
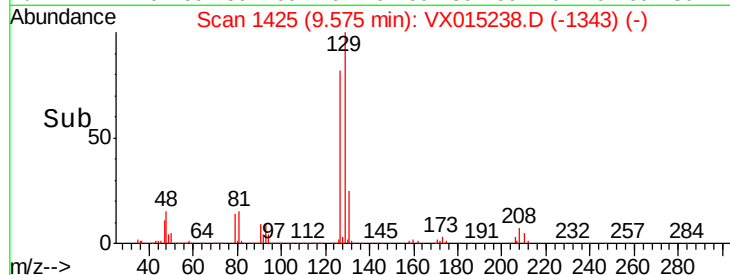
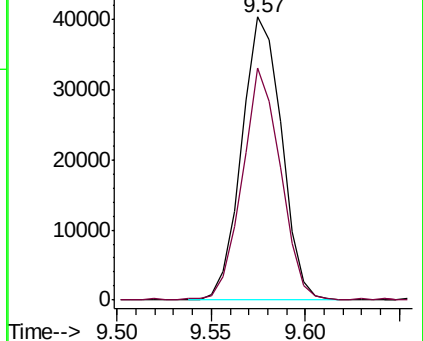
129 100

127 78.3 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 12.395 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015238.D

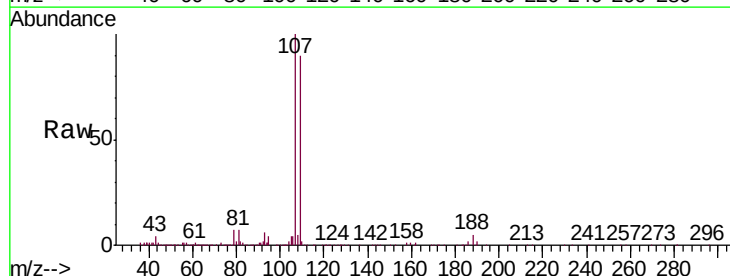
Acq: 12 Mar 2020 17:14

Tgt Ion:107 Resp: 60126

Ion Ratio Lower Upper

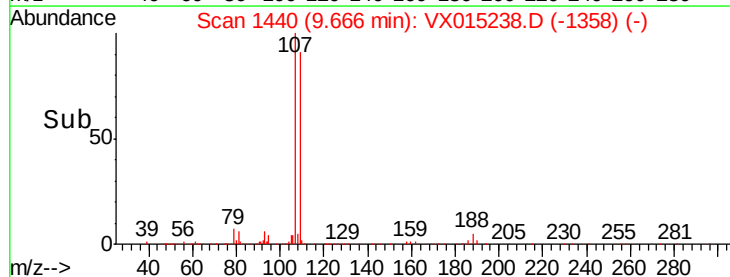
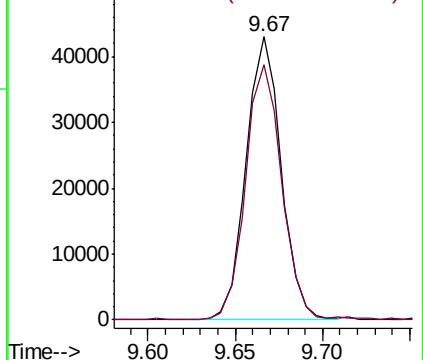
107 100

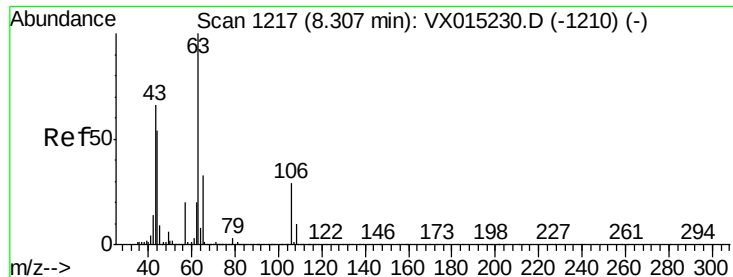
109 92.5 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

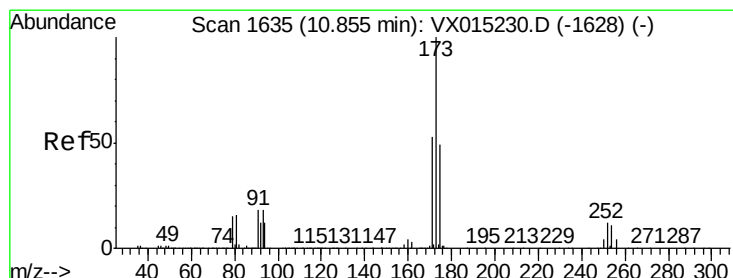
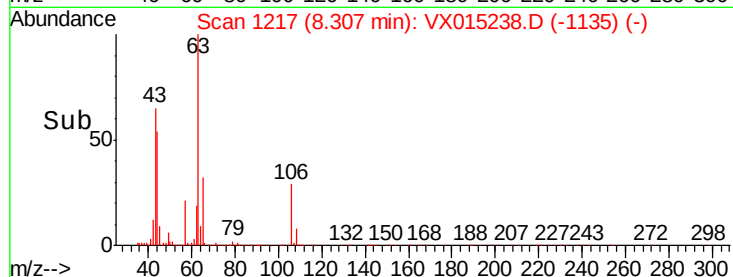
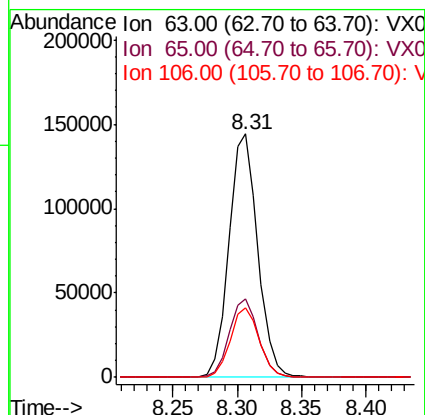
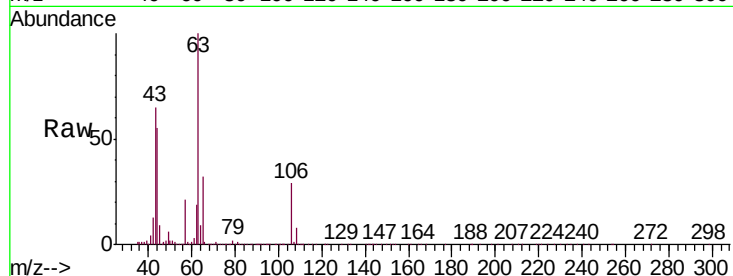




#55
 2-Chloroethyl vinyl ether
 Concen: 61.381 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

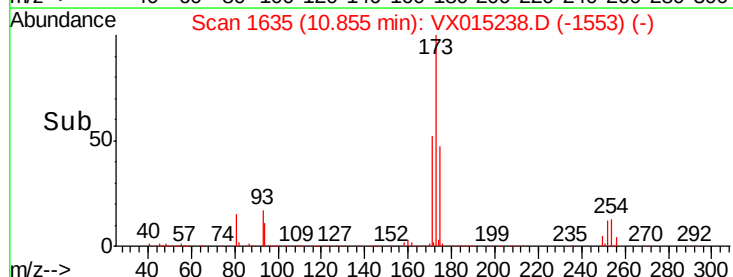
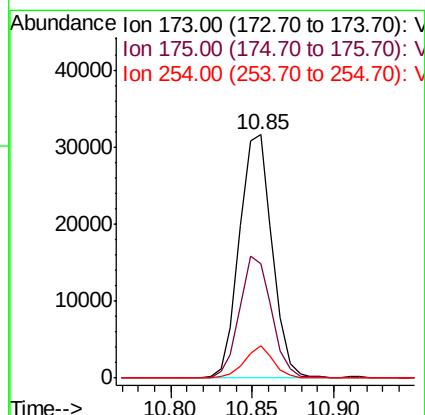
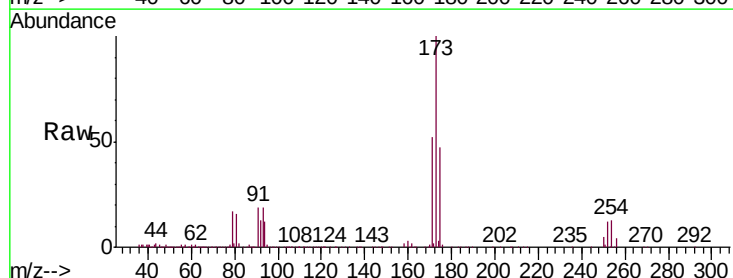
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

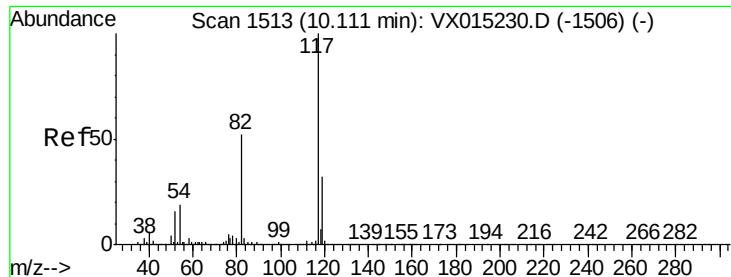
Tgt Ion:	63	Resp:	225563
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	28.5	23.0	34.4



#56
 Bromoform
 Concen: 11.258 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion:	173	Resp:	44201
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.9	58.3
254	11.6	9.1	13.7

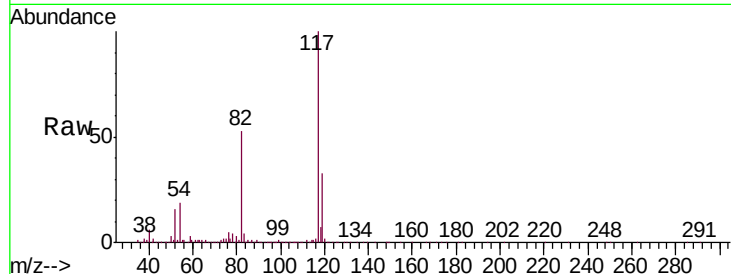




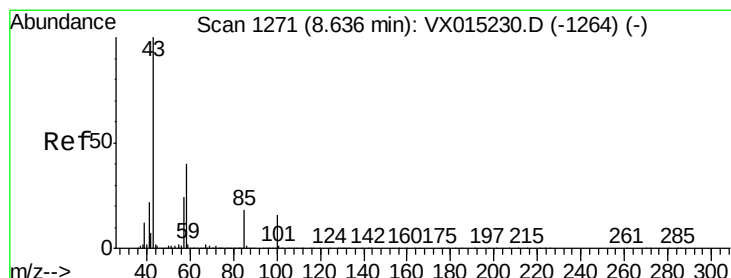
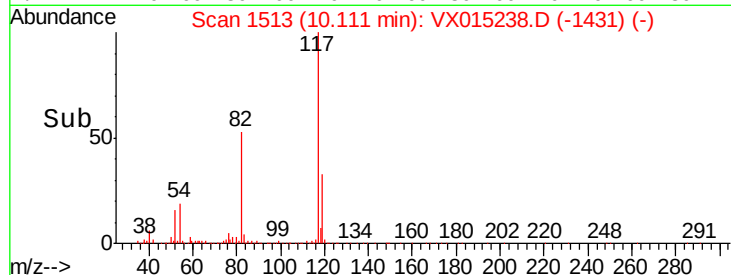
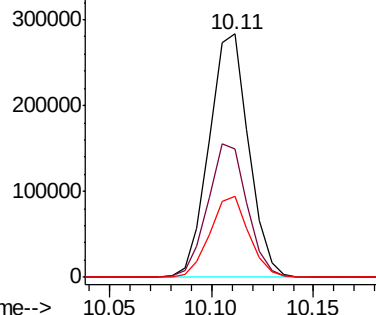
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.2	64.8
119	32.6	25.8	38.8

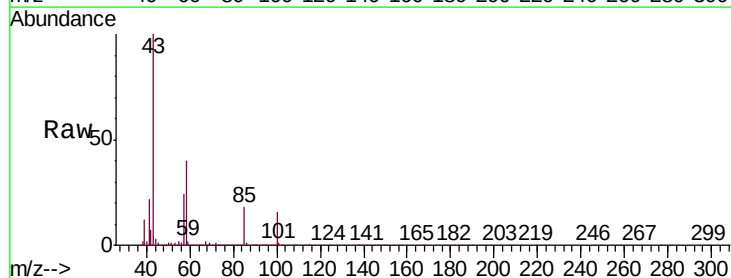


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

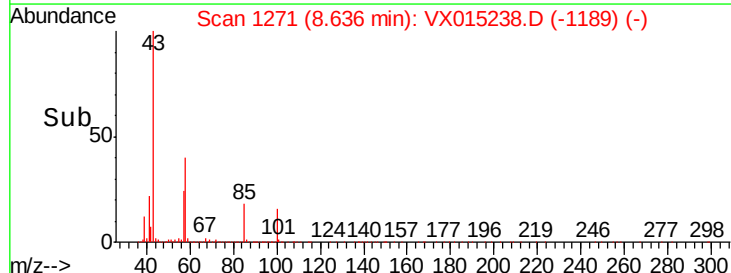
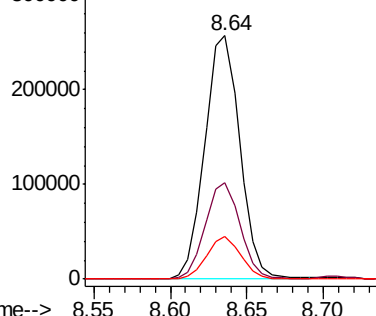


