

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014712.D
 Acq On : 24 Jan 2020 21:12
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jan 24 22:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	73245	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	400091	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	362689	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155666	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.13	95	173264	29.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.50%
63) Toluene-d8	8.71	98	492040	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	99460	19.649	ug/l 100
3) Chloromethane	1.32	50	108549	19.587	ug/l 96
4) Vinyl Chloride	1.40	62	121948	19.597	ug/l 99
5) Bromomethane	1.64	94	77126	19.862	ug/l 97
6) Chloroethane	1.72	64	70157	20.000	ug/l 97
7) Trichlorofluoromethane	1.92	101	134642	19.541	ug/l 96
8) Diethyl Ether	2.18	74	61447	20.417	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78764	19.539	ug/l 98
10) 1,1-Dichloroethene	2.37	96	79742	19.667	ug/l 95
11) Methyl Iodide	2.50	142	107585	19.785	ug/l 97
12) Methyl Acetate	2.76	43	153922	21.014	ug/l 98
13) Acrolein	2.28	56	76218	99.066	ug/l 98
14) Acrylonitrile	3.13	53	251062	100.172	ug/l 99
15) Acetone	2.43	58	84098	100.090	ug/l 89
16) Carbon Disulfide	2.56	76	209608	18.823	ug/l 97
17) Allyl chloride	2.72	41	144071	19.199	ug/l 90
18) Methylene Chloride	2.85	84	95453	20.115	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	84003	19.245	ug/l 91
20) Diisopropyl ether	3.84	45	294931	19.865	ug/l 99
21) 1,1-Dichloroethane	3.69	63	161872	20.069	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	98726	19.683	ug/l 98
23) tert-Butyl Alcohol	3.03	59	103483	99.838	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	271469	20.118	ug/l 99
25) Chloroform	5.20	83	154555	19.782	ug/l 97
26) Cyclohexane	5.58	56	141471	19.016	ug/l 100
29) 1,1-Dichloropropene	5.79	75	113120	19.278	ug/l 99
30) 2-Butanone	4.65	43	368087	99.030	ug/l 100
31) 2,2-Dichloropropane	4.58	77	112953	17.991	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	131199	20.211	ug/l 99
33) Carbon Tetrachloride	5.78	117	108835	19.529	ug/l 97
34) Benzene	6.14	78	362008	19.966	ug/l 98
35) Methacrylonitrile	5.03	41	72874	19.631	ug/l 99
36) 1,2-Dichloroethane	6.18	62	128127	20.306	ug/l 99
37) Trichloroethene	7.21	130	104245	20.998	ug/l 96
38) Methylcyclohexane	7.46	83	136294	18.656	ug/l 100
39) 1,2-Dichloropropane	7.51	63	92586	19.637	ug/l 95
40) Dibromomethane	7.65	93	62264	20.548	ug/l 98

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Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jan 24 22:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	117190	19.750	ug/l	99
42) Vinyl Acetate	3.81	43	862337	75.271	ug/l	98
43) Ethyl Acetate	4.82	43	129618	19.264	ug/l	99
44) Isopropyl Acetate	6.43	43	211109	19.449	ug/l	99
45) 1,4-Dioxane	7.73	88	46279	426.226	ug/l	98
46) Methyl methacrylate	7.76	41	103648	19.417	ug/l	96
47) n-amyl Acetate	10.89	43	182599	20.077	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	125358	19.350	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	141389	19.369	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	93348	20.246	ug/l	97
51) Ethyl methacrylate	9.17	69	137674	19.177	ug/l	98
52) 1,3-Dichloropropane	9.37	76	158714	20.317	ug/l	99
53) Dibromochloromethane	9.58	129	95160	20.177	ug/l	97
54) 1,2-Dibromoethane	9.67	107	96802	20.243	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	319751	96.912	ug/l	99
56) Bromoform	10.85	173	68353	18.816	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	692895	101.448	ug/l	99
59) 2-Hexanone	9.48	43	535254	101.331	ug/l	99
61) Tetrachloroethene	9.33	164	142145	26.516	ug/l	96
62) Toluene	8.78	91	387474	20.136	ug/l	98
64) Chlorobenzene	10.14	112	243112	20.239	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	89439	20.160	ug/l	100
66) Ethyl Benzene	10.25	91	420692	20.072	ug/l	99
67) m/p-Xylenes	10.35	106	323490	40.294	ug/l	99
68) o-Xylene	10.70	106	156013	19.957	ug/l	100
69) Styrene	10.71	104	263090	19.862	ug/l	99
70) Isopropylbenzene	11.01	105	410730	20.055	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	125541	18.197	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	154473	26.177	ug/l	93
73) Bromobenzene	11.25	156	108488	19.983	ug/l	99
74) n-propylbenzene	11.35	91	465352	19.884	ug/l	99
75) 2-Chlorotoluene	11.42	91	279797	19.949	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	339802	19.911	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	40938	18.025	ug/l	94
78) 4-Chlorotoluene	11.51	91	316141	19.847	ug/l	99
79) tert-butylbenzene	11.76	119	287192	17.985	ug/l	92
80) 1,2,4-Trimethylbenzene	11.80	105	337853	19.849	ug/l	99
81) sec-Butylbenzene	11.94	105	389406	19.708	ug/l	100
82) p-Isopropyltoluene	12.06	119	350922	19.454	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	188444	19.879	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	189472	20.160	ug/l	100
85) n-Butylbenzene	12.39	91	293407	18.590	ug/l	100
86) Hexachloroethane	12.59	117	62037	19.179	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	191118	19.981	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28933	19.633	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	122773	19.446	ug/l	99
90) Hexachlorobutadiene	13.78	225	61220	19.406	ug/l	98
91) Naphthalene	13.83	128	374445	19.648	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	126743	19.723	ug/l	100

