

Data File : VX015231.D
Acq On : 12 Mar 2020 12:38
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Quant Time: Mar 12 13:58:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48014	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	264443	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	248659	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	96608	28.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.47%
60) 4-Bromofluorobenzene	11.13	95	116826	30.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.57%
63) Toluene-d8	8.71	98	321001	29.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.67%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	115757	53.989	ug/l	96
3) Chloromethane	1.32	50	163065	58.818	ug/l	100
4) Vinyl Chloride	1.40	62	167267	56.059	ug/l	99
5) Bromomethane	1.64	94	105036	50.269	ug/l	95
6) Chloroethane	1.72	64	103239	51.653	ug/l	99
7) Trichlorofluoromethane	1.92	101	214290	49.347	ug/l	98
8) Diethyl Ether	2.18	74	92401	50.581	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128995	51.379	ug/l	98
10) 1,1-Dichloroethene	2.37	96	131920	52.266	ug/l	98
11) Methyl Iodide	2.50	142	151988	49.558	ug/l	99
12) Methyl Acetate	2.76	43	172988	55.077	ug/l	99
13) Acrolein	2.28	56	124789	199.773	ug/l	99
14) Acrylonitrile	3.13	53	396983	279.872	ug/l	99
15) Acetone	2.44	58	111273	219.204	ug/l	98
16) Carbon Disulfide	2.56	76	382778	56.403	ug/l	100
17) Allyl chloride	2.72	41	256247	58.363	ug/l	97
18) Methylene Chloride	2.85	84	153373	52.740	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	148527	53.575	ug/l	98
20) Diisopropyl ether	3.84	45	508612	56.722	ug/l	97
21) 1,1-Dichloroethane	3.69	63	263114	53.529	ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	166828	52.586	ug/l	97
23) tert-Butyl Alcohol	3.03	59	150999	268.550	ug/l	# 99
24) Methyl tert-Butyl Ether	3.19	73	444299	52.909	ug/l	100
25) Chloroform	5.20	83	254062	51.255	ug/l	98
26) Cyclohexane	5.58	56	250821	57.094	ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	199586	53.360	ug/l	99
30) 2-Butanone	4.66	43	560450	259.592	ug/l	100
31) 2,2-Dichloropropane	4.58	77	208277	50.711	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	216738	51.026	ug/l	100
33) Carbon Tetrachloride	5.78	117	189059	50.845	ug/l	97
34) Benzene	6.14	78	609985	54.045	ug/l	99
35) Methacrylonitrile	5.03	41	121370	55.110	ug/l	97
36) 1,2-Dichloroethane	6.18	62	197988	49.559	ug/l	100
37) Trichloroethene	7.21	130	168424	53.149	ug/l	97
38) Methylcyclohexane	7.46	83	248824	53.669	ug/l	99
39) 1,2-Dichloropropane	7.51	63	157669	54.272	ug/l	93
40) Dibromomethane	7.65	93	100387	51.748	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Quant Time: Mar 12 13:58:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	200440	52.306	ug/l	98
42) Vinyl Acetate	3.80	43	2148784	282.767	ug/l	100
43) Ethyl Acetate	4.82	43	214836	54.996	ug/l	99
44) Isopropyl Acetate	6.43	43	350180	53.325	ug/l	98
45) 1,4-Dioxane	7.73	88	69203	1140.468	ug/l	98
46) Methyl methacrylate	7.76	41	176304	54.268	ug/l	98
47) n-amyl Acetate	10.89	43	316316	55.601	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	226824	53.351	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	255691	54.627	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	151202	52.316	ug/l	96
51) Ethyl methacrylate	9.17	69	240854	53.994	ug/l	98
52) 1,3-Dichloropropane	9.37	76	258048	52.779	ug/l	100
53) Dibromochloromethane	9.58	129	163519	52.330	ug/l	96
54) 1,2-Dibromoethane	9.67	107	158818	51.757	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	615309	258.949	ug/l	99
56) Bromoform	10.85	173	125795	51.355	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1077889	264.499	ug/l	100
59) 2-Hexanone	9.48	43	814057	255.663	ug/l	99
61) Tetrachloroethene	9.33	164	171855	51.457	ug/l	99
62) Toluene	8.78	91	652097	51.199	ug/l	100
64) Chlorobenzene	10.14	112	410494	50.494	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	149830	49.756	ug/l	98
66) Ethyl Benzene	10.24	91	726802	51.802	ug/l	100
67) m/p-Xylenes	10.35	106	556278	102.821	ug/l	98
68) o-Xylene	10.70	106	264580	50.543	ug/l	99
69) Styrene	10.71	104	468631	52.417	ug/l	99
70) Isopropylbenzene	11.01	105	707253	50.863	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	221200	49.408	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	262961	70.810	ug/l	84
73) Bromobenzene	11.25	156	187706	49.959	ug/l	99
74) n-propylbenzene	11.35	91	834763	52.747	ug/l	99
75) 2-Chlorotoluene	11.42	91	478963	51.213	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	591723	50.777	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	79022	52.770	ug/l	94
78) 4-Chlorotoluene	11.51	91	552409	51.064	ug/l	99
79) tert-butylbenzene	11.76	119	566533	50.320	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	594414	51.307	ug/l	100
81) sec-Butylbenzene	11.94	105	705690	52.340	ug/l	100
82) p-Isopropyltoluene	12.06	119	651589	52.019	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	334709	50.819	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	338814	51.084	ug/l	100
85) n-Butylbenzene	12.38	91	580639	53.269	ug/l	99
86) Hexachloroethane	12.59	117	112675	49.766	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	332028	50.660	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	48371	49.609	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	247619	52.538	ug/l	99
90) Hexachlorobutadiene	13.77	225	122180	52.198	ug/l	98
91) Naphthalene	13.83	128	714071	53.514	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	252727	54.009	ug/l	98

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

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Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

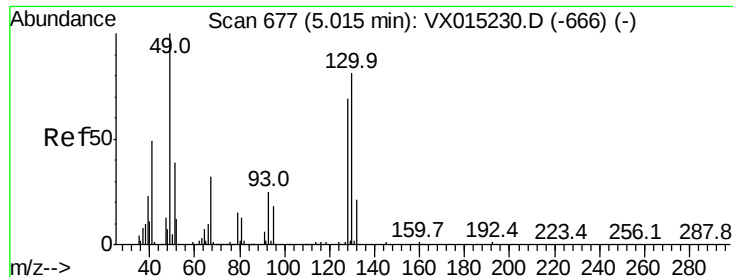
Quant Time: Mar 12 13:58:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

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

Quant Time: Mar 12 13:58:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

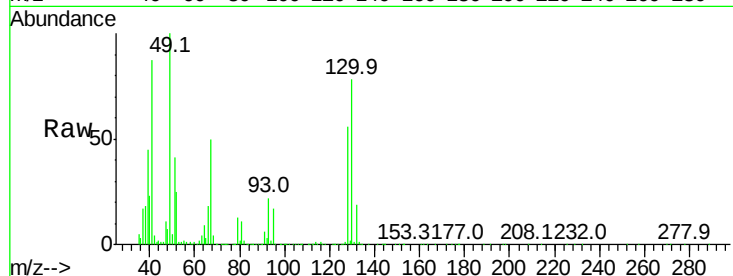
Tgt Ion:128 Resp: 48014

Ion Ratio Lower Upper

128 100

49 163.2 0.0 406.8

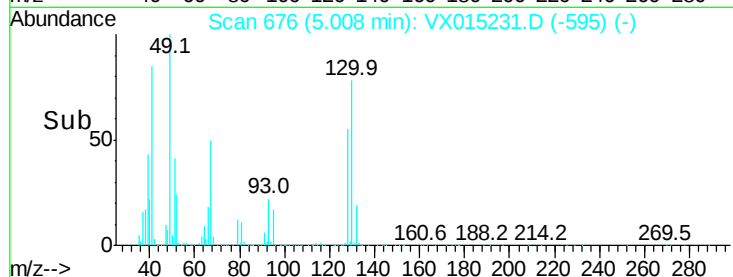
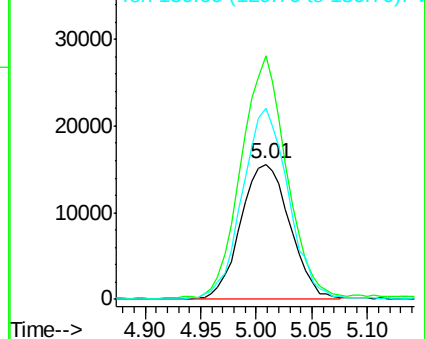
130 132.5 0.0 319.3



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: 53.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015231.D

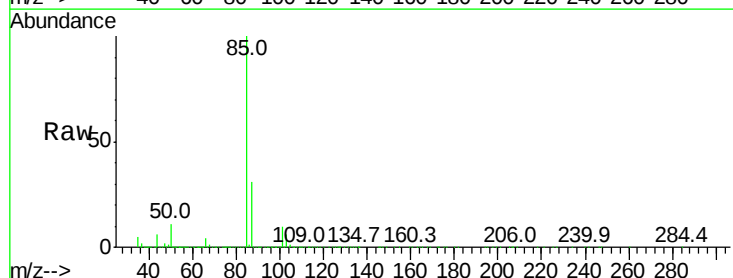
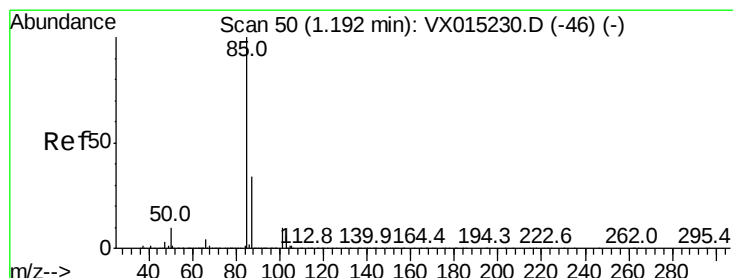
Acq: 12 Mar 2020 12:38

Tgt Ion: 85 Resp: 115757

Ion Ratio Lower Upper

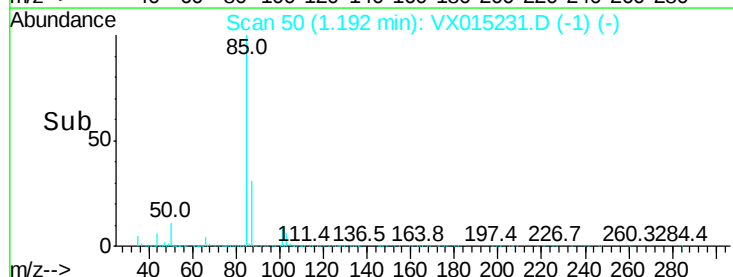
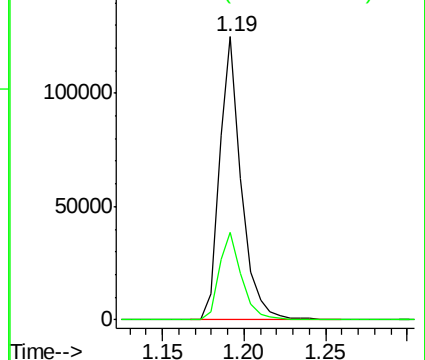
85 100

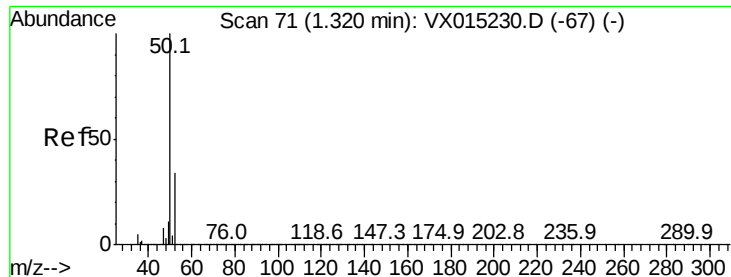
87 31.1 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

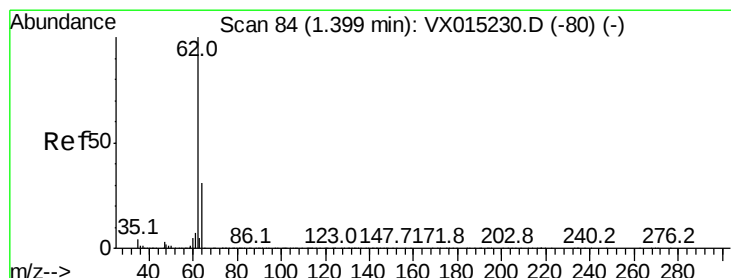
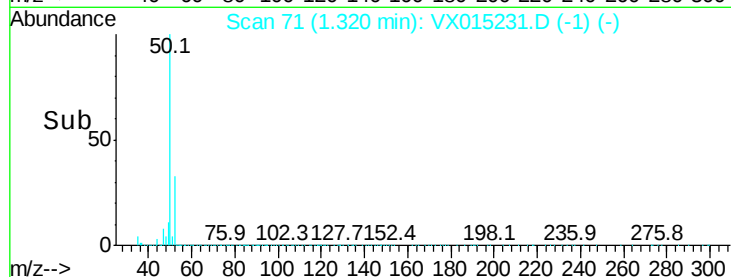
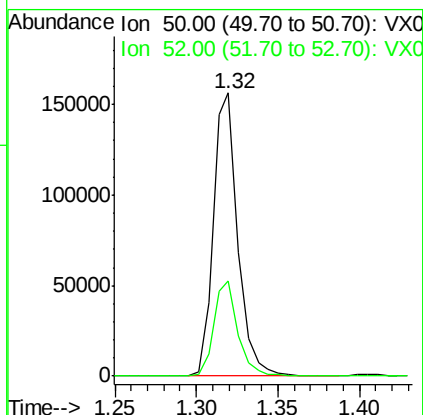
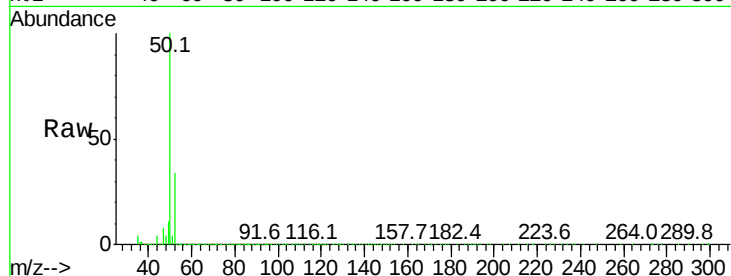




#3
Chloromethane
Concen: 58.818 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

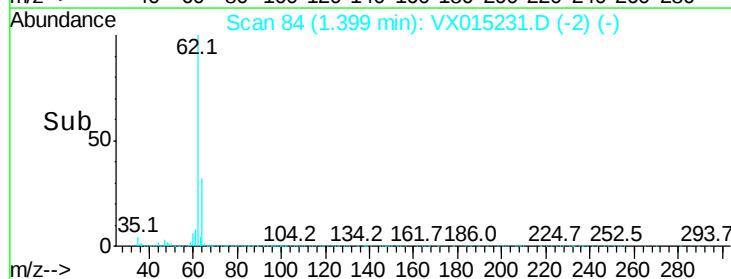
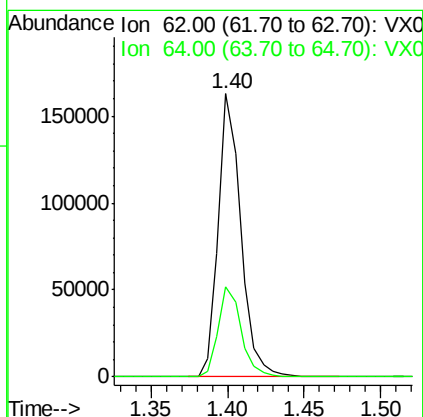
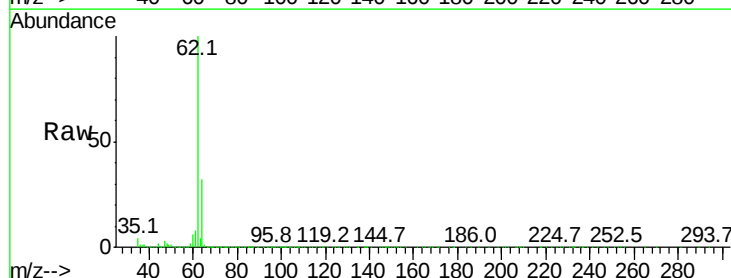
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

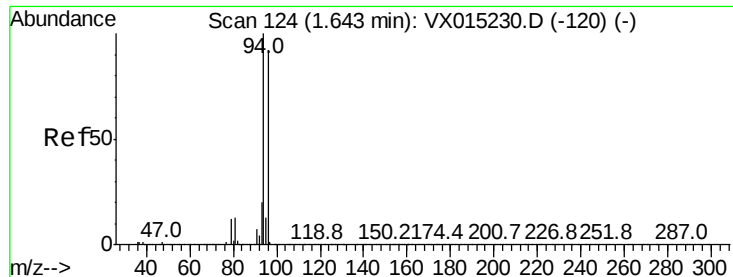
Tgt Ion: 50 Resp: 163065
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3



#4
Vinyl Chloride
Concen: 56.059 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 62 Resp: 167267
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5

Bromomethane

Concen: 50.269 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

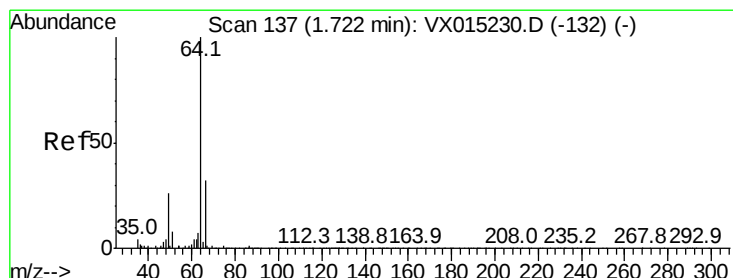
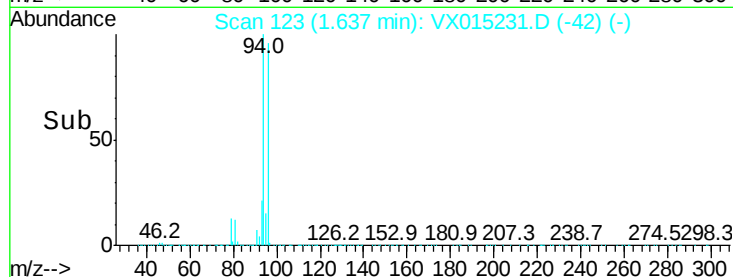
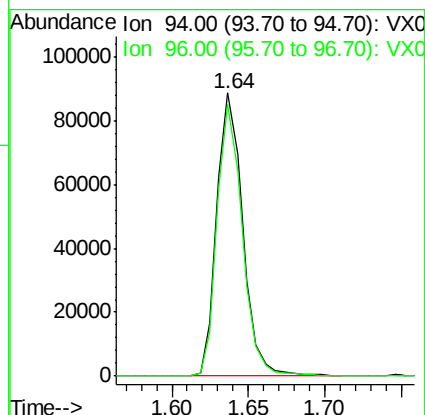
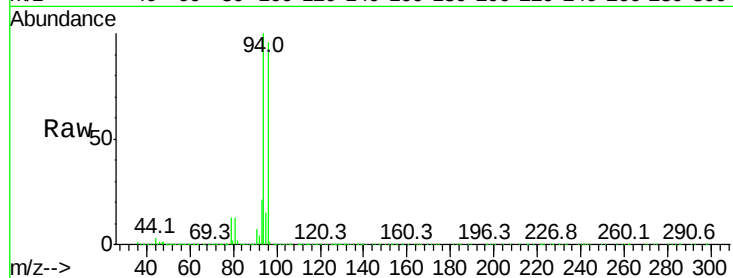
VSTDIC050

Tgt Ion: 94 Resp: 105036

Ion Ratio Lower Upper

94 100

96 95.8 73.0 109.4



#6

Chloroethane

Concen: 51.653 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015231.D

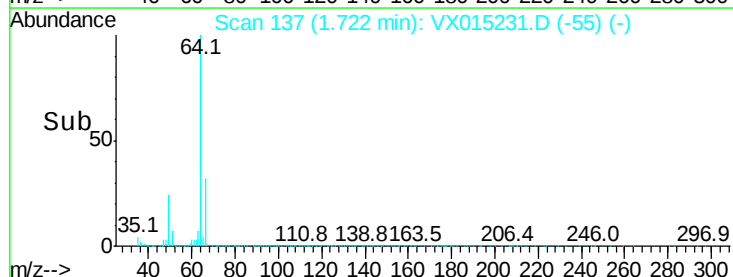
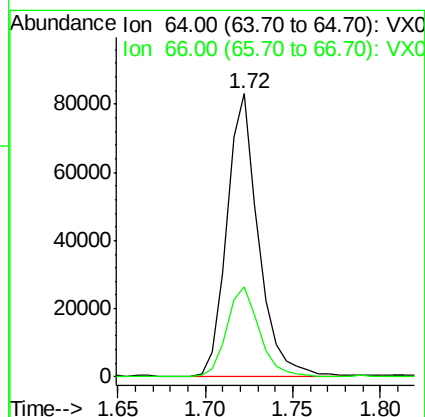
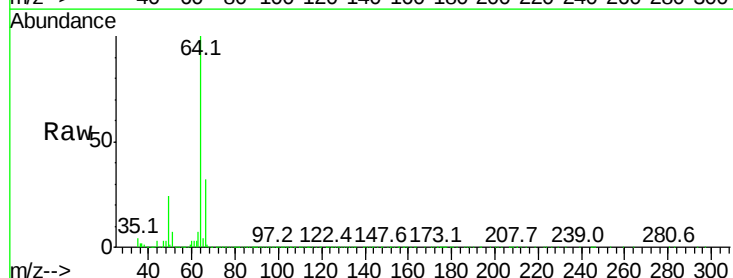
Acq: 12 Mar 2020 12:38

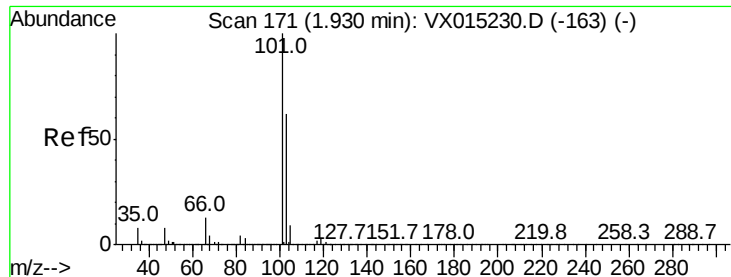
Tgt Ion: 64 Resp: 103239

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



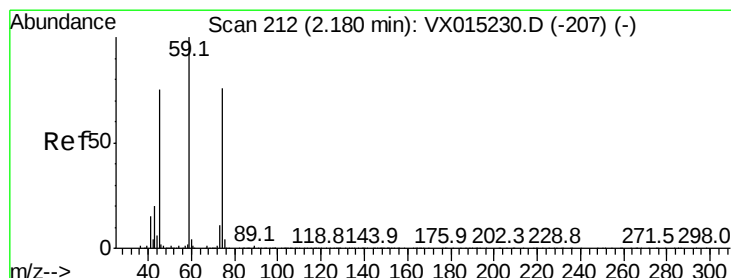
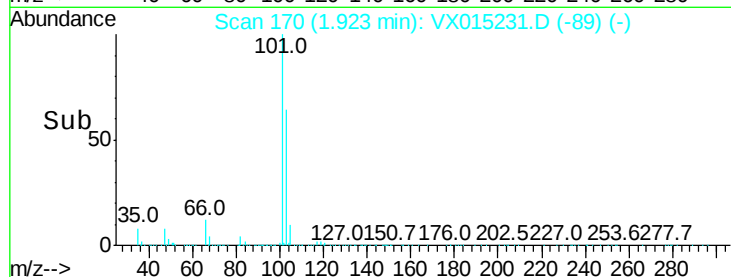
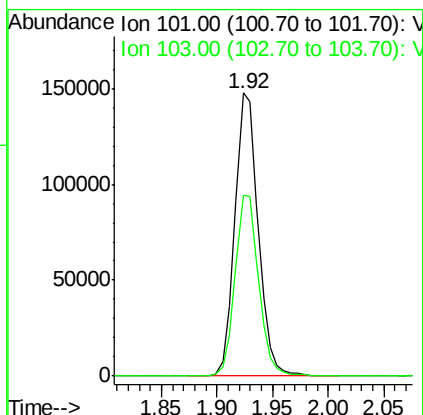
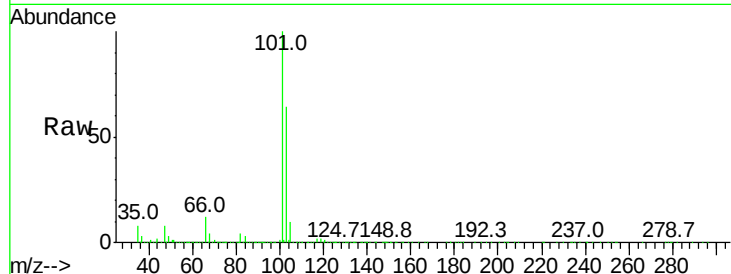


#7

Trichlorofluoromethane
Concen: 49.347 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

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VSTDIC050

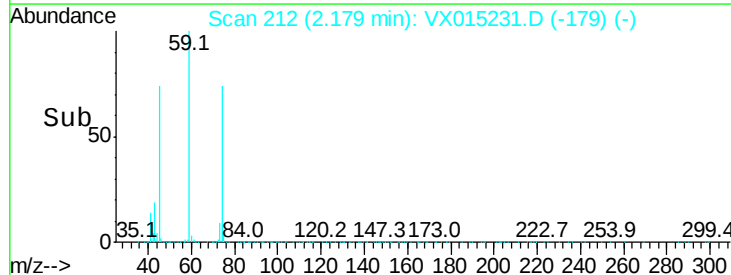
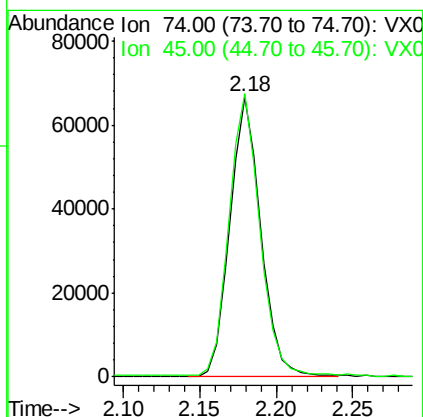
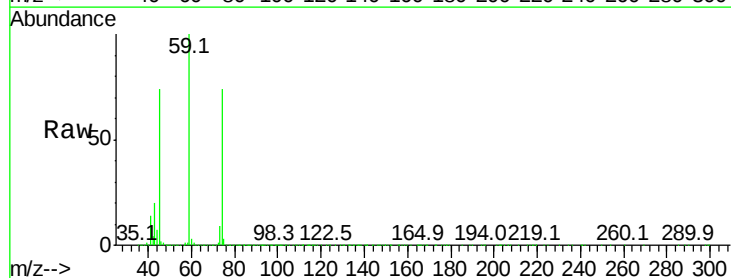
Tgt Ion: 101 Resp: 214290
Ion Ratio Lower Upper
101 100
103 63.8 49.9 74.9

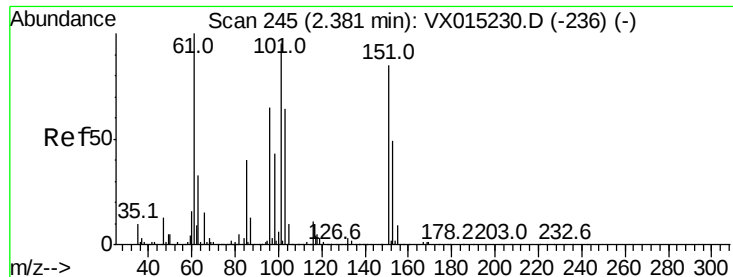


#8

Diethyl Ether
Concen: 50.581 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 74 Resp: 92401
Ion Ratio Lower Upper
74 100
45 101.0 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.379 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

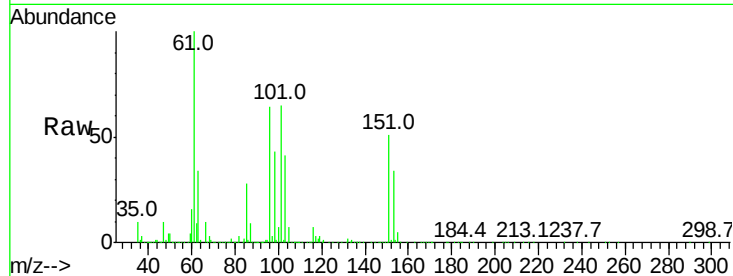
Tgt Ion:101 Resp: 128995

Ion Ratio Lower Upper

101 100

85 42.4 0.0 82.0

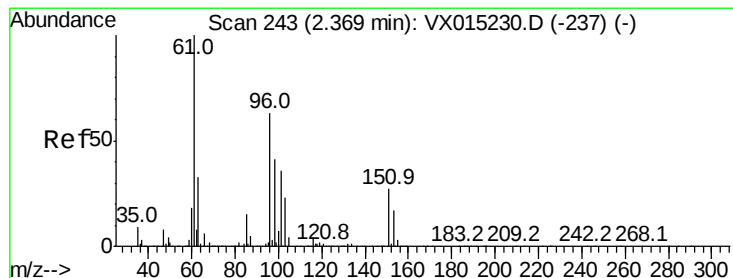
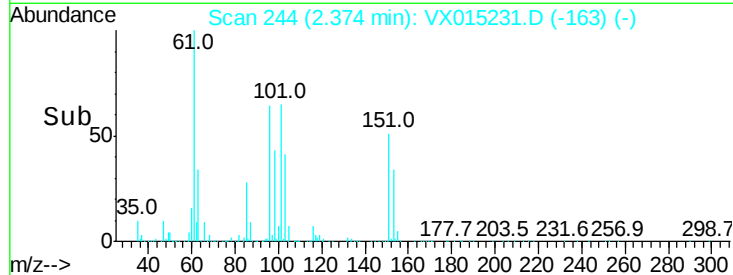
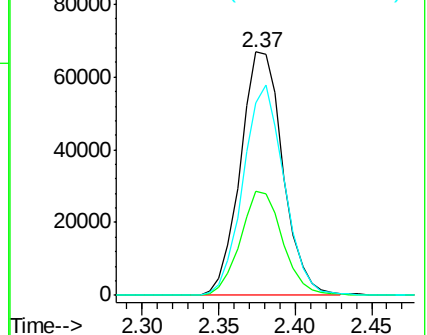
151 83.8 0.0 165.0



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: 52.266 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