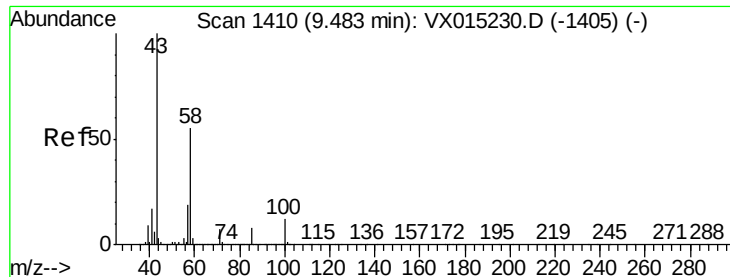
#58
4-Methyl-2-Pentanone
Concen: 62.877 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4
85	17.1	13.8	20.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

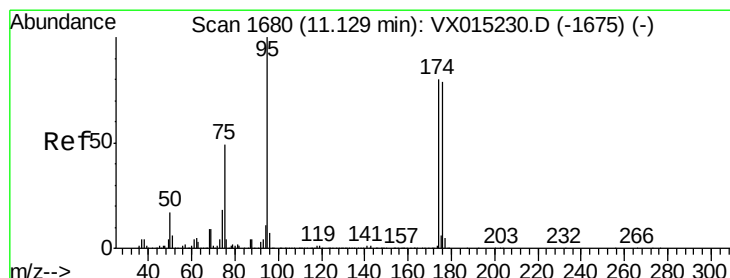
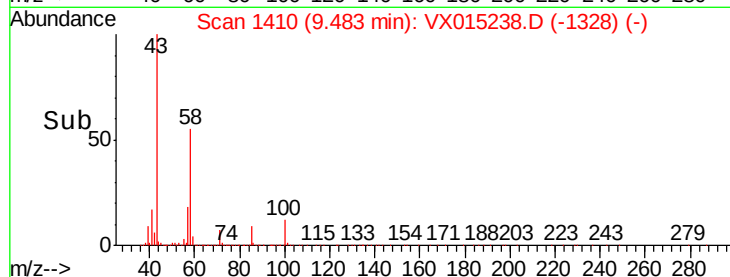
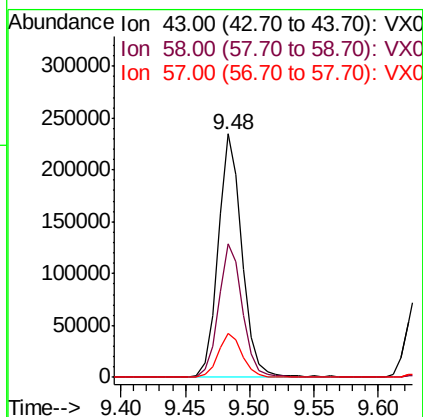
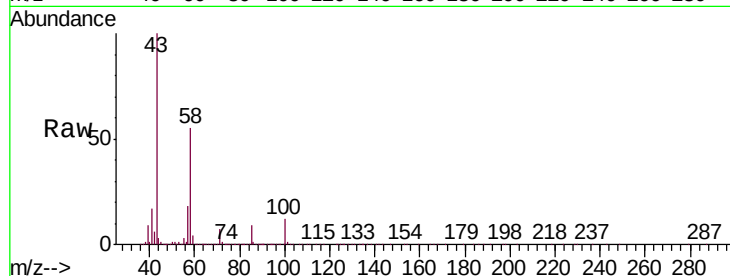




#59
2-Hexanone
Concen: 61.676 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

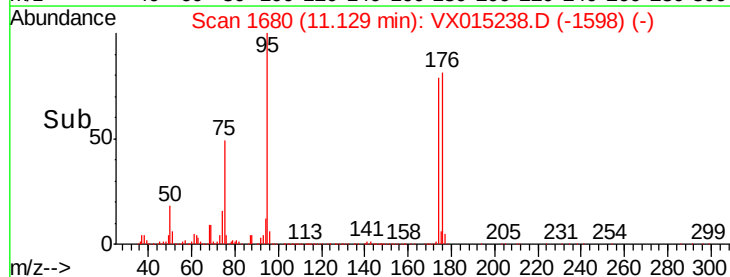
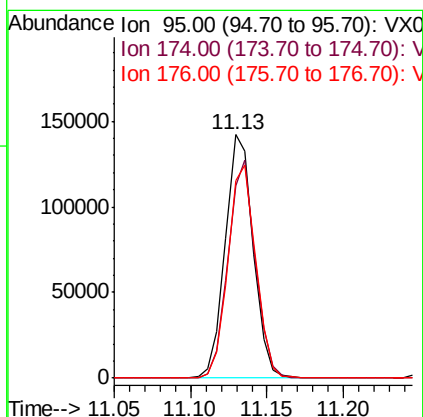
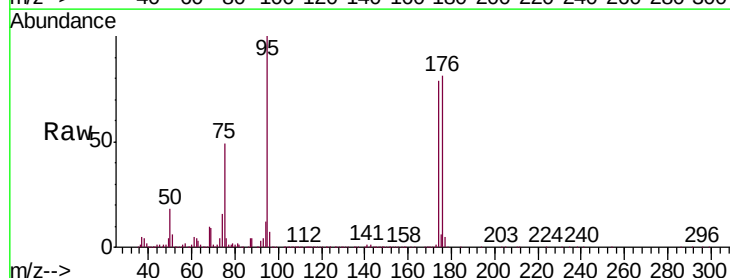
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

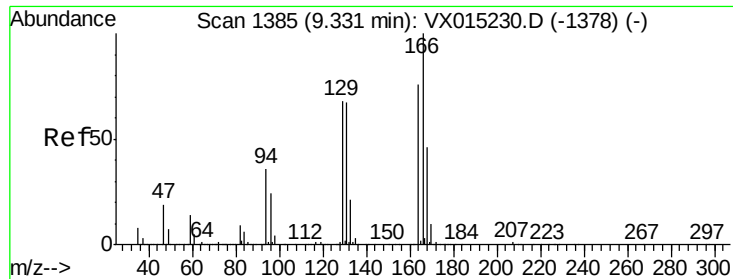
Tgt Ion: 43 Resp: 303471
Ion Ratio Lower Upper
43 100
58 54.6 44.6 66.8
57 18.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.592 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 95 Resp: 180129
Ion Ratio Lower Upper
95 100
174 87.3 72.0 108.0
176 86.7 70.1 105.1

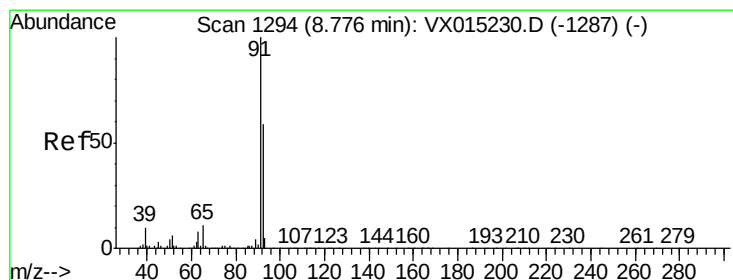
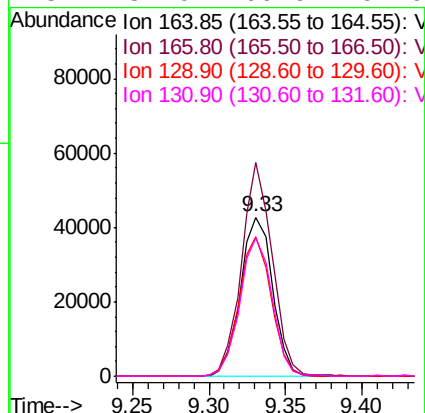
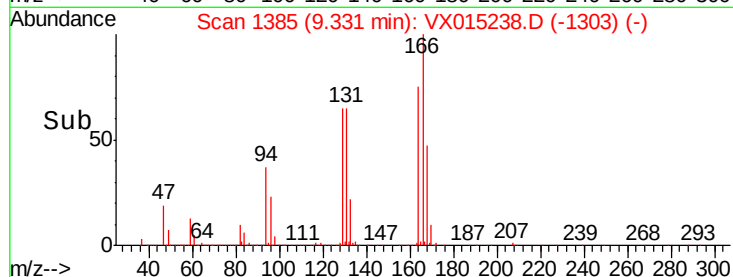
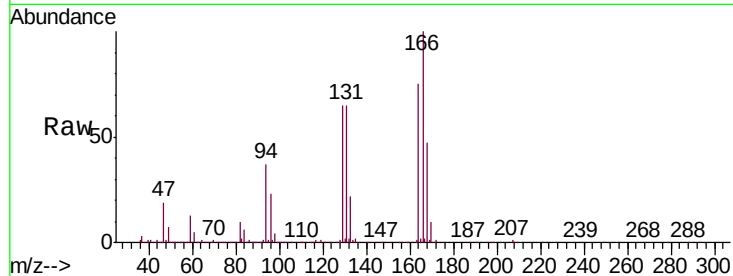




#61
Tetrachloroethene
Concen: 11.788 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

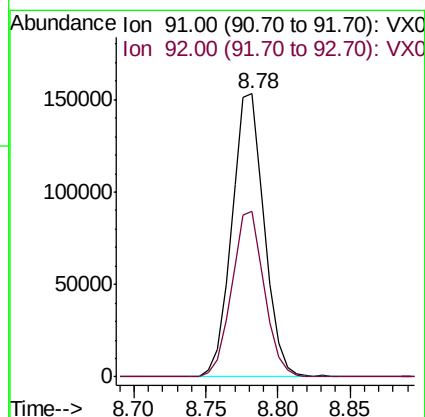
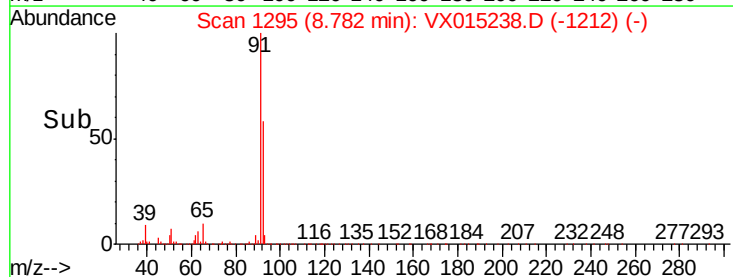
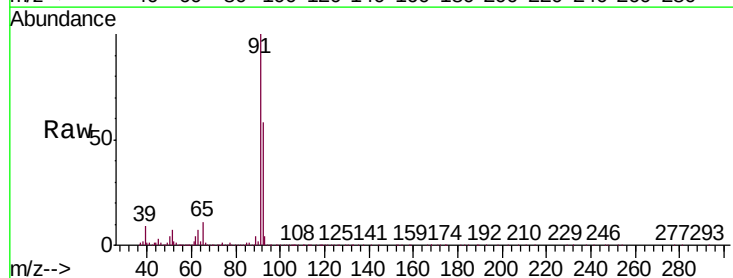
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

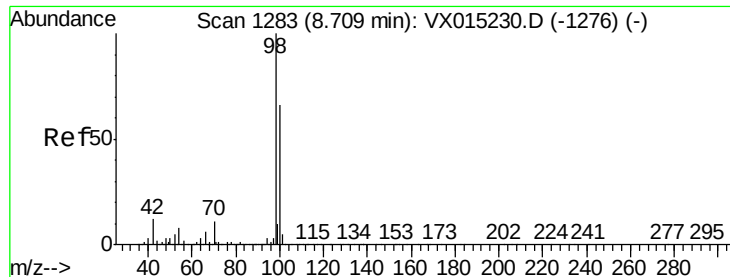
Tgt Ion:164 Resp: 62745
Ion Ratio Lower Upper
164 100
166 134.2 105.1 157.7
129 87.7 71.5 107.3
131 87.0 69.9 104.9



#62
Toluene
Concen: 11.878 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 91 Resp: 240350
Ion Ratio Lower Upper
91 100
92 58.4 47.1 70.7