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Instrument :
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ClientSampleId :
VSTDCCC020EC

Quant Time: Jan 24 22:27:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
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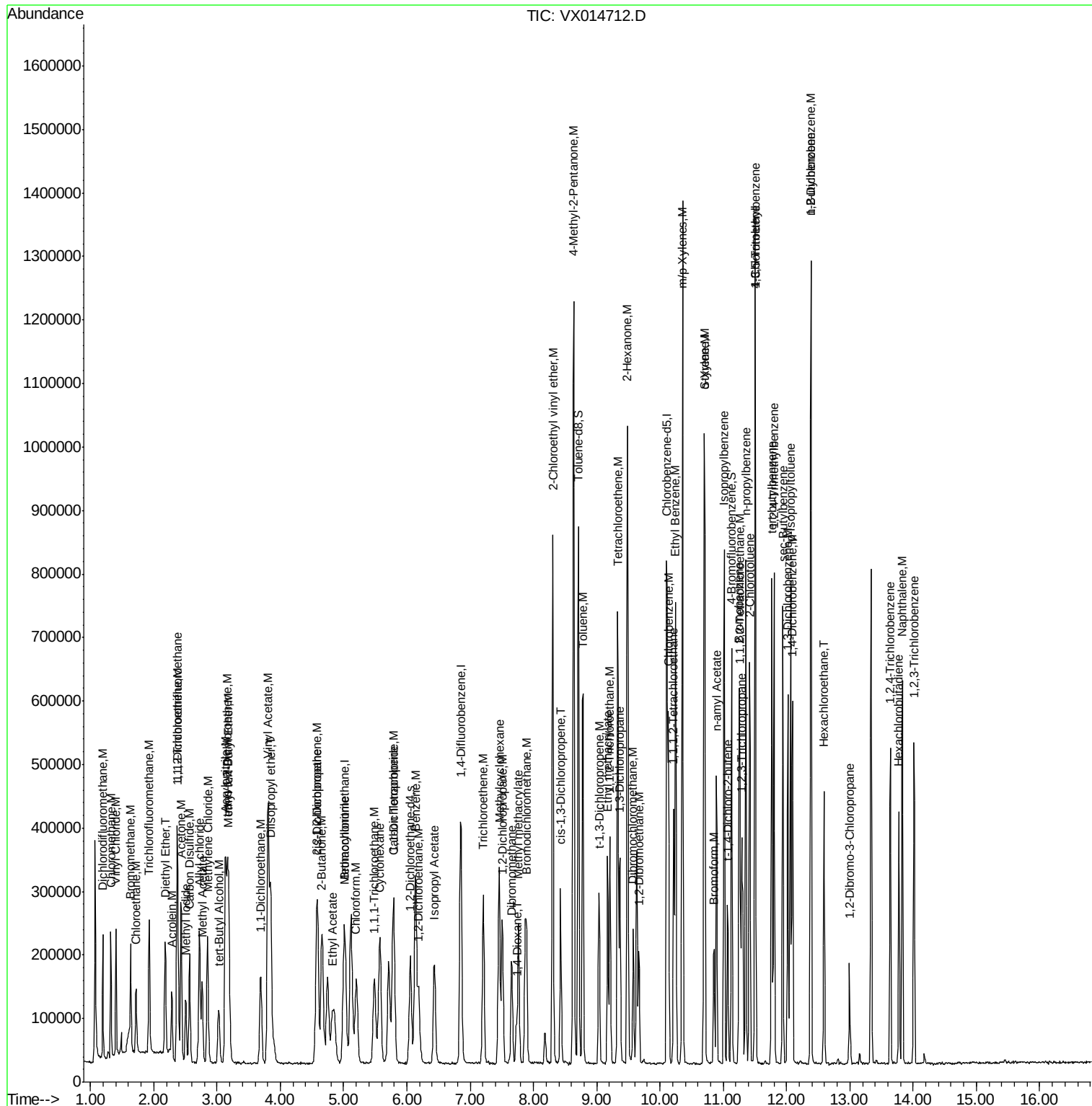
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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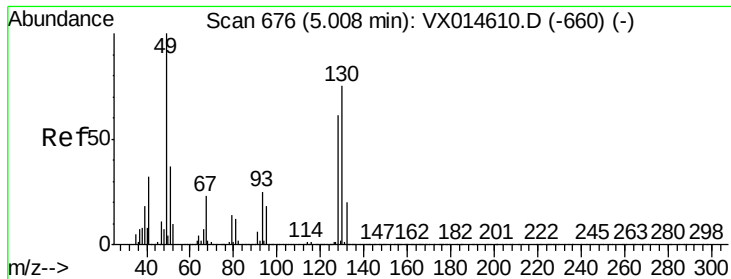
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014712.D
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Operator : JC/SP
Sample : VSTDCCC020
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Jan 24 22:27:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

