

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014520.D
 Acq On : 10 Jan 2020 00:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jan 10 06:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	74862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	417097	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	386141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	160688	29.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.90%
60) 4-Bromofluorobenzene	11.13	95	185019	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.71	98	514668	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	66309	17.535	ug/l 98
3) Chloromethane	1.32	50	95176	17.857	ug/l 98
4) Vinyl Chloride	1.40	62	101487	18.575	ug/l 100
5) Bromomethane	1.64	94	65113	16.302	ug/l 97
6) Chloroethane	1.72	64	64887	19.226	ug/l 100
7) Trichlorofluoromethane	1.93	101	132461	19.483	ug/l 99
8) Diethyl Ether	2.18	74	61284	19.611	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78834	19.442	ug/l 98
10) 1,1-Dichloroethene	2.37	96	79226	18.899	ug/l 93
11) Methyl Iodide	2.50	142	90999	16.862	ug/l 99
12) Methyl Acetate	2.76	43	132116	20.358	ug/l 97
13) Acrolein	2.28	56	65088	82.691	ug/l 99
14) Acrylonitrile	3.13	53	251297	99.052	ug/l 99
15) Acetone	2.43	58	81870	109.850	ug/l 92
16) Carbon Disulfide	2.56	76	210287	18.517	ug/l 97
17) Allyl chloride	2.72	41	143026	18.987	ug/l 92
18) Methylene Chloride	2.85	84	92412	17.991	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	87686	19.101	ug/l 99
20) Diisopropyl ether	3.84	45	292968	18.954	ug/l 93
21) 1,1-Dichloroethane	3.69	63	158929	18.945	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	101938	19.156	ug/l 98
23) tert-Butyl Alcohol	3.02	59	106493	107.017	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	275394	19.447	ug/l 100
25) Chloroform	5.20	83	156727	19.596	ug/l 100
26) Cyclohexane	5.57	56	140093	18.728	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	116883	19.400	ug/l 100
30) 2-Butanone	4.65	43	368143	103.668	ug/l 98
31) 2,2-Dichloropropane	4.58	77	107745	19.333	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	128245	19.245	ug/l 100
33) Carbon Tetrachloride	5.78	117	108918	19.227	ug/l 99
34) Benzene	6.14	78	365584	19.460	ug/l 99
35) Methacrylonitrile	5.03	41	75901	19.873	ug/l 96
36) 1,2-Dichloroethane	6.18	62	127816	19.587	ug/l 100
37) Trichloroethene	7.21	130	108931	21.310	ug/l 98
38) Methylcyclohexane	7.46	83	137979	19.199	ug/l 98
39) 1,2-Dichloropropane	7.51	63	93499	19.163	ug/l 95
40) Dibromomethane	7.65	93	62703	20.117	ug/l 99

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Quant Time: Jan 10 06:46:34 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	117309	19.437	ug/l	100
42) Vinyl Acetate	3.81	43	668257	53.300	ug/l	98
43) Ethyl Acetate	4.82	43	134727	19.772	ug/l	98
44) Isopropyl Acetate	6.43	43	219432	19.227	ug/l	97
45) 1,4-Dioxane	7.73	88	46526	435.332	ug/l	99
46) Methyl methacrylate	7.76	41	105268	18.989	ug/l	97
47) n-amyl Acetate	10.89	43	186903	18.418	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	127777	19.398	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	143353	19.351	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	92481	19.225	ug/l	99
51) Ethyl methacrylate	9.17	69	146914	19.200	ug/l	98
52) 1,3-Dichloropropane	9.37	76	158298	19.369	ug/l	99
53) Dibromochloromethane	9.57	129	94488	19.644	ug/l	99
54) 1,2-Dibromoethane	9.67	107	98608	19.909	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	336523	99.770	ug/l	99
56) Bromoform	10.85	173	70948	18.914	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	697376	96.524	ug/l	99
59) 2-Hexanone	9.48	43	542440	98.933	ug/l	99
61) Tetrachloroethene	9.33	164	150095	29.383	ug/l	94
62) Toluene	8.78	91	396004	19.282	ug/l	99
64) Chlorobenzene	10.14	112	245784	19.102	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	90581	19.013	ug/l	100
66) Ethyl Benzene	10.25	91	430598	19.159	ug/l	99
67) m/p-Xylenes	10.35	106	327621	38.133	ug/l	99
68) o-Xylene	10.70	106	158575	18.631	ug/l	99
69) Styrene	10.71	104	264203	18.254	ug/l	99
70) Isopropylbenzene	11.01	105	420472	19.117	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	121814	15.617	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	156464	22.536	ug/l	96
73) Bromobenzene	11.25	156	109166	18.593	ug/l	99
74) n-propylbenzene	11.35	91	472468	18.939	ug/l	98
75) 2-Chlorotoluene	11.42	91	286117	18.981	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	349545	18.734	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41444	18.076	ug/l	93
78) 4-Chlorotoluene	11.51	91	325733	18.911	ug/l	98
79) tert-butylbenzene	11.76	119	295306	16.420	ug/l	92
80) 1,2,4-Trimethylbenzene	11.80	105	343954	18.436	ug/l	100
81) sec-Butylbenzene	11.94	105	399633	18.682	ug/l	99
82) p-Isopropyltoluene	12.06	119	363314	18.821	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	190009	18.567	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	189444	18.590	ug/l	99
85) n-Butylbenzene	12.38	91	304082	18.735	ug/l	100
86) Hexachloroethane	12.59	117	62284	17.786	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	192151	18.486	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29790	19.162	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	127280	19.159	ug/l	98
90) Hexachlorobutadiene	13.77	225	62914	19.923	ug/l	99
91) Naphthalene	13.83	128	395087	19.786	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	133320	19.785	ug/l	98

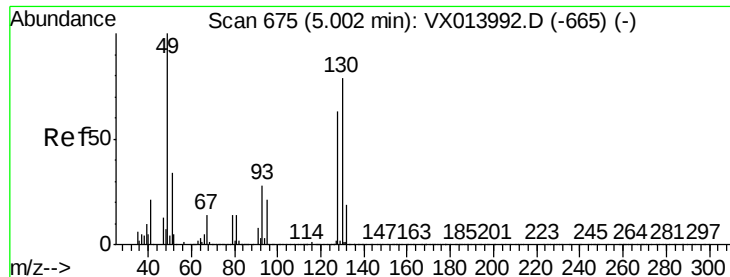
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
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QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

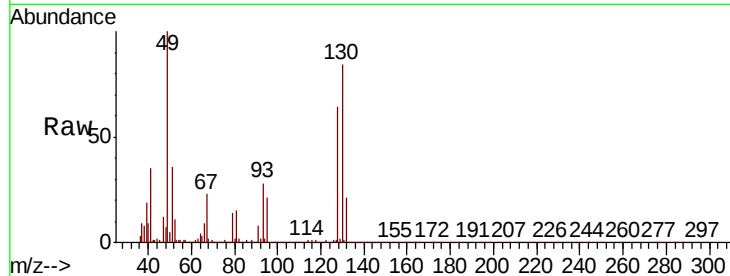
Tot Ion:128 Resp: 74862

Ion Ratio Lower Upper

128 100

49 158.8 0.0 405.0

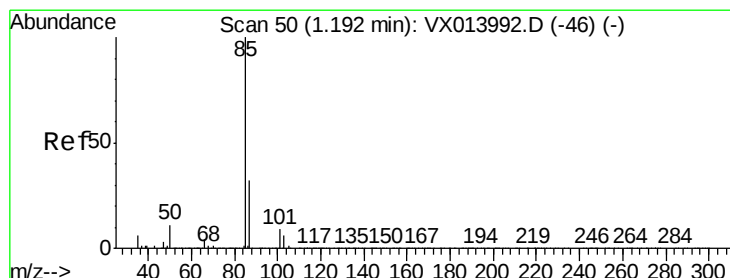
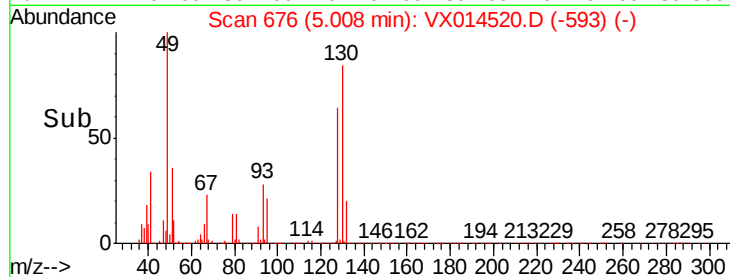
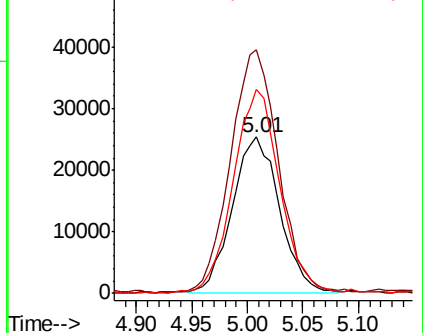
130 128.1 0.0 321.5



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: 17.535 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014520.D

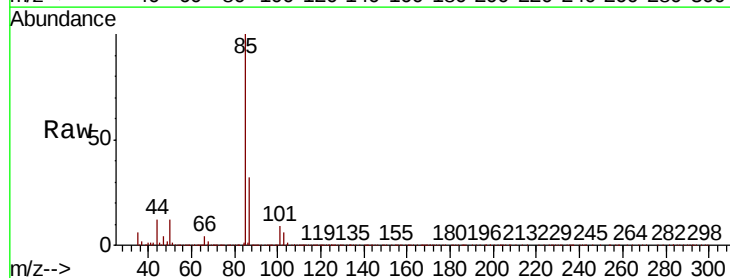
Acq: 10 Jan 2020 00:21

Tgt Ion: 85 Resp: 66309

Ion Ratio Lower Upper

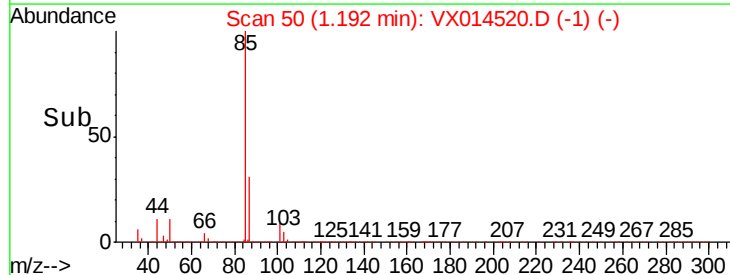
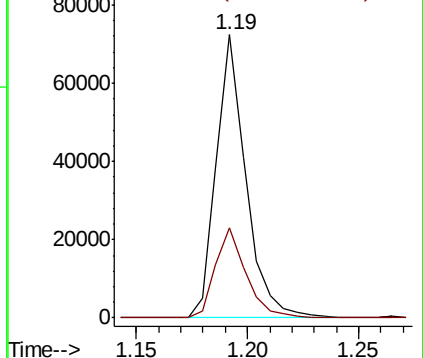
85 100

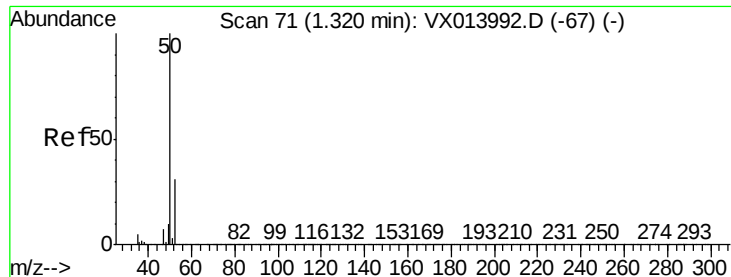
87 31.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

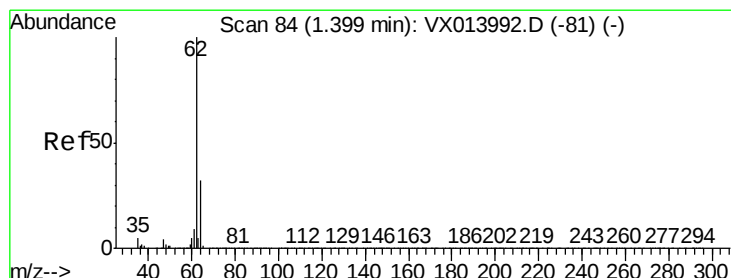
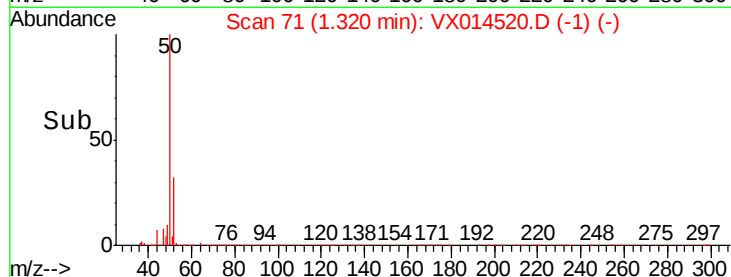
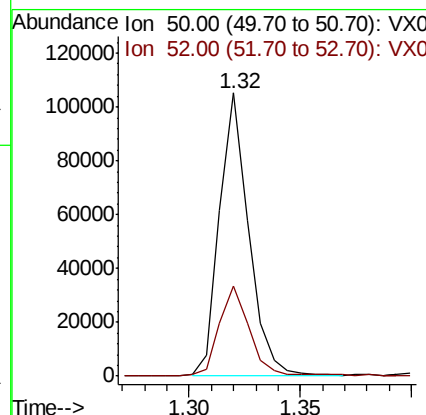
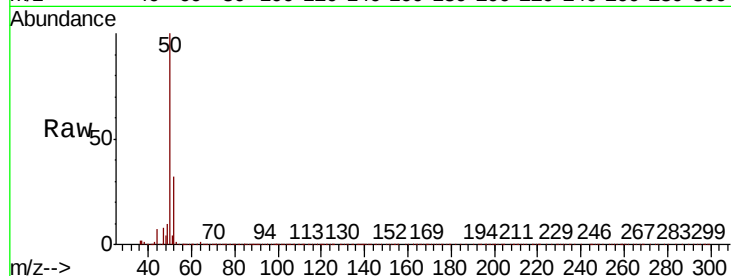




#3
Chloromethane
Concen: 17.857 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

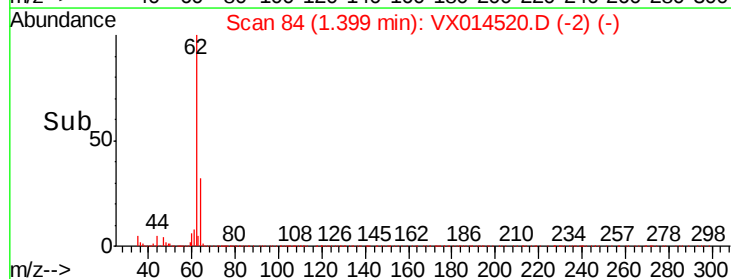
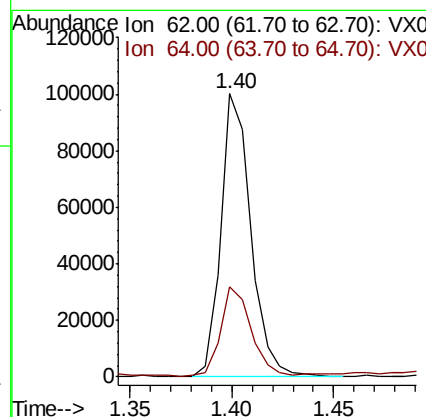
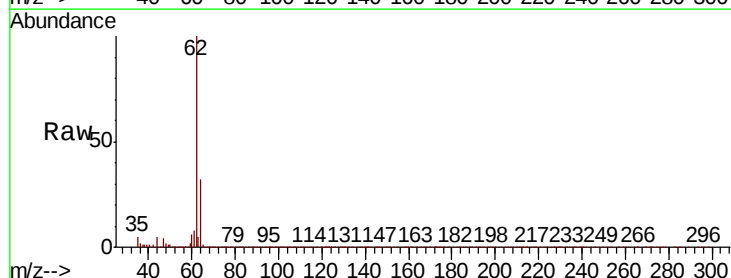
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

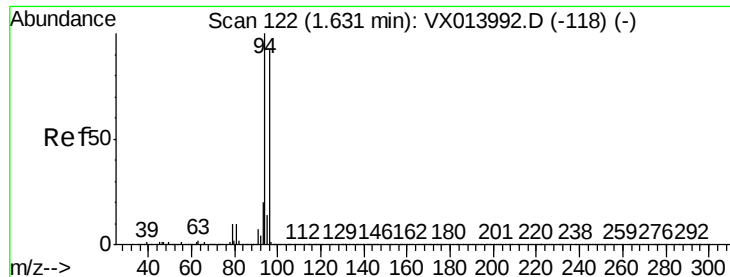
Tot Ion: 50 Resp: 95176
Ion Ratio Lower Upper
50 100
52 31.7 24.3 36.5



#4
Vinyl Chloride
Concen: 18.575 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 62 Resp: 101487
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8





#5

Bromomethane

Concen: 16.302 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

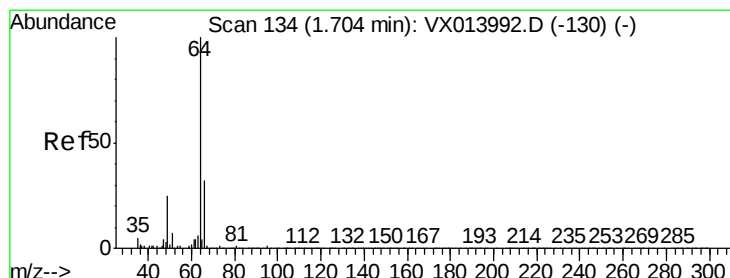
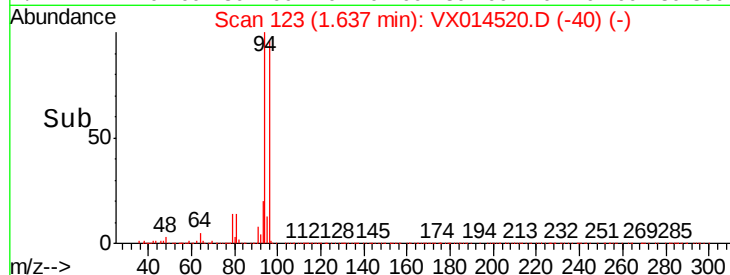
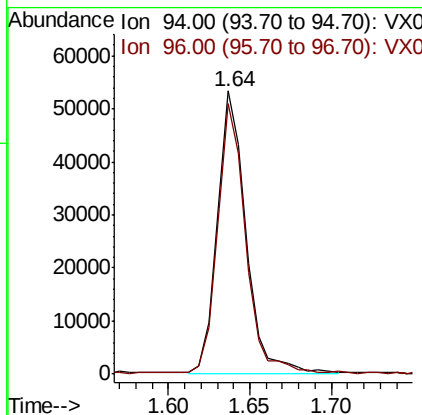
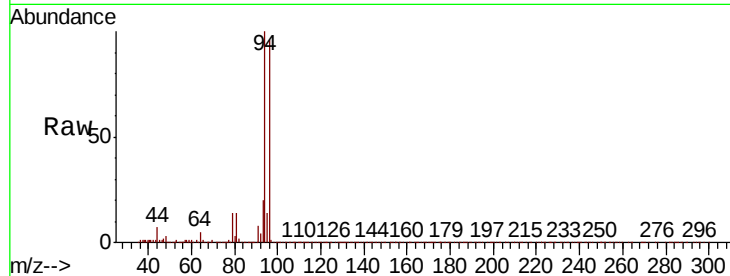
VSTDCCC020EC

Tot Ion: 94 Resp: 65113

Ion Ratio Lower Upper

94 100

96 95.6 74.4 111.6



#6

Chloroethane

Concen: 19.226 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014520.D

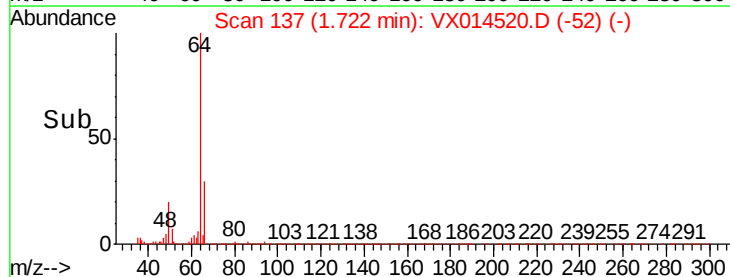
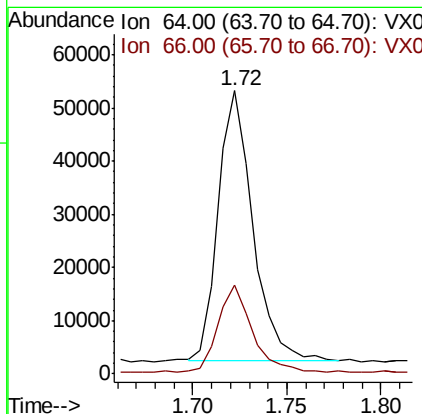
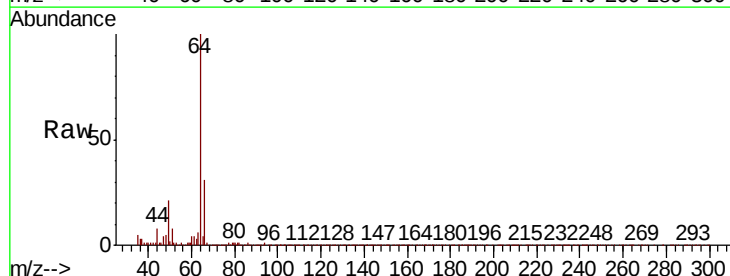
Acq: 10 Jan 2020 00:21

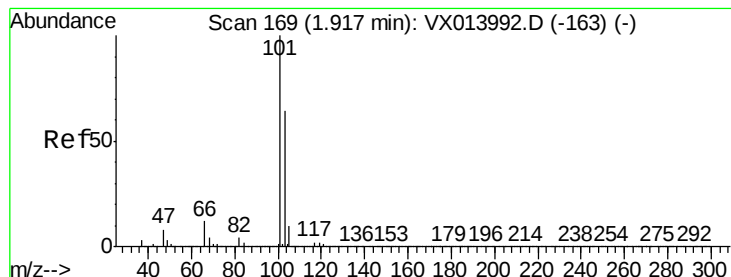
Tgt Ion: 64 Resp: 64887

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



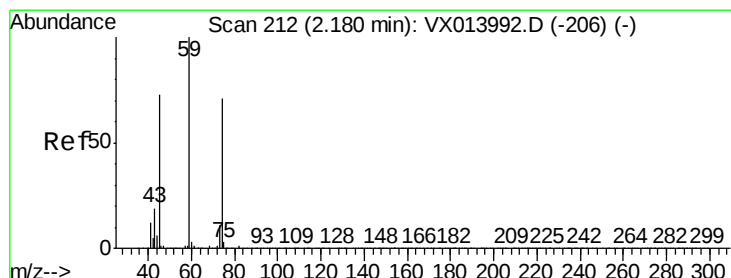
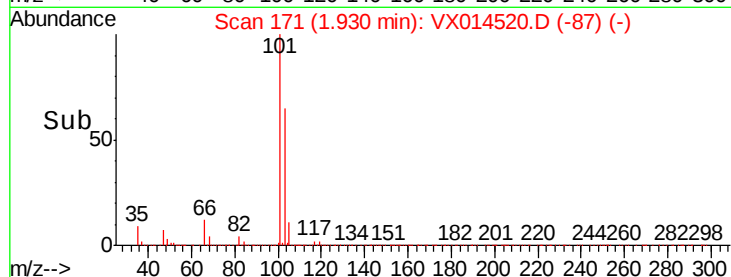
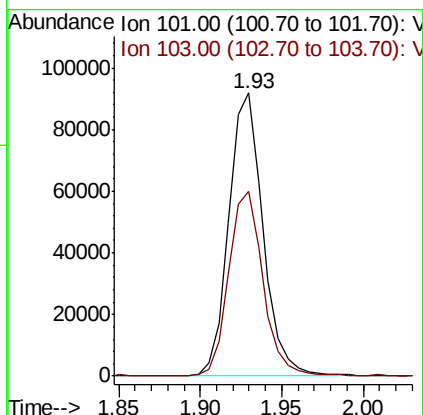
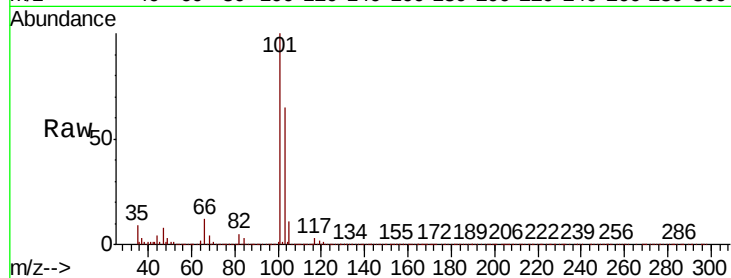


#7

Trichlorofluoromethane
Concen: 19.483 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
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VSTDCCC020EC

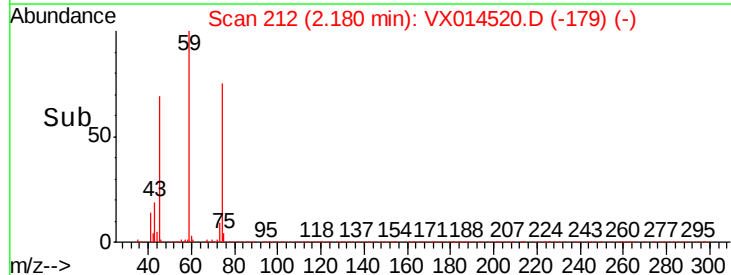
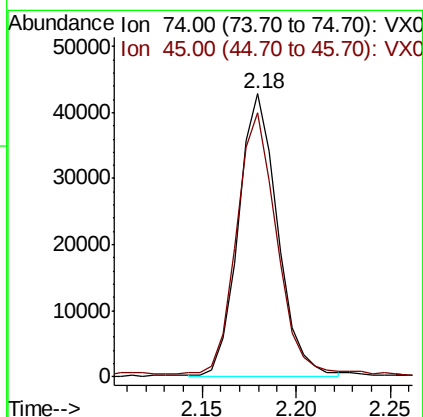
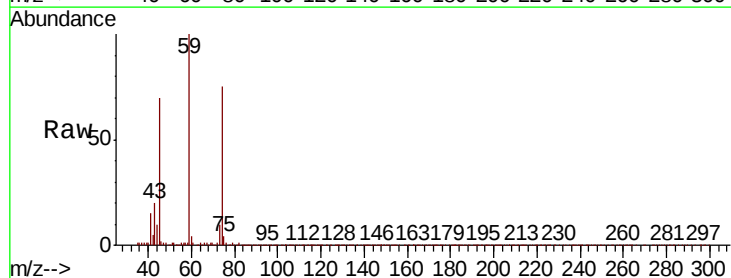
Tot Ion:101 Resp: 132461
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

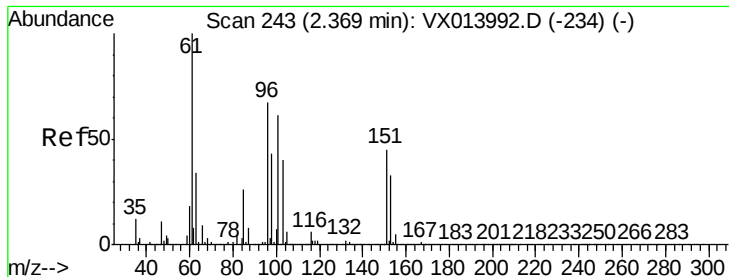


#8

Diethyl Ether
Concen: 19.611 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 74 Resp: 61284
Ion Ratio Lower Upper
74 100
45 94.4 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.442 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

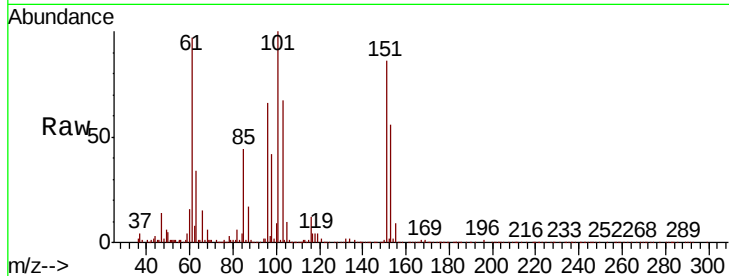
Tot Ion:101 Resp: 78834

Ion Ratio Lower Upper

101 100

85 40.7 0.0 85.6

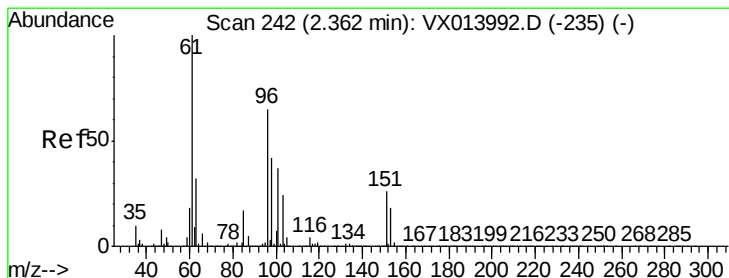
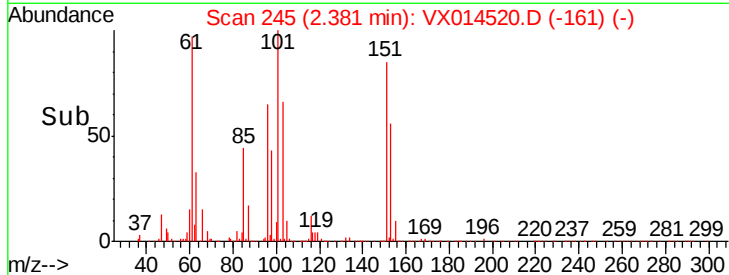
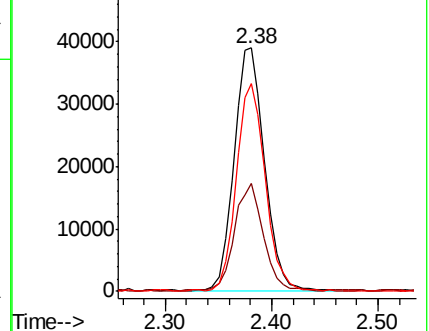
151 80.5 0.0 159.4



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: 18.899 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