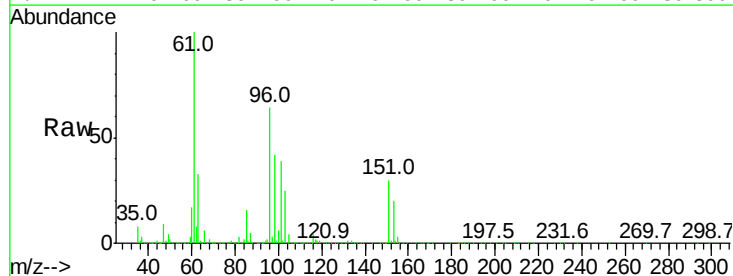
Tgt Ion: 96 Resp: 131920

Ion Ratio Lower Upper

96 100

61 155.3 126.2 189.2

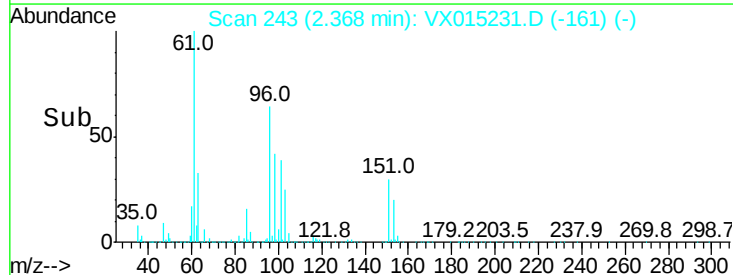
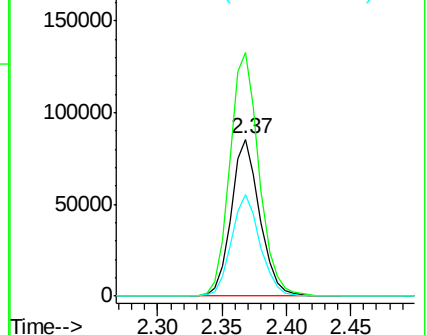
98 64.5 52.1 78.1

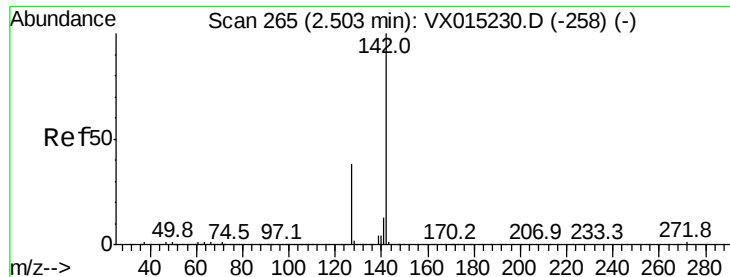


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

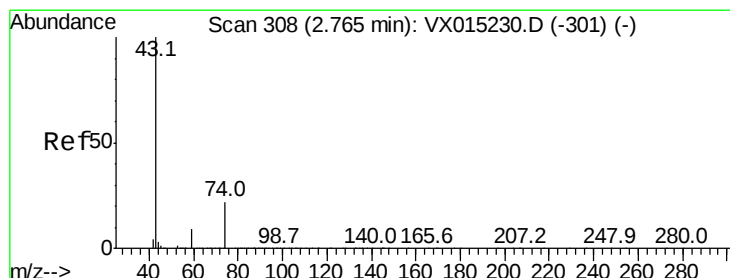
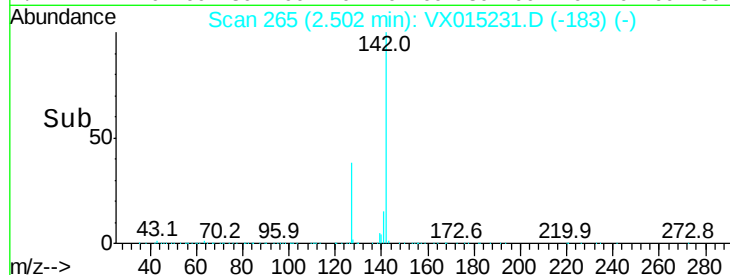
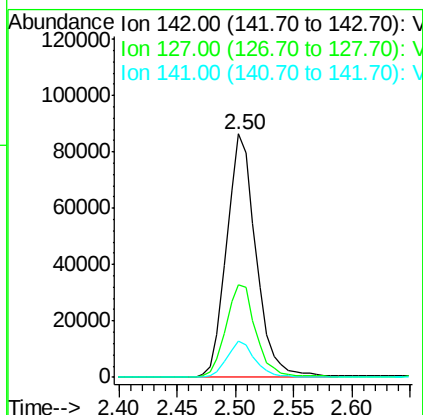
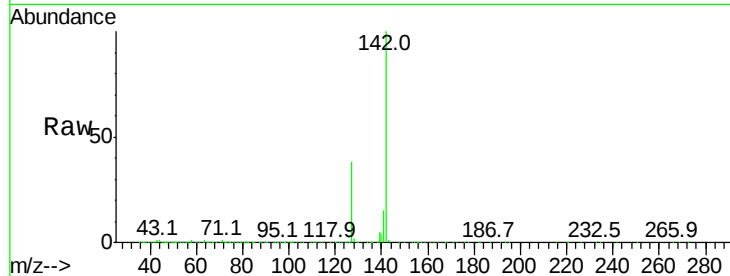




#11
Methyl Iodide
Concen: 49.558 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

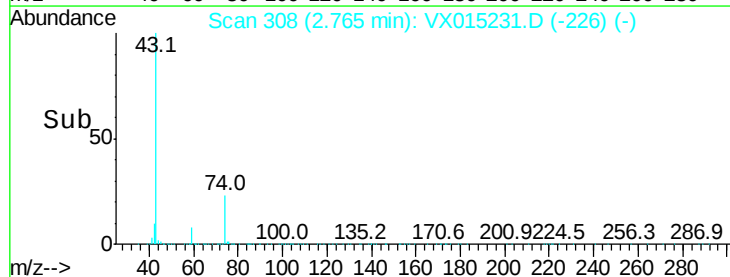
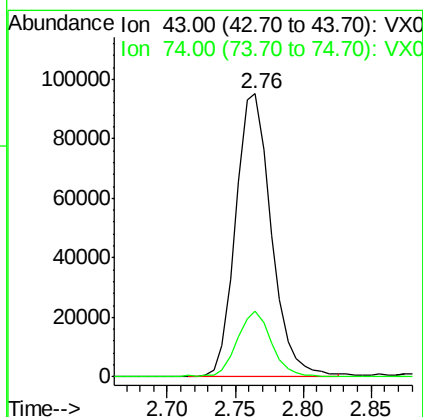
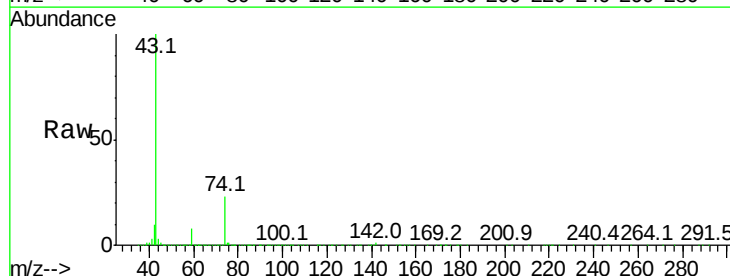
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

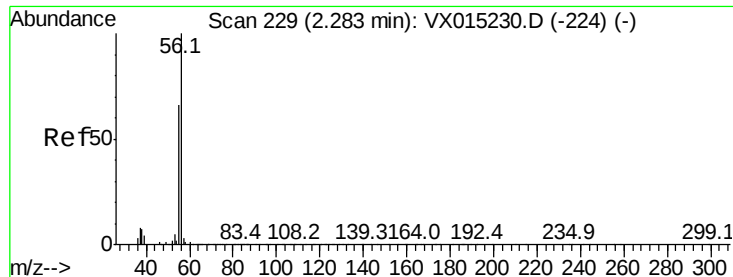
Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.8	18.9	56.9
141	14.8	6.6	19.7



#12
Methyl Acetate
Concen: 55.077 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.0	27.0





#13

Acrolein

Concen: 199.773 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

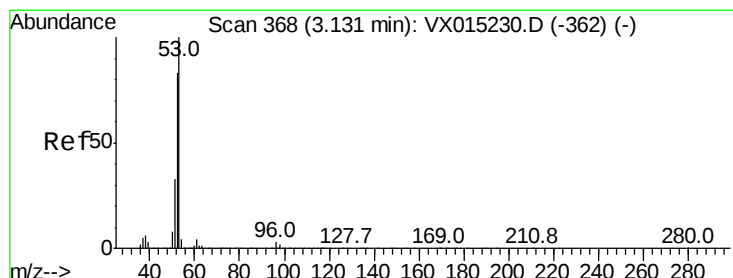
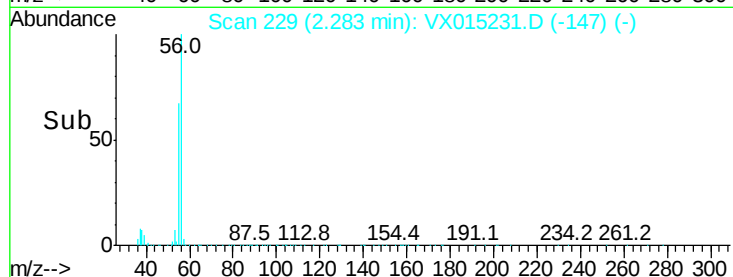
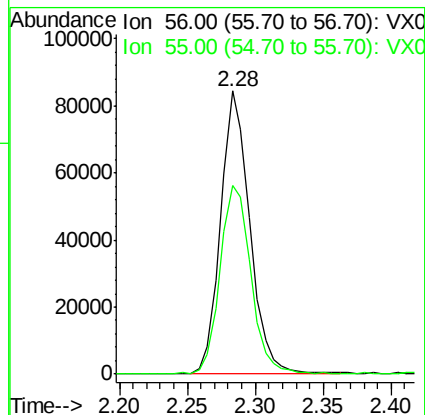
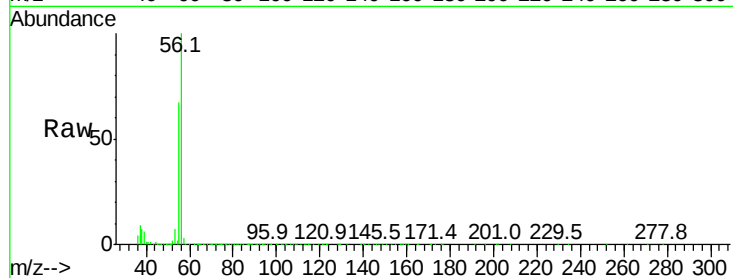
VSTDIC050

Tgt Ion: 56 Resp: 124789

Ion Ratio Lower Upper

56 100

55 69.6 55.1 82.7



#14

Acrylonitrile

Concen: 279.872 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

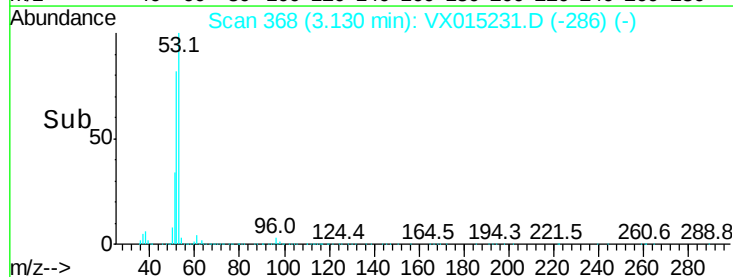
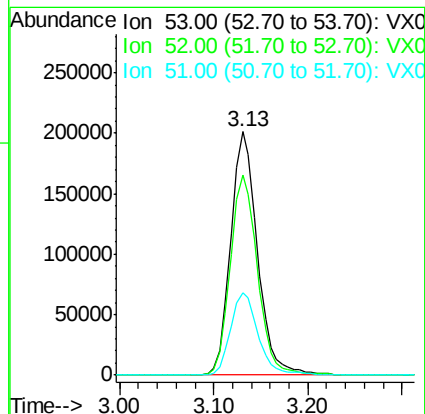
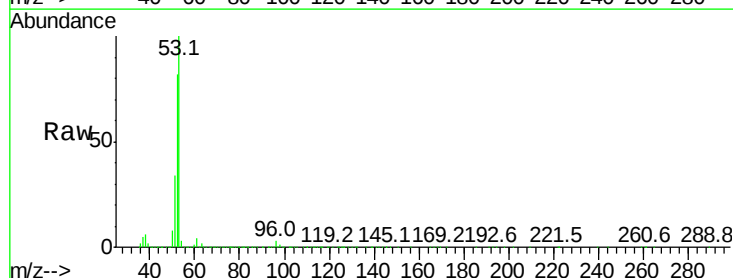
Tgt Ion: 53 Resp: 396983

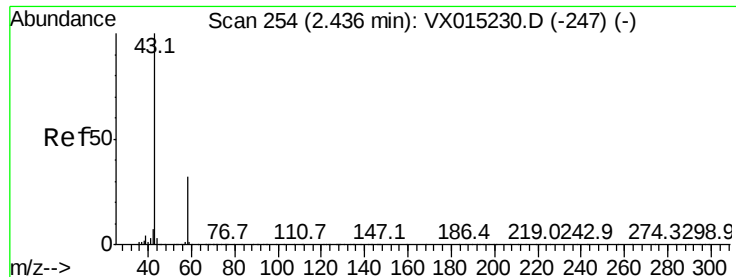
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.5

51 34.8 17.7 53.1





#15

Acetone

Concen: 219.204 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

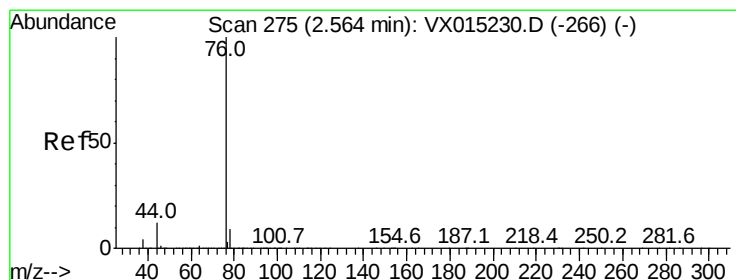
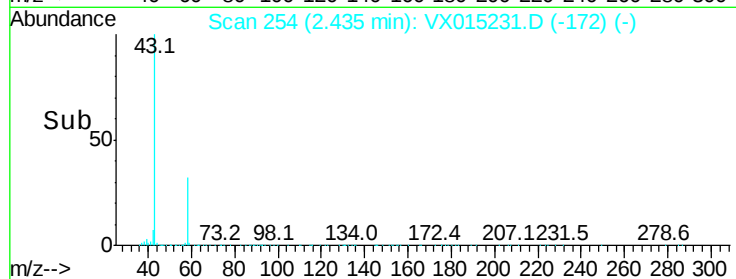
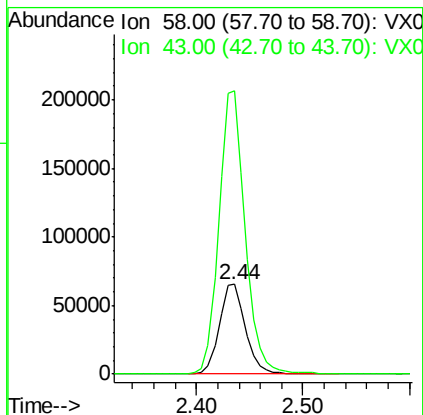
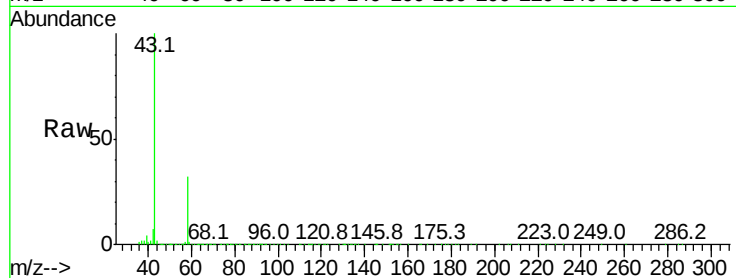
VSTDIC050

Tgt Ion: 58 Resp: 111273

Ion Ratio Lower Upper

58 100

43 315.4 248.7 373.1



#16

Carbon Disulfide

Concen: 56.403 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015231.D

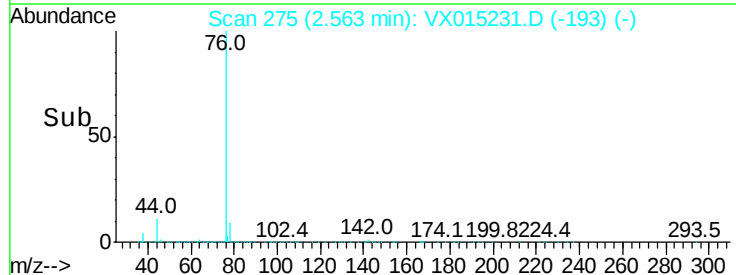
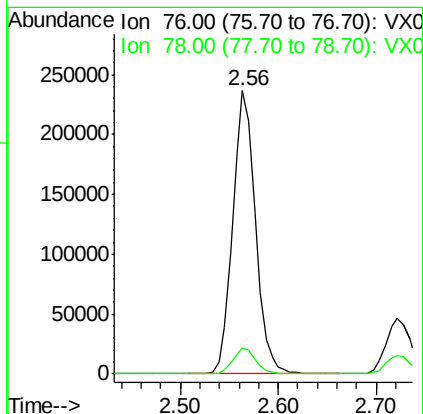
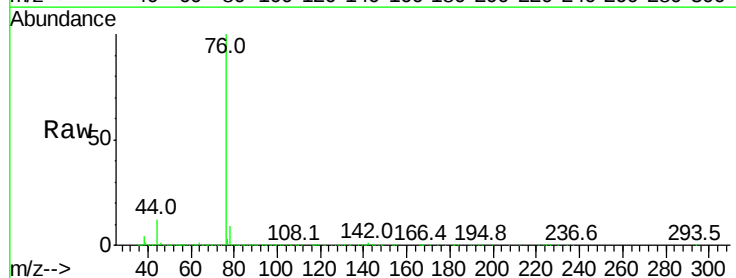
Acq: 12 Mar 2020 12:38

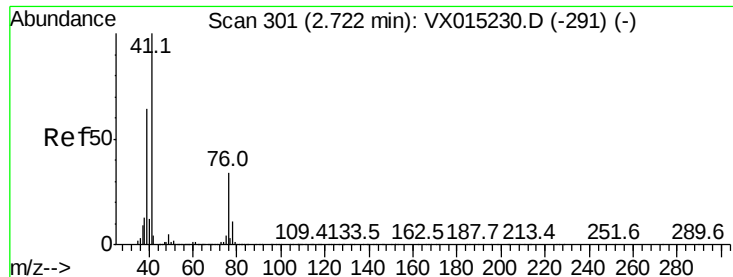
Tgt Ion: 76 Resp: 382778

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

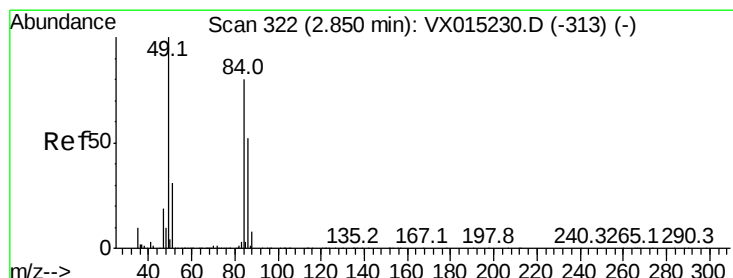
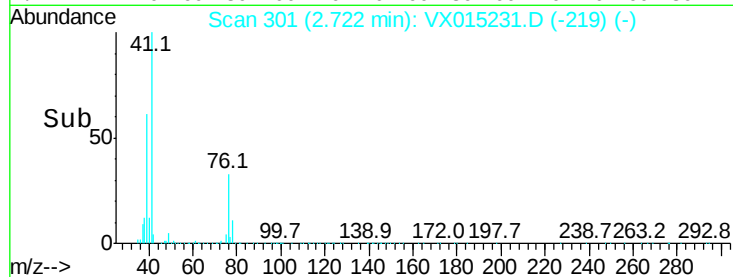
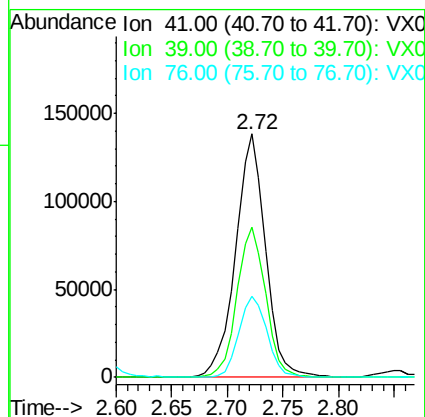
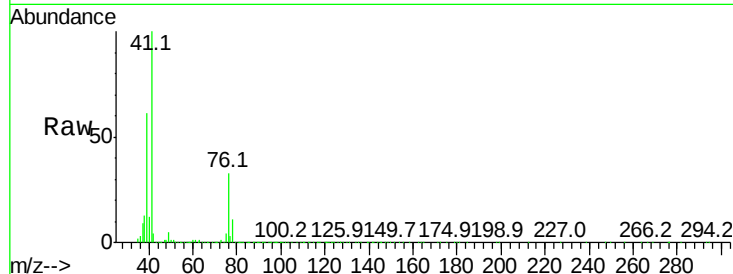




#17
 Allyl chloride
 Concen: 58.363 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

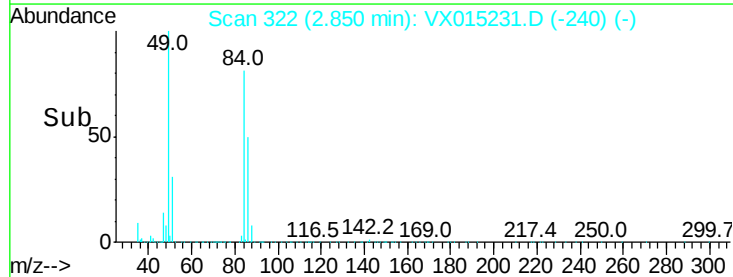
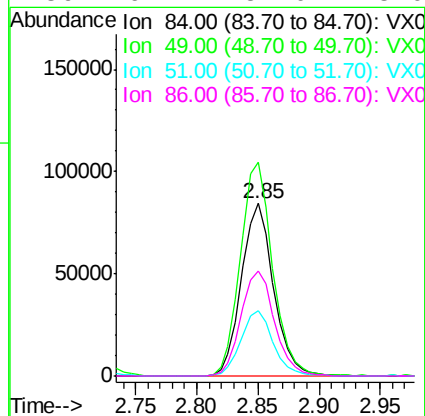
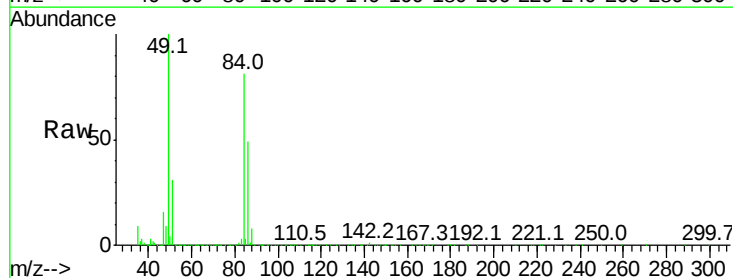
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

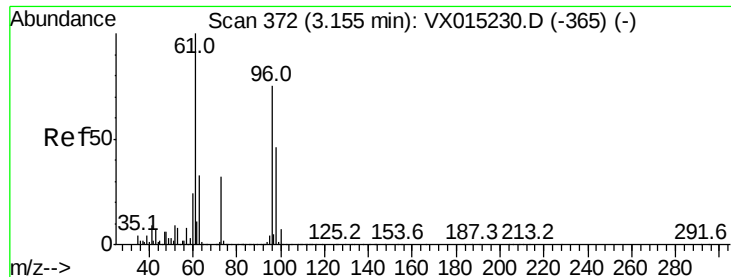
Tgt Ion:	41	Resp:	256247
Ion	Ratio	Lower	Upper
41	100		
39	61.3	32.1	96.5
76	33.2	17.2	51.5



#18
 Methylene Chloride
 Concen: 52.740 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion:	84	Resp:	153373
Ion	Ratio	Lower	Upper
84	100		
49	124.0	99.5	149.3
51	38.1	31.0	46.6
86	61.1	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 53.575 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

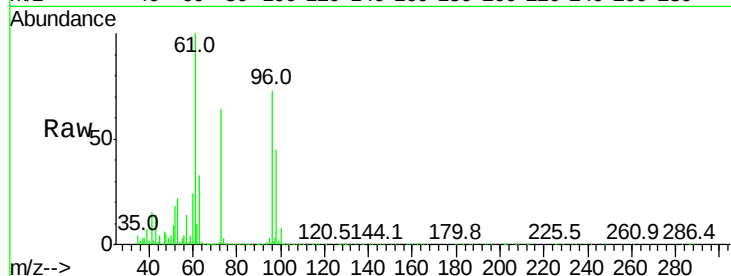
Tgt Ion: 96 Resp: 148527

Ion Ratio Lower Upper

96 100

61 136.3 106.3 159.5

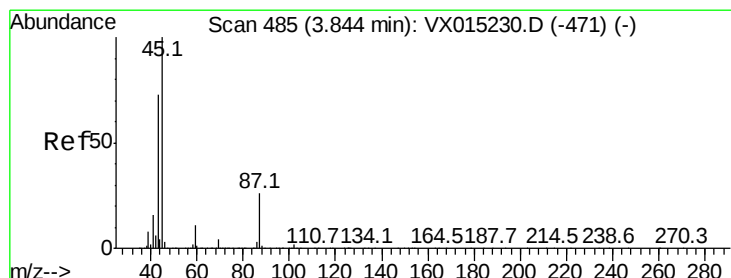
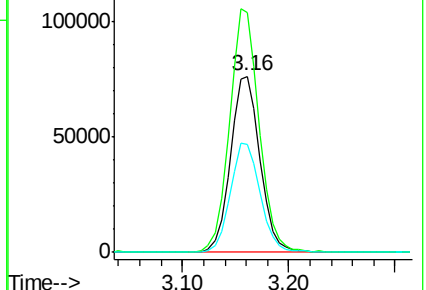
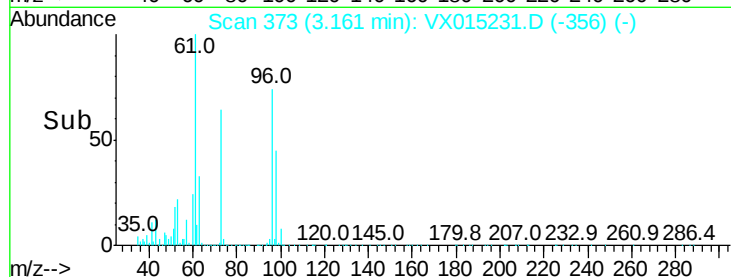
98 61.2 49.1 73.7



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 56.722 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion: 45 Resp: 508612

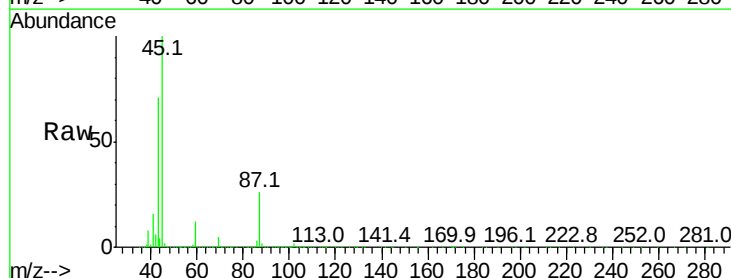
Ion Ratio Lower Upper

45 100

43 70.6 58.6 87.8

87 25.9 21.0 31.4

59 12.0 8.5 12.7

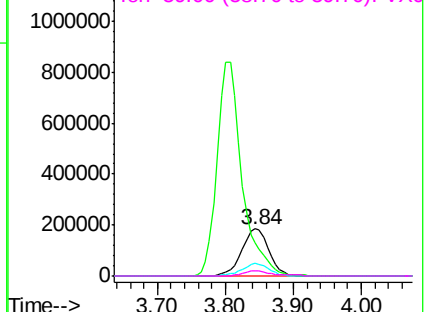
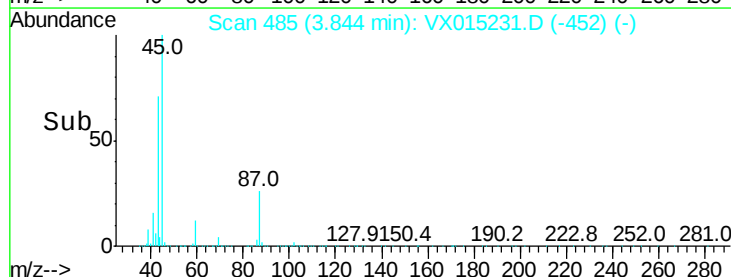


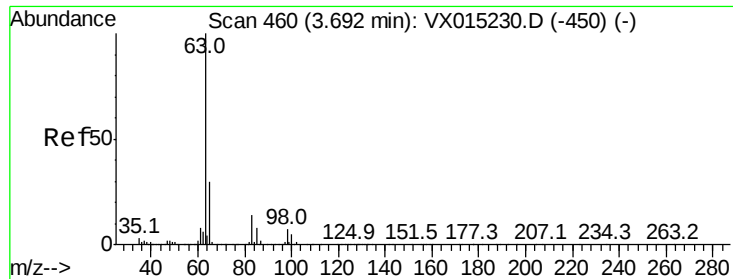
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 53.529 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

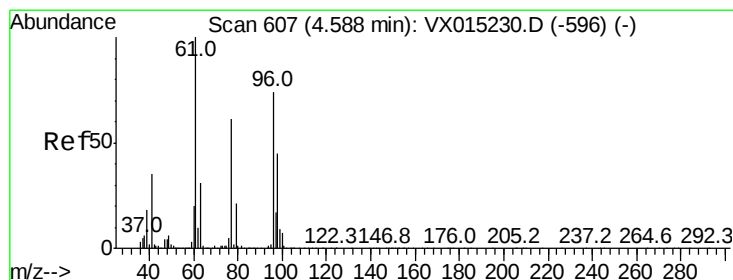
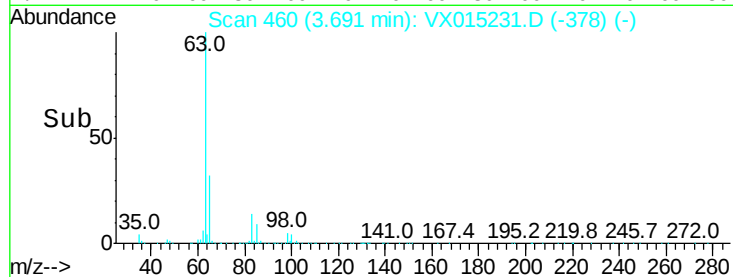
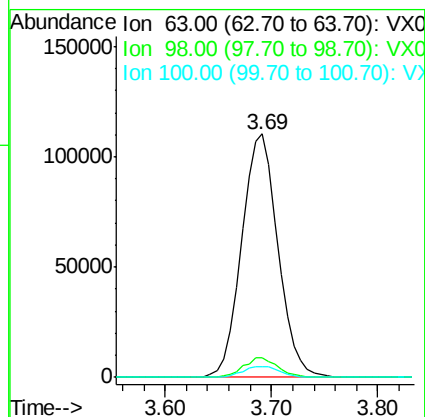
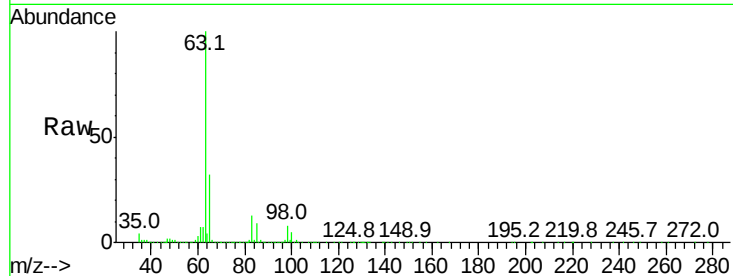
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:	63	Resp:	263114
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.6
100	4.5	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 52.586 ug/l

