

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
 Data File : VX014609.D
 Acq On : 15 Jan 2020 10:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 15 12:10:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	84944	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	458907	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	417232	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	180365	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	194465	28.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.20%
63) Toluene-d8	8.71	98	579647	31.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	24234	5.648 ug/l	98
3) Chloromethane	1.32	50	28815	4.765 ug/l	96
4) Vinyl Chloride	1.40	62	31002	5.001 ug/l	96
5) Bromomethane	1.63	94	22110	4.879 ug/l	100
6) Chloroethane	1.72	64	20136	5.258 ug/l	98
7) Trichlorofluoromethane	1.92	101	41450	5.373 ug/l	98
8) Diethyl Ether	2.18	74	17260	4.868 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	23135	5.028 ug/l	96
10) 1,1-Dichloroethene	2.36	96	22677	4.767 ug/l	94
11) Methyl Iodide	2.50	142	22929	3.745 ug/l	99
12) Methyl Acetate	2.76	43	36760	4.992 ug/l	100
13) Acrolein	2.28	56	24426	27.349 ug/l	95
14) Acrylonitrile	3.13	53	66658	23.156 ug/l	98
15) Acetone	2.43	58	21227	25.101 ug/l	89
16) Carbon Disulfide	2.56	76	58601	4.548 ug/l	96
17) Allyl chloride	2.72	41	41400	4.844 ug/l	97
18) Methylene Chloride	2.84	84	28346	4.863 ug/l	93
19) trans-1,2-Dichloroethene	3.16	96	24379	4.680 ug/l	89
20) Diisopropyl ether	3.84	45	82256	4.690 ug/l	# 81
21) 1,1-Dichloroethane	3.69	63	46355	4.870 ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	28588	4.734 ug/l	96
23) tert-Butyl Alcohol	3.03	59	32218	28.534 ug/l	100
24) Methyl tert-Butyl Ether	3.18	73	74190	4.617 ug/l	93
25) Chloroform	5.20	83	45871	5.055 ug/l	89
26) Cyclohexane	5.57	56	41152	4.848 ug/l	# 97
29) 1,1-Dichloropropene	5.79	75	32529	4.907 ug/l	98
30) 2-Butanone	4.66	43	101260	25.917 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	37660	5.136 ug/l	98
33) Carbon Tetrachloride	5.78	117	31391	5.037 ug/l	92
34) Benzene	6.13	78	103245	4.995 ug/l	98
35) Methacrylonitrile	5.03	41	19724	4.694 ug/l	91
37) Trichloroethene	7.20	130	28460	5.060 ug/l	98
38) Methylcyclohexane	7.45	83	38787	4.905 ug/l	99
39) 1,2-Dichloropropane	7.50	63	27199	5.067 ug/l	100
40) Dibromomethane	7.65	93	17418	5.079 ug/l	98
41) Bromodichloromethane	7.89	83	32608	4.911 ug/l	94
42) Vinyl Acetate	3.80	43	325522	23.598 ug/l	99

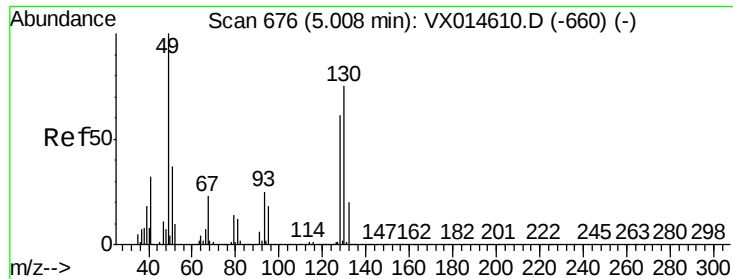
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
 Data File : VX014609.D
 Acq On : 15 Jan 2020 10:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jan 15 12:10:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.82	43	36553	4.876	ug/l	97
44) Isopropyl Acetate	6.43	43	57408	4.572	ug/l	99
45) 1,4-Dioxane	7.73	88	13211	112.350	ug/l	93
46) Methyl methacrylate	7.76	41	27078	4.440	ug/l	93
47) n-amyl Acetate	10.89	43	42431	3.800	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	30929	4.268	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	37148	4.558	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	26319	4.973	ug/l	99
51) Ethyl methacrylate	9.17	69	36240	4.305	ug/l	94
52) 1,3-Dichloropropane	9.37	76	44883	4.991	ug/l	98
53) Dibromochloromethane	9.57	129	24539	4.637	ug/l	98
54) 1,2-Dibromoethane	9.67	107	26192	4.806	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	95317	25.684	ug/l	99
56) Bromoform	10.85	173	17253	4.180	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	187718	24.046	ug/l	99
59) 2-Hexanone	9.48	43	136145	22.980	ug/l	100
61) Tetrachloroethene	9.33	164	30286	5.487	ug/l	93
62) Toluene	8.78	91	110915	4.998	ug/l	99
64) Chlorobenzene	10.14	112	68375	4.918	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	24578	4.774	ug/l	98
66) Ethyl Benzene	10.25	91	115013	4.736	ug/l	98
67) m/p-Xylenes	10.36	106	85764	9.239	ug/l	97
68) o-Xylene	10.69	106	42345	4.604	ug/l	99
69) Styrene	10.71	104	66651	4.262	ug/l	98
70) Isopropylbenzene	11.01	105	111746	4.702	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	38307	4.545	ug/l	95
72) 1,2,3-Trichloropropane	11.29	75	41011	5.467	ug/l	98
73) Bromobenzene	11.25	156	30831	4.860	ug/l	96
74) n-propylbenzene	11.35	91	123819	4.594	ug/l	98
75) 2-Chlorotoluene	11.42	91	79774	4.898	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	89239	4.426	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	9344	3.772	ug/l	98
78) 4-Chlorotoluene	11.51	91	86922	4.670	ug/l	100
79) tert-butylbenzene	11.76	119	87351	4.495	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	90137	4.471	ug/l	98
81) sec-Butylbenzene	11.94	105	106389	4.603	ug/l	99
82) p-Isopropyltoluene	12.06	119	92894	4.454	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	51018	4.614	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	51072	4.638	ug/l	98
85) n-Butylbenzene	12.39	91	76386	4.356	ug/l	99
86) Hexachloroethane	12.59	117	15958	4.217	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	53190	4.736	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	7322	4.359	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	30098	4.193	ug/l	95
90) Hexachlorobutadiene	13.78	225	17319	5.076	ug/l	99
91) Naphthalene	13.83	128	85236	3.951	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	32410	4.451	ug/l	97

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

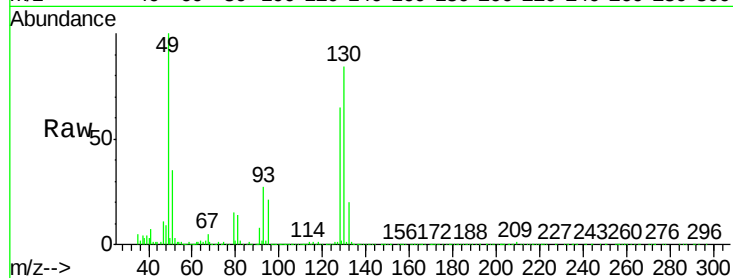
Tgt Ion:128 Resp: 84944

Ion Ratio Lower Upper

128 100

49 159.4 0.0 405.0

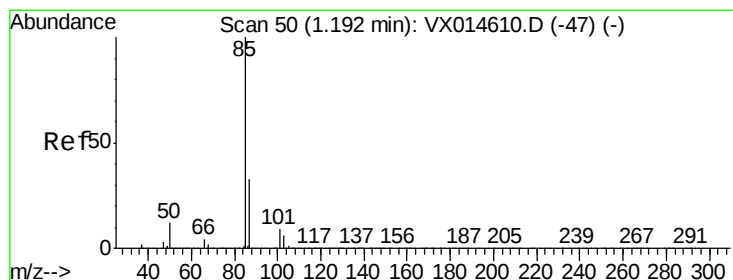
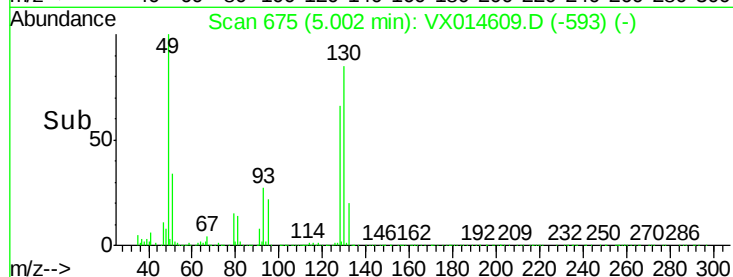
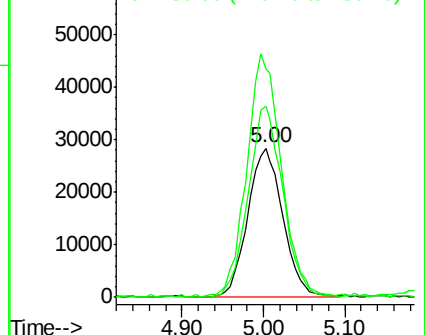
130 126.9 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 5.648 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014609.D

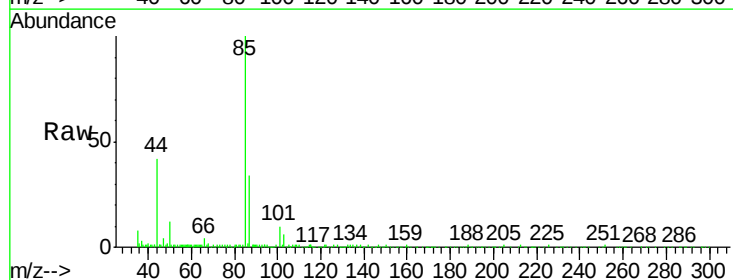
Acq: 15 Jan 2020 10:47

Tgt Ion: 85 Resp: 24234

Ion Ratio Lower Upper

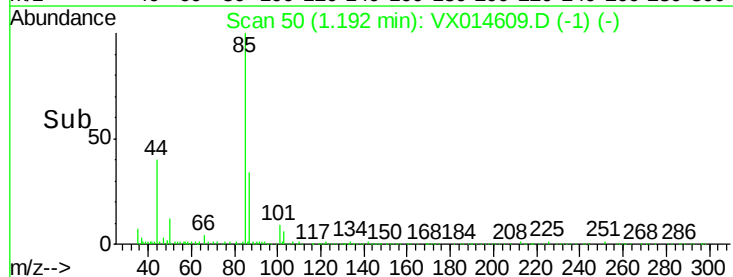
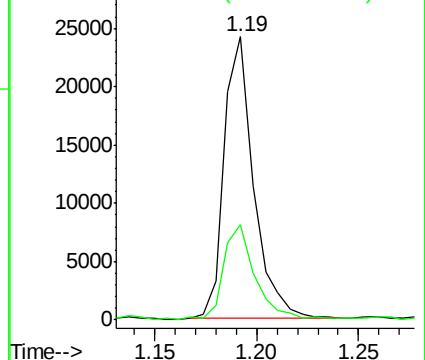
85 100

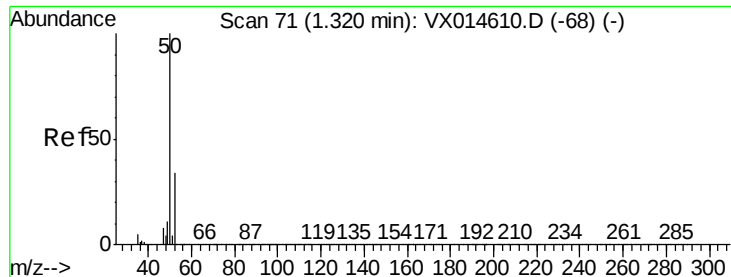
87 33.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 4.765 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

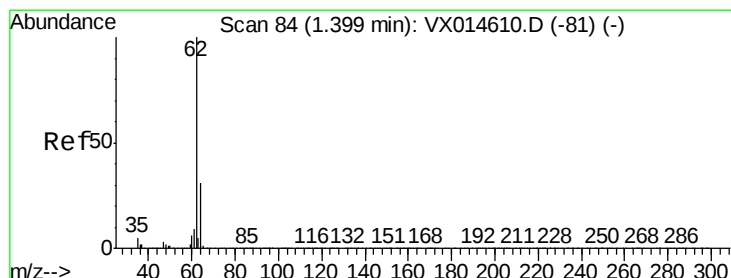
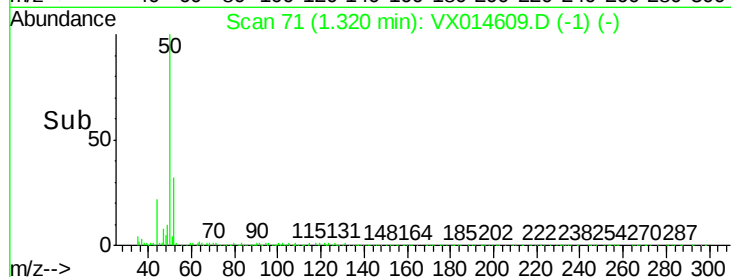
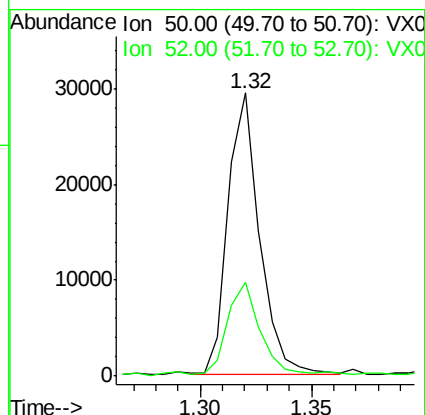
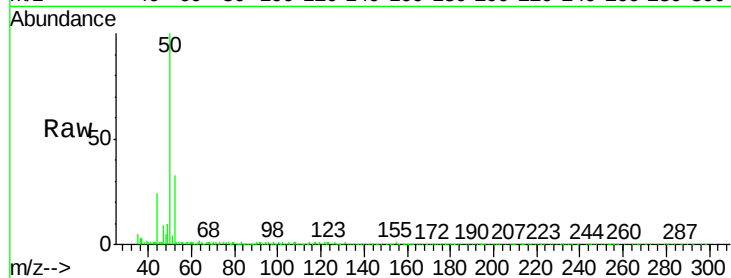
VSTDIC005

Tgt Ion: 50 Resp: 28815

Ion Ratio Lower Upper

50 100

52 32.6 24.3 36.5



#4

Vinyl Chloride

Concen: 5.001 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014609.D

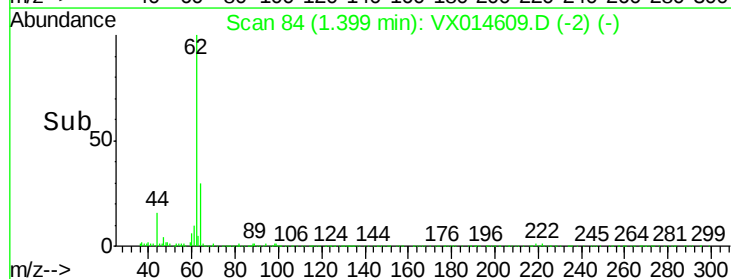
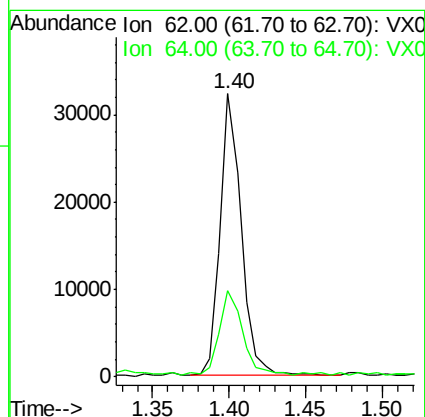
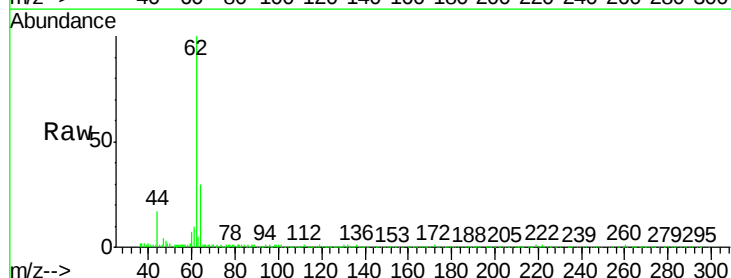
Acq: 15 Jan 2020 10:47

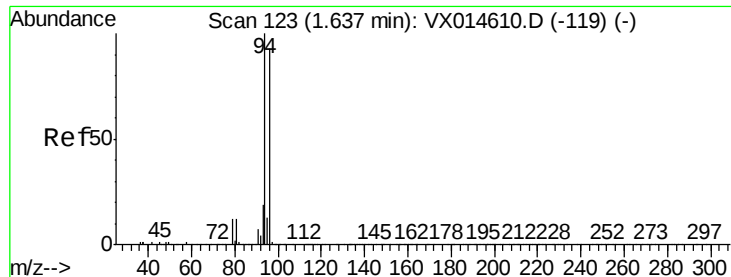
Tgt Ion: 62 Resp: 31002

Ion Ratio Lower Upper

62 100

64 29.2 25.2 37.8





#5

Bromomethane

Concen: 4.879 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampled :

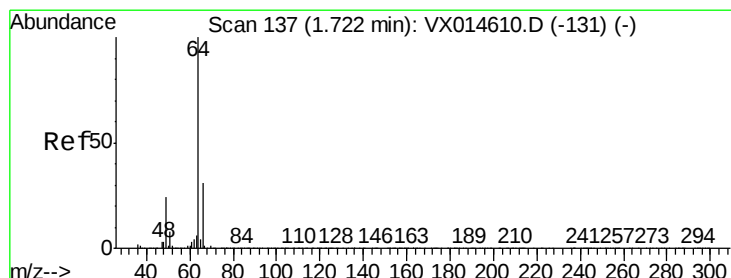
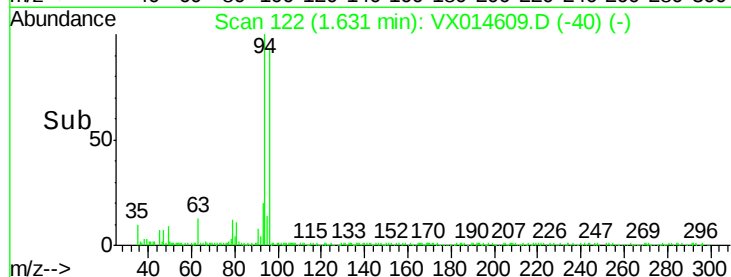
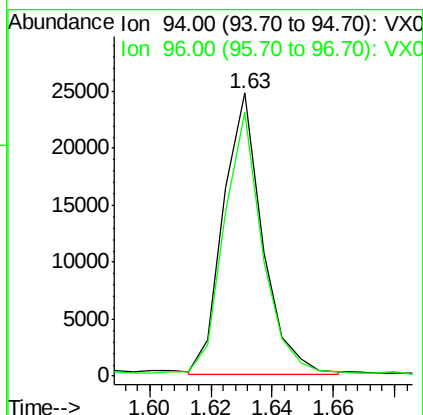
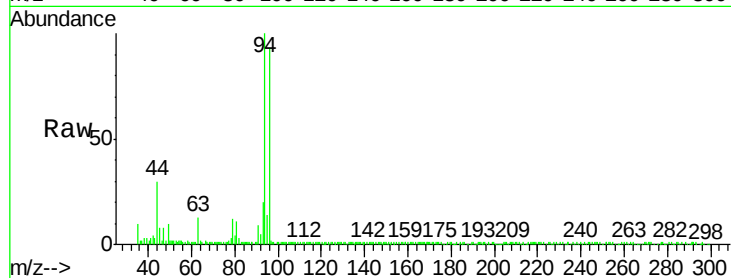
VSTDIC005

Tgt Ion: 94 Resp: 22110

Ion Ratio Lower Upper

94 100

96 93.4 74.4 111.6



#6

Chloroethane

Concen: 5.258 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014609.D

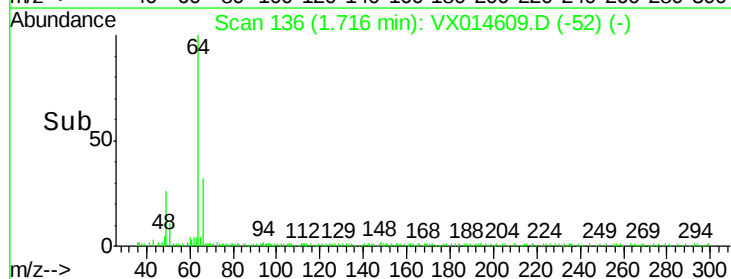
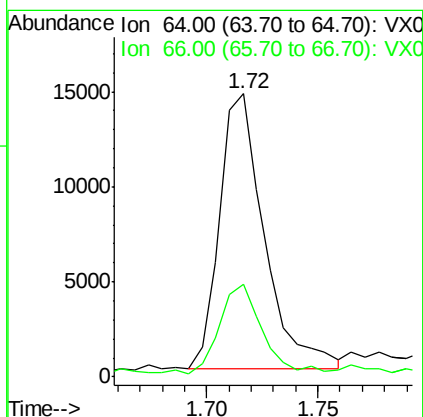
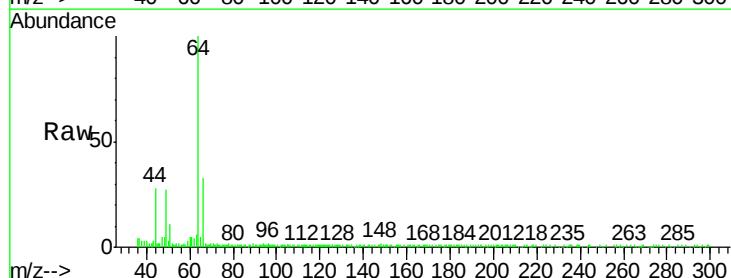
Acq: 15 Jan 2020 10:47

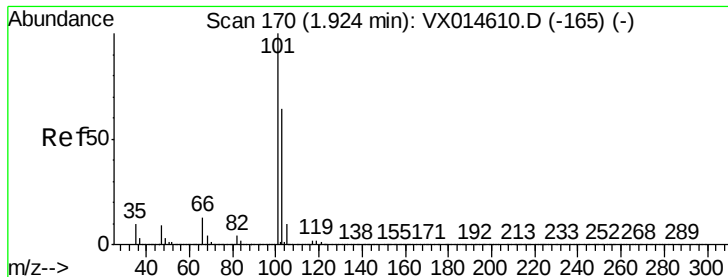
Tgt Ion: 64 Resp: 20136

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



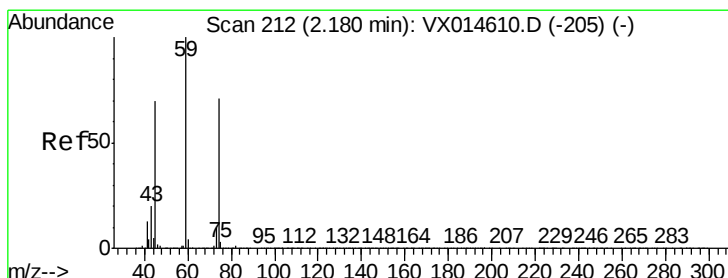
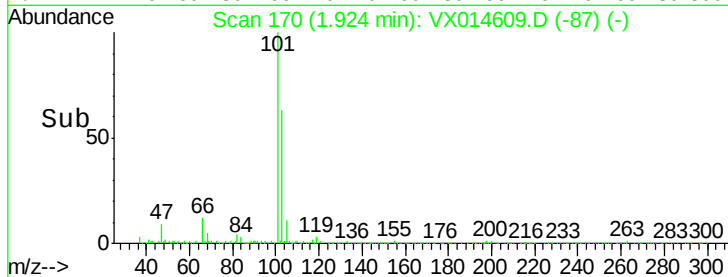
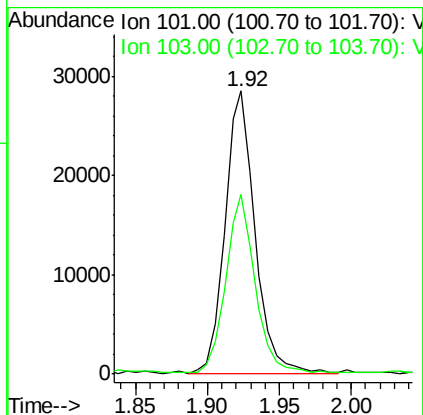
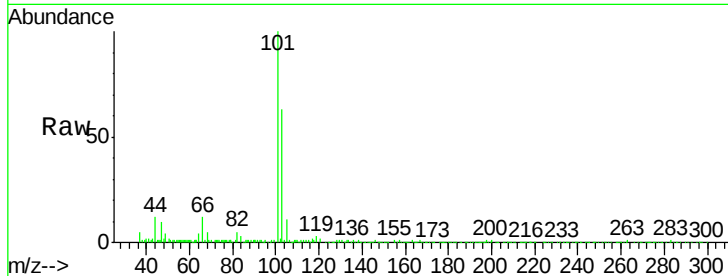


#7

Trichlorofluoromethane
Concen: 5.373 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

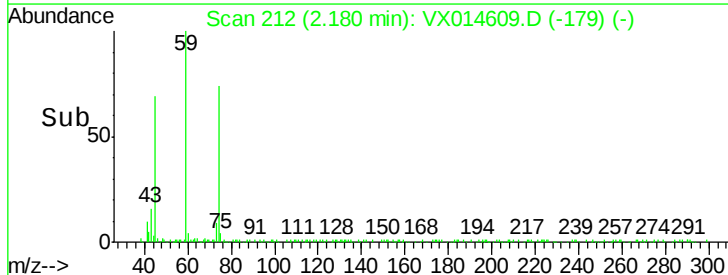
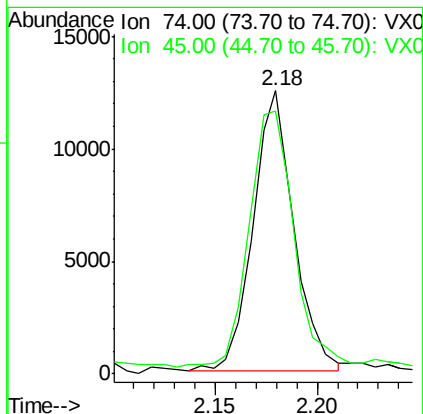
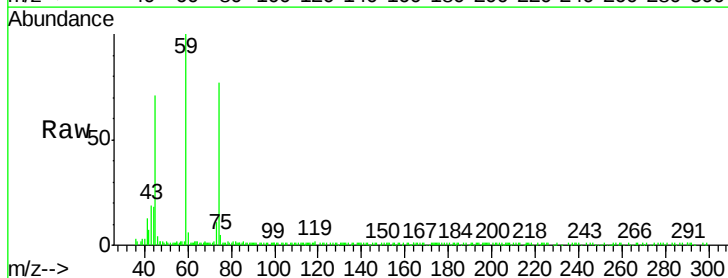
Tgt Ion: 101 Resp: 41450
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4

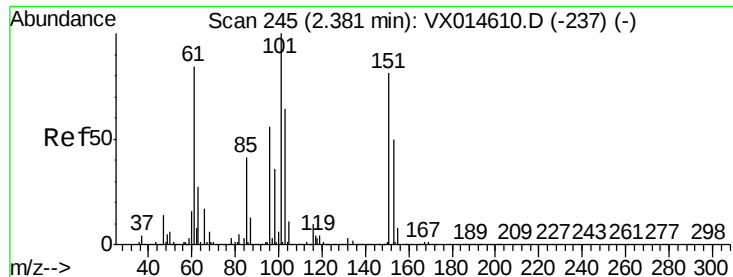


#8

Diethyl Ether
Concen: 4.868 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 74 Resp: 17260
Ion Ratio Lower Upper
74 100
45 103.0 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.028 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

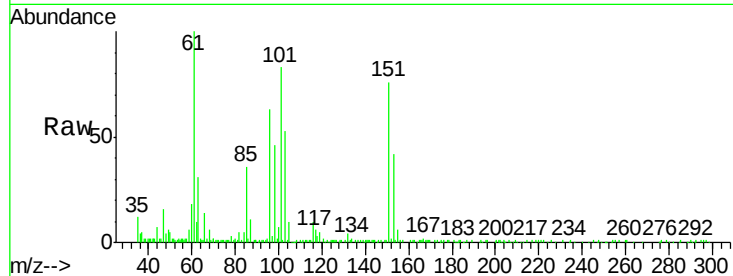
Tgt Ion:101 Resp: 23135

Ion Ratio Lower Upper

101 100

85 41.9 0.0 85.6

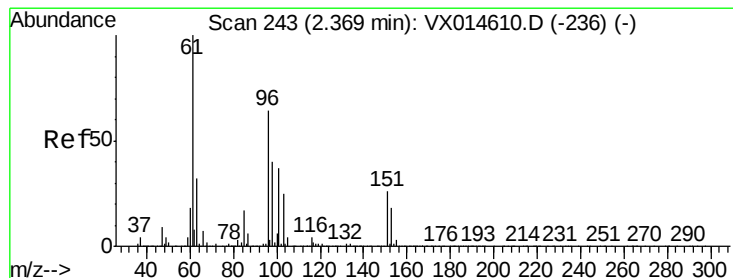
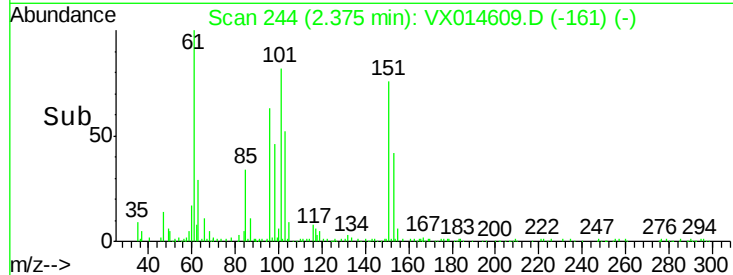
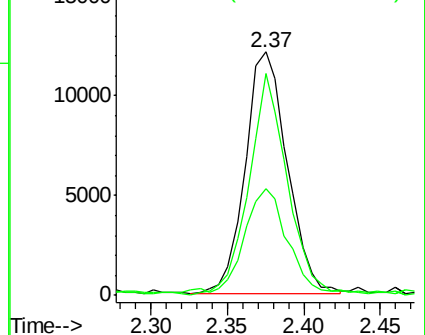
151 84.1 0.0 159.4



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: 4.767 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