#63

Toluene-d8

Concen: 30.338 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

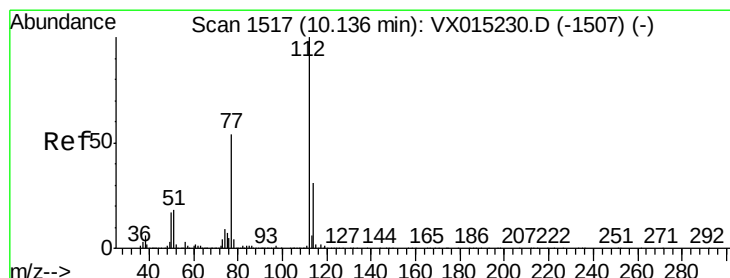
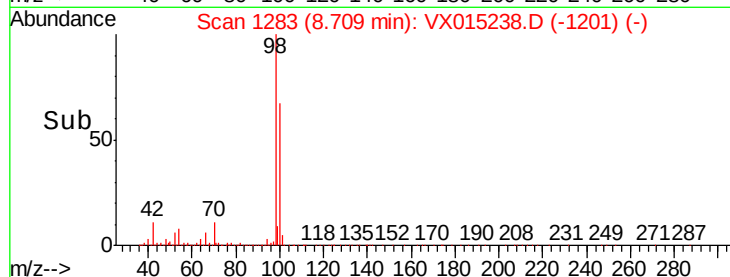
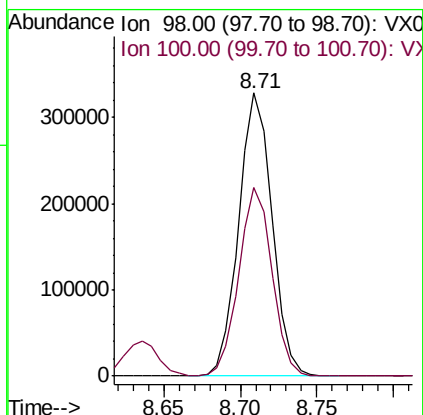
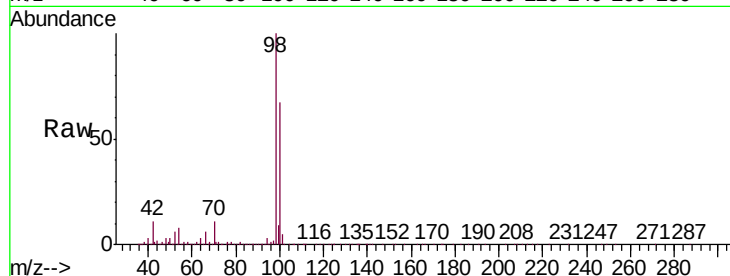
VX0312WBSD01

Tgt Ion: 98 Resp: 496910

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



#64

Chlorobenzene

Concen: 11.701 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015238.D

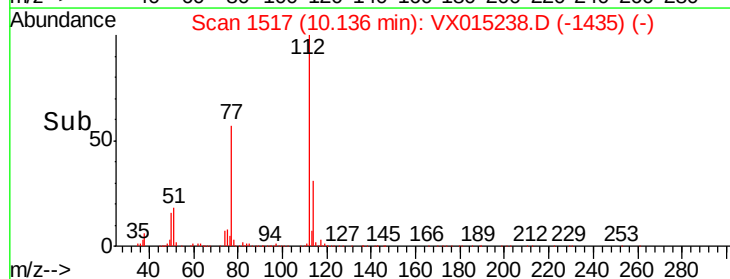
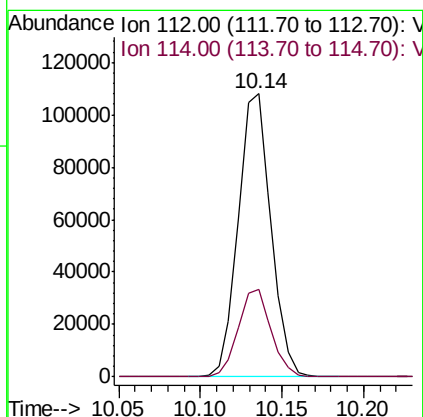
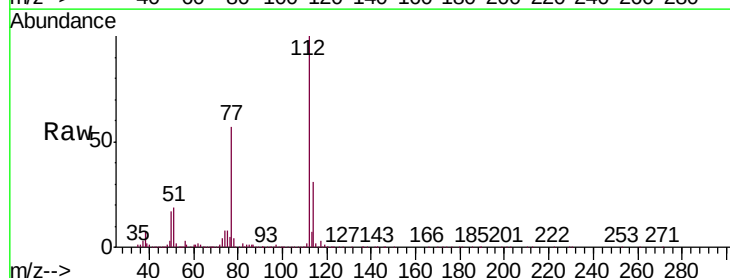
Acq: 12 Mar 2020 17:14

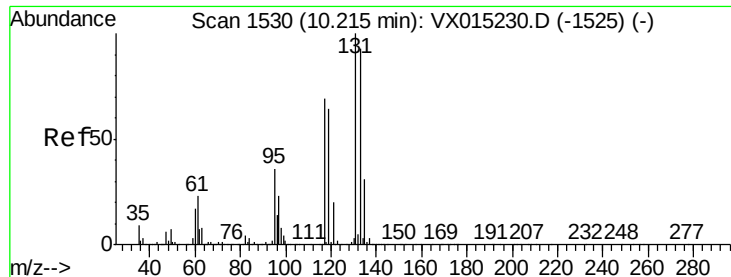
Tgt Ion: 112 Resp: 151286

Ion Ratio Lower Upper

112 100

114 31.1 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 12.017 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

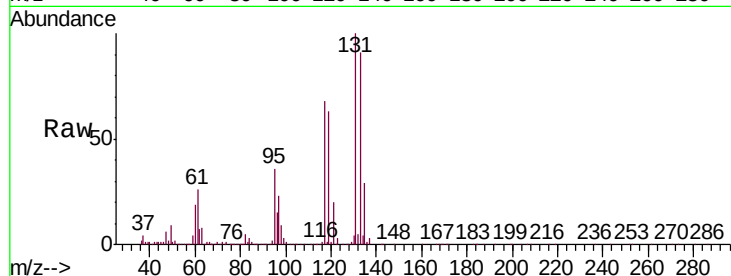
Tgt Ion: 131 Resp: 57230

Ion Ratio Lower Upper

131 100

133 93.8 0.0 188.0

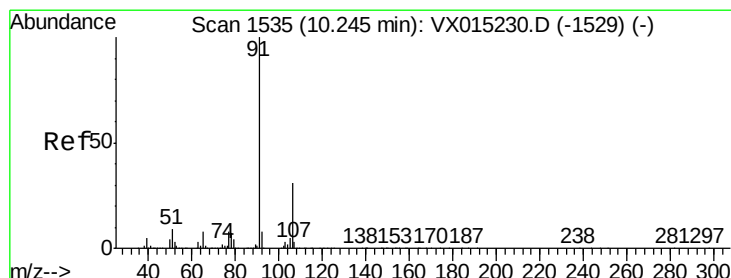
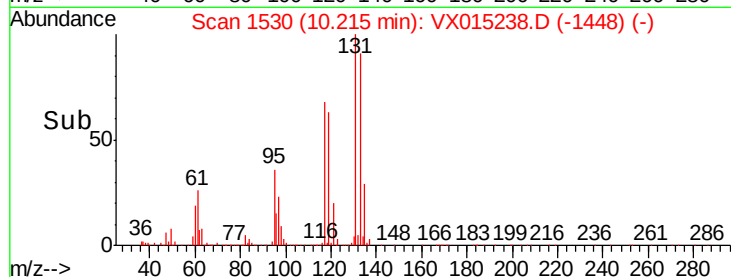
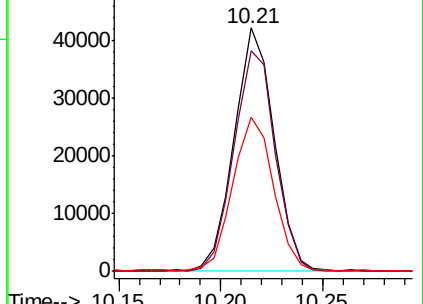
119 64.3 0.0 131.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 11.426 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015238.D

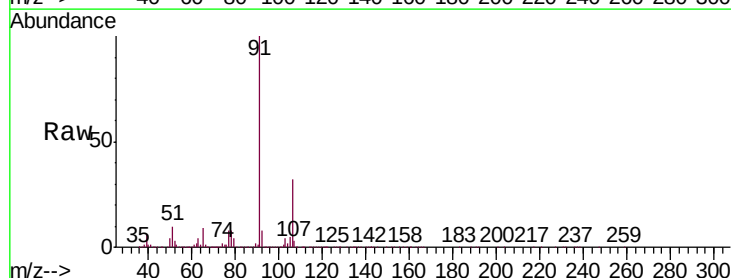
Acq: 12 Mar 2020 17:14

Tgt Ion: 91 Resp: 257549

Ion Ratio Lower Upper

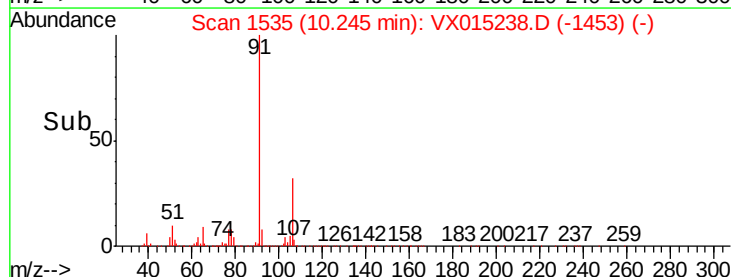
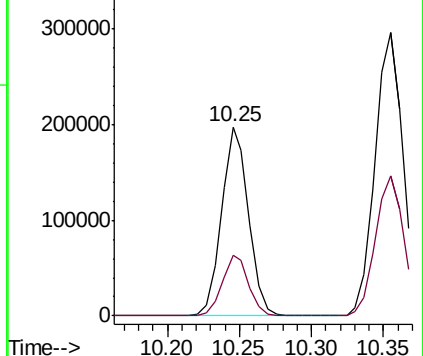
91 100

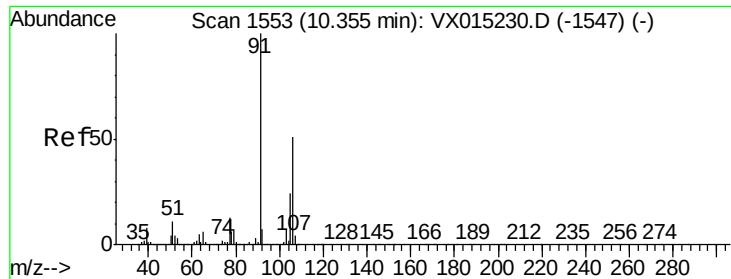
106 31.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

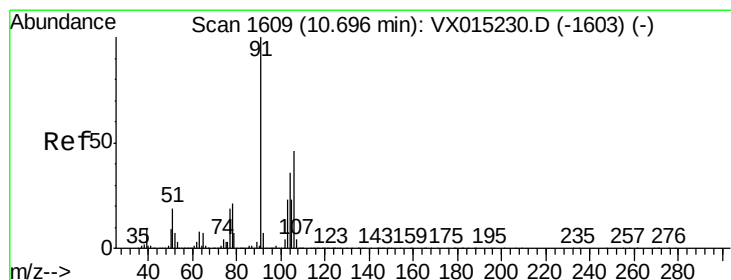
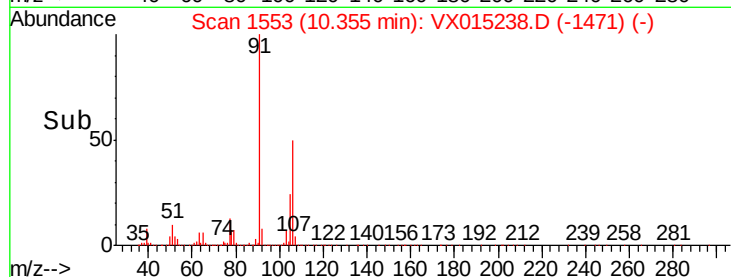
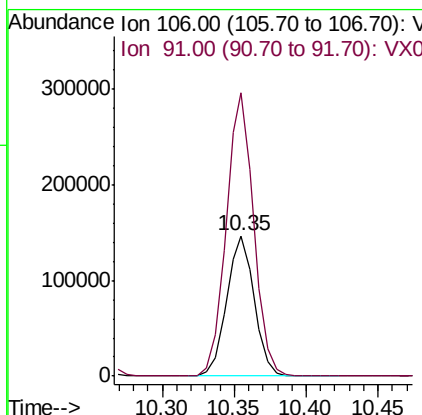
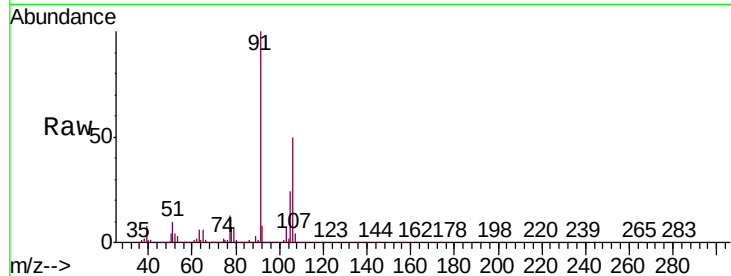