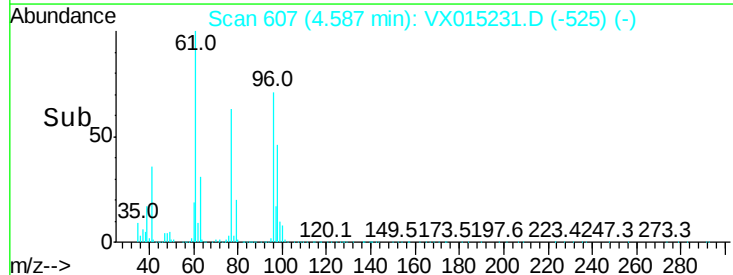
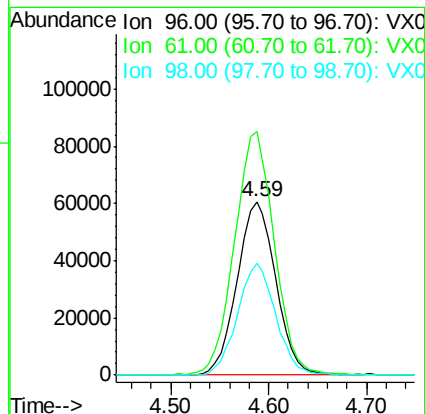
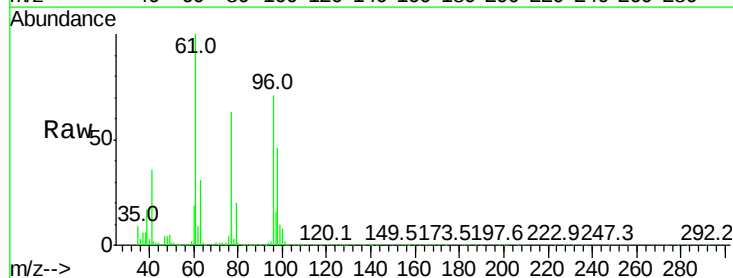
RT: 4.59 min Scan# 607

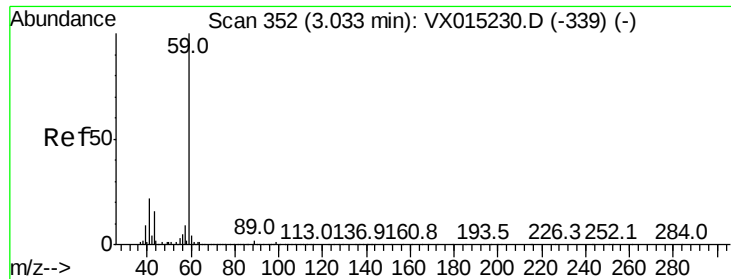
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	96	Resp:	166828
Ion	Ratio	Lower	Upper
96	100		
61	143.8	111.4	167.0
98	63.7	50.1	75.1

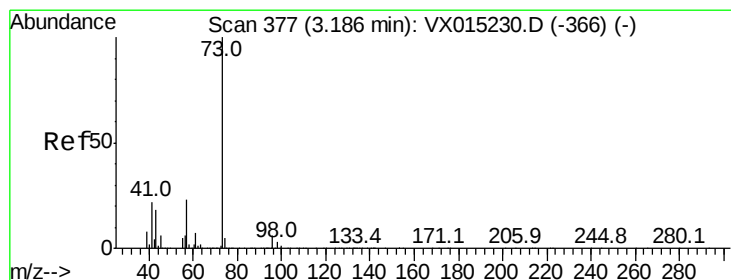
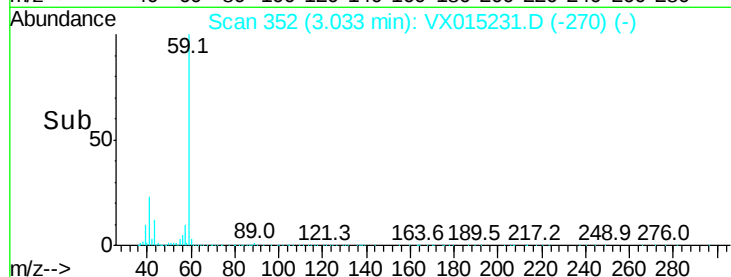
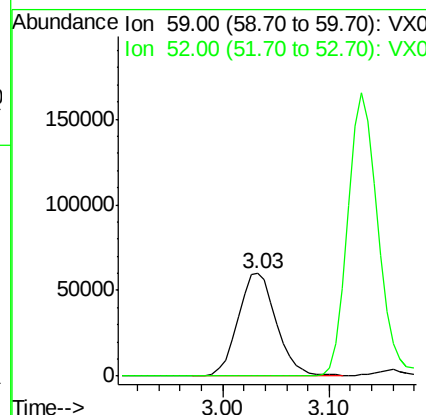
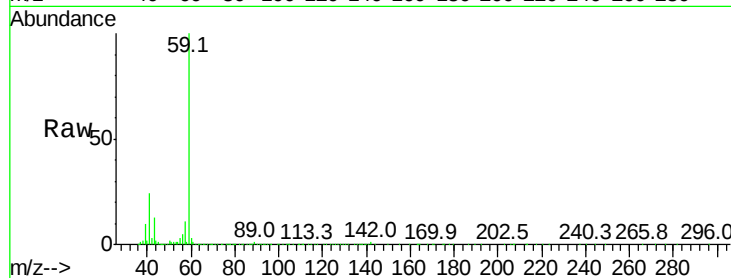




#23
 tert-Butyl Alcohol
 Concen: 268.550 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

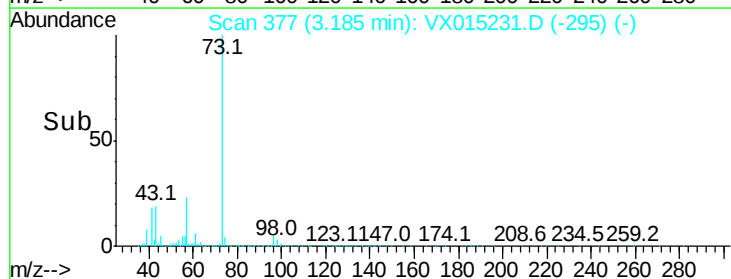
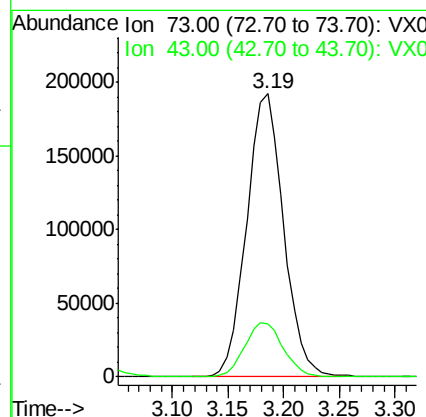
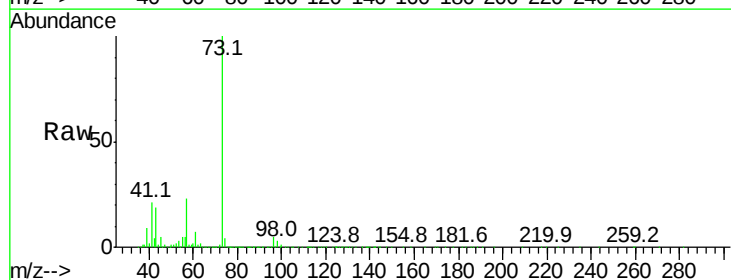
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

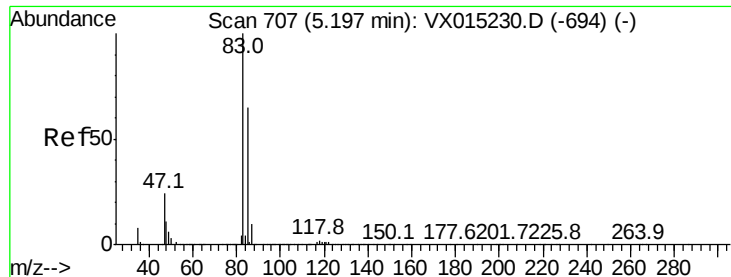
Tgt Ion: 59 Resp: 150999
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#



#24
 Methyl tert-Butyl Ether
 Concen: 52.909 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion: 73 Resp: 444299
 Ion Ratio Lower Upper
 73 100
 43 19.9 15.9 23.9

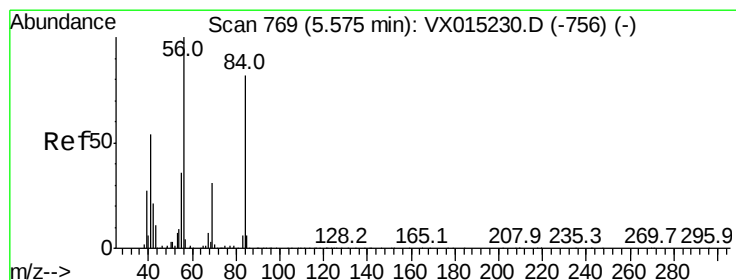
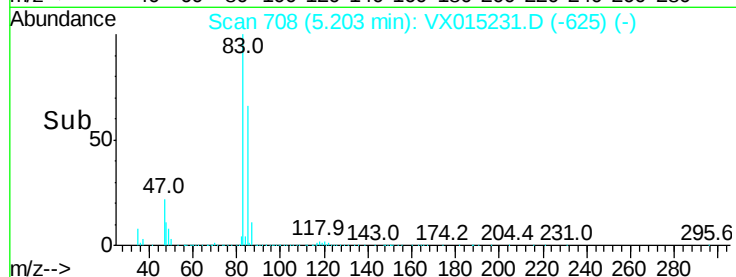
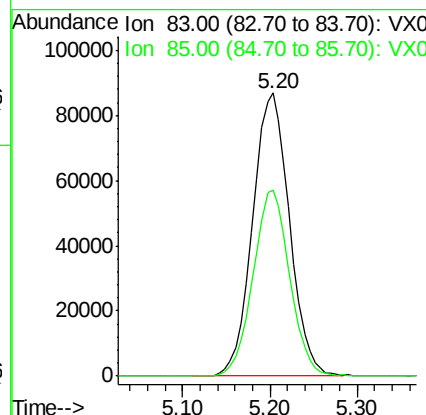
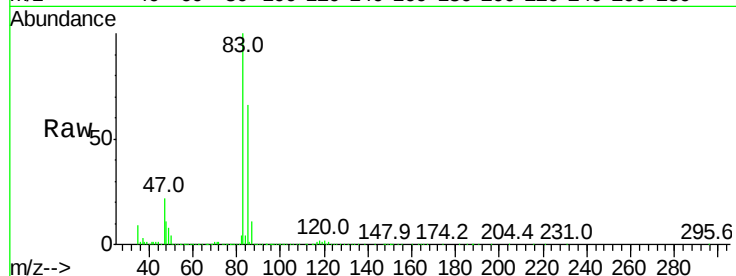




#25
Chloroform
Concen: 51.255 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

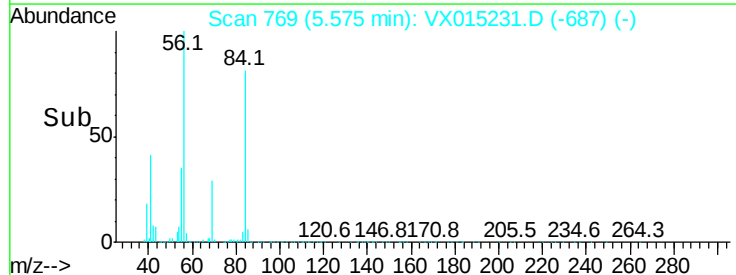
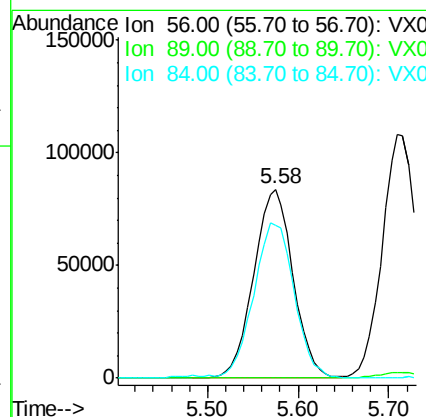
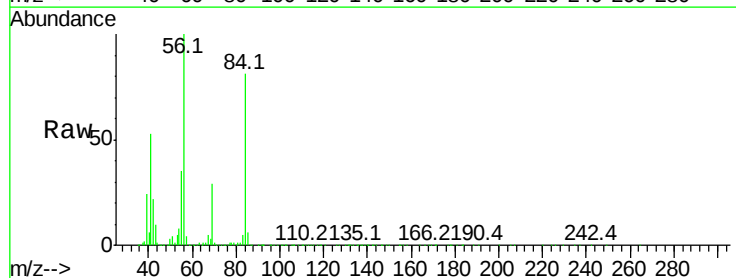
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

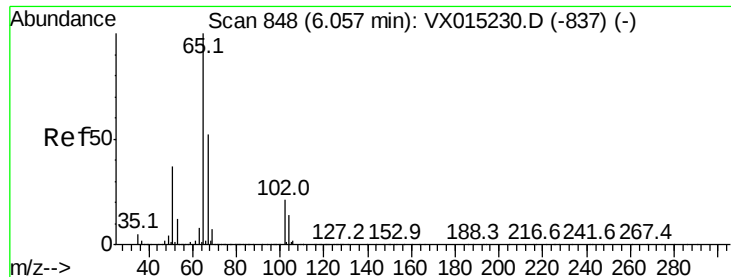
Tgt Ion: 83 Resp: 254062
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2



#26
Cyclohexane
Concen: 57.094 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 56 Resp: 250821
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.8 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 28.936 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

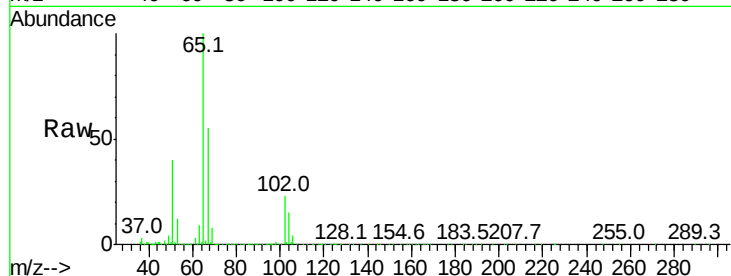
VSTDIC050

Tgt Ion: 65 Resp: 96608

Ion Ratio Lower Upper

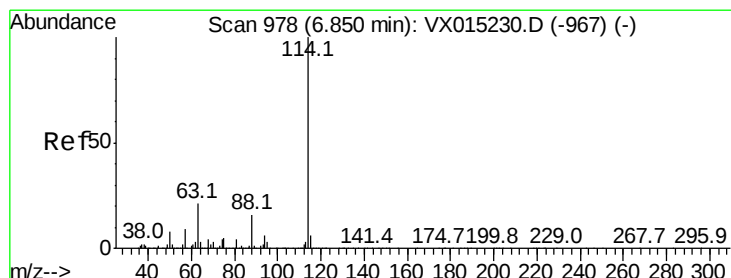
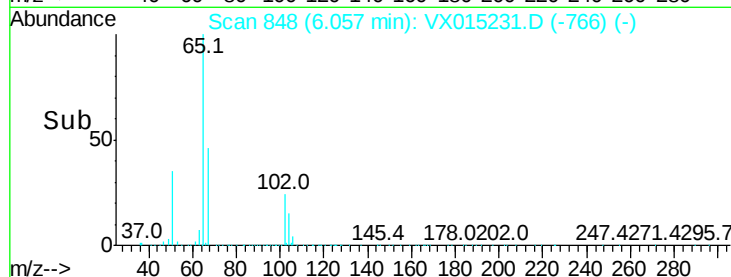
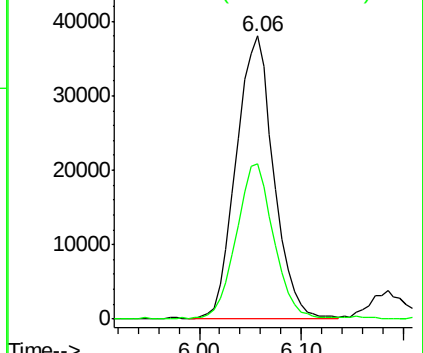
65 100

67 54.5 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

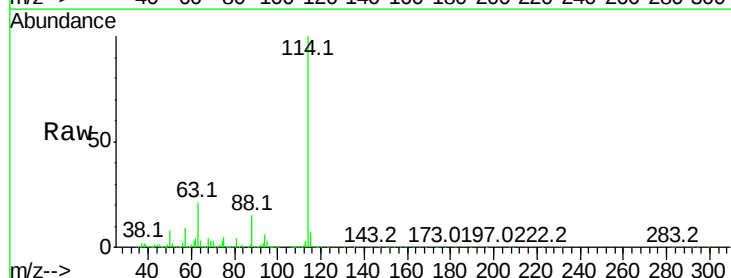
Tgt Ion: 114 Resp: 264443

Ion Ratio Lower Upper

114 100

63 20.1 16.6 24.8

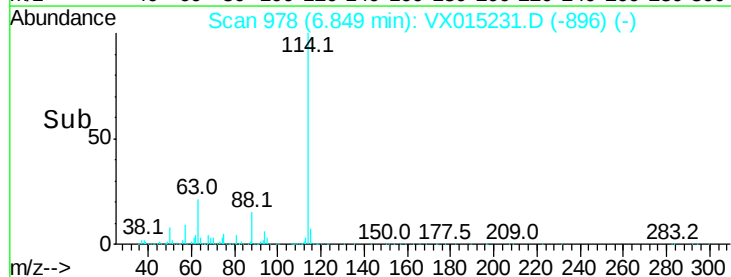
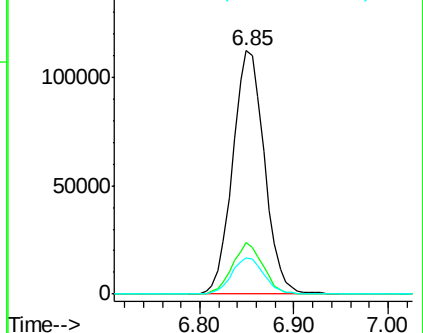
88 15.0 12.6 19.0

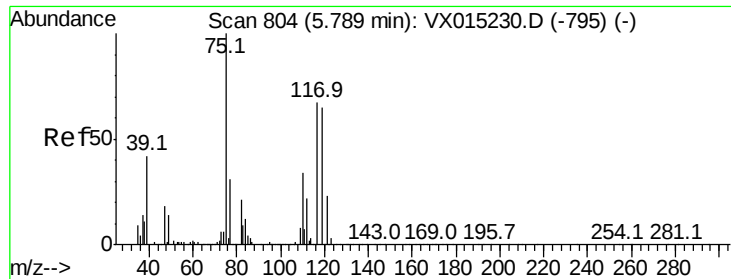


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 53.360 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

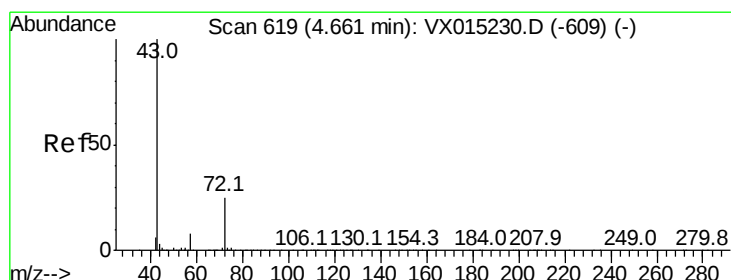
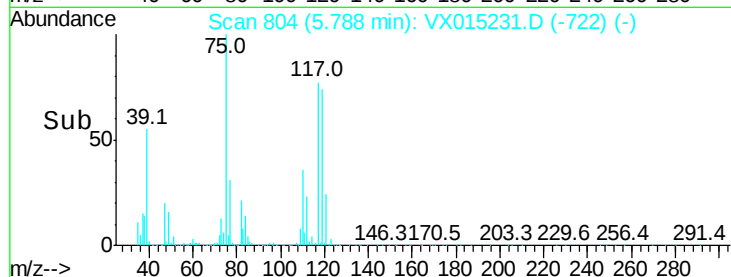
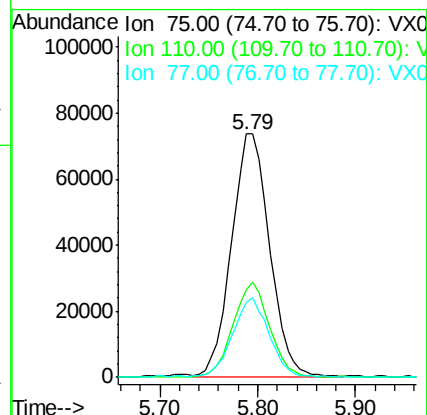
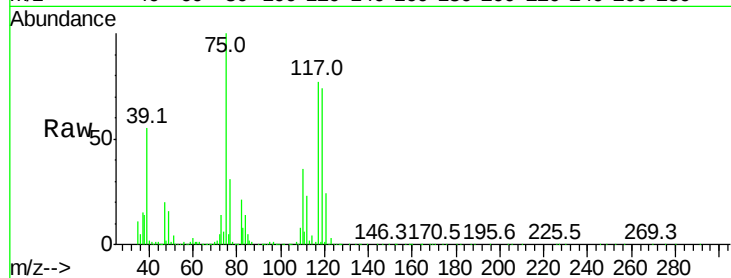
Tgt Ion: 75 Resp: 199586

Ion Ratio Lower Upper

75 100

110 37.4 0.0 73.6

77 30.5 0.0 63.4



#30

2-Butanone

Concen: 259.592 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

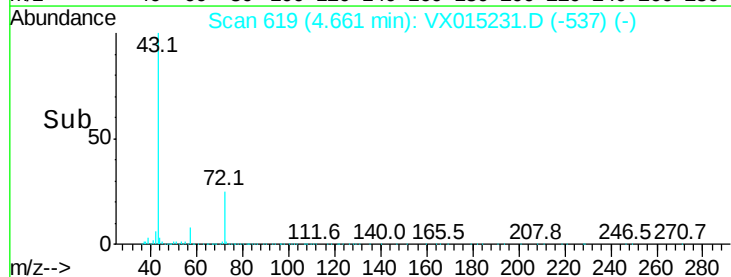
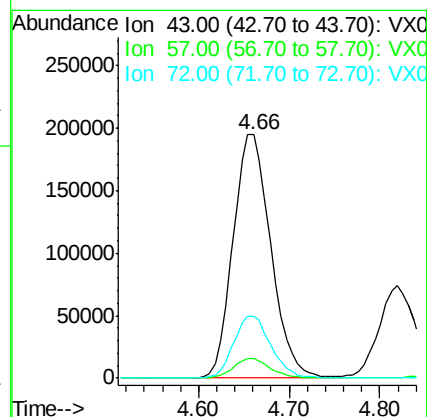
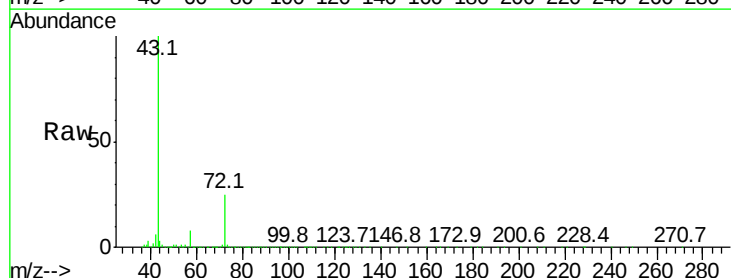
Tgt Ion: 43 Resp: 560450

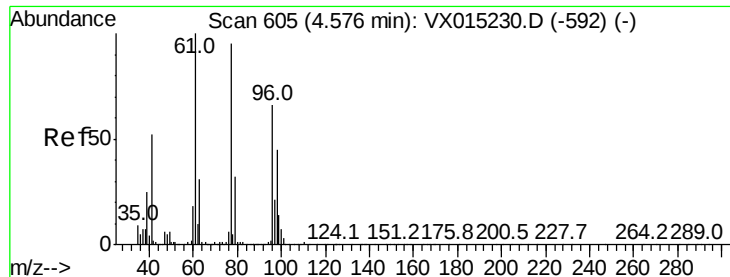
Ion Ratio Lower Upper

43 100

57 7.8 6.4 9.6

72 25.0 19.9 29.9

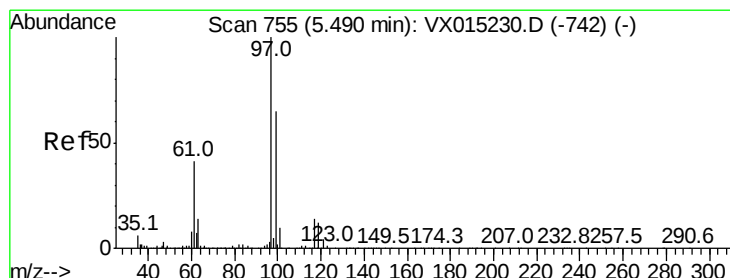
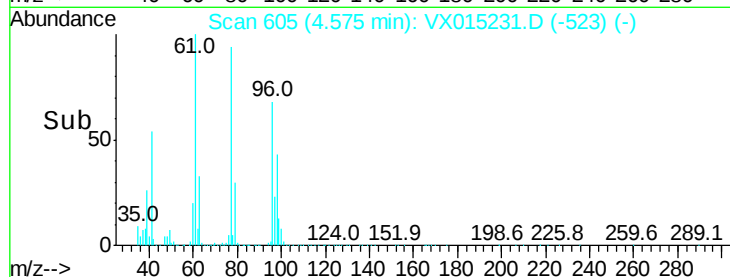
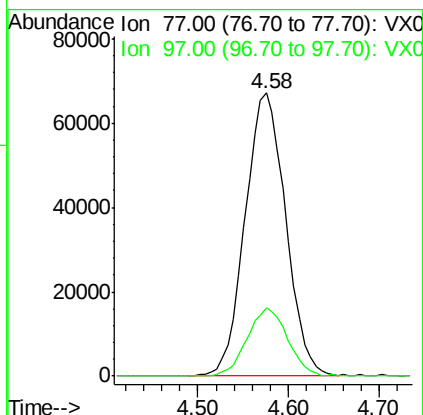
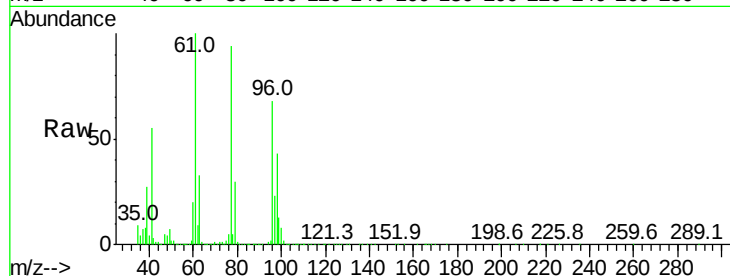




#31
 2,2-Dichloropropane
 Concen: 50.711 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

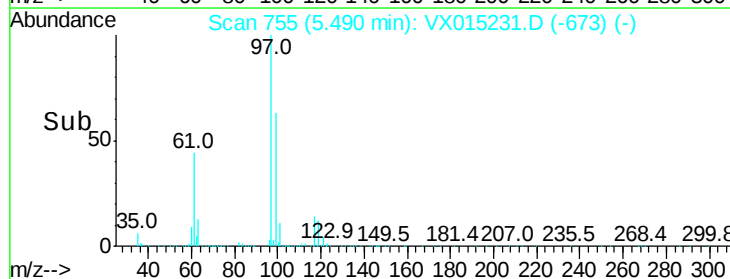
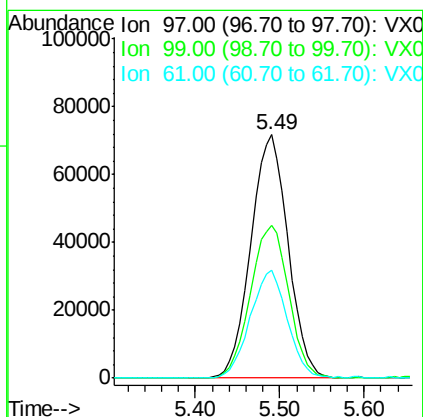
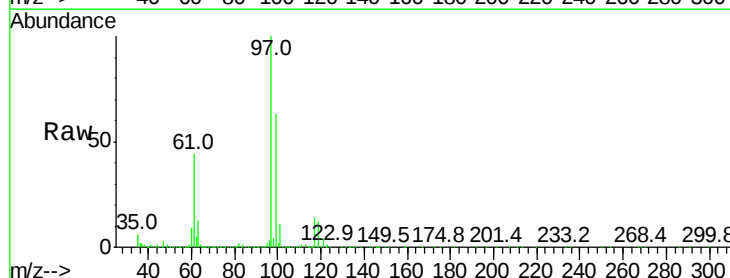
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

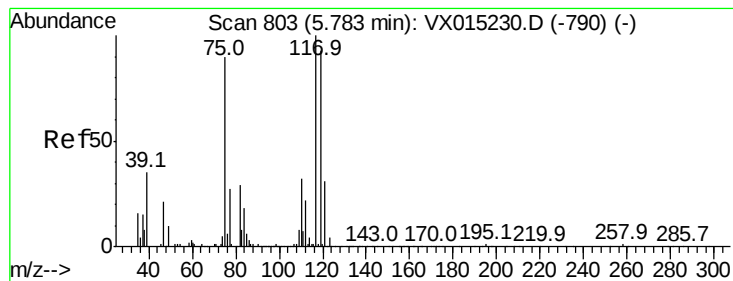
Tgt Ion: 77 Resp: 208277
 Ion Ratio Lower Upper
 77 100
 97 23.8 19.8 29.6



#32
 1,1,1-Trichloroethane
 Concen: 51.026 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion: 97 Resp: 216738
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.0 78.0
 61 43.9 35.0 52.6