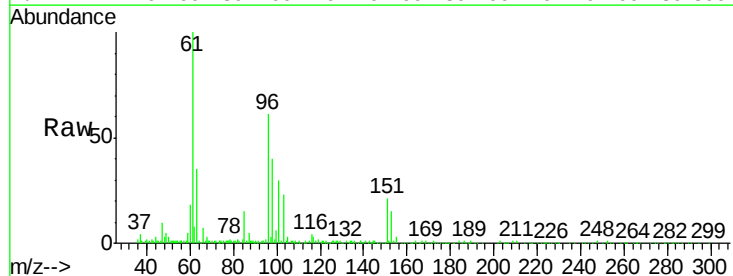
Tgt Ion: 96 Resp: 22677

Ion Ratio Lower Upper

96 100

61 164.3 123.0 184.6

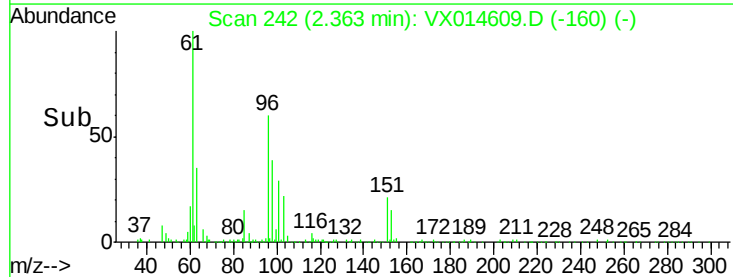
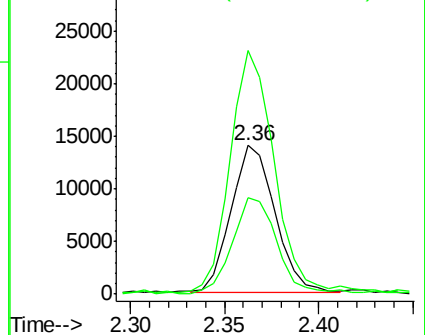
98 65.4 51.4 77.0

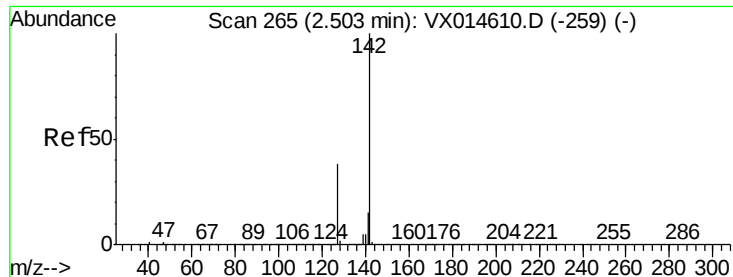


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

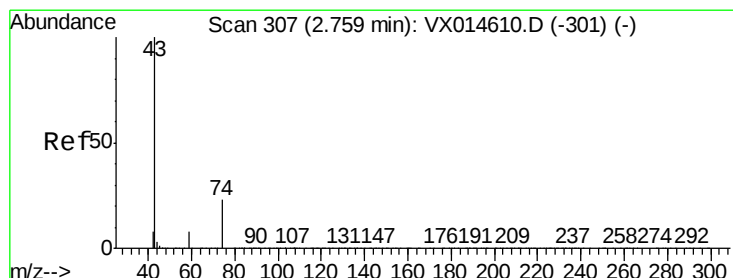
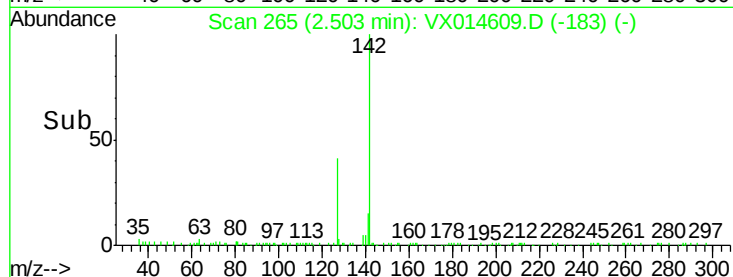
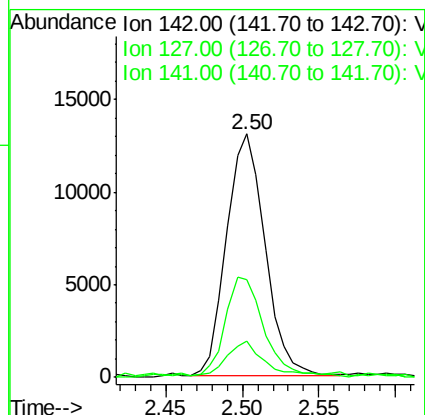
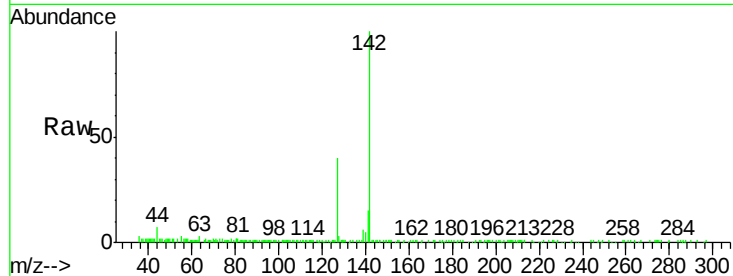




#11
Methyl Iodide
Concen: 3.745 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

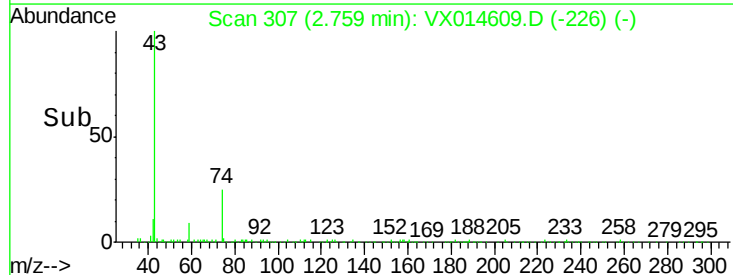
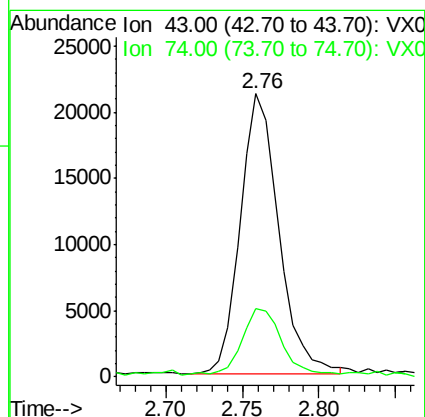
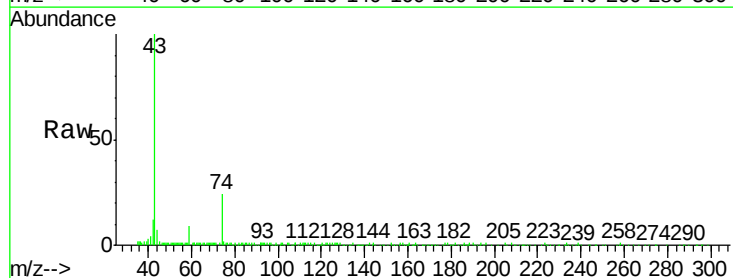
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

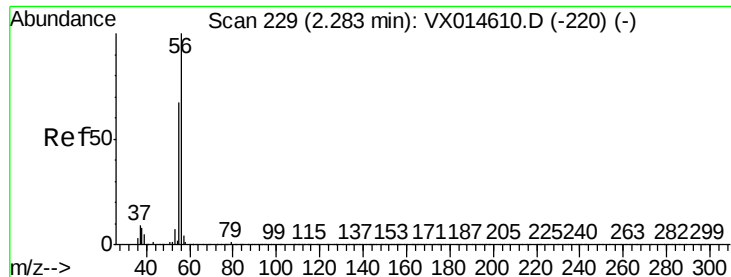
Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.5	19.5	58.5
141	14.3	7.0	20.9



#12
Methyl Acetate
Concen: 4.992 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7





#13

Acrolein

Concen: 27.349 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

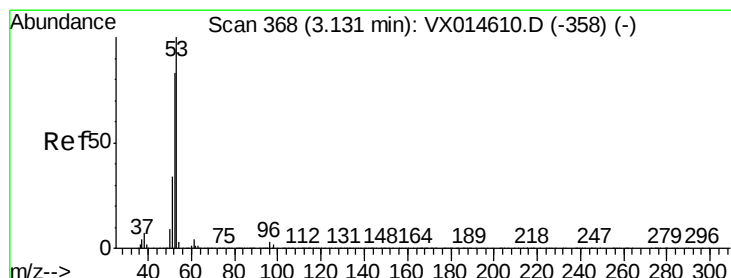
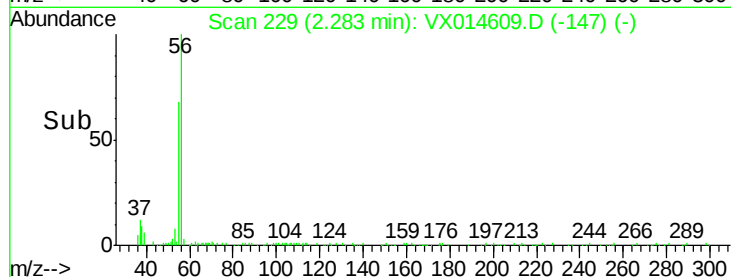
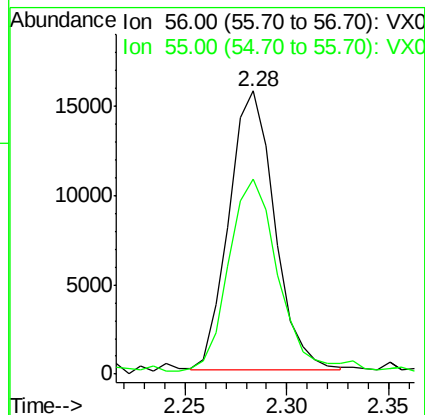
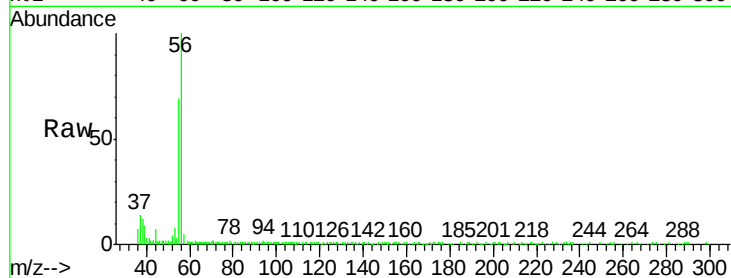
VSTDIC005

Tgt Ion: 56 Resp: 24426

Ion Ratio Lower Upper

56 100

55 72.8 54.9 82.3



#14

Acrylonitrile

Concen: 23.156 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

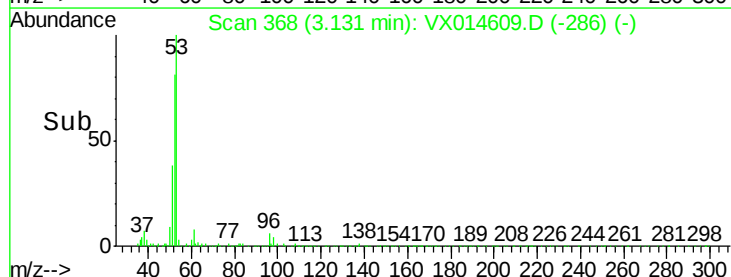
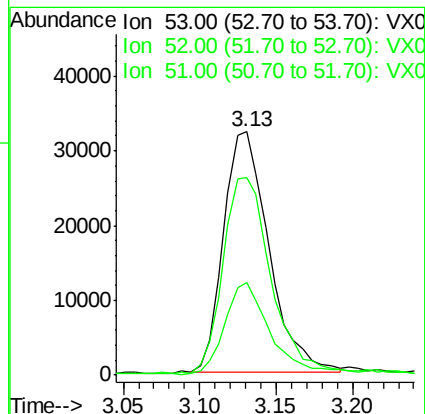
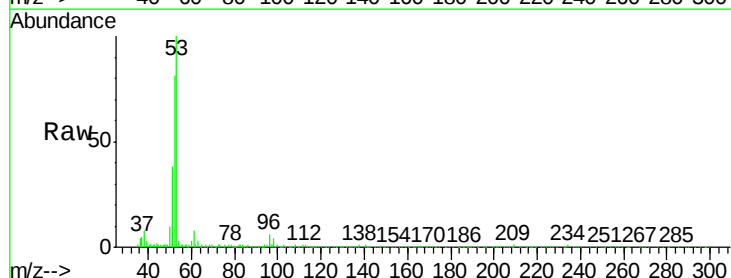
Tgt Ion: 53 Resp: 66658

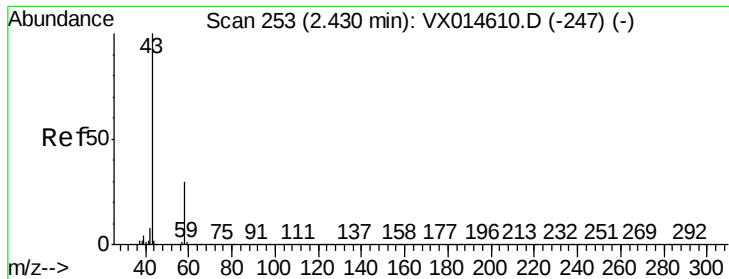
Ion Ratio Lower Upper

53 100

52 84.8 41.5 124.6

51 37.1 17.8 53.5

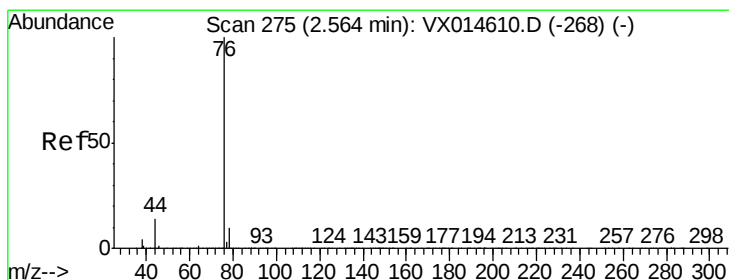
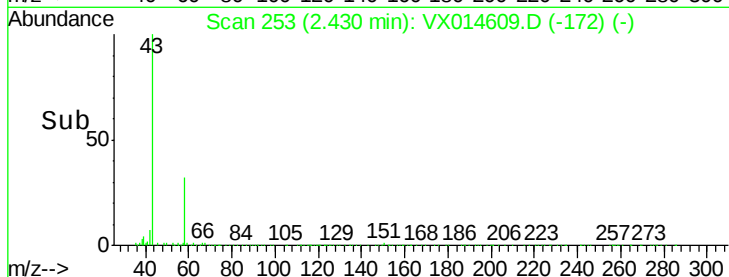
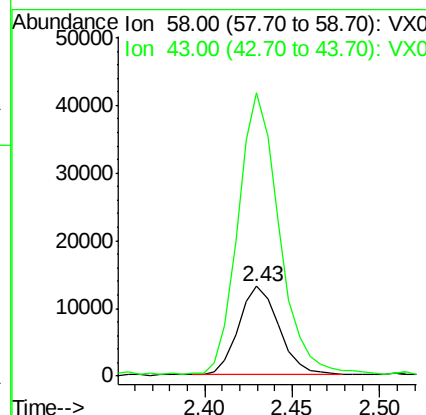
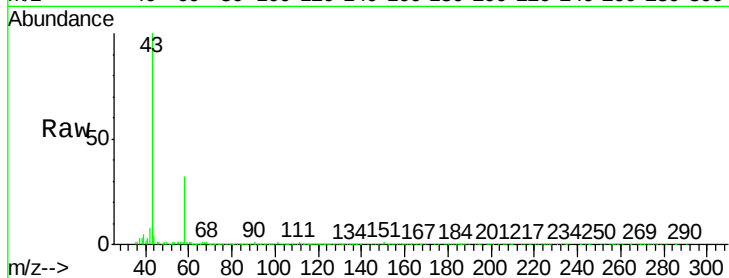




#15
Acetone
Concen: 25.101 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

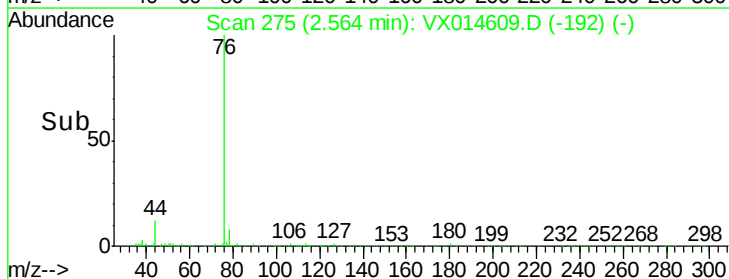
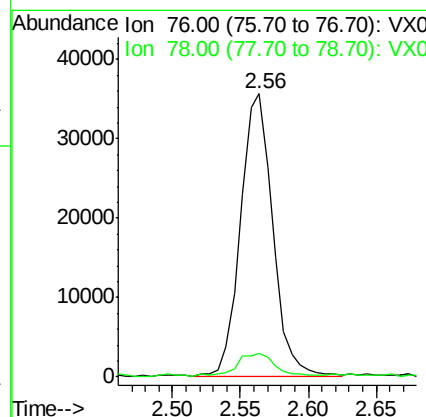
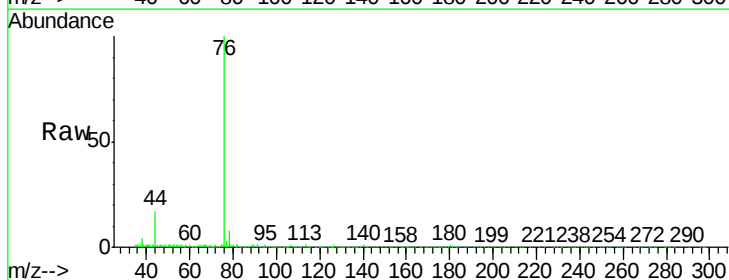
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

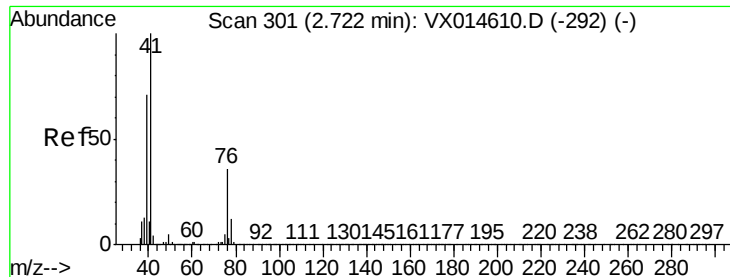
Tgt Ion: 58 Resp: 21227
Ion Ratio Lower Upper
58 100
43 316.8 236.3 354.5



#16
Carbon Disulfide
Concen: 4.548 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 76 Resp: 58601
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8

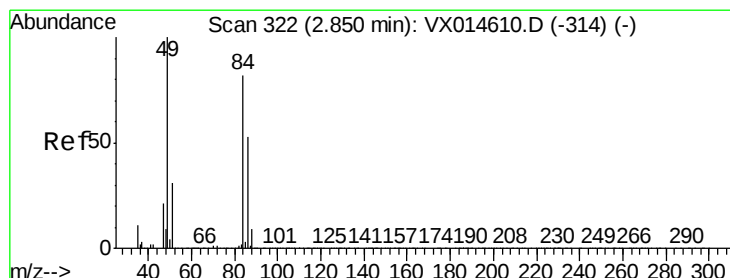
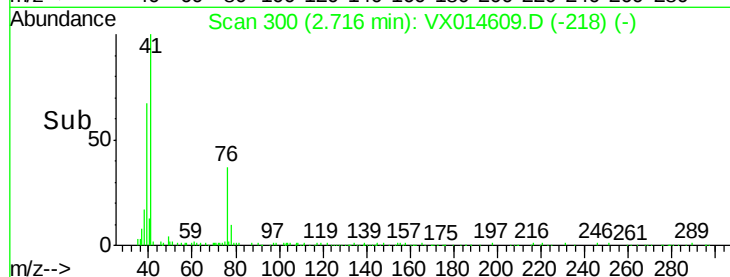
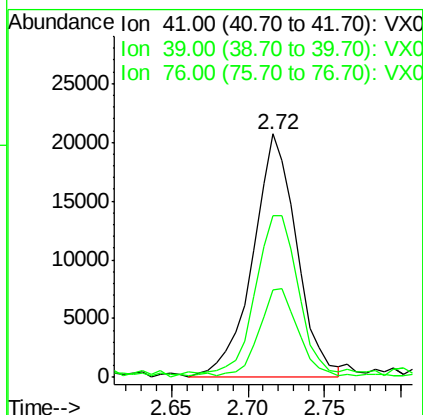
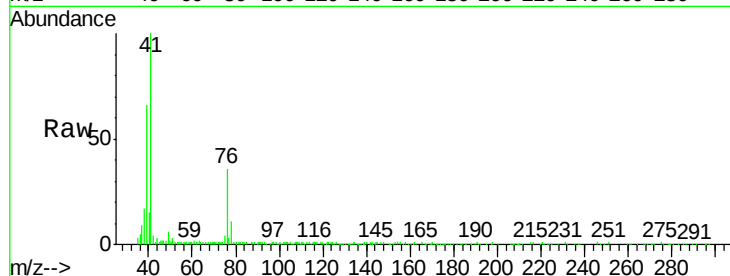




#17
 Allyl chloride
 Concen: 4.844 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

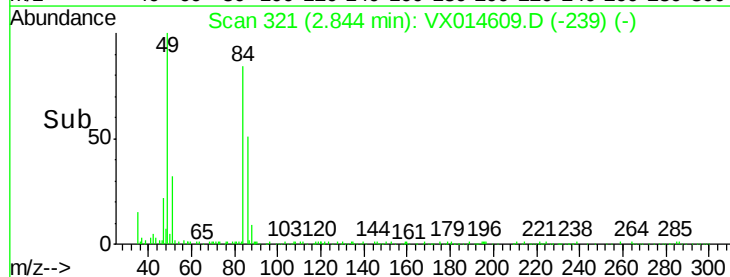
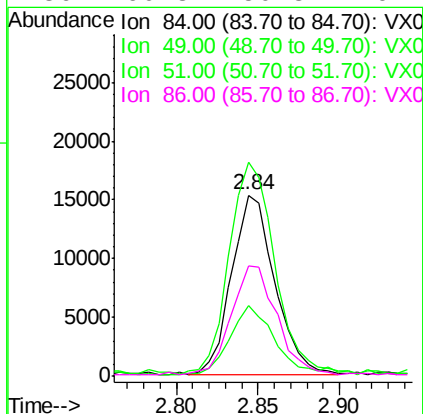
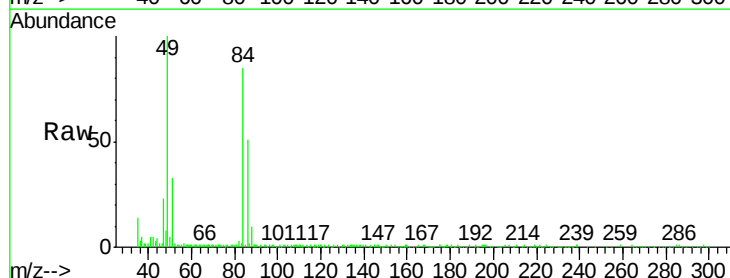
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

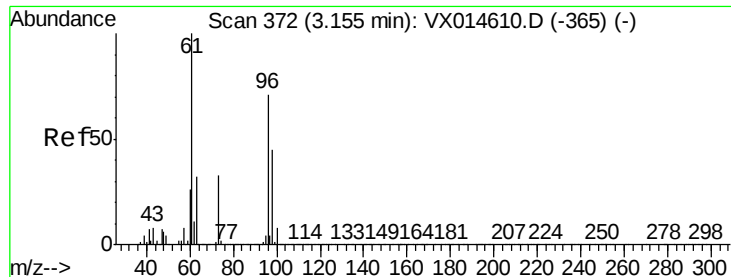
Tgt Ion:	41	Resp:	41400
Ion	Ratio	Lower	Upper
41	100		
39	64.3	33.4	100.2
76	35.0	17.0	50.9



#18
 Methylene Chloride
 Concen: 4.863 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion:	84	Resp:	28346
Ion	Ratio	Lower	Upper
84	100		
49	116.4	102.2	153.2
51	37.9	31.4	47.0
86	60.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 4.680 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

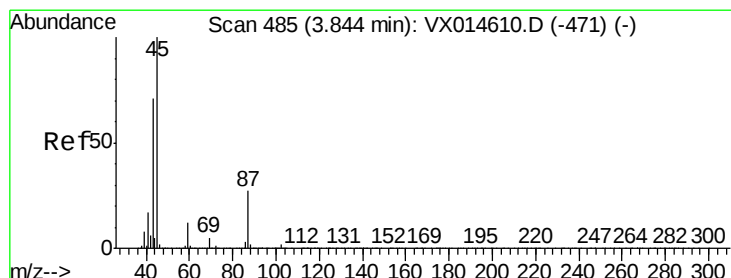
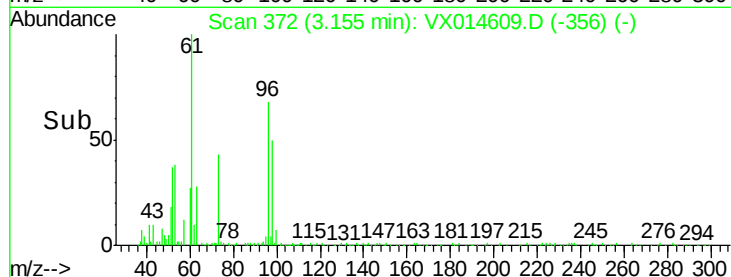
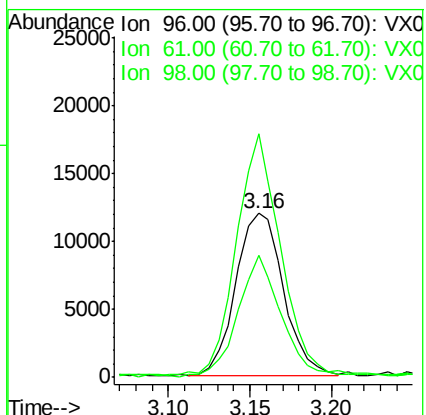
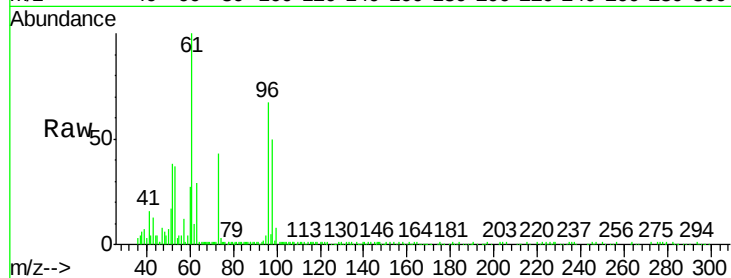
Tgt Ion: 96 Resp: 24379

Ion Ratio Lower Upper

96 100

61 145.7 106.6 159.8

98 74.0 51.6 77.4



#20

Diisopropyl ether

Concen: 4.690 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion: 45 Resp: 82256

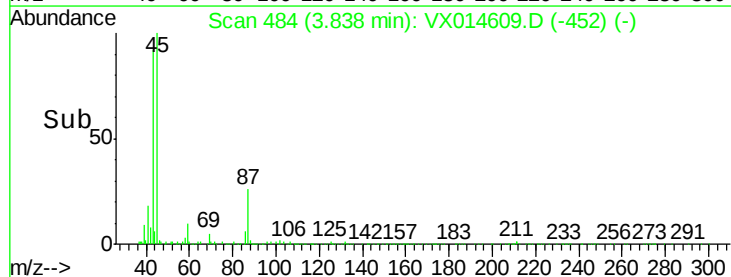
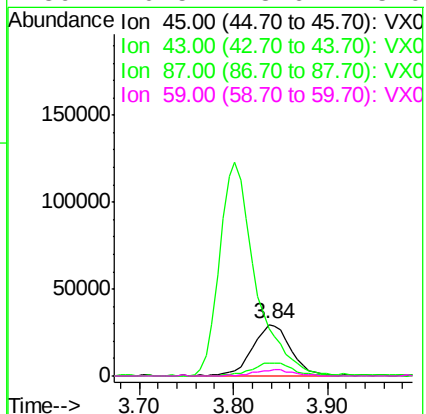
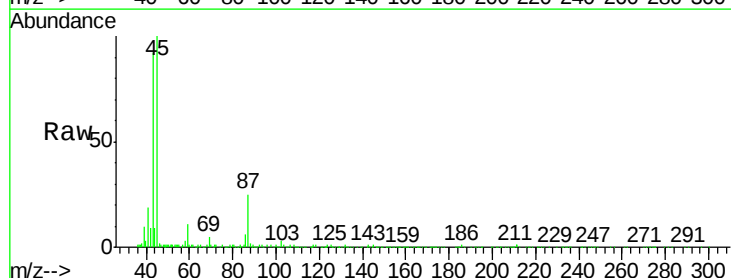
Ion Ratio Lower Upper

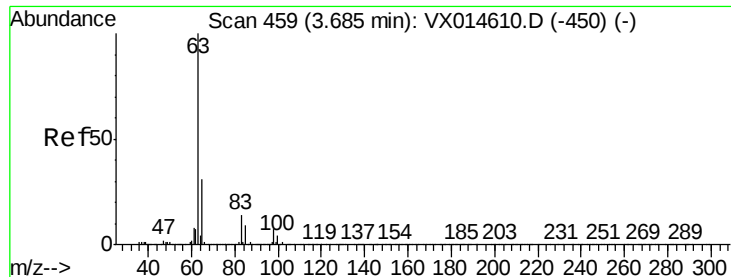
45 100

43 91.8 55.9 83.9#

87 24.8 22.2 33.2

59 10.5 8.6 13.0

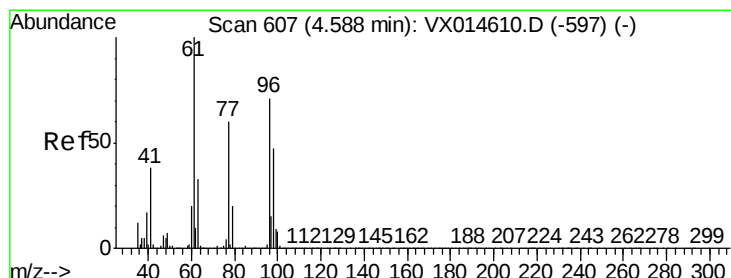
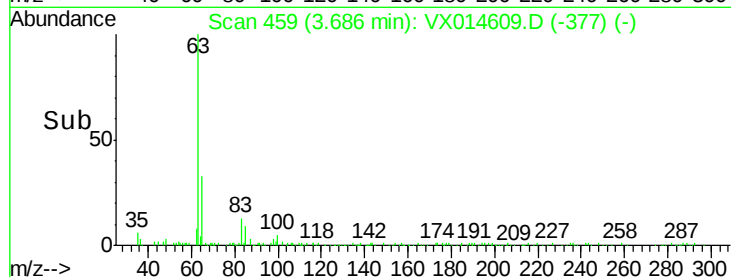
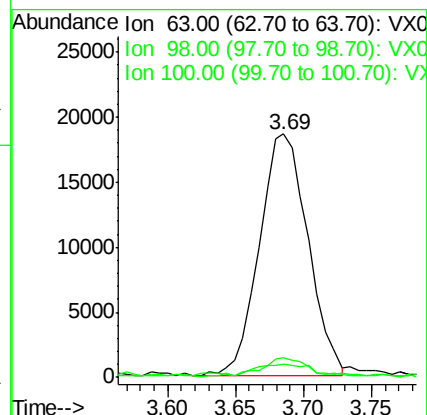
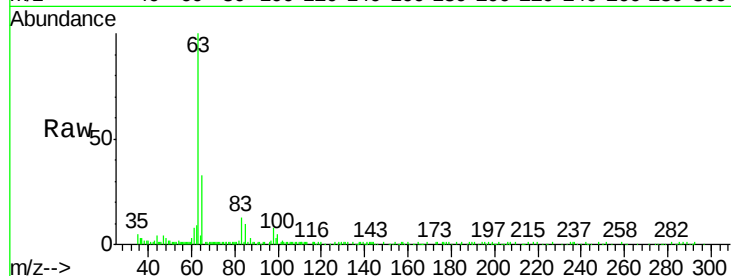