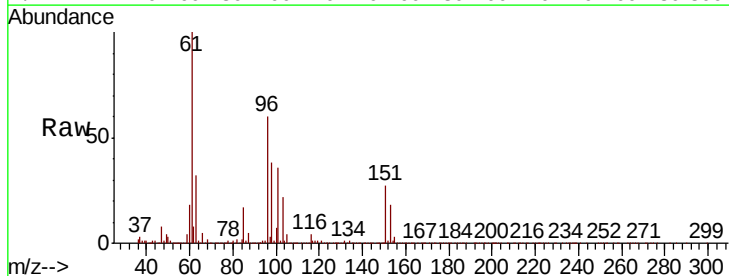
Tgt Ion: 96 Resp: 79226

Ion Ratio Lower Upper

96 100

61 165.8 123.0 184.6

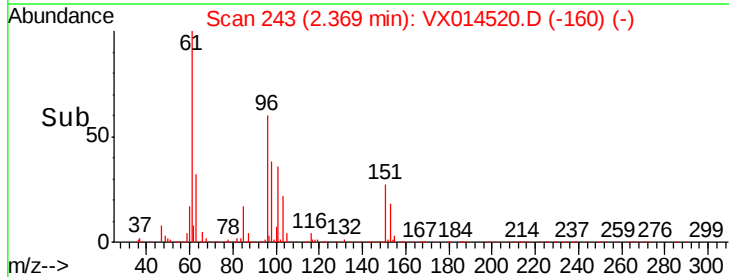
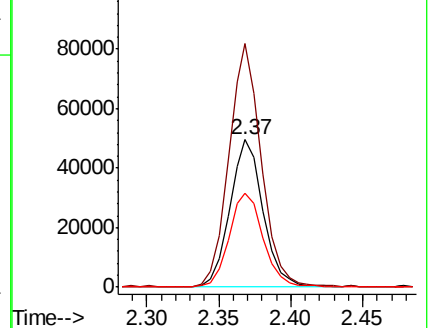
98 63.5 51.4 77.0

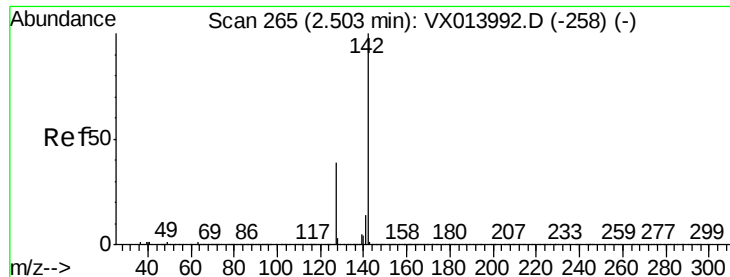


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

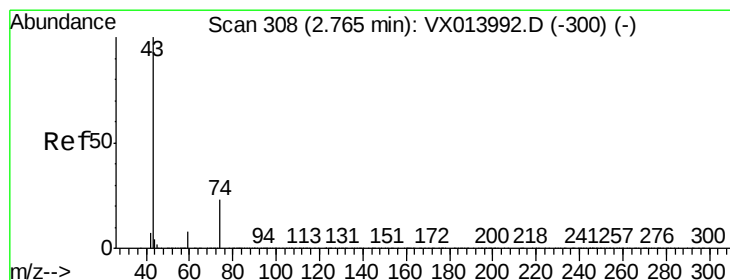
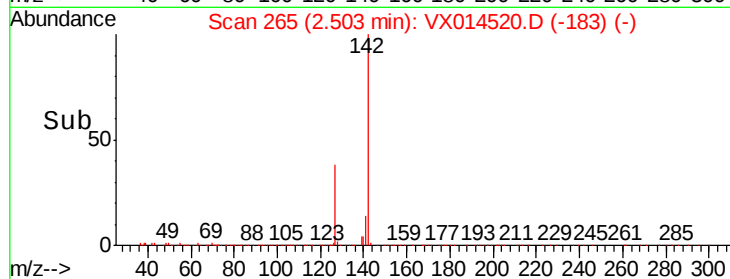
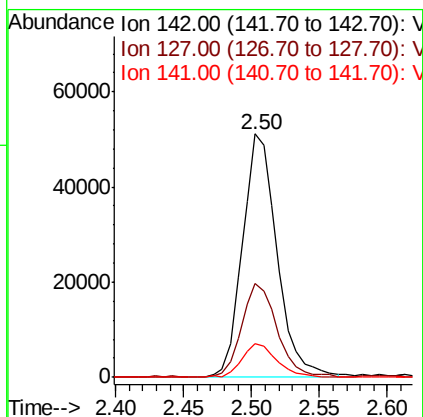
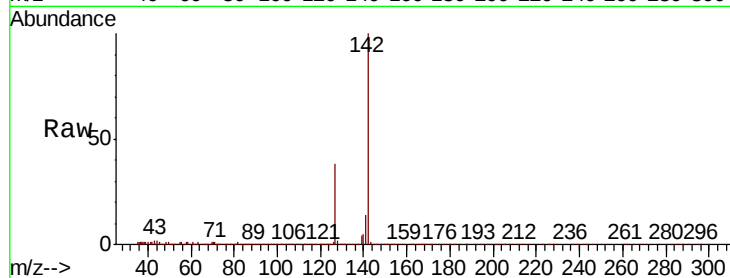




#11
Methyl Iodide
Concen: 16.862 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

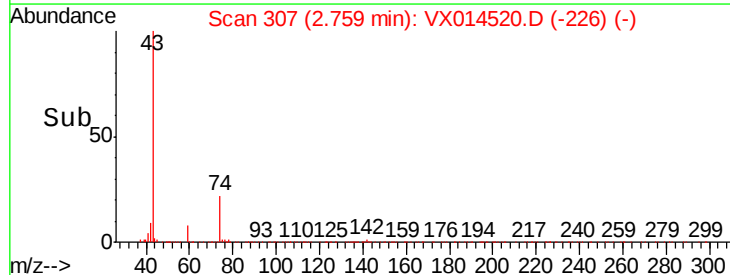
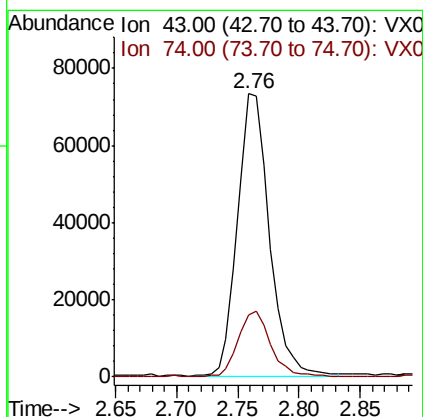
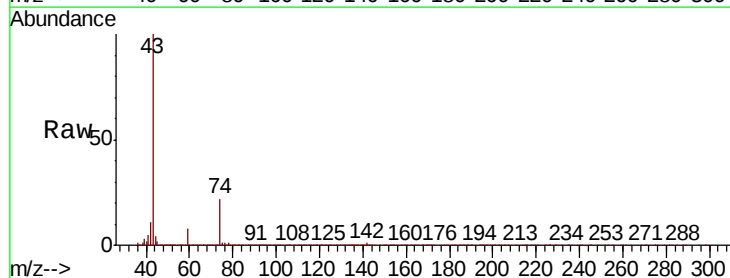
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

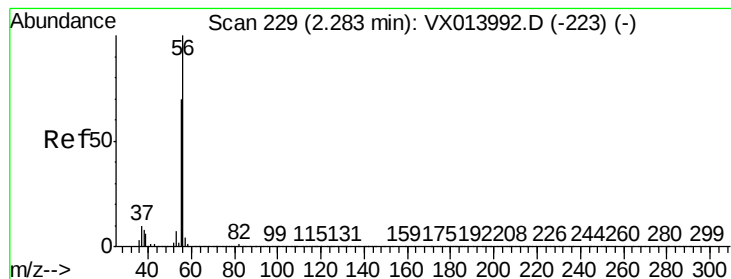
Tot Ion:142 Resp: 90999
Ion Ratio Lower Upper
142 100
127 38.2 19.5 58.5
141 13.6 7.0 20.9



#12
Methyl Acetate
Concen: 20.358 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 43 Resp: 132116
Ion Ratio Lower Upper
43 100
74 21.8 18.5 27.7





#13

Acrolein

Concen: 82.691 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

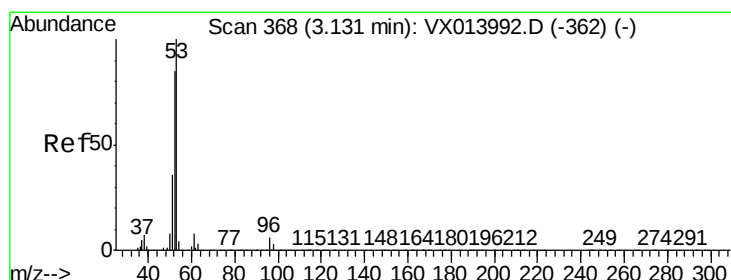
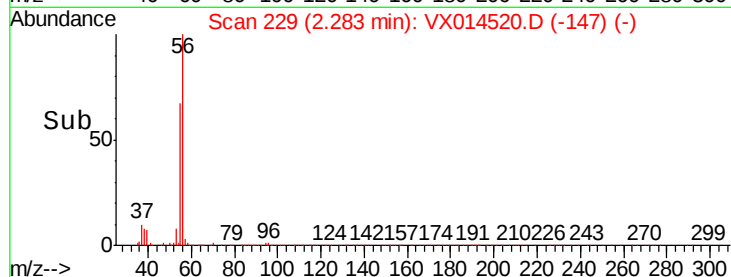
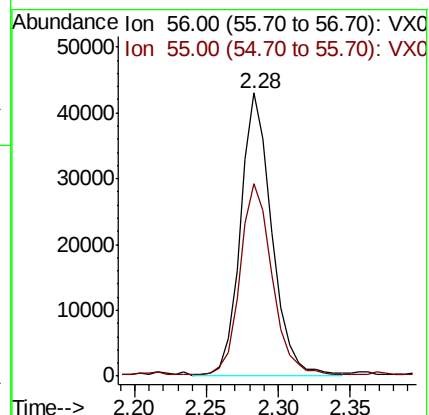
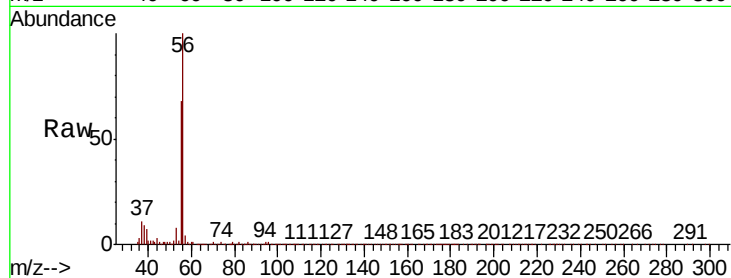
VSTDCCC020EC

Tot Ion: 56 Resp: 65088

Ion Ratio Lower Upper

56 100

55 68.2 54.9 82.3



#14

Acrylonitrile

Concen: 99.052 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

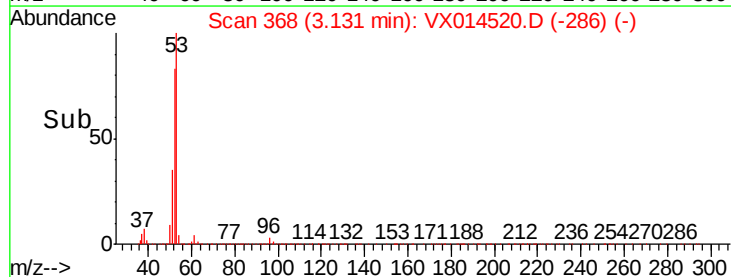
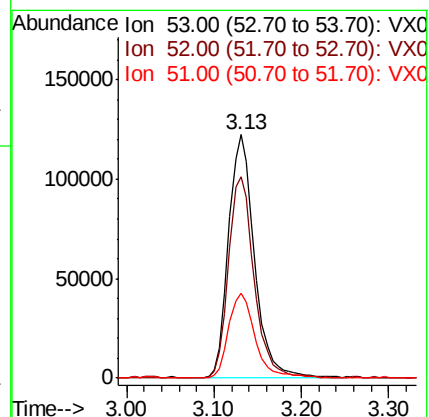
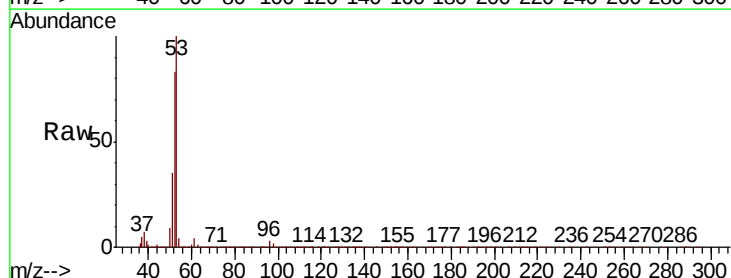
Tgt Ion: 53 Resp: 251297

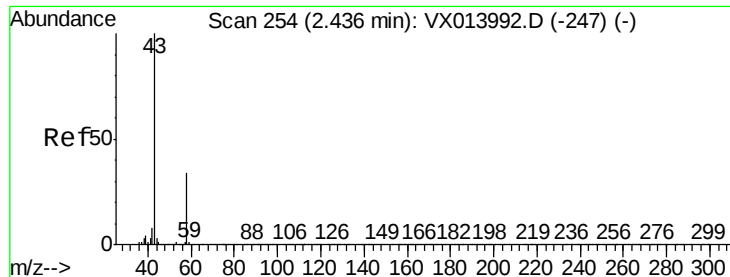
Ion Ratio Lower Upper

53 100

52 81.5 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 109.850 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

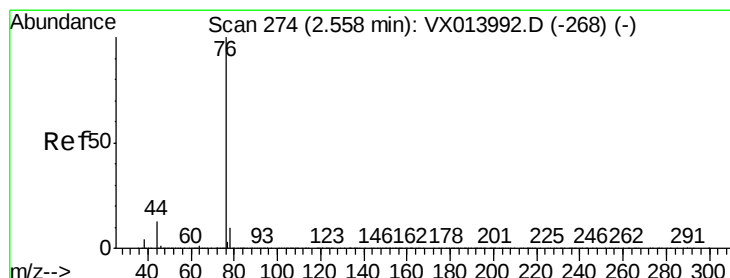
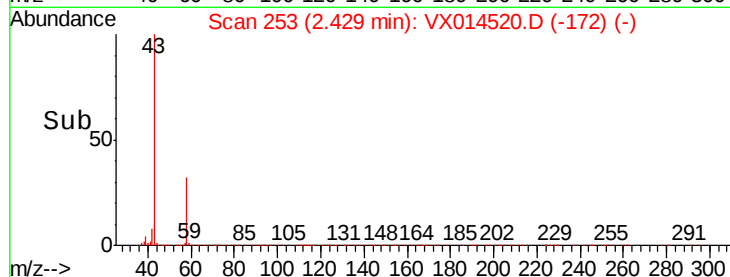
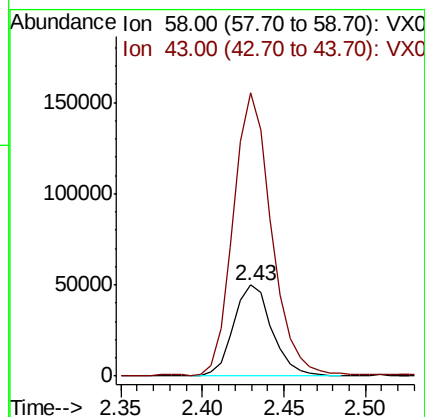
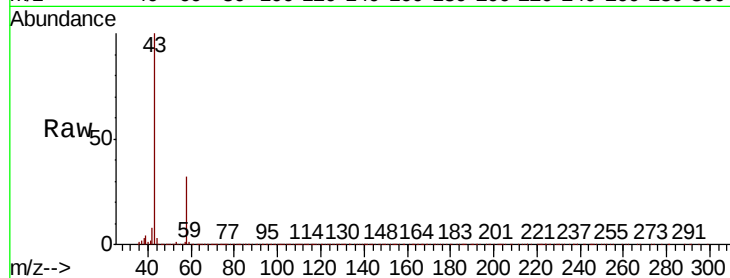
VSTDCCC020EC

Tot Ion: 58 Resp: 81870

Ion Ratio Lower Upper

58 100

43 311.7 236.3 354.5



#16

Carbon Disulfide

Concen: 18.517 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014520.D

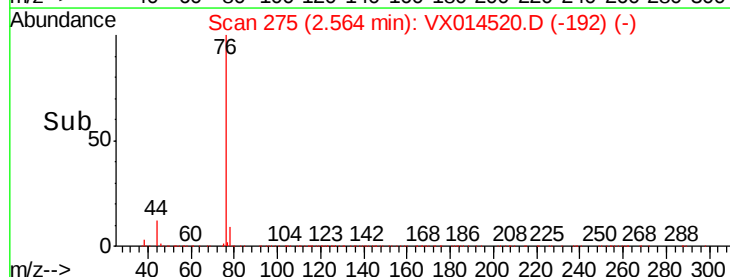
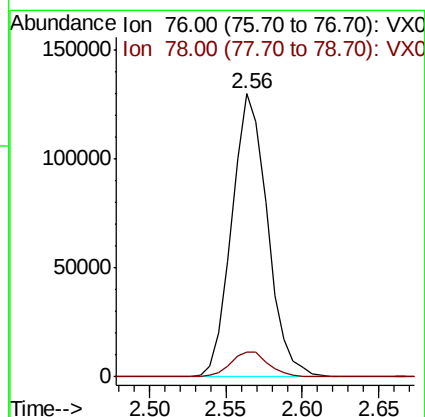
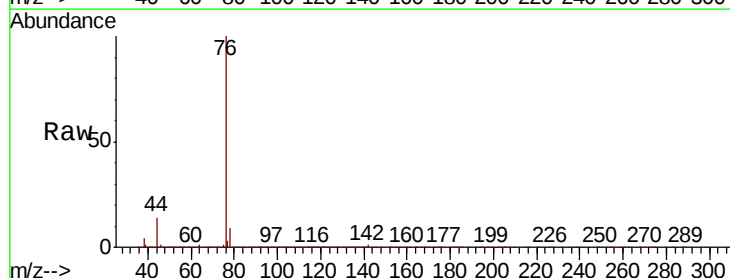
Acq: 10 Jan 2020 00:21

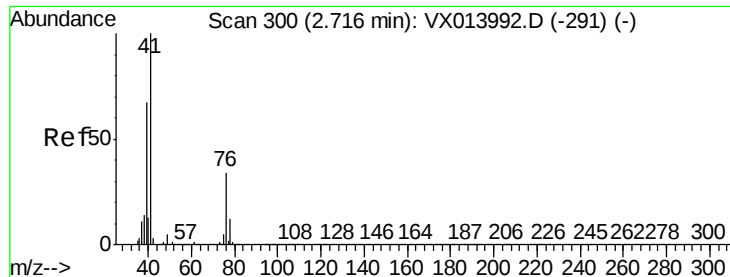
Tgt Ion: 76 Resp: 210287

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8

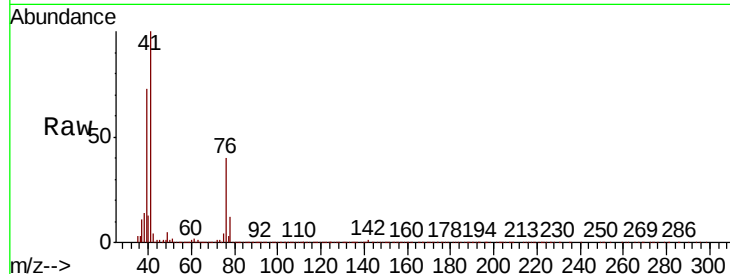




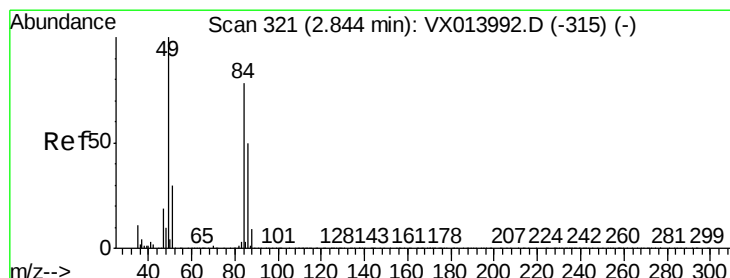
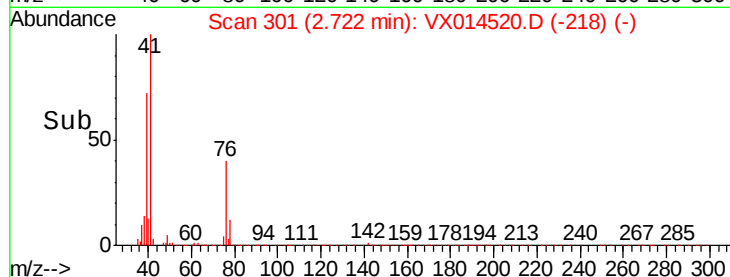
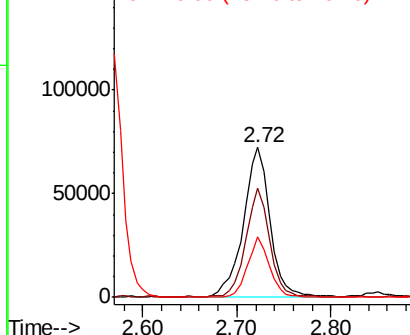
#17
Allvl chloride
Concen: 18.987 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 143026
Ion Ratio Lower Upper
41 100
39 72.1 33.4 100.2
76 39.8 17.0 50.9

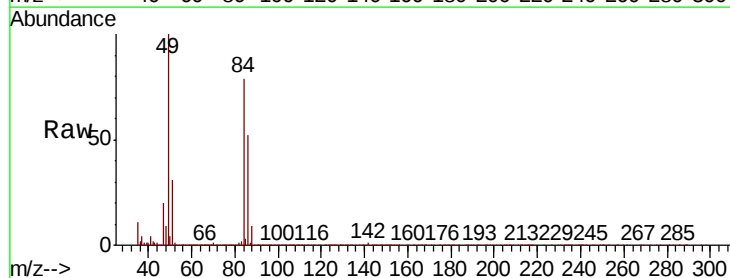


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0

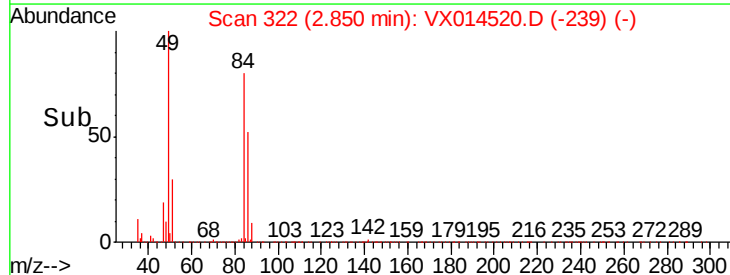
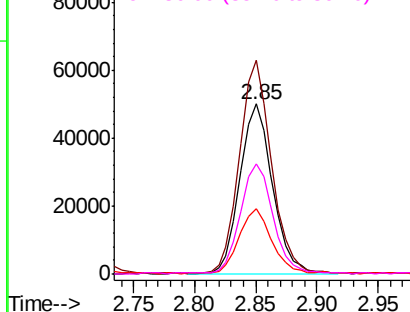


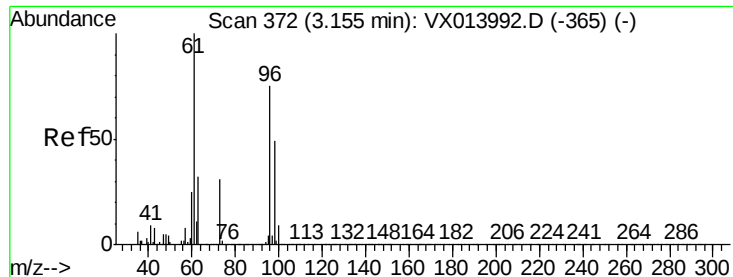
#18
Methylene Chloride
Concen: 17.991 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 84 Resp: 92412
Ion Ratio Lower Upper
84 100
49 125.3 102.2 153.2
51 37.6 31.4 47.0
86 64.6 50.8 76.2



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

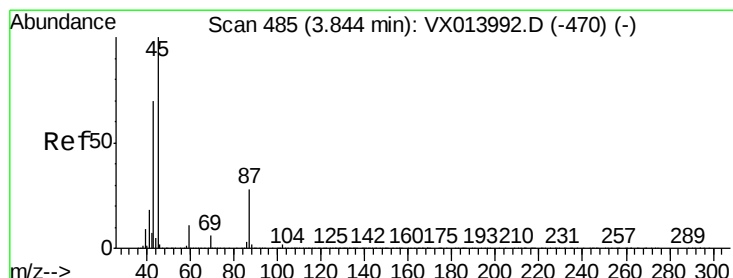
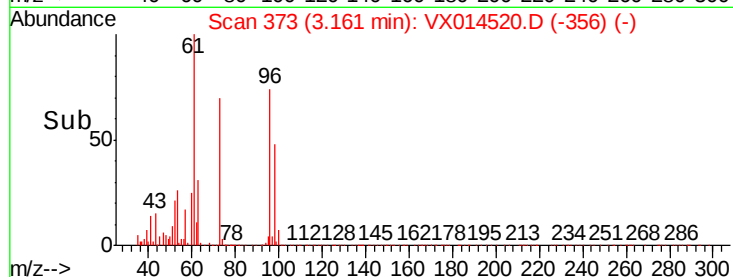
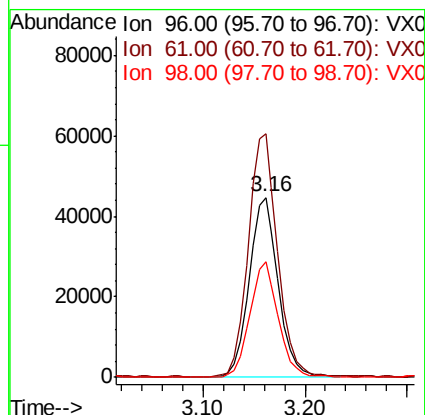
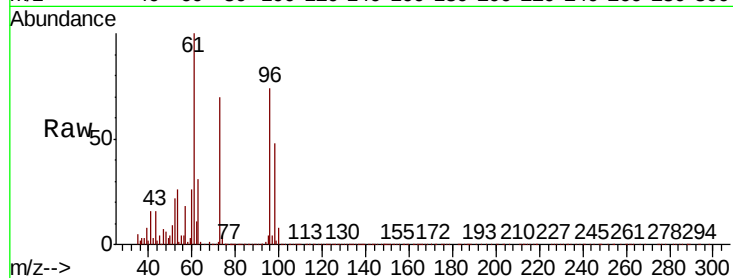




#19
trans-1,2-Dichloroethene
Concen: 19.101 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

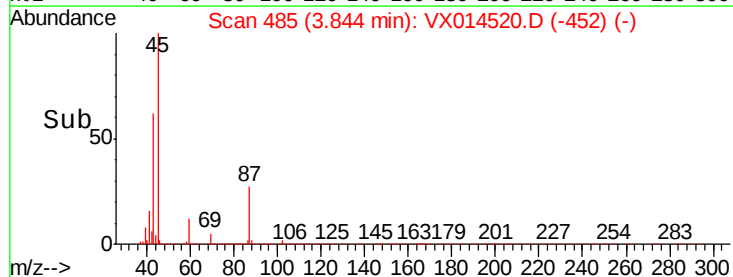
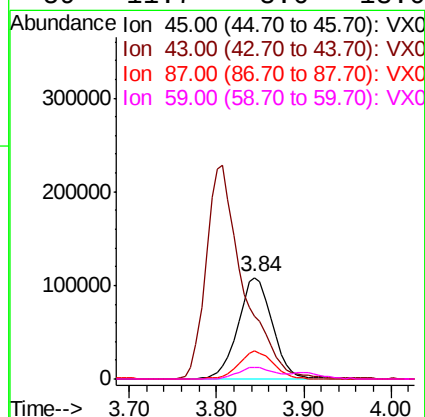
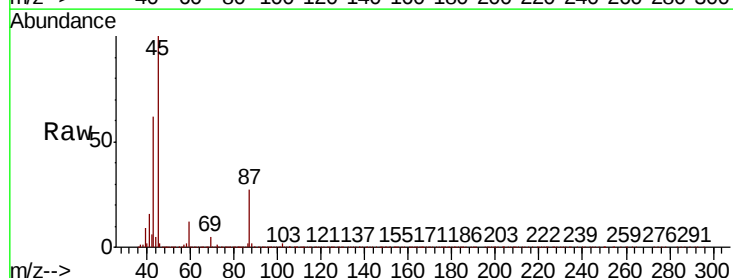
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

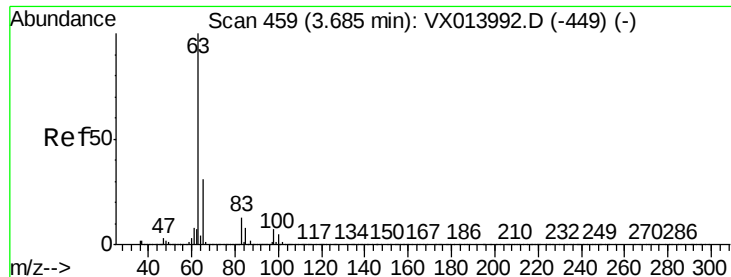
Tot Ion: 96 Resp: 87686
Ion Ratio Lower Upper
96 100
61 135.4 106.6 159.8
98 64.5 51.6 77.4



#20
Diisopropyl ether
Concen: 18.954 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 45 Resp: 292968
Ion Ratio Lower Upper
45 100
43 61.5 55.9 83.9
87 27.2 22.2 33.2
59 11.7 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.945 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

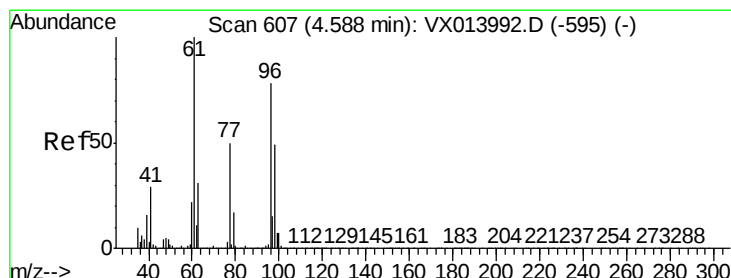
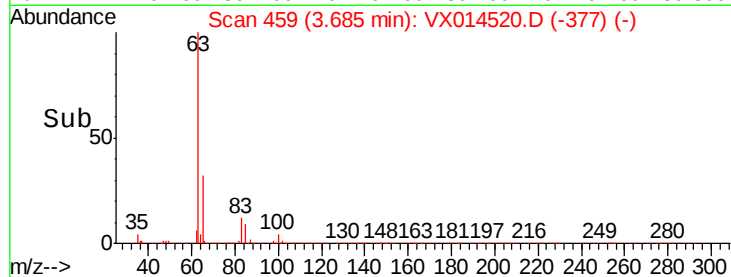
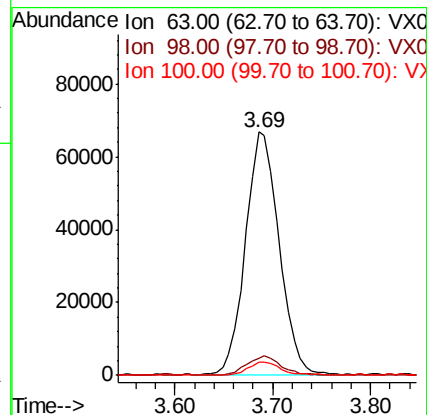
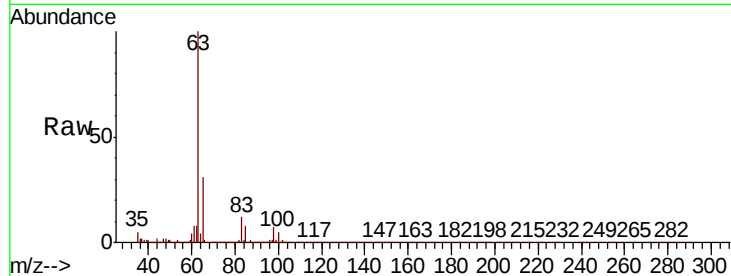
Tot Ion: 63 Resp: 158929