#33

Carbon Tetrachloride

Concen: 50.845 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

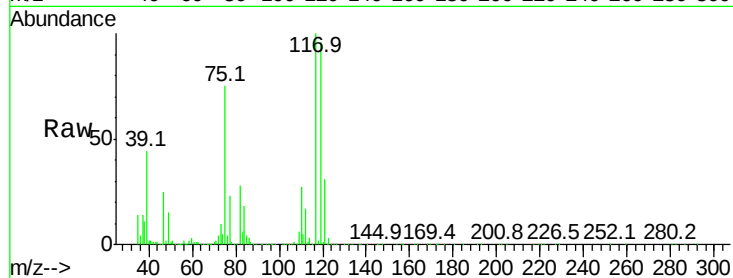
Tgt Ion:117 Resp: 189059

Ion Ratio Lower Upper

117 100

119 96.4 74.2 111.4

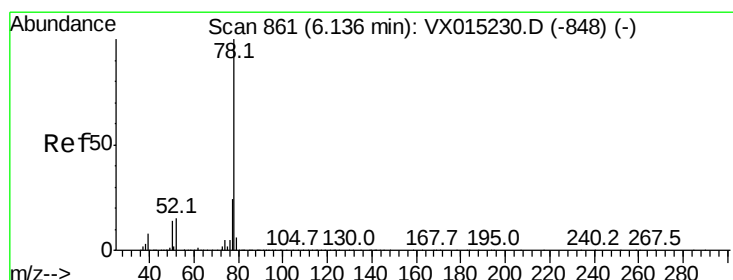
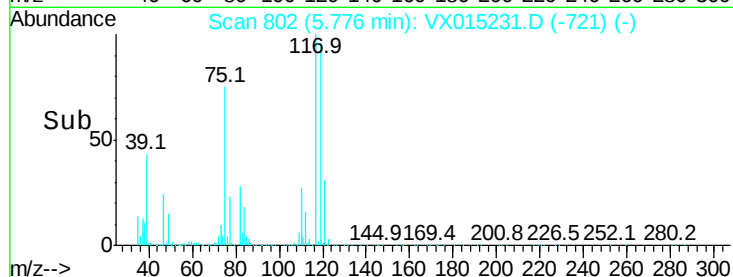
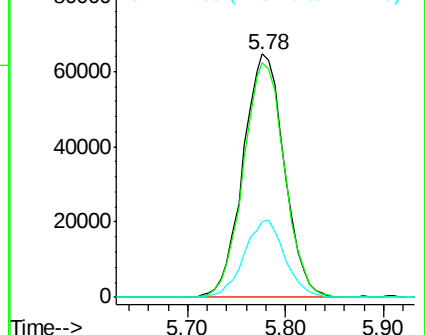
121 31.3 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 54.045 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

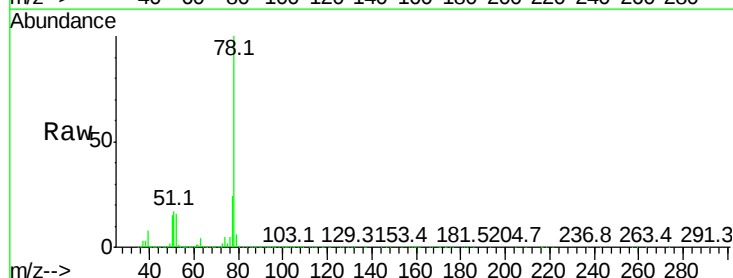
Tgt Ion: 78 Resp: 609985

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

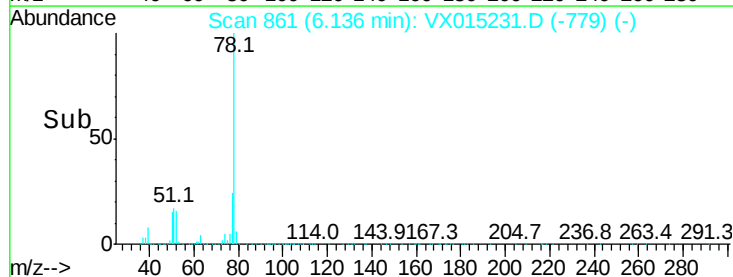
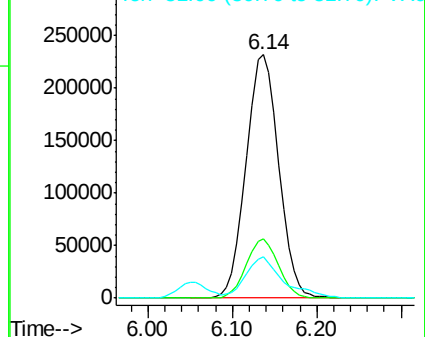
51 16.5 13.4 20.2

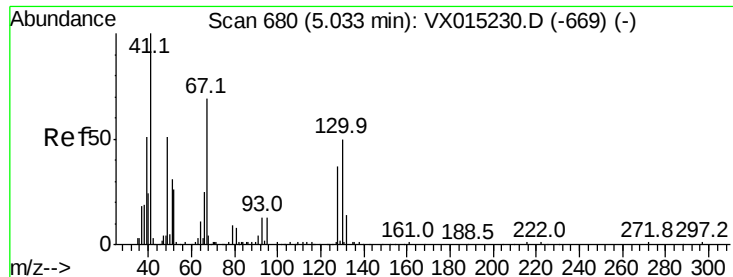


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

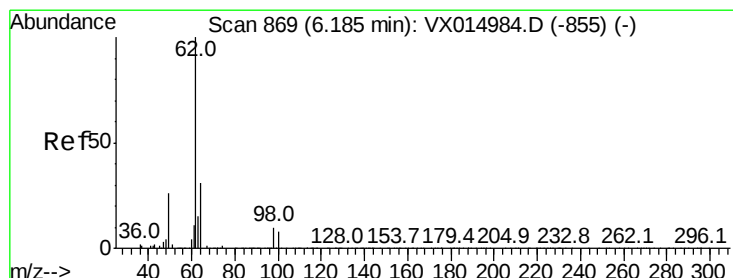
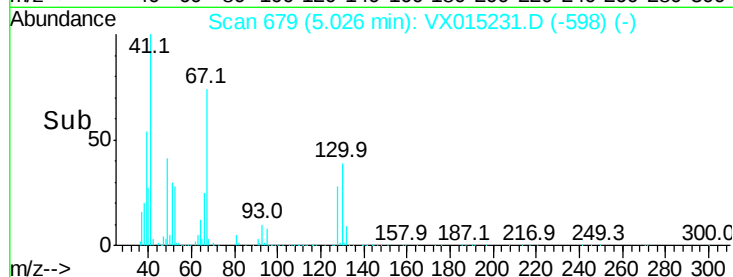
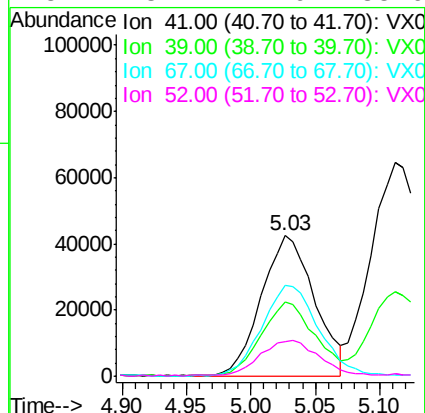
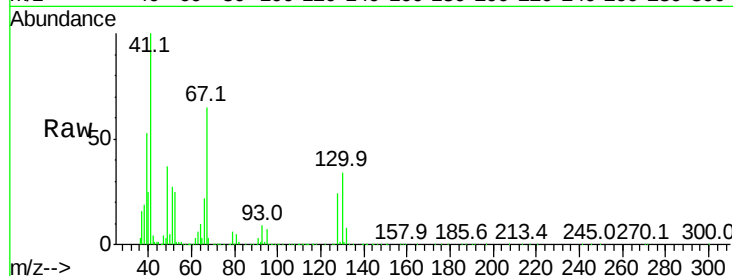




#35
Methacrylonitrile
Concen: 55.110 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

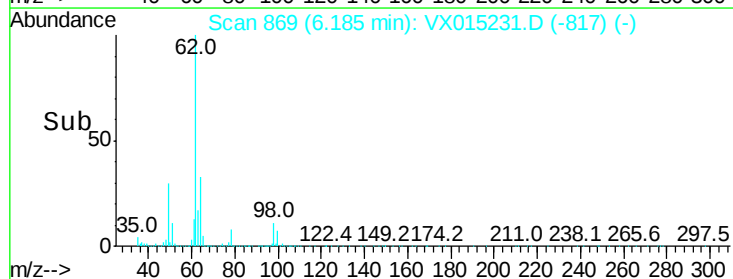
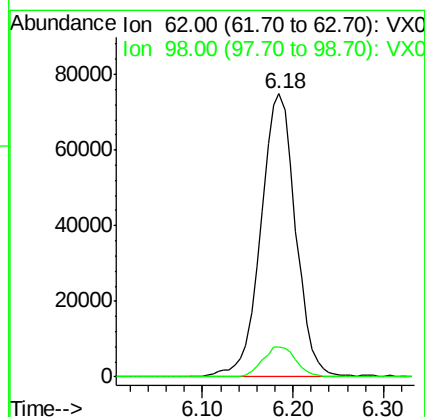
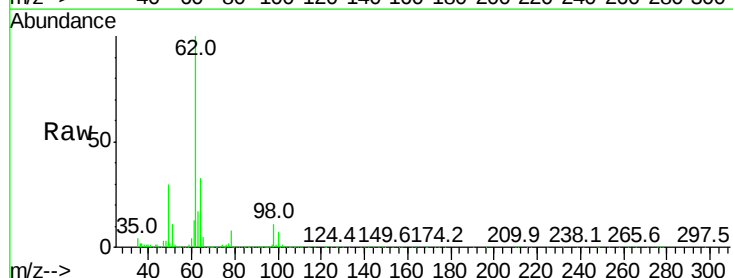
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

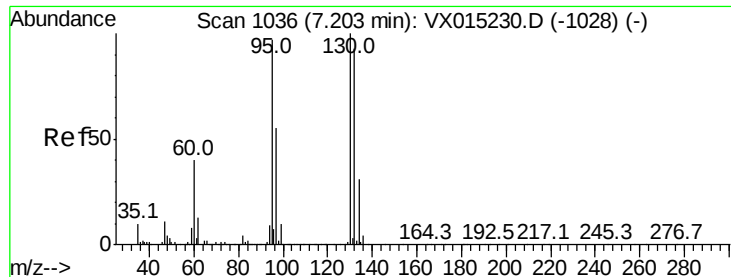
Tgt Ion:	41	Resp:	121370
Ion	Ratio	Lower	Upper
41	100		
39	52.1	25.7	77.1
67	64.5	34.3	102.8
52	23.7	12.9	38.6



#36
1,2-Dichloroethane
Concen: 49.559 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:	62	Resp:	197988
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.4	12.6





#37

Trichloroethene

Concen: 53.149 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

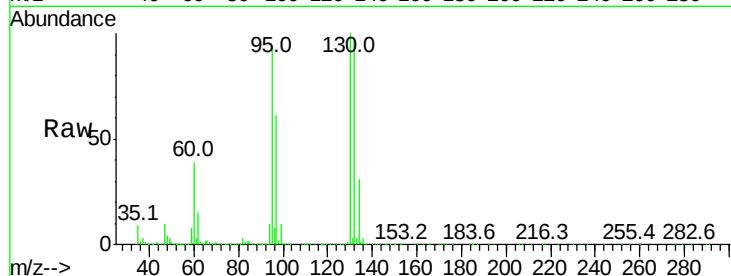
VSTDIC050

Tgt Ion:130 Resp: 168424

Ion Ratio Lower Upper

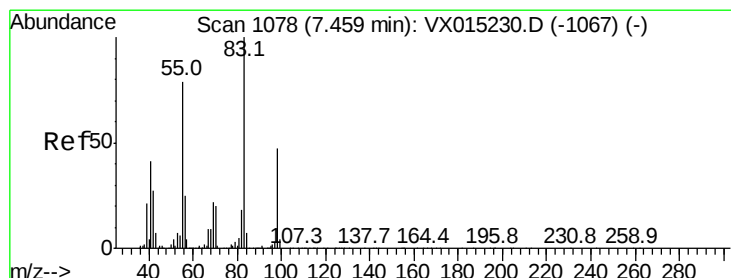
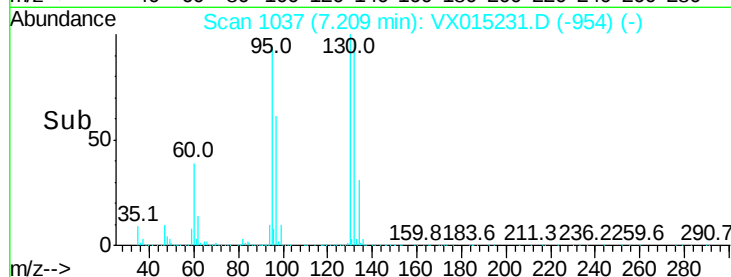
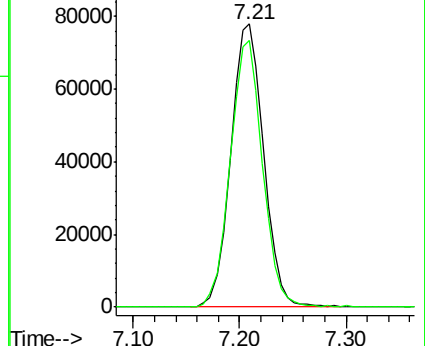
130 100

95 94.2 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 53.669 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

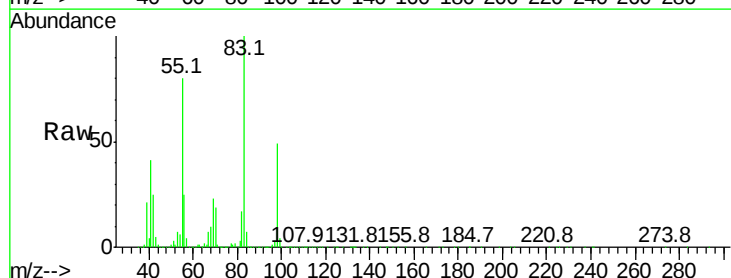
Tgt Ion: 83 Resp: 248824

Ion Ratio Lower Upper

83 100

55 79.0 39.1 117.2

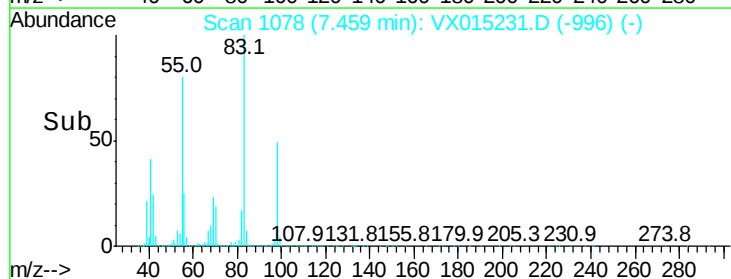
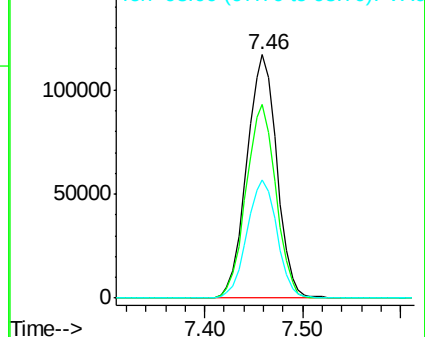
98 49.0 24.4 73.2

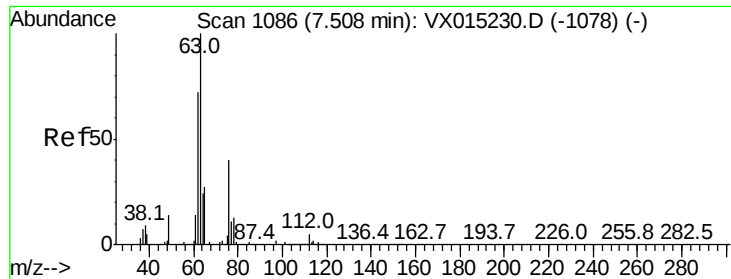


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 54.272 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

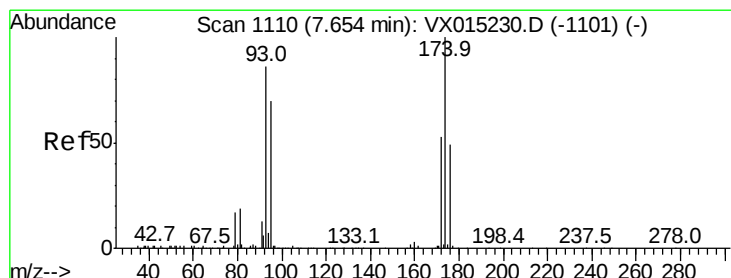
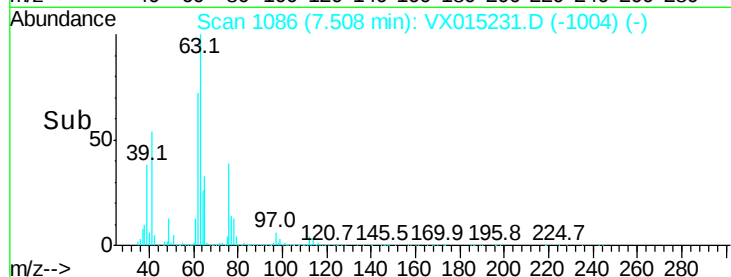
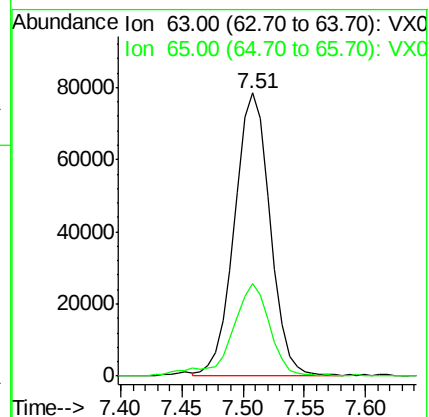
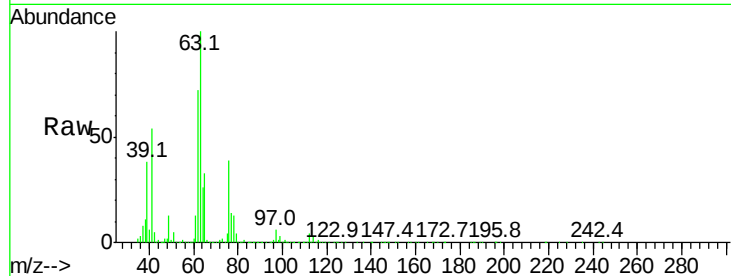
VSTDIC050

Tgt Ion: 63 Resp: 157669

Ion Ratio Lower Upper

63 100

65 32.5 23.2 34.8



#40

Dibromomethane

Concen: 51.748 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

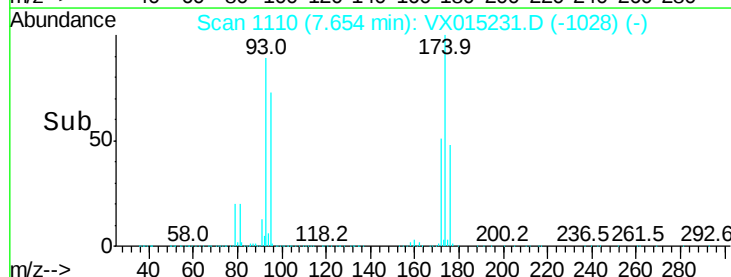
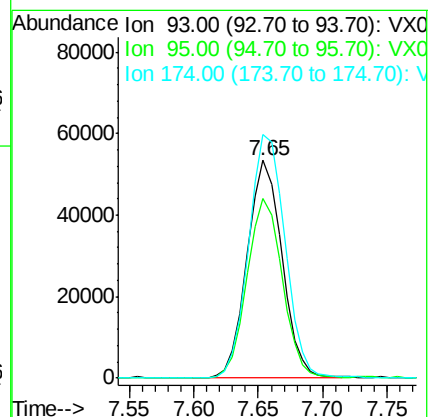
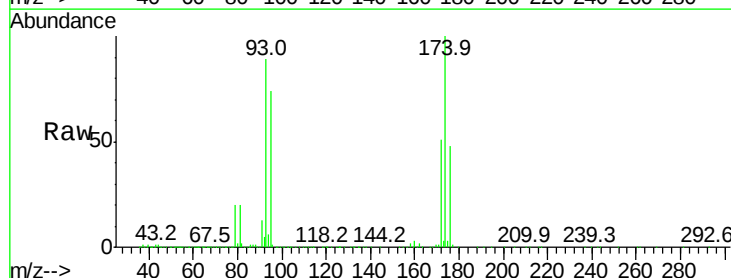
Tgt Ion: 93 Resp: 100387

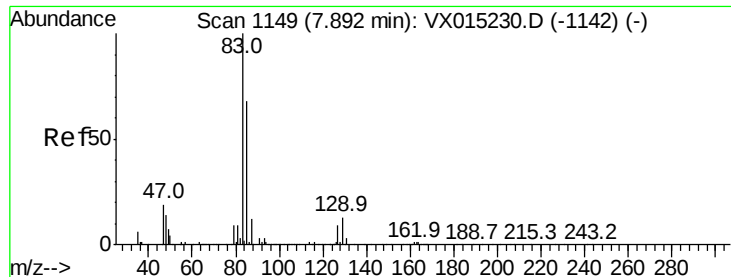
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.6

174 116.4 0.0 233.6





#41

Bromodichloromethane

Concen: 52.306 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

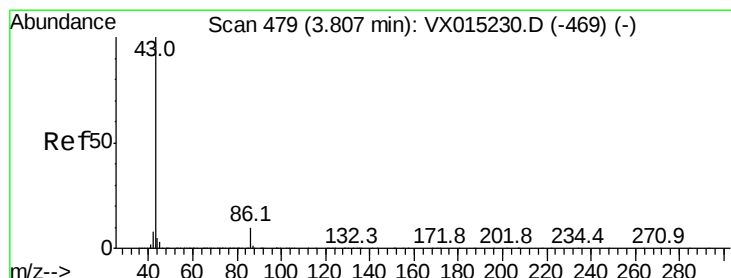
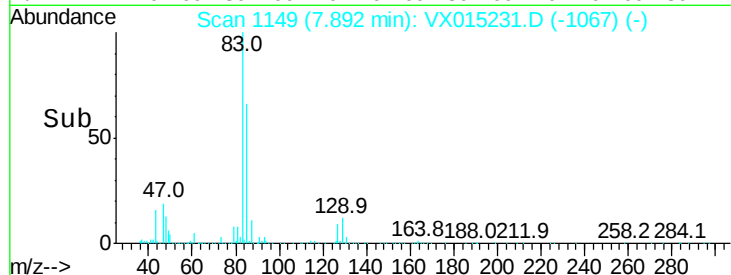
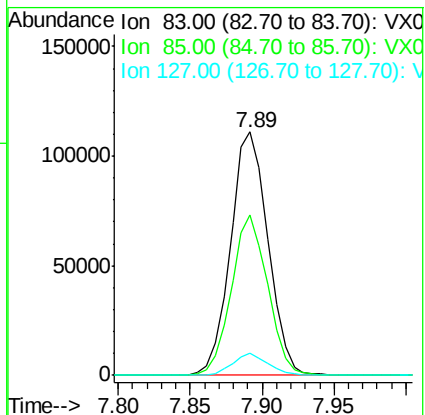
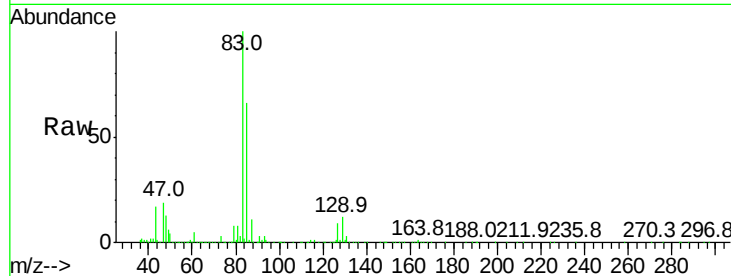
Tgt Ion: 83 Resp: 200440

Ion Ratio Lower Upper

83 100

85 65.6 54.2 81.4

127 9.0 7.1 10.7



#42

Vinyl Acetate

Concen: 282.767 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015231.D

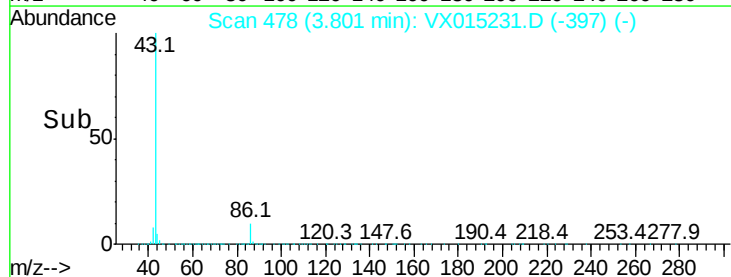
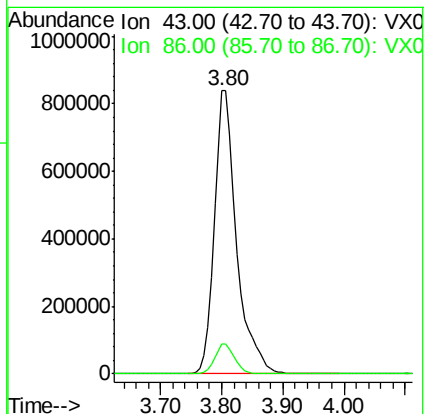
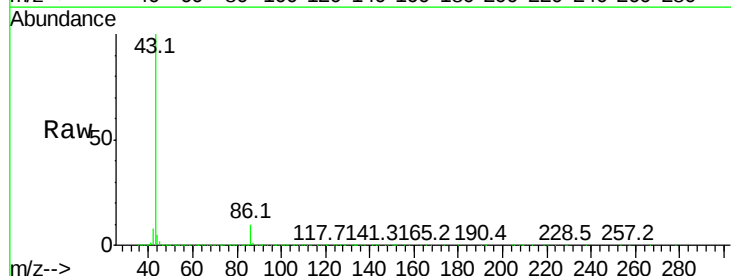
Acq: 12 Mar 2020 12:38

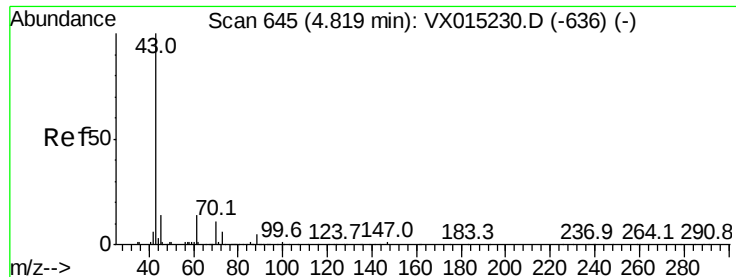
Tgt Ion: 43 Resp: 2148784

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.2

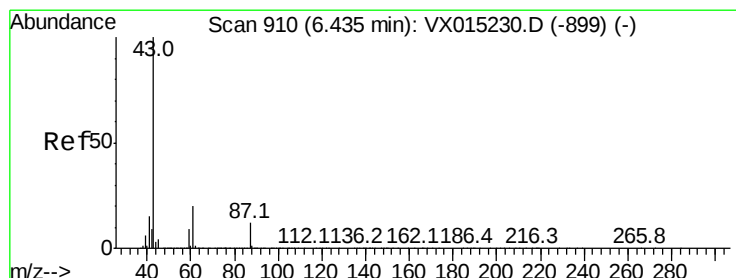
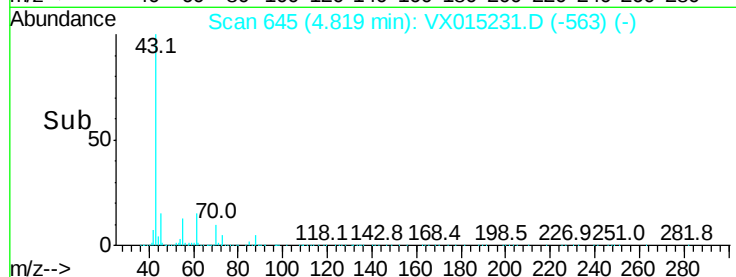
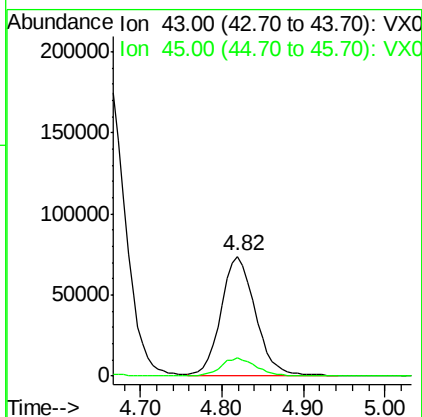
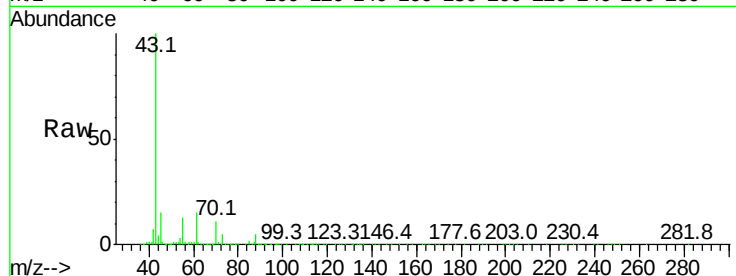




#43
Ethyl Acetate
Concen: 54.996 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

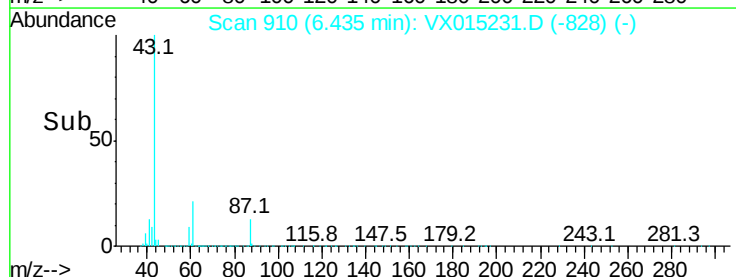
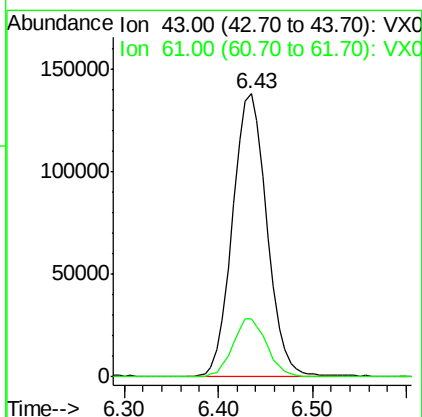
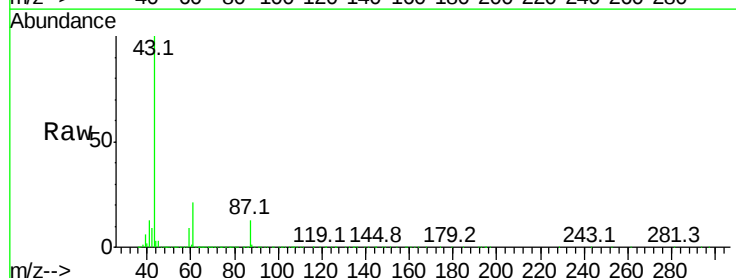
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

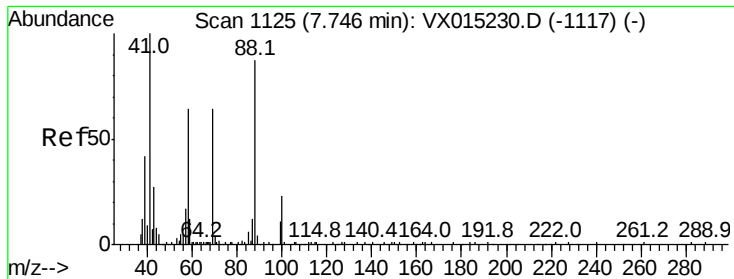
Tgt Ion: 43 Resp: 214836
Ion Ratio Lower Upper
43 100
45 14.9 11.7 17.5