#21
1,1-Dichloroethane
Concen: 4.870 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

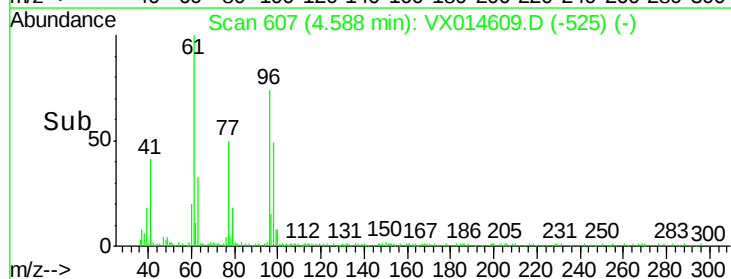
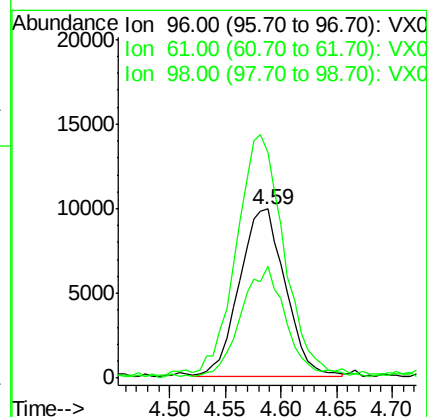
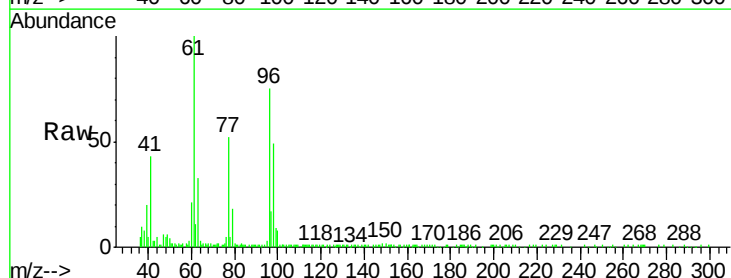
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

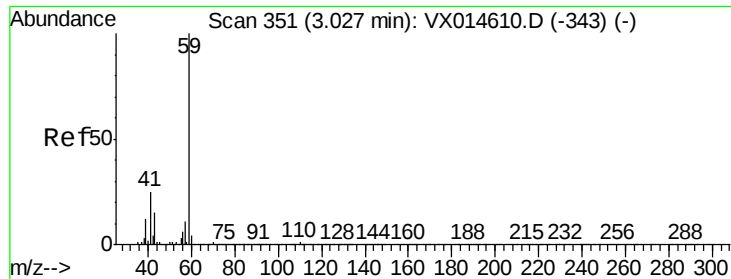
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	5.1	2.5	7.4



#22
cis-1,2-Dichloroethene
Concen: 4.734 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.4	112.4	168.6
98	62.2	50.3	75.5

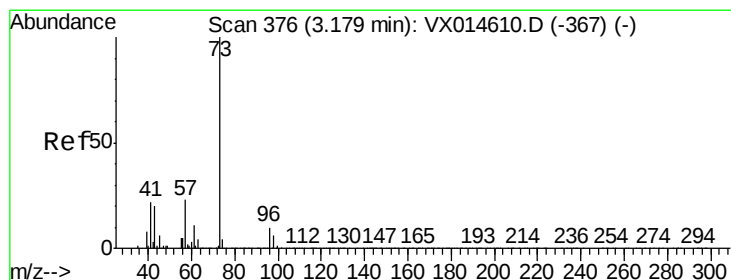
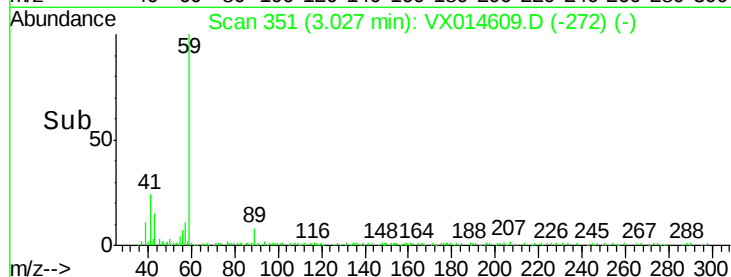
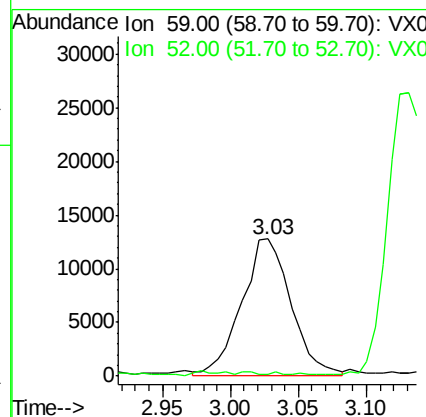
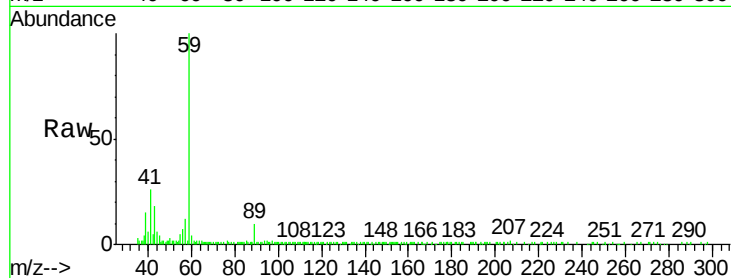




#23
 tert-Butyl Alcohol
 Concen: 28.534 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

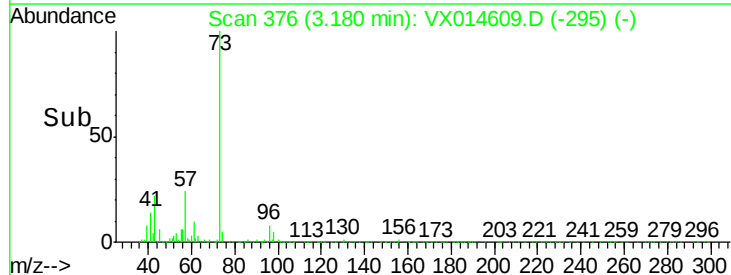
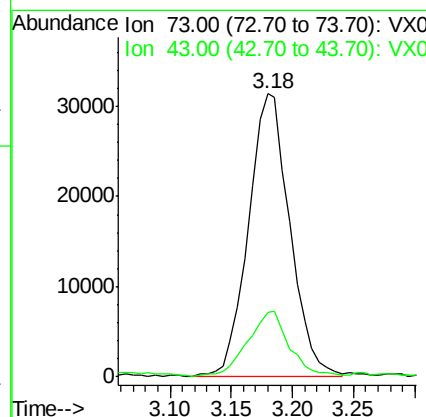
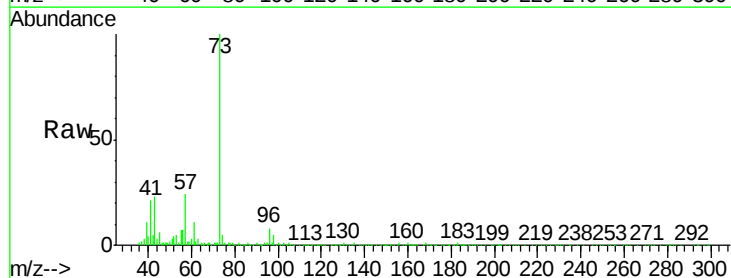
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

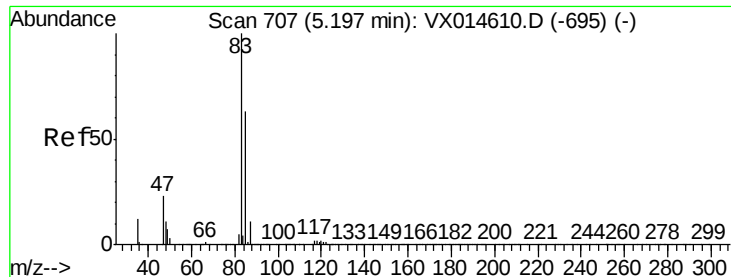
Tgt Ion: 59 Resp: 32218
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 4.617 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion: 73 Resp: 74190
 Ion Ratio Lower Upper
 73 100
 43 23.9 16.6 25.0

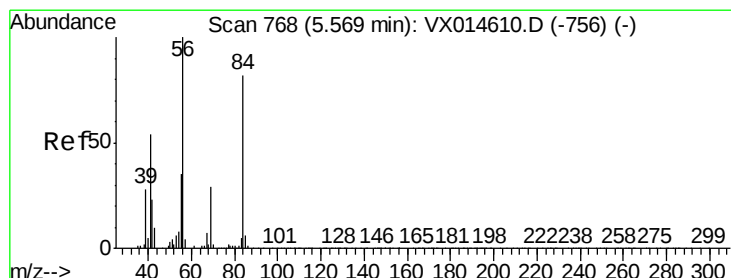
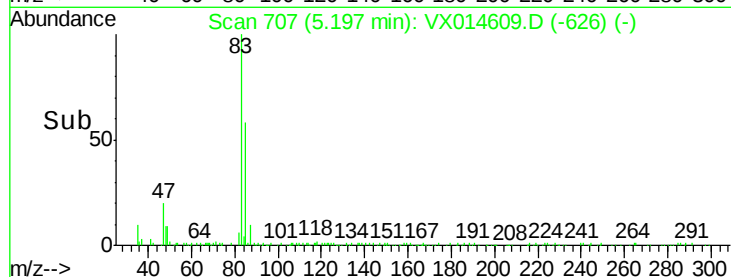
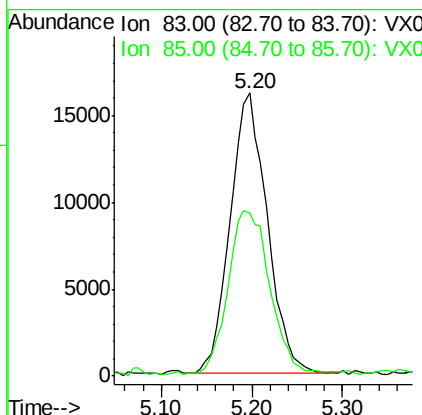
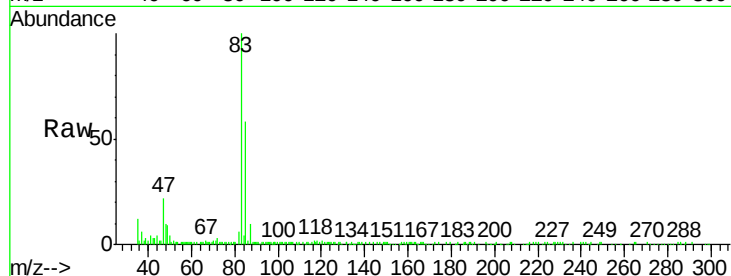




#25
Chloroform
Concen: 5.055 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

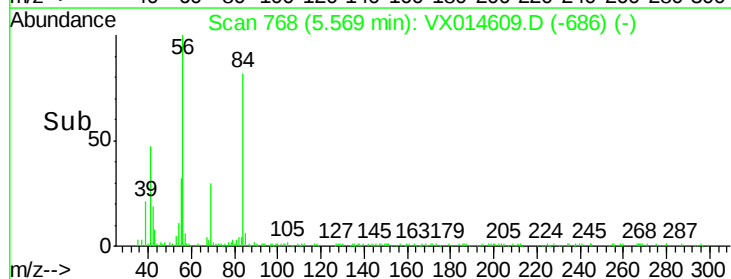
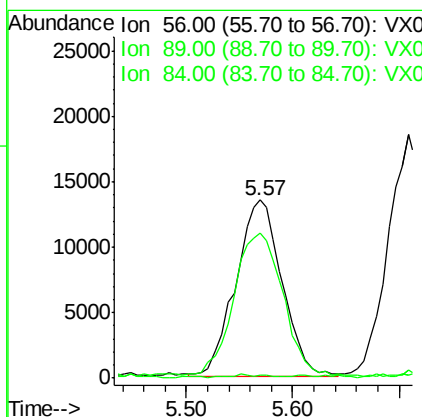
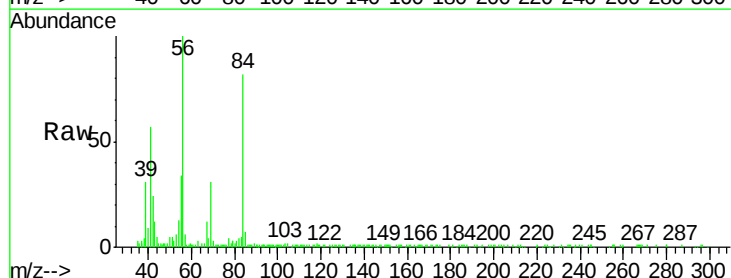
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

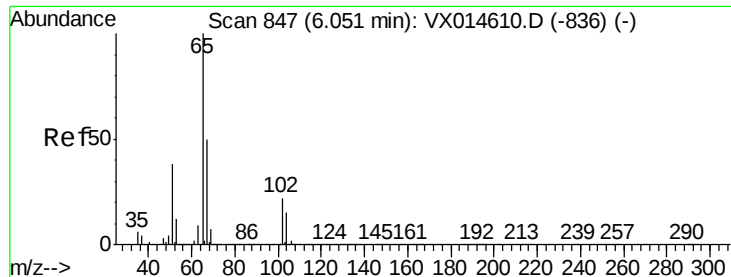
Tgt Ion: 83 Resp: 45871
Ion Ratio Lower Upper
83 100
85 57.0 52.7 79.1



#26
Cyclohexane
Concen: 4.848 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 56 Resp: 41152
Ion Ratio Lower Upper
56 100
89 0.4 0.1 0.1#
84 85.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.648 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

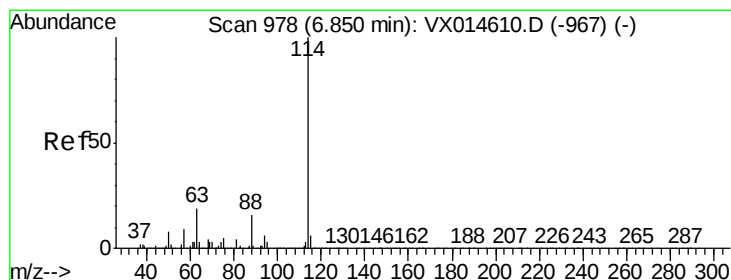
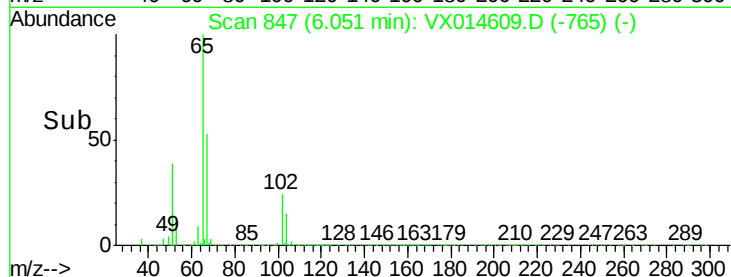
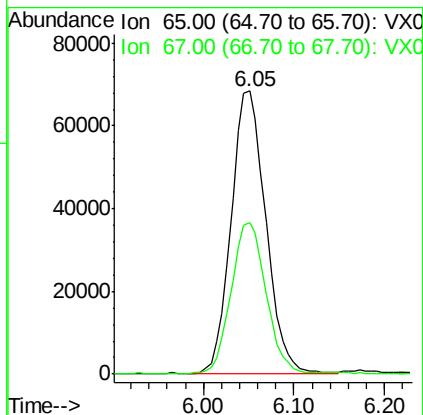
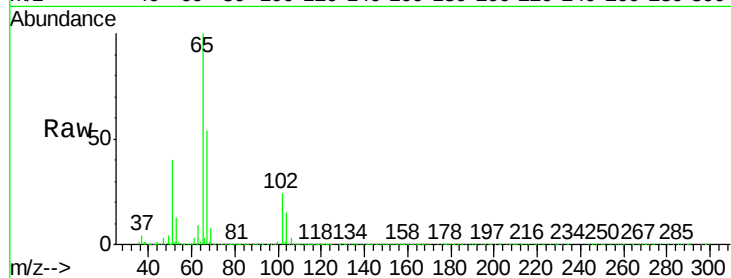
VSTDIC005

Tgt Ion: 65 Resp: 180365

Ion Ratio Lower Upper

65 100

67 53.7 43.1 64.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

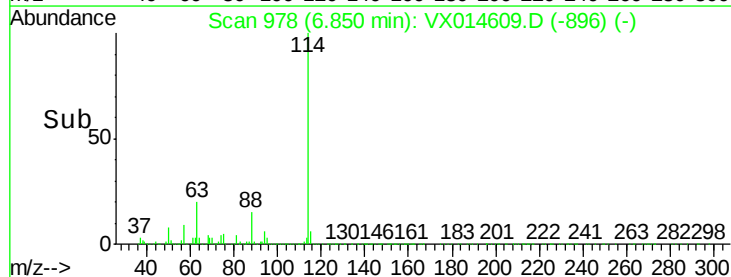
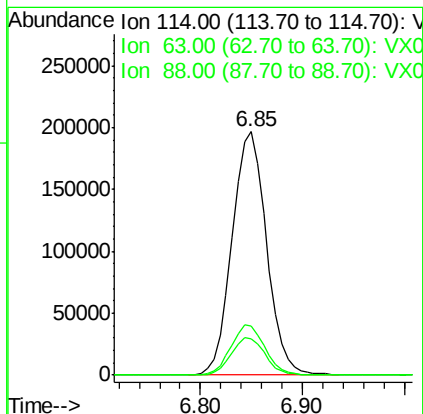
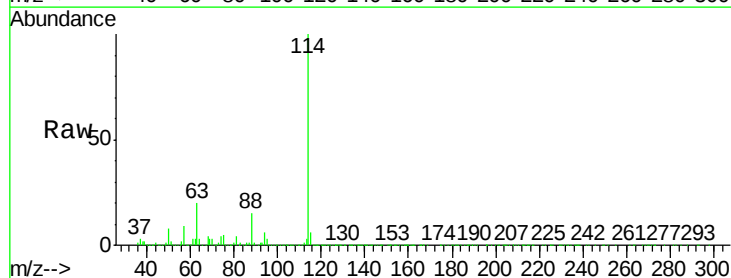
Tgt Ion: 114 Resp: 458907

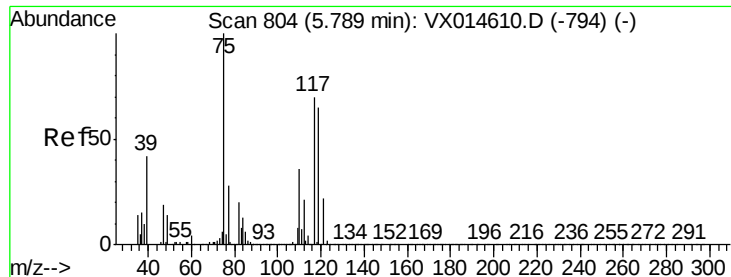
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.4 12.5 18.7





#29

1,1-Dichloropropene

Concen: 4.907 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

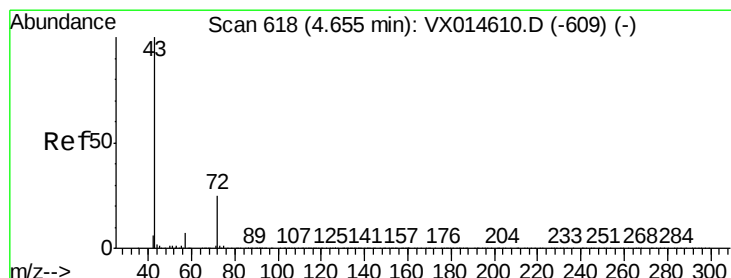
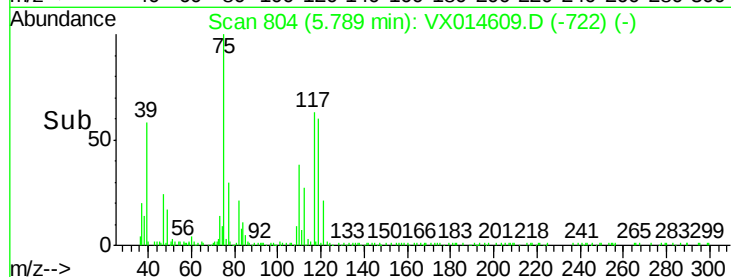
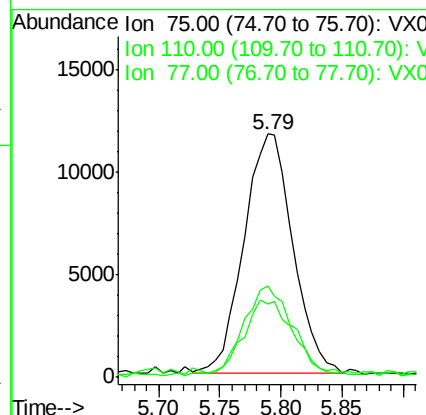
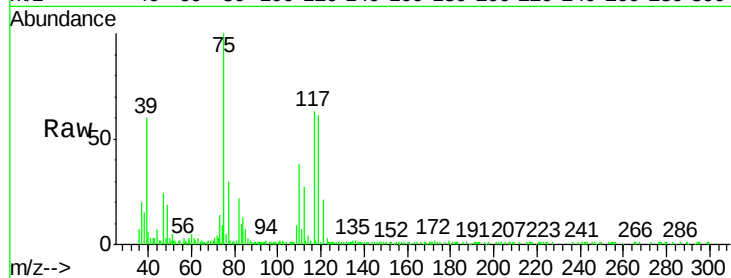
Tgt Ion: 75 Resp: 32529

Ion Ratio Lower Upper

75 100

110 35.2 0.0 73.8

77 31.4 0.0 62.4



#30

2-Butanone

Concen: 25.917 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

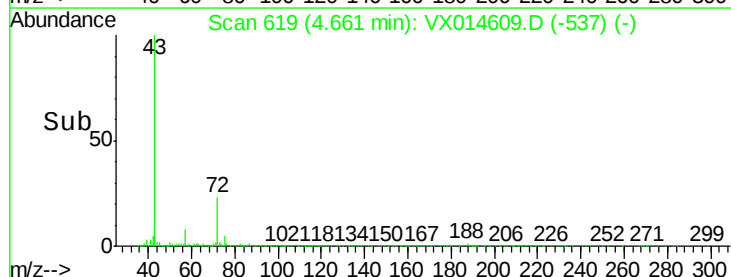
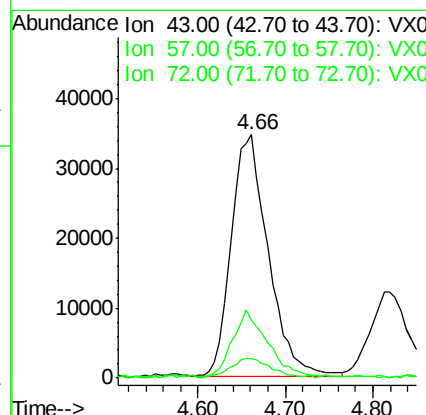
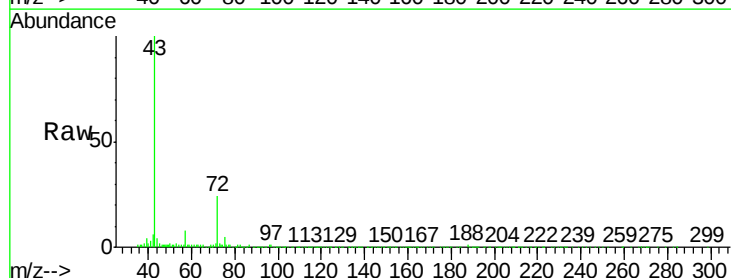
Tgt Ion: 43 Resp: 101260

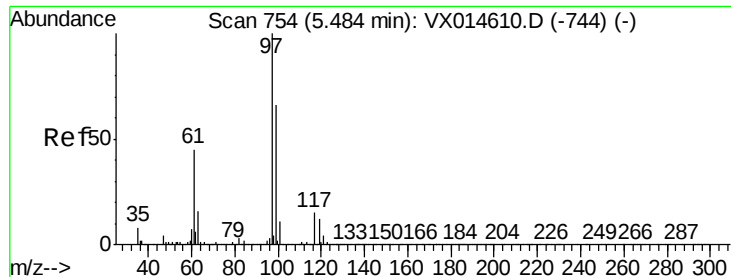
Ion Ratio Lower Upper

43 100

57 7.3 6.2 9.2

72 25.0 20.3 30.5





#32

1,1,1-Trichloroethane

Concen: 5.136 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

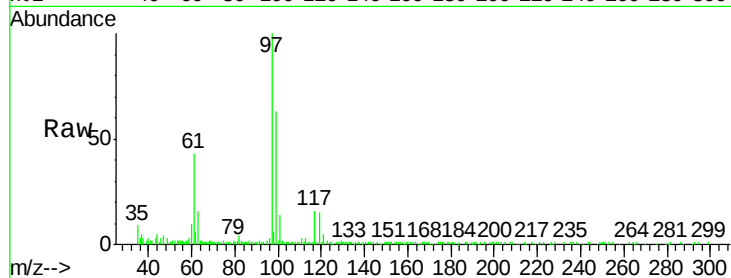
Tgt Ion: 97 Resp: 37660

Ion Ratio Lower Upper

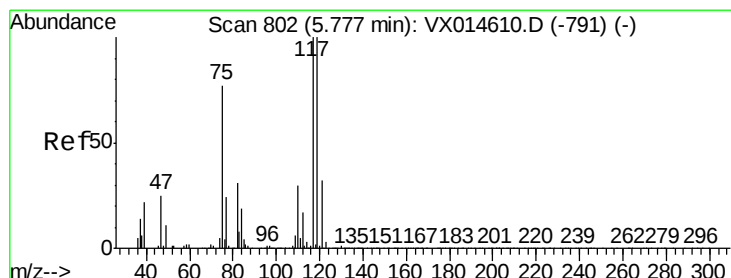
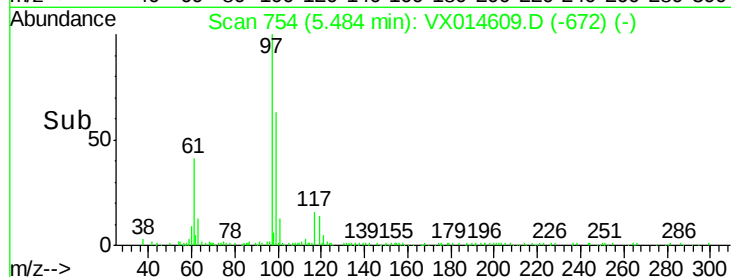
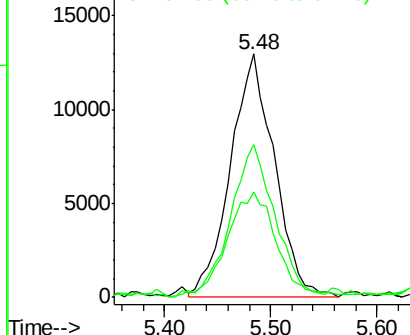
97 100

99 63.2 51.9 77.9

61 44.3 36.8 55.2



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 99.00 (98.70 to 99.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 5.037 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

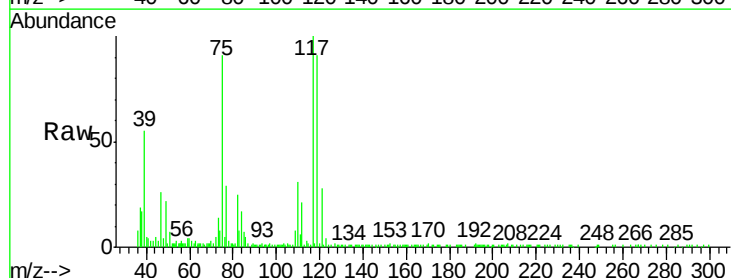
Tgt Ion: 117 Resp: 31391

Ion Ratio Lower Upper

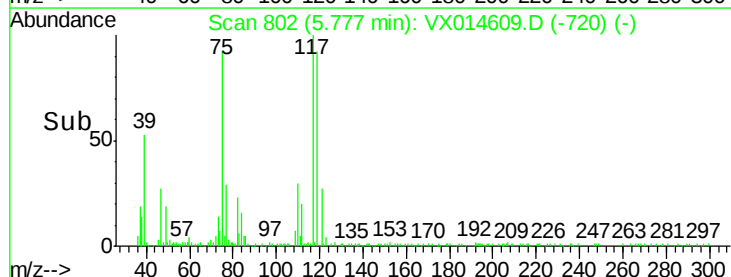
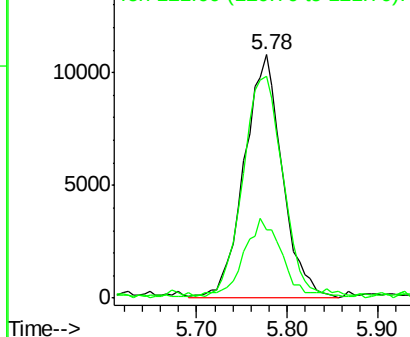
117 100

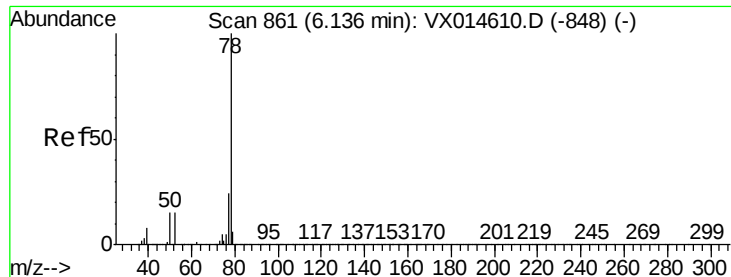
119 88.9 77.2 115.8

121 26.8 24.8 37.2



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: 4.995 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