#67
m/p-Xylenes
Concen: 22.845 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

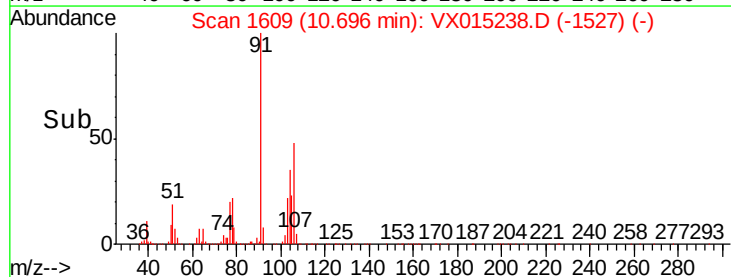
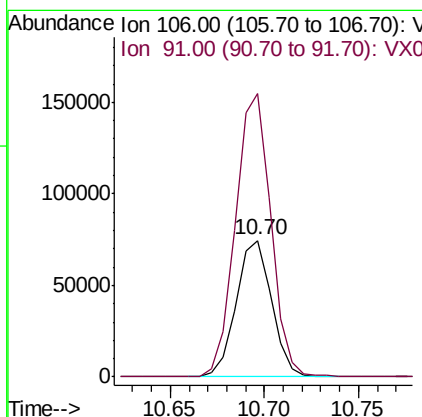
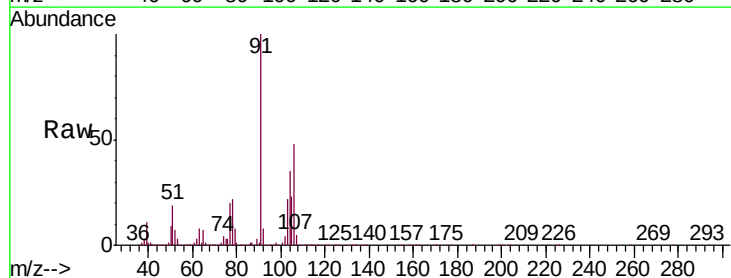
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

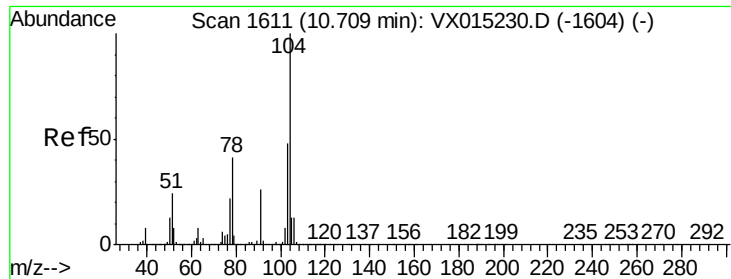
Tgt Ion:106 Resp: 197676
Ion Ratio Lower Upper
106 100
91 199.9 160.1 240.1



#68
o-Xylene
Concen: 11.739 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion:106 Resp: 97391
Ion Ratio Lower Upper
106 100
91 206.5 106.4 319.2





#69

Styrene

Concen: 11.540 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

VX0312WBSD01

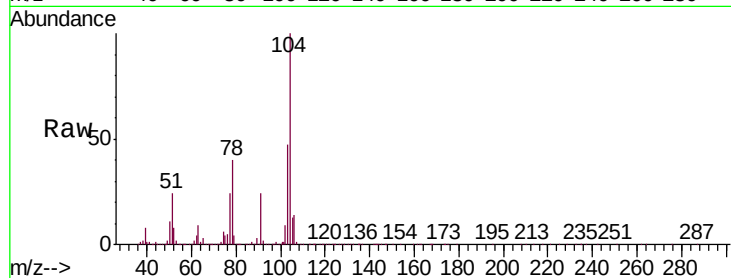
Tgt Ion:104 Resp: 166613

Ion Ratio Lower Upper

104 100

78 48.2 38.9 58.3

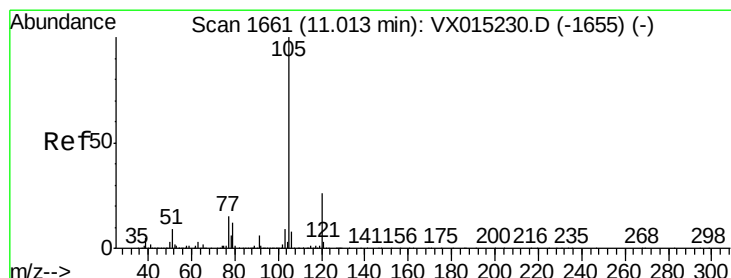
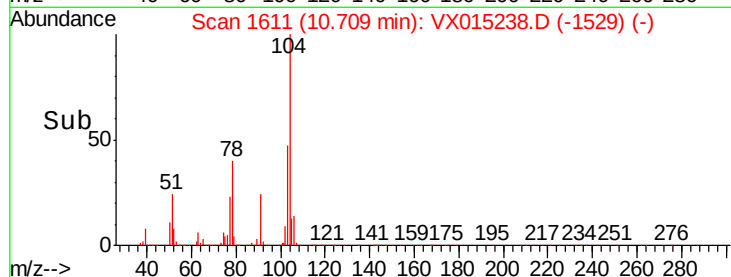
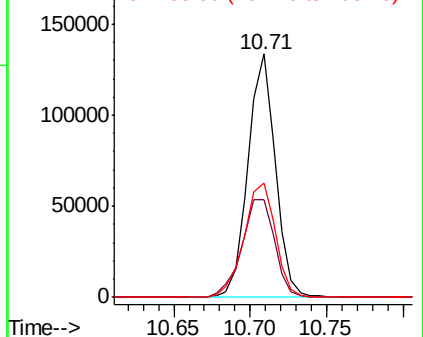
103 54.0 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 11.515 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015238.D

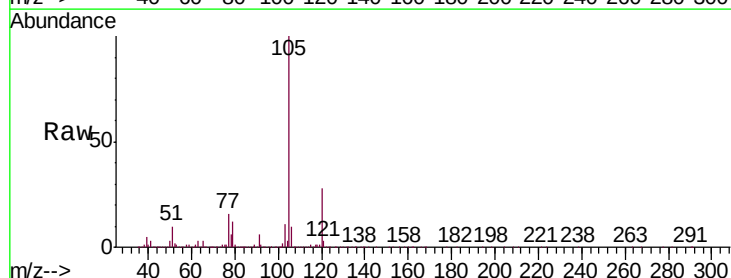
Acq: 12 Mar 2020 17:14

Tgt Ion:105 Resp: 254260

Ion Ratio Lower Upper

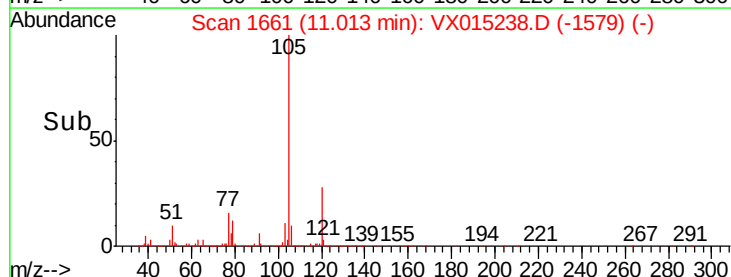
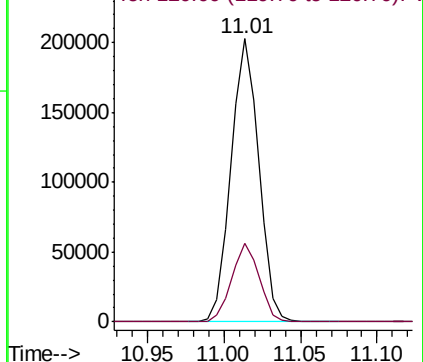
105 100

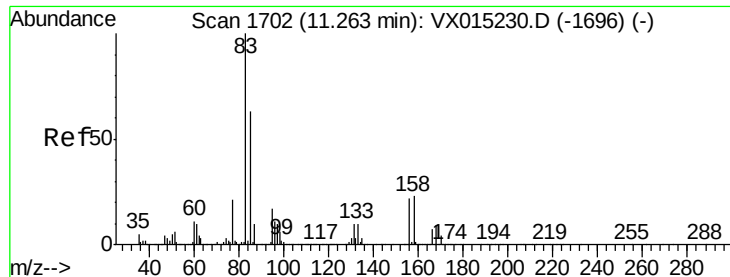
120 27.5 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

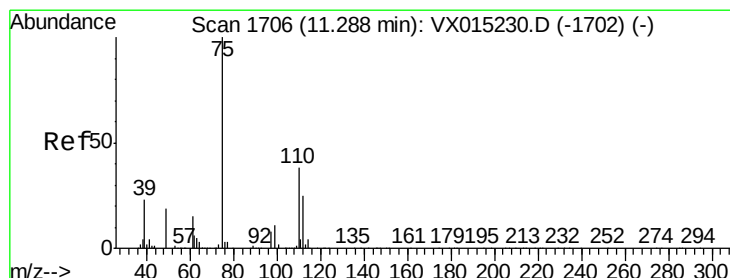
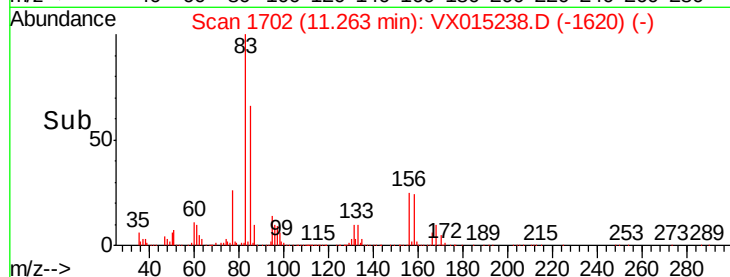
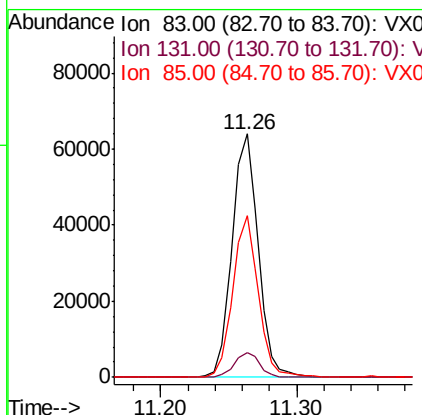
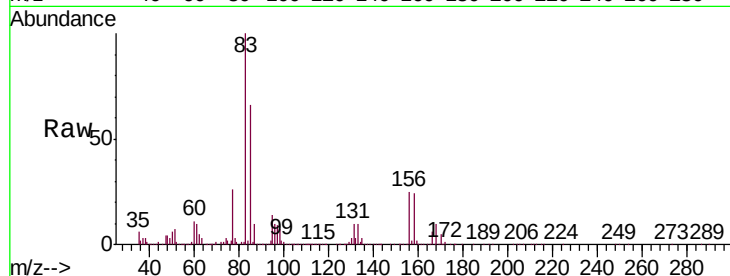




#71
 1,1,2,2-Tetrachloroethane
 Concen: 11.946 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

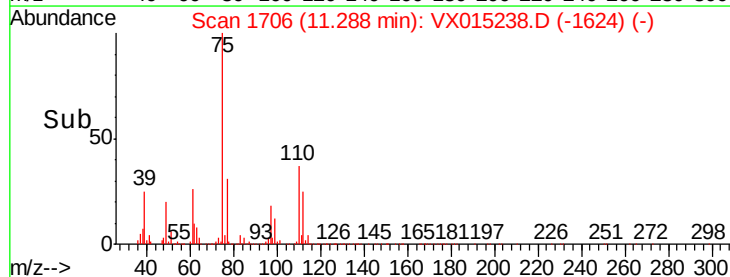
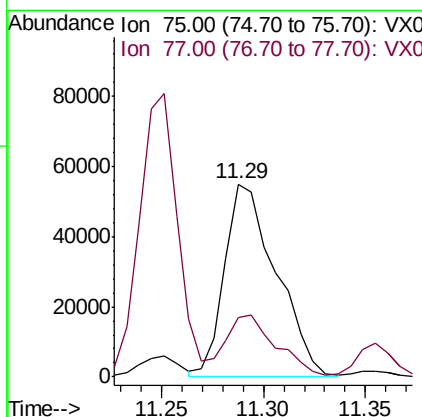
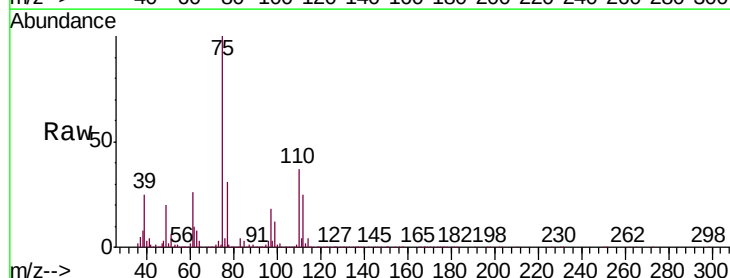
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