#44
Isopropyl Acetate
Concen: 53.325 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 43 Resp: 350180
Ion Ratio Lower Upper
43 100
61 20.4 17.0 25.4

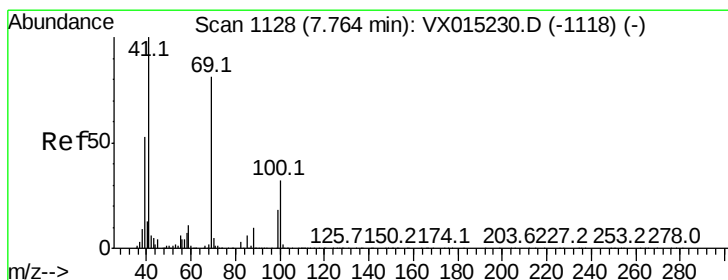
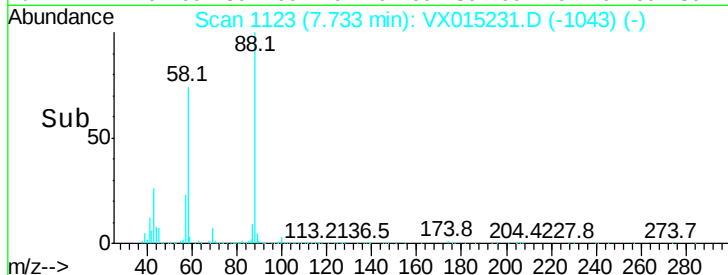
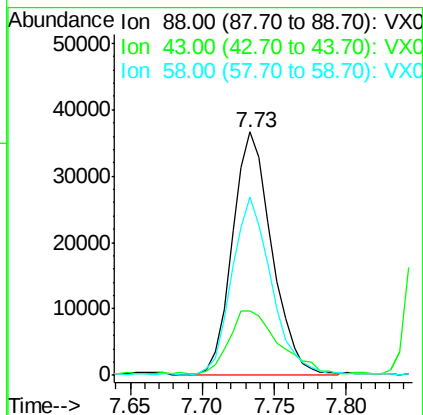
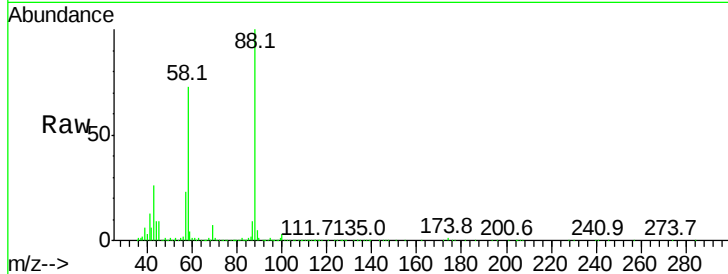




#45
 1,4-Dioxane
 Concen: 1140.468 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

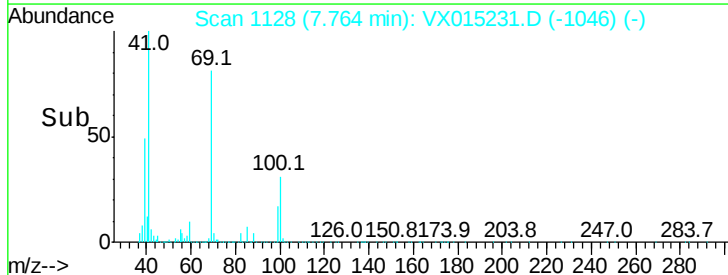
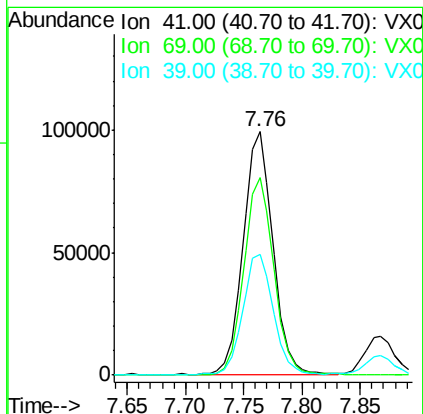
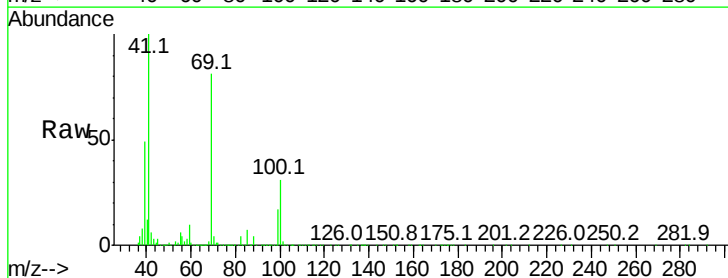
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

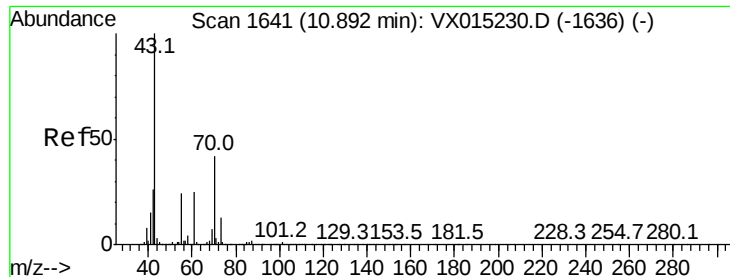
Tgt Ion: 88 Resp: 69203
 Ion Ratio Lower Upper
 88 100
 43 33.1 26.4 39.6
 58 74.4 57.3 85.9



#46
 Methyl methacrylate
 Concen: 54.268 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion: 41 Resp: 176304
 Ion Ratio Lower Upper
 41 100
 69 81.1 40.5 121.4
 39 49.3 26.6 79.8





#47

n-amy1 Acetate

Concen: 55.601 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

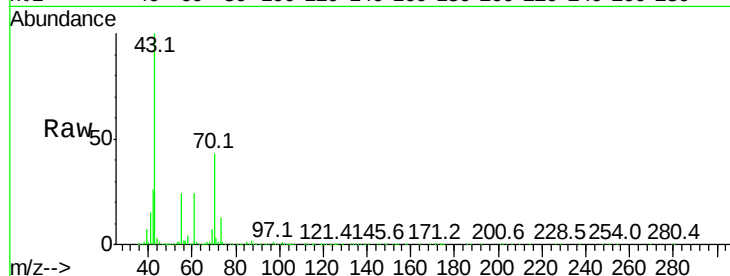
VSTDIC050

Tgt Ion: 43 Resp: 316316

Ion Ratio Lower Upper

43 100

55 24.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

250000

200000

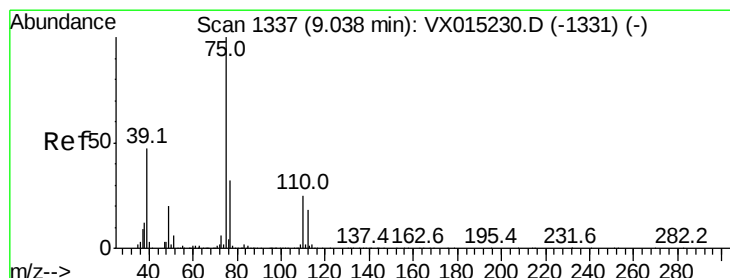
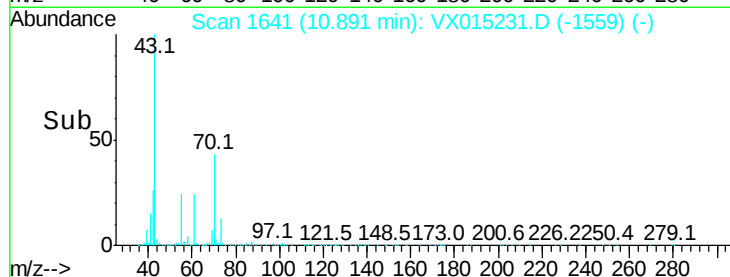
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 53.351 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015231.D

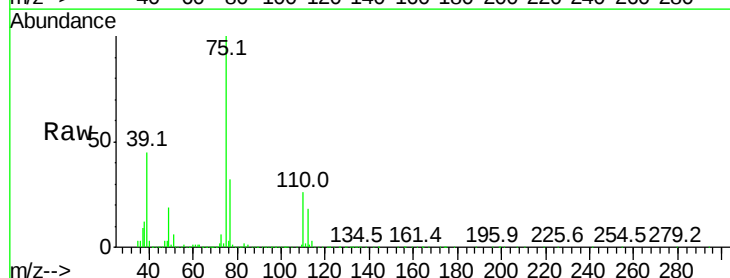
Acq: 12 Mar 2020 12:38

Tgt Ion: 75 Resp: 226824

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

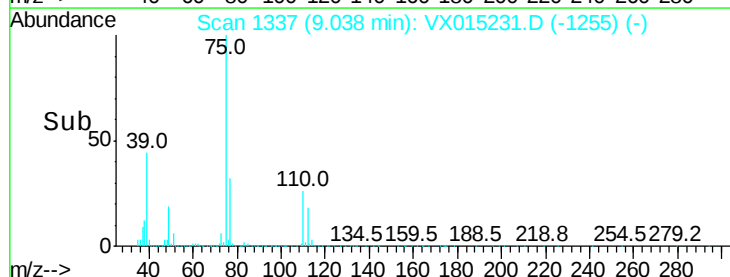
150000

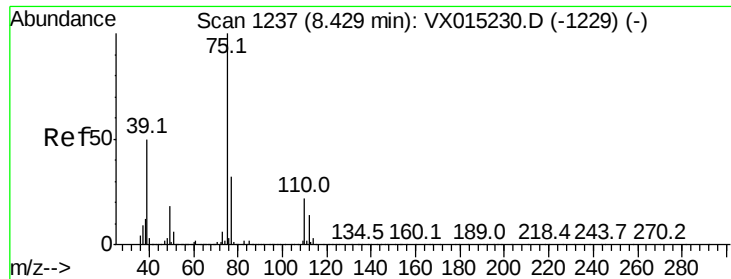
100000

50000

0

Time-->



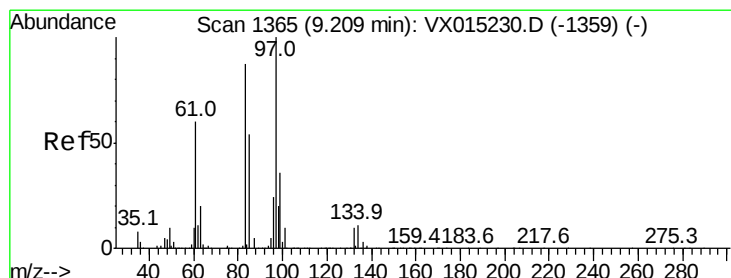
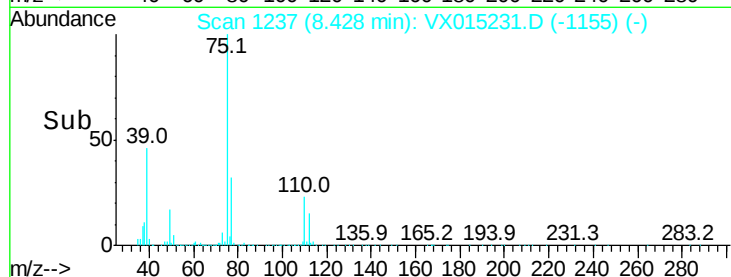
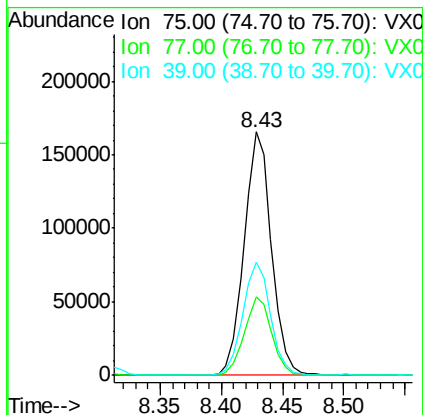
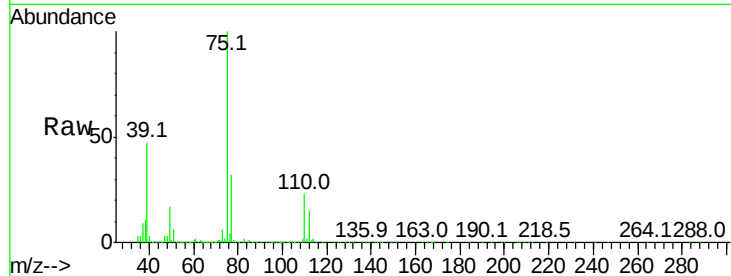


#49

cis-1,3-Dichloropropene
 Concen: 54.627 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

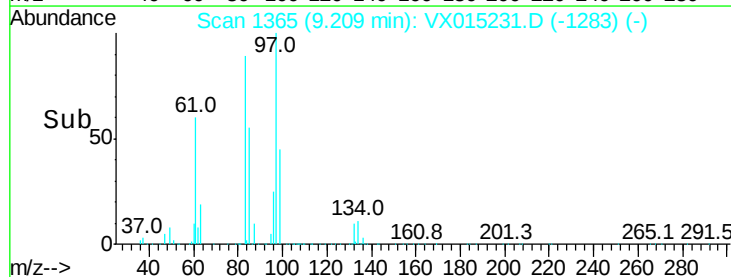
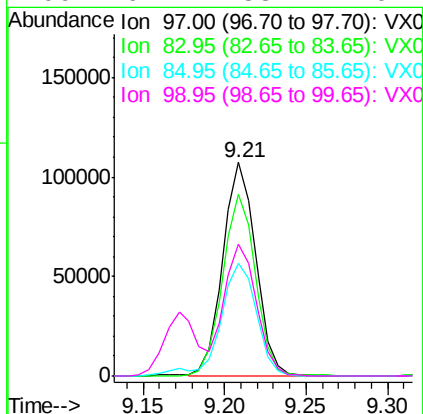
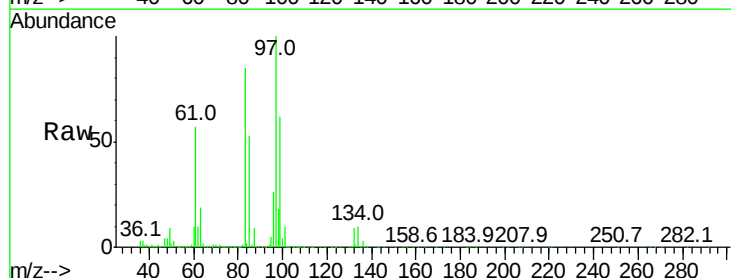
Tgt Ion:	75	Resp:	255691
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	46.6	39.8	59.6

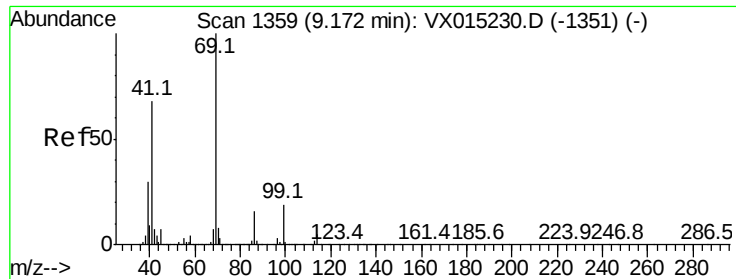


#50

1,1,2-Trichloroethane
 Concen: 52.316 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion:	97	Resp:	151202
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	52.8	45.4	68.0
99	61.7	53.1	79.7





#51

Ethyl methacrylate

Concen: 53.994 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

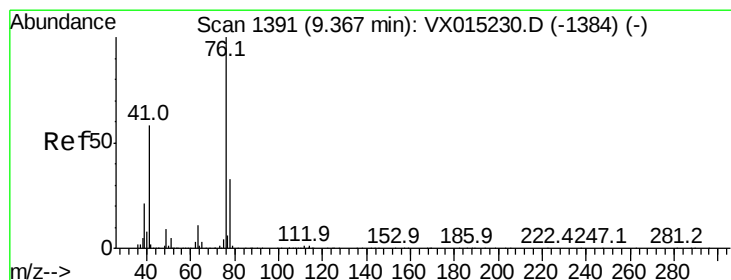
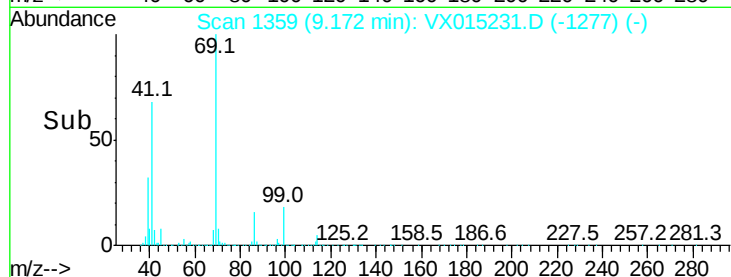
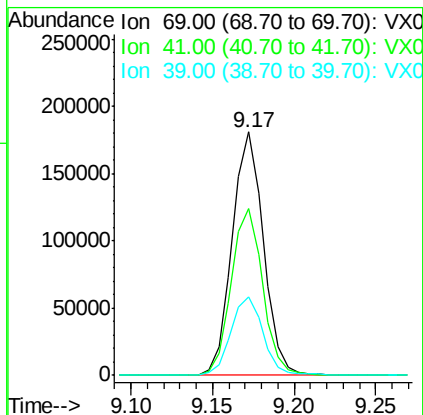
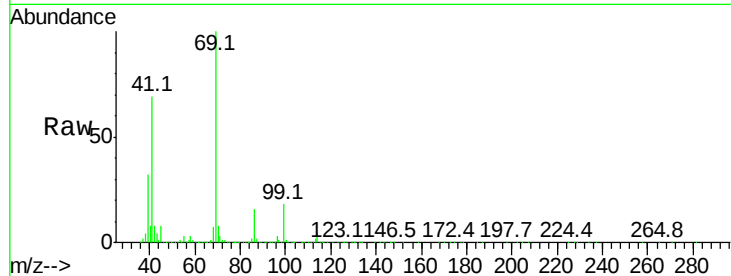
Tgt Ion: 69 Resp: 240854

Ion Ratio Lower Upper

69 100

41 68.5 33.8 101.3

39 32.1 15.1 45.3



#52

1,3-Dichloropropane

Concen: 52.779 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015231.D

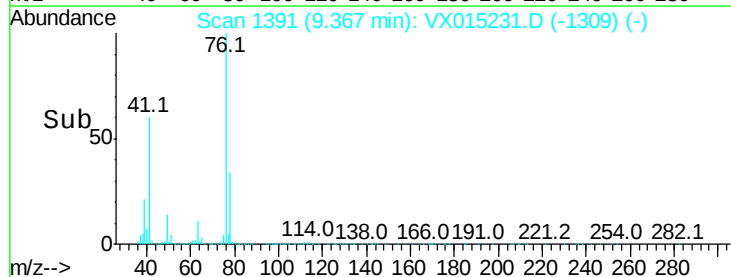
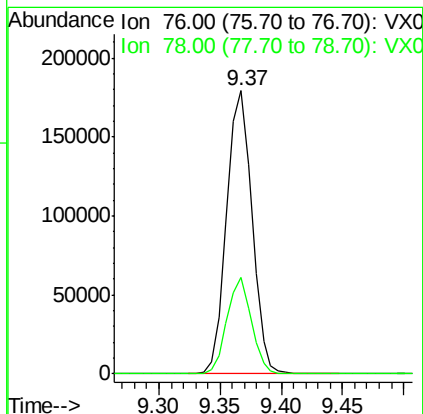
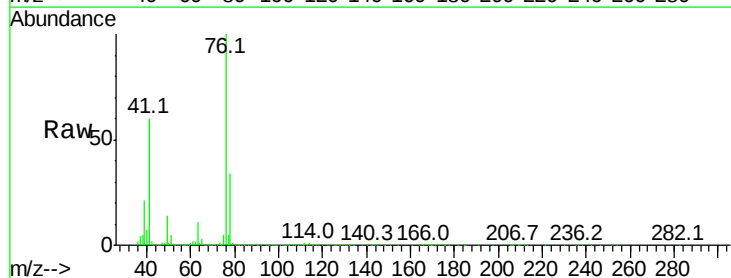
Acq: 12 Mar 2020 12:38

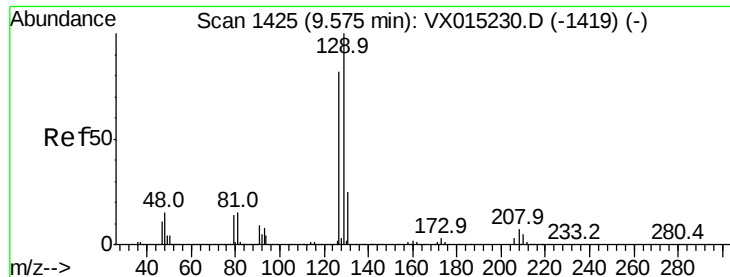
Tgt Ion: 76 Resp: 258048

Ion Ratio Lower Upper

76 100

78 32.5 0.0 65.2





#53

Dibromochloromethane

Concen: 52.330 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

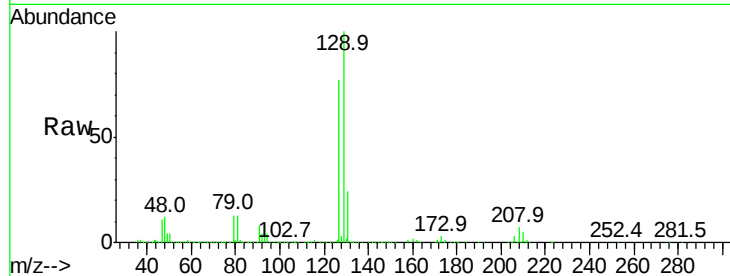
VSTDIC050

Tgt Ion:129 Resp: 163519

Ion Ratio Lower Upper

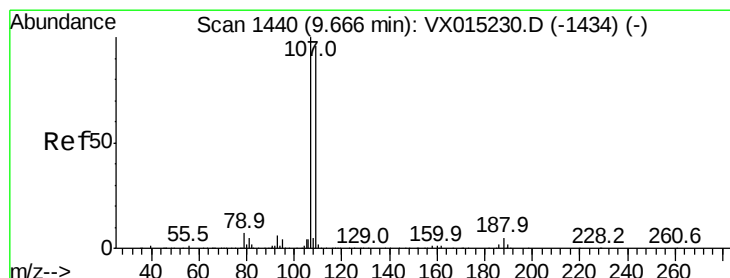
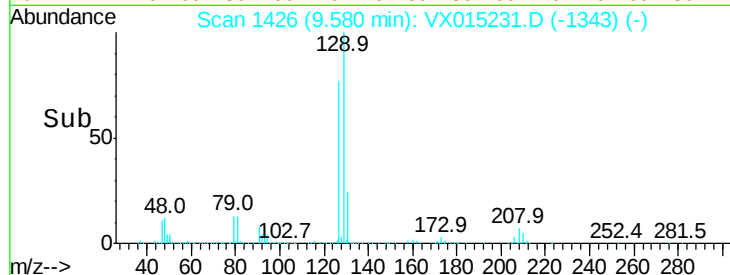
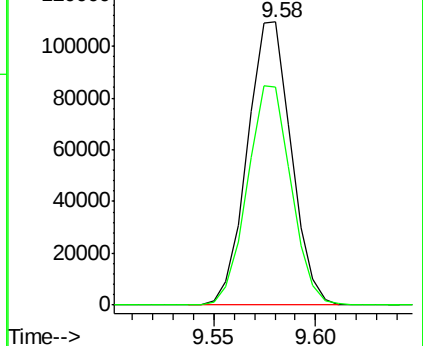
129 100

127 77.2 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: 51.757 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015231.D

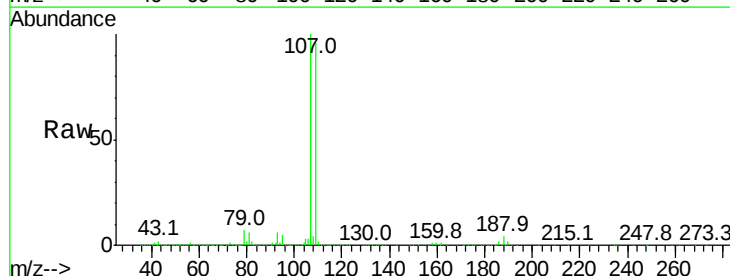
Acq: 12 Mar 2020 12:38

Tgt Ion:107 Resp: 158818

Ion Ratio Lower Upper

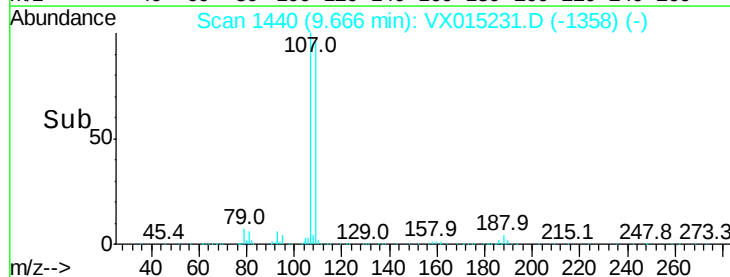
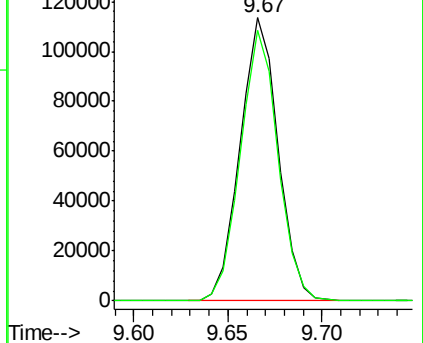
107 100

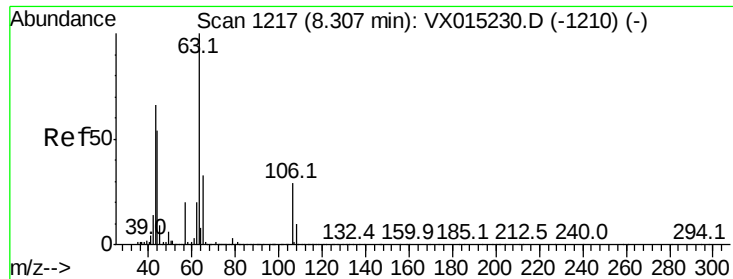
109 94.5 75.0 112.4



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: 258.949 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

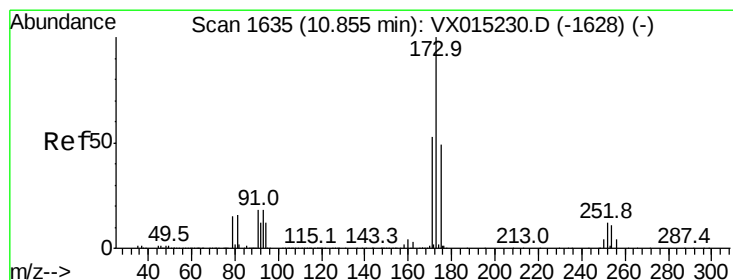
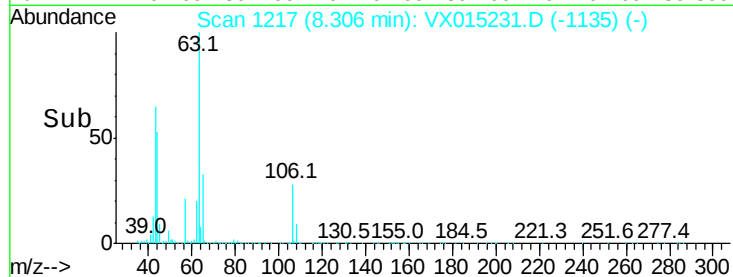
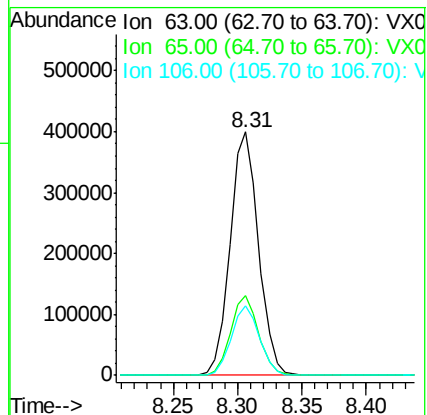
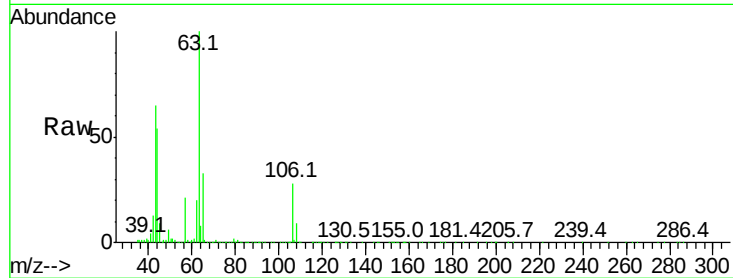
Tgt Ion: 63 Resp: 615309

Ion Ratio Lower Upper

63 100

65 32.3 25.6 38.4

106 28.2 23.0 34.4



#56

Bromoform

Concen: 51.355 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

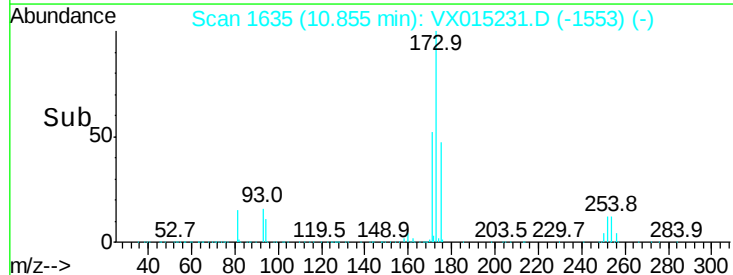
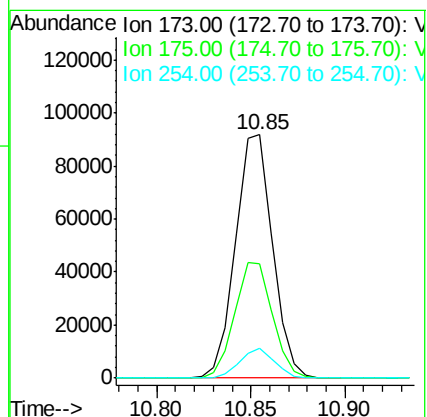
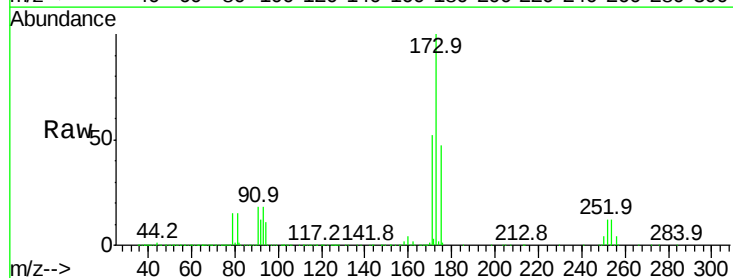
Tgt Ion: 173 Resp: 125795