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 5.0 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.156 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

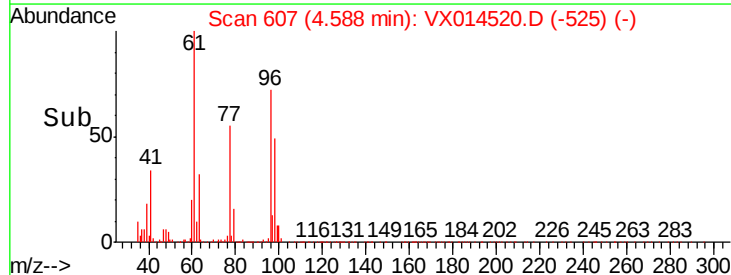
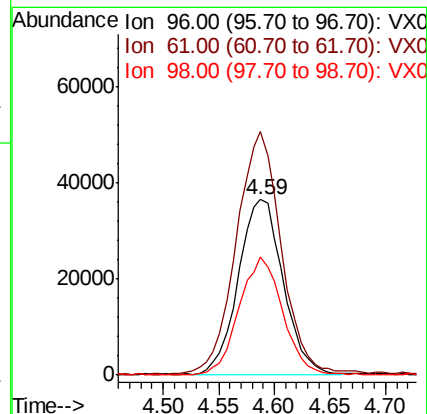
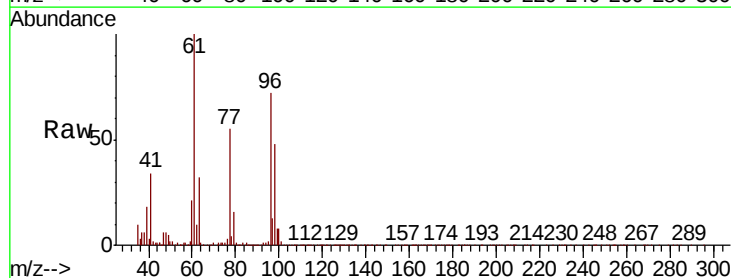
Tgt Ion: 96 Resp: 101938

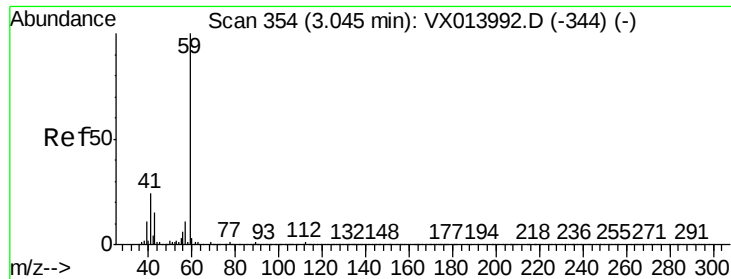
Ion Ratio Lower Upper

96 100

61 138.4 112.4 168.6

98 65.5 50.3 75.5

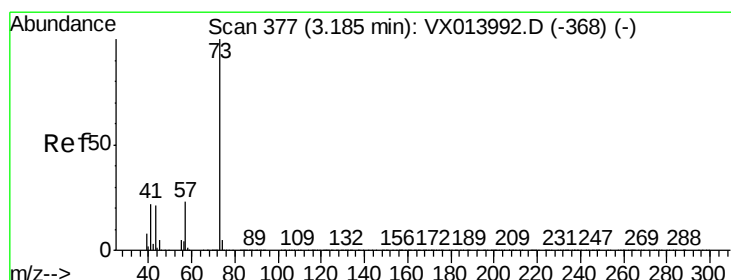
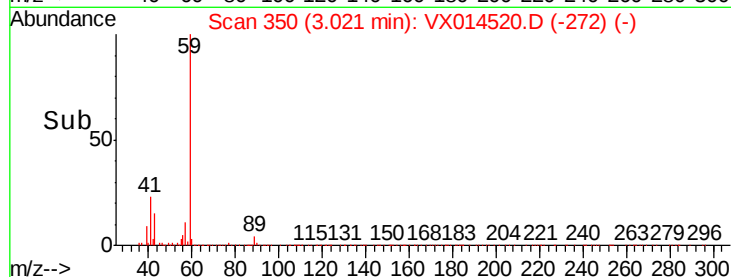
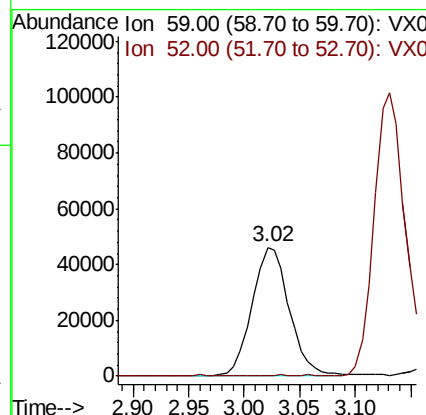
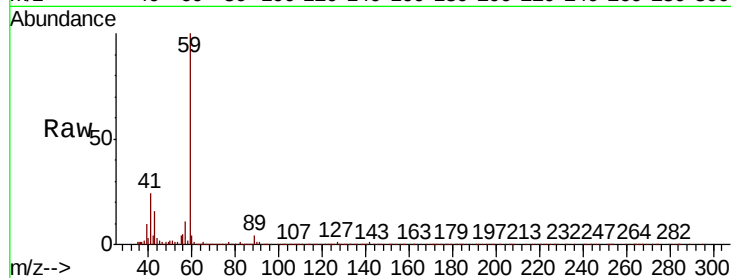




#23
tert-Butyl Alcohol
Concen: 107.017 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

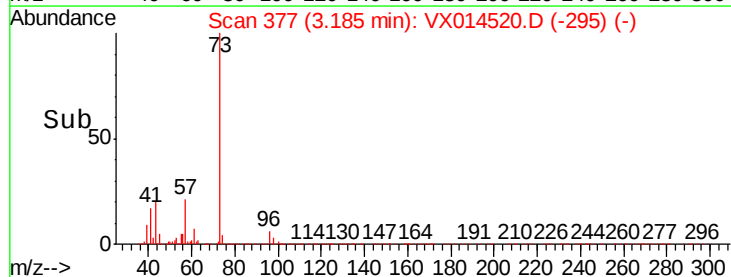
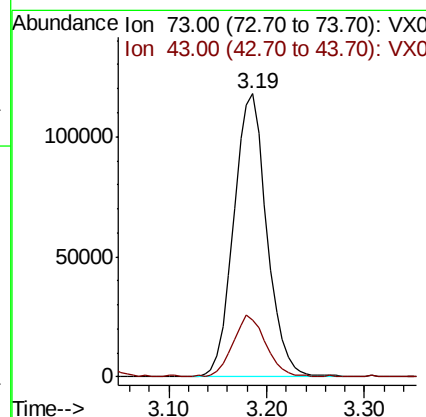
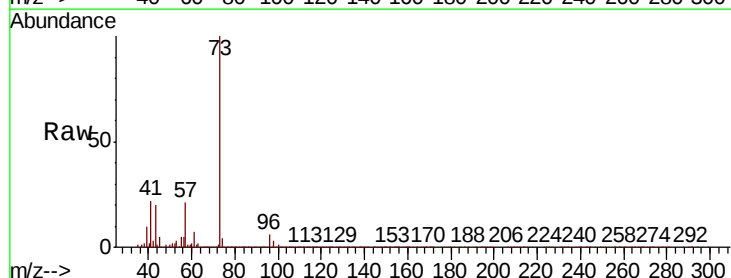
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

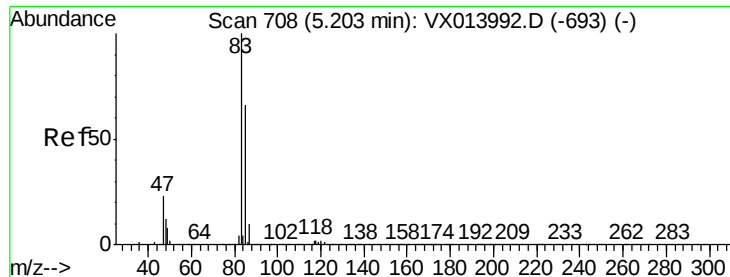
Tot Ion: 59 Resp: 106493
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 19.447 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 73 Resp: 275394
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0





#25

Chloroform

Concen: 19.596 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

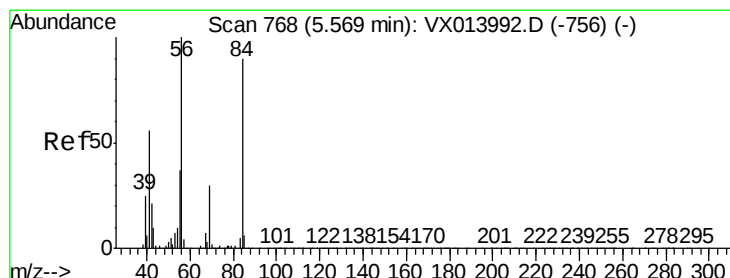
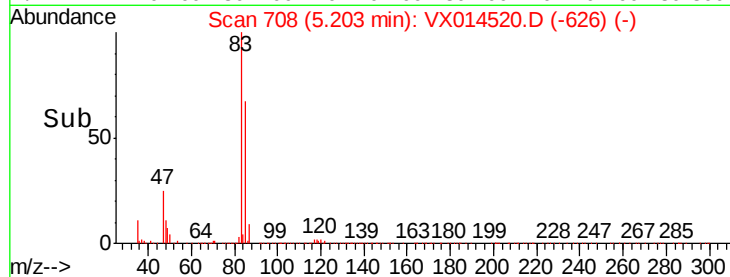
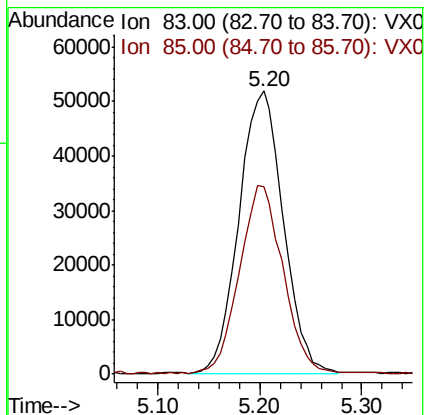
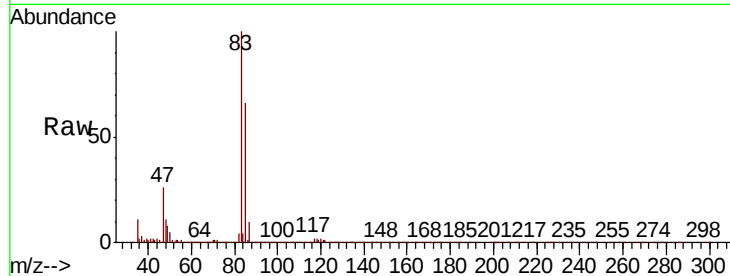
VSTDCCC020EC

Tot Ion: 83 Resp: 156727

Ion Ratio Lower Upper

83 100

85 66.2 52.7 79.1



#26

Cyclohexane

Concen: 18.728 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

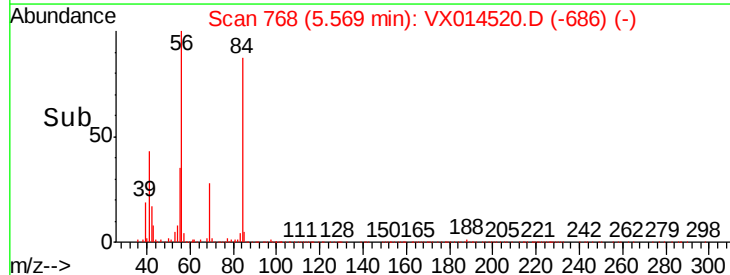
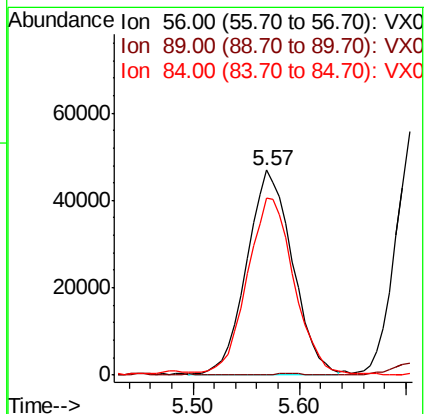
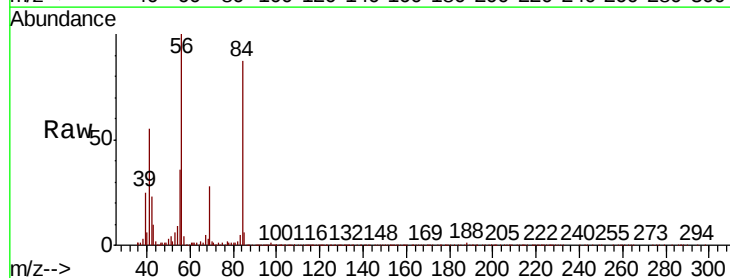
Tgt Ion: 56 Resp: 140093

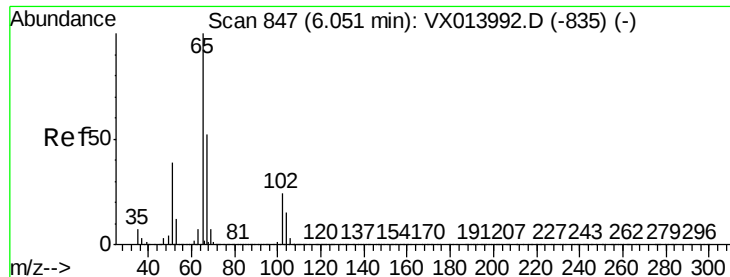
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 88.3 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.971 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

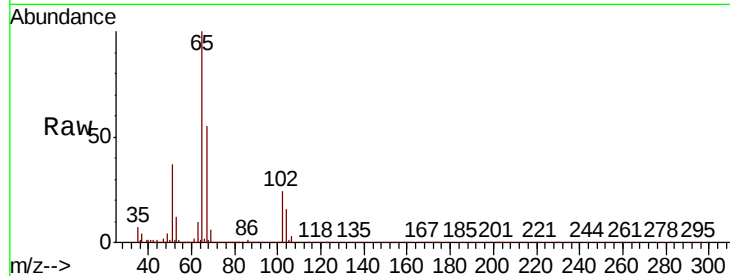
VSTDCCC020EC

Tot Ion: 65 Resp: 160688

Ion Ratio Lower Upper

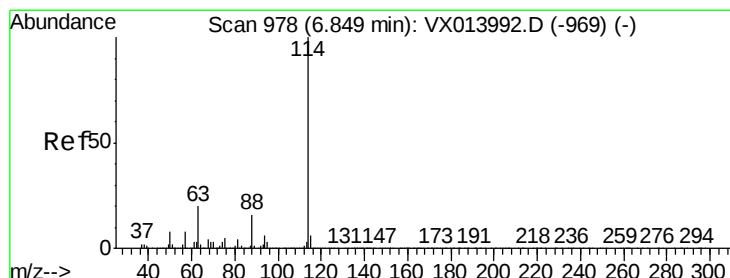
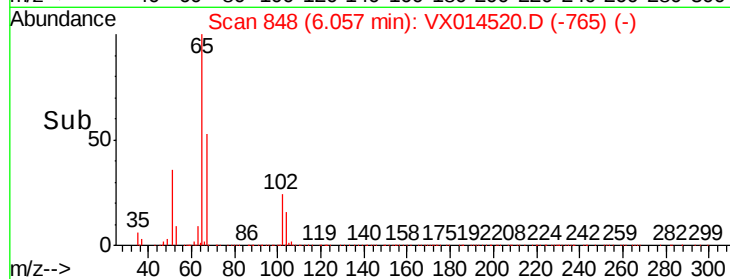
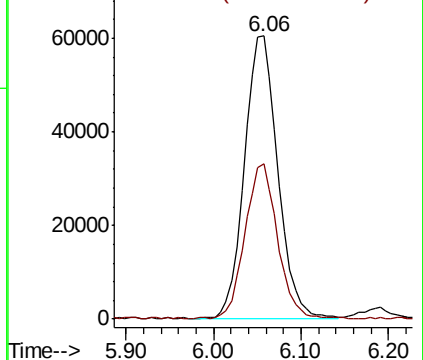
65 100

67 52.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

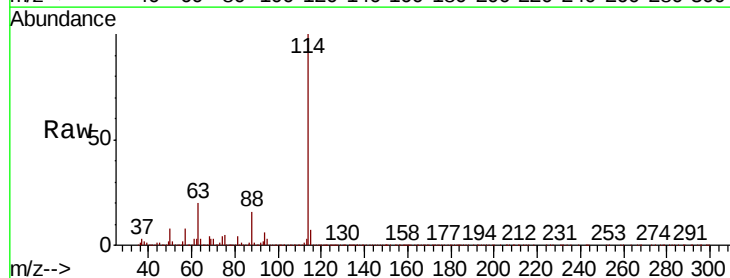
Tgt Ion: 114 Resp: 417097

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

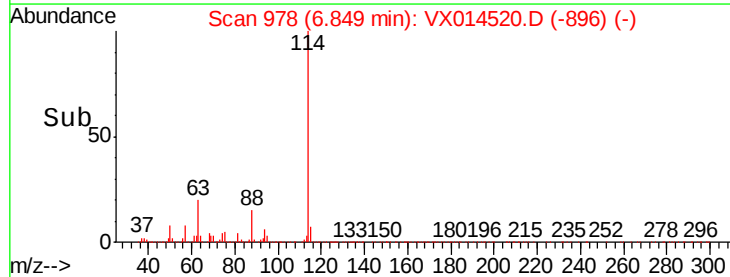
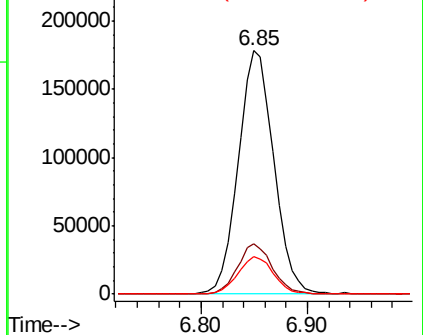
88 15.5 12.5 18.7

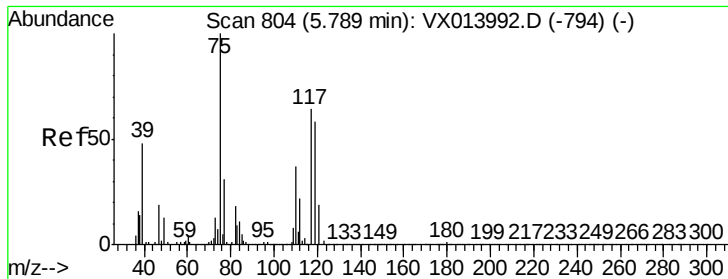


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.400 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

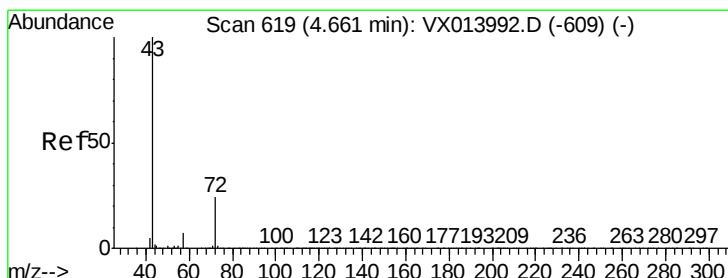
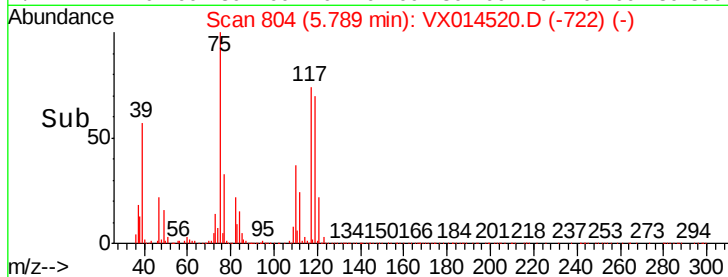
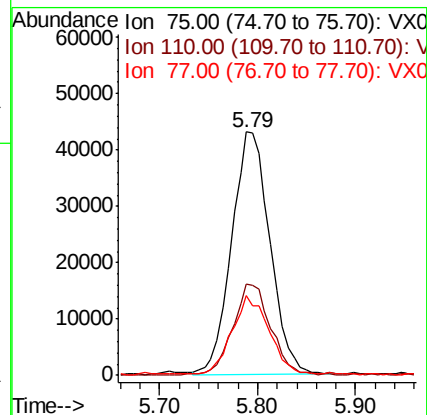
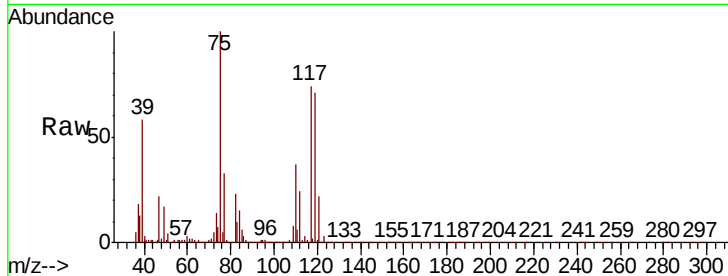
Tot Ion: 75 Resp: 116883

Ion Ratio Lower Upper

75 100

110 37.0 0.0 73.8

77 31.4 0.0 62.4



#30

2-Butanone

Concen: 103.668 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

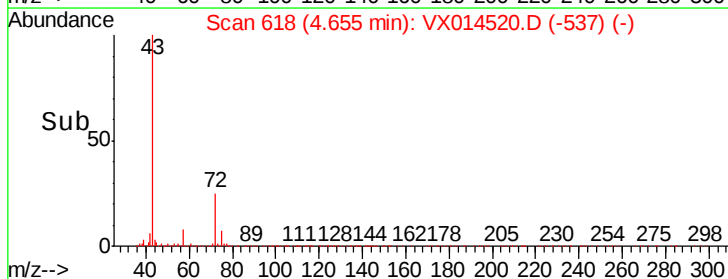
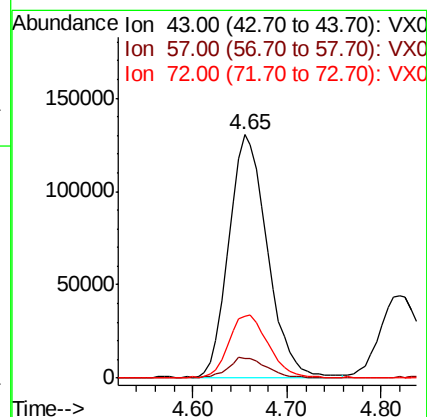
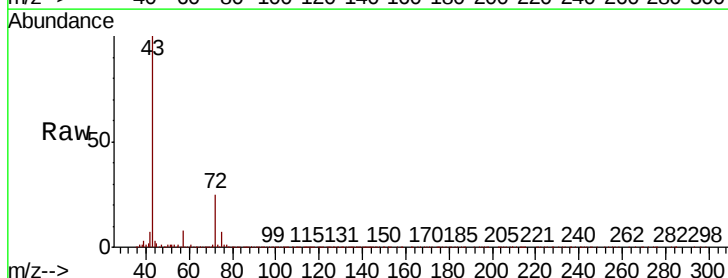
Tgt Ion: 43 Resp: 368143

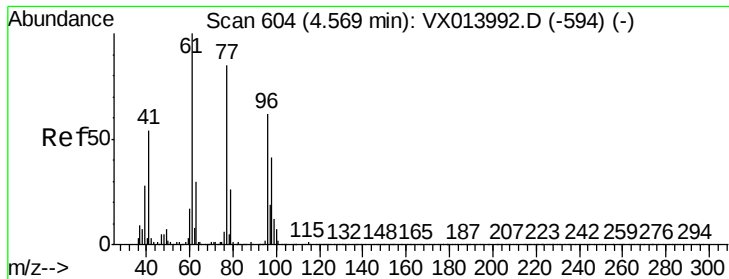
Ion Ratio Lower Upper

43 100

57 8.3 6.2 9.2

72 26.5 20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.333 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

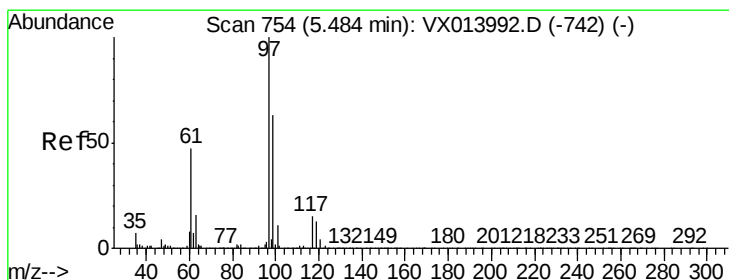
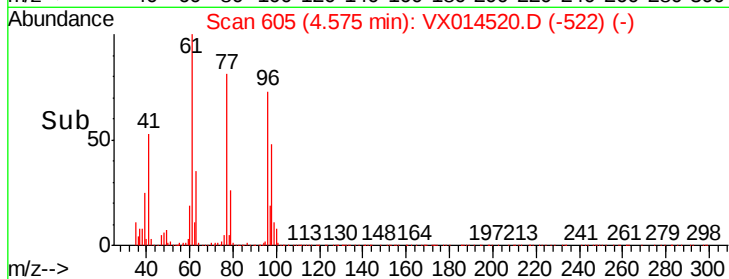
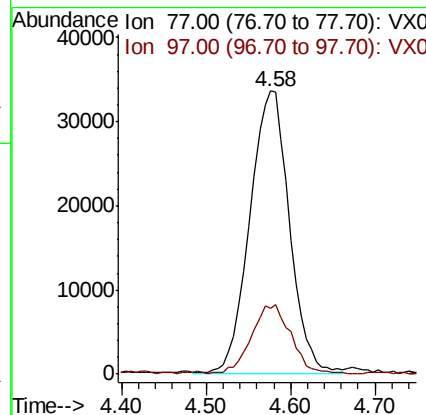
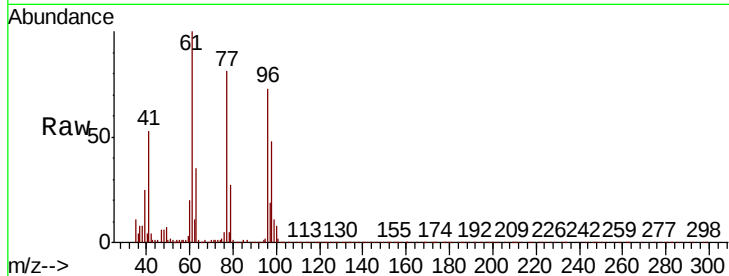
VSTDCCC020EC

Tot Ion: 77 Resp: 107745

Ion Ratio Lower Upper

77 100

97 24.5 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.245 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

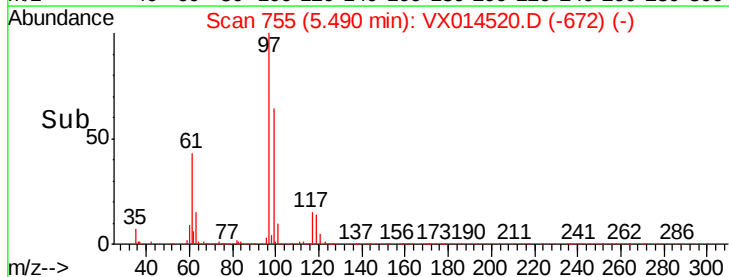
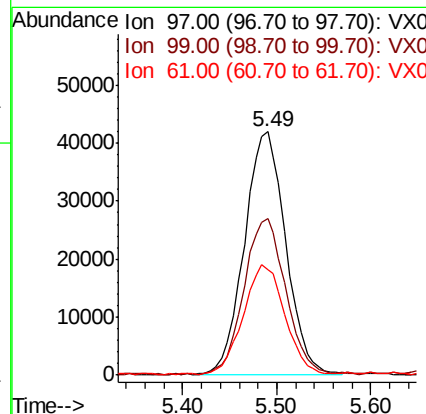
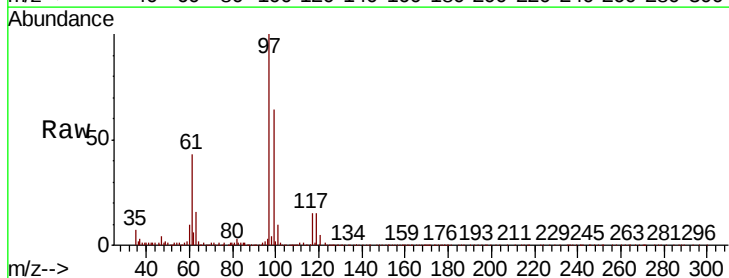
Tgt Ion: 97 Resp: 128245

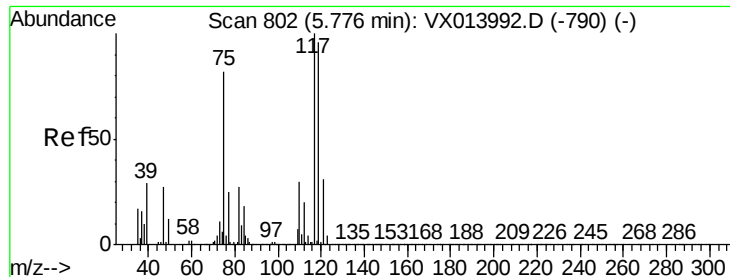
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 45.4 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.227 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