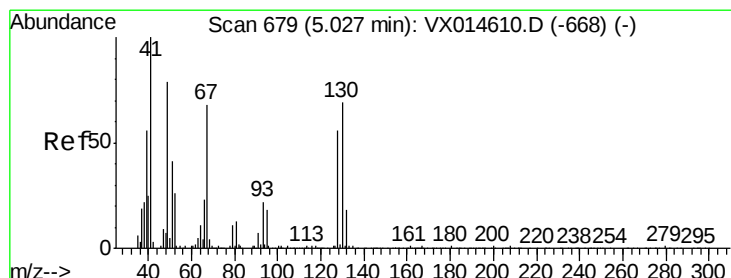
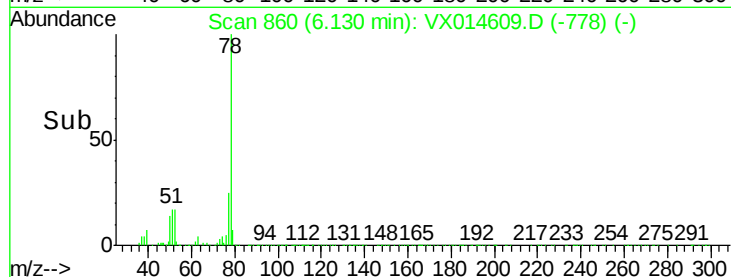
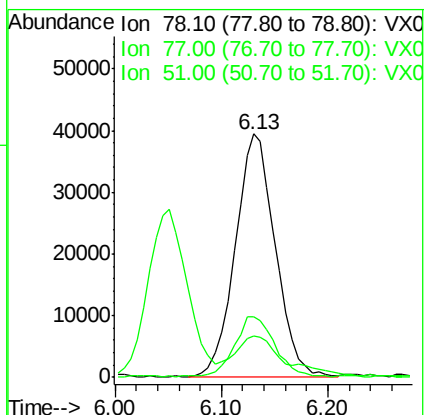
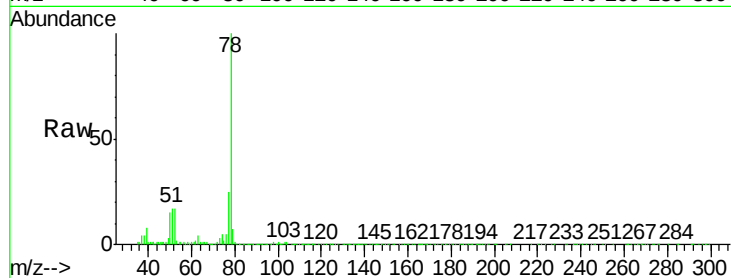
Tgt Ion: 78 Resp: 103245

Ion Ratio Lower Upper

78 100

77 24.2 18.2 27.2

51 15.3 12.4 18.6



#35

Methacrylonitrile

Concen: 4.694 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion: 41 Resp: 19724

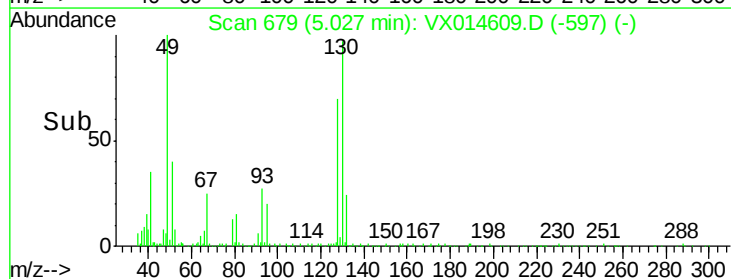
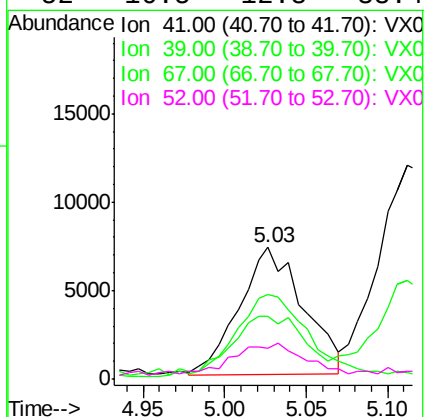
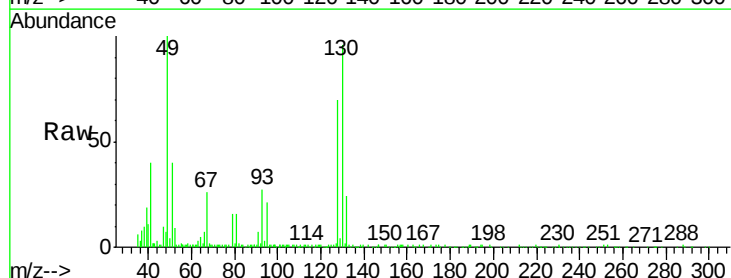
Ion Ratio Lower Upper

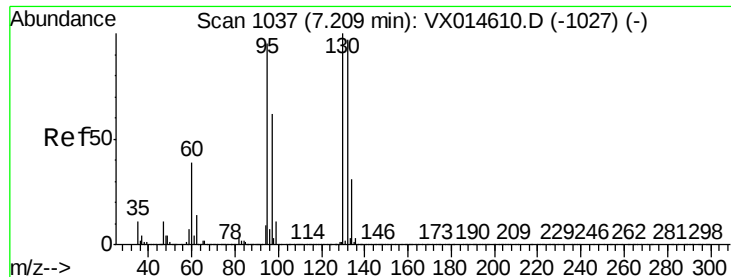
41 100

39 44.0 26.7 80.1

67 63.9 31.5 94.5

52 16.5 12.8 38.4

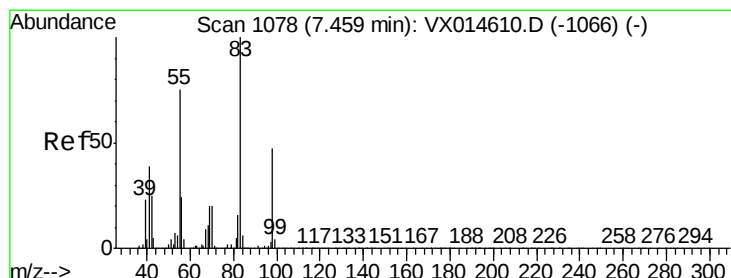
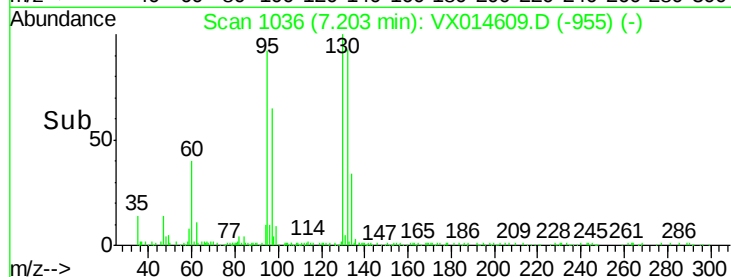
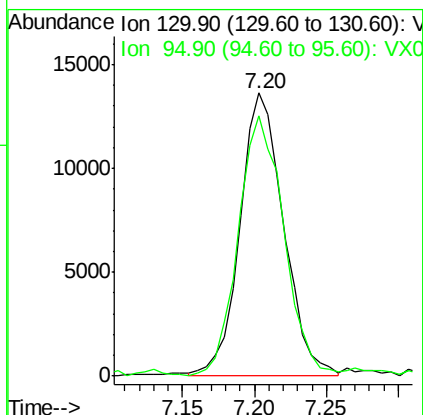
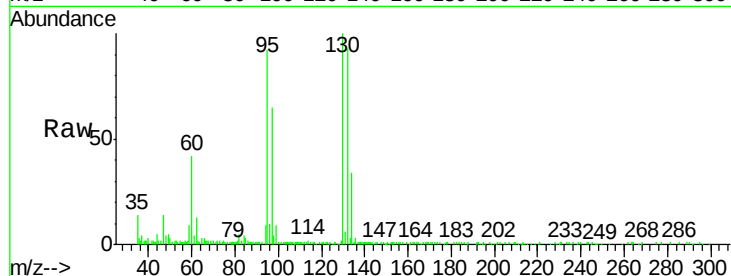




#37
 Trichloroethene
 Concen: 5.060 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

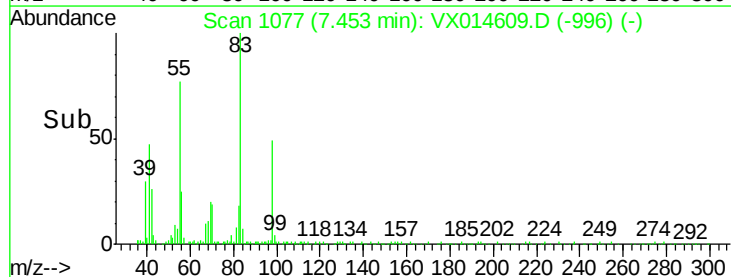
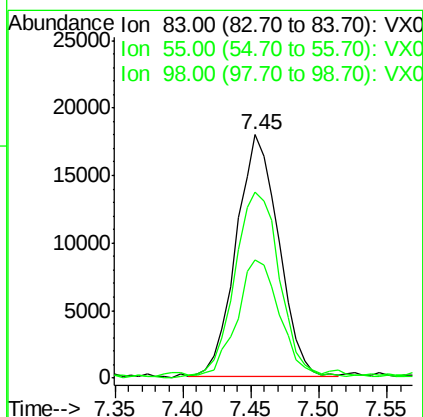
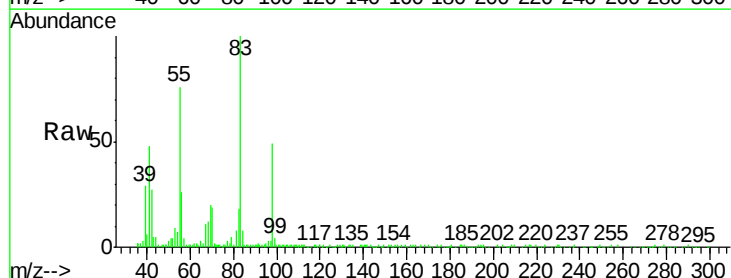
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

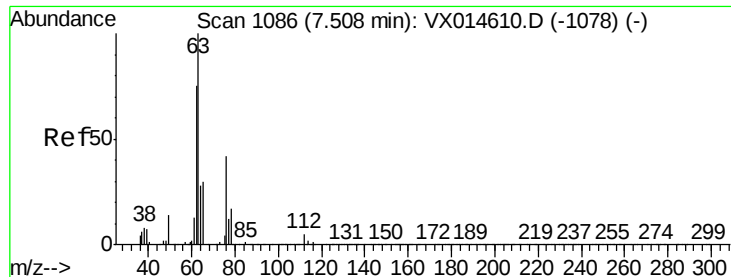
Tgt Ion:130 Resp: 28460
 Ion Ratio Lower Upper
 130 100
 95 91.7 71.7 107.5



#38
 Methylcyclohexane
 Concen: 4.905 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion: 83 Resp: 38787
 Ion Ratio Lower Upper
 83 100
 55 79.4 39.4 118.1
 98 51.3 25.1 75.3





#39

1,2-Dichloropropane

Concen: 5.067 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampled :

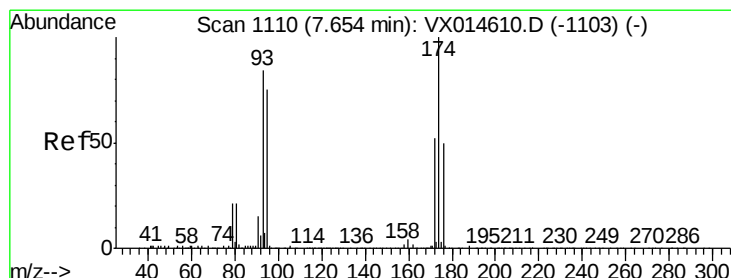
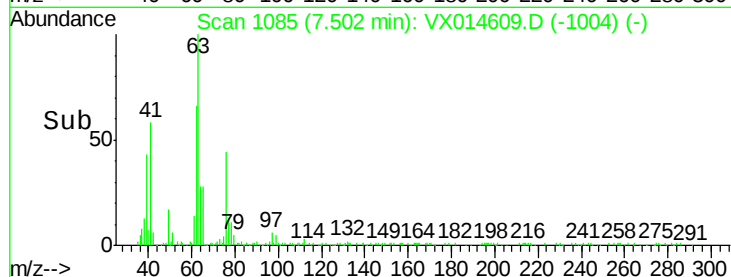
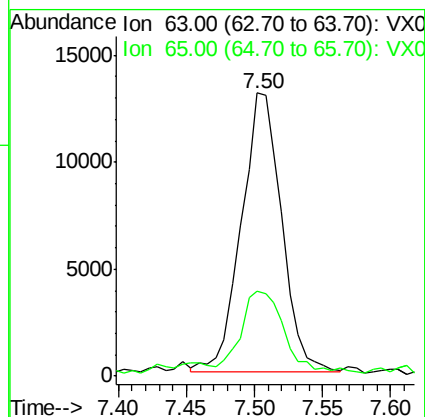
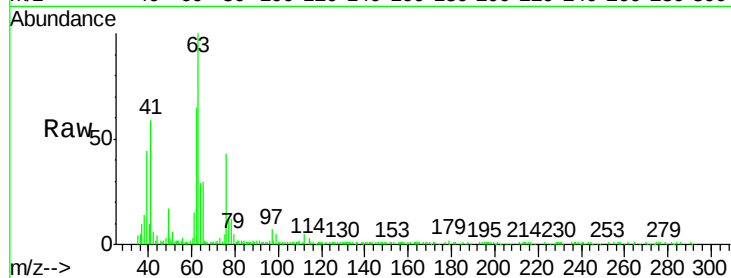
VSTDIC005

Tgt Ion: 63 Resp: 27199

Ion Ratio Lower Upper

63 100

65 27.8 22.1 33.1



#40

Dibromomethane

Concen: 5.079 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

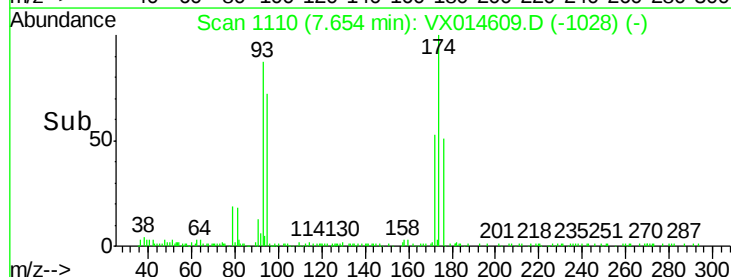
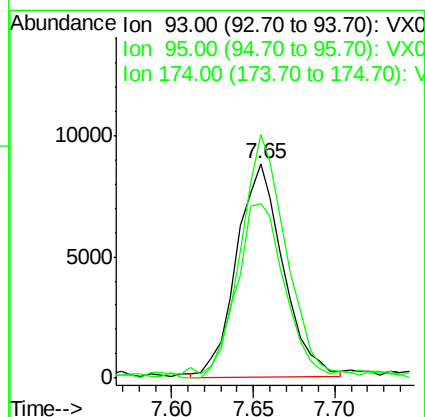
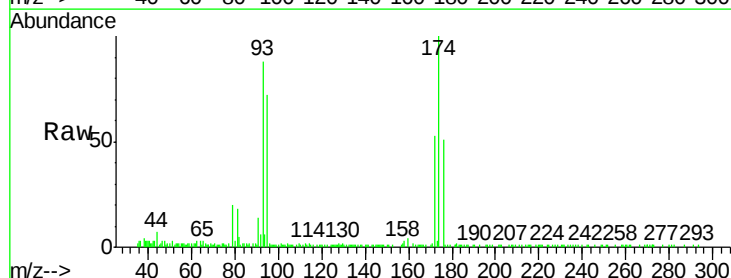
Tgt Ion: 93 Resp: 17418

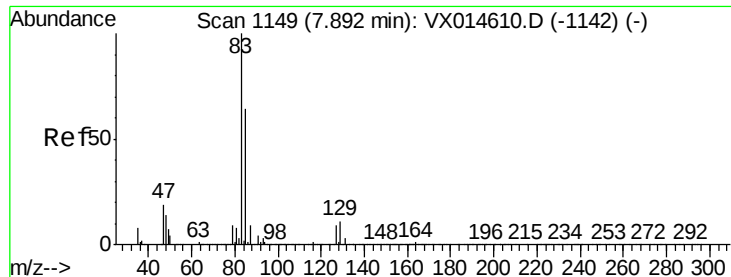
Ion Ratio Lower Upper

93 100

95 81.7 0.0 164.4

174 112.0 0.0 228.8





#41

Bromodichloromethane

Concen: 4.911 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

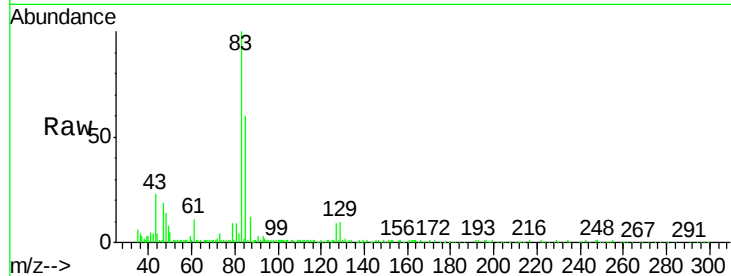
Tgt Ion: 83 Resp: 32608

Ion Ratio Lower Upper

83 100

85 59.7 51.6 77.4

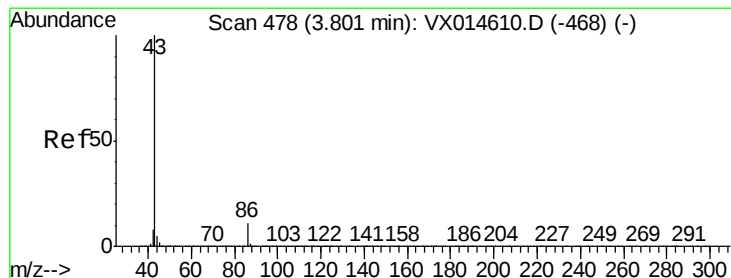
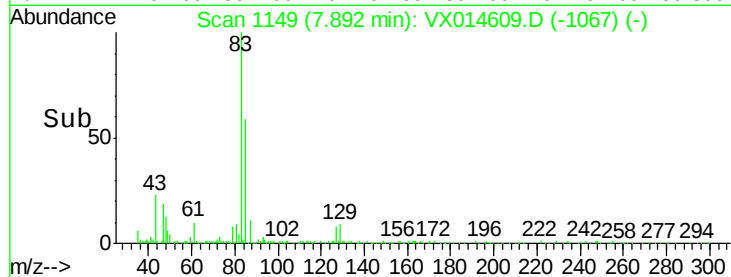
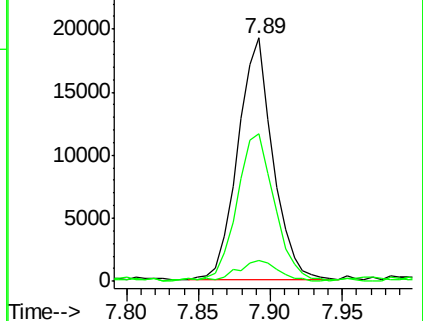
127 8.1 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 23.598 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014609.D

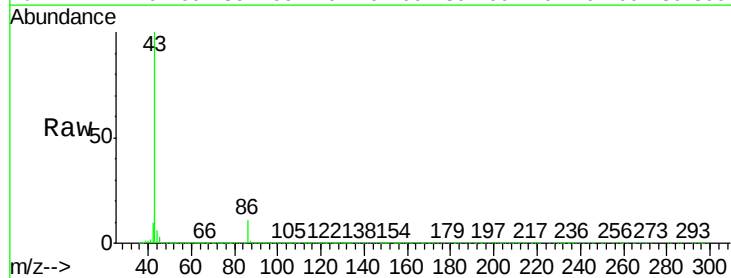
Acq: 15 Jan 2020 10:47

Tgt Ion: 43 Resp: 325522

Ion Ratio Lower Upper

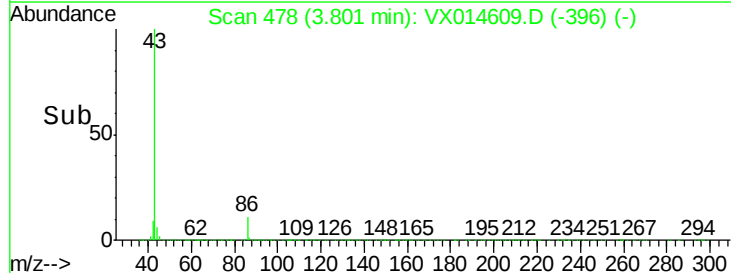
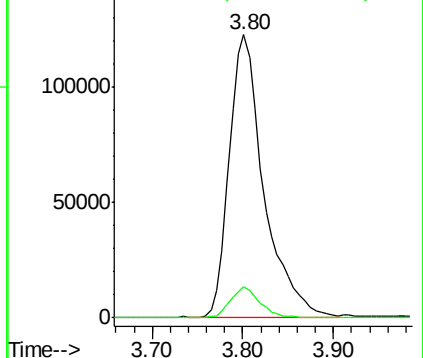
43 100

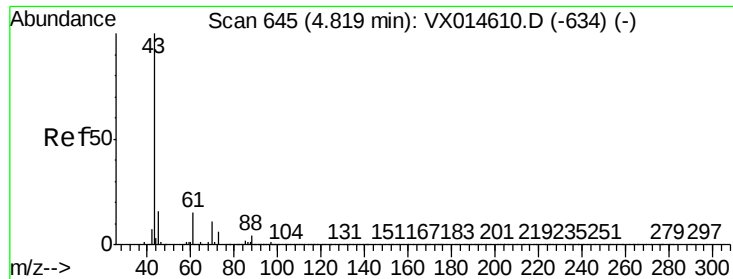
86 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

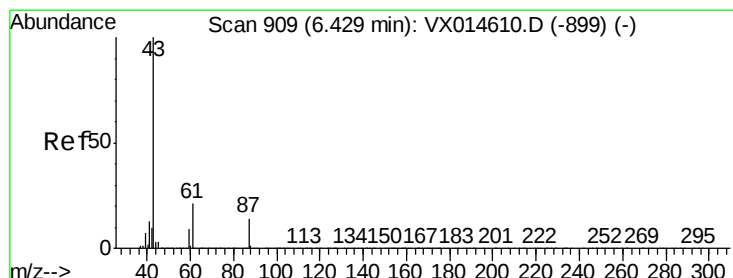
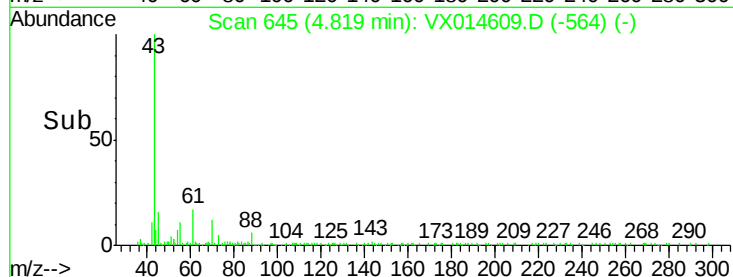
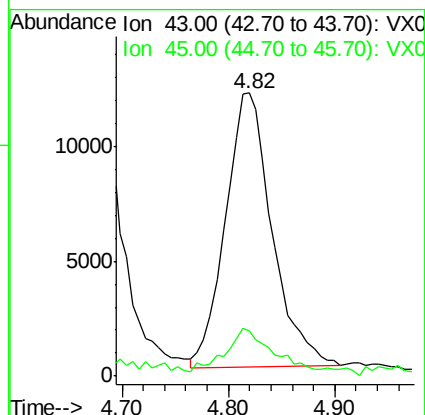
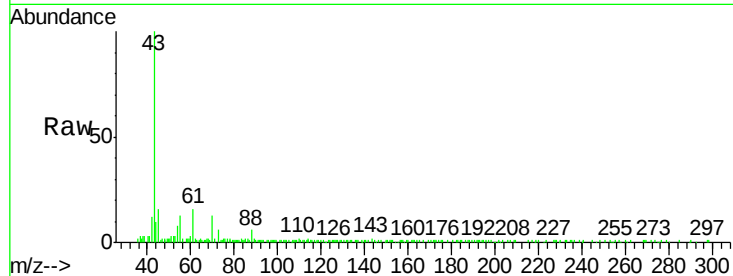




#43
Ethyl Acetate
Concen: 4.876 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

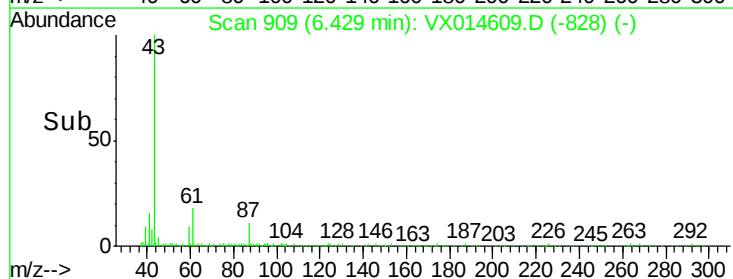
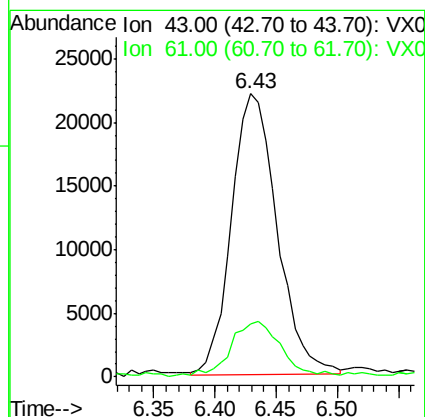
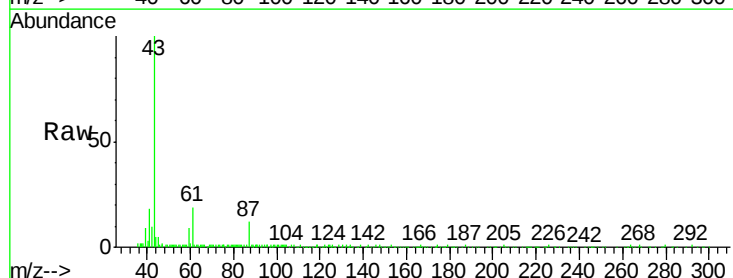
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

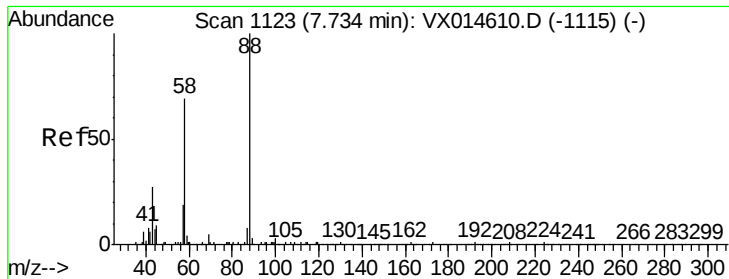
Tgt Ion: 43 Resp: 36553
Ion Ratio Lower Upper
43 100
45 13.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 4.572 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 43 Resp: 57408
Ion Ratio Lower Upper
43 100
61 19.4 15.9 23.9

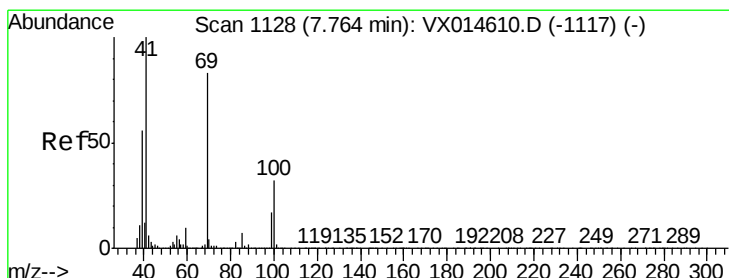
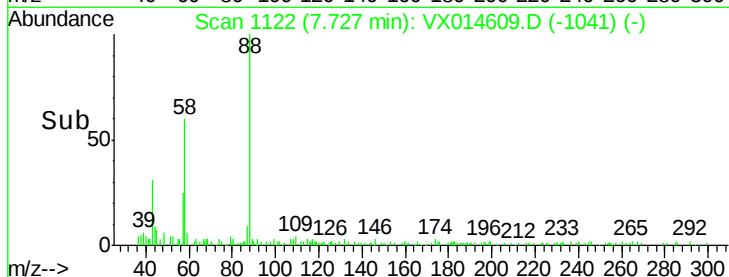
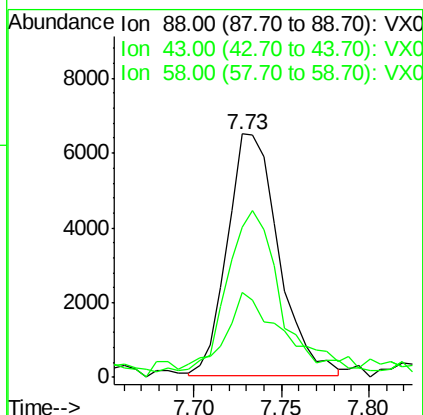
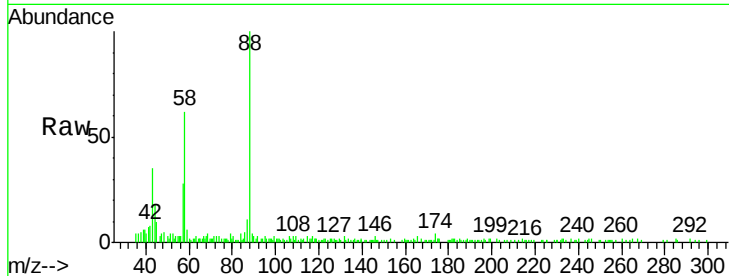




#45
 1,4-Dioxane
 Concen: 112.350 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