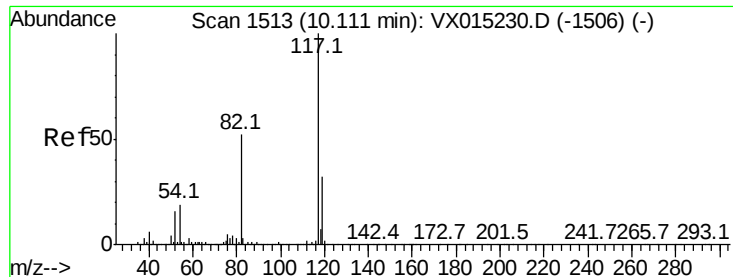
Ion Ratio Lower Upper

173 100

175 48.4 38.9 58.3

254 11.6 9.1 13.7

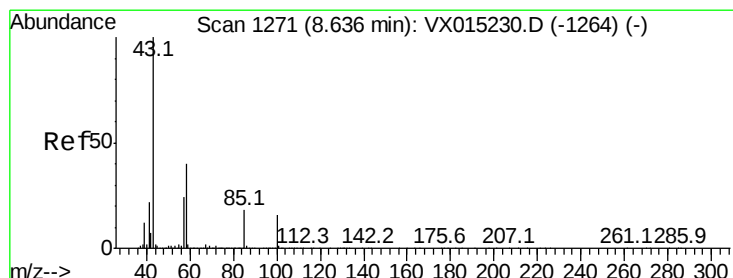
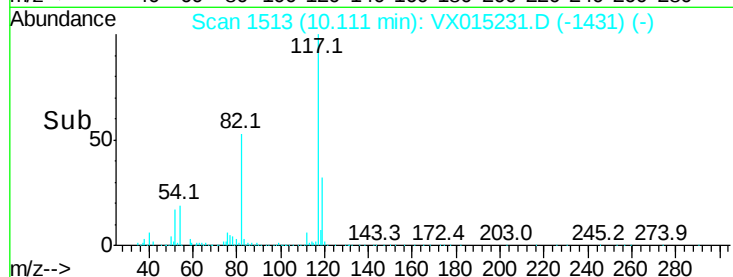
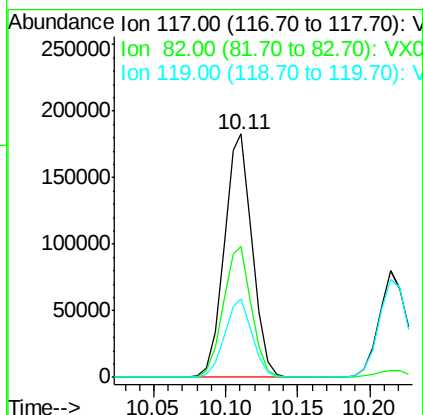
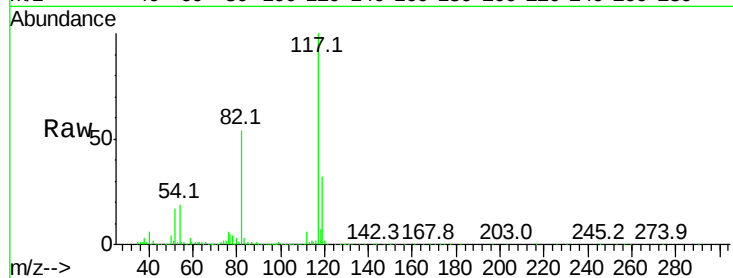




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

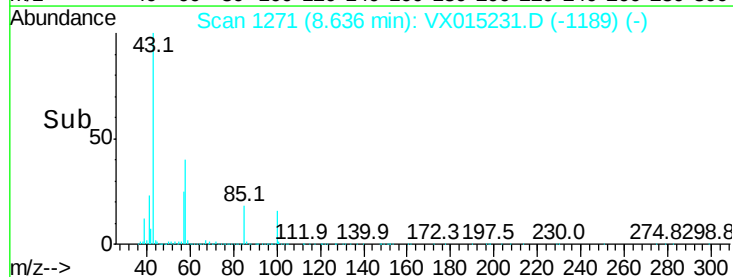
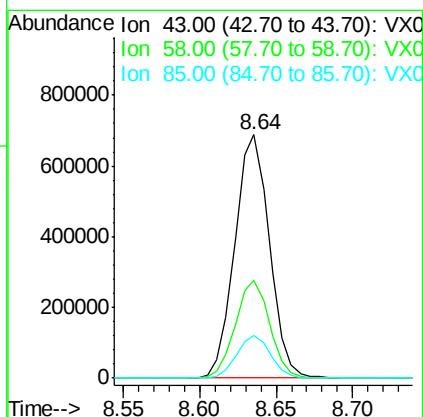
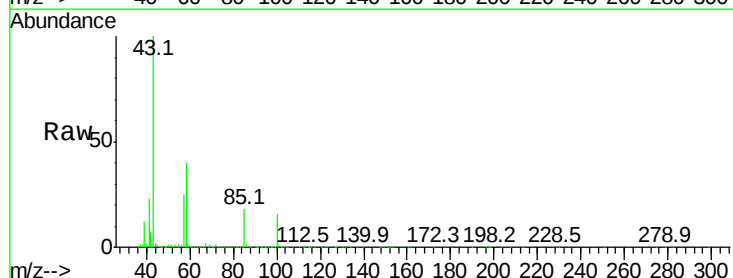
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

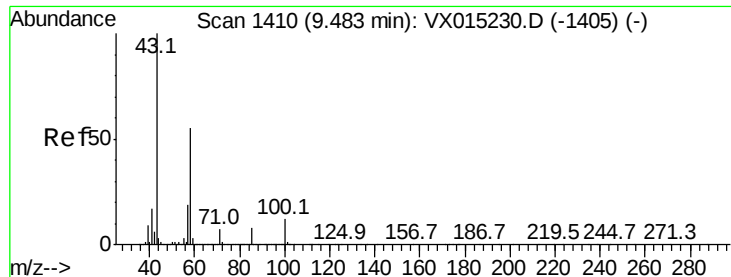
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.2	64.8
119	31.9	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 264.499 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	17.3	13.8	20.8

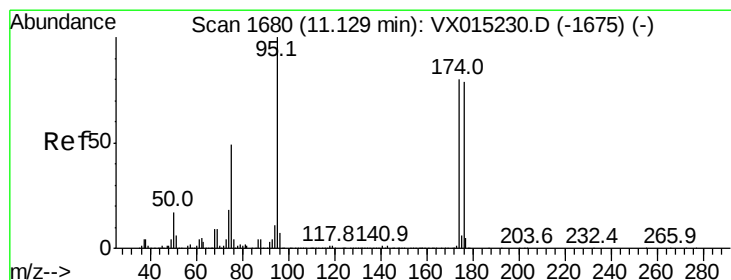
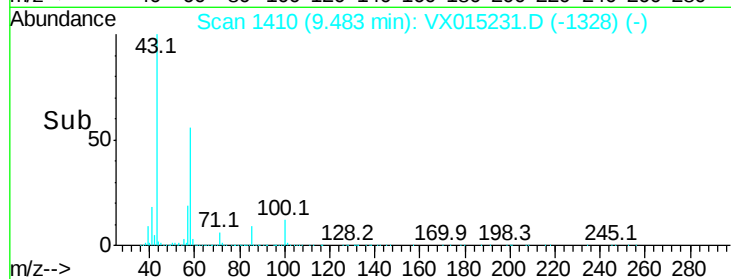
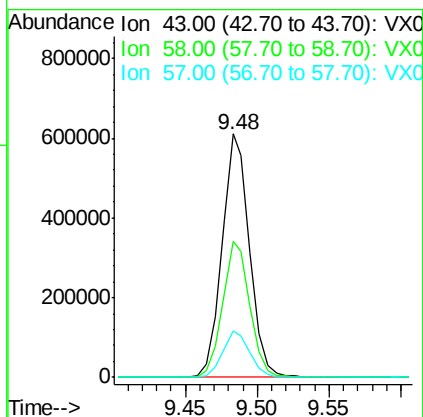
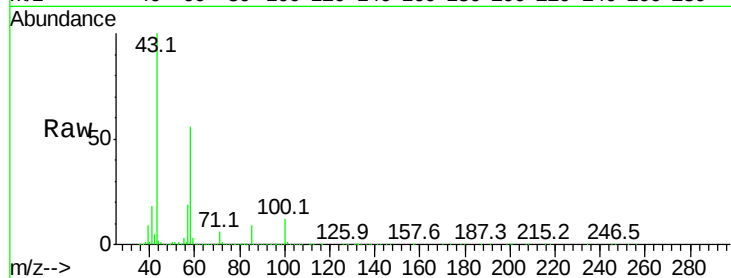




#59
2-Hexanone
Concen: 255.663 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

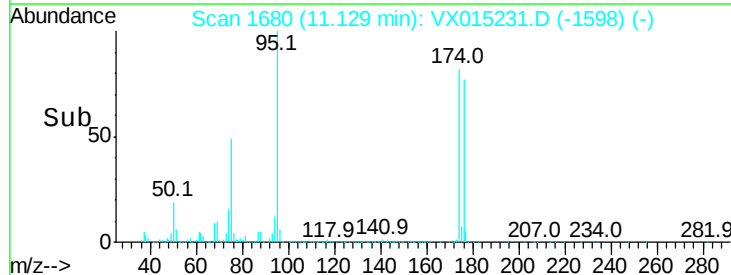
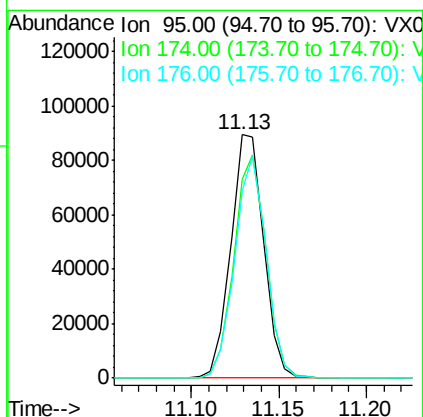
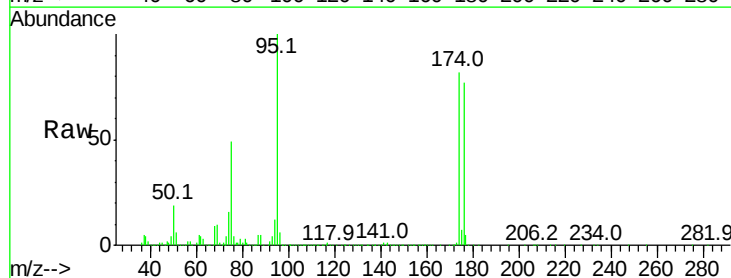
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

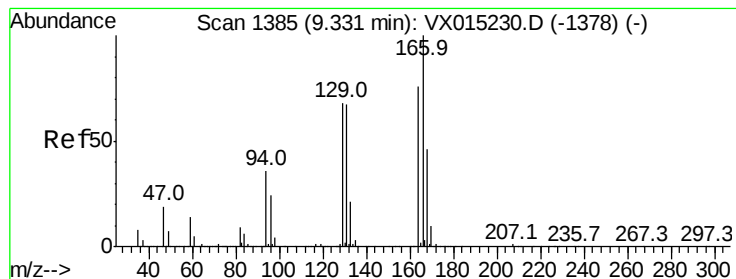
Tgt Ion:	43	Resp:	814057
Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.6	66.8
57	18.9	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 30.165 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:	95	Resp:	116826
Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.0	108.0
176	87.2	70.1	105.1





#61

Tetrachloroethene

Concen: 51.457 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 171855

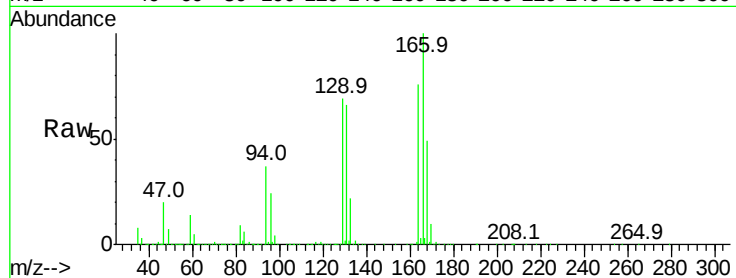
Ion Ratio Lower Upper

164 100

166 130.8 105.1 157.7

129 90.4 71.5 107.3

131 86.7 69.9 104.9

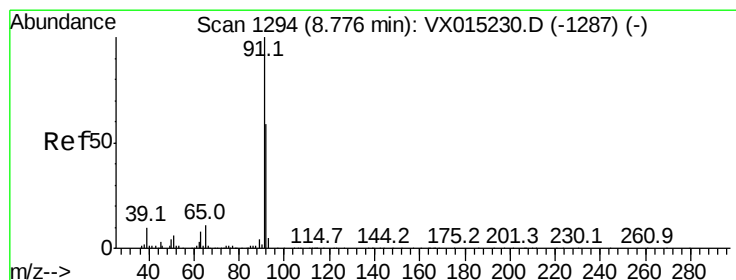
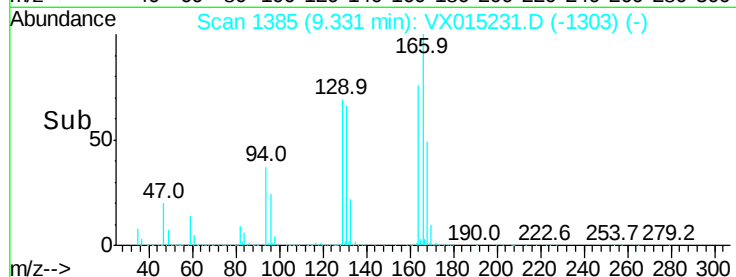
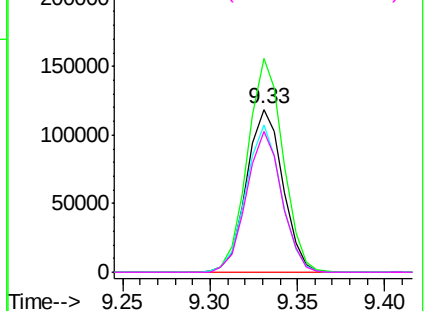


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 51.199 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015231.D

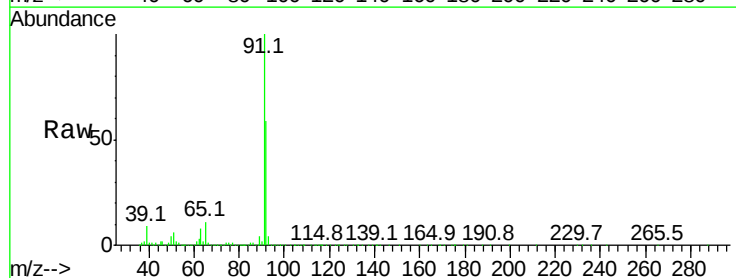
Acq: 12 Mar 2020 12:38

Tgt Ion: 91 Resp: 652097

Ion Ratio Lower Upper

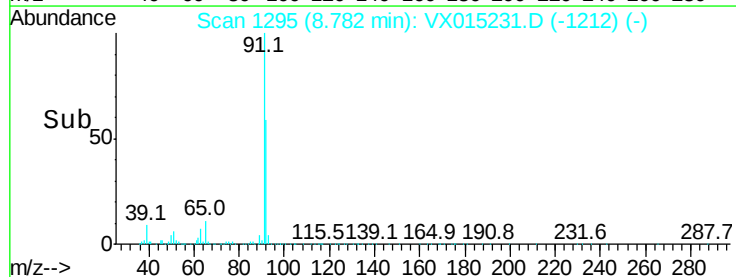
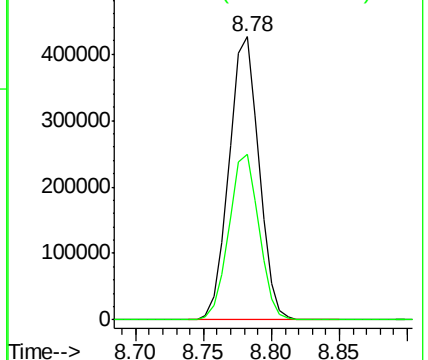
91 100

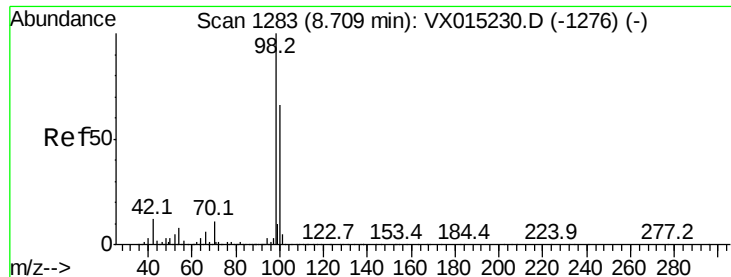
92 58.9 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.603 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

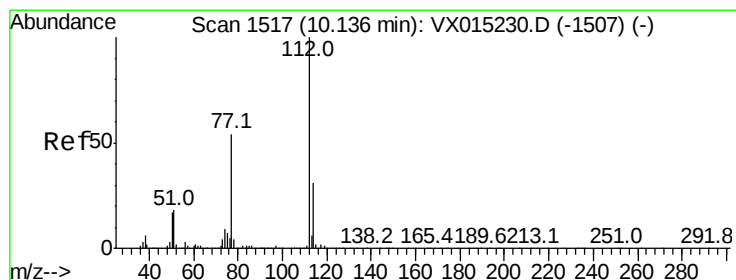
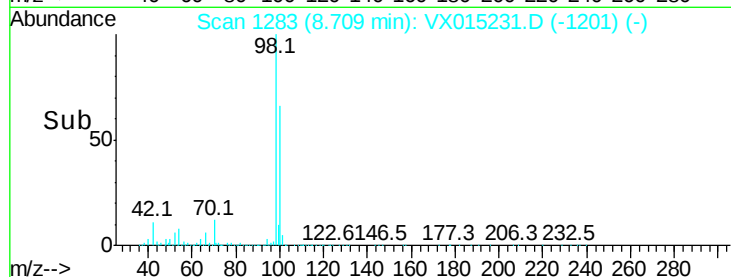
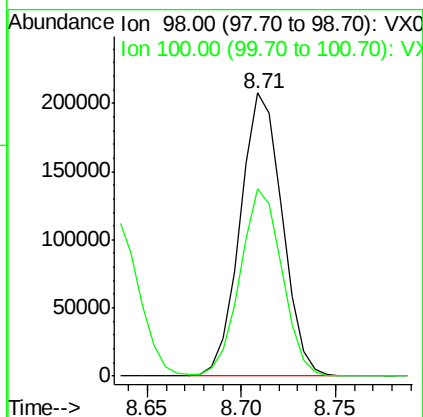
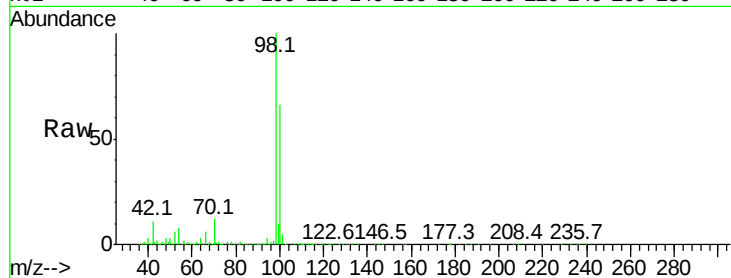
VSTDIC050

Tgt Ion: 98 Resp: 321001

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



#64

Chlorobenzene

Concen: 50.494 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015231.D

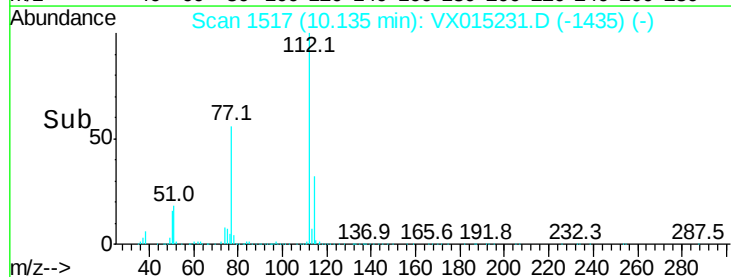
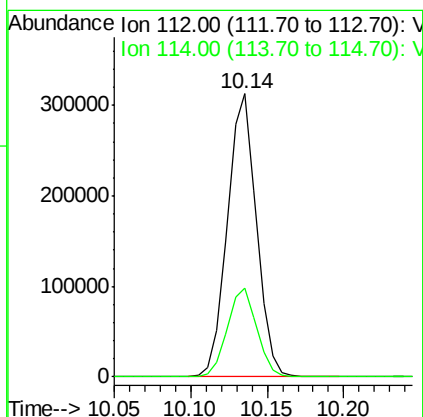
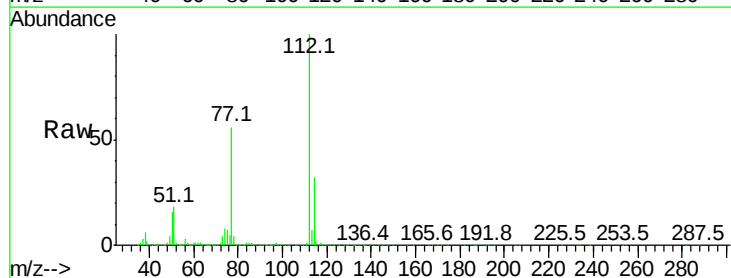
Acq: 12 Mar 2020 12:38

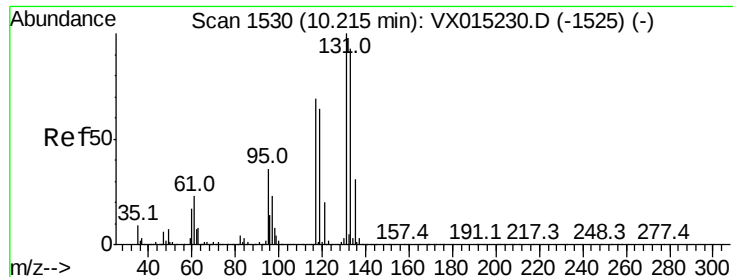
Tgt Ion: 112 Resp: 410494

Ion Ratio Lower Upper

112 100

114 31.5 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 49.756 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

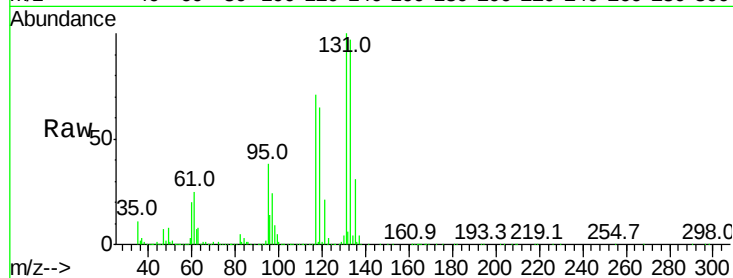
Tgt Ion:131 Resp: 149830

Ion Ratio Lower Upper

131 100

133 96.8 0.0 188.0

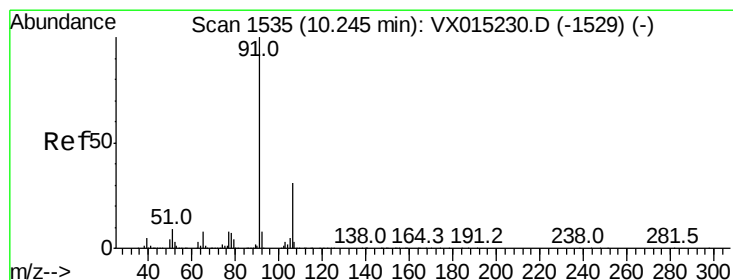
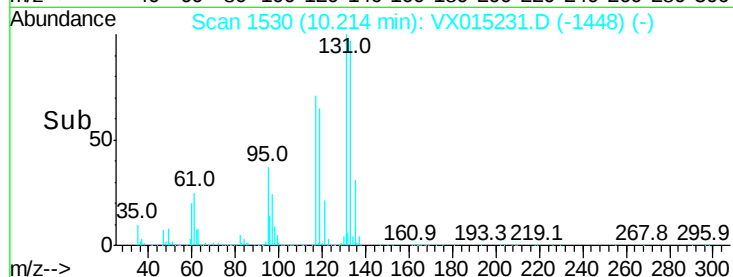
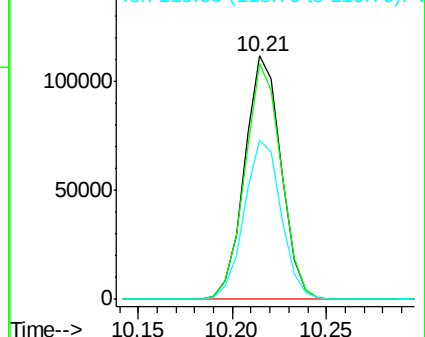
119 66.0 0.0 131.0



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: 51.802 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015231.D

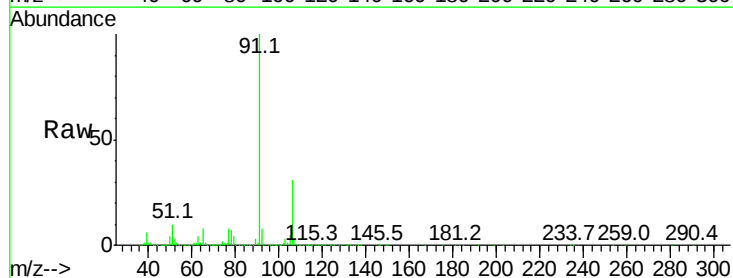
Acq: 12 Mar 2020 12:38

Tgt Ion: 91 Resp: 726802

Ion Ratio Lower Upper

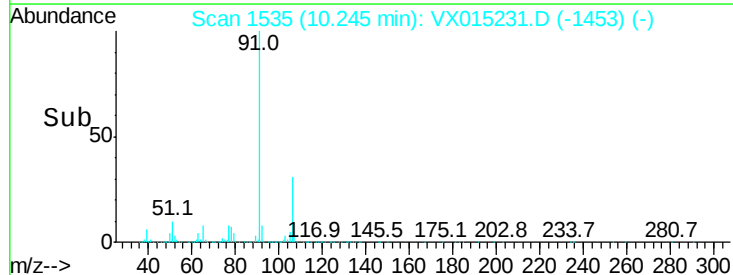
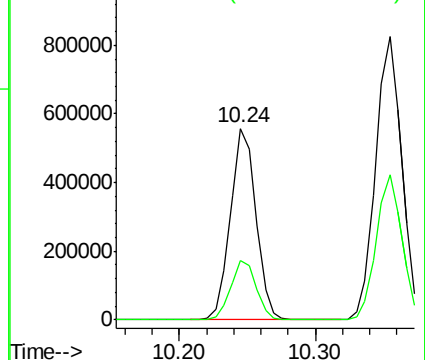
91 100

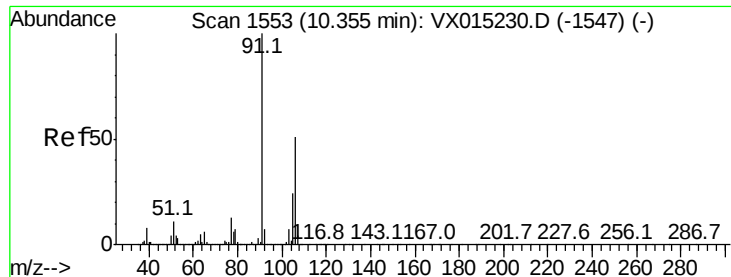
106 31.1 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

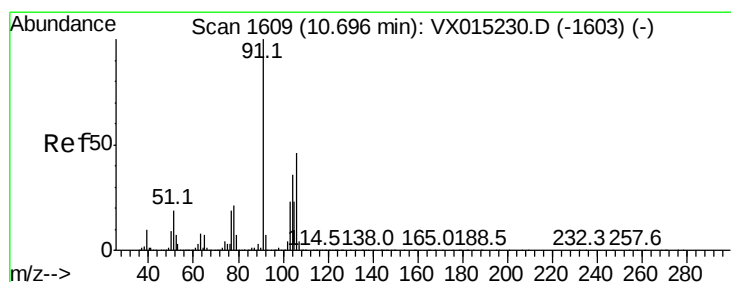
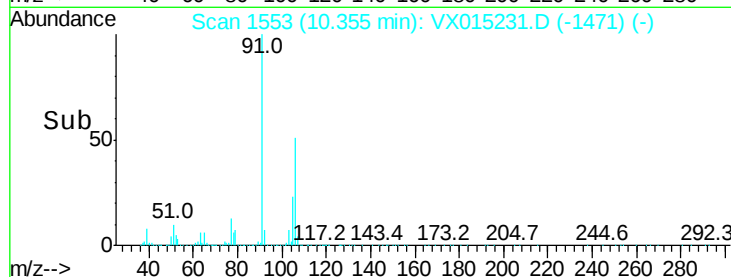
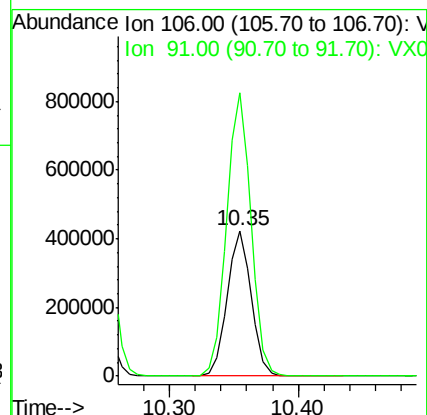
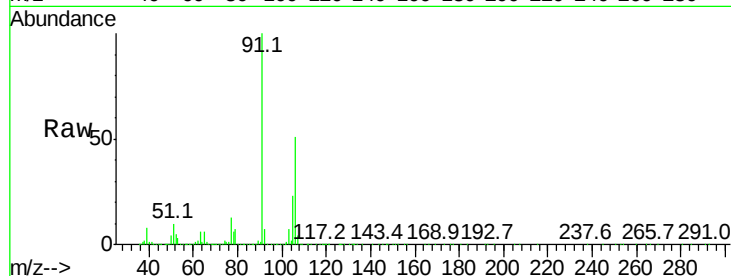




#67
m/p-Xylenes
Concen: 102.821 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

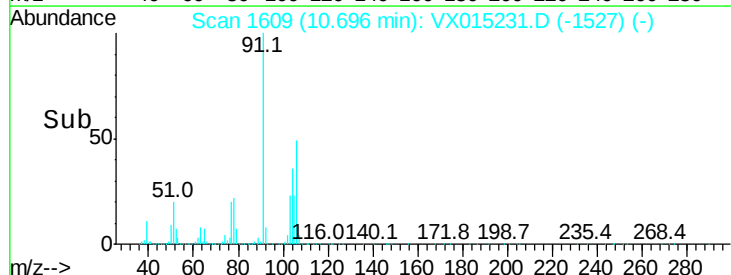
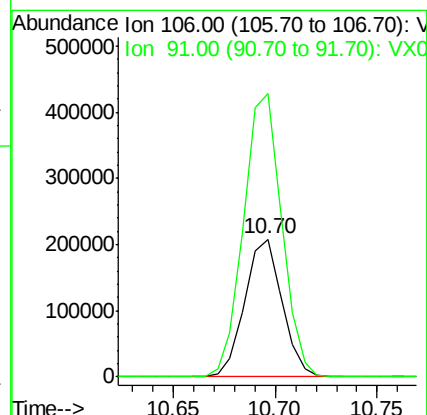
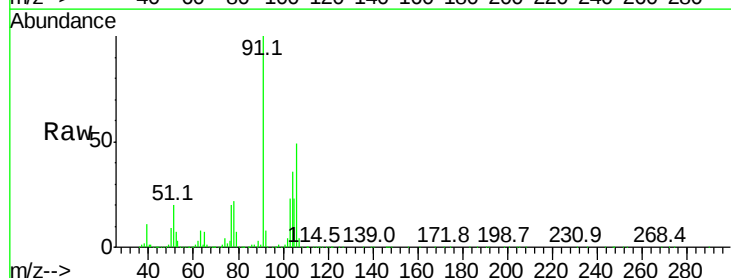
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