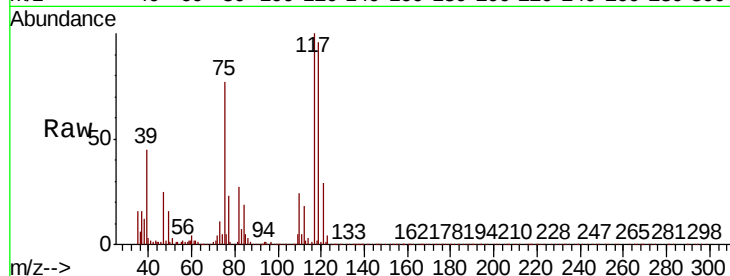
Tot Ion:117 Resp: 108918

Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

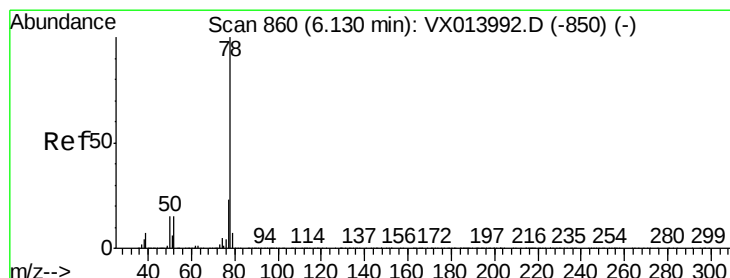
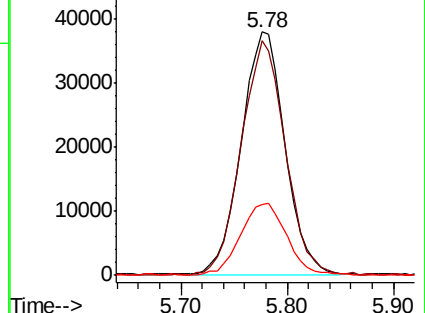
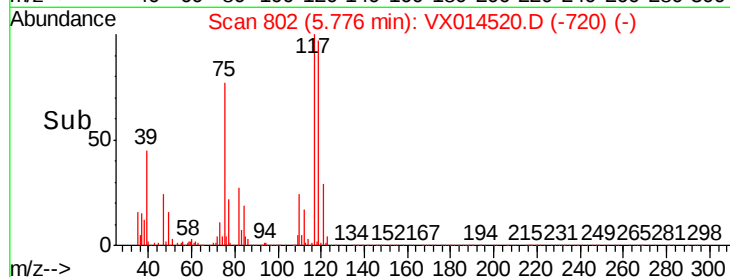
121 29.1 24.8 37.2



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: 19.460 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

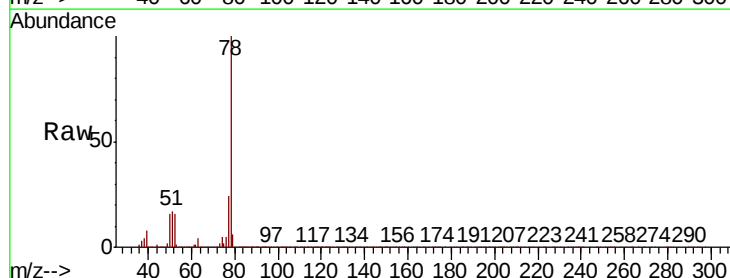
Tgt Ion: 78 Resp: 365584

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.2

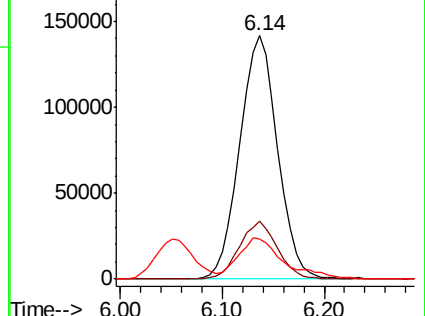
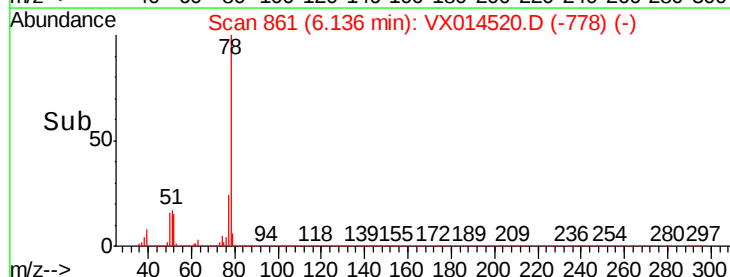
51 15.7 12.4 18.6

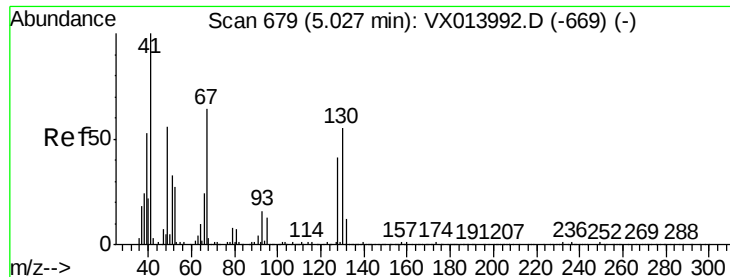


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

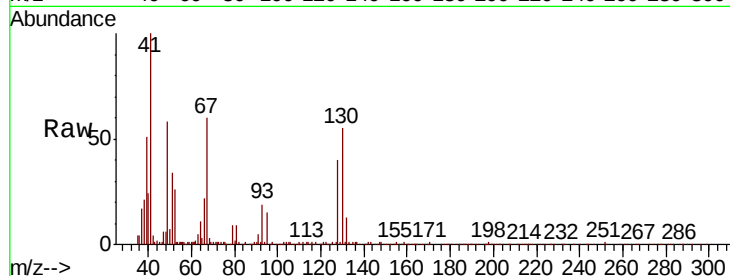




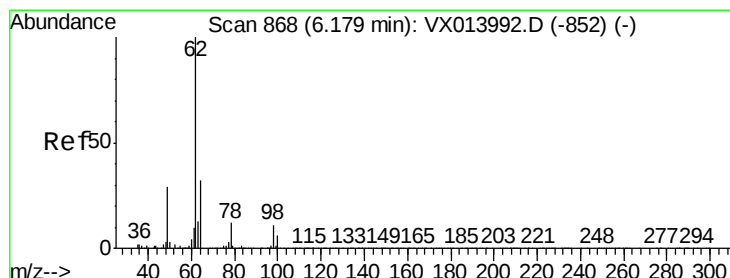
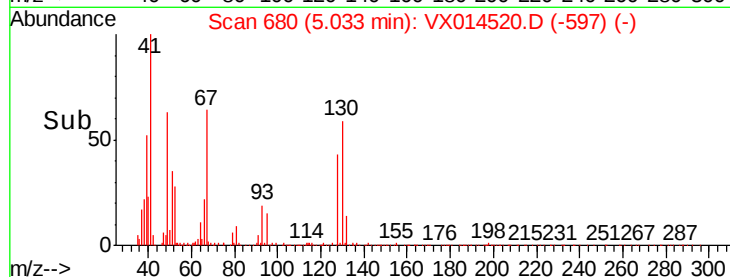
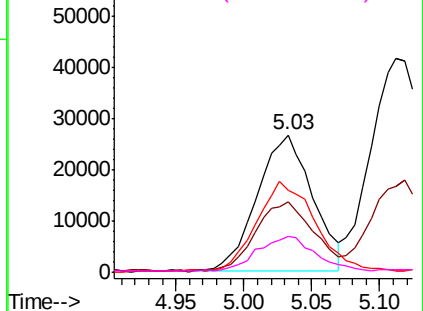
#35
Methacrylonitrile
Concen: 19.873 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	75901
Ion	Ratio	Lower	Upper
41	100		
39	51.5	26.7	80.1
67	58.6	31.5	94.5
52	25.3	12.8	38.4

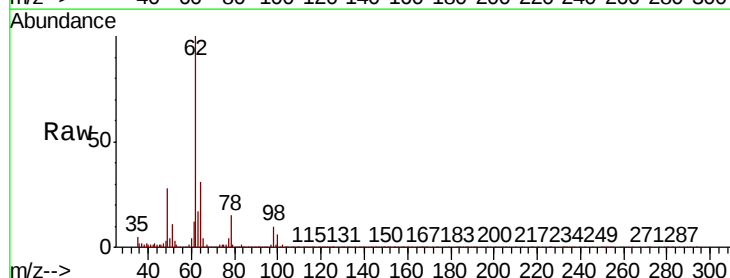


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

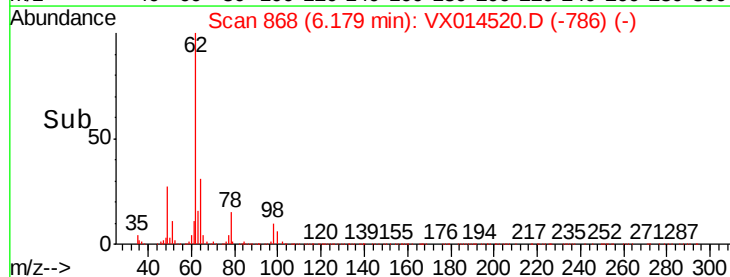
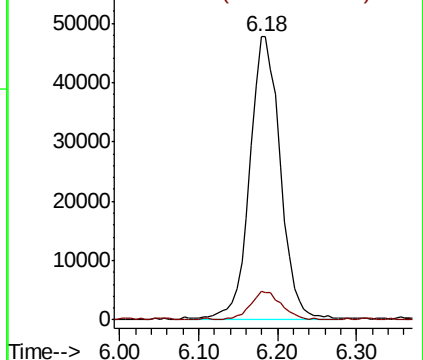


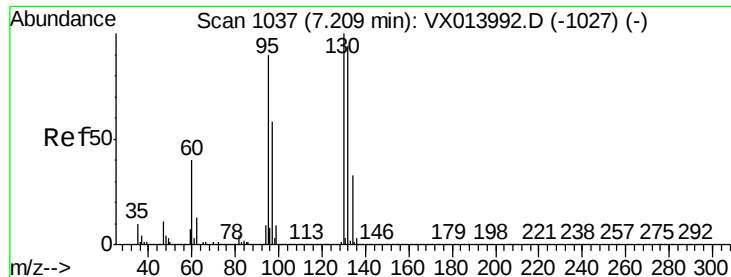
#36
1,2-Dichloroethane
Concen: 19.587 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion:	62	Resp:	127816
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 21.310 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

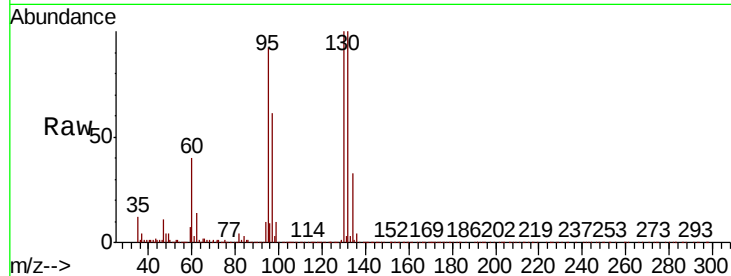
VSTDCCC020EC

Tot Ion:130 Resp: 108931

Ion Ratio Lower Upper

130 100

95 91.4 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

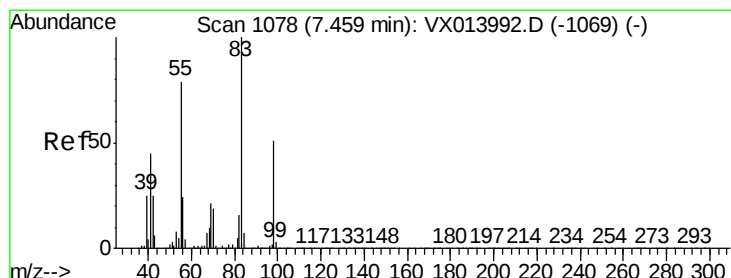
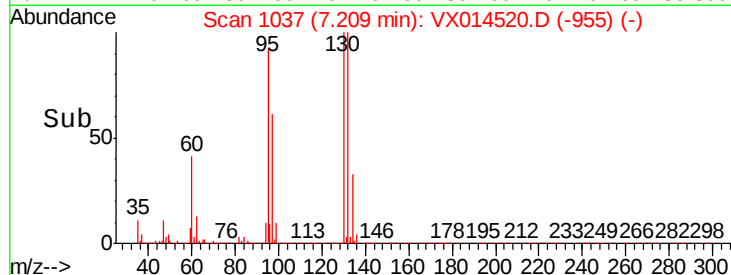
20000

10000

0

7.10 7.15 7.20 7.25

Time-->



#38

Methylcyclohexane

Concen: 19.199 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

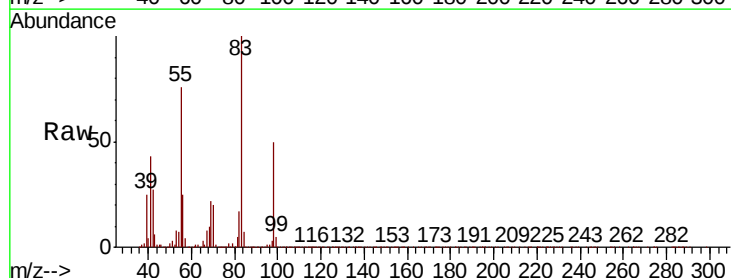
Tgt Ion: 83 Resp: 137979

Ion Ratio Lower Upper

83 100

55 76.3 39.4 118.1

98 49.1 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

80000

60000

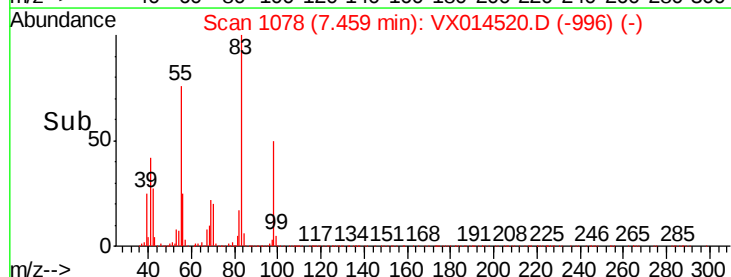
40000

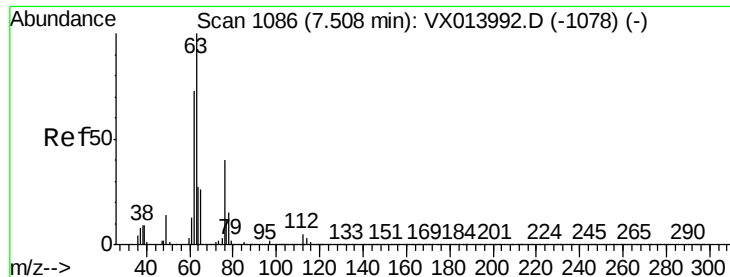
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 19.163 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

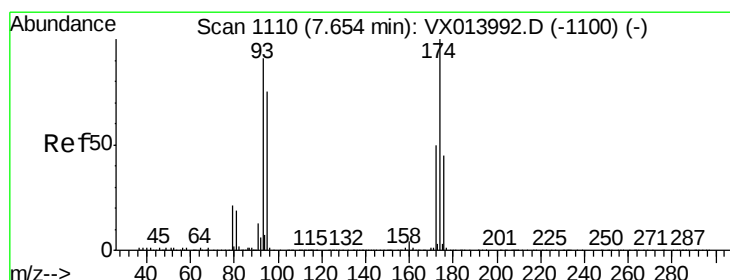
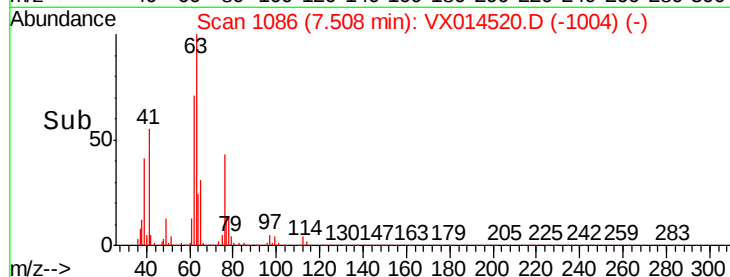
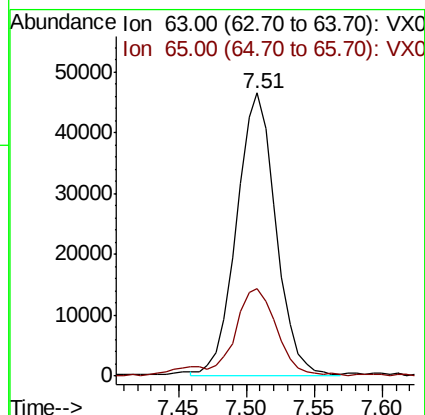
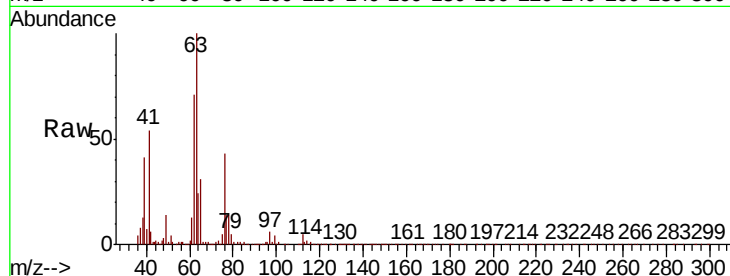
VSTDCCC020EC

Tot Ion: 63 Resp: 93499

Ion Ratio Lower Upper

63 100

65 30.4 22.1 33.1



#40

Dibromomethane

Concen: 20.117 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

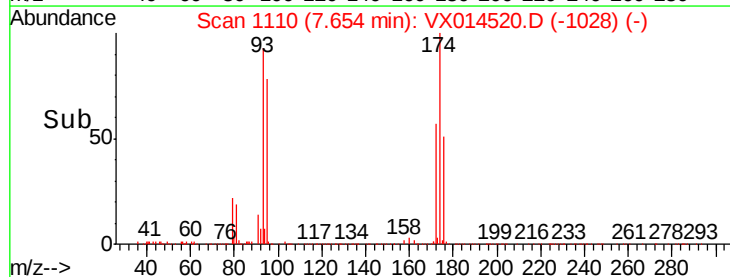
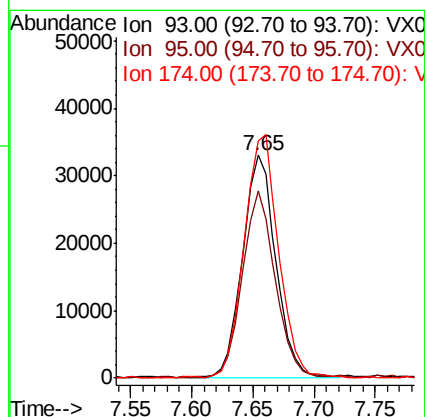
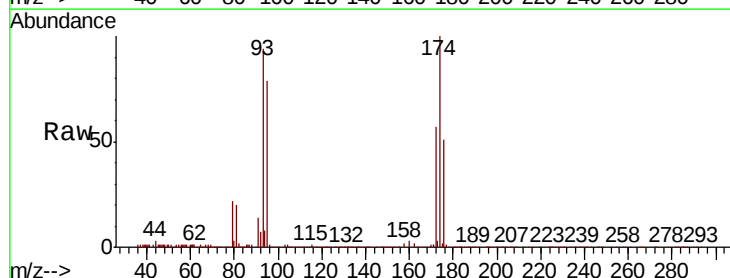
Tgt Ion: 93 Resp: 62703

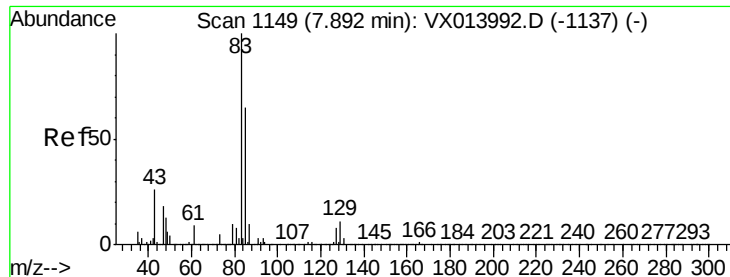
Ion Ratio Lower Upper

93 100

95 81.0 0.0 164.4

174 113.1 0.0 228.8





#41

Bromodichloromethane

Concen: 19.437 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

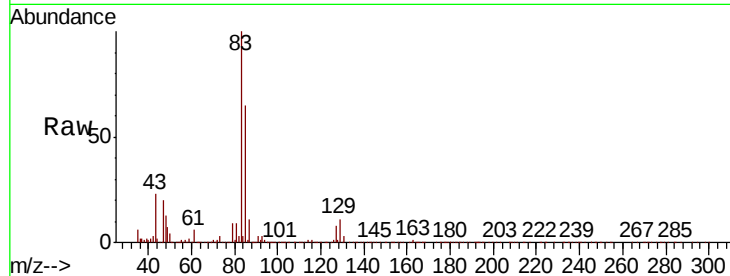
Tot Ion: 83 Resp: 117309

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

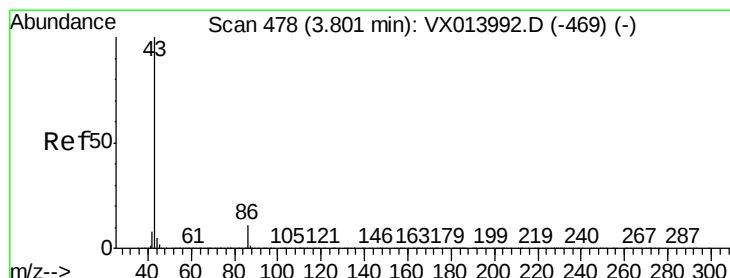
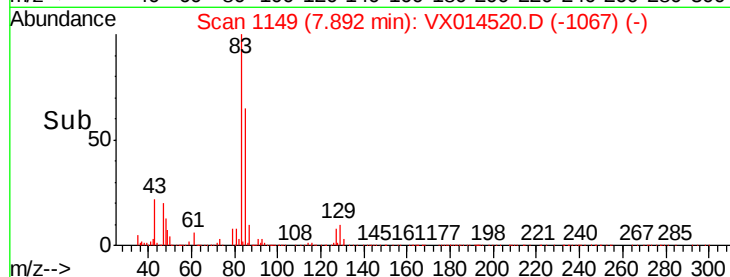
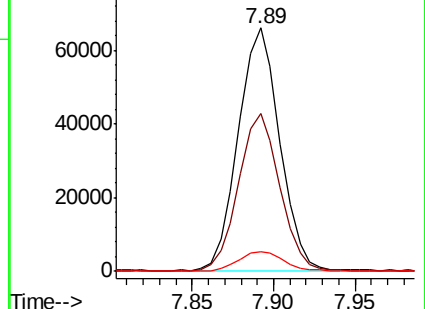
127 7.9 6.0 9.0



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: 53.300 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014520.D

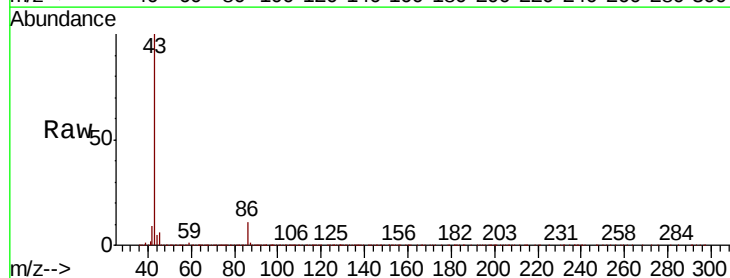
Acq: 10 Jan 2020 00:21

Tgt Ion: 43 Resp: 668257

Ion Ratio Lower Upper

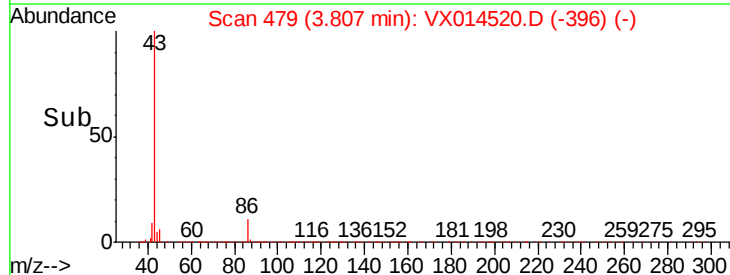
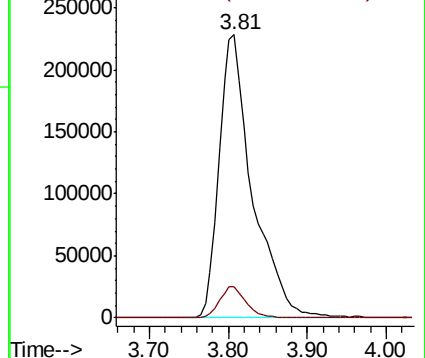
43 100

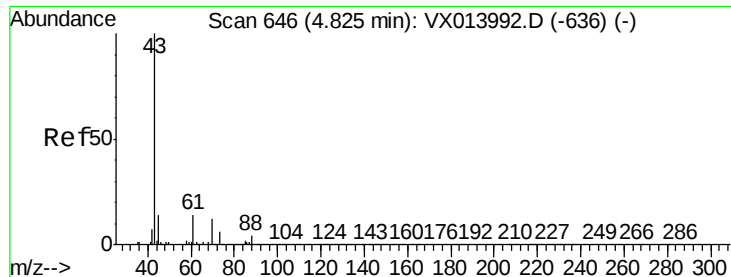
86 8.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.772 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

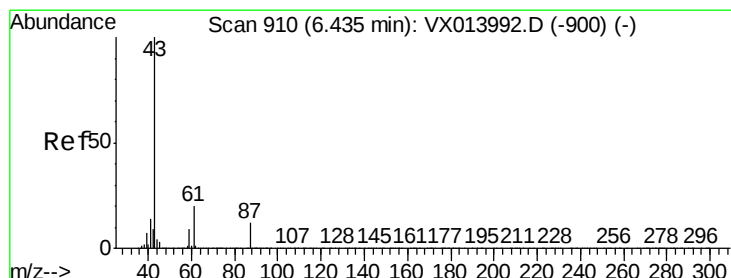
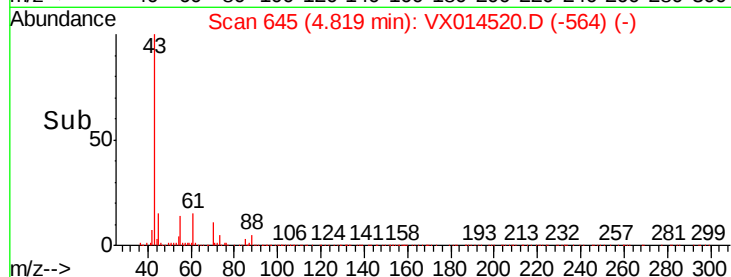
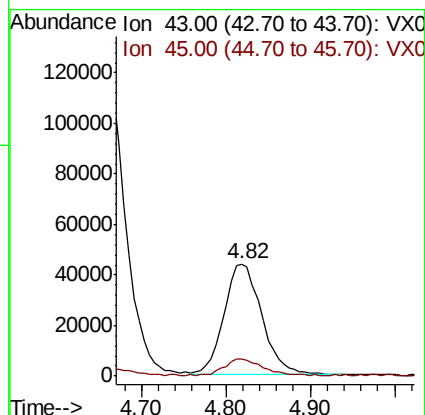
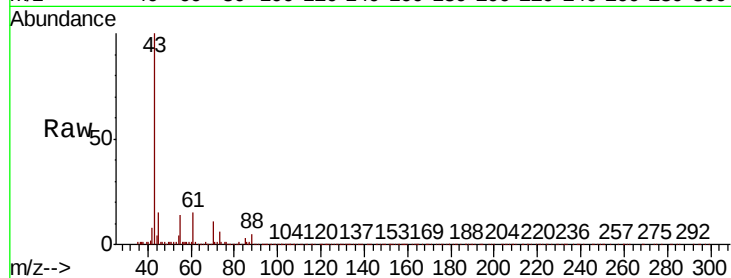
VSTDCCC020EC

Tot Ion: 43 Resp: 134727

Ion Ratio Lower Upper

43 100

45 13.9 11.8 17.8



#44

Isopropyl Acetate

Concen: 19.227 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014520.D

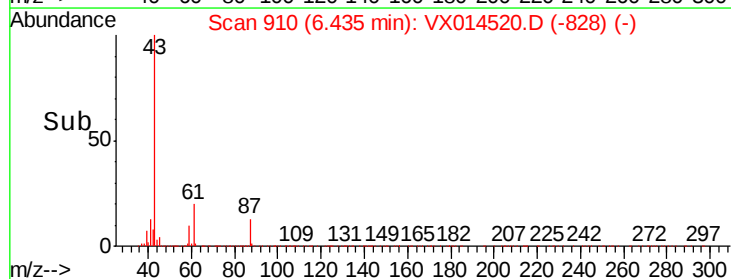
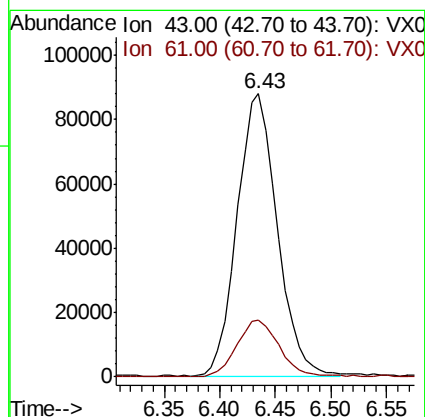
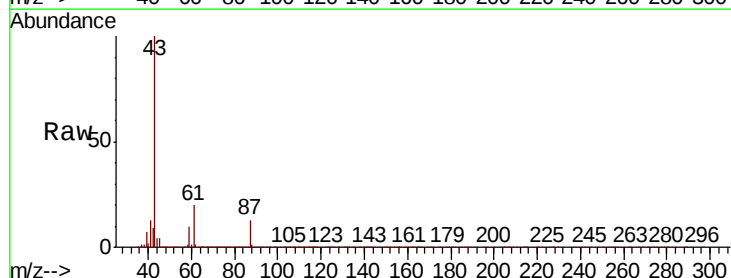
Acq: 10 Jan 2020 00:21