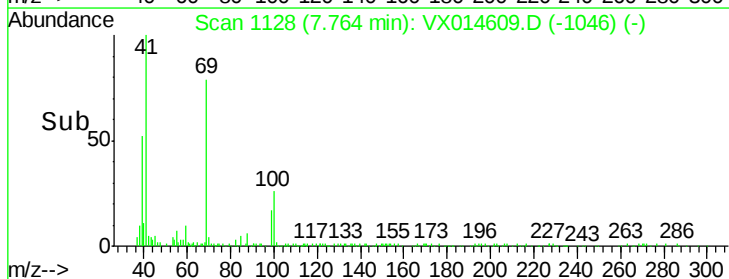
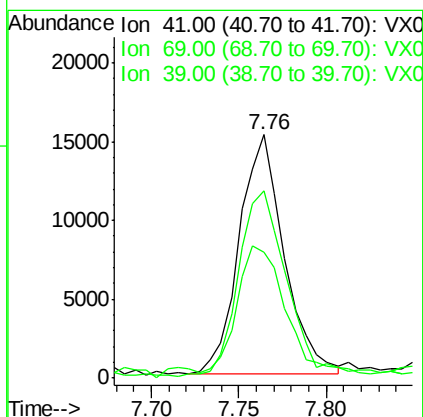
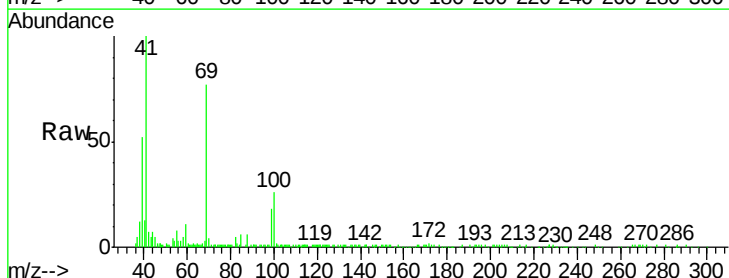
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

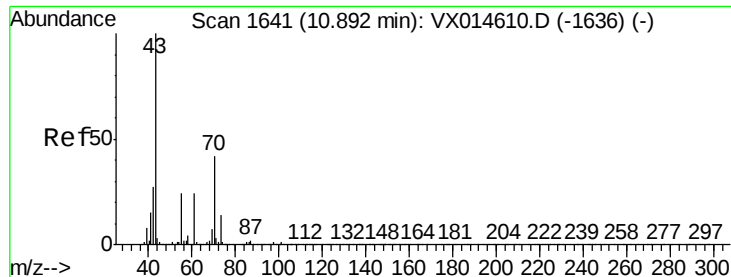
Tgt Ion: 88 Resp: 13211
 Ion Ratio Lower Upper
 88 100
 43 36.0 25.4 38.2
 58 65.4 56.5 84.7



#46
 Methyl methacrylate
 Concen: 4.440 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion: 41 Resp: 27078
 Ion Ratio Lower Upper
 41 100
 69 76.5 40.6 122.0
 39 49.1 27.8 83.3





#47

n-amy1 Acetate

Concen: 3.800 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

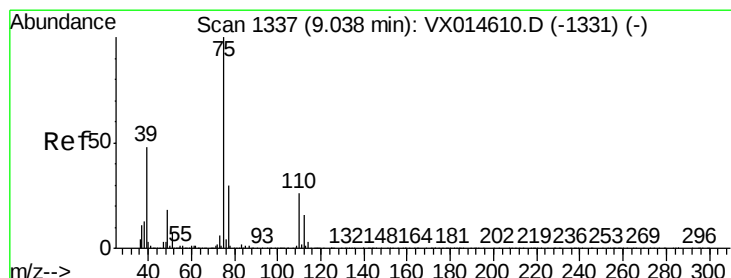
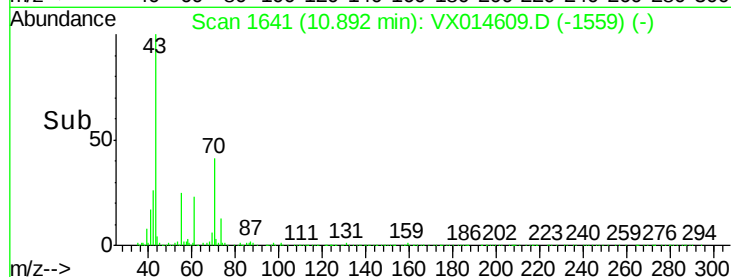
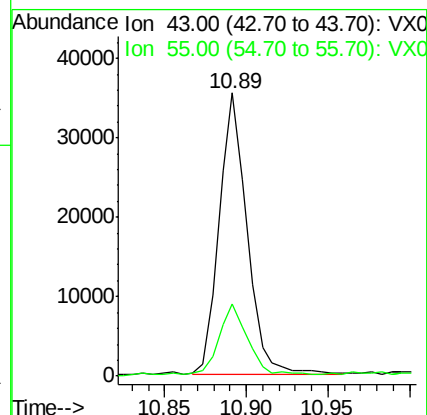
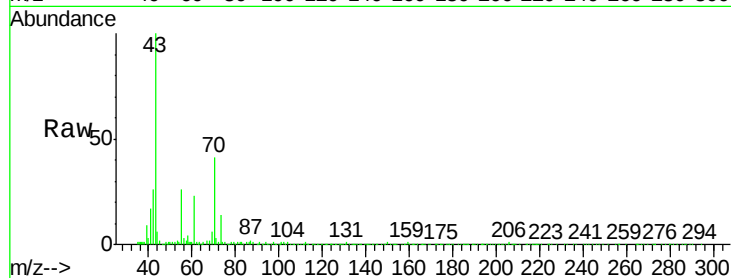
VSTDIC005

Tgt Ion: 43 Resp: 42431

Ion Ratio Lower Upper

43 100

55 24.9 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 4.268 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014609.D

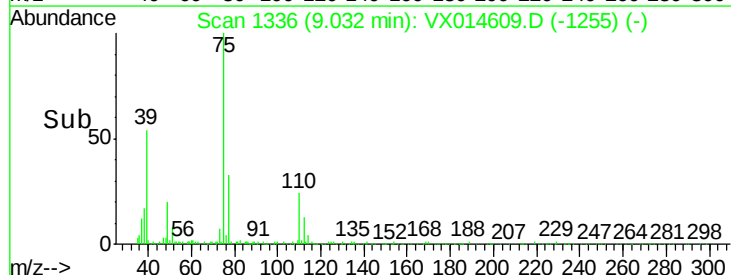
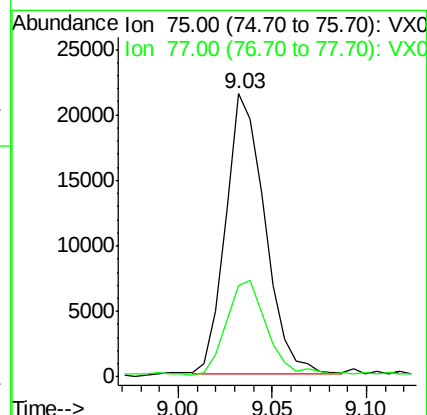
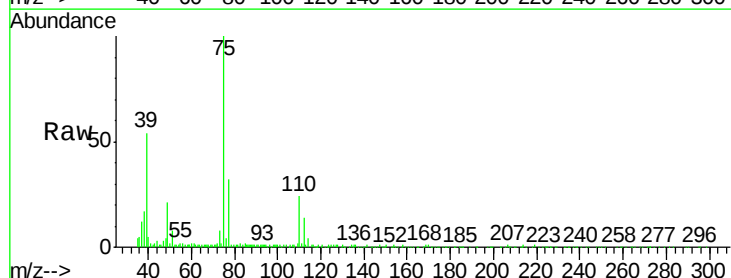
Acq: 15 Jan 2020 10:47

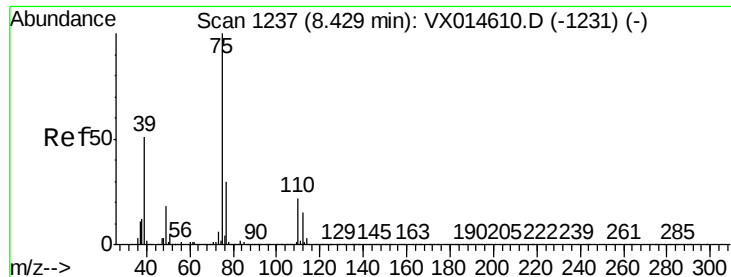
Tgt Ion: 75 Resp: 30929

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0



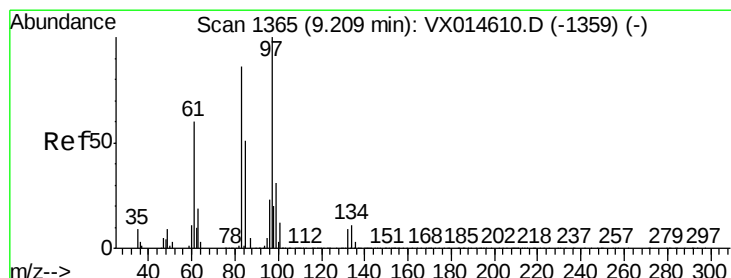
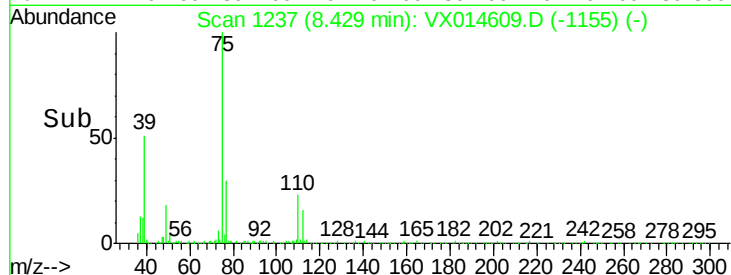
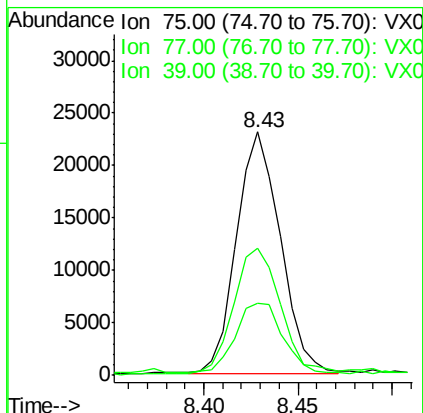
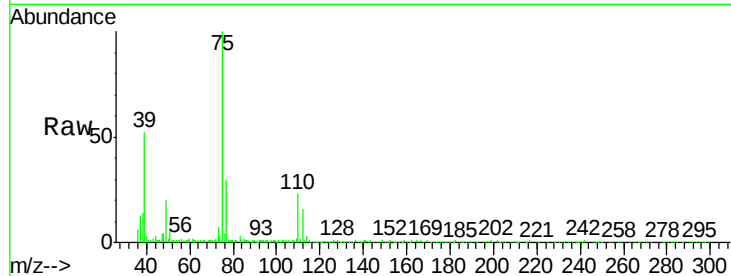


#49

cis-1,3-Dichloropropene
Concen: 4.558 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

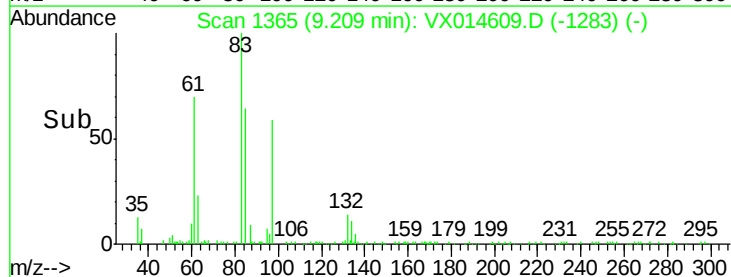
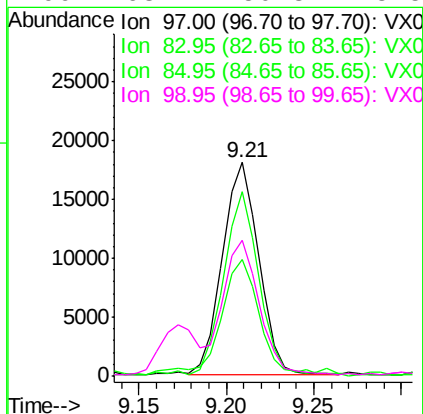
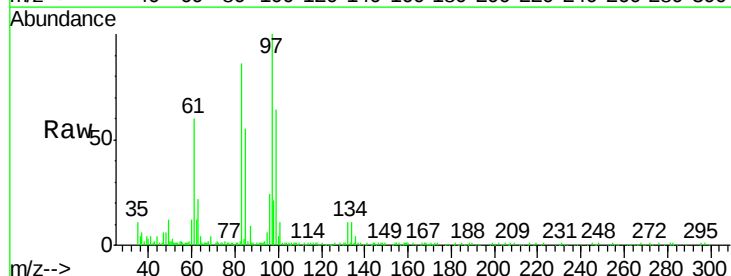
Tgt Ion:	75	Resp:	37148
Ion	Ratio	Lower	Upper
75	100		
77	29.2	24.8	37.2
39	51.3	41.1	61.7

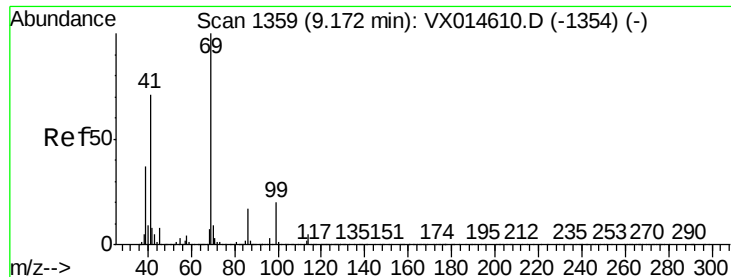


#50

1,1,2-Trichloroethane
Concen: 4.973 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:	97	Resp:	26319
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.1	102.1
85	53.8	42.7	64.1
99	63.4	50.3	75.5





#51

Ethyl methacrylate

Concen: 4.305 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

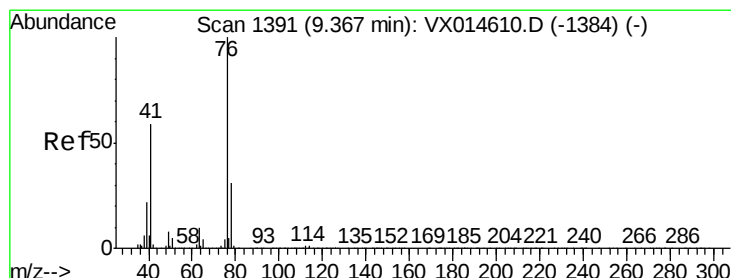
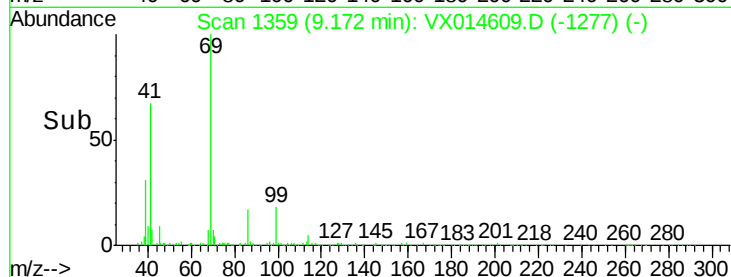
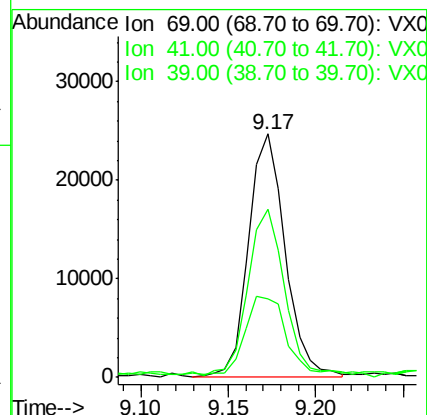
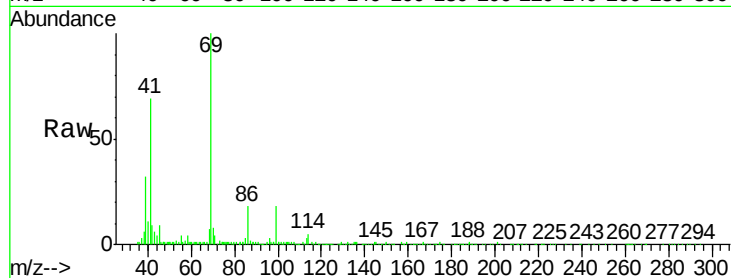
Tgt Ion: 69 Resp: 36240

Ion Ratio Lower Upper

69 100

41 67.1 35.4 106.1

39 30.9 17.8 53.3



#52

1,3-Dichloropropane

Concen: 4.991 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014609.D

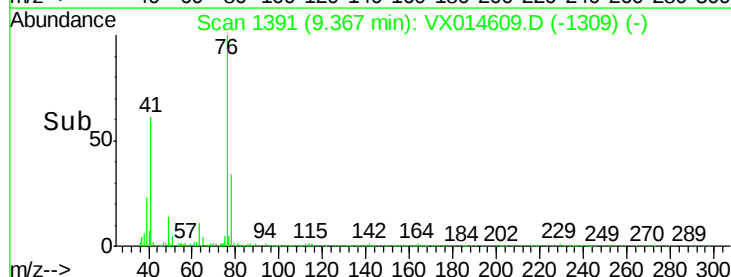
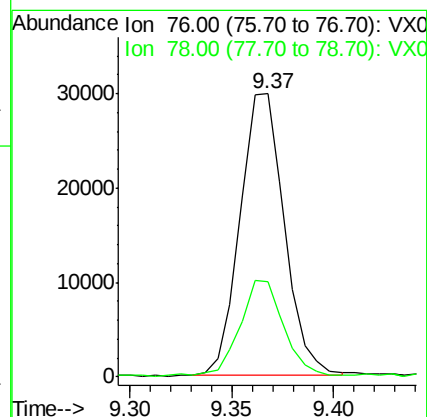
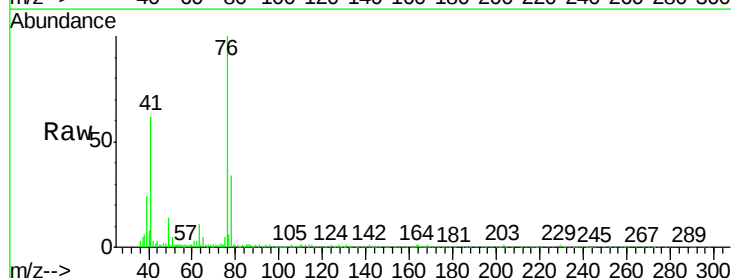
Acq: 15 Jan 2020 10:47

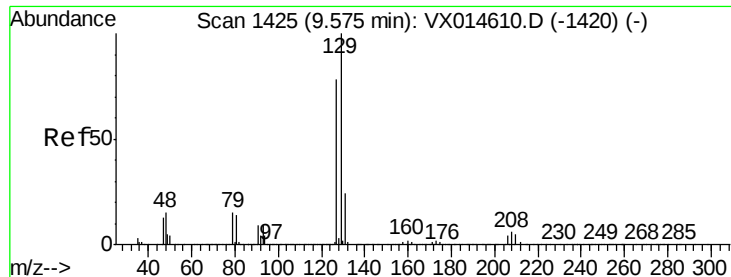
Tgt Ion: 76 Resp: 44883

Ion Ratio Lower Upper

76 100

78 33.1 0.0 63.4





#53

Dibromochloromethane

Concen: 4.637 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

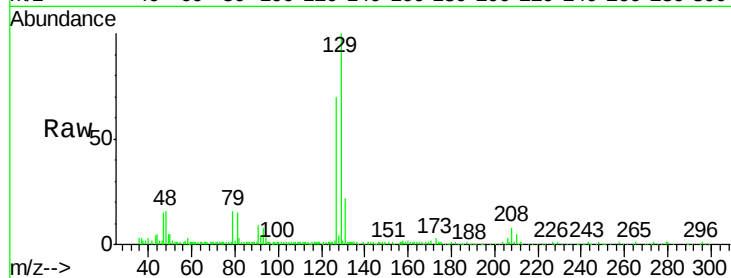
VSTDIC005

Tgt Ion:129 Resp: 24539

Ion Ratio Lower Upper

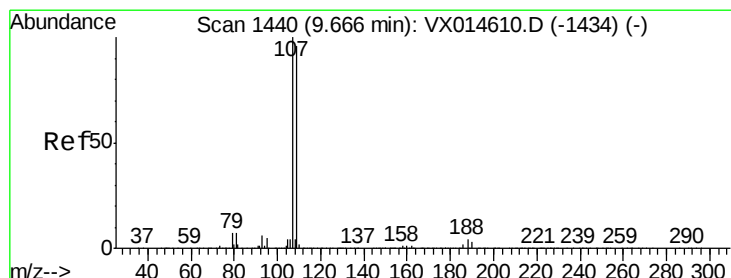
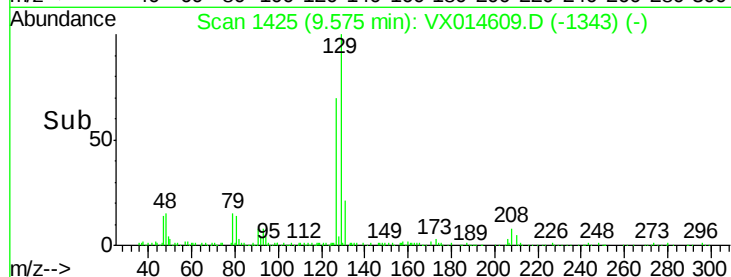
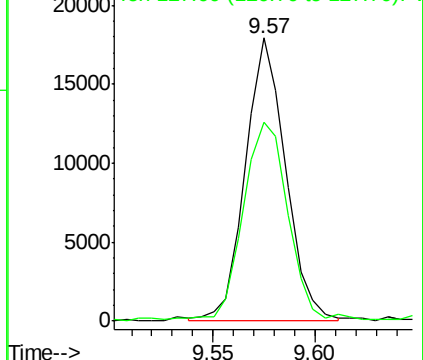
129 100

127 76.8 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.806 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014609.D

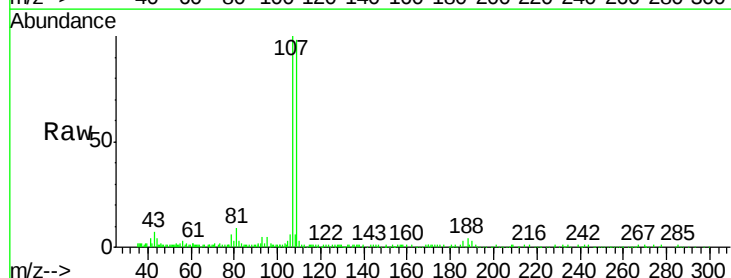
Acq: 15 Jan 2020 10:47

Tgt Ion:107 Resp: 26192

Ion Ratio Lower Upper

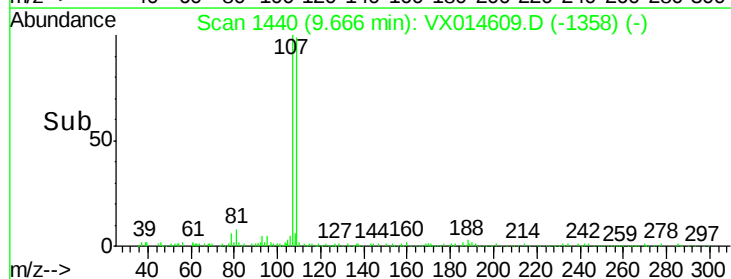
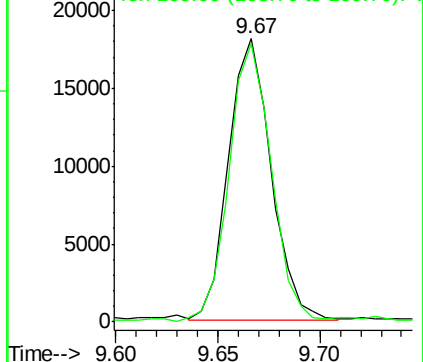
107 100

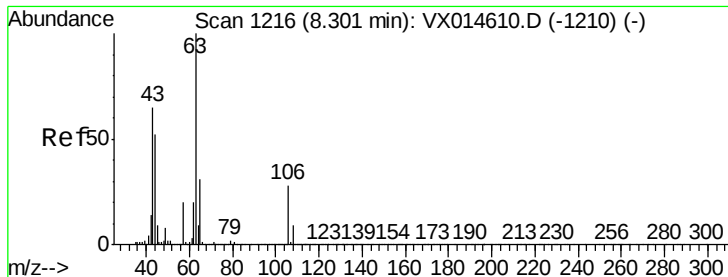
109 98.1 77.2 115.8



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: 25.684 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

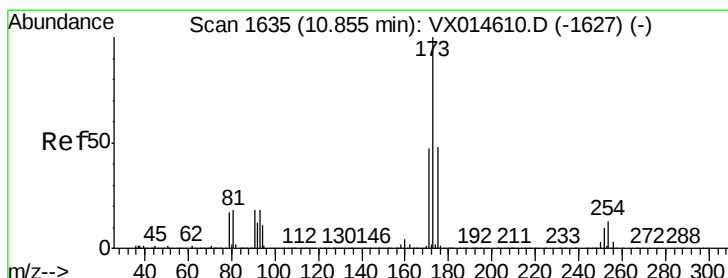
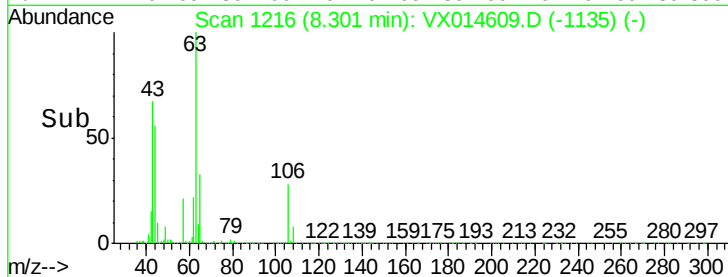
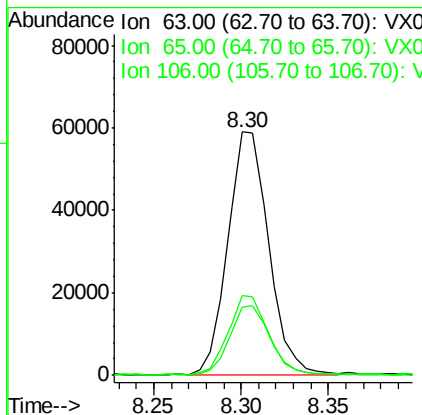
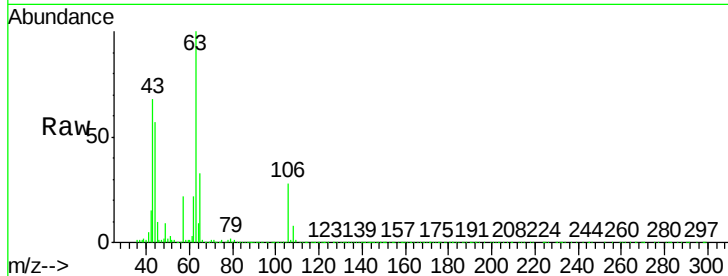
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	63	Resp:	95317
Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.6
106	28.2	22.9	34.3



#56

Bromoform

Concen: 4.180 ug/l

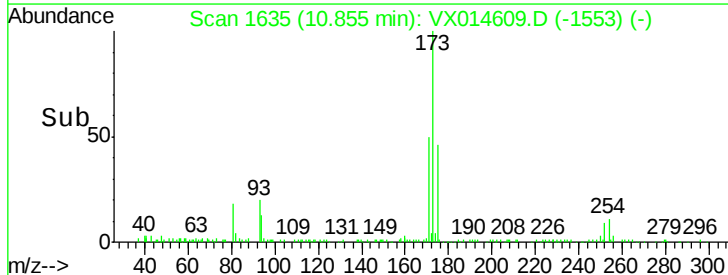
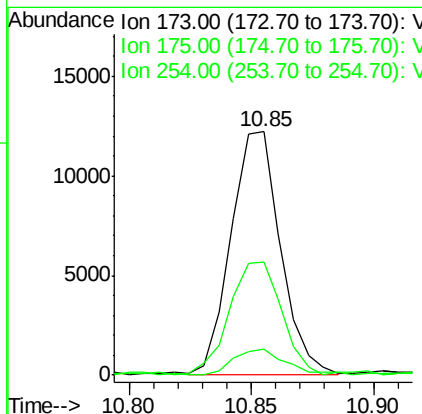
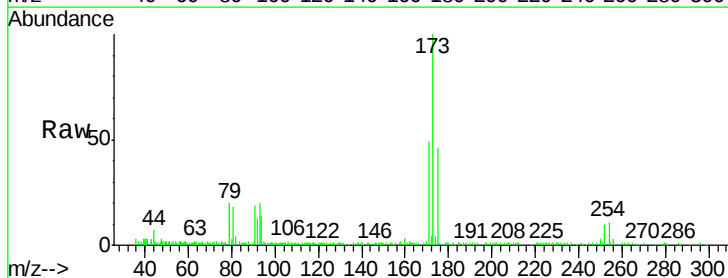
RT: 10.85 min Scan# 1635

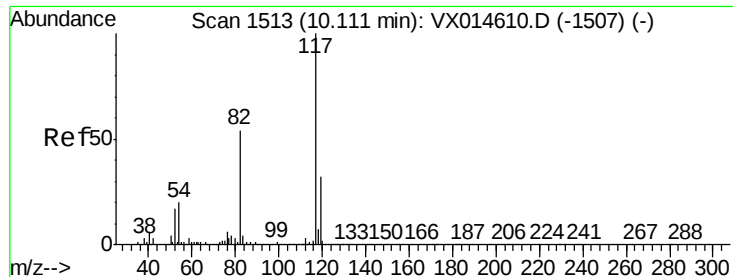
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	173	Resp:	17253
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.5	59.3
254	10.7	8.2	12.4

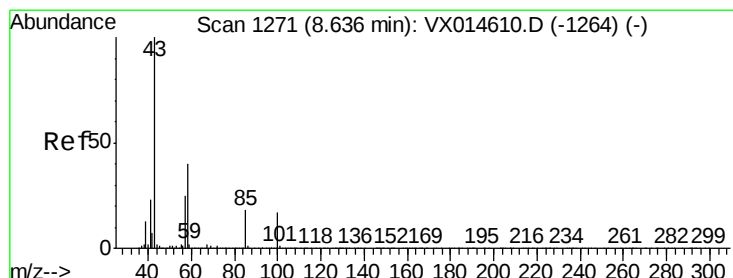
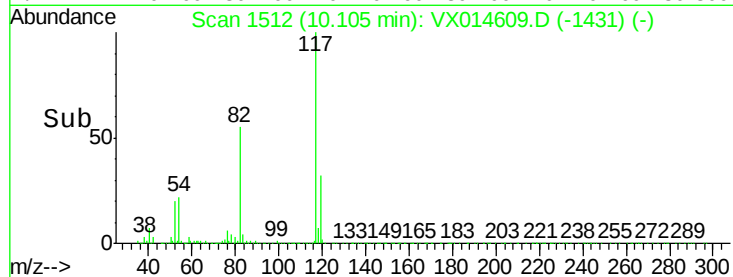
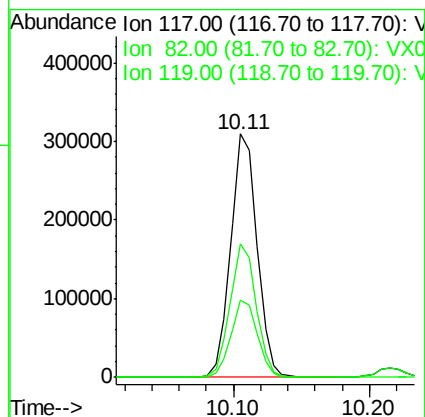
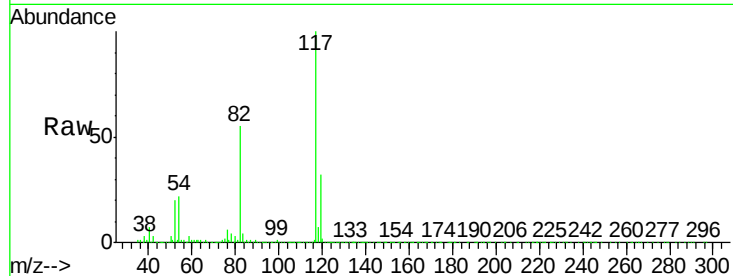