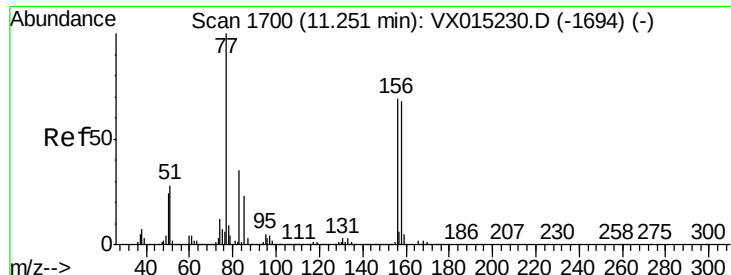
Tgt Ion: 83 Resp: 85626
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 64.8 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 16.430 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion: 75 Resp: 96392
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 83.0

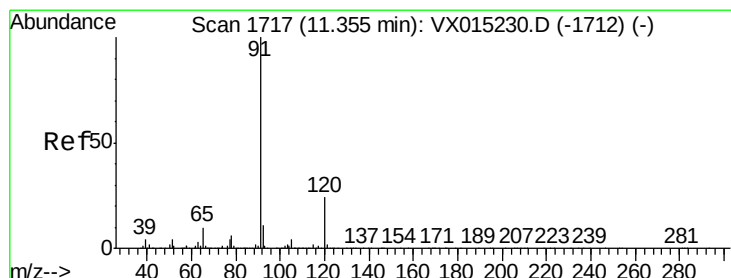
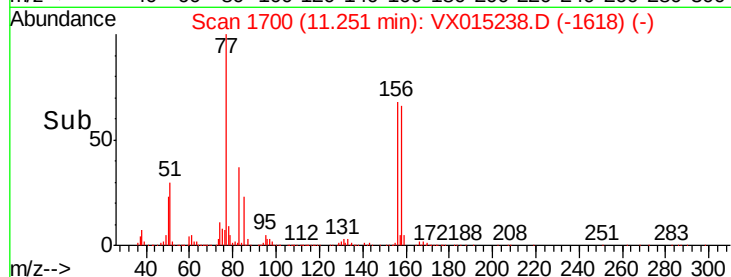
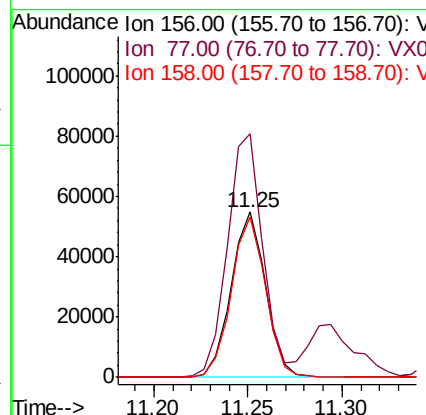
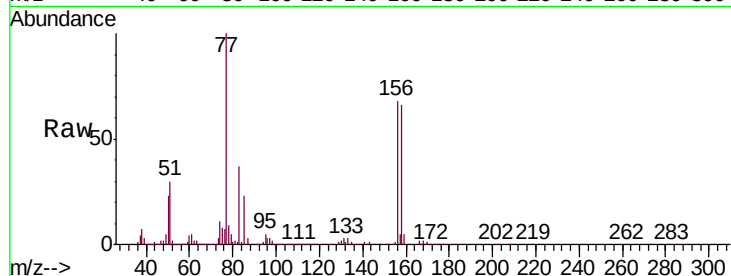




#73
Bromobenzene
Concen: 11.549 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

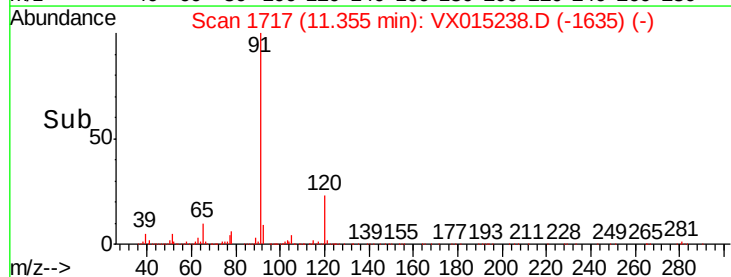
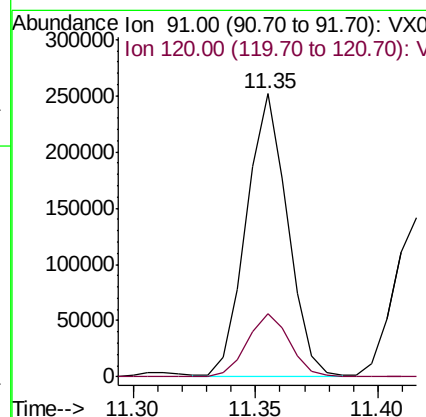
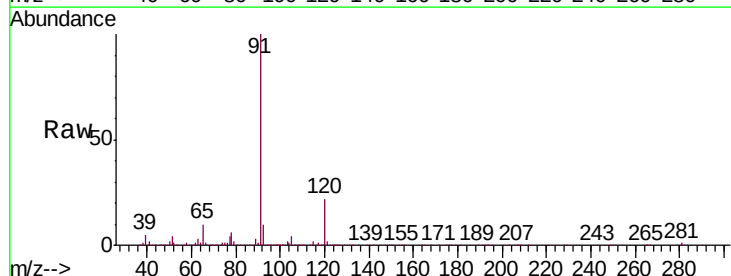
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

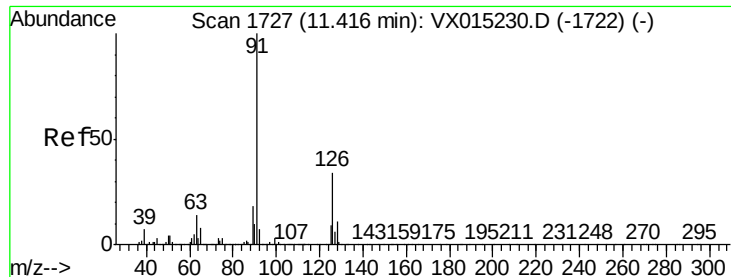
Tgt Ion:156 Resp: 69544
Ion Ratio Lower Upper
156 100
77 149.4 0.0 305.0
158 96.4 0.0 197.2



#74
n-propylbenzene
Concen: 11.352 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015238.D
Acq: 12 Mar 2020 17:14

Tgt Ion: 91 Resp: 296133
Ion Ratio Lower Upper
91 100
120 22.8 0.0 47.0





#75

2-Chlorotoluene

Concen: 11.519 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

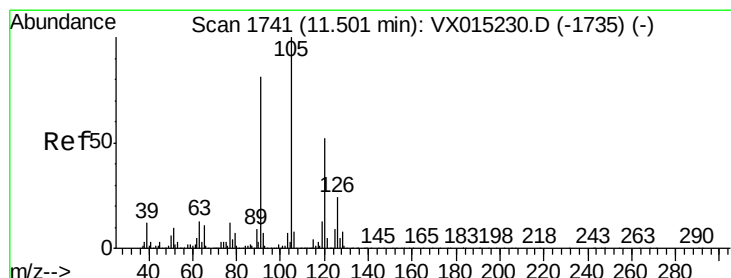
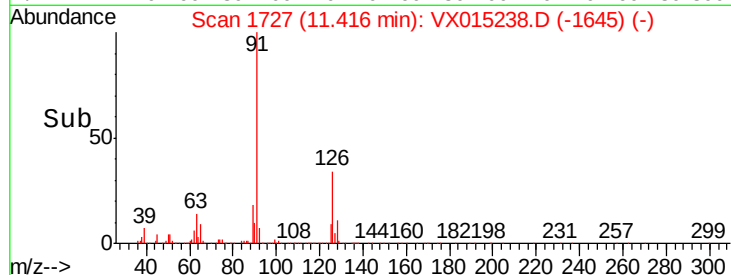
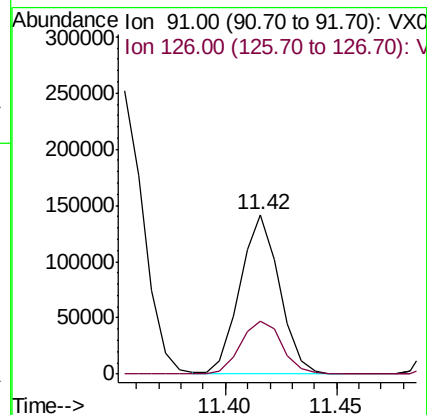
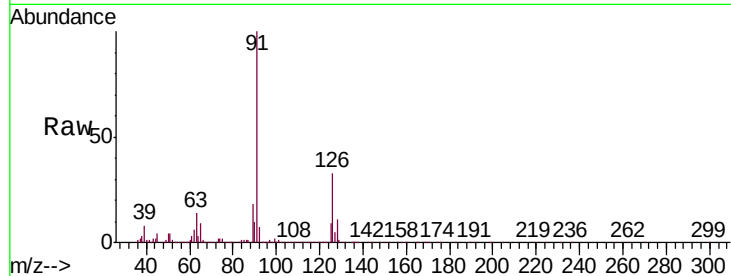
VX0312WBSD01

Tgt Ion: 91 Resp: 175447

Ion Ratio Lower Upper

91 100

126 35.0 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 11.229 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015238.D

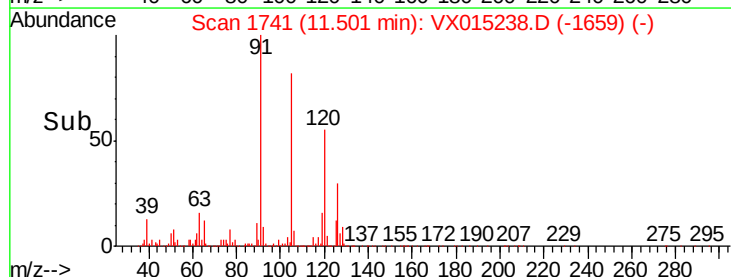
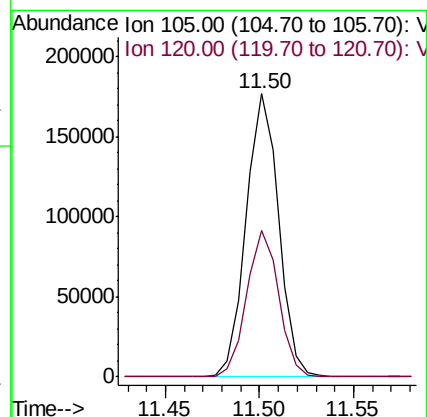
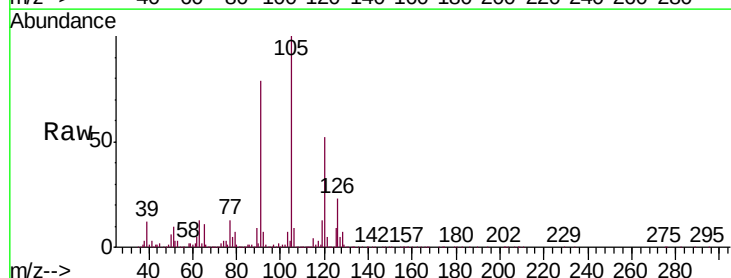
Acq: 12 Mar 2020 17:14

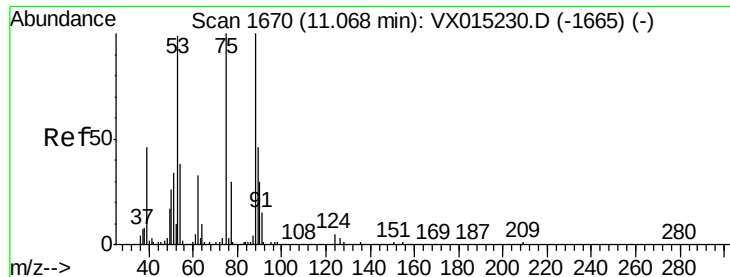
Tgt Ion: 105 Resp: 211655

Ion Ratio Lower Upper

105 100

120 51.4 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 10.750 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