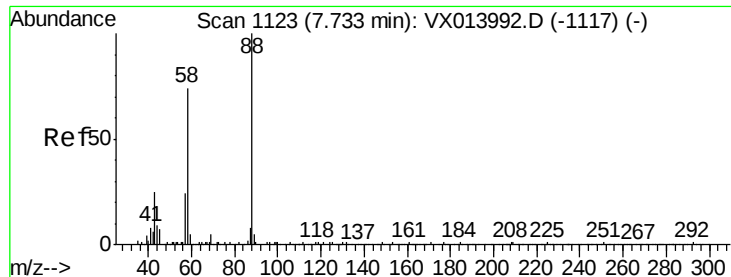
Tgt Ion: 43 Resp: 219432

Ion Ratio Lower Upper

43 100

61 21.1 15.9 23.9

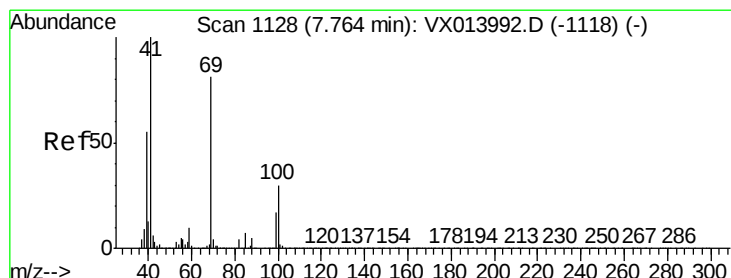
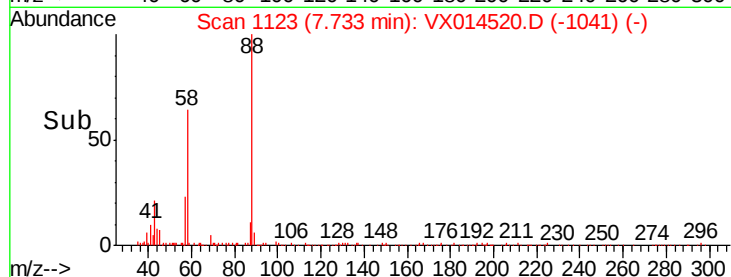
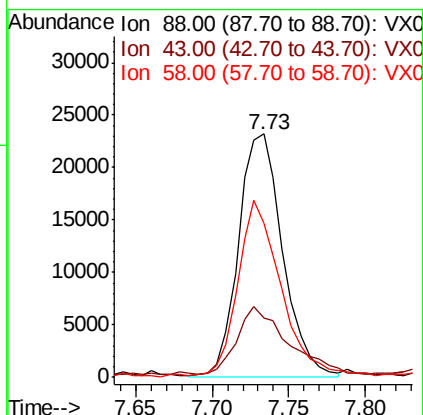
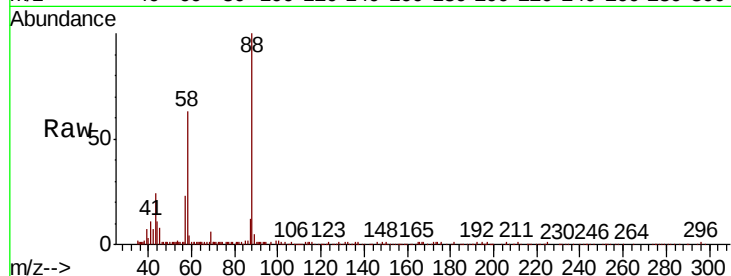




#45
 1,4-Dioxane
 Concen: 435.332 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

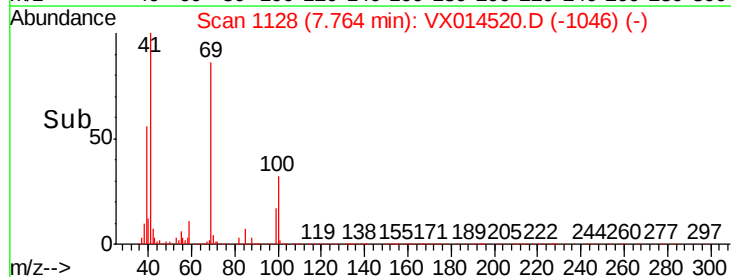
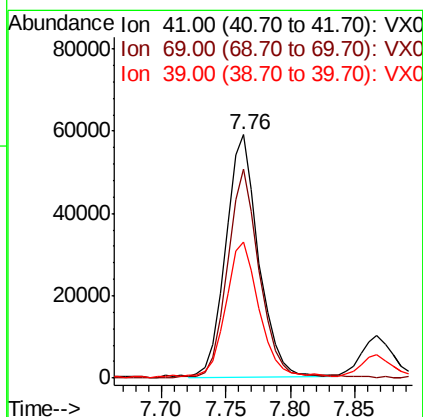
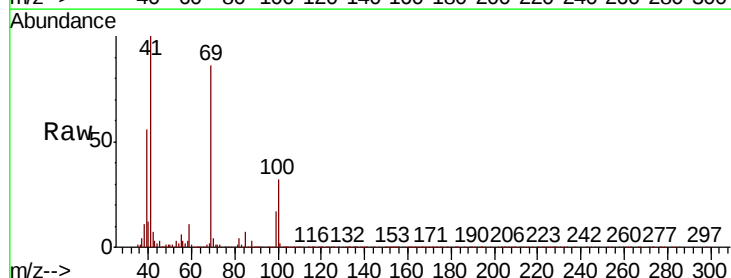
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

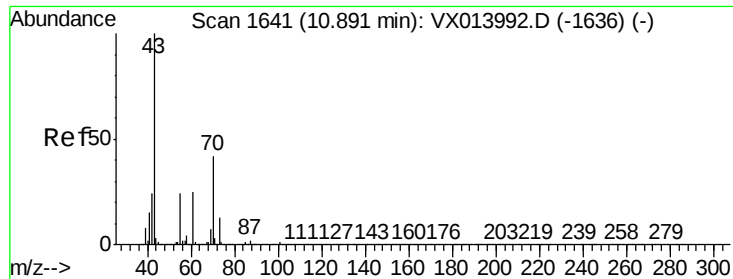
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.4	38.2
58	69.1	56.5	84.7



#46
 Methyl methacrylate
 Concen: 18.989 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.8	40.6	122.0
39	55.5	27.8	83.3

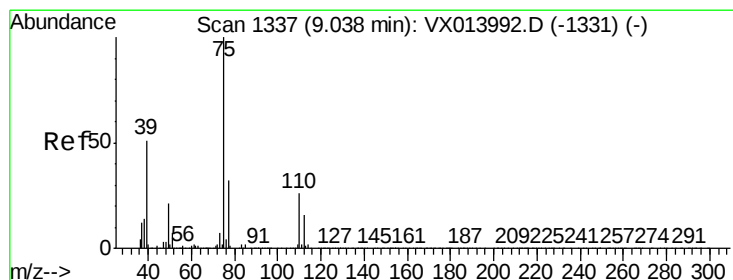
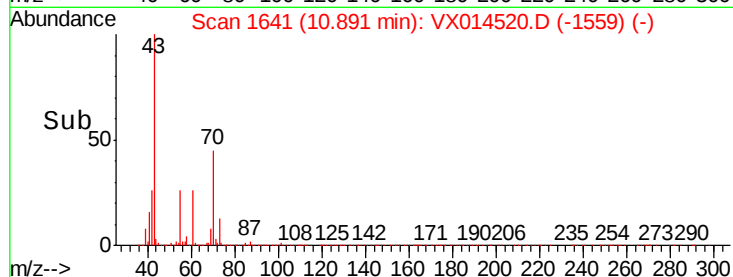
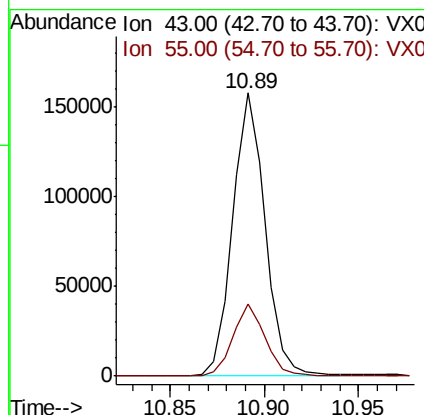
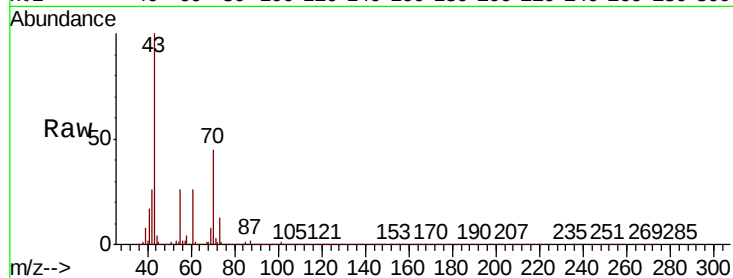




#47
n-amvl Acetate
Concen: 18.418 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

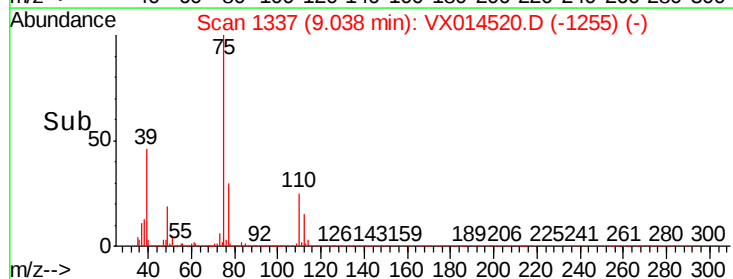
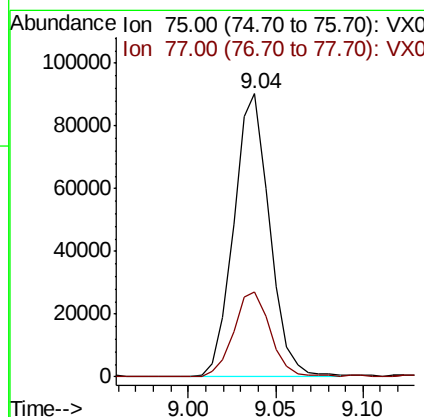
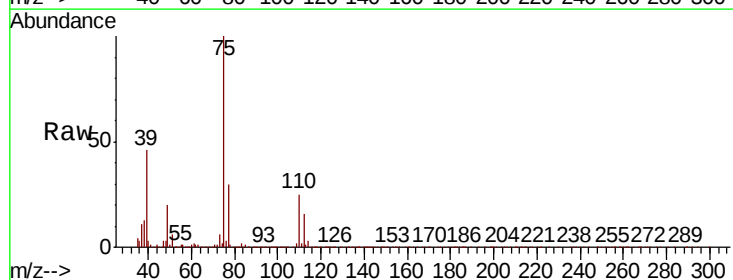
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

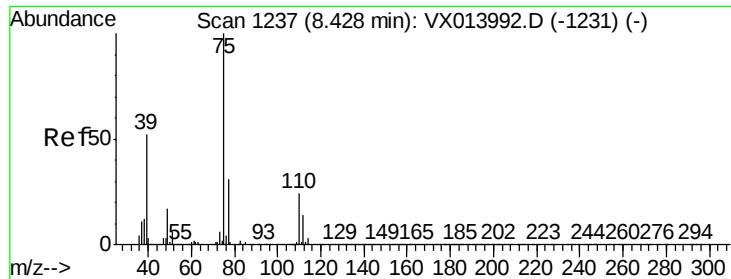
Tot Ion: 43 Resp: 186903
Ion Ratio Lower Upper
43 100
55 25.3 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 19.398 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 75 Resp: 127777
Ion Ratio Lower Upper
75 100
77 29.8 26.0 39.0



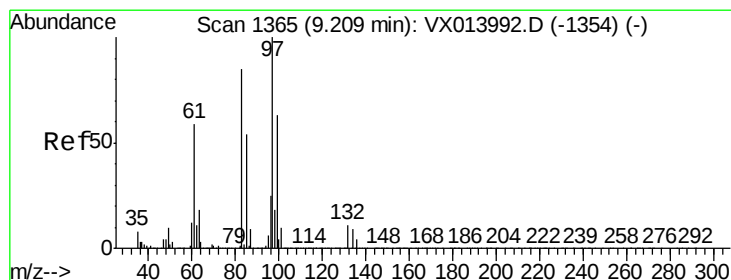
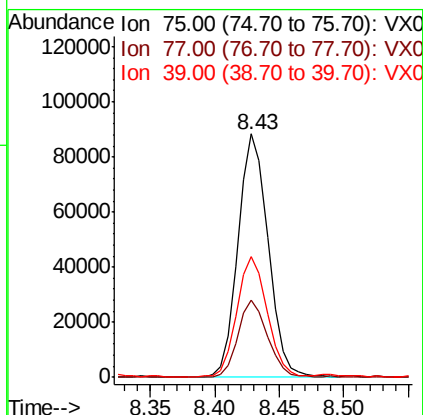
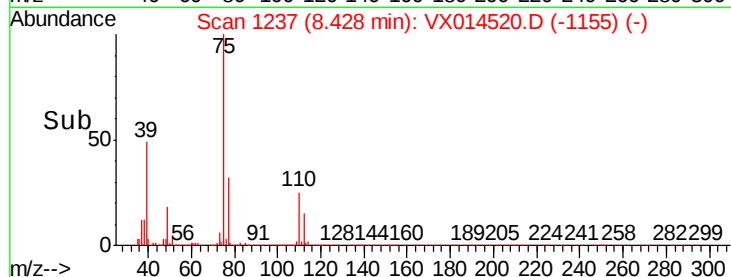
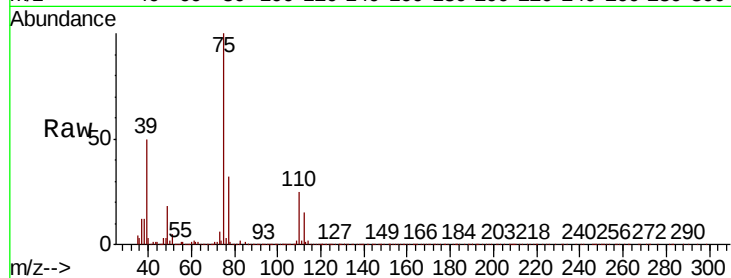


#49

cis-1,3-Dichloropropene
 Concen: 19.351 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

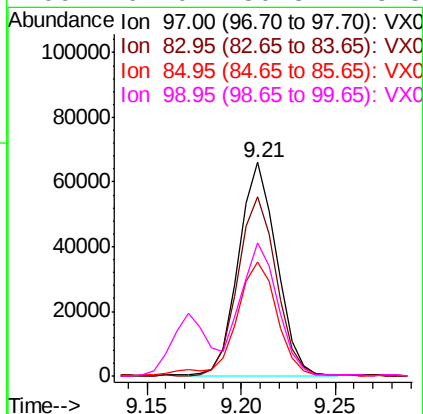
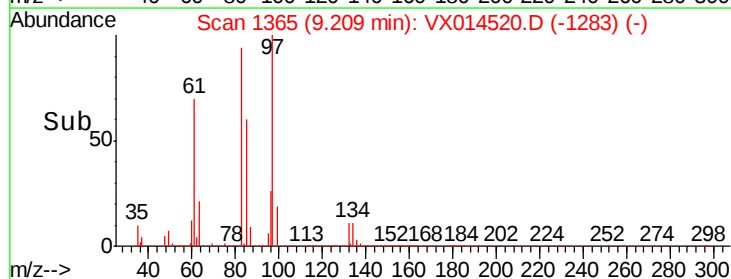
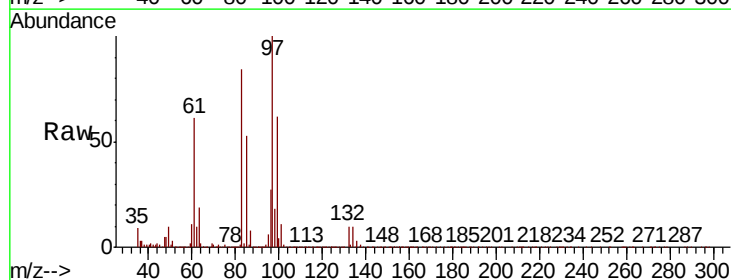
Tot Ion:	75	Resp:	143353
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	49.4	41.1	61.7

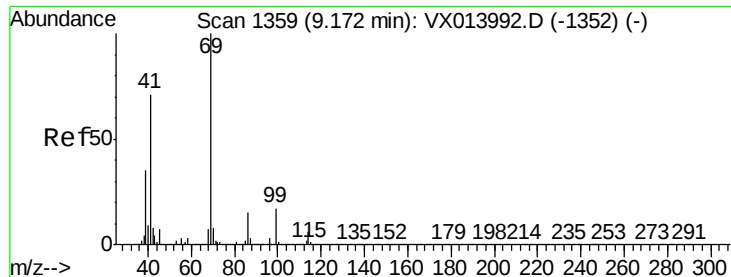


#50

1,1,2-Trichloroethane
 Concen: 19.225 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion:	97	Resp:	92481
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	52.9	42.7	64.1
99	62.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.200 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

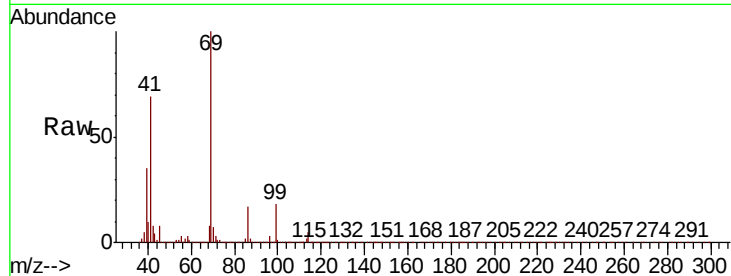
Tot Ion: 69 Resp: 146914

Ion Ratio Lower Upper

69 100

41 68.3 35.4 106.1

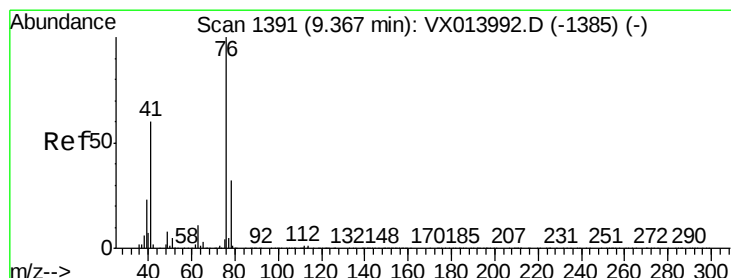
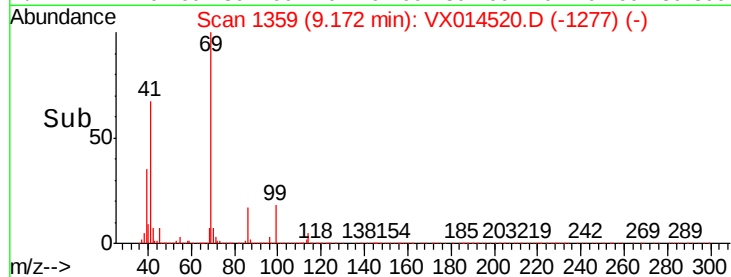
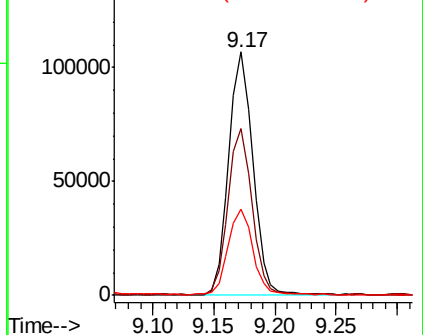
39 35.3 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.369 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014520.D

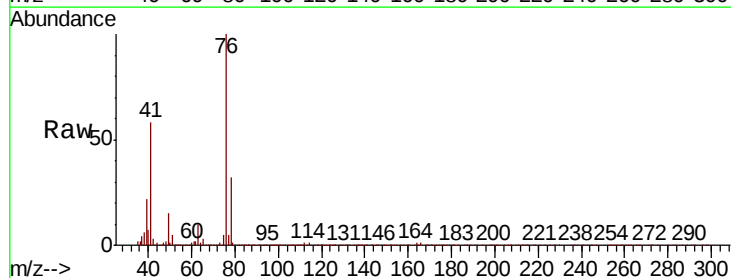
Acq: 10 Jan 2020 00:21

Tgt Ion: 76 Resp: 158298

Ion Ratio Lower Upper

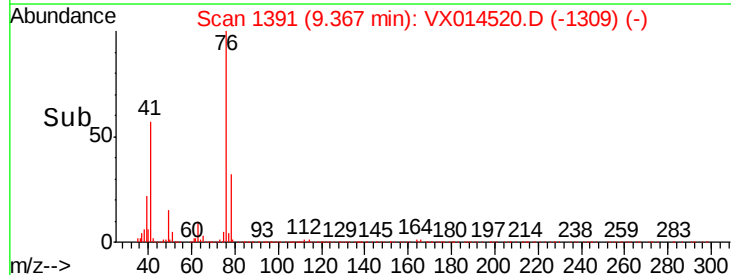
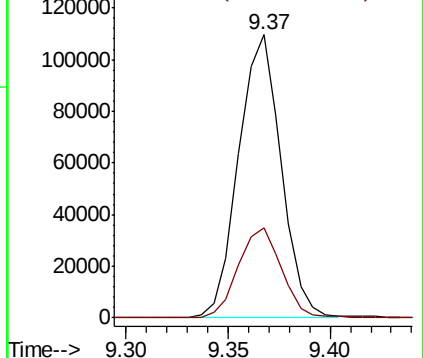
76 100

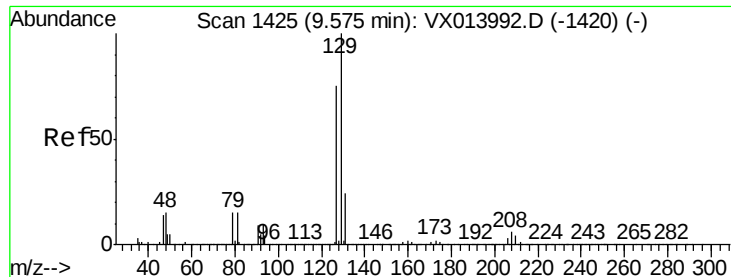
78 32.3 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.644 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

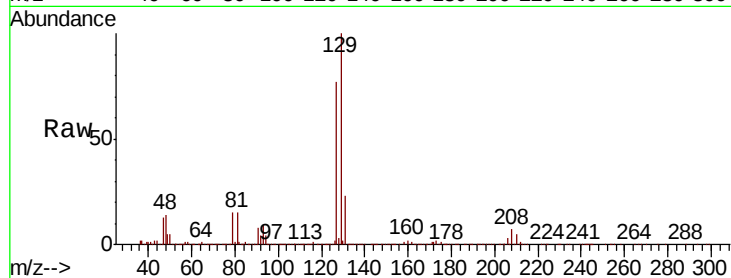
VSTDCCC020EC

Tot Ion:129 Resp: 94488

Ion Ratio Lower Upper

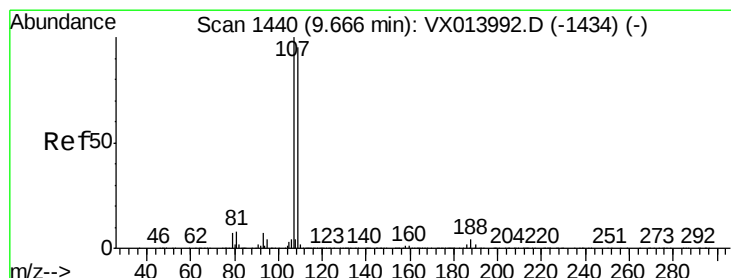
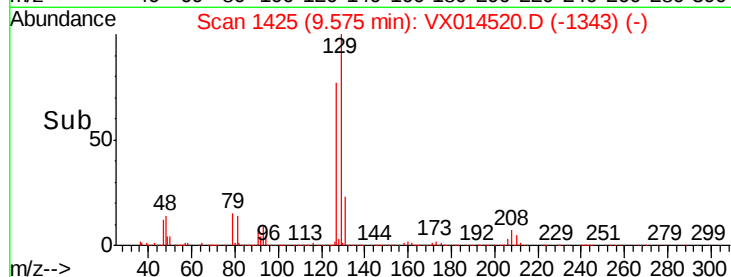
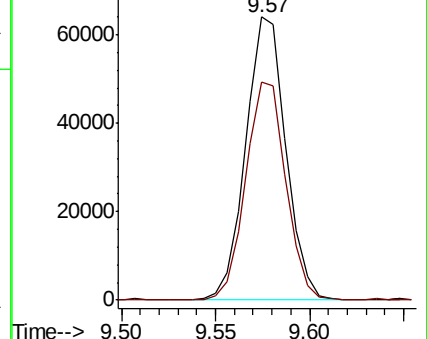
129 100

127 77.1 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: 19.909 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014520.D

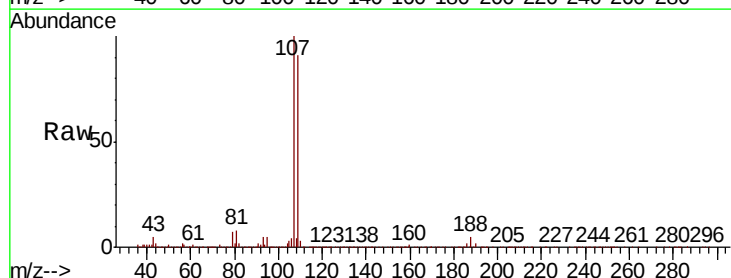
Acq: 10 Jan 2020 00:21

Tgt Ion:107 Resp: 98608

Ion Ratio Lower Upper

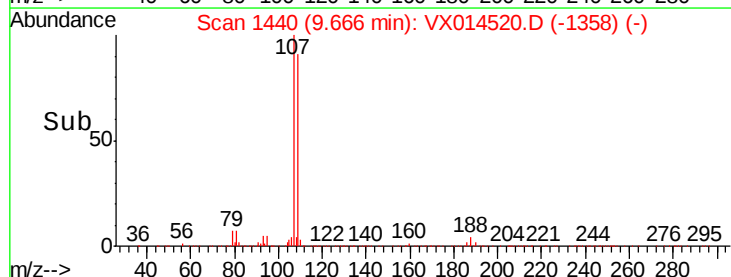
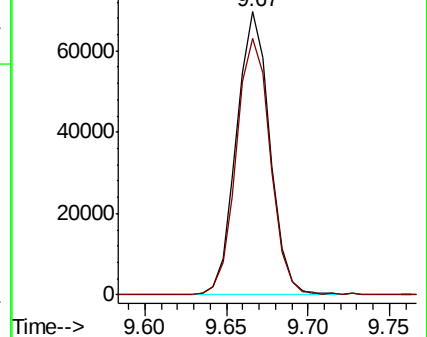
107 100

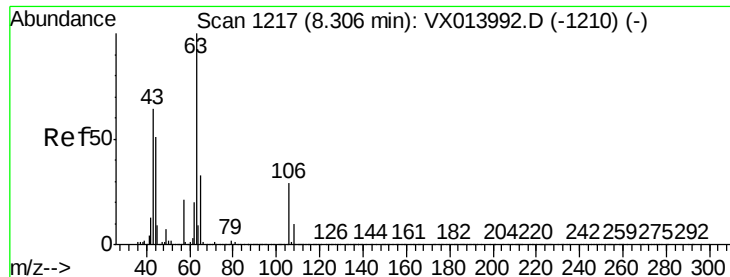
109 92.5 77.2 115.8



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: 99.770 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

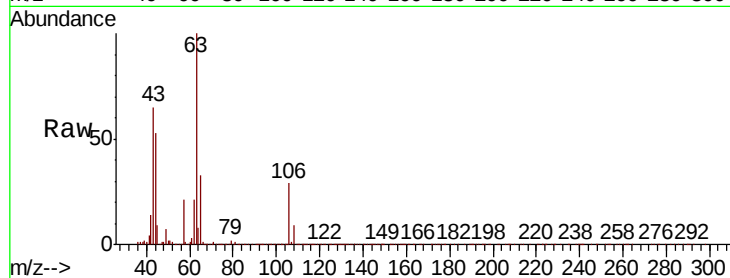
Tot Ion: 63 Resp: 336523

Ion Ratio Lower Upper

63 100

65 32.7 25.8 38.6

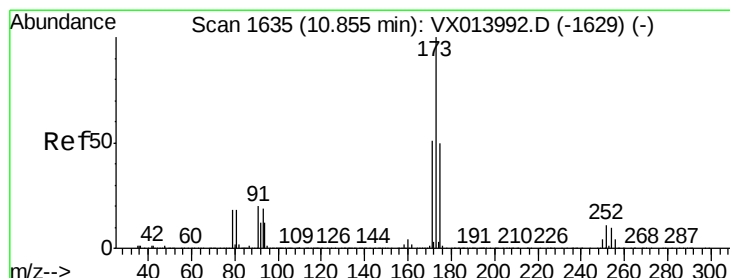
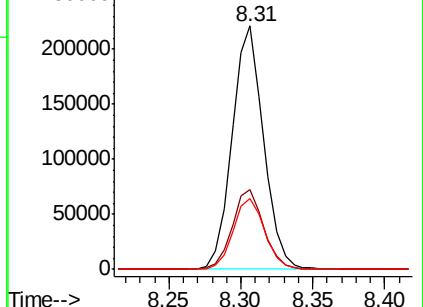
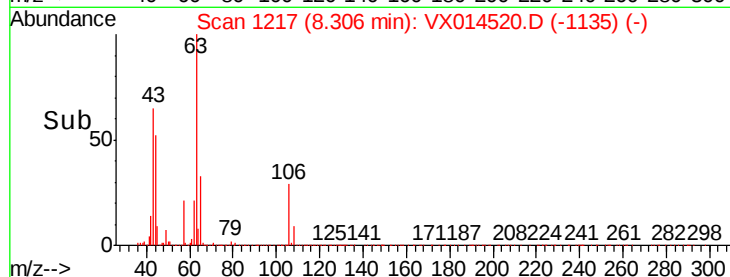
106 29.2 22.9 34.3



Abundance Ion 63.00 (62.70 to 63.70): VX014520.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): VX014520.D (-1135) (-)

Ion 106.00 (105.70 to 106.70): VX014520.D (-1135) (-)



#56

Bromoform

Concen: 18.914 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

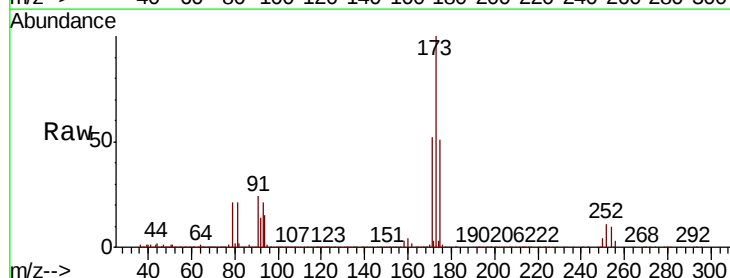
Tgt Ion: 173 Resp: 70948

Ion Ratio Lower Upper

173 100

175 49.2 39.5 59.3

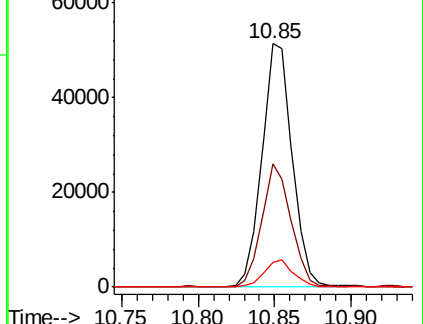
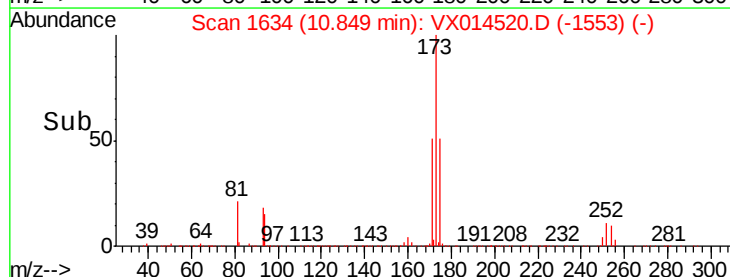
254 10.9 8.2 12.4