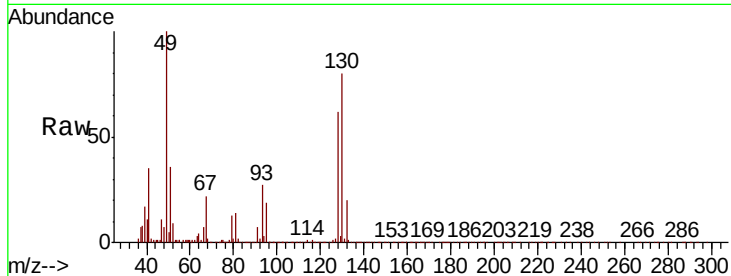
Tot Ion:128 Resp: 73245

Ion Ratio Lower Upper

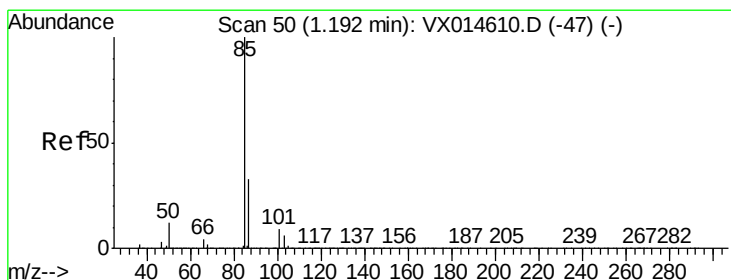
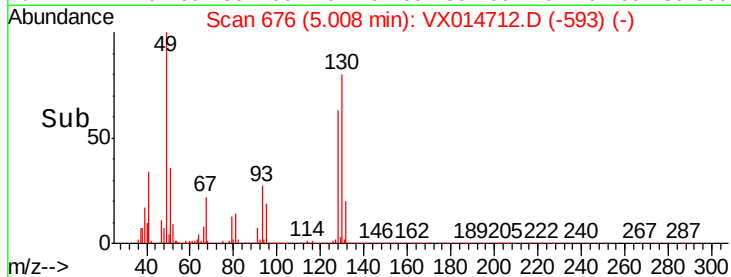
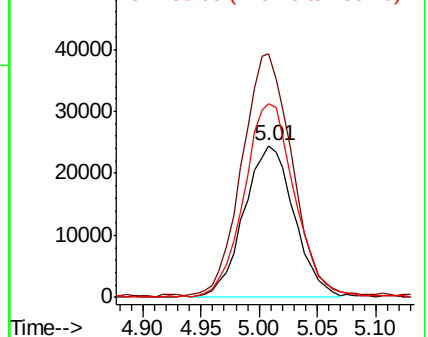
128 100