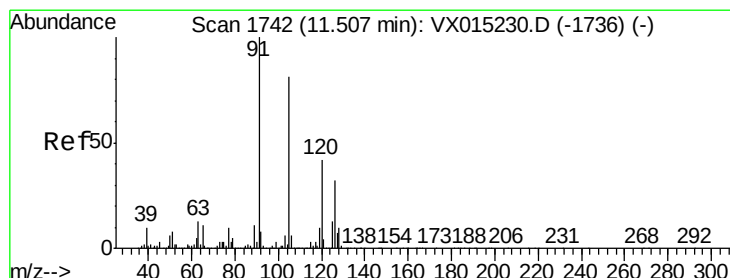
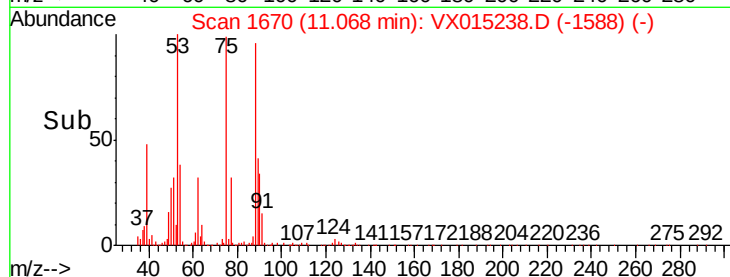
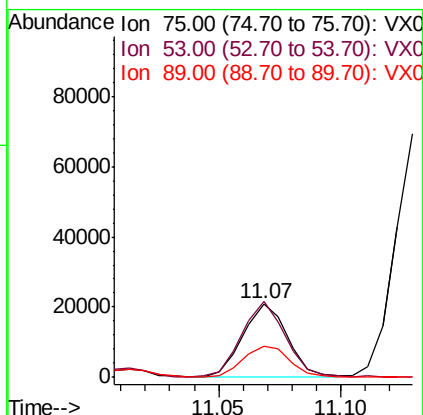
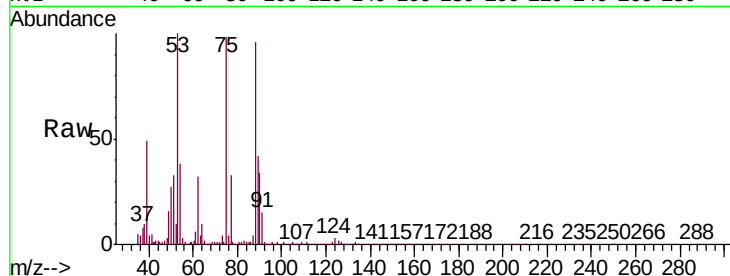
Tgt Ion: 75 Resp: 26414

Ion Ratio Lower Upper

75 100

53 102.4 49.5 148.3

89 42.3 22.9 68.8



#78

4-Chlorotoluene

Concen: 11.379 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015238.D

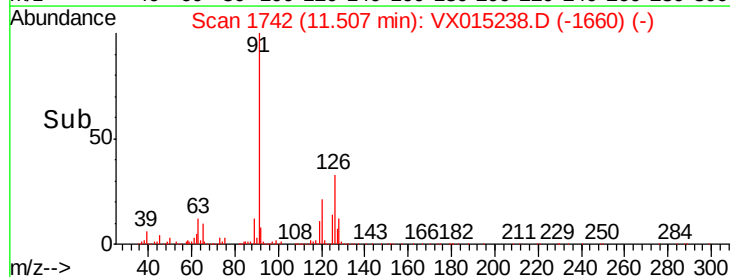
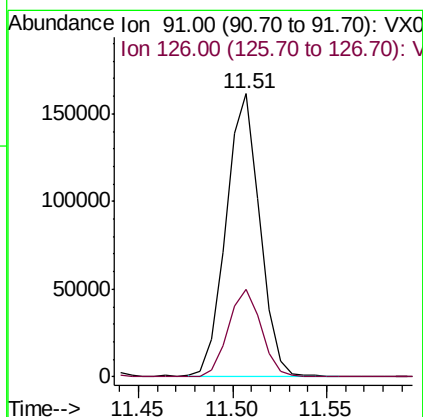
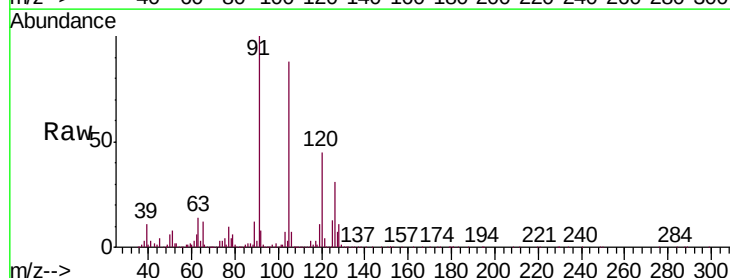
Acq: 12 Mar 2020 17:14

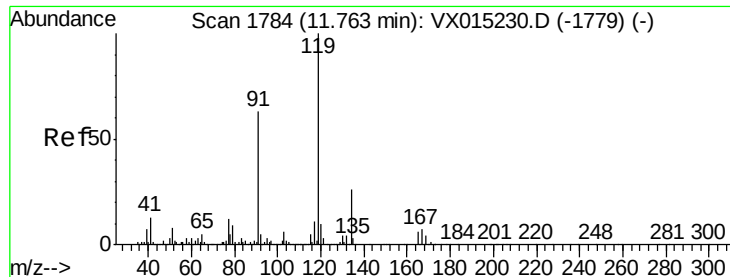
Tgt Ion: 91 Resp: 199534

Ion Ratio Lower Upper

91 100

126 30.5 0.0 61.4





#79

tert-butylbenzene

Concen: 11.742 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

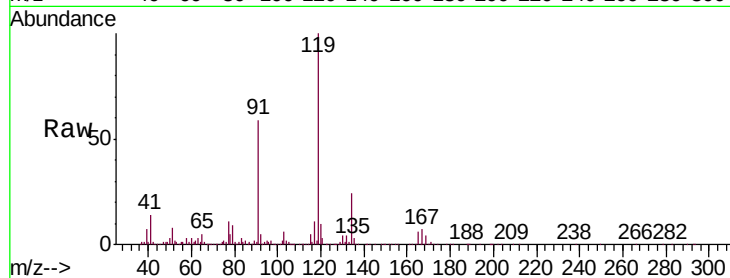
Tgt Ion:119 Resp: 207502

Ion Ratio Lower Upper

119 100

91 56.8 0.0 115.4

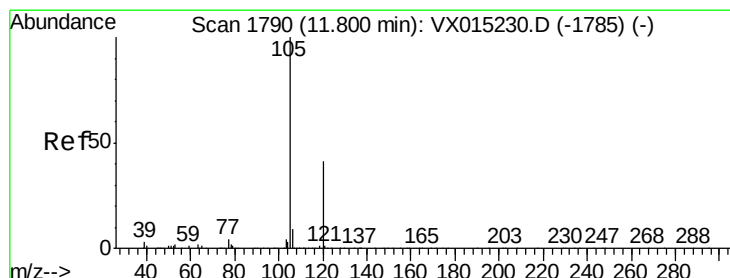
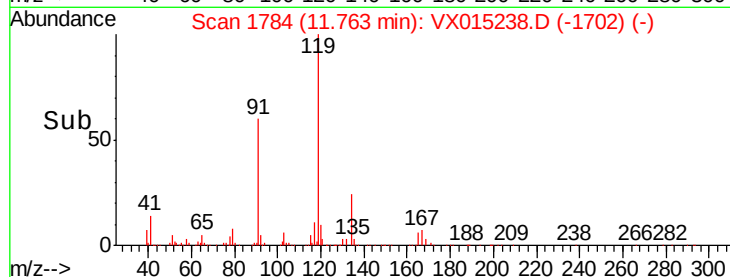
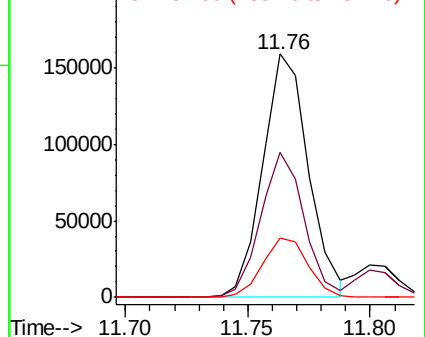
134 24.6 0.0 49.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 11.538 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015238.D

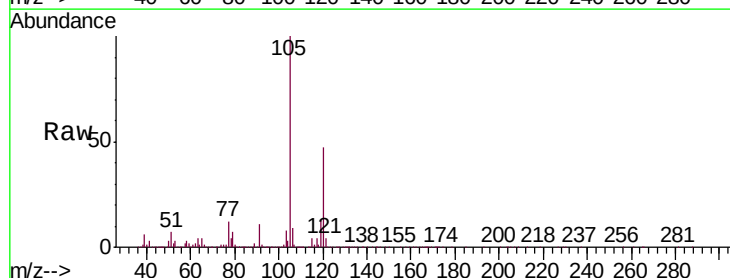
Acq: 12 Mar 2020 17:14

Tgt Ion:105 Resp: 215009

Ion Ratio Lower Upper

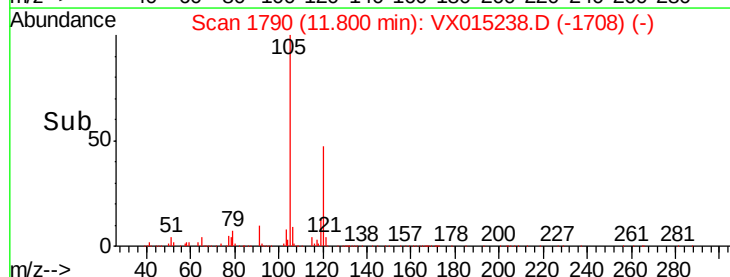
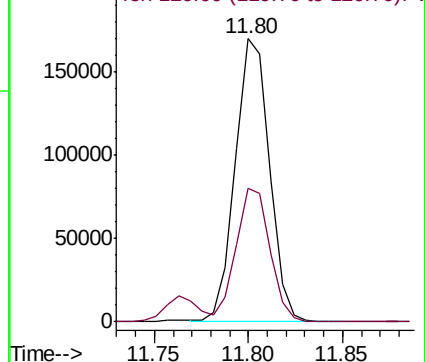
105 100

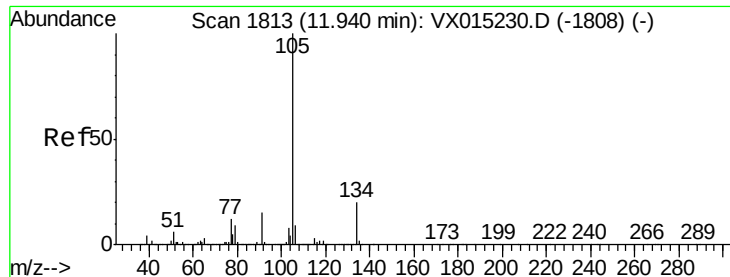
120 46.6 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 11.504 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

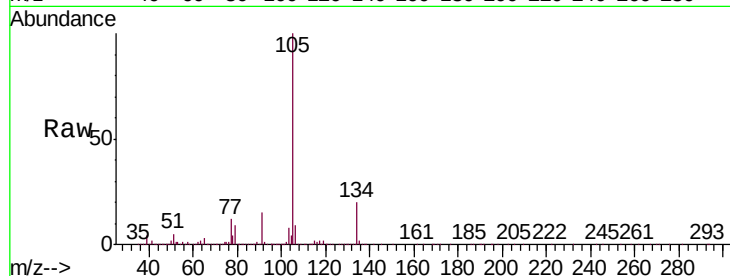
VX0312WBSD01

Tgt Ion:105 Resp: 252310

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

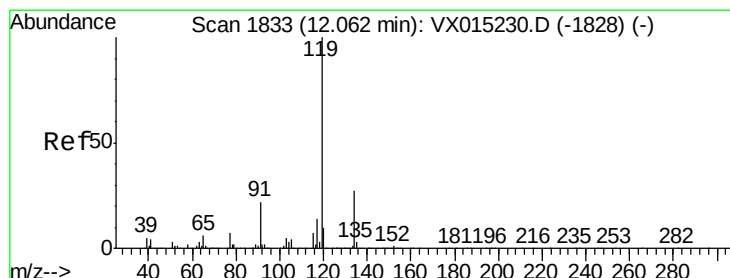
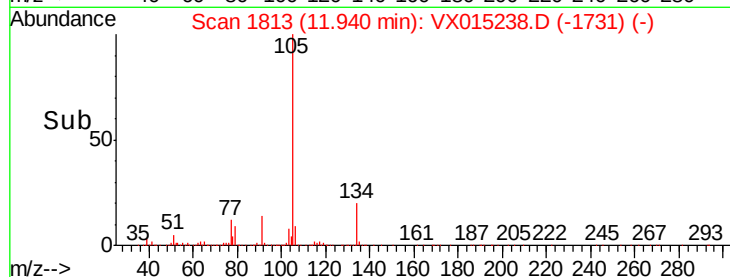
50000

0

11.94

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 11.441 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