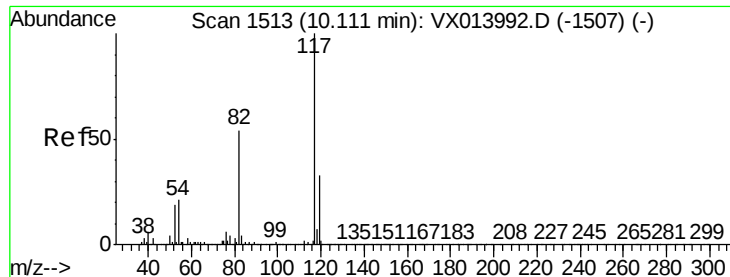


Abundance Ion 173.00 (172.70 to 173.70): VX014520.D (-1553) (-)

Ion 175.00 (174.70 to 175.70): VX014520.D (-1553) (-)

Ion 254.00 (253.70 to 254.70): VX014520.D (-1553) (-)

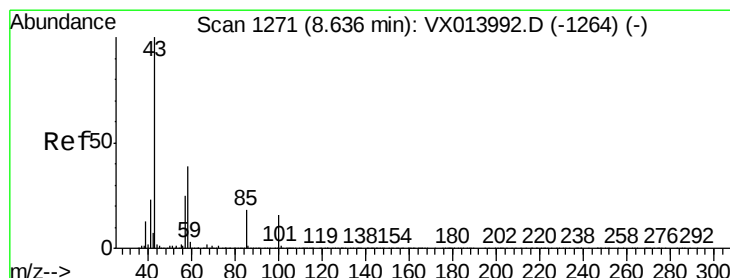
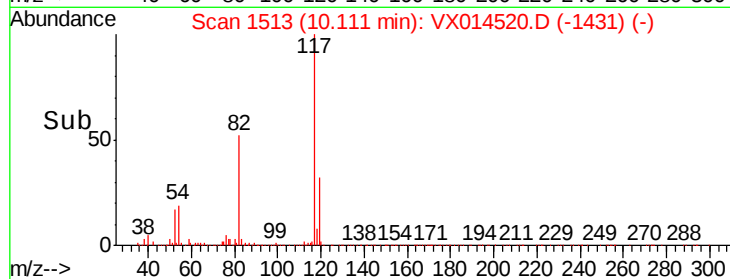
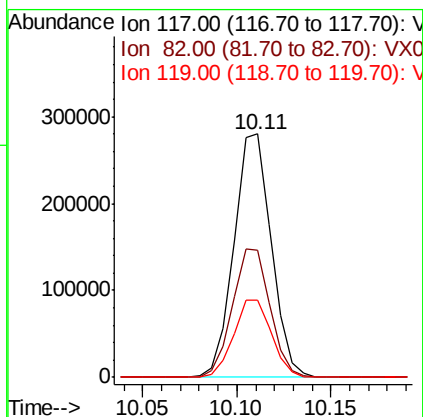
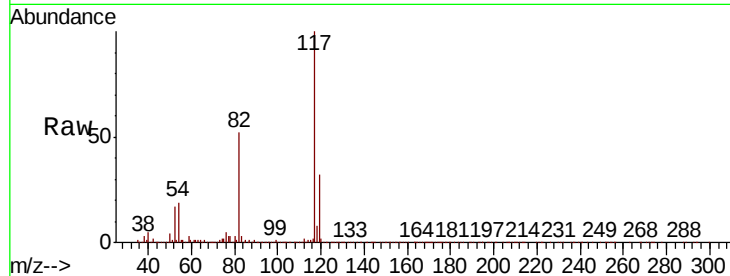




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

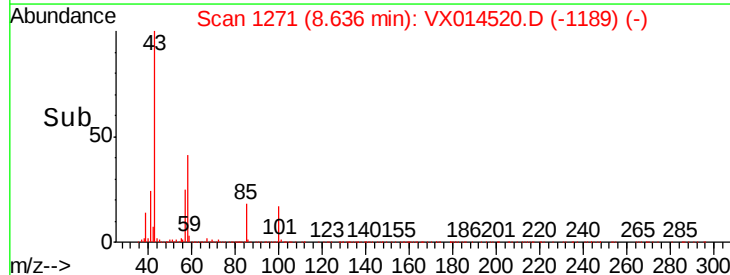
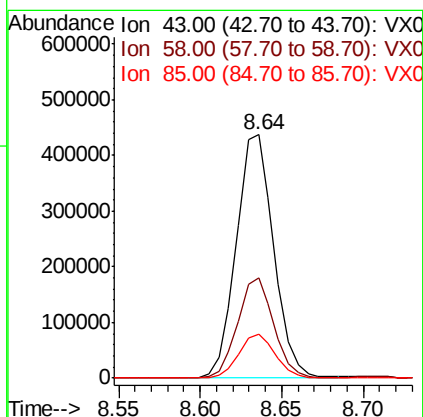
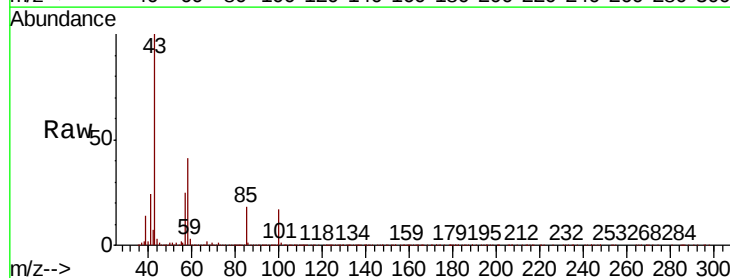
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

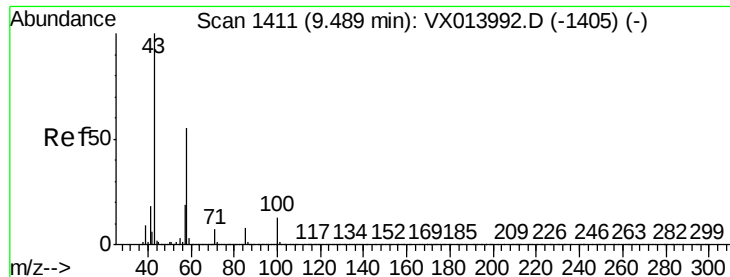
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 96.524 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.6	14.2	21.2

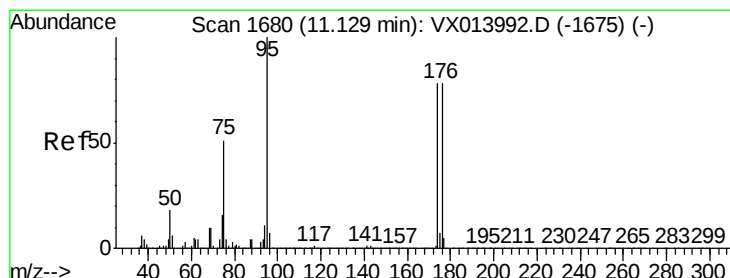
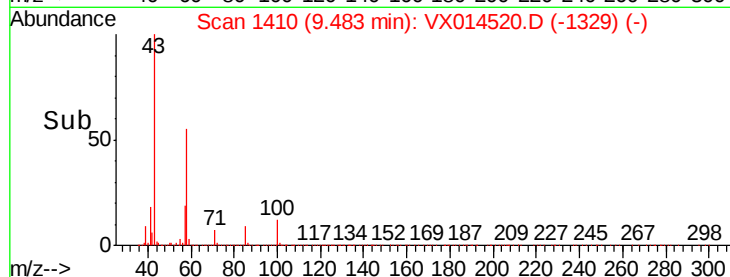
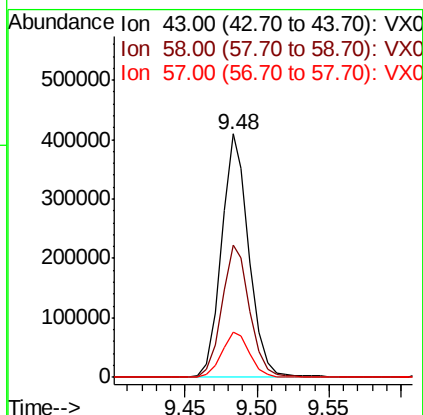
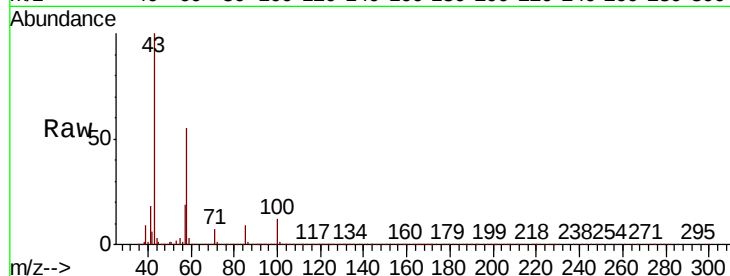




#59
2-Hexanone
Concen: 98.933 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

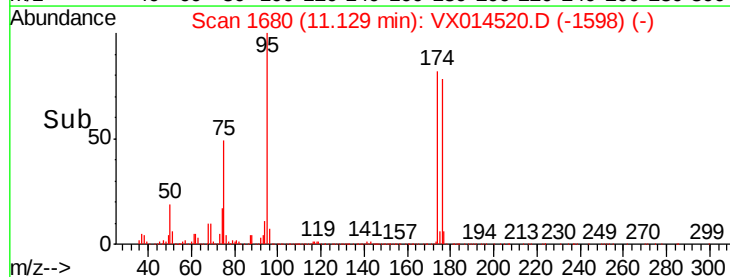
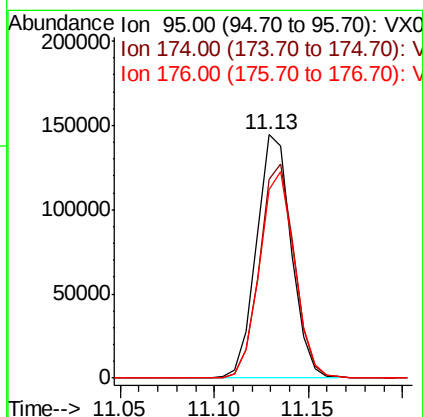
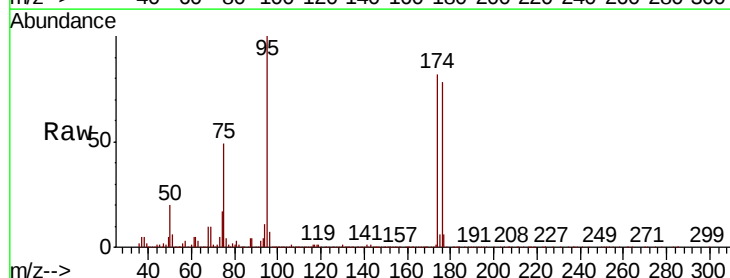
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

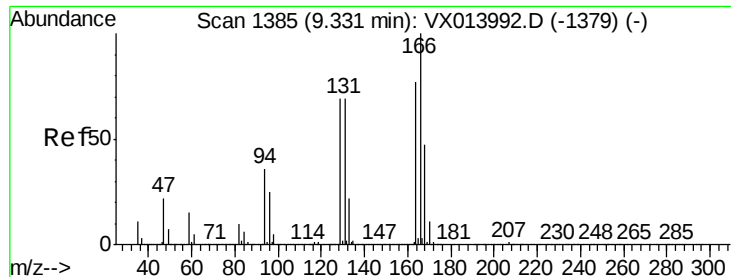
Tot Ion: 43 Resp: 542440
Ion Ratio Lower Upper
43 100
58 55.6 43.8 65.6
57 19.0 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.673 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 95 Resp: 185019
Ion Ratio Lower Upper
95 100
174 87.7 70.2 105.2
176 85.7 68.3 102.5





#61

Tetrachloroethene

Concen: 29.383 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 150095

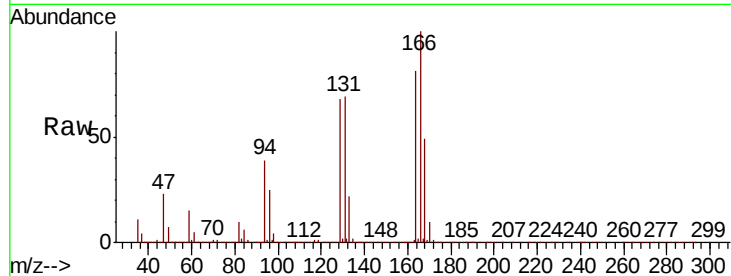
Ion Ratio Lower Upper

164 100

166 123.1 104.2 156.2

129 84.1 71.6 107.4

131 84.4 71.7 107.5

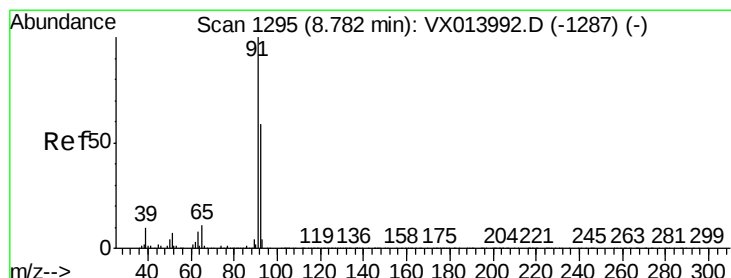
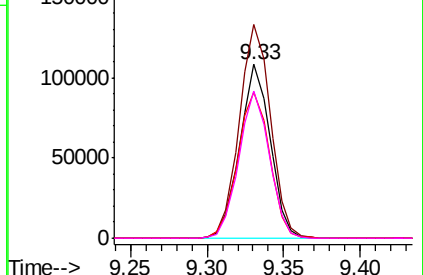
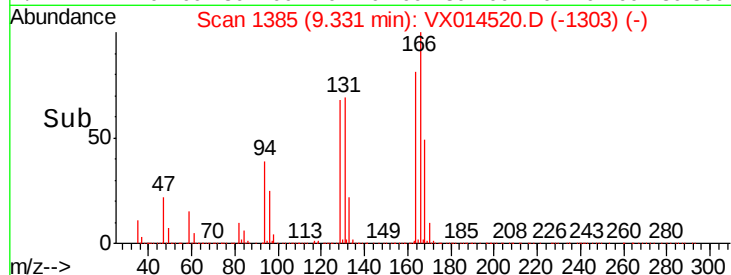


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.282 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014520.D

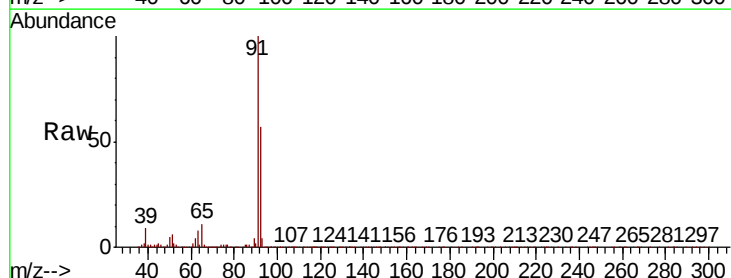
Acq: 10 Jan 2020 00:21

Tgt Ion: 91 Resp: 396004

Ion Ratio Lower Upper

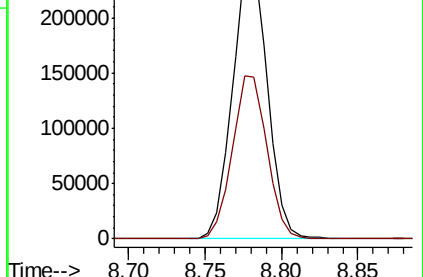
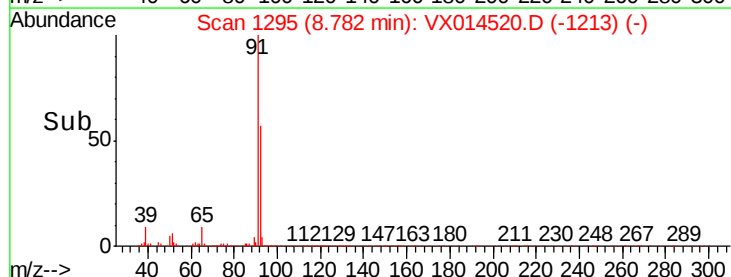
91 100

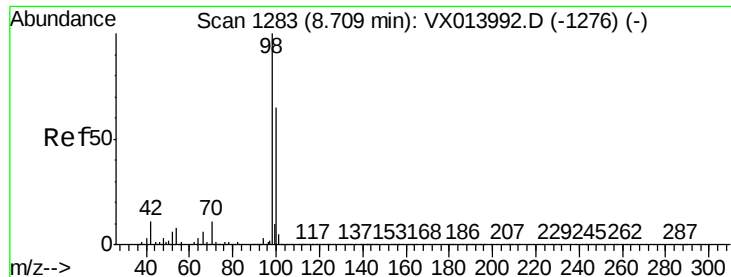
92 58.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.819 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

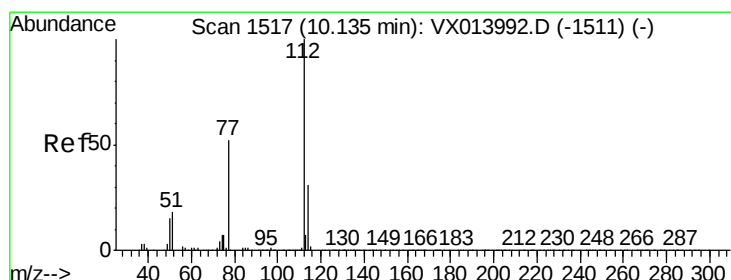
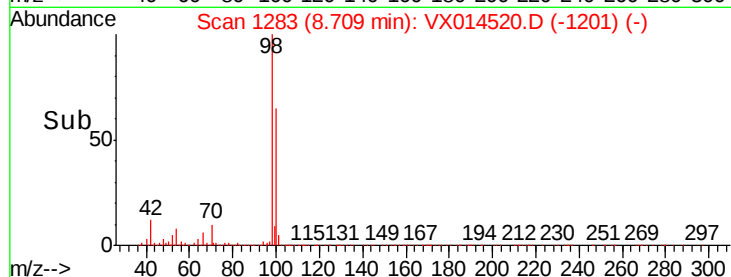
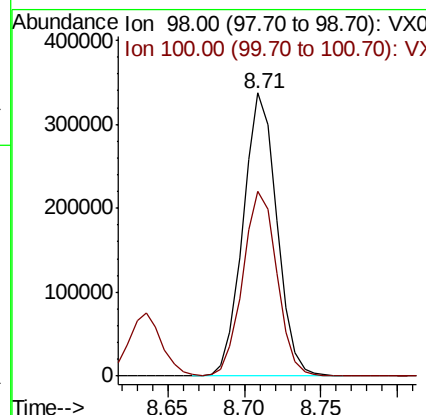
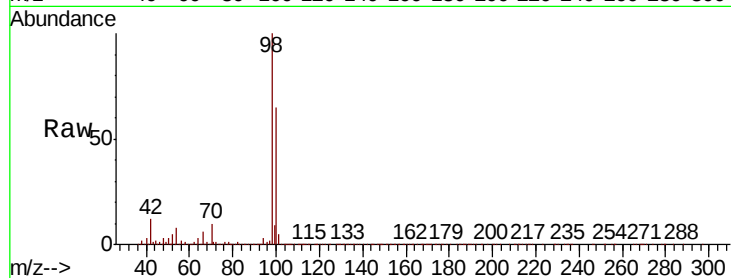
VSTDCCC020EC

Tot Ion: 98 Resp: 514668

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2



#64

Chlorobenzene

Concen: 19.102 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014520.D

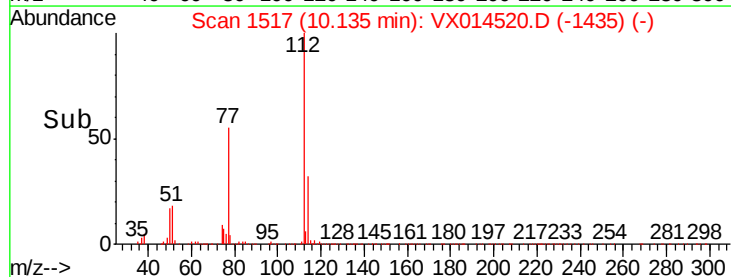
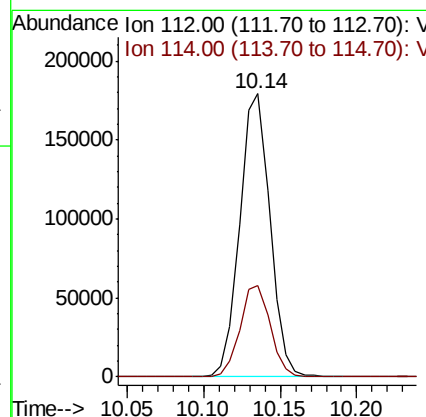
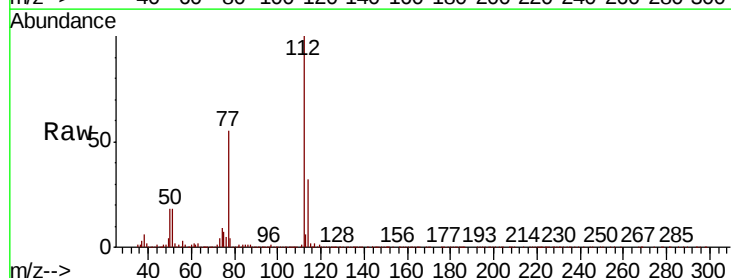
Acq: 10 Jan 2020 00:21

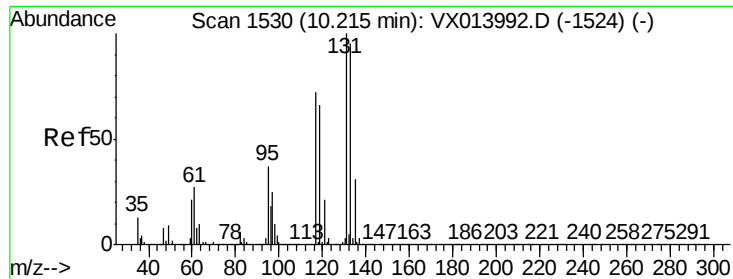
Tgt Ion: 112 Resp: 245784

Ion Ratio Lower Upper

112 100

114 32.2 24.4 36.6

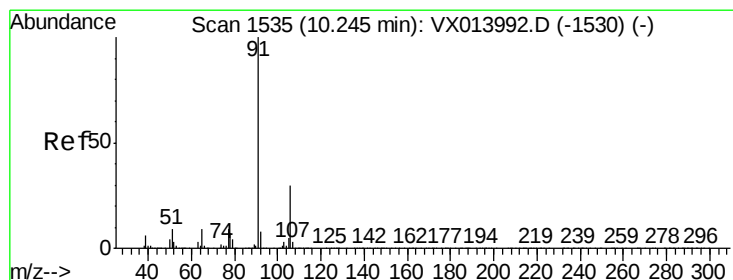
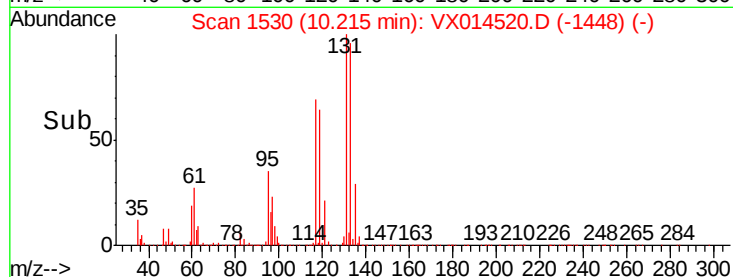
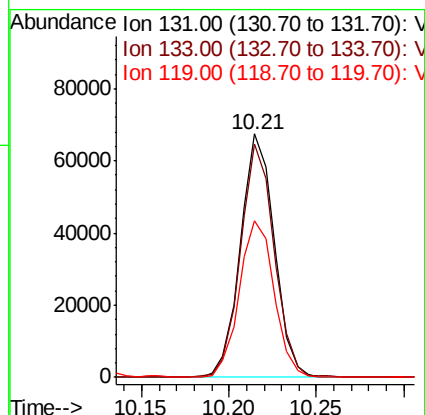
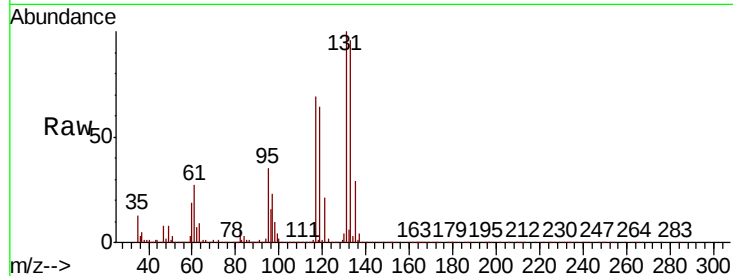




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.013 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

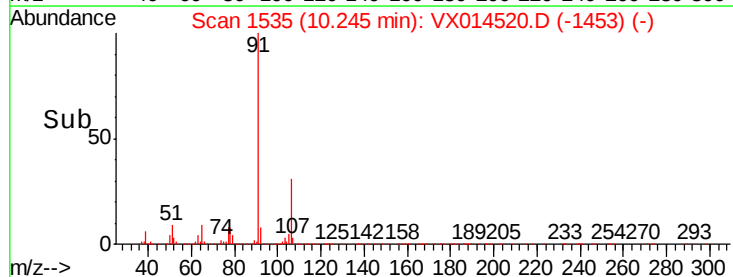
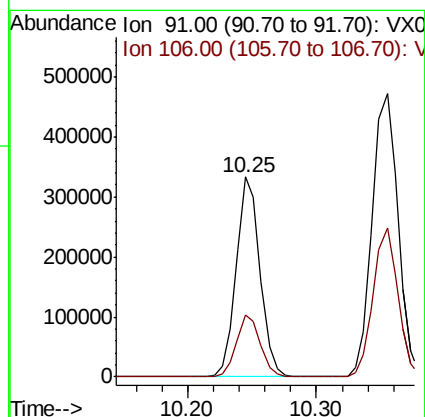
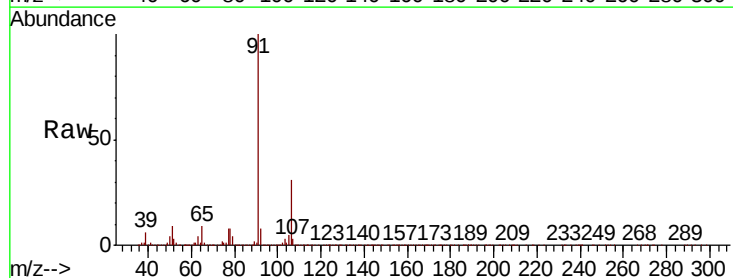
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

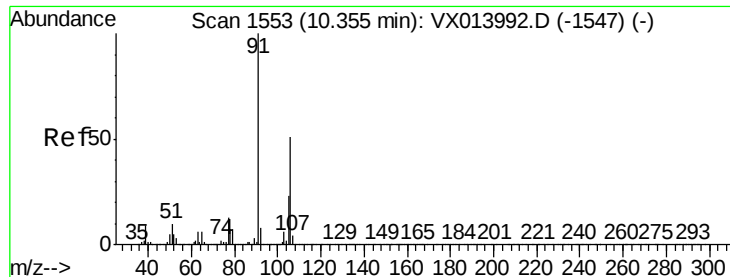
Tot Ion:131 Resp: 90581
 Ion Ratio Lower Upper
 131 100
 133 95.3 0.0 189.8
 119 66.4 0.0 132.2



#66
 Ethyl Benzene
 Concen: 19.159 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion: 91 Resp: 430598
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.2 36.2

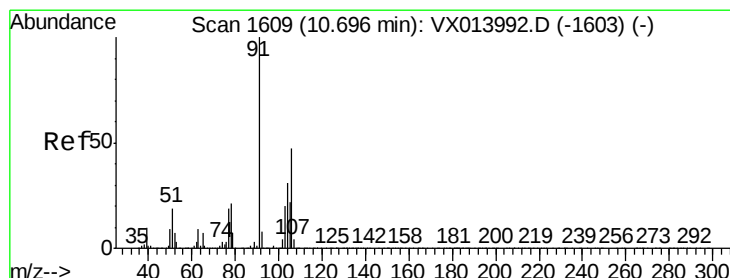
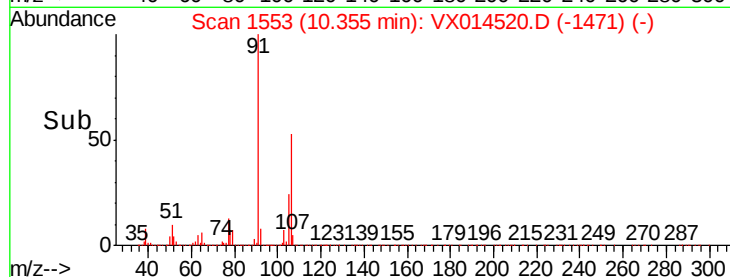
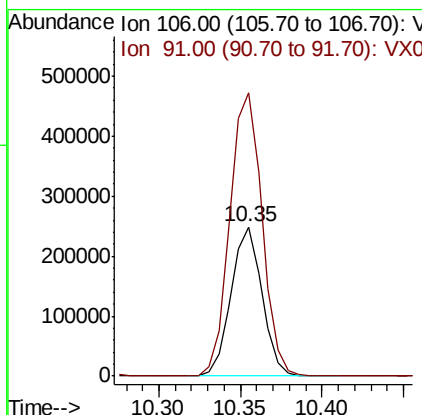
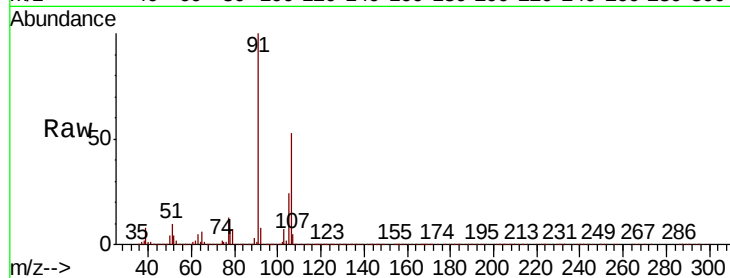




#67
m/p-Xylenes
Concen: 38.133 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

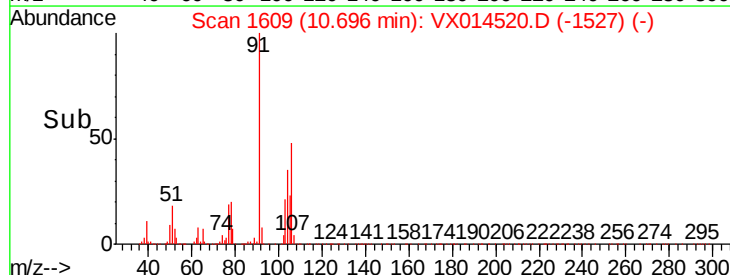
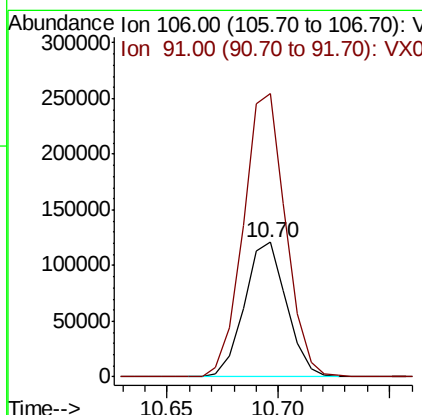
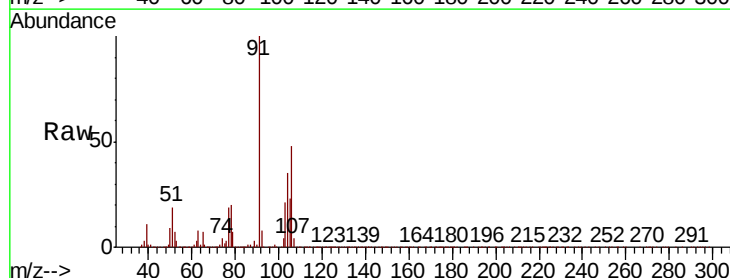
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