49 158.7 0.0 405.0

130 128.6 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: 19.649 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014712.D

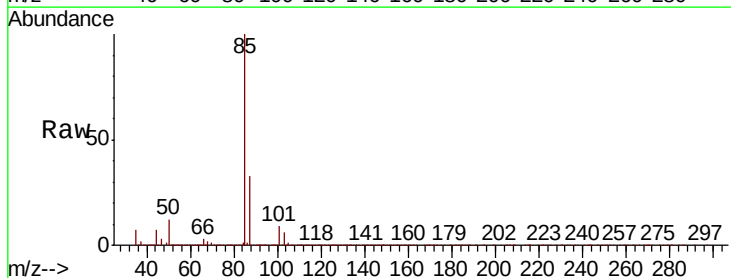
Acq: 24 Jan 2020 21:12

Tgt Ion: 85 Resp: 99460

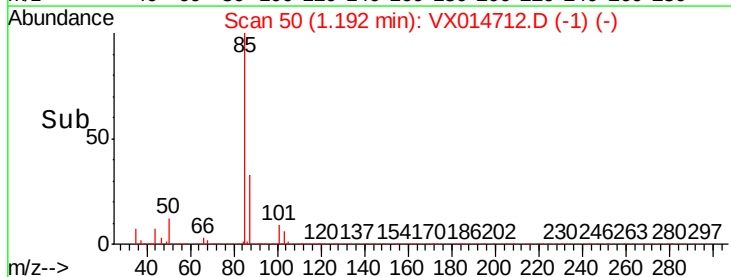
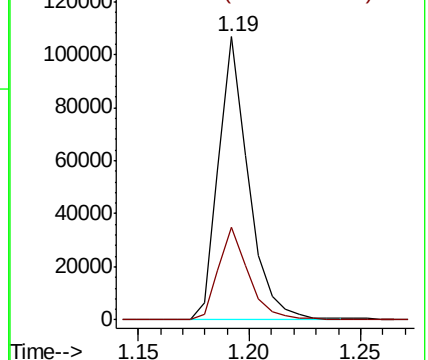
Ion Ratio Lower Upper

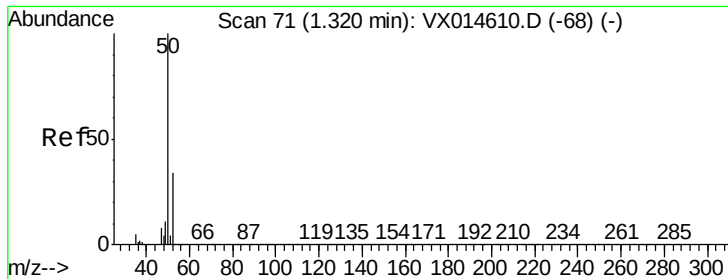
85 100

87 32.7 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: 19.587 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