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

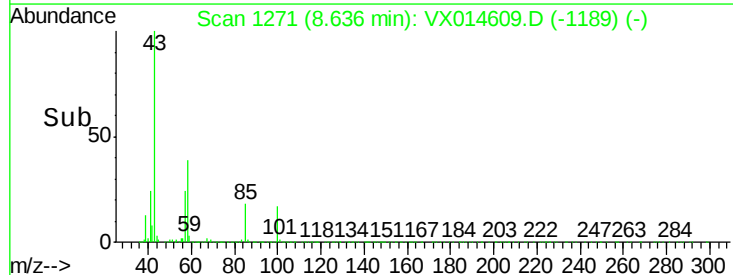
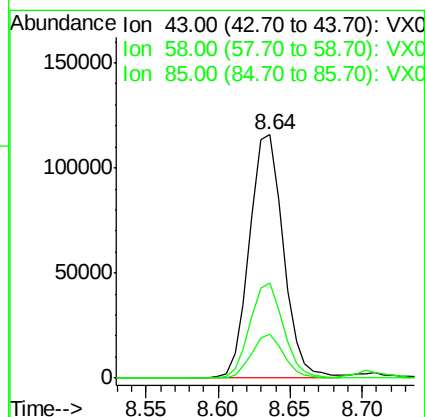
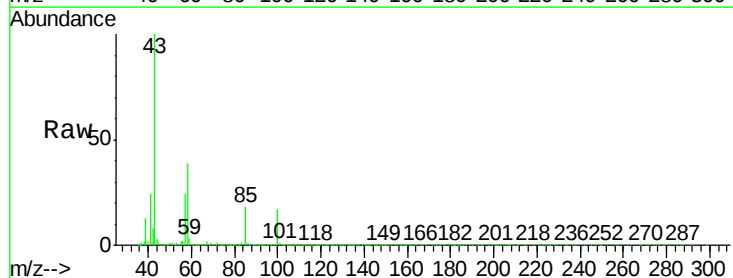
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

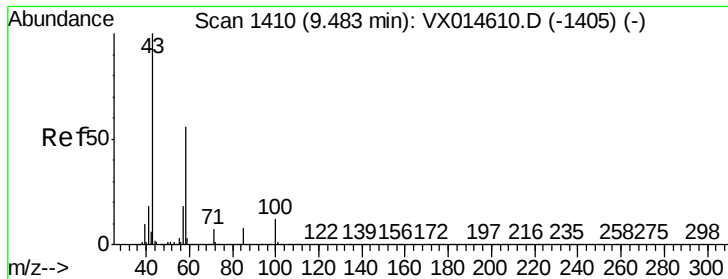
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 24.046 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.2	46.8
85	17.1	14.2	21.2

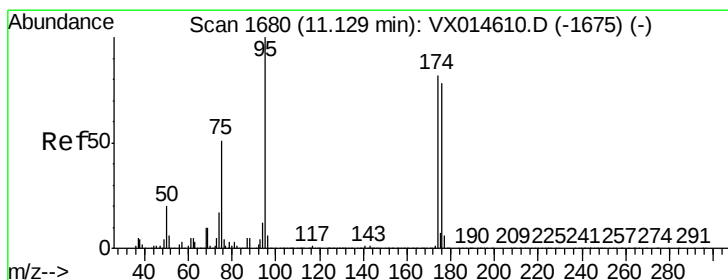
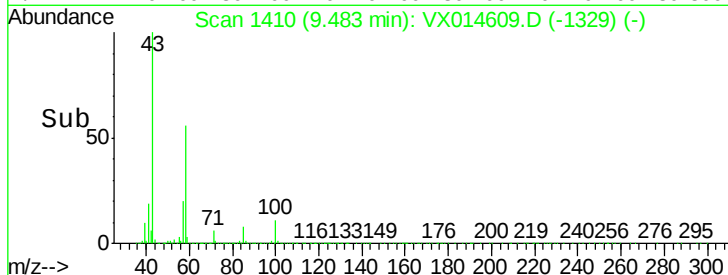
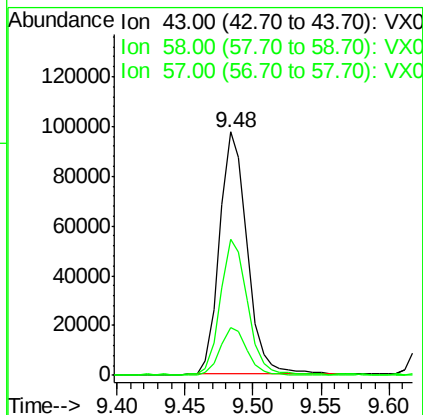
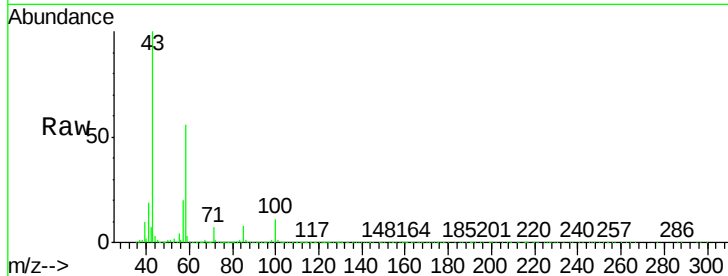




#59
2-Hexanone
Concen: 22.980 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

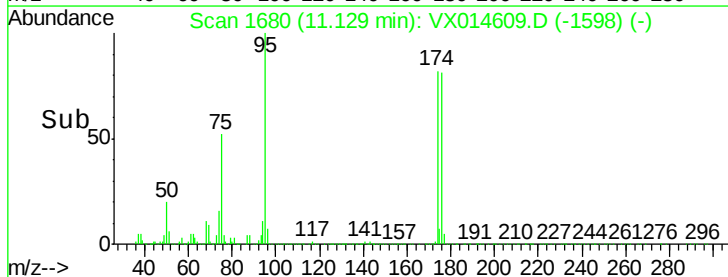
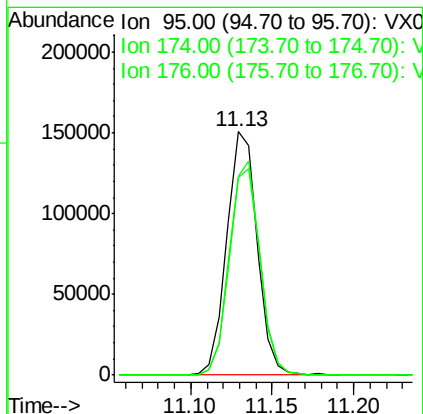
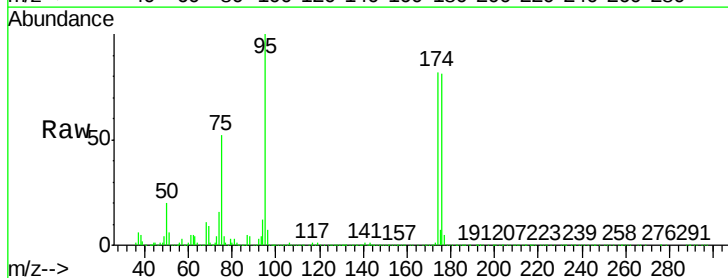
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

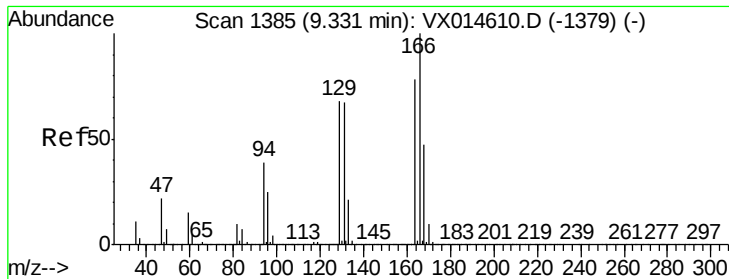
Tgt Ion: 43 Resp: 136145
Ion Ratio Lower Upper
43 100
58 54.4 43.8 65.6
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 28.863 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 95 Resp: 194465
Ion Ratio Lower Upper
95 100
174 88.8 70.2 105.2
176 86.3 68.3 102.5

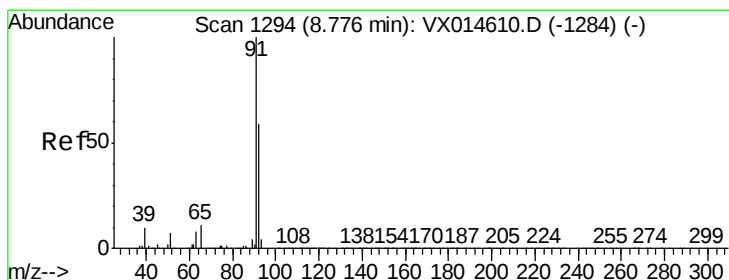
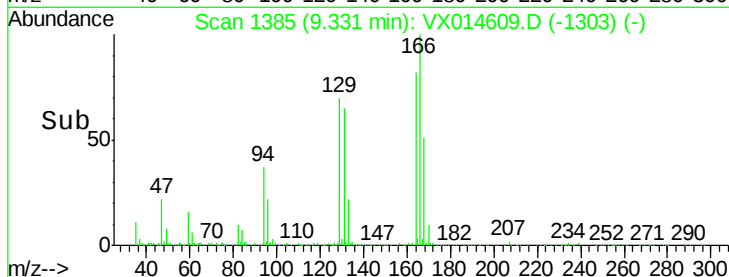
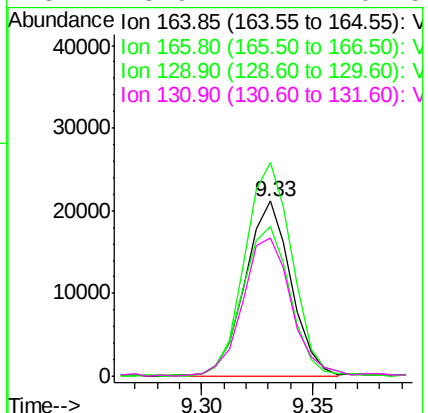
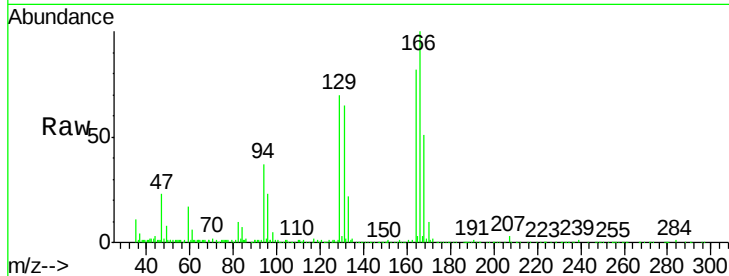




#61
Tetrachloroethene
Concen: 5.487 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

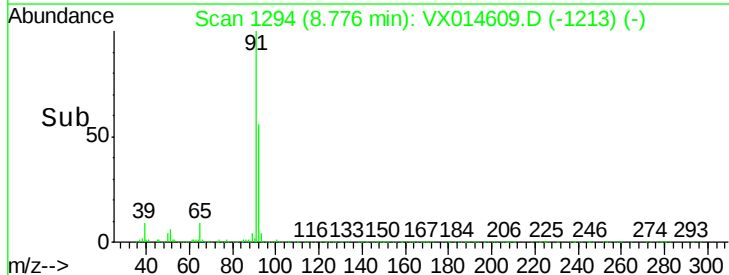
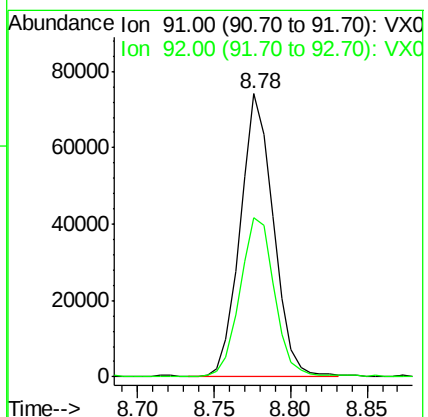
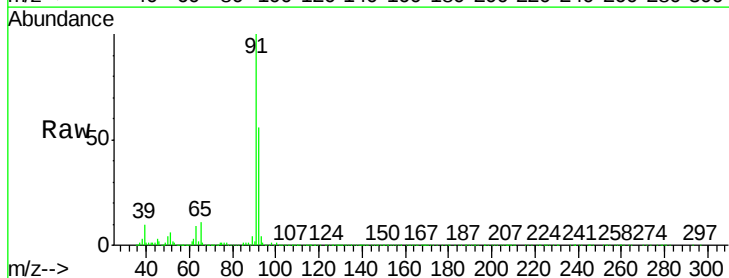
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

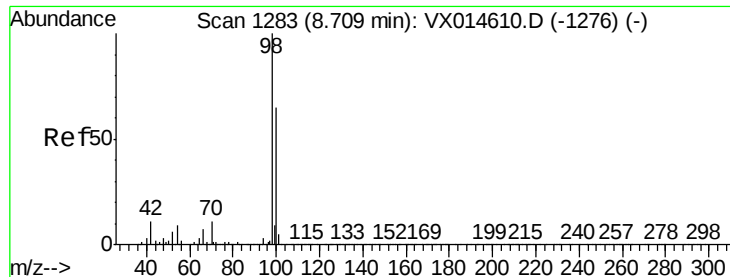
Tgt Ion:164 Resp: 30286
Ion Ratio Lower Upper
164 100
166 123.1 104.2 156.2
129 86.0 71.6 107.4
131 78.9 71.7 107.5



#62
Toluene
Concen: 4.998 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 91 Resp: 110915
Ion Ratio Lower Upper
91 100
92 58.5 46.4 69.6





#63

Toluene-d8

Concen: 31.081 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

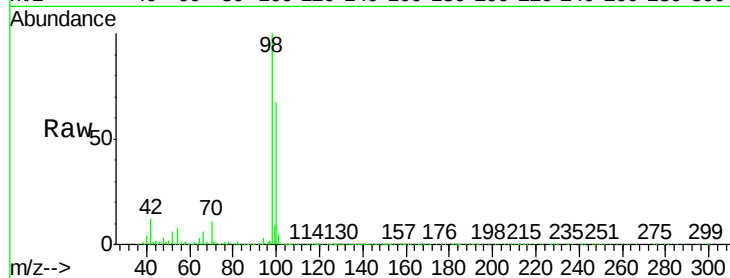
VSTDIC005

Tgt Ion: 98 Resp: 579647

Ion Ratio Lower Upper

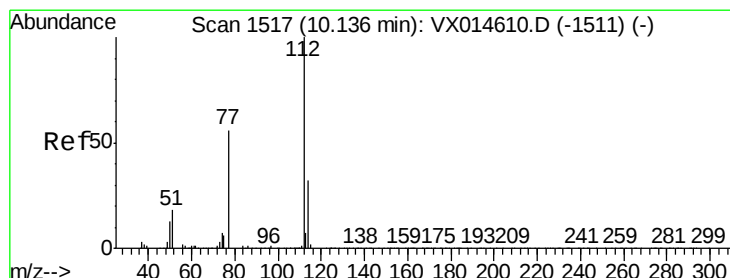
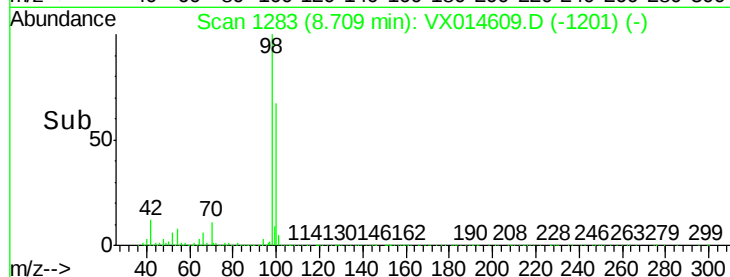
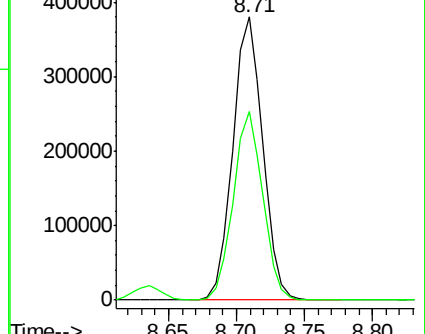
98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 4.918 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014609.D

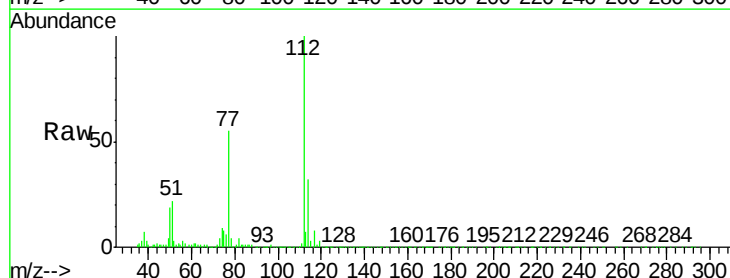
Acq: 15 Jan 2020 10:47

Tgt Ion: 112 Resp: 68375

Ion Ratio Lower Upper

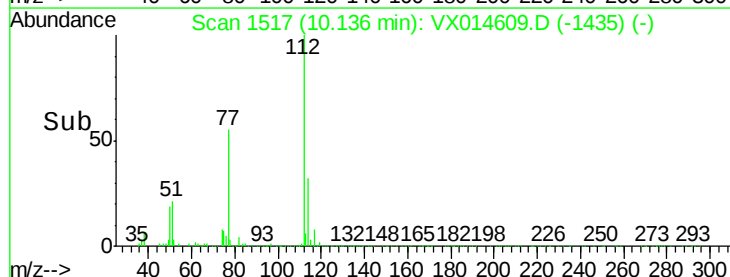
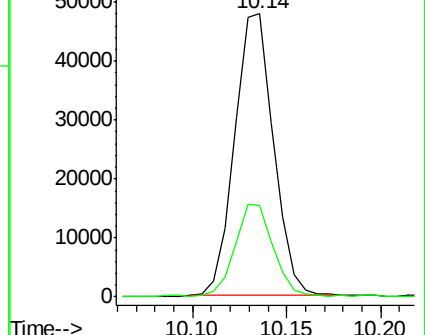
112 100

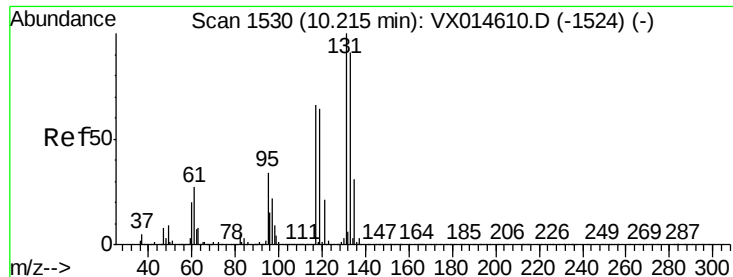
114 32.6 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

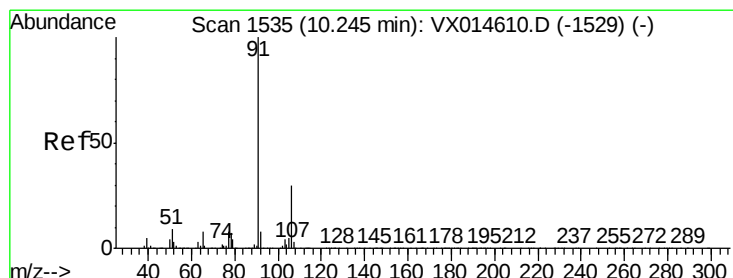
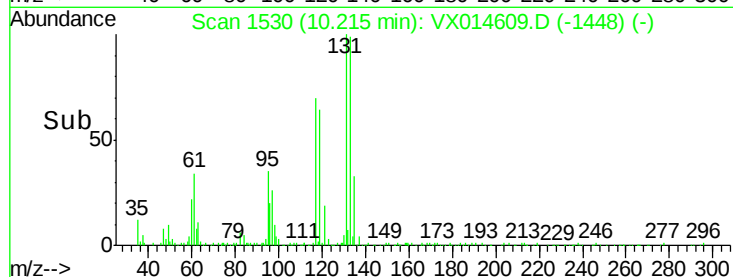
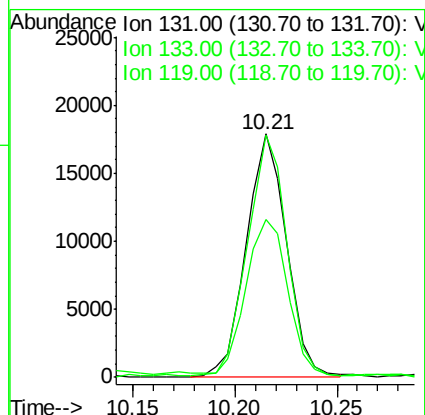
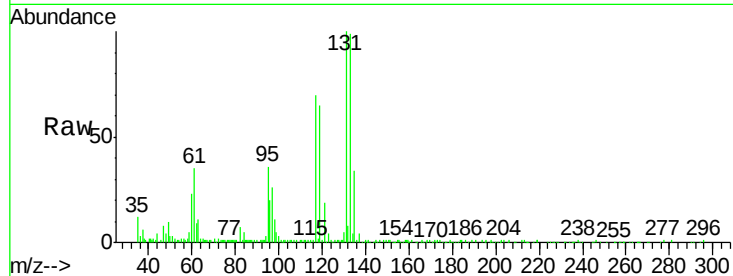




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.774 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

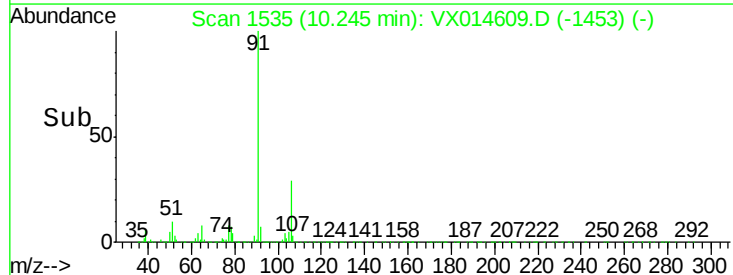
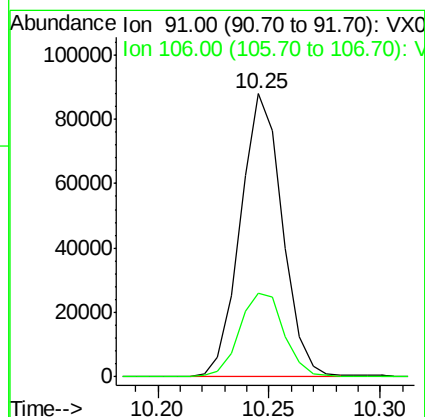
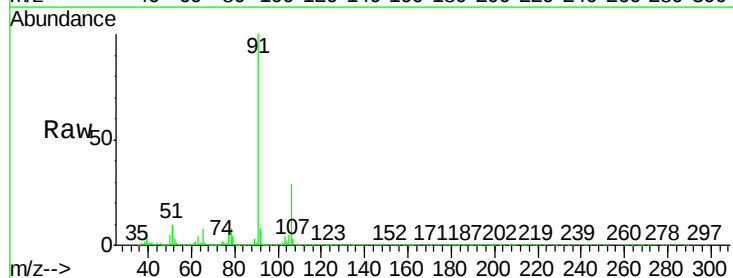
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

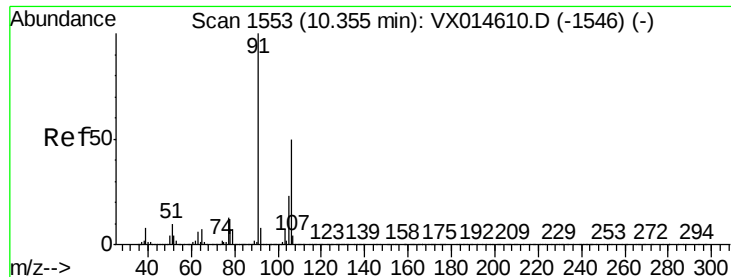
Tgt Ion: 131 Resp: 24578
 Ion Ratio Lower Upper
 131 100
 133 96.9 0.0 189.8
 119 66.7 0.0 132.2



#66
 Ethyl Benzene
 Concen: 4.736 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion: 91 Resp: 115013
 Ion Ratio Lower Upper
 91 100
 106 29.4 24.2 36.2

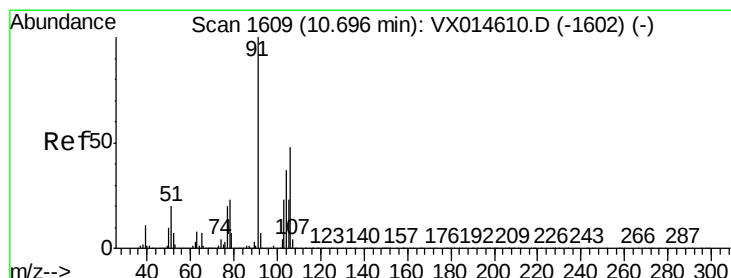
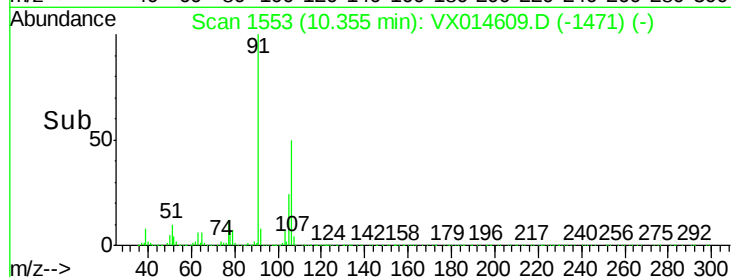
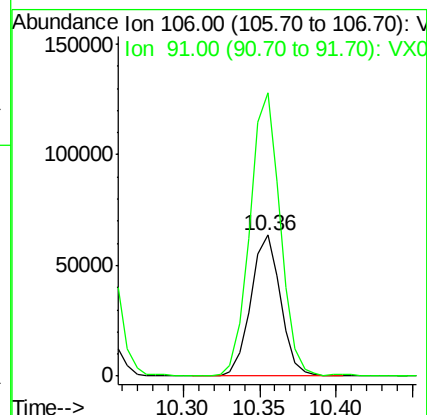
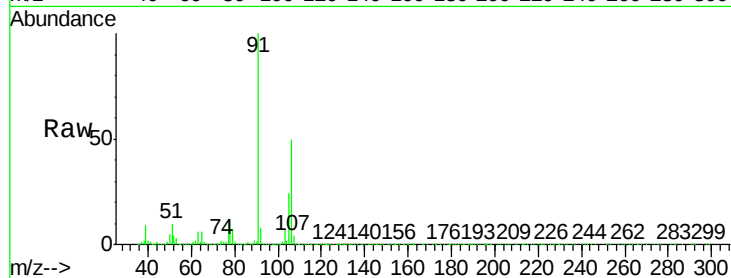




#67
m/p-Xylenes
Concen: 9.239 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

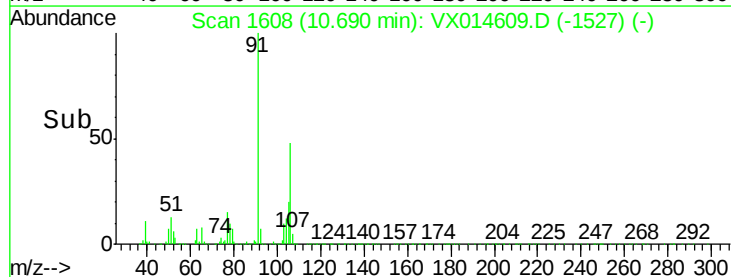
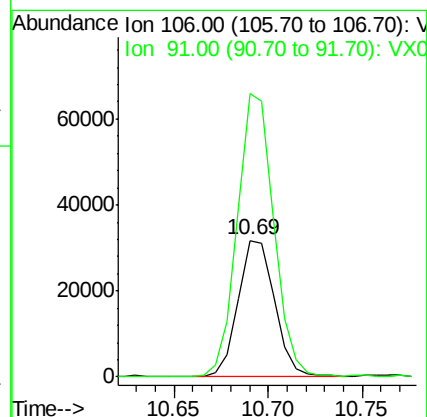
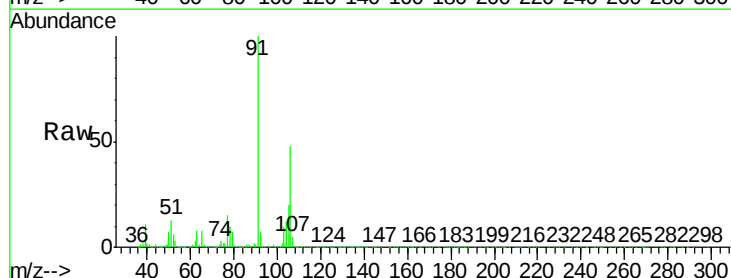
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

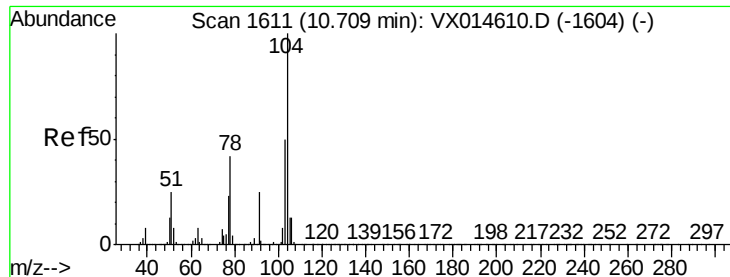
Tgt Ion:106 Resp: 85764
Ion Ratio Lower Upper
106 100
91 203.0 159.3 238.9



#68
o-Xylene
Concen: 4.604 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:106 Resp: 42345
Ion Ratio Lower Upper
106 100
91 208.3 104.8 314.6