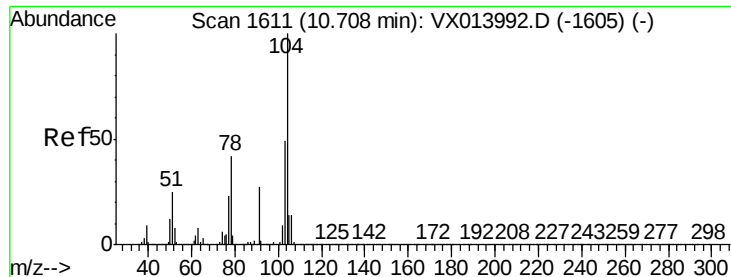
Tot Ion:106 Resp: 327621
Ion Ratio Lower Upper
106 100
91 198.1 159.3 238.9



#68
o-Xylene
Concen: 18.631 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion:106 Resp: 158575
Ion Ratio Lower Upper
106 100
91 211.7 104.8 314.6

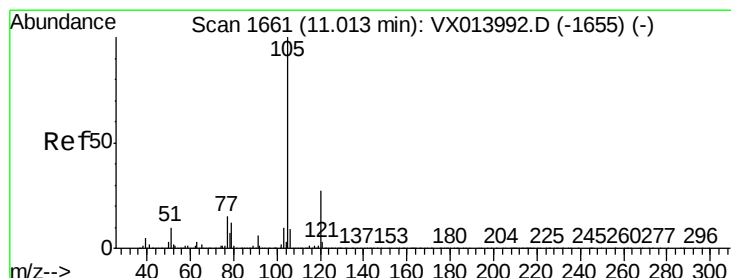
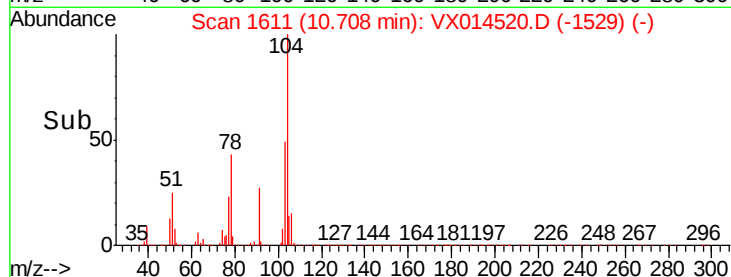
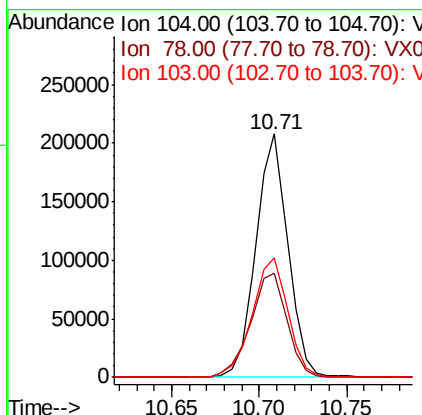
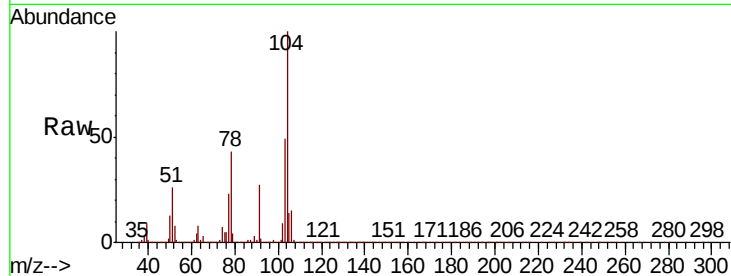




#69
Stvrene
Concen: 18.254 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

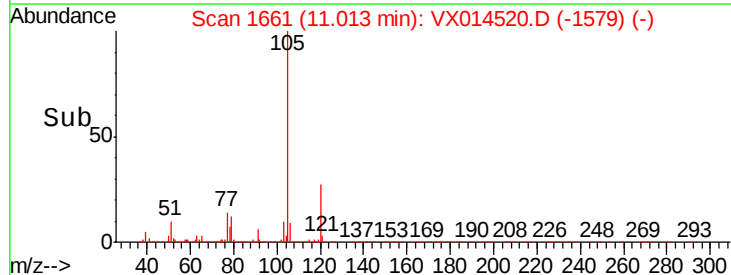
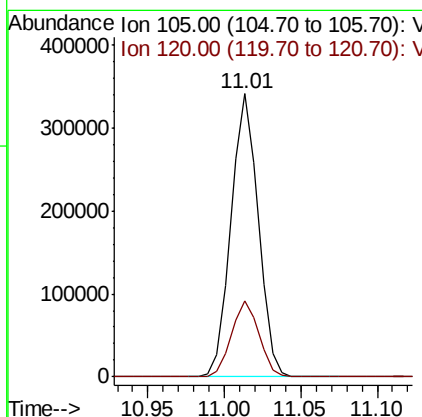
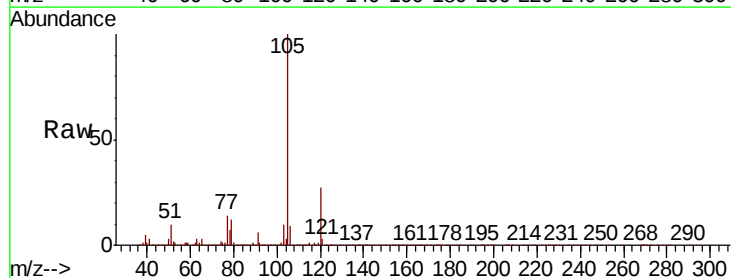
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

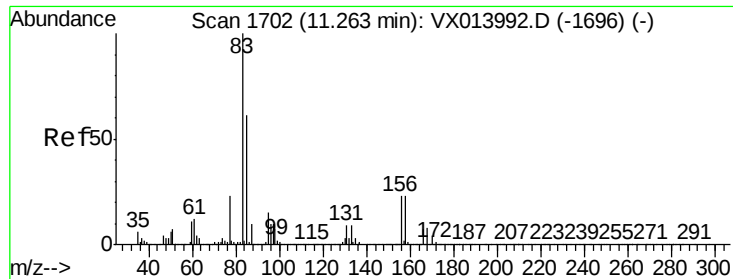
Tot Ion:104 Resp: 264203
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 54.7 44.2 66.2



#70
Isopropylbenzene
Concen: 19.117 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion:105 Resp: 420472
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 15.617 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

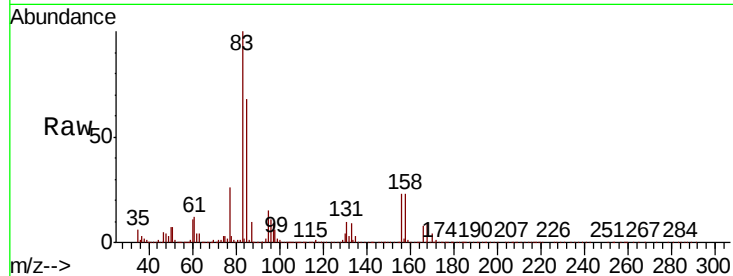
Tot Ion: 83 Resp: 121814

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

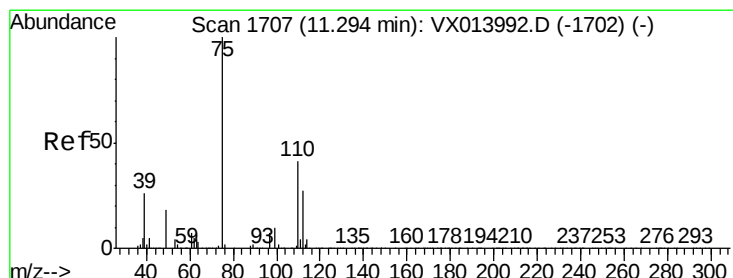
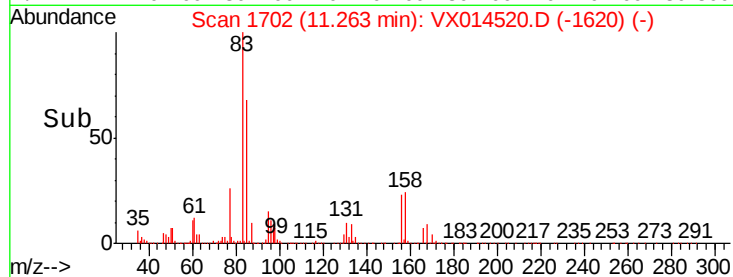
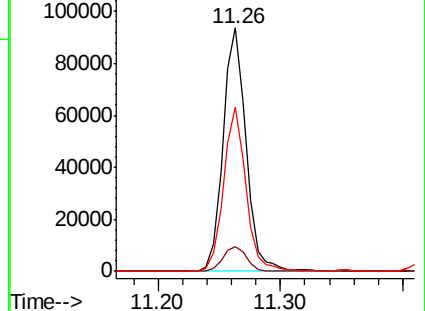
85 65.1 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.536 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014520.D

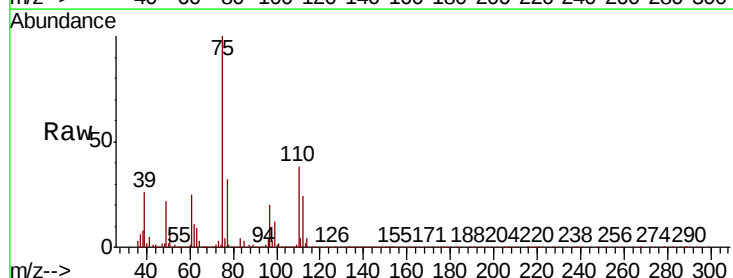
Acq: 10 Jan 2020 00:21

Tgt Ion: 75 Resp: 156464

Ion Ratio Lower Upper

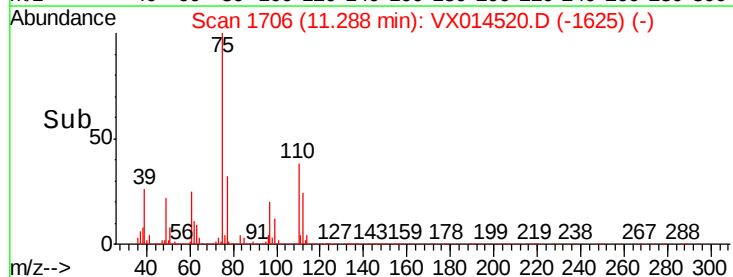
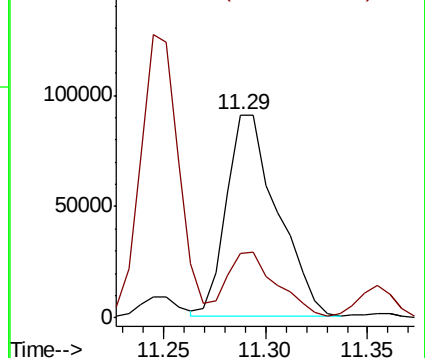
75 100

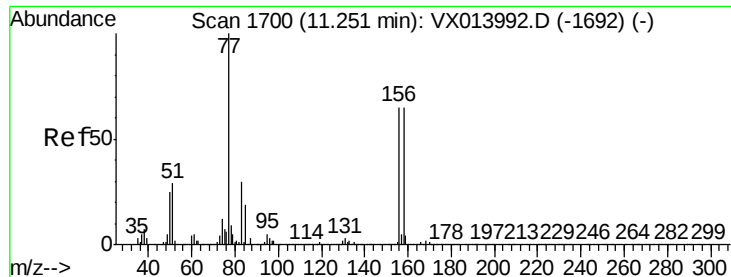
77 32.1 0.0 68.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.593 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

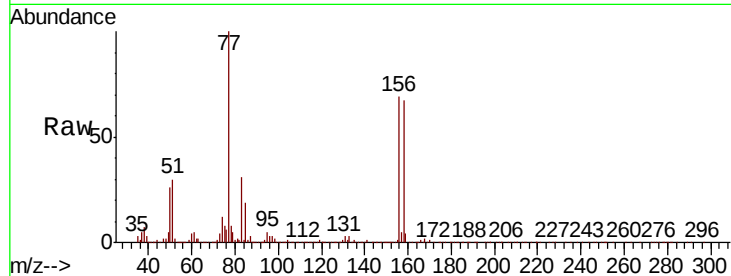
Tot Ion:156 Resp: 109166

Ion Ratio Lower Upper

156 100

77 149.8 0.0 304.6

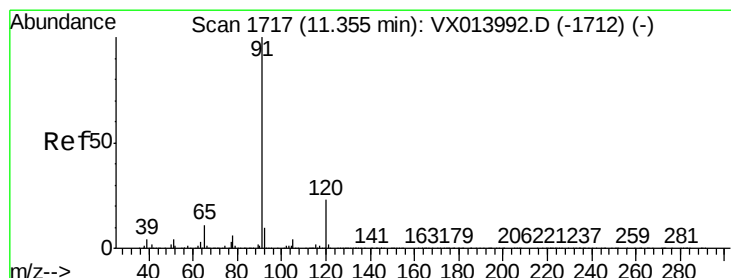
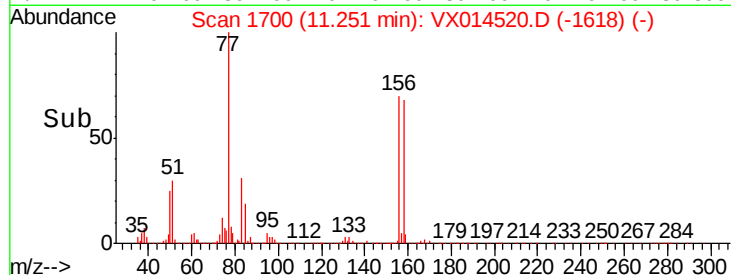
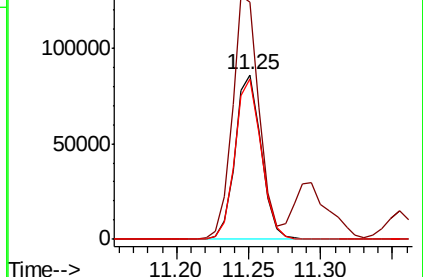
158 98.2 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.939 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014520.D

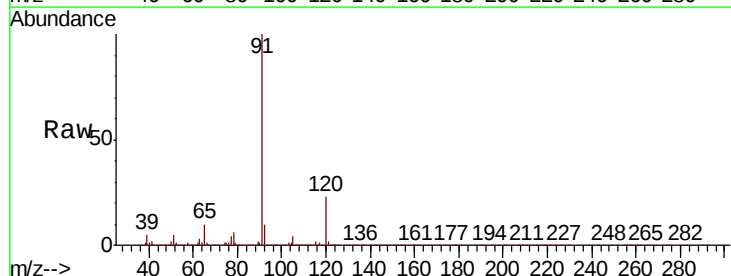
Acq: 10 Jan 2020 00:21

Tgt Ion: 91 Resp: 472468

Ion Ratio Lower Upper

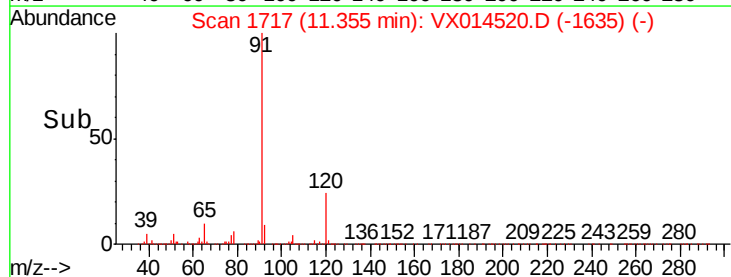
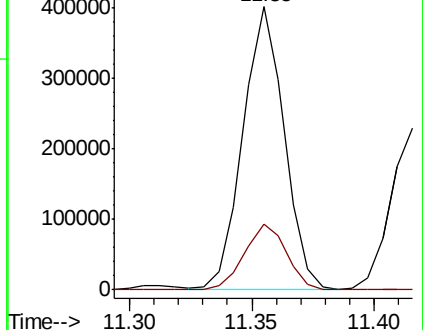
91 100

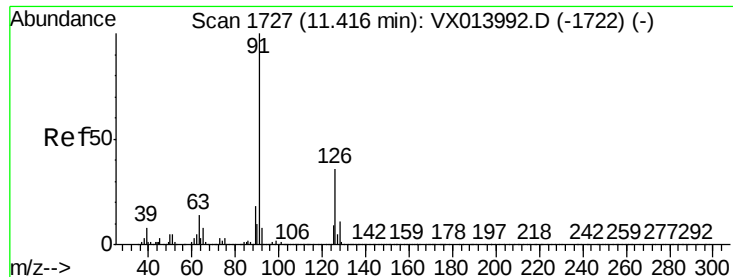
120 23.6 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.981 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

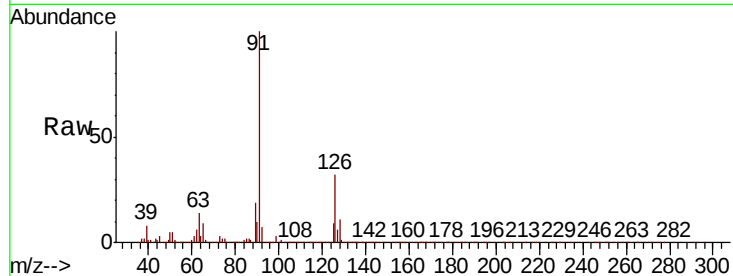
VSTDCCC020EC

Tot Ion: 91 Resp: 286117

Ion Ratio Lower Upper

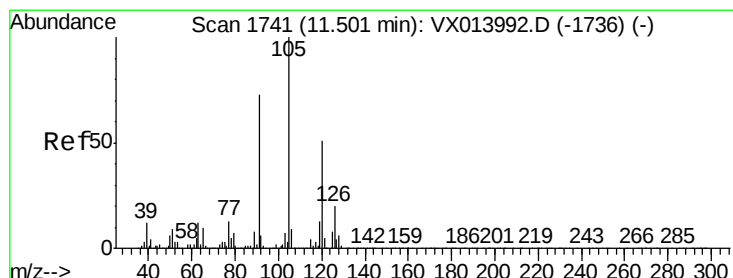
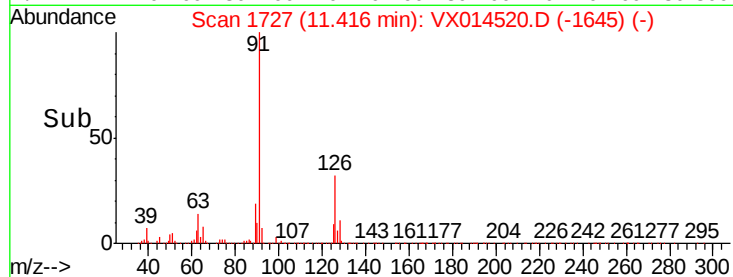
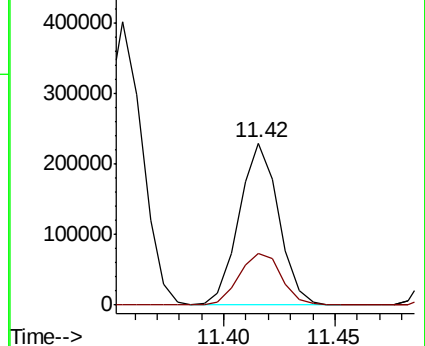
91 100

126 34.1 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.734 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014520.D

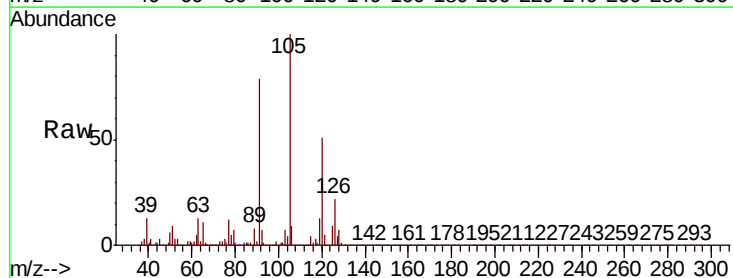
Acq: 10 Jan 2020 00:21

Tgt Ion: 105 Resp: 349545

Ion Ratio Lower Upper

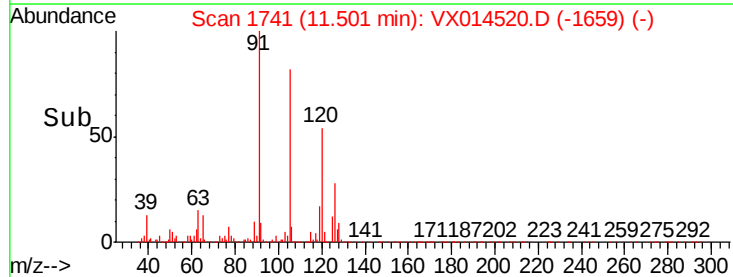
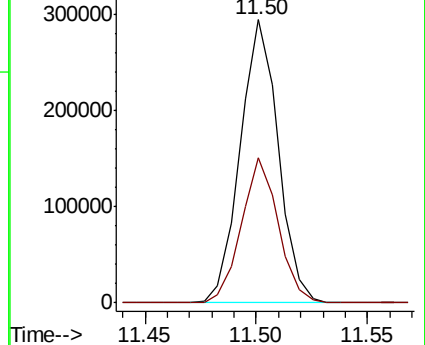
105 100

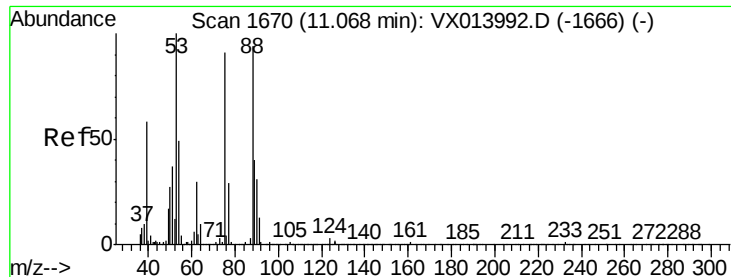
120 49.8 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.076 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

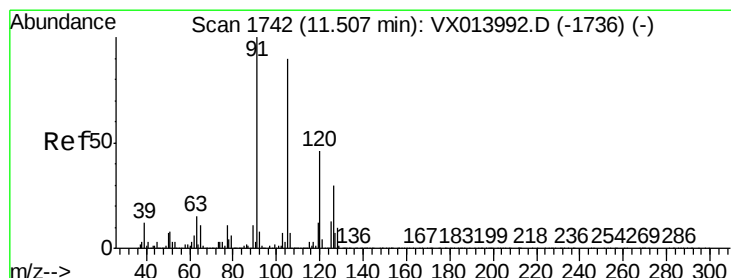
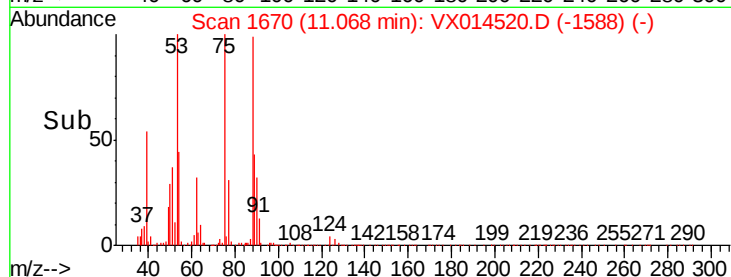
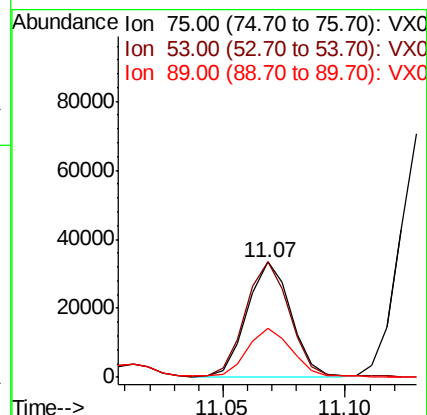
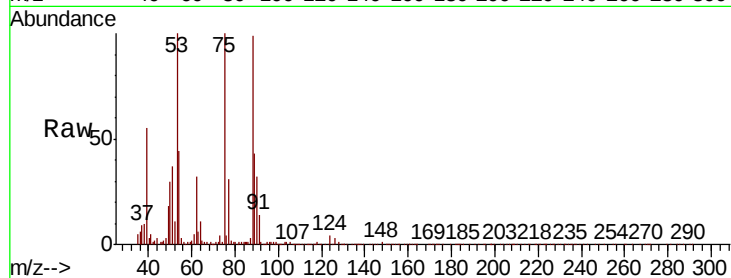
Tot Ion: 75 Resp: 41444

Ion Ratio Lower Upper

75 100

53 99.6 54.4 163.1

89 42.2 21.9 65.5



#78

4-Chlorotoluene

Concen: 18.911 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014520.D

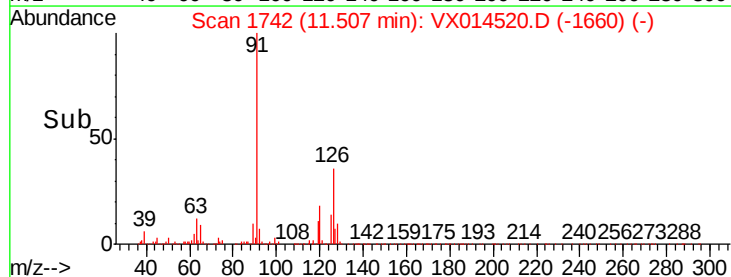
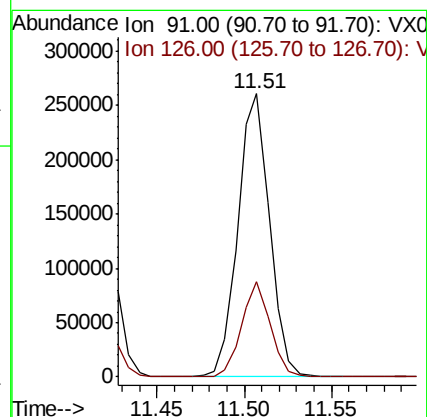
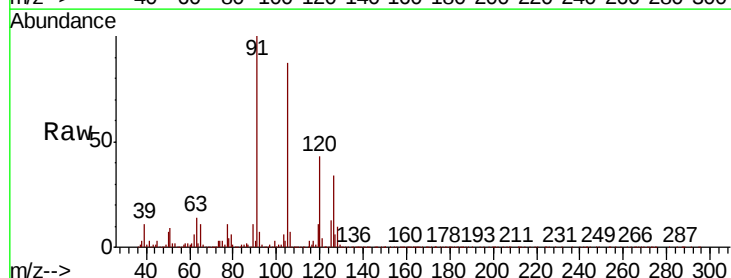
Acq: 10 Jan 2020 00:21

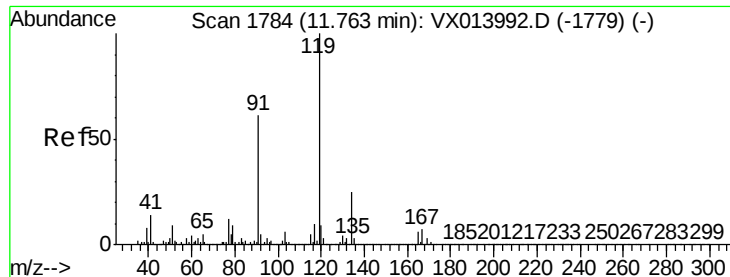
Tgt Ion: 91 Resp: 325733

Ion Ratio Lower Upper

91 100

126 30.6 0.0 59.6





#79

tert-butylbenzene

Concen: 16.420 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

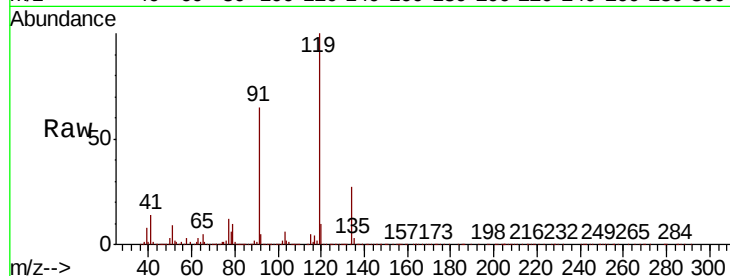
Tot Ion:119 Resp: 295306

Ion Ratio Lower Upper

119 100

91 64.0 0.0 112.6

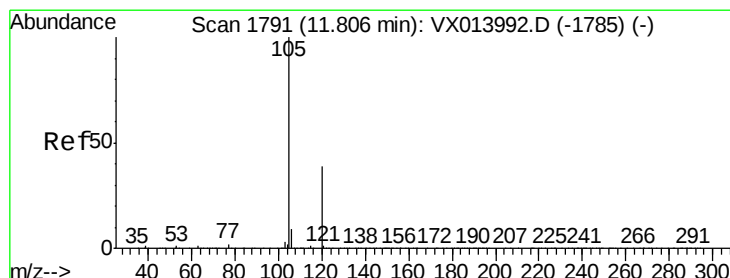
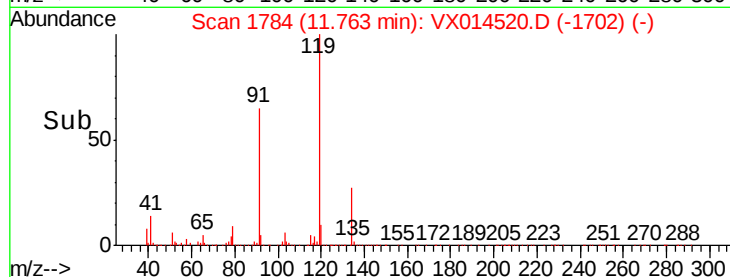
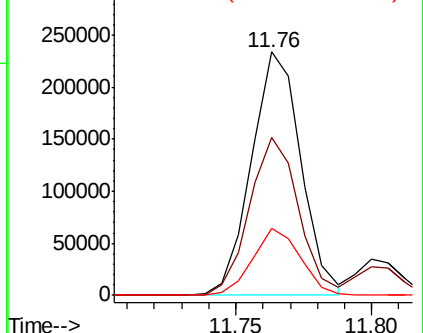
134 26.2 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.436 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014520.D