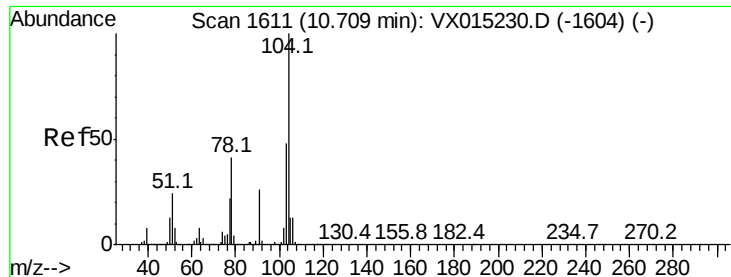
Tgt Ion:106 Resp: 556278
Ion Ratio Lower Upper
106 100
91 197.5 160.1 240.1



#68
o-Xylene
Concen: 50.543 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:106 Resp: 264580
Ion Ratio Lower Upper
106 100
91 210.5 106.4 319.2





#69

Styrene

Concen: 52.417 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

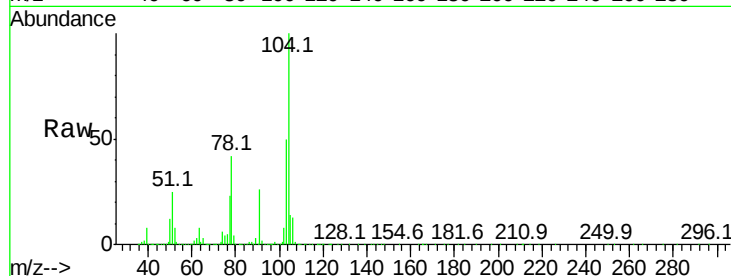
Tgt Ion:104 Resp: 468631

Ion Ratio Lower Upper

104 100

78 48.0 38.9 58.3

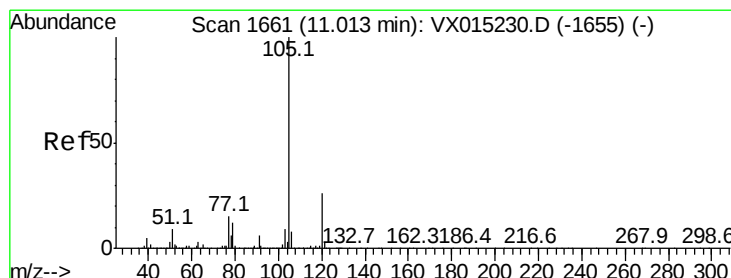
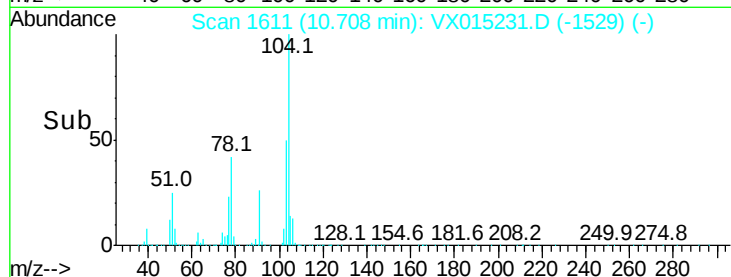
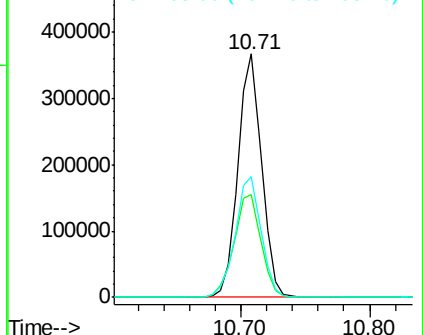
103 54.2 43.2 64.8



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: 50.863 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015231.D

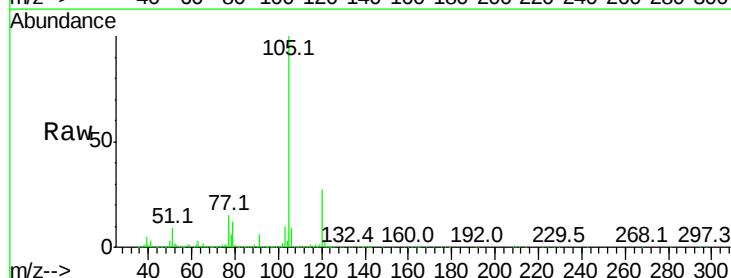
Acq: 12 Mar 2020 12:38

Tgt Ion:105 Resp: 707253

Ion Ratio Lower Upper

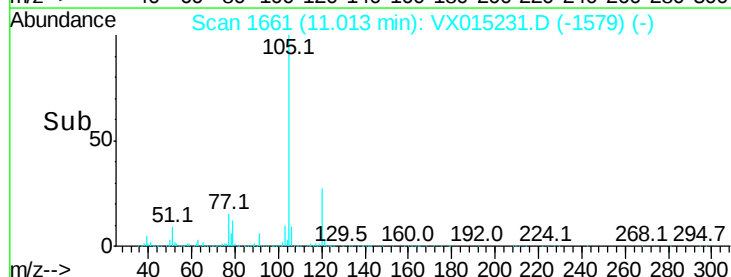
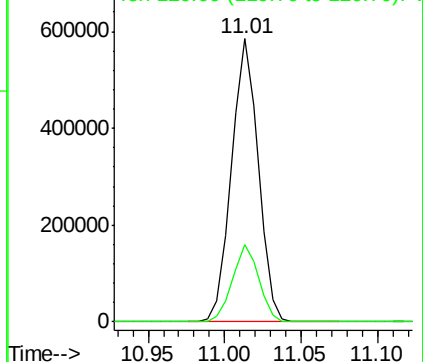
105 100

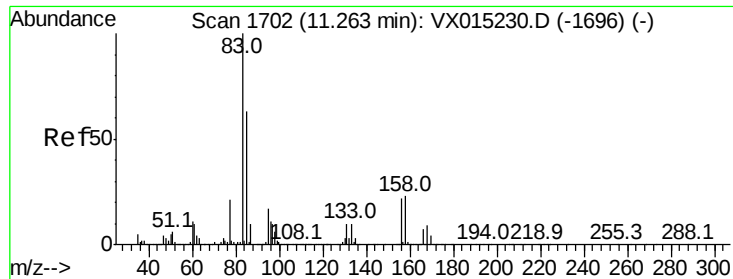
120 26.9 18.6 34.6



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: 49.408 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

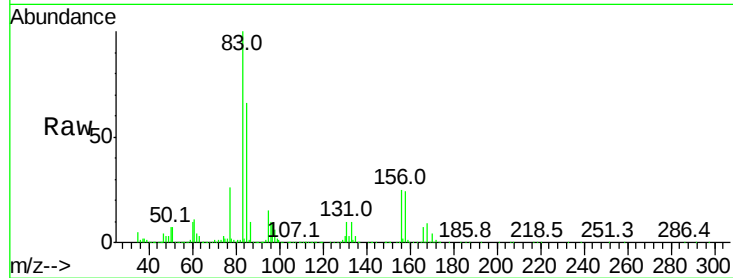
Tgt Ion: 83 Resp: 221200

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

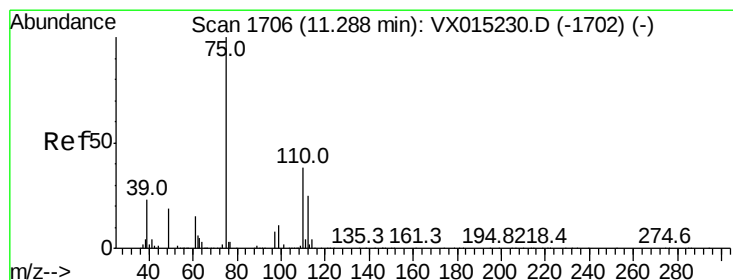
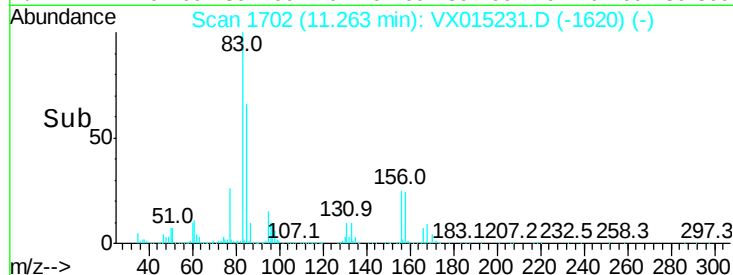
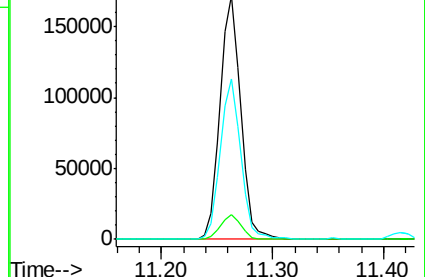
85 65.1 31.8 95.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 70.810 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015231.D

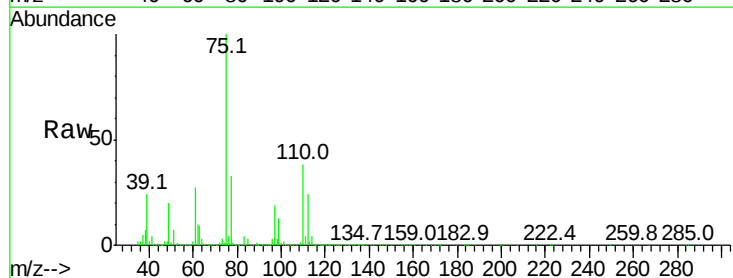
Acq: 12 Mar 2020 12:38

Tgt Ion: 75 Resp: 262961

Ion Ratio Lower Upper

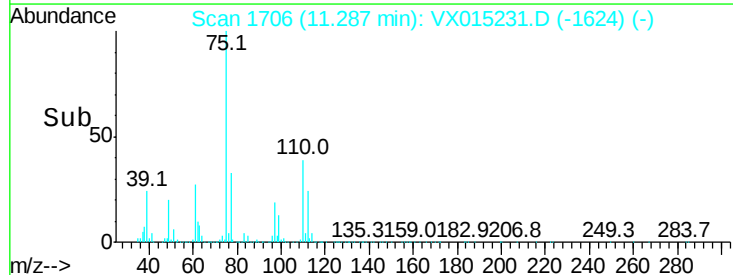
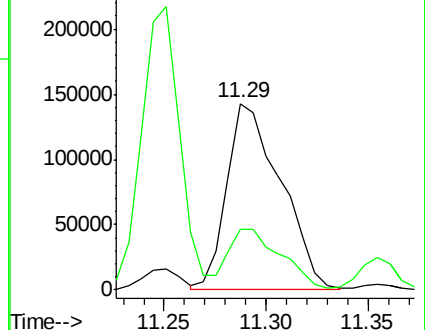
75 100

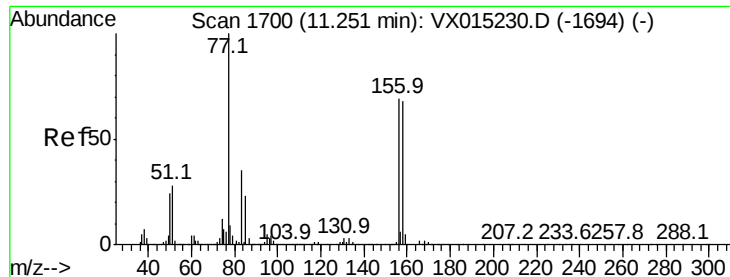
77 31.2 0.0 83.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 49.959 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

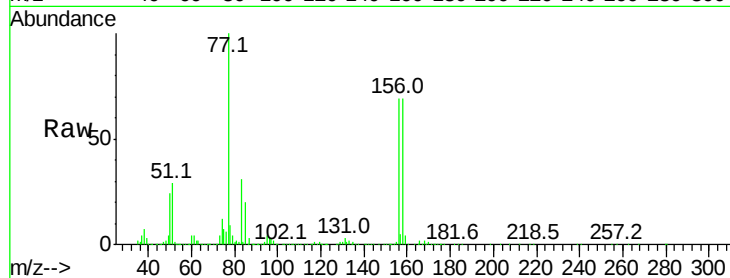
Tgt Ion:156 Resp: 187706

Ion Ratio Lower Upper

156 100

77 150.7 0.0 305.0

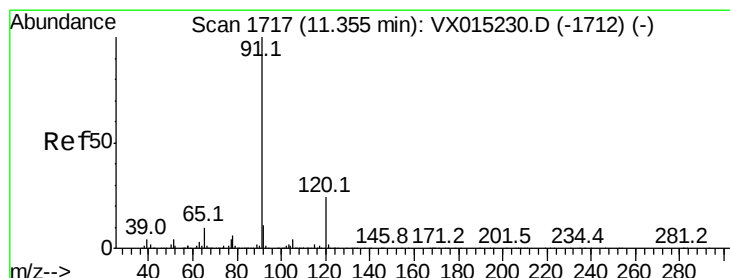
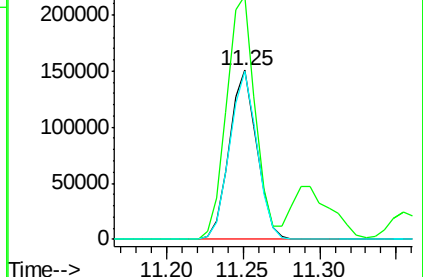
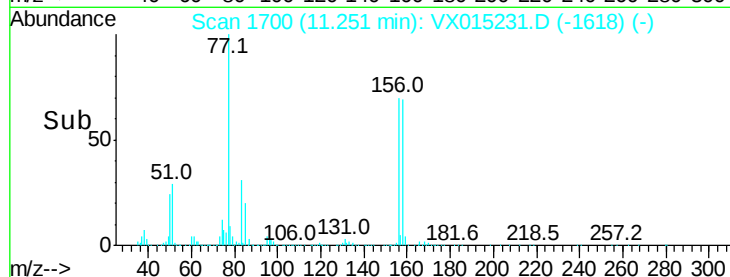
158 98.3 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 52.747 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015231.D

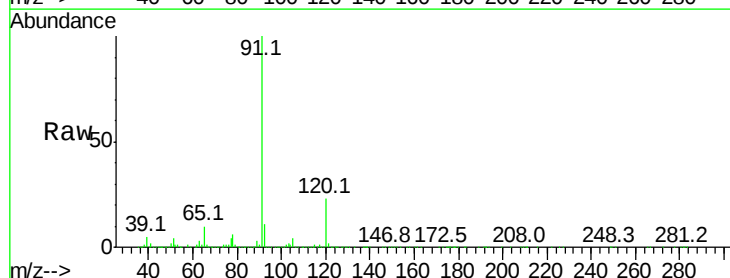
Acq: 12 Mar 2020 12:38

Tgt Ion: 91 Resp: 834763

Ion Ratio Lower Upper

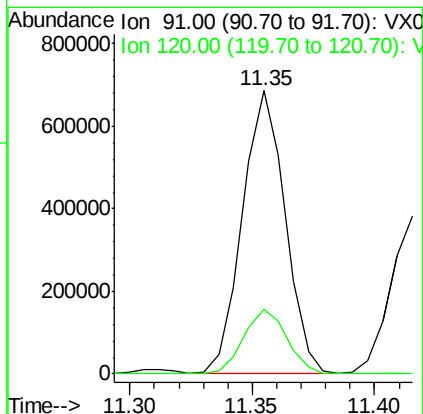
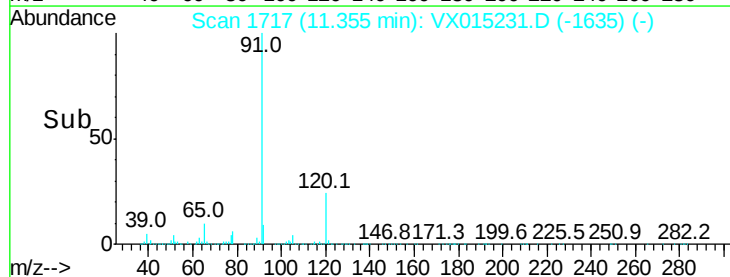
91 100

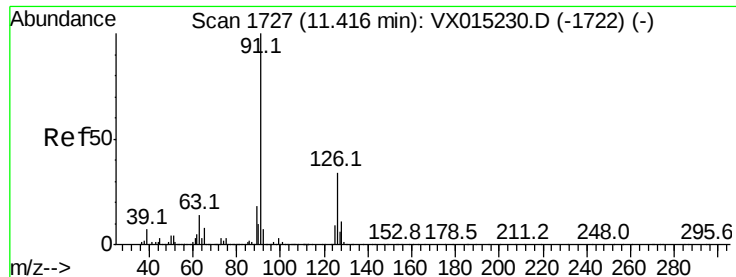
120 23.0 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 51.213 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

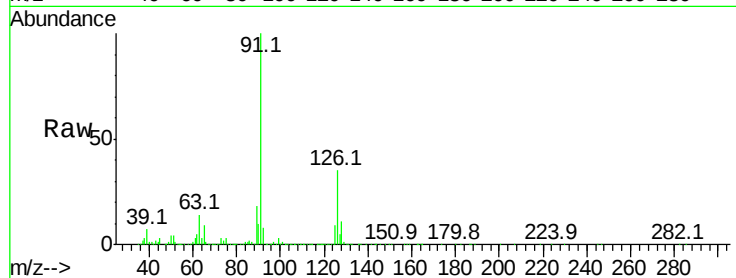
VSTDIC050

Tgt Ion: 91 Resp: 478963

Ion Ratio Lower Upper

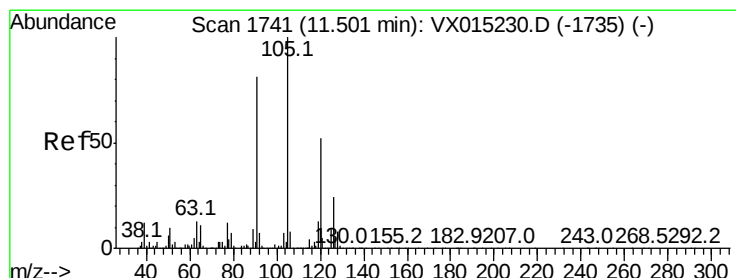
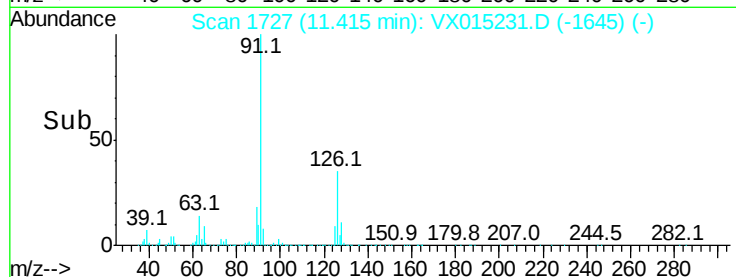
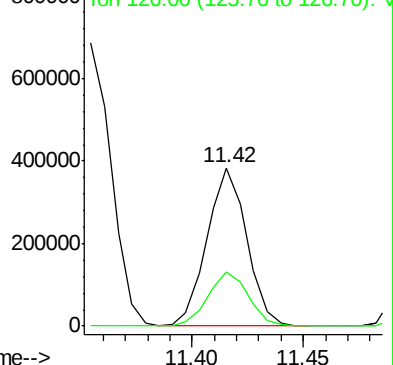
91 100

126 34.8 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 50.777 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015231.D

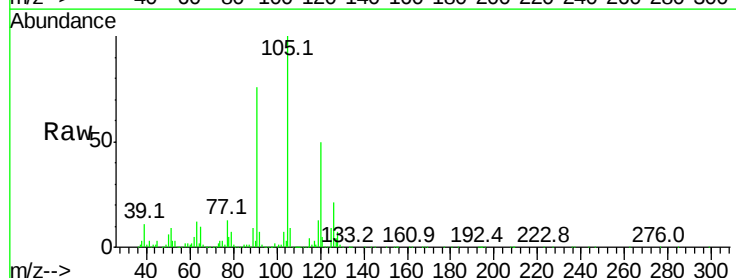
Acq: 12 Mar 2020 12:38

Tgt Ion: 105 Resp: 591723

Ion Ratio Lower Upper

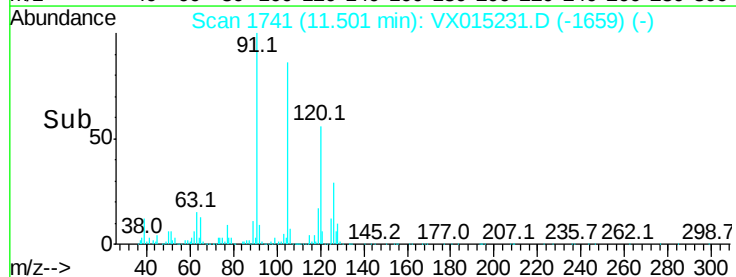
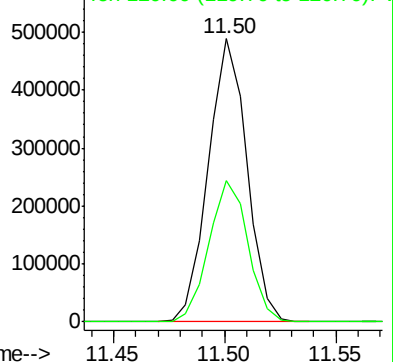
105 100

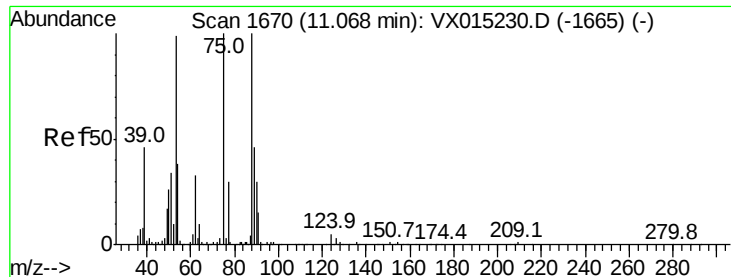
120 50.4 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 52.770 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

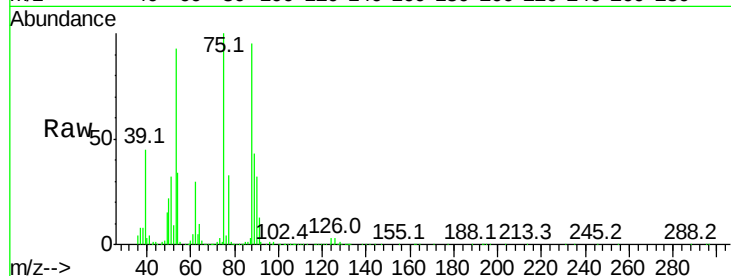
Tgt Ion: 75 Resp: 79022

Ion Ratio Lower Upper

75 100

53 92.9 49.5 148.3

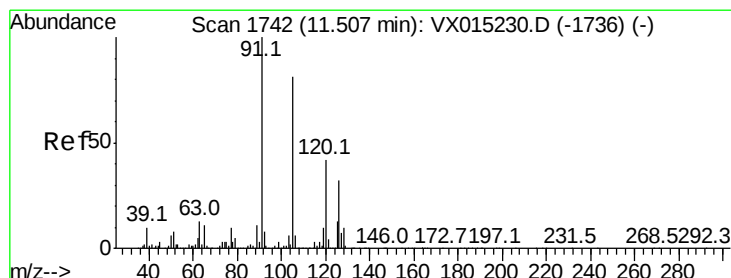
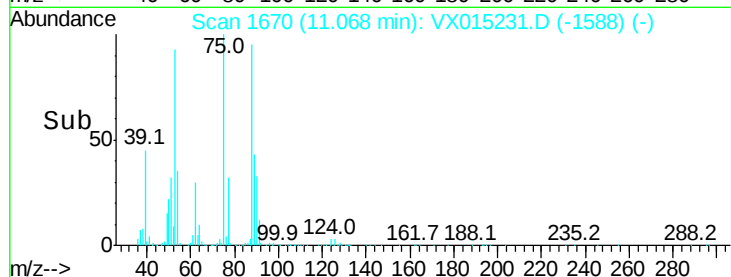
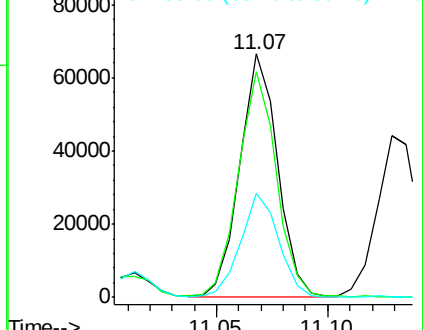
89 42.7 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 51.064 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015231.D

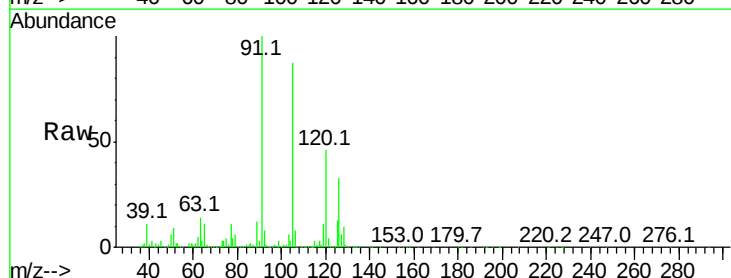
Acq: 12 Mar 2020 12:38

Tgt Ion: 91 Resp: 552409

Ion Ratio Lower Upper

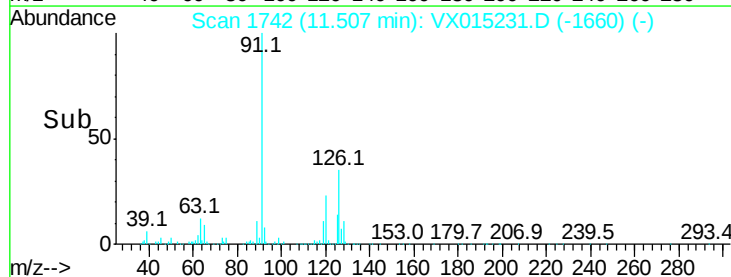
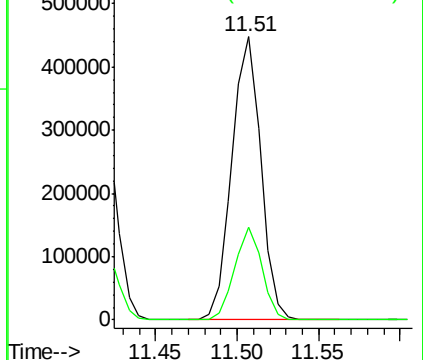
91 100

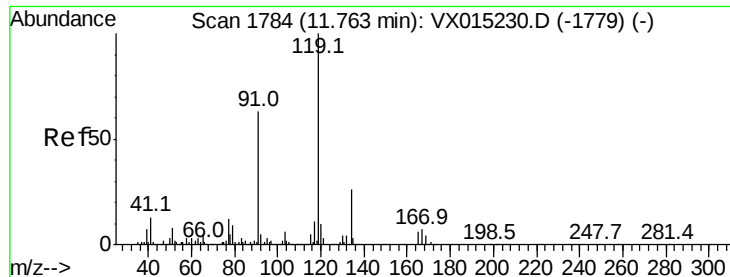
126 31.1 0.0 61.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

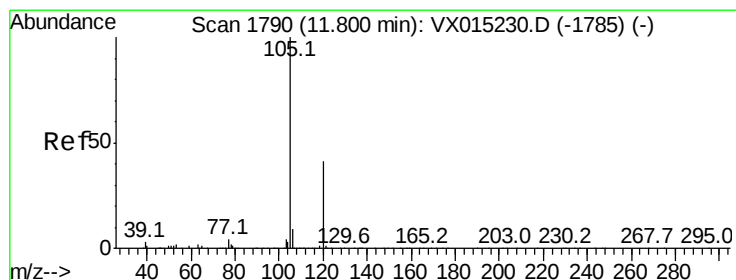
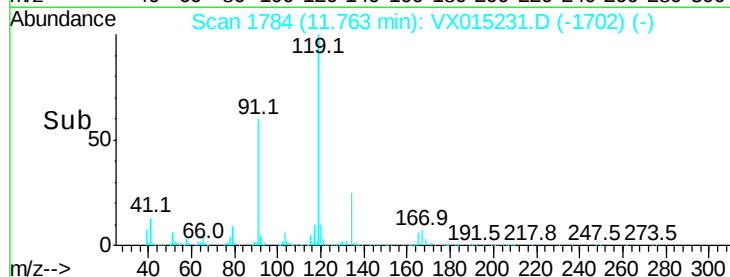
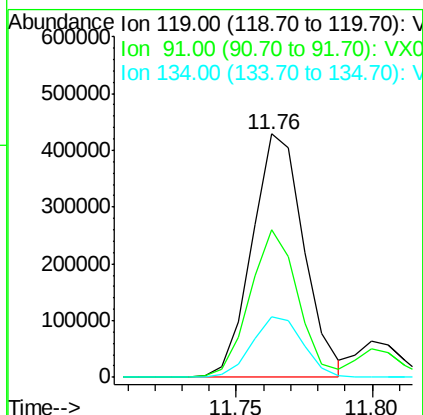
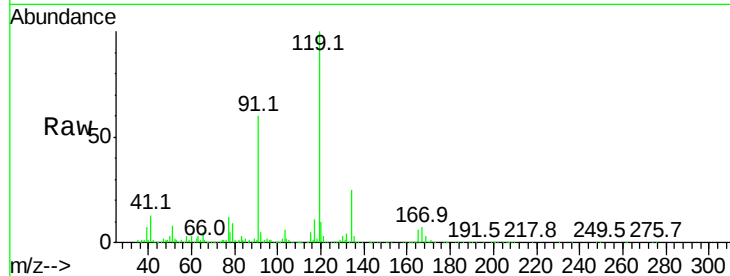




#79
tert-butylbenzene
Concen: 50.320 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

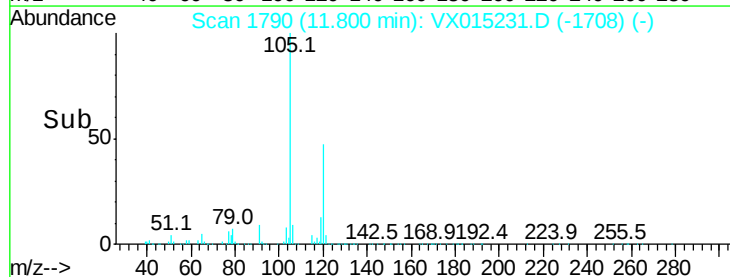
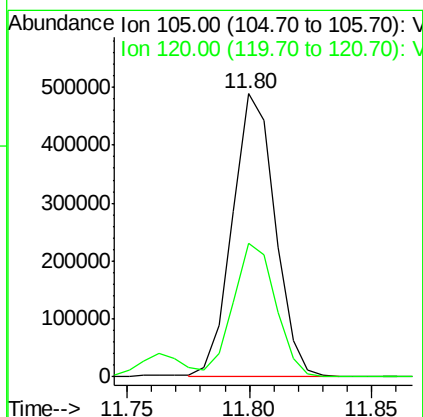
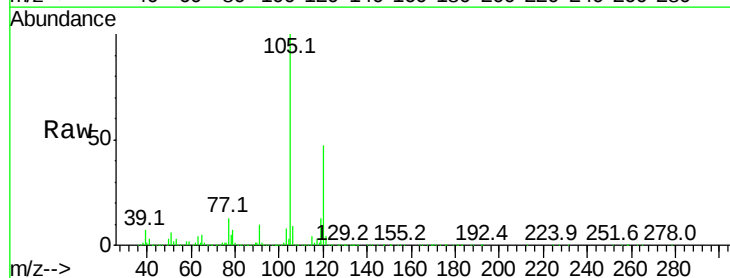
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