#69

Styrene

Concen: 4.262 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

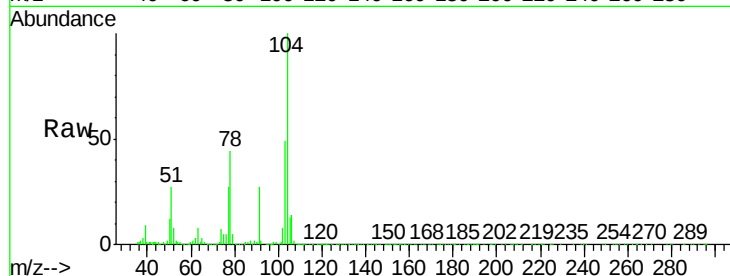
Tgt Ion:104 Resp: 66651

Ion Ratio Lower Upper

104 100

78 50.5 38.9 58.3

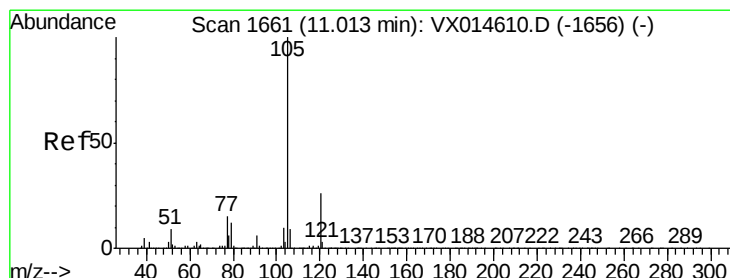
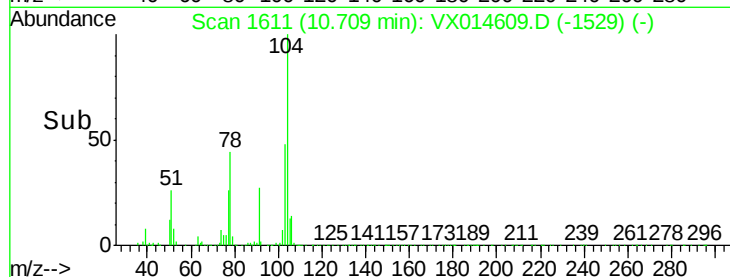
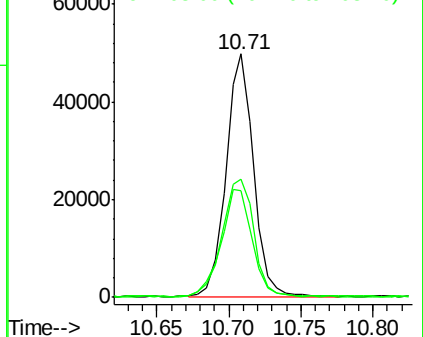
103 56.0 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 4.702 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014609.D

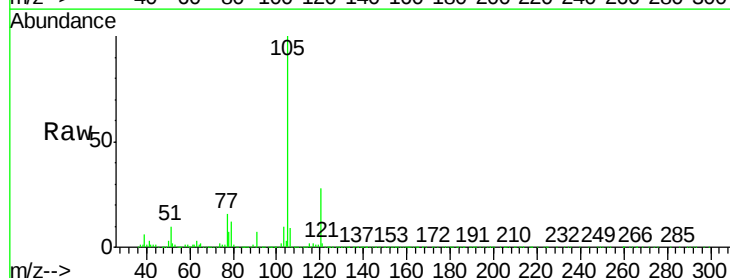
Acq: 15 Jan 2020 10:47

Tgt Ion:105 Resp: 111746

Ion Ratio Lower Upper

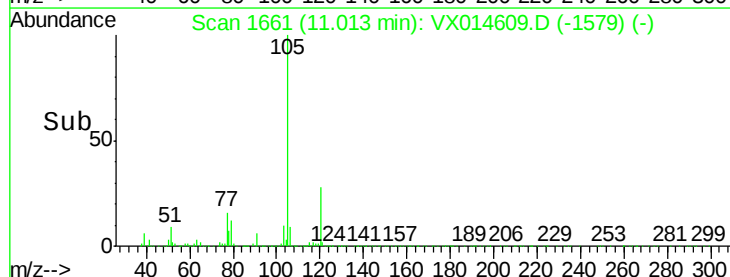
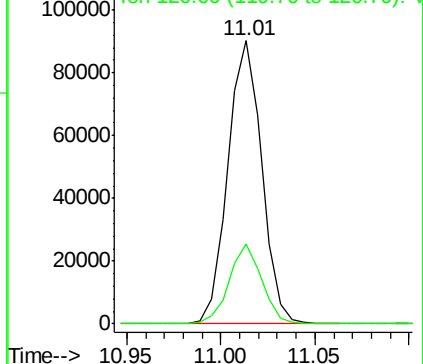
105 100

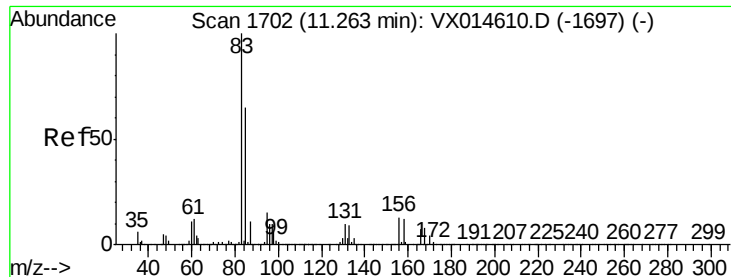
120 27.5 19.1 35.5



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: 4.545 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

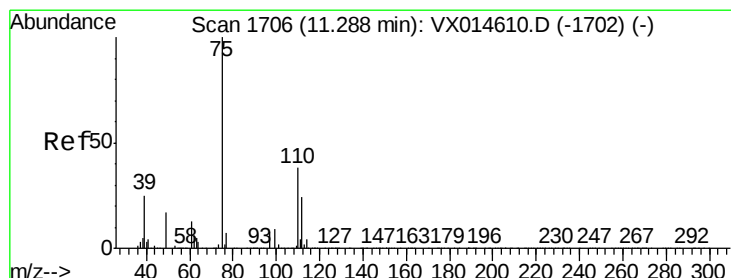
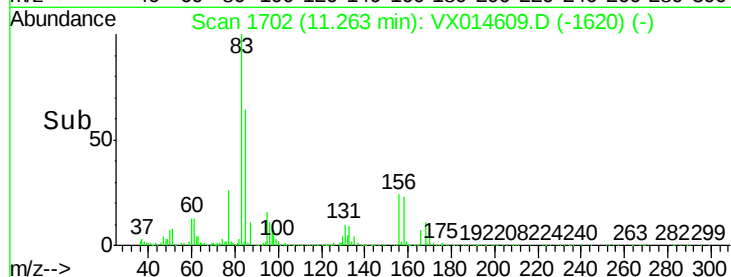
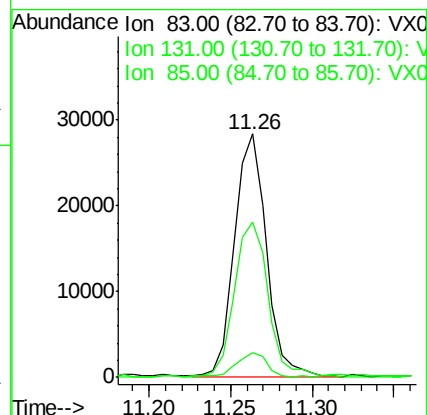
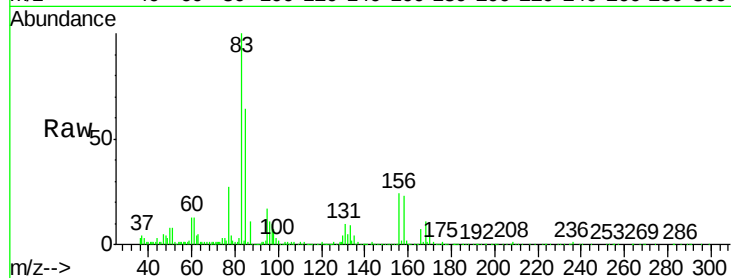
Tgt Ion: 83 Resp: 38307

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 67.4 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 5.467 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014609.D

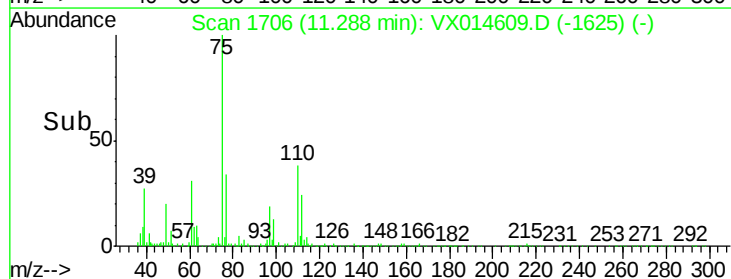
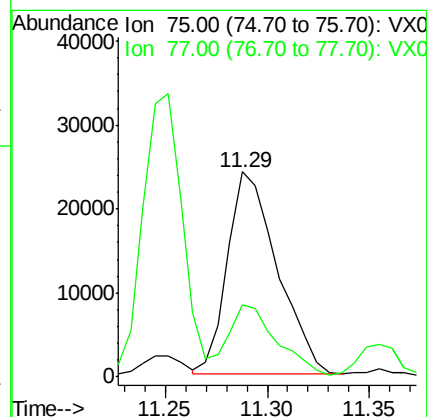
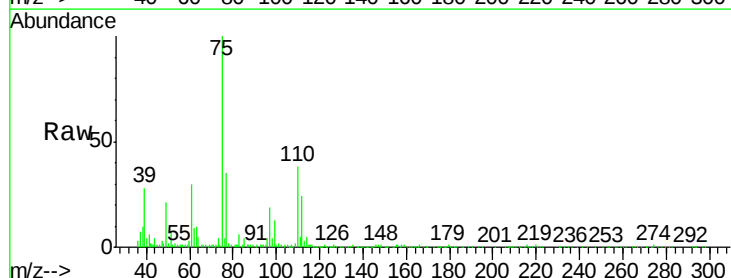
Acq: 15 Jan 2020 10:47

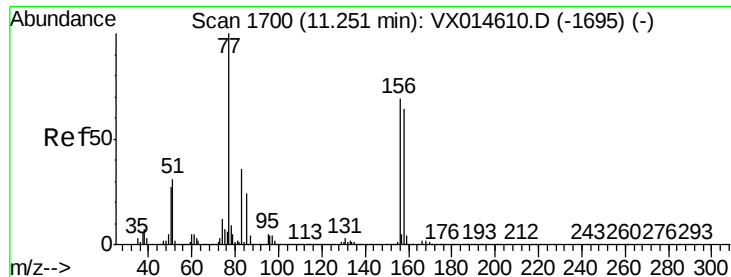
Tgt Ion: 75 Resp: 41011

Ion Ratio Lower Upper

75 100

77 33.3 0.0 68.4

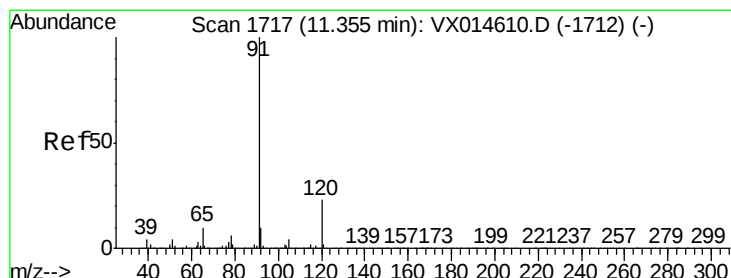
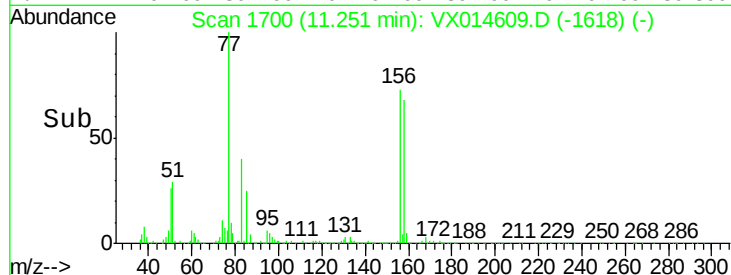
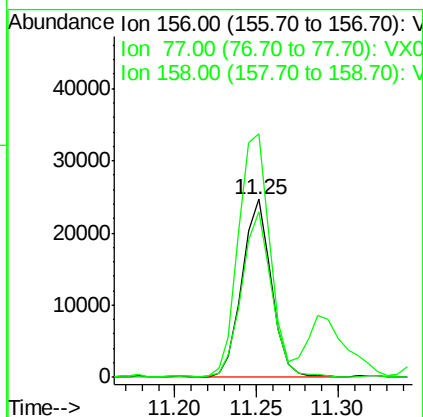
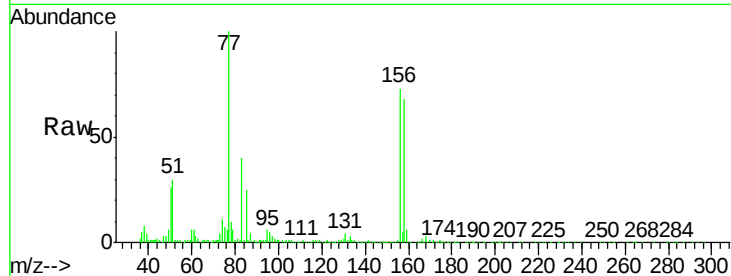




#73
Bromobenzene
Concen: 4.860 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

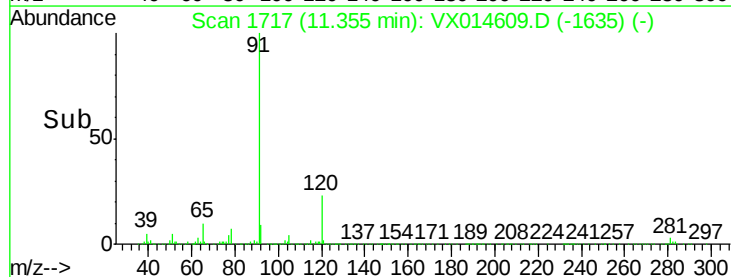
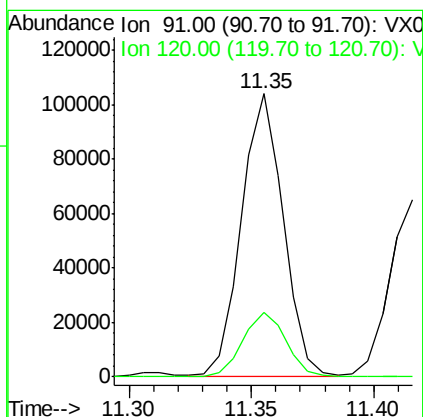
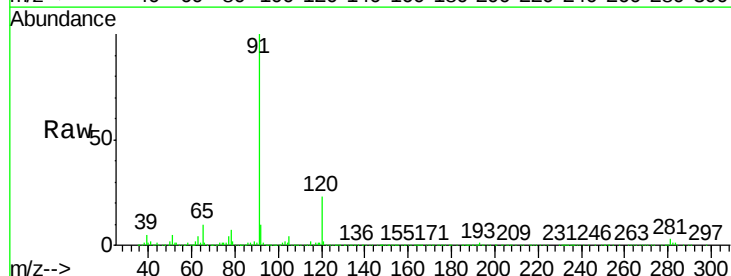
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

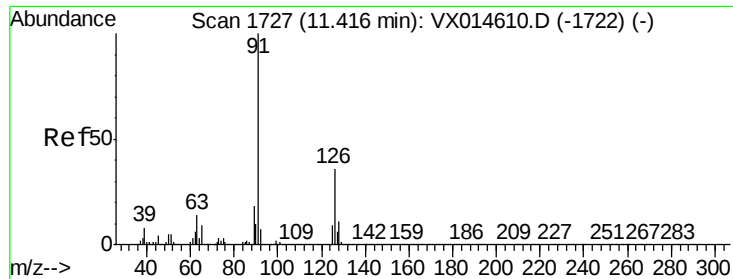
Tgt Ion: 156 Resp: 30831
Ion Ratio Lower Upper
156 100
77 146.9 0.0 304.6
158 95.0 0.0 195.2



#74
n-propylbenzene
Concen: 4.594 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 91 Resp: 123819
Ion Ratio Lower Upper
91 100
120 23.2 0.0 44.8





#75

2-Chlorotoluene

Concen: 4.898 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

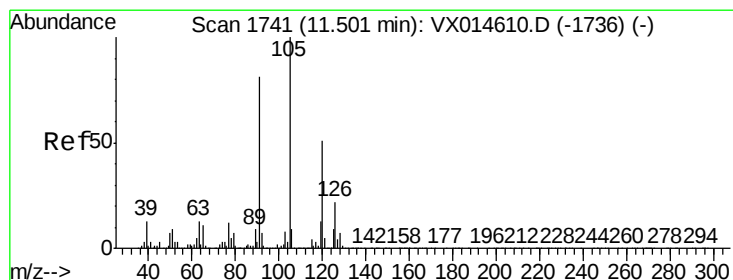
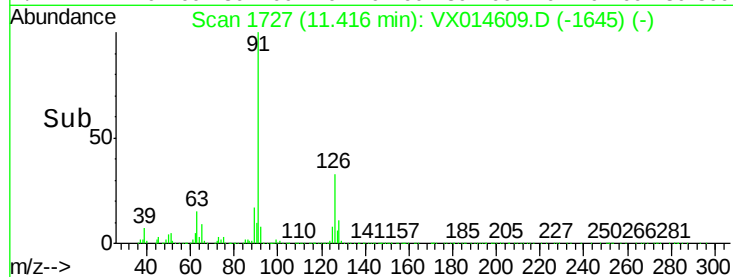
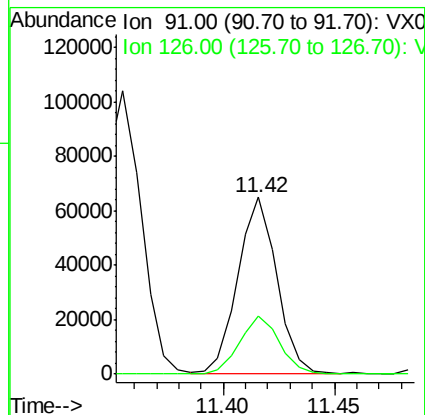
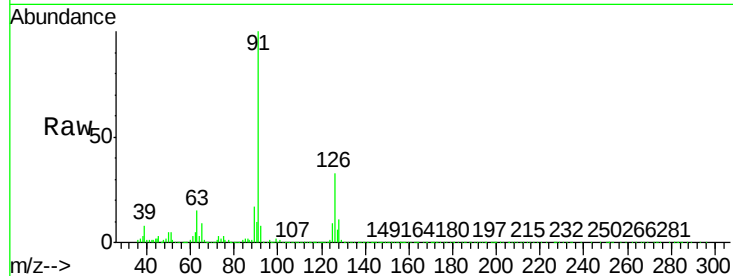
VSTDIC005

Tgt Ion: 91 Resp: 79774

Ion Ratio Lower Upper

91 100

126 33.8 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 4.426 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014609.D

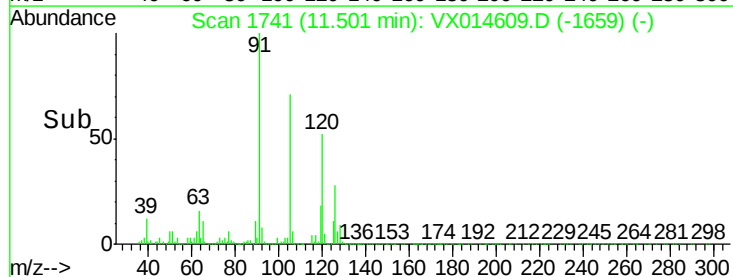
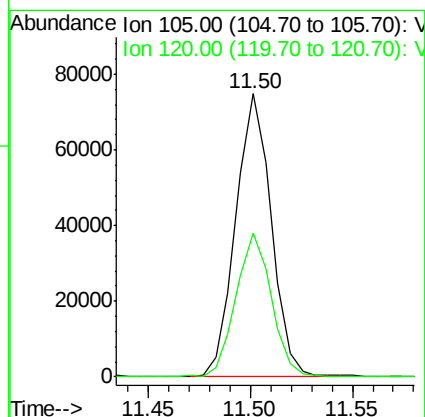
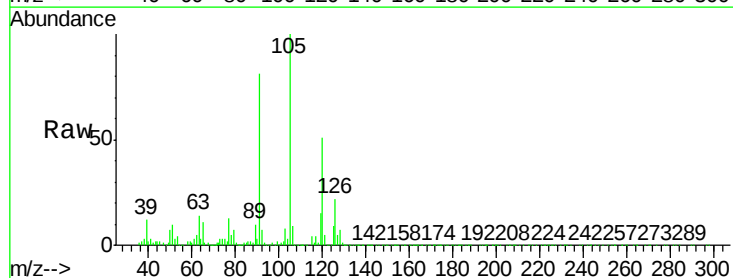
Acq: 15 Jan 2020 10:47

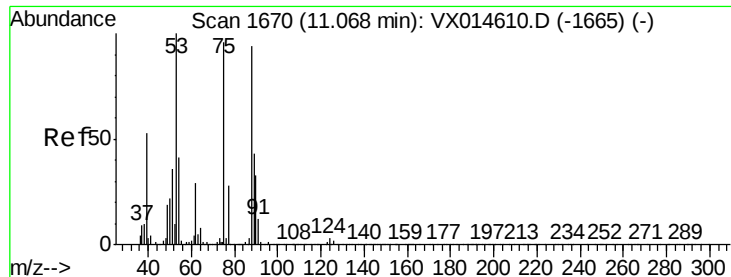
Tgt Ion: 105 Resp: 89239

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 3.772 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

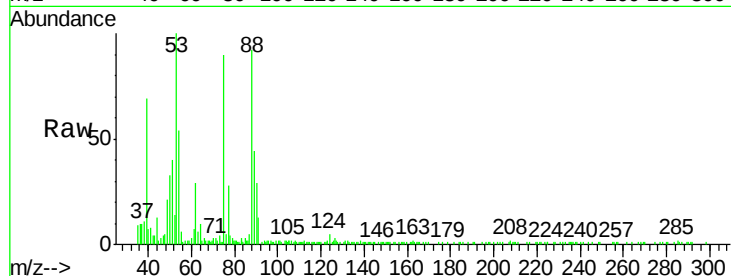
Tgt Ion: 75 Resp: 9344

Ion Ratio Lower Upper

75 100

53 109.3 54.4 163.1

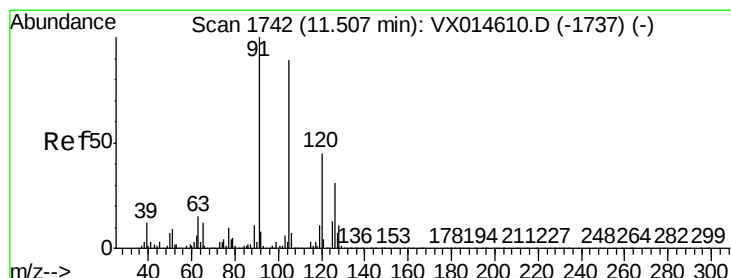
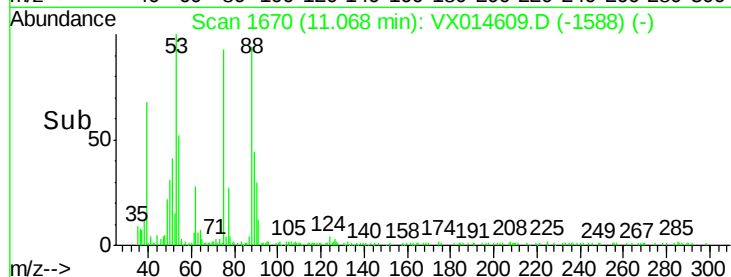
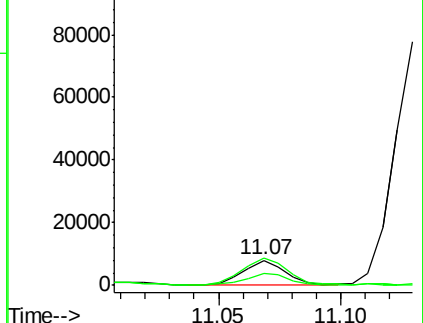
89 47.8 21.9 65.5



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: 4.670 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014609.D

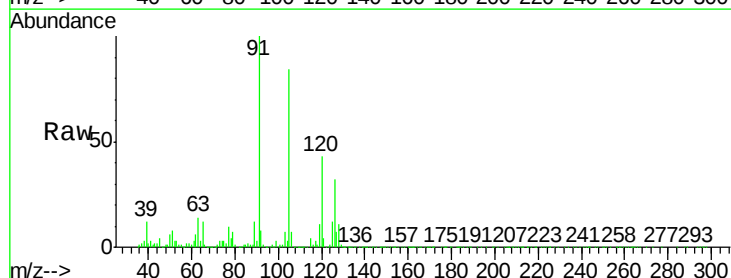
Acq: 15 Jan 2020 10:47

Tgt Ion: 91 Resp: 86922

Ion Ratio Lower Upper

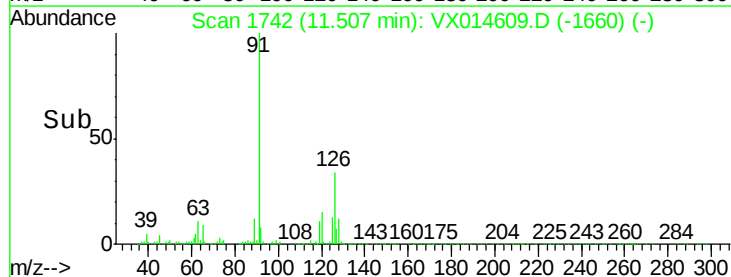
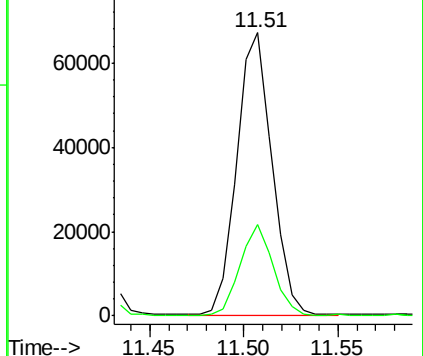
91 100

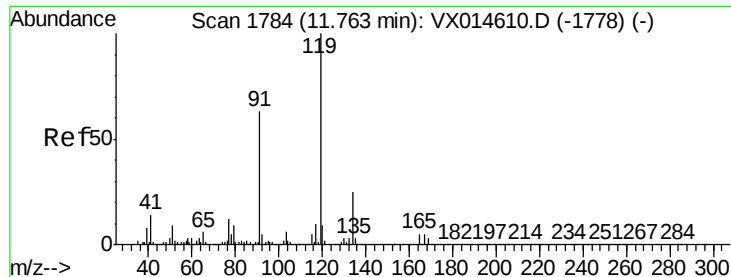
126 29.8 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

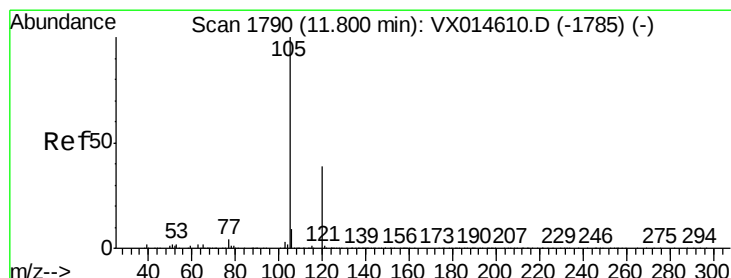
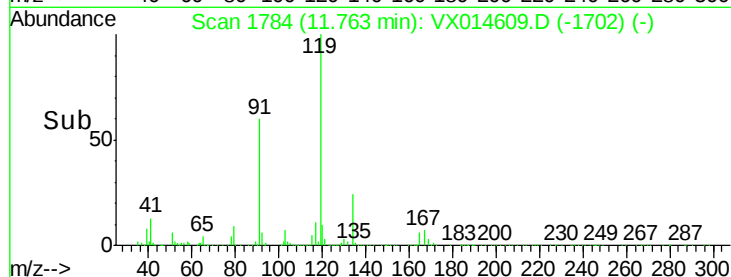
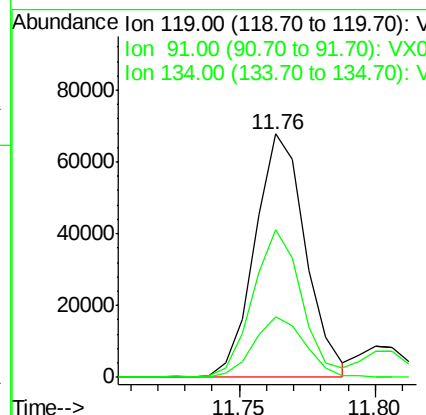
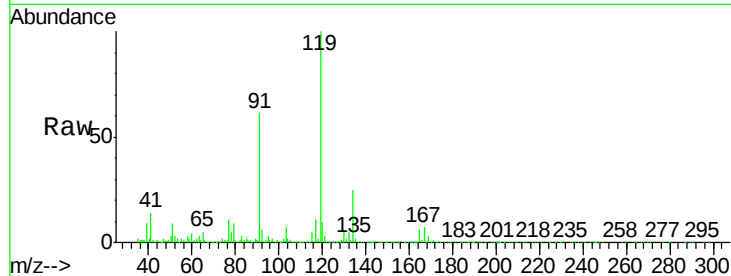




#79
tert-butylbenzene
Concen: 4.495 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

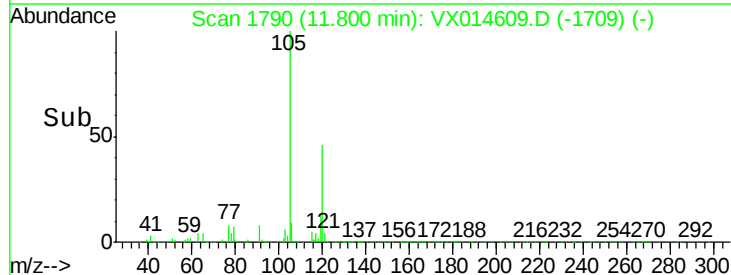
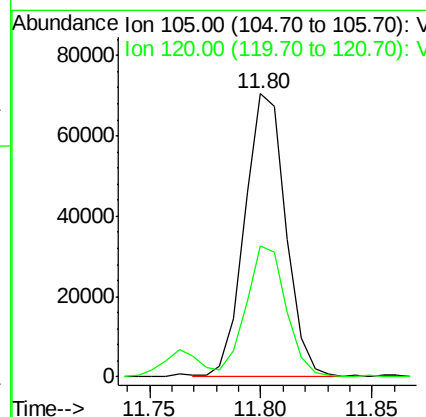
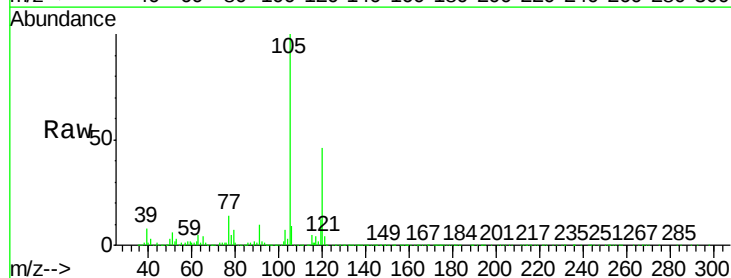
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