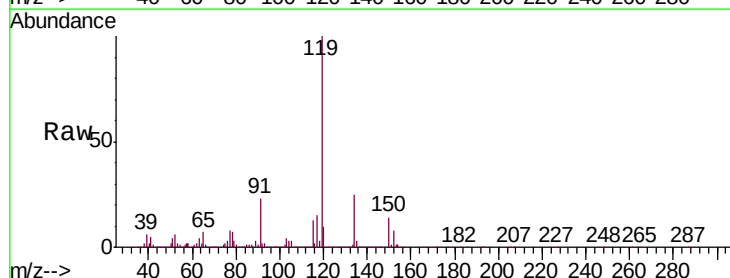
Tgt Ion:119 Resp: 230754

Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.6

91 22.9 0.0 43.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

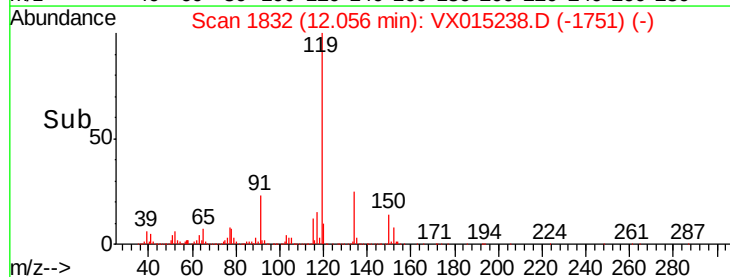
50000

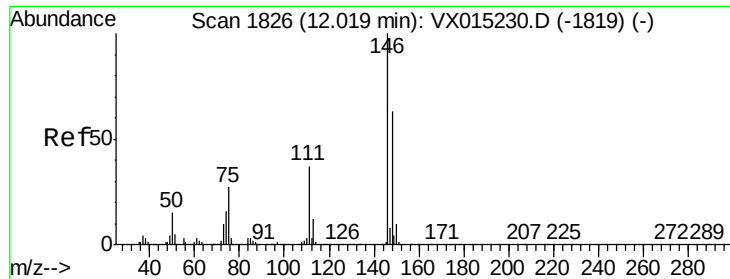
0

12.06

12.00 12.05 12.10

Time-->





#83

1,3-Dichlorobenzene

Concen: 11.718 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

VX0312WBSD01

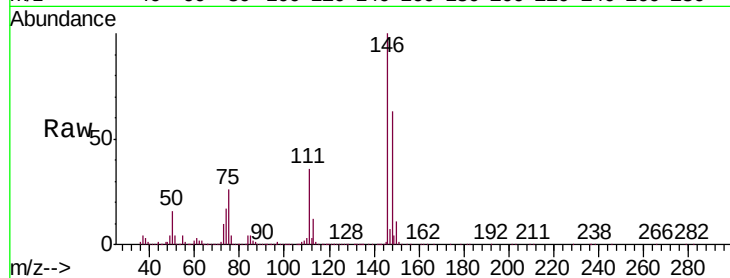
Tgt Ion:146 Resp: 124684

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.4

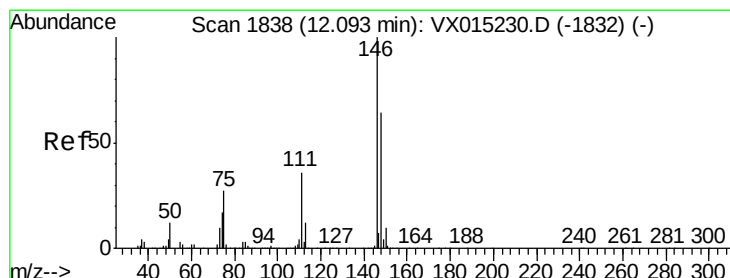
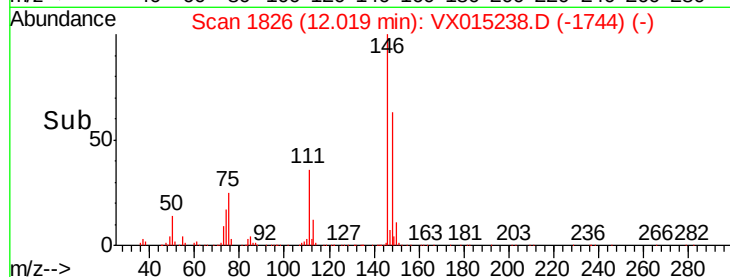
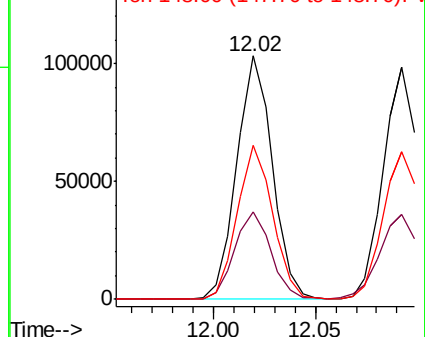
148 63.1 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 11.438 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

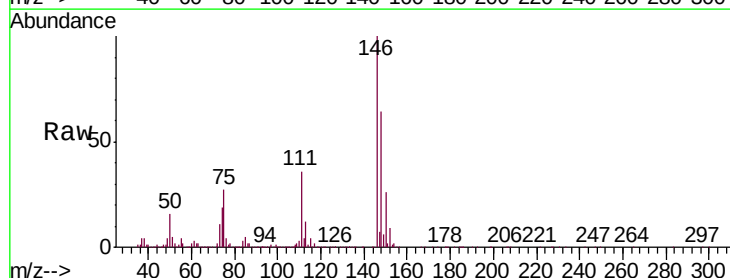
Tgt Ion:146 Resp: 121732

Ion Ratio Lower Upper

146 100

111 39.4 18.4 55.0

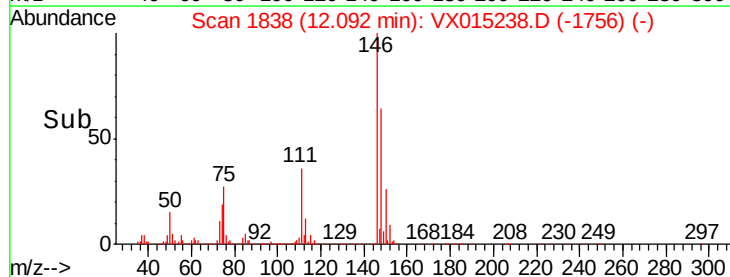
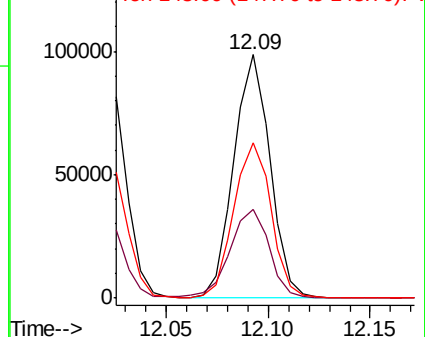
148 65.7 31.9 95.9

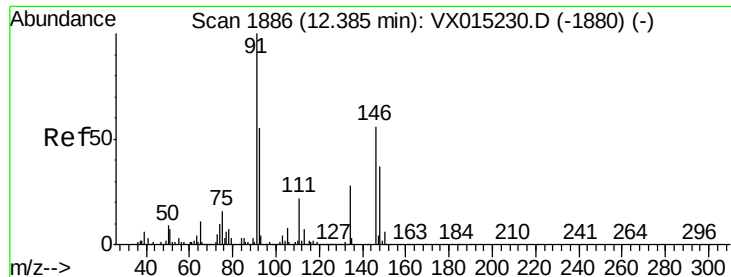


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 11.135 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

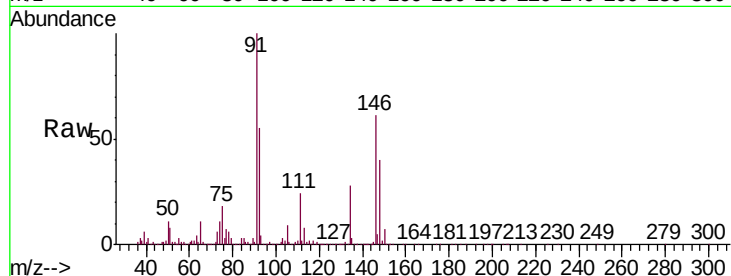
Tgt Ion: 91 Resp: 196806

Ion Ratio Lower Upper

91 100

92 56.5 0.0 109.4

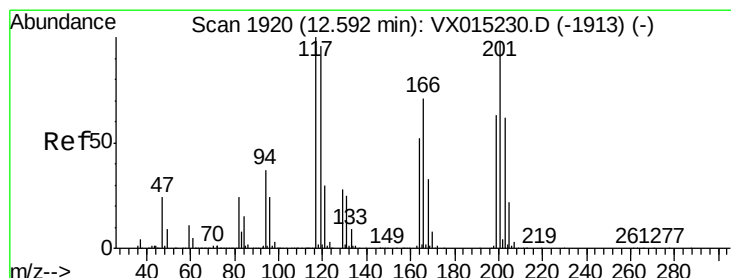
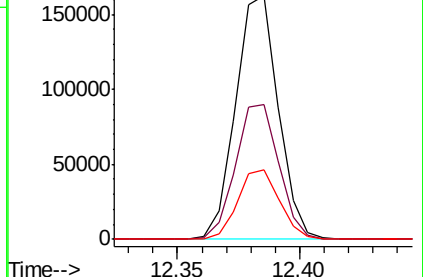
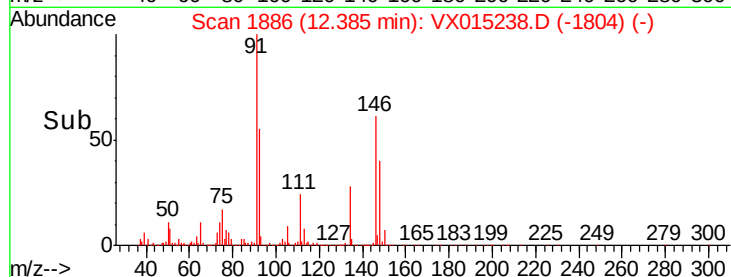
134 28.3 0.0 53.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 11.295 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015238.D

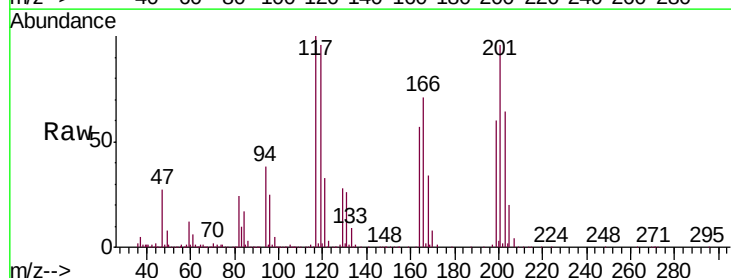
Acq: 12 Mar 2020 17:14

Tgt Ion: 117 Resp: 39877

Ion Ratio Lower Upper

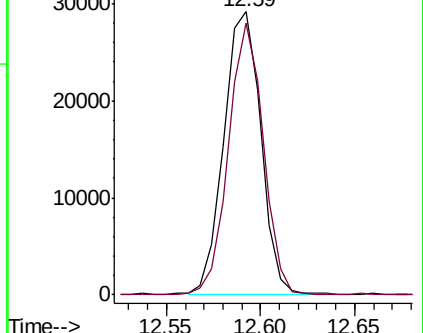
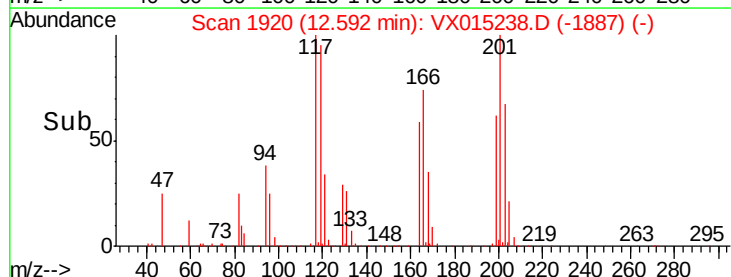
117 100

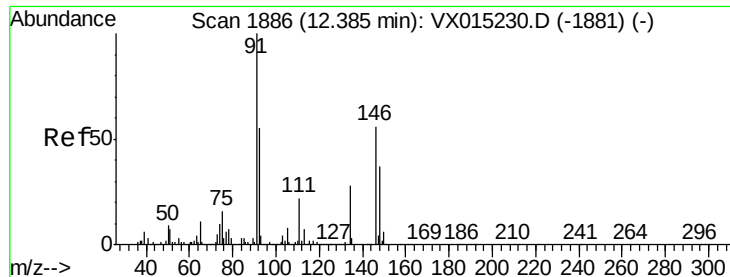
201 89.8 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