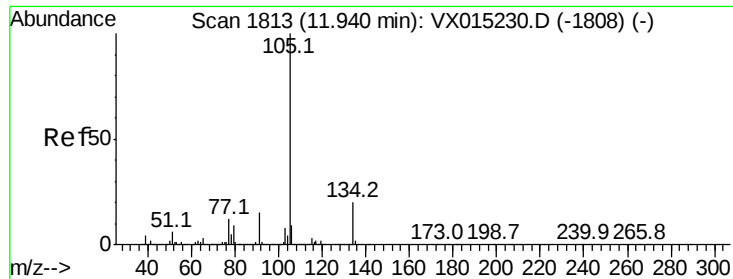
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.2	0.0	115.4
134	24.5	0.0	49.4



#80
1,2,4-Trimethylbenzene
Concen: 51.307 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	93.2

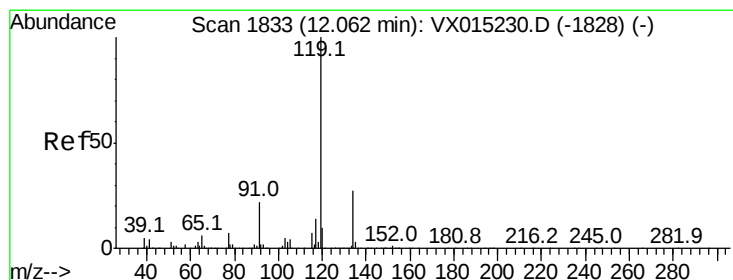
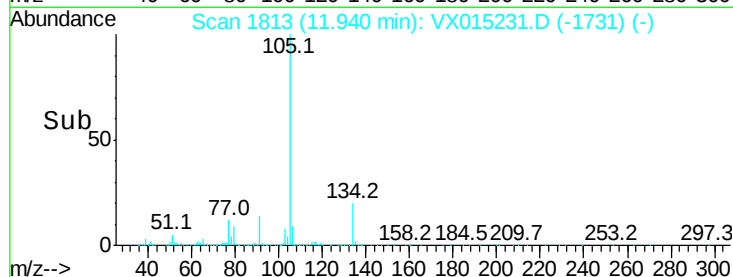
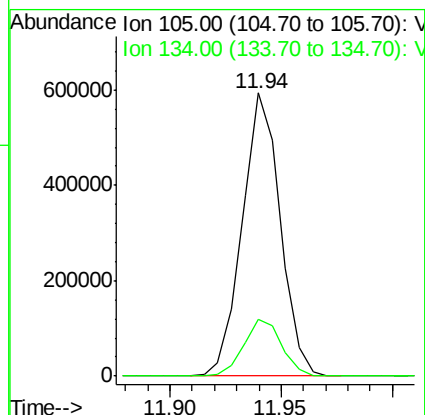
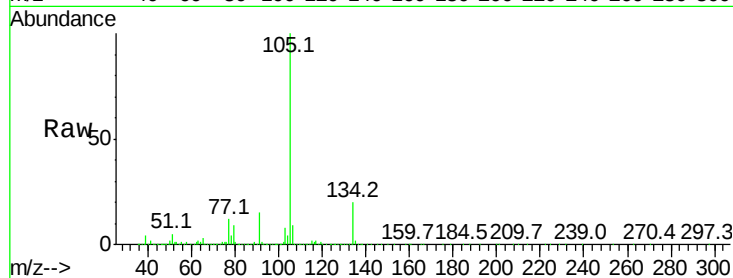




#81
 sec-Butylbenzene
 Concen: 52.340 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

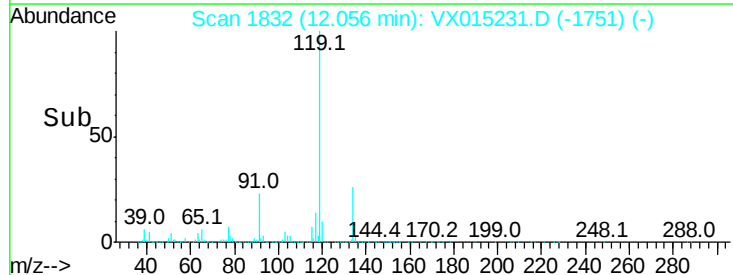
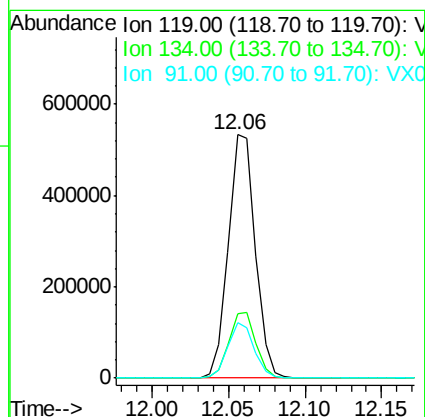
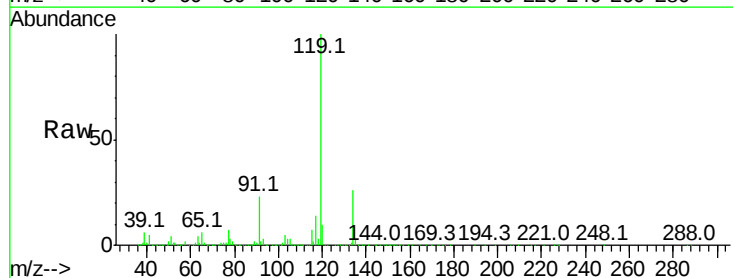
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

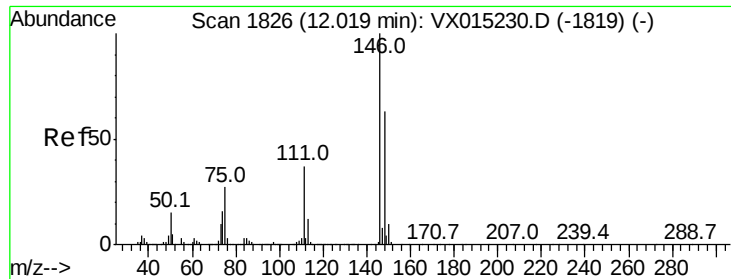
Tgt Ion:105 Resp: 705690
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 52.019 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion:119 Resp: 651589
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.6
 91 22.0 0.0 43.6

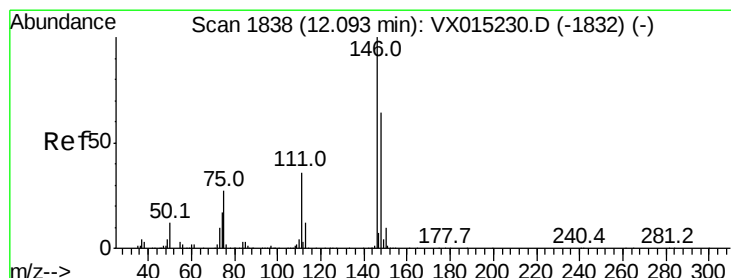
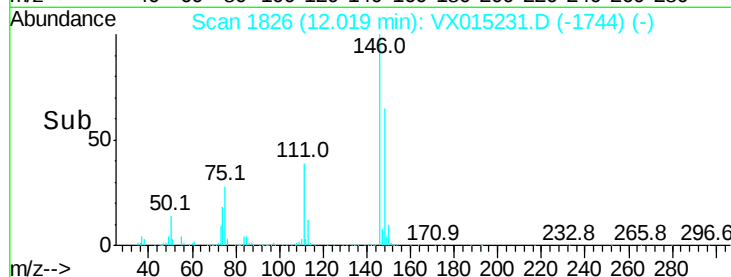
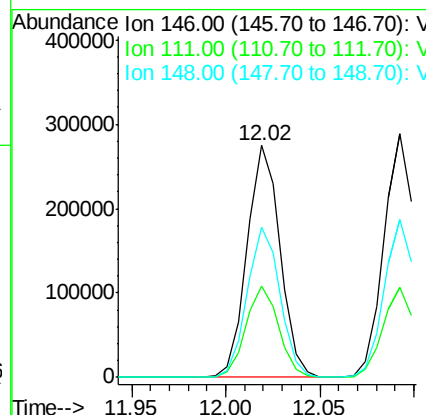
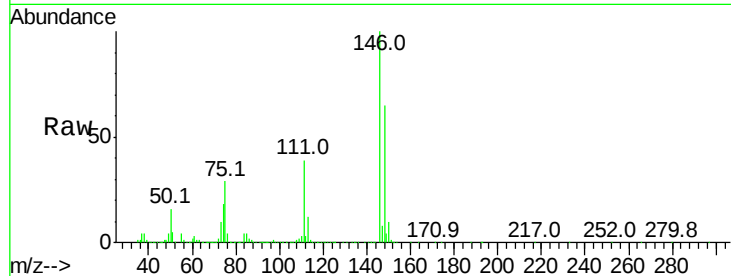




#83
 1,3-Dichlorobenzene
 Concen: 50.819 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

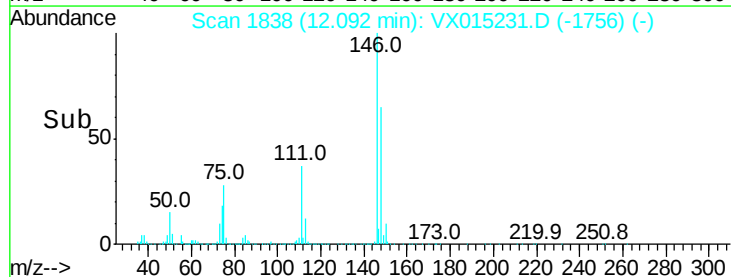
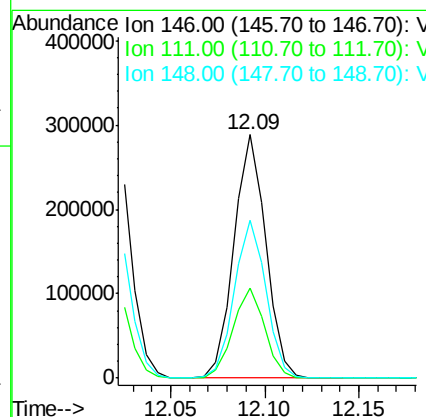
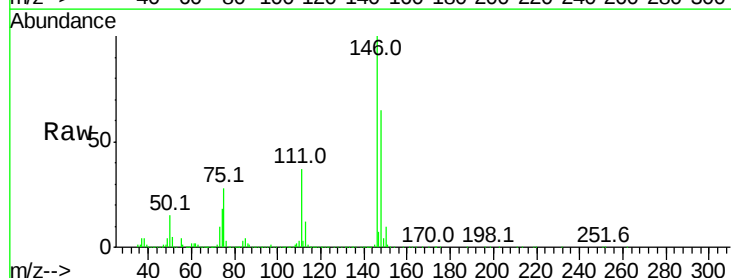
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

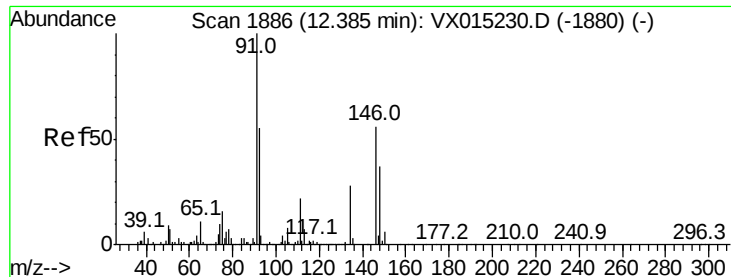
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.4
148	64.4	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 51.084 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.2	31.9	95.9

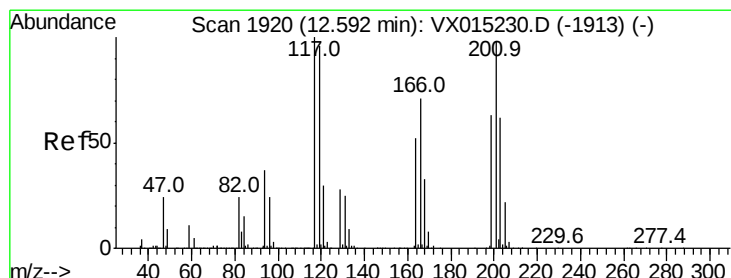
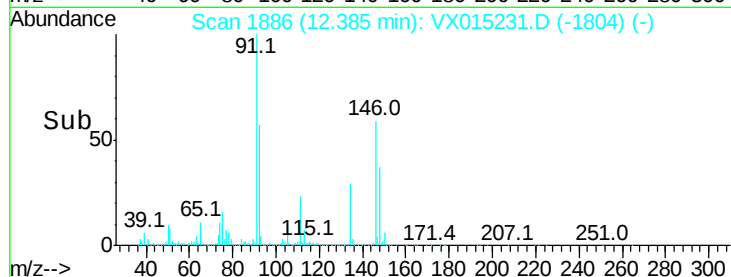
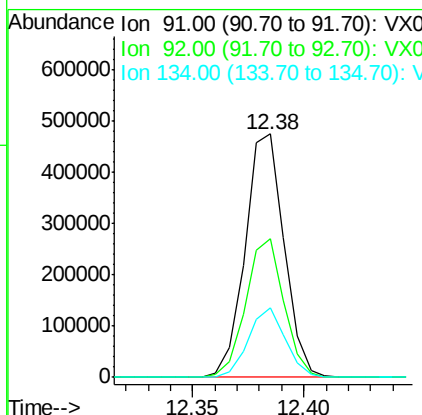
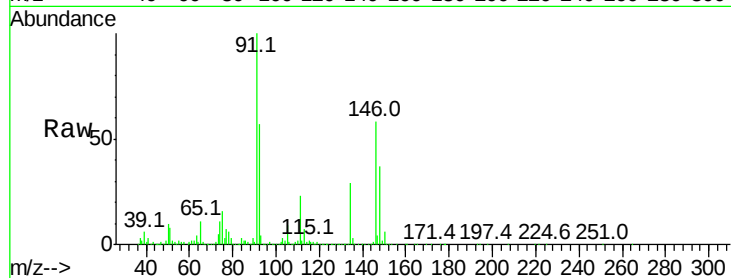




#85
n-Butylbenzene
Concen: 53.269 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

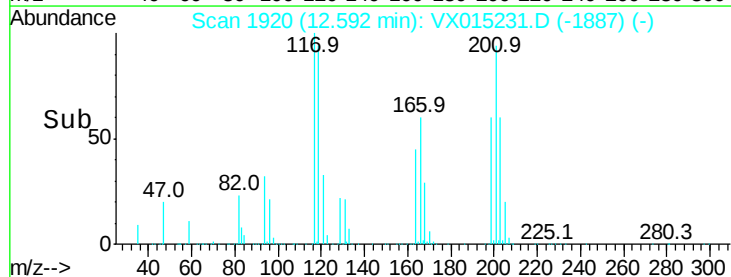
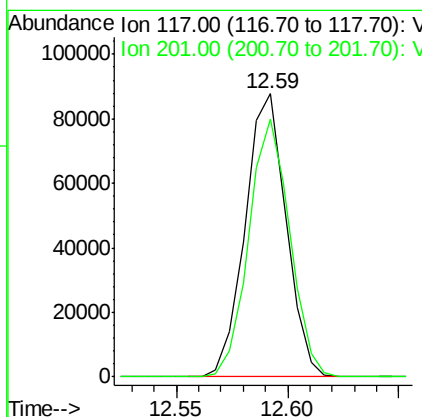
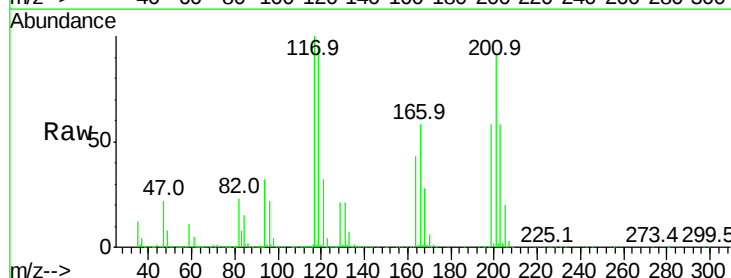
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

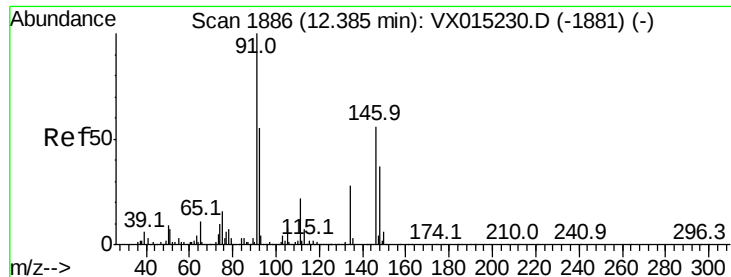
Tgt Ion: 91 Resp: 580639
Ion Ratio Lower Upper
91 100
92 55.7 0.0 109.4
134 27.1 0.0 53.0



#86
Hexachloroethane
Concen: 49.766 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 117 Resp: 112675
Ion Ratio Lower Upper
117 100
201 90.9 47.8 143.3

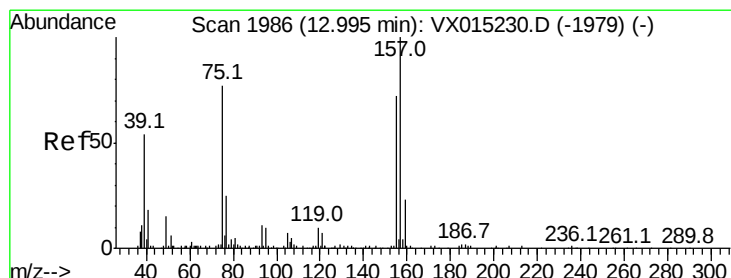
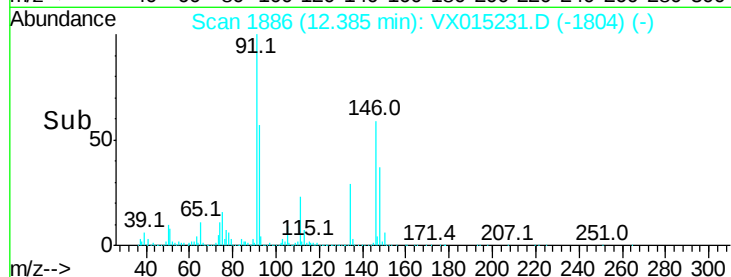
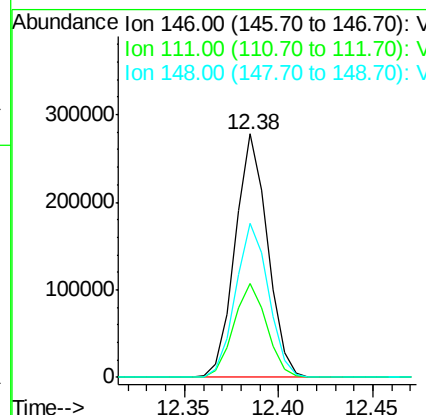
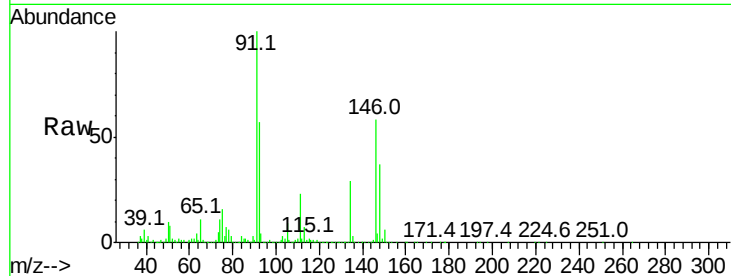




#87
 1,2-Dichlorobenzene
 Concen: 50.660 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

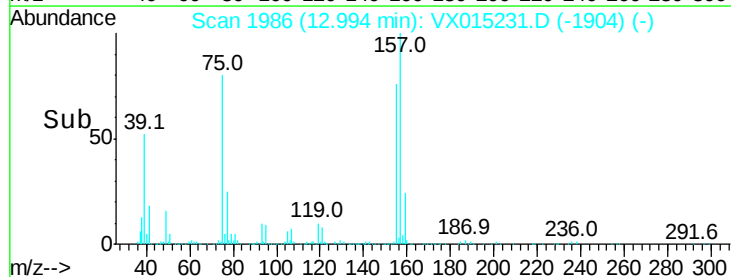
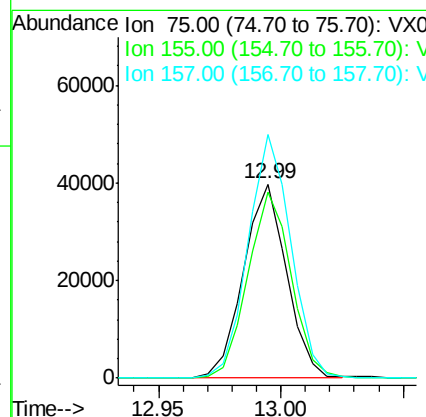
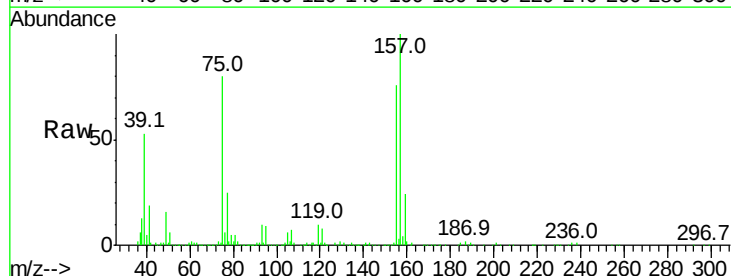
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

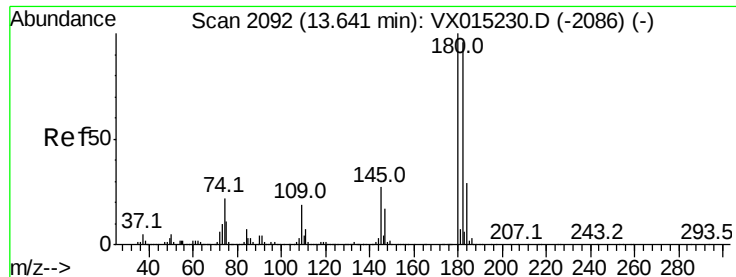
Tgt Ion:146 Resp: 332028
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.4
 148 64.4 32.4 97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.609 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion: 75 Resp: 48371
 Ion Ratio Lower Upper
 75 100
 155 96.9 77.5 116.3
 157 125.4 103.0 154.4





#89

1,2,4-Trichlorobenzene

Concen: 52.538 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

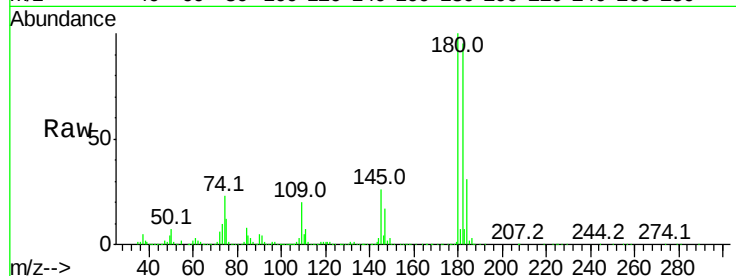
Tgt Ion:180 Resp: 247619

Ion Ratio Lower Upper

180 100

182 96.8 76.6 115.0

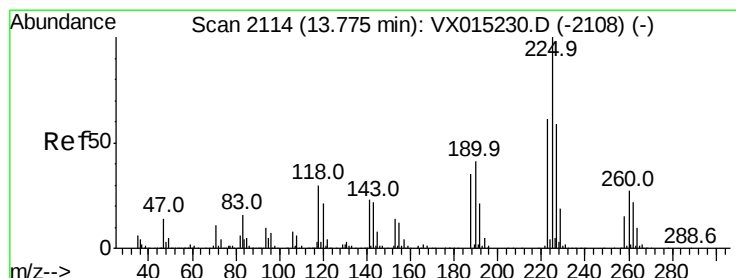
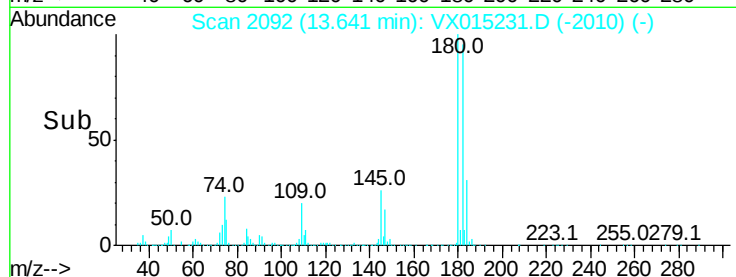
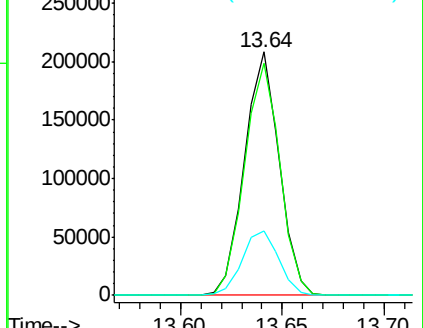
145 27.9 22.7 34.1



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: 52.198 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

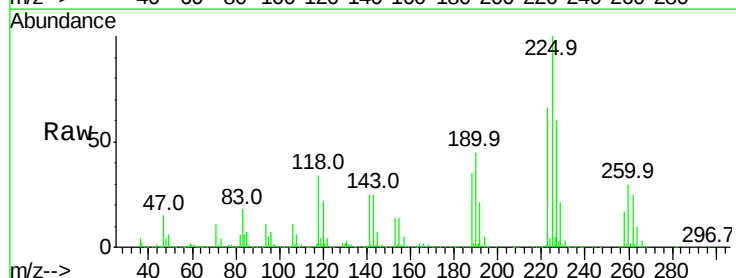
Tgt Ion:225 Resp: 122180

Ion Ratio Lower Upper

225 100

223 64.4 0.0 125.0

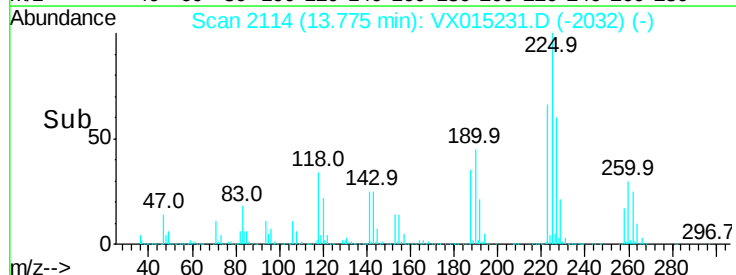
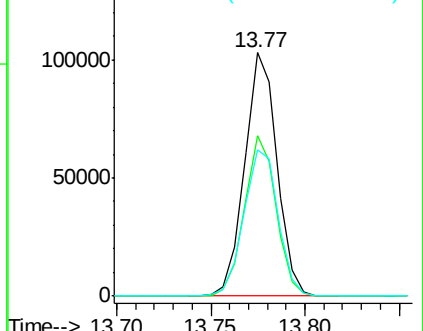
227 63.7 0.0 126.2

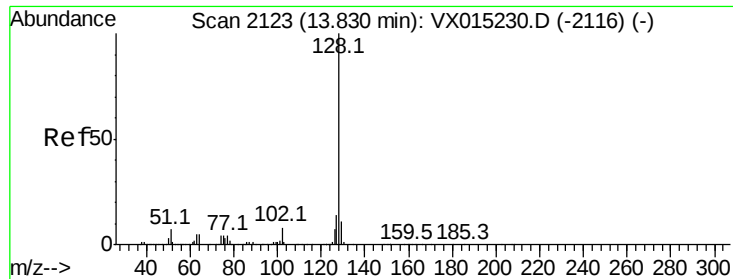


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

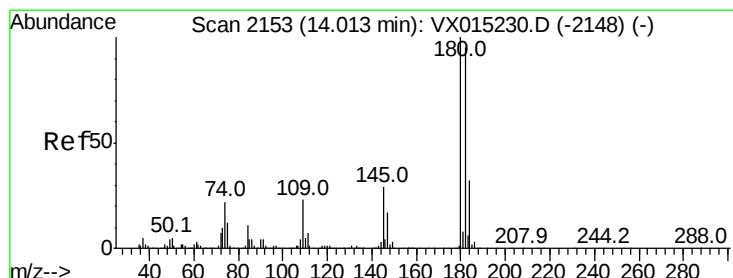
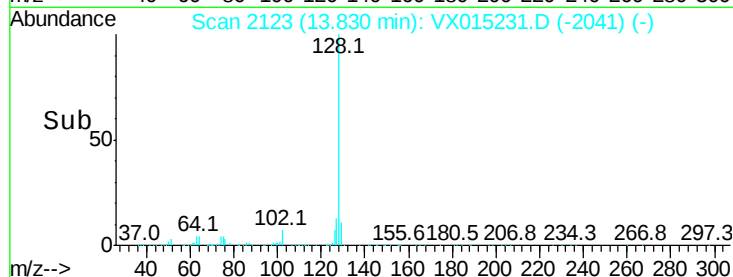
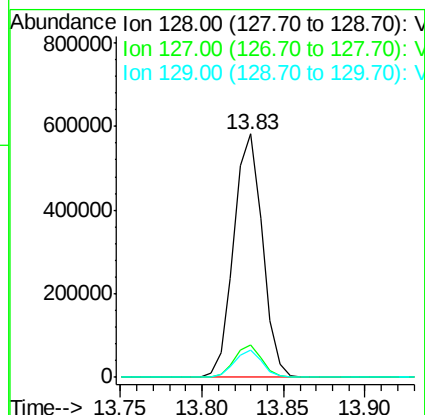
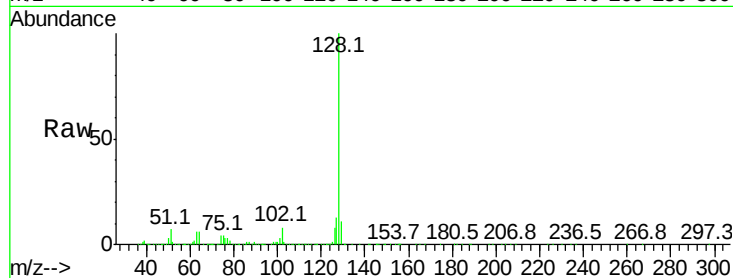




#91
Naphthalene
Concen: 53.514 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:	128	Resp:	714071
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.9	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 54.009 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:	180	Resp:	252727
Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	192.0
145	29.6	0.0	60.0