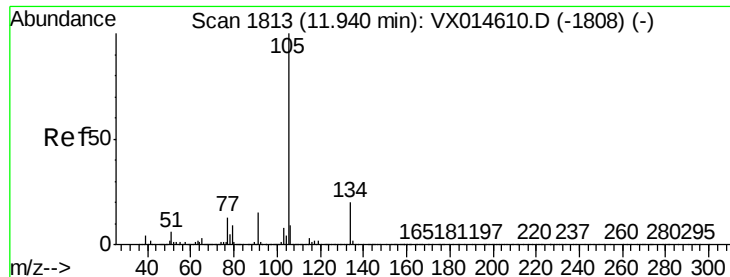
Tgt Ion:119 Resp: 87351
Ion Ratio Lower Upper
119 100
91 58.0 0.0 112.6
134 24.9 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 4.471 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:105 Resp: 90137
Ion Ratio Lower Upper
105 100
120 44.9 0.0 92.0

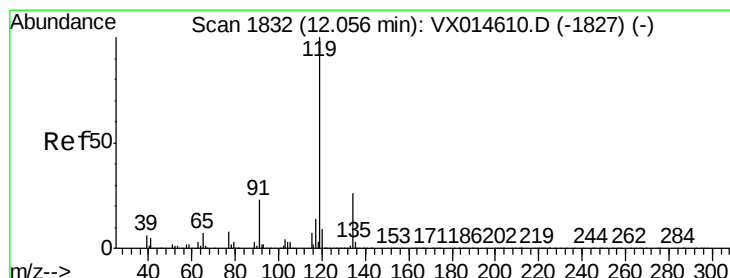
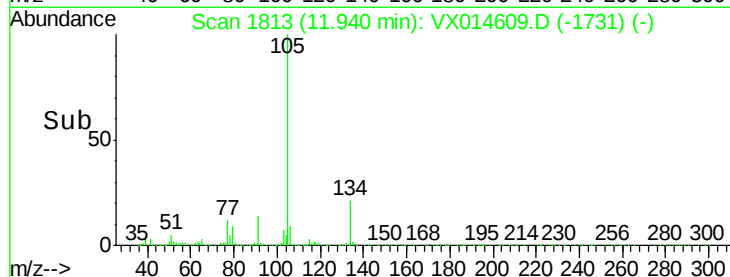
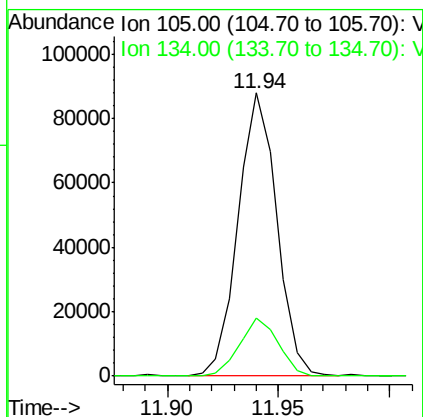
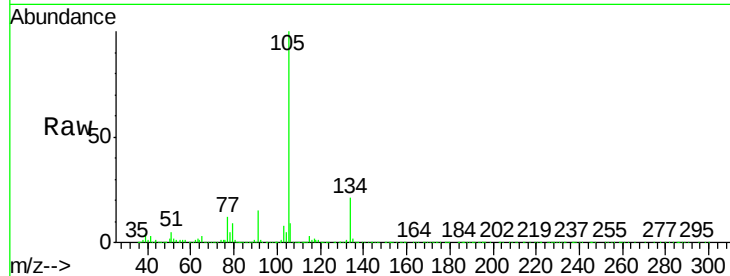




#81
 sec-Butylbenzene
 Concen: 4.603 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

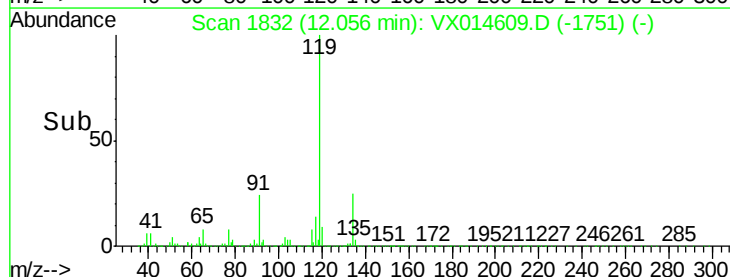
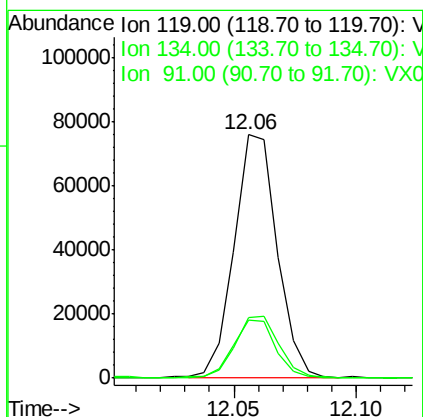
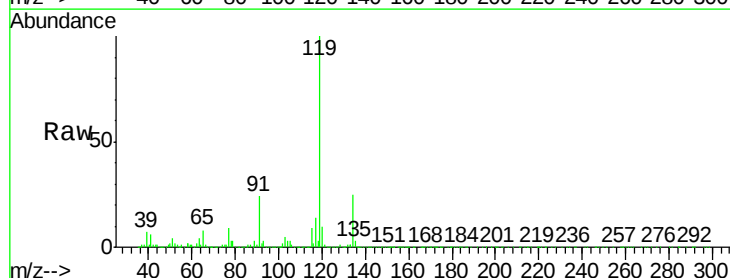
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

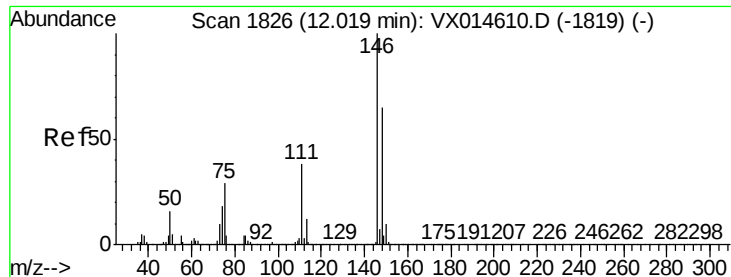
Tgt Ion:105 Resp: 106389
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 4.454 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion:119 Resp: 92894
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.8
 91 23.6 0.0 45.0

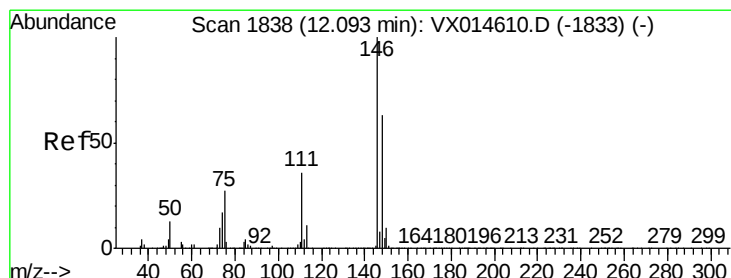
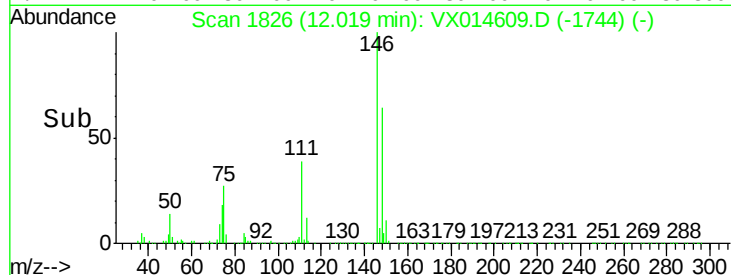
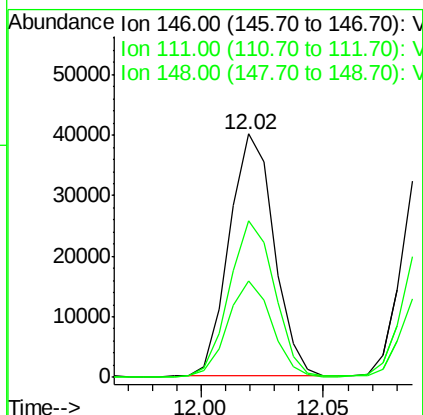
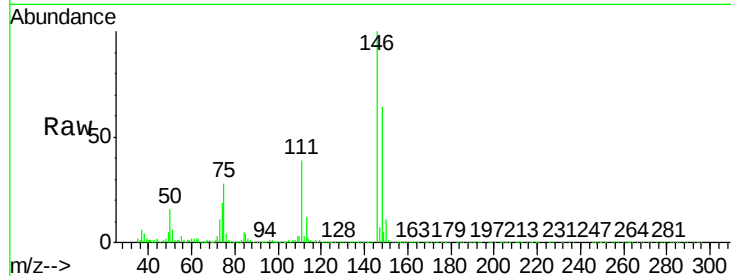




#83
 1,3-Dichlorobenzene
 Concen: 4.614 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

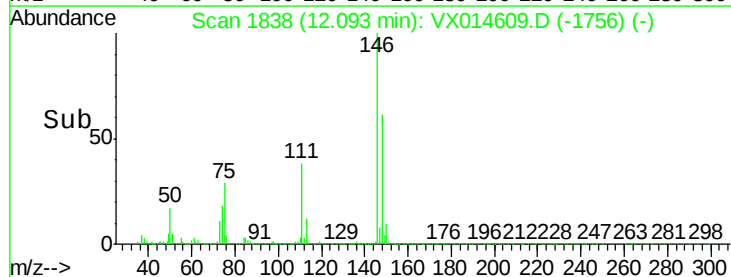
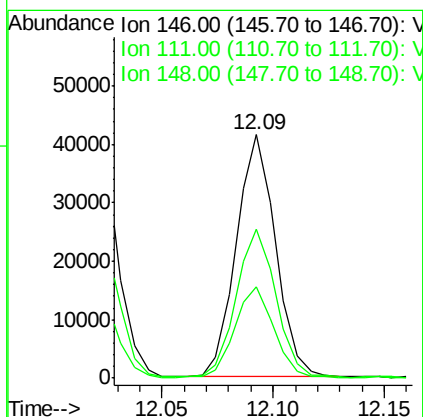
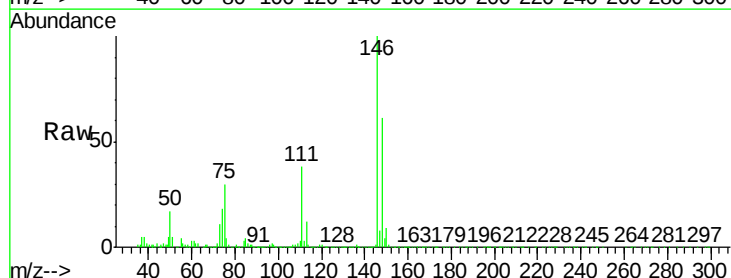
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

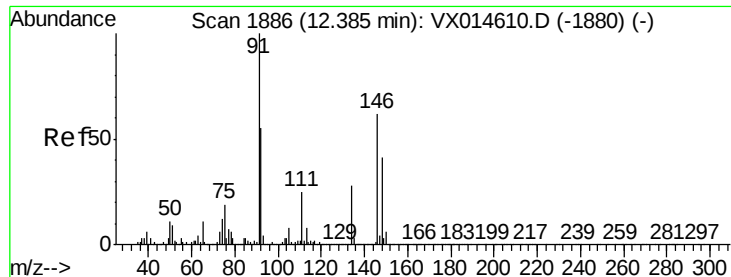
Tgt Ion:146 Resp: 51018
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 65.3 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 4.638 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion:146 Resp: 51072
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.4 55.4
 148 62.3 32.0 96.0

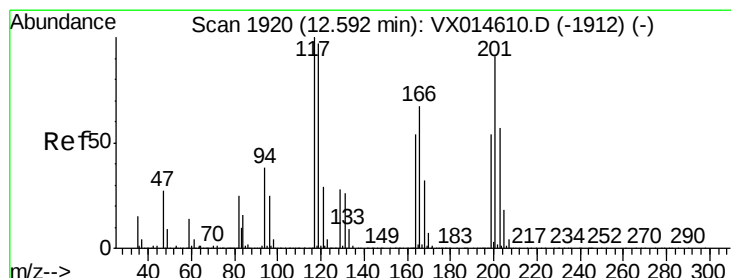
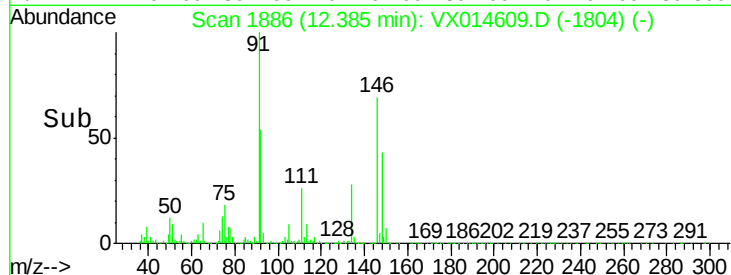
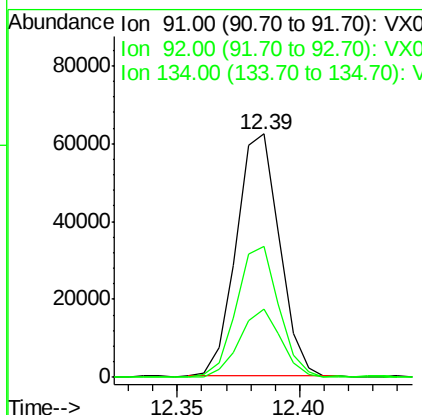
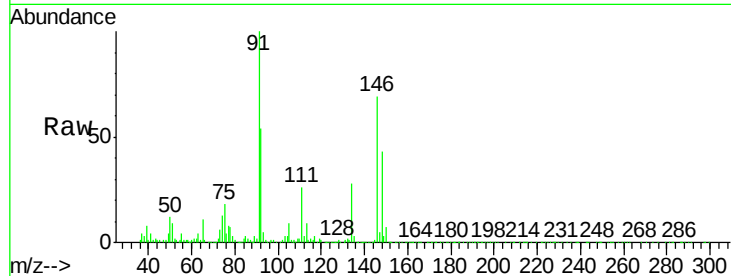




#85
n-Butylbenzene
Concen: 4.356 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

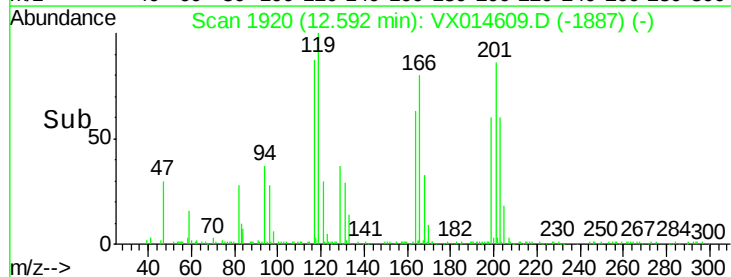
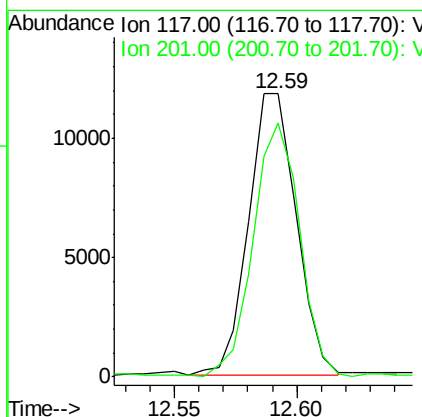
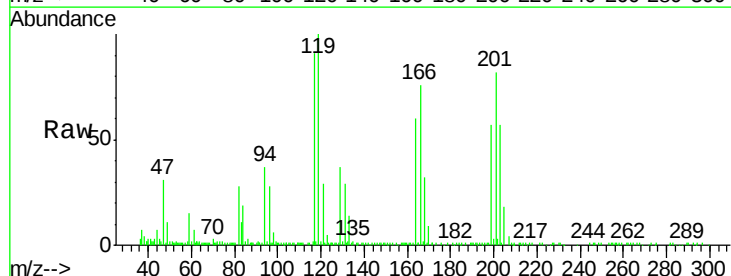
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

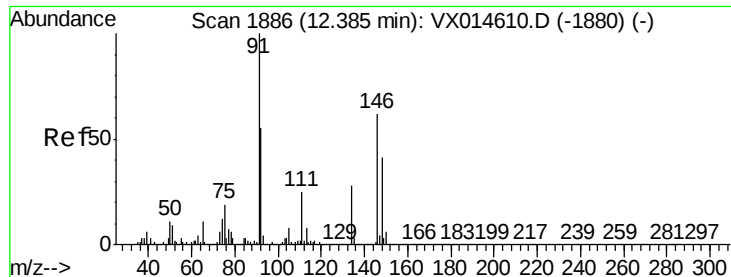
Tgt Ion: 91 Resp: 76386
Ion Ratio Lower Upper
91 100
92 53.2 0.0 109.0
134 26.9 0.0 54.0



#86
Hexachloroethane
Concen: 4.217 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion: 117 Resp: 15958
Ion Ratio Lower Upper
117 100
201 87.9 44.8 134.3

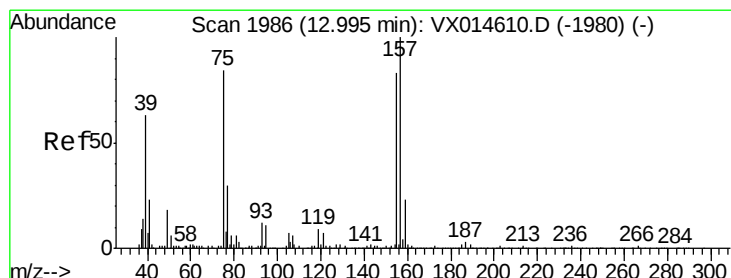
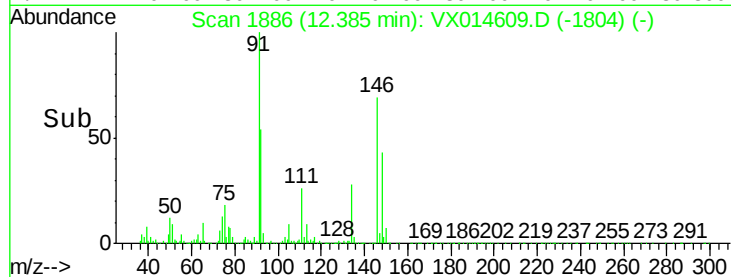
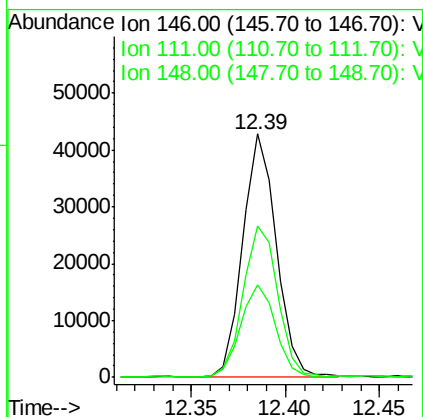
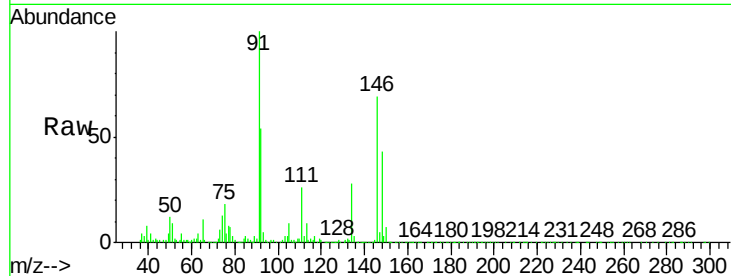




#87
 1,2-Dichlorobenzene
 Concen: 4.736 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

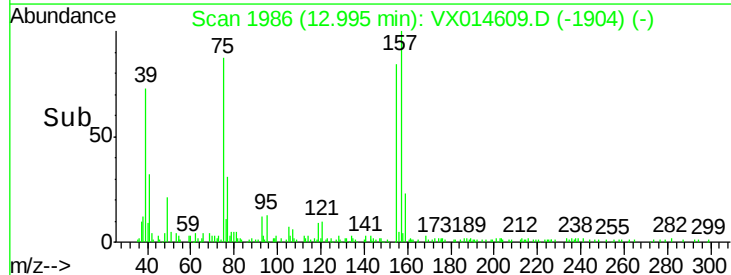
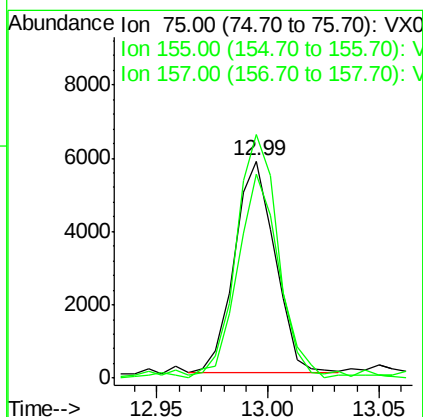
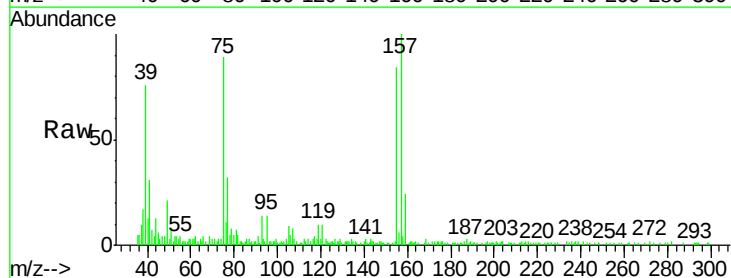
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

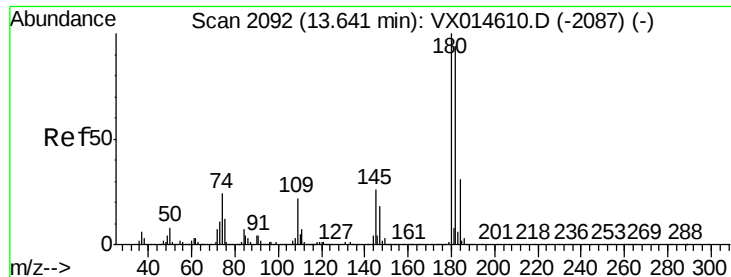
Tgt Ion:146 Resp: 53190
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 63.7 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.359 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion: 75 Resp: 7322
 Ion Ratio Lower Upper
 75 100
 155 97.7 73.8 110.6
 157 119.2 95.0 142.4

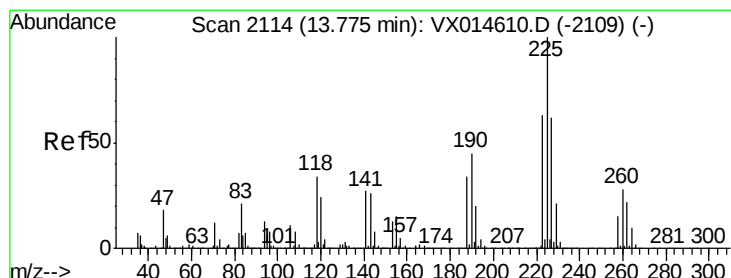
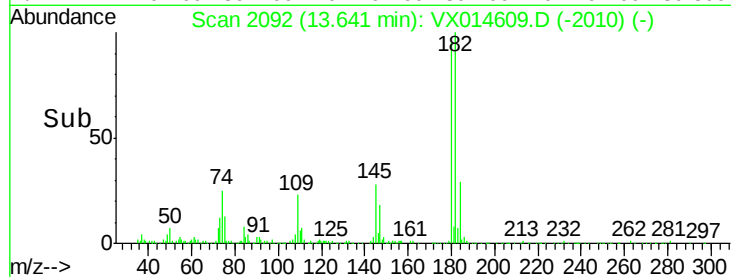
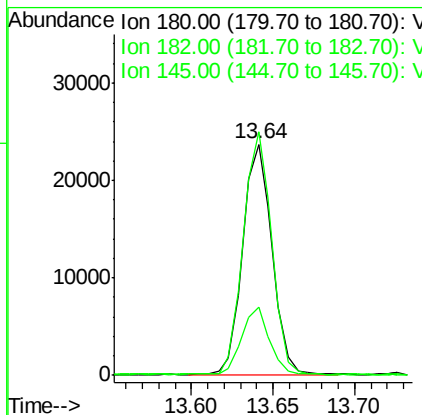
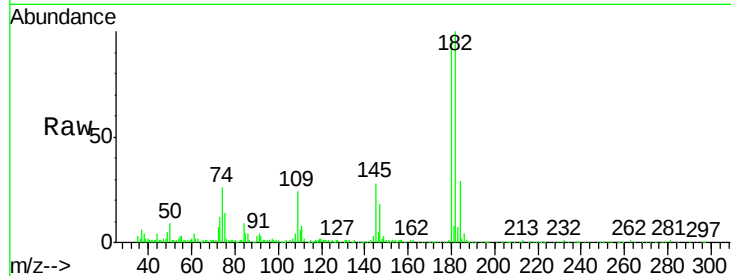




#89
 1,2,4-Trichlorobenzene
 Concen: 4.193 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

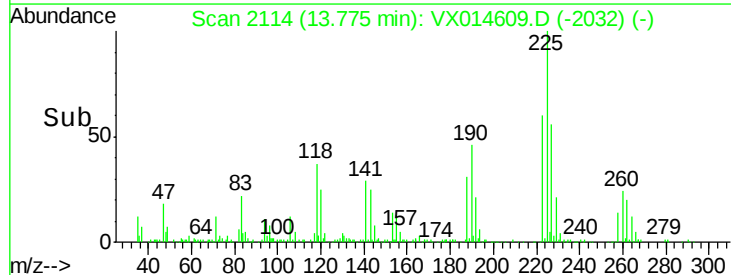
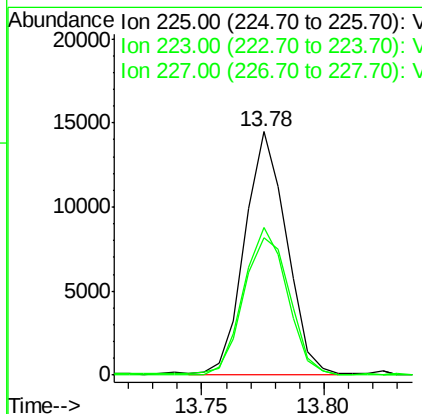
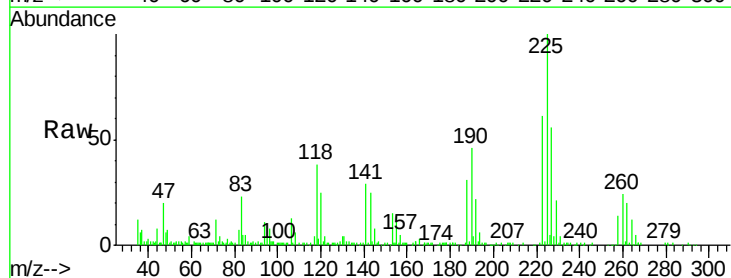
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

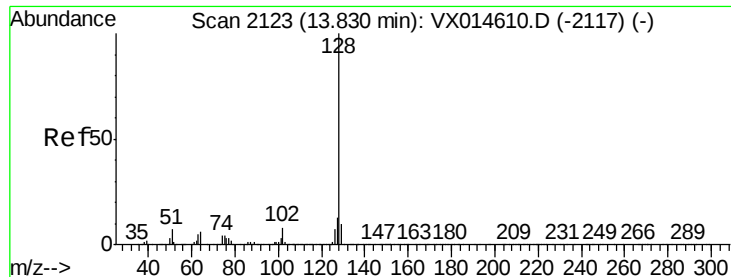
Tgt Ion:180 Resp: 30098
 Ion Ratio Lower Upper
 180 100
 182 101.1 76.4 114.6
 145 28.0 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 5.076 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion:225 Resp: 17319
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 127.4
 227 62.6 0.0 122.8

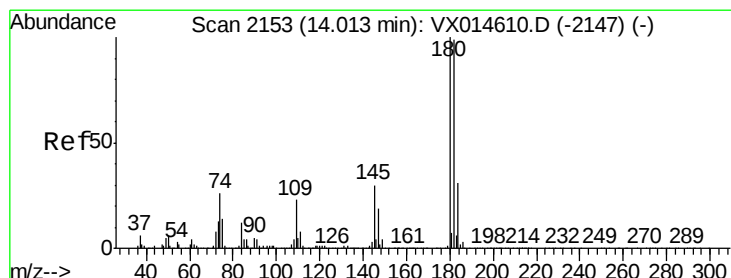
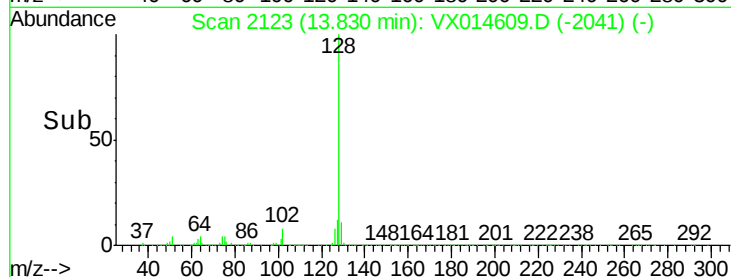
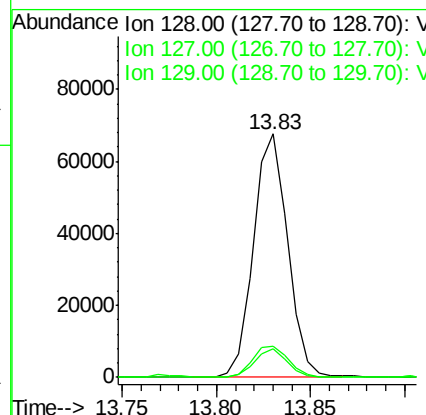
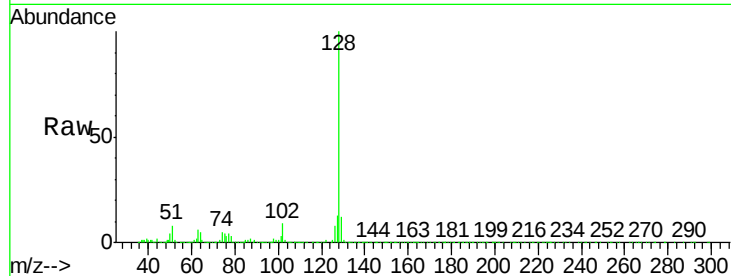




#91
Naphthalene
Concen: 3.951 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 85236
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.2 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 4.451 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:180 Resp: 32410
Ion Ratio Lower Upper
180 100
182 93.3 0.0 192.8
145 31.3 0.0 60.0