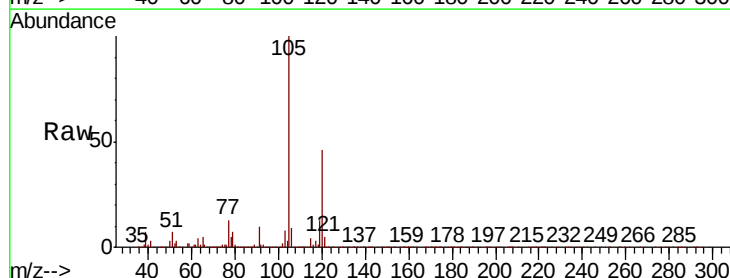
Acq: 10 Jan 2020 00:21

Tgt Ion:105 Resp: 343954

Ion Ratio Lower Upper

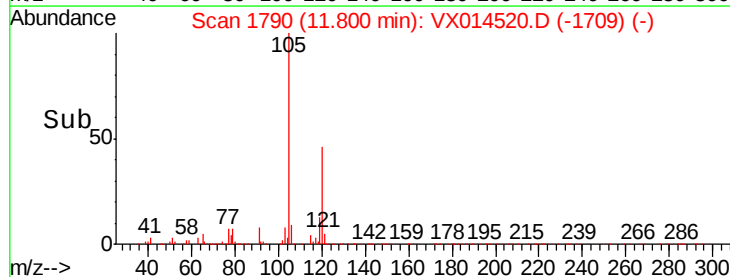
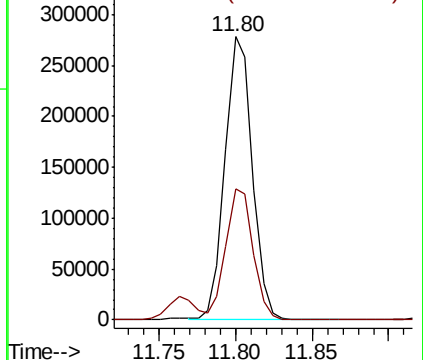
105 100

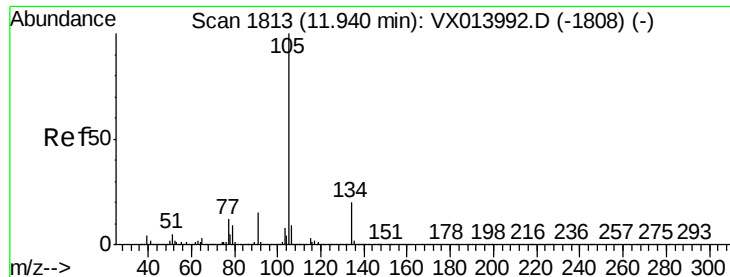
120 45.9 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.682 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

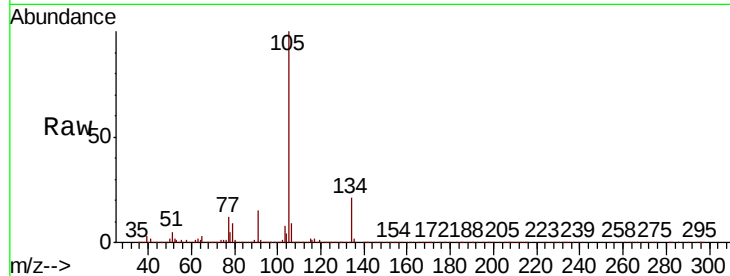
VSTDCCC020EC

Tot Ion:105 Resp: 399633

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

300000

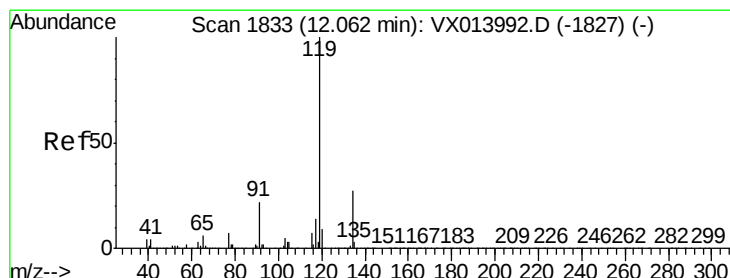
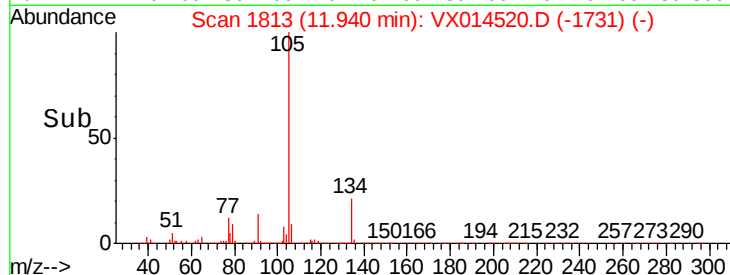
200000

100000

0

Time-->

11.90 11.95



#82

p-Isopropyltoluene

Concen: 18.821 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

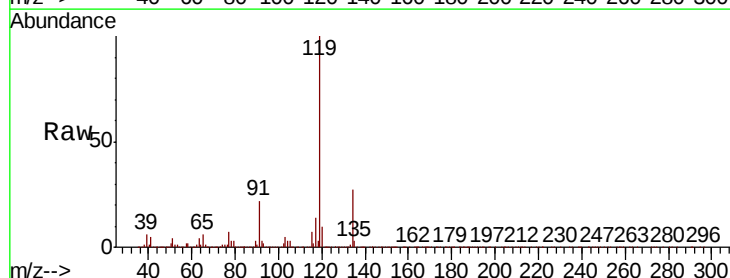
Tgt Ion:119 Resp: 363314

Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.8

91 21.9 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

300000

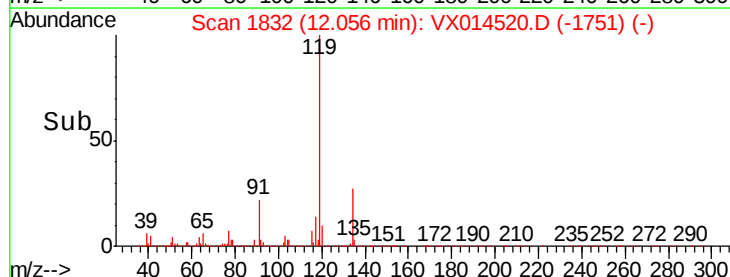
200000

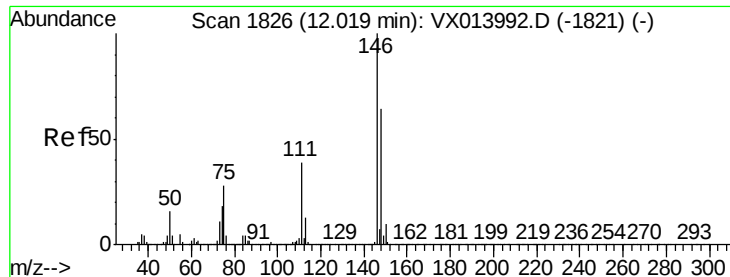
100000

0

Time-->

12.00 12.05 12.10

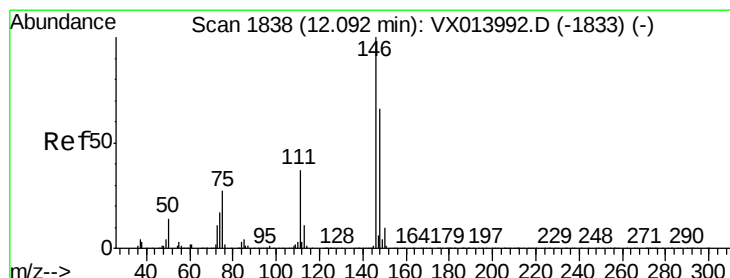
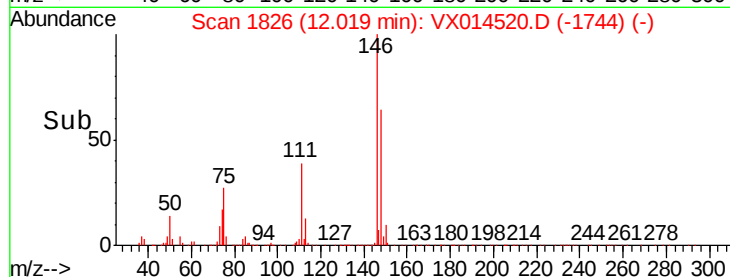
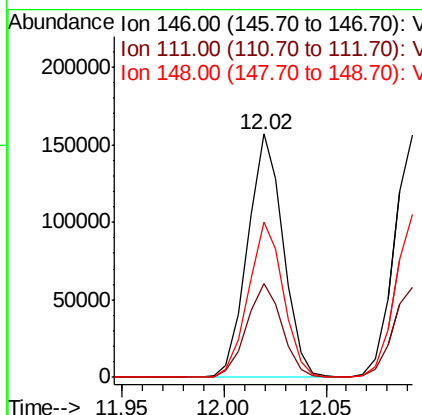
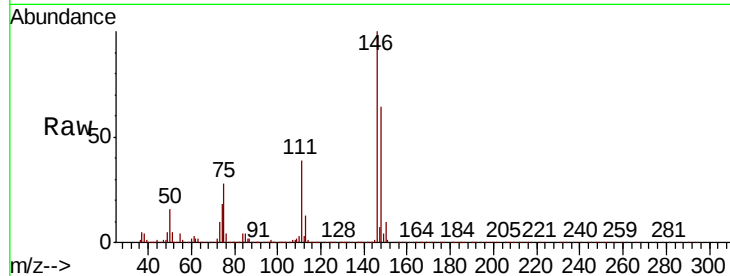




#83
 1,3-Dichlorobenzene
 Concen: 18.567 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

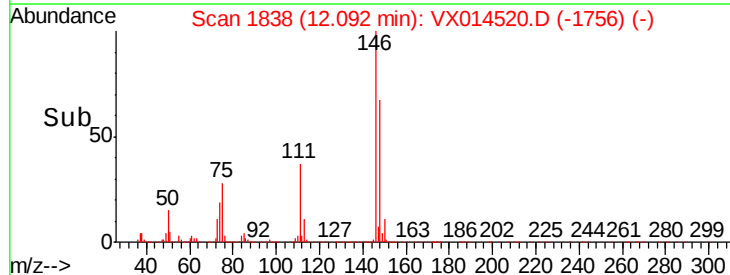
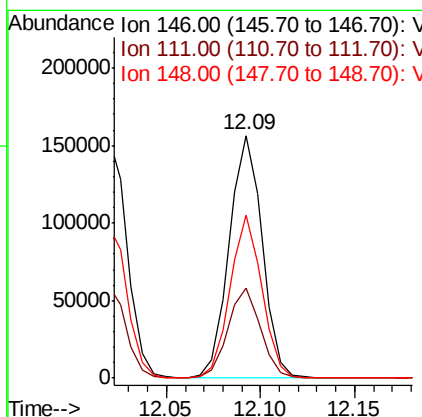
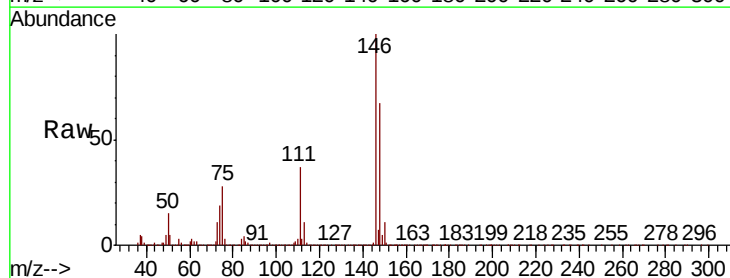
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

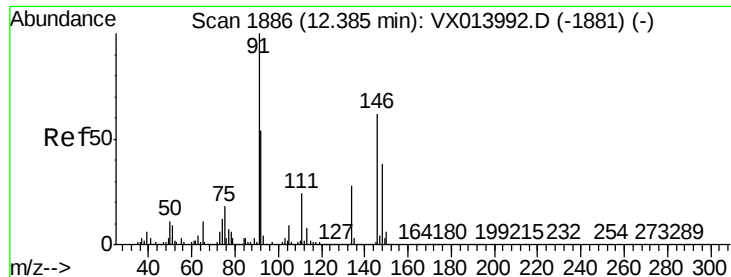
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.9	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.590 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.4
148	64.7	32.0	96.0

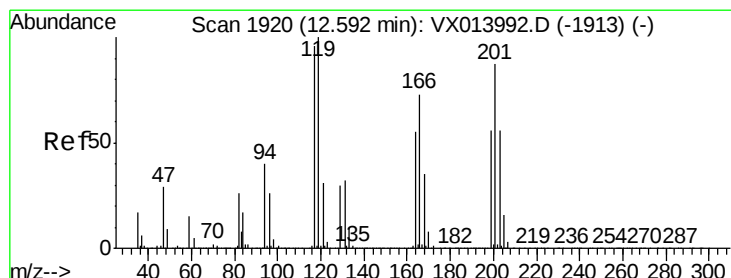
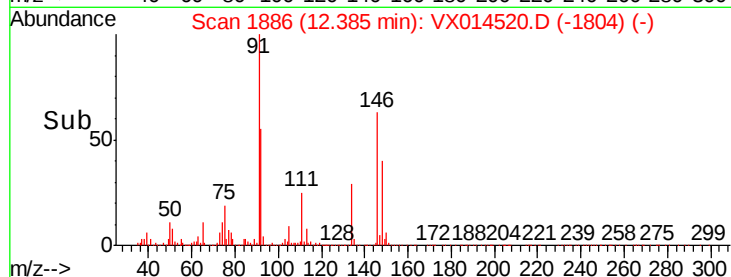
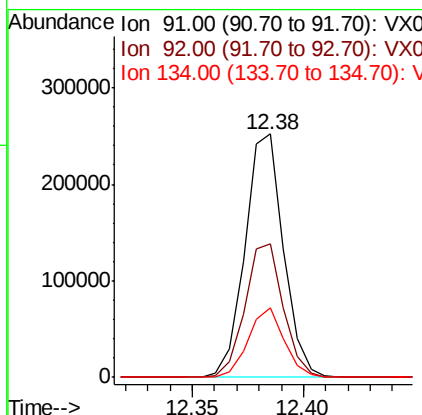
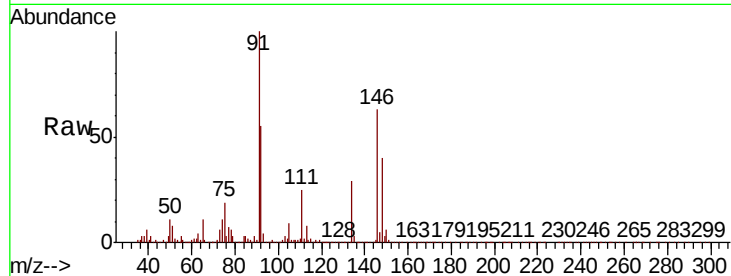




#85
n-Butylbenzene
Concen: 18.735 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

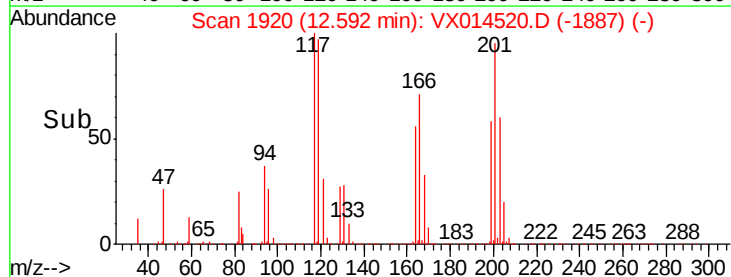
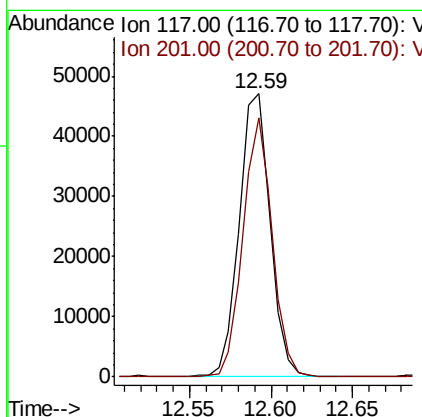
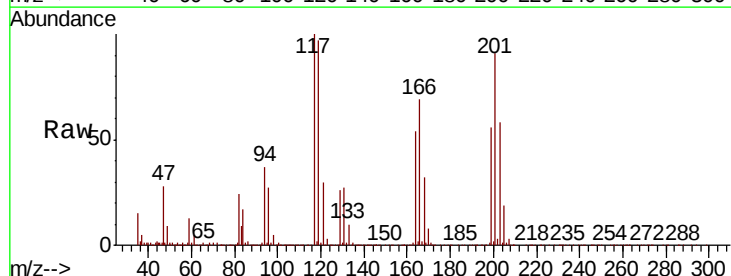
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

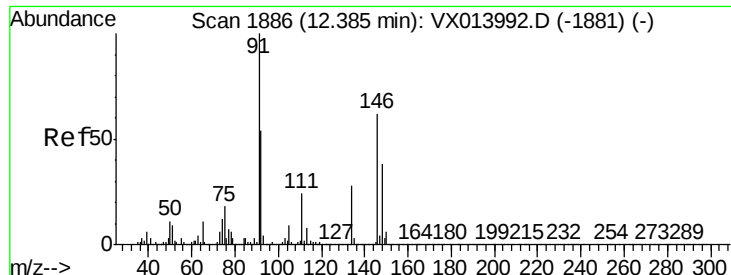
Tot Ion: 91 Resp: 304082
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 26.8 0.0 54.0



#86
Hexachloroethane
Concen: 17.786 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion: 117 Resp: 62284
Ion Ratio Lower Upper
117 100
201 86.8 44.8 134.3

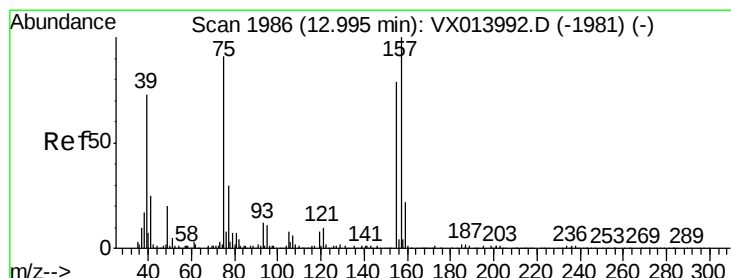
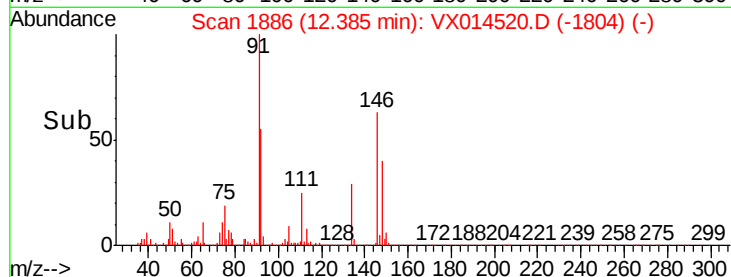
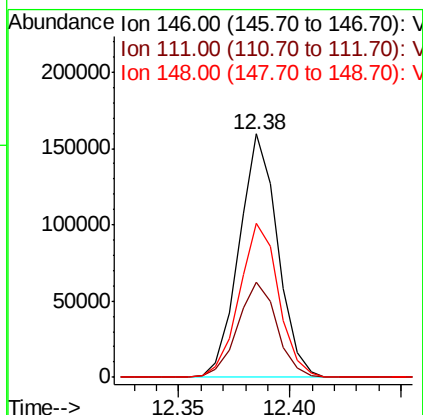
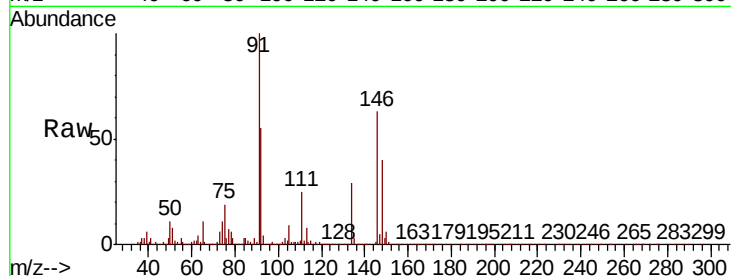




#87
 1,2-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

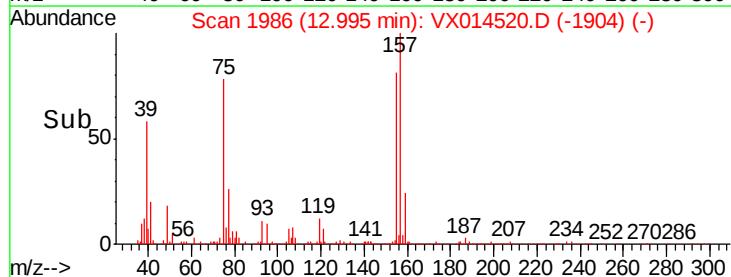
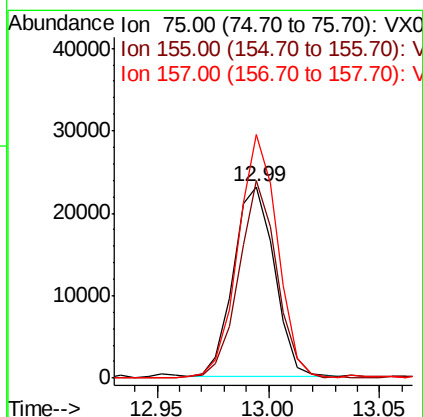
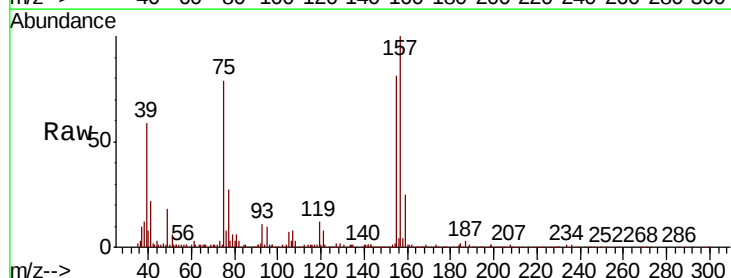
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

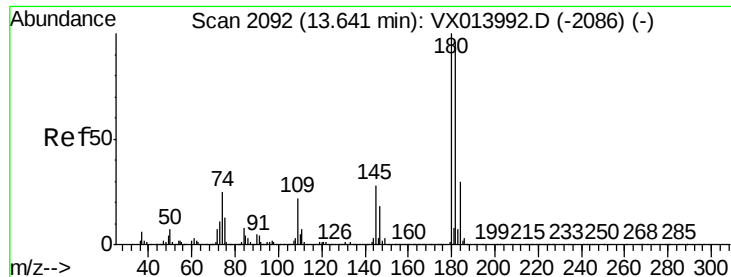
Tot Ion:146 Resp: 192151
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 64.4 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.162 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion: 75 Resp: 29790
 Ion Ratio Lower Upper
 75 100
 155 94.8 73.8 110.6
 157 122.8 95.0 142.4

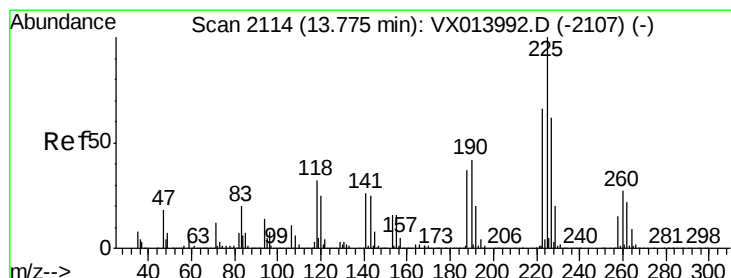
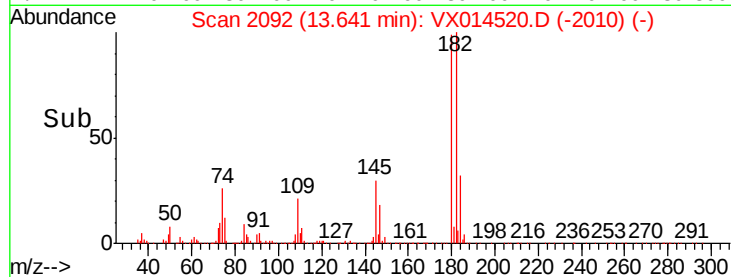
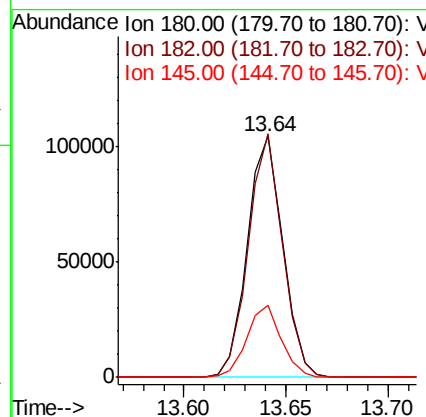
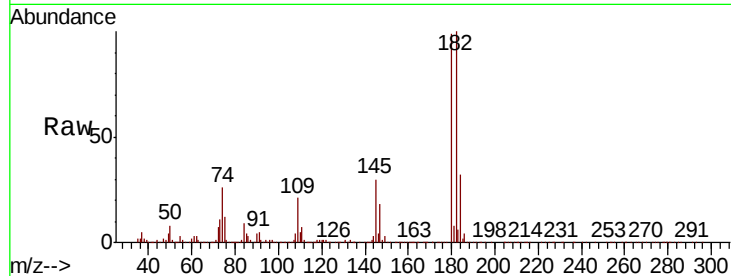




#89
 1,2,4-Trichlorobenzene
 Concen: 19.159 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

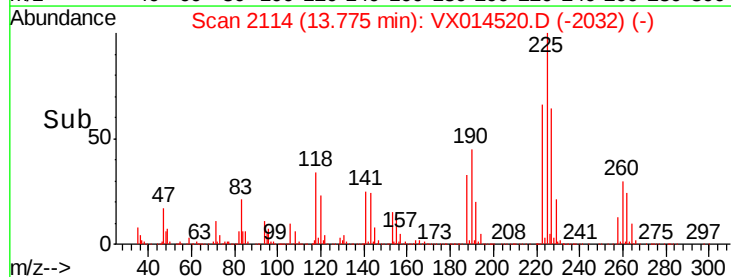
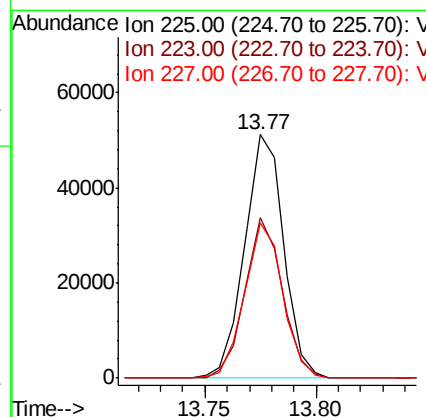
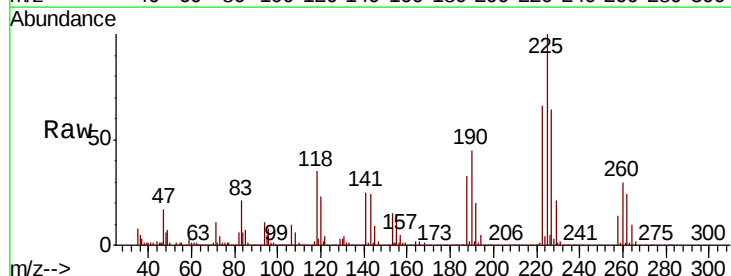
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

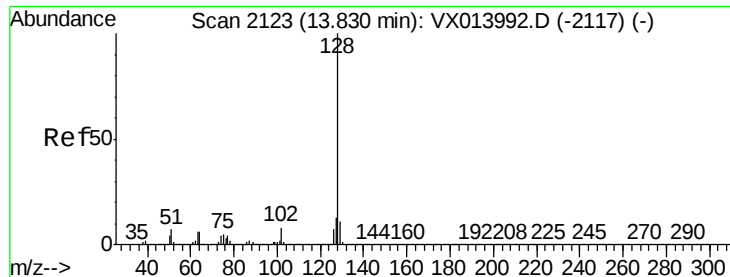
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	28.9	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 19.923 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	127.4
227	62.1	0.0	122.8

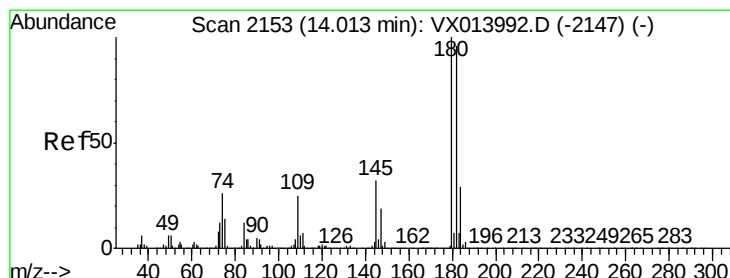
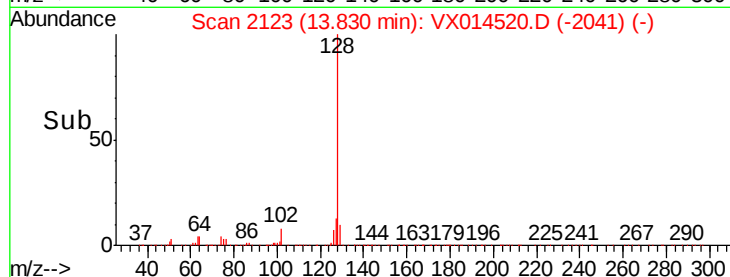
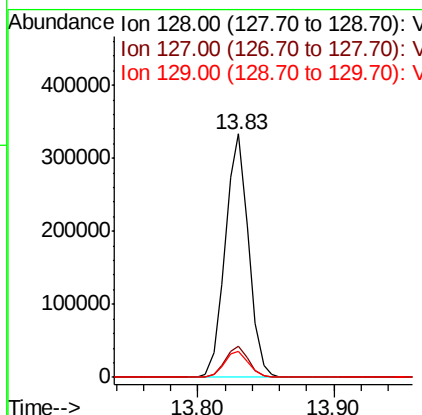
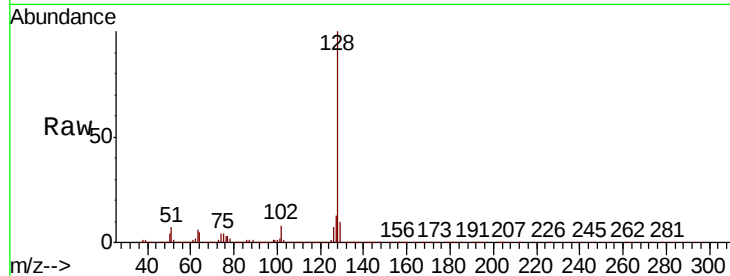




#91
Naphthalene
Concen: 19.786 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.2	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.785 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	192.8
145	30.7	0.0	60.0