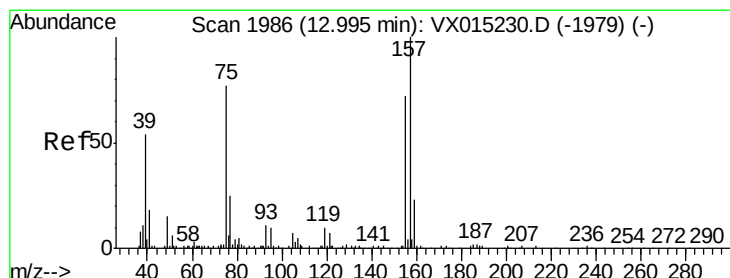
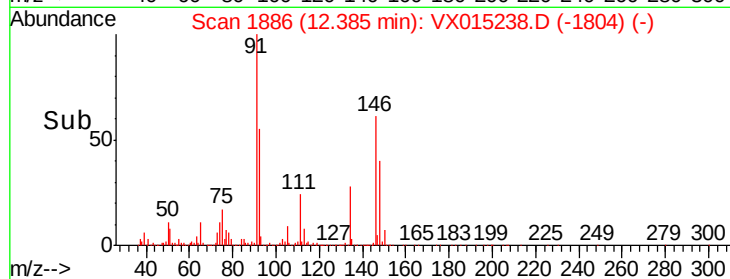
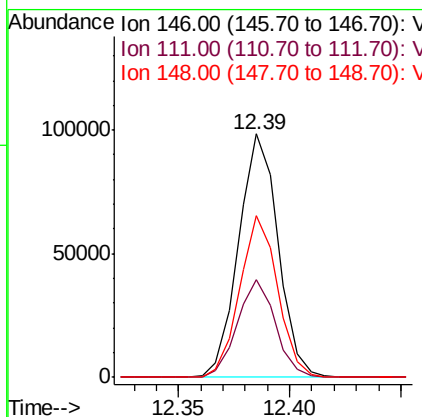
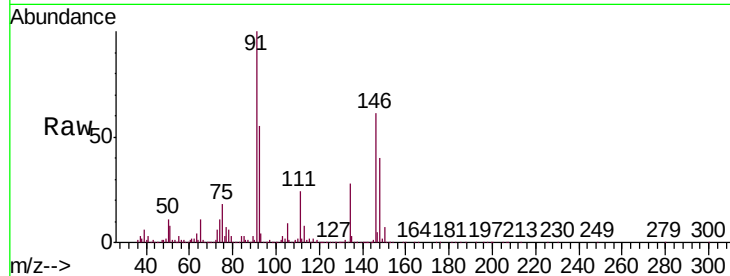




#87
 1,2-Dichlorobenzene
 Concen: 11.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

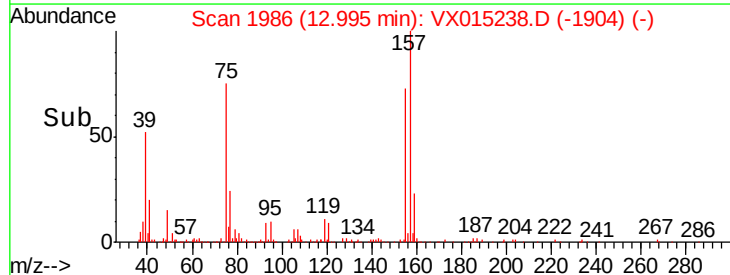
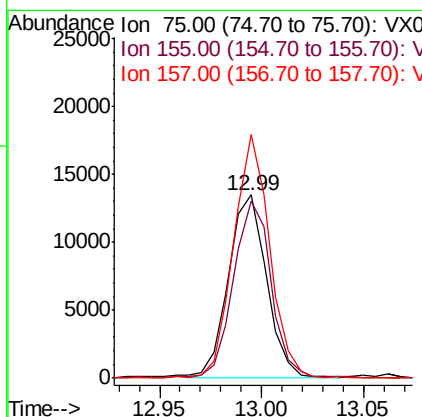
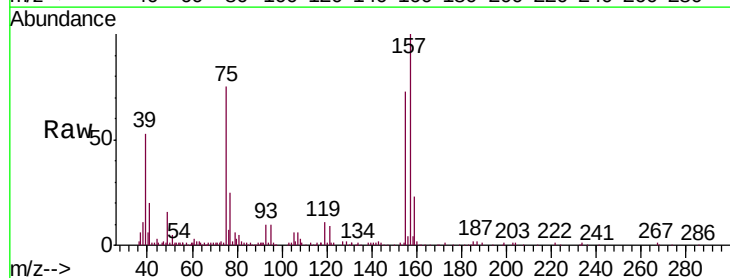
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

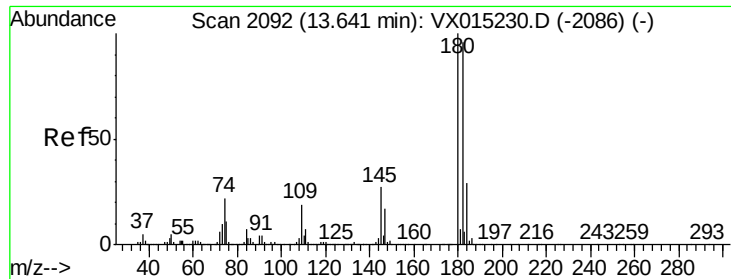
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.4
148	63.6	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 11.827 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	77.5	116.3
157	125.6	103.0	154.4

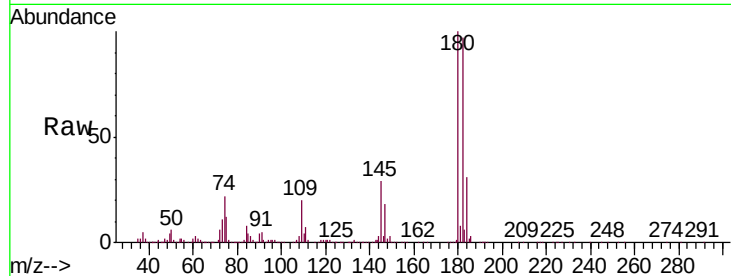




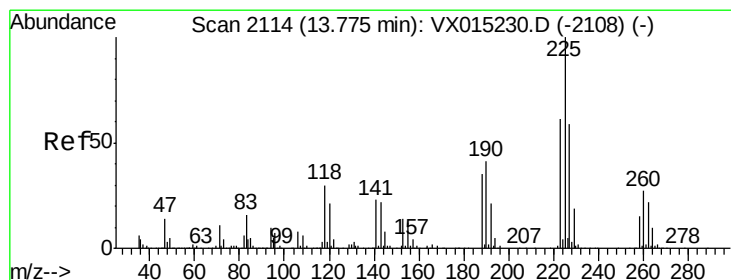
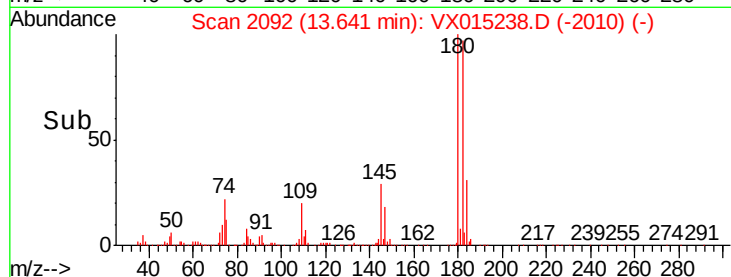
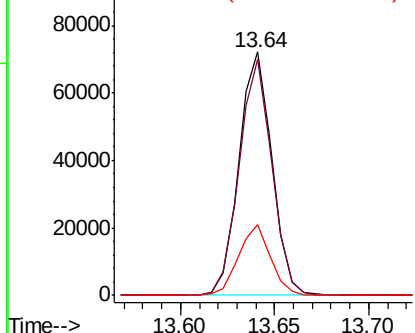
#89
 1,2,4-Trichlorobenzene
 Concen: 11.389 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tgt Ion:180 Resp: 87334
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 115.0
 145 28.2 22.7 34.1

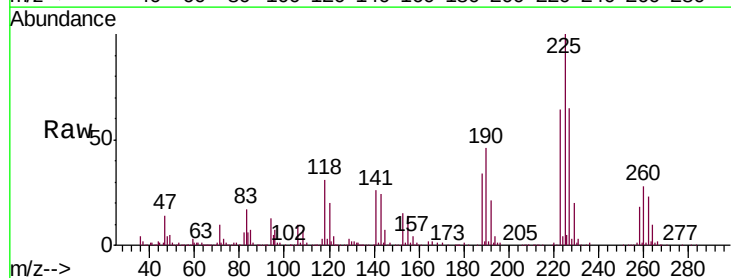


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

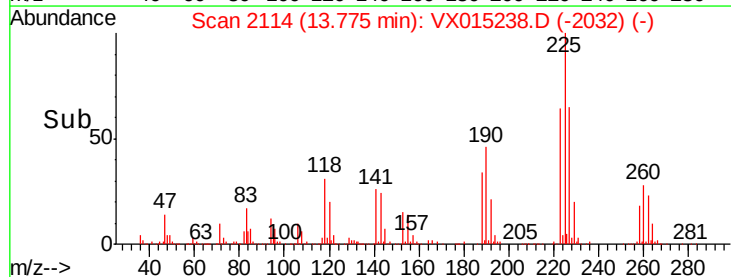
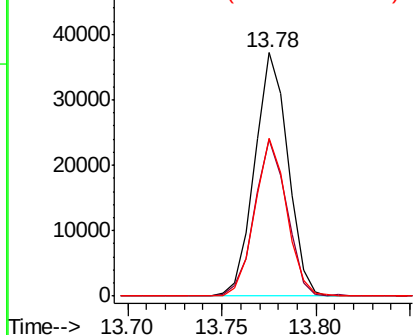


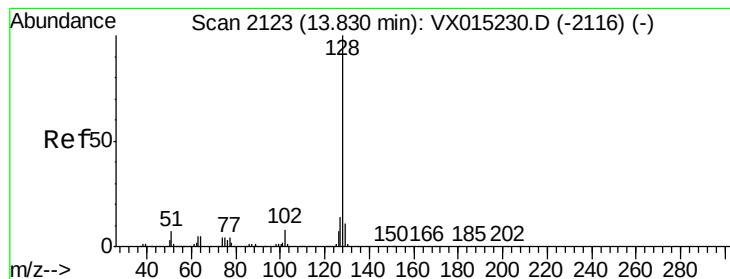
#90
 Hexachlorobutadiene
 Concen: 11.546 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015238.D
 Acq: 12 Mar 2020 17:14

Tgt Ion:225 Resp: 45549
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 125.0
 227 62.0 0.0 126.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 11.465 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

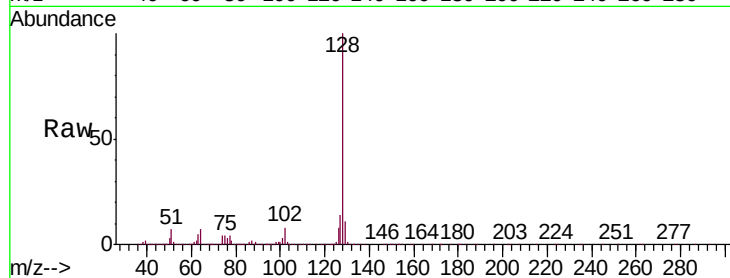
Tgt Ion:128 Resp: 243558

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

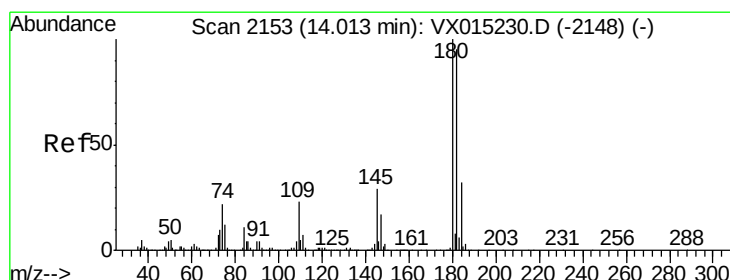
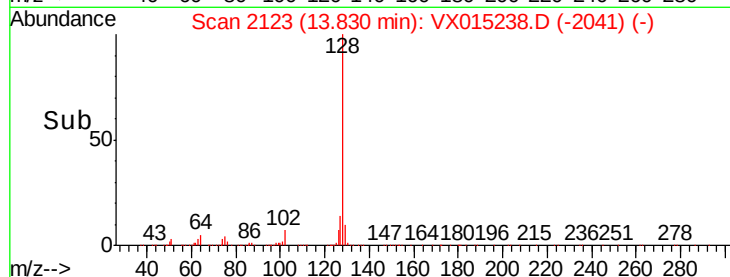
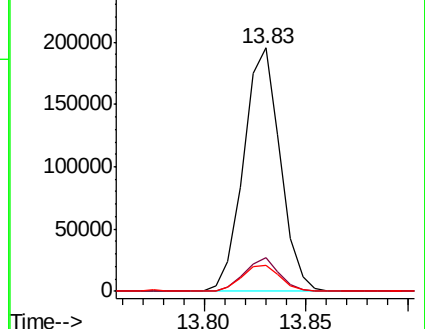
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 11.454 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015238.D

Acq: 12 Mar 2020 17:14

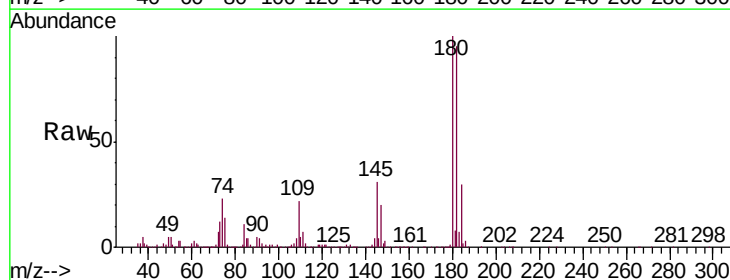
Tgt Ion:180 Resp: 88399

Ion Ratio Lower Upper

180 100

182 95.0 0.0 192.0

145 29.7 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