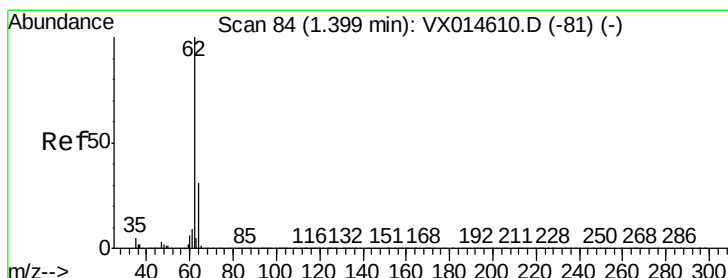
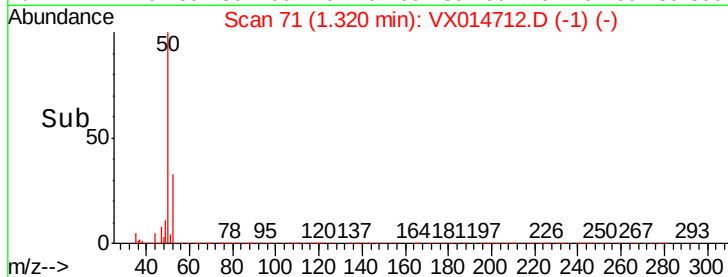
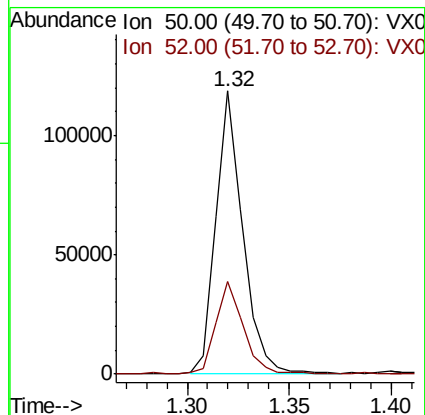
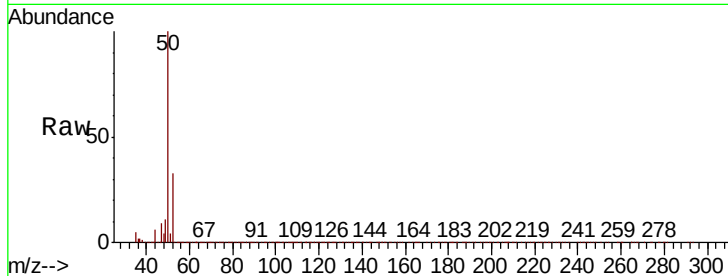
VSTDCCC020EC

Tot Ion: 50 Resp: 108549

Ion Ratio Lower Upper

50 100

52 32.7 24.3 36.5



#4

Vinyl Chloride

Concen: 19.597 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014712.D

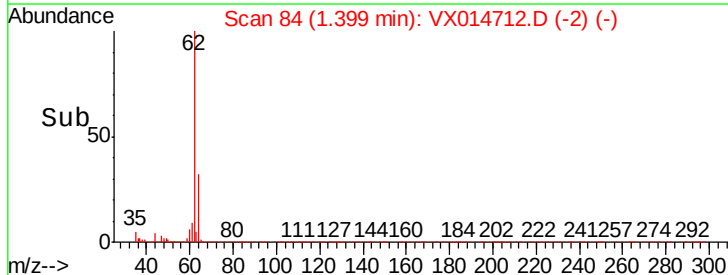
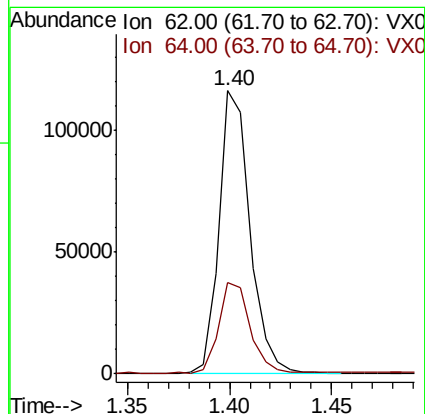
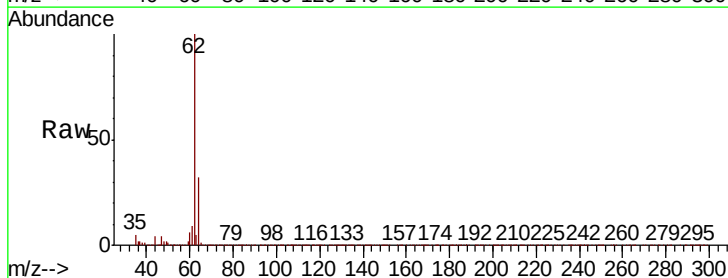
Acq: 24 Jan 2020 21:12

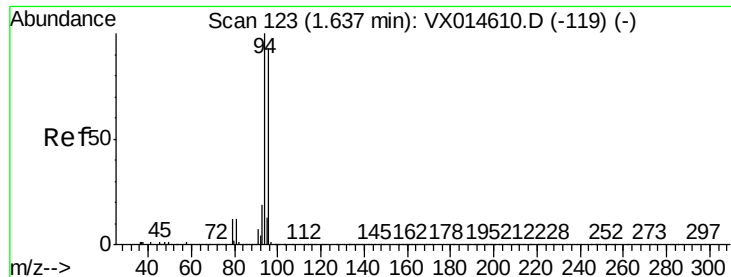
Tgt Ion: 62 Resp: 121948

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 19.862 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

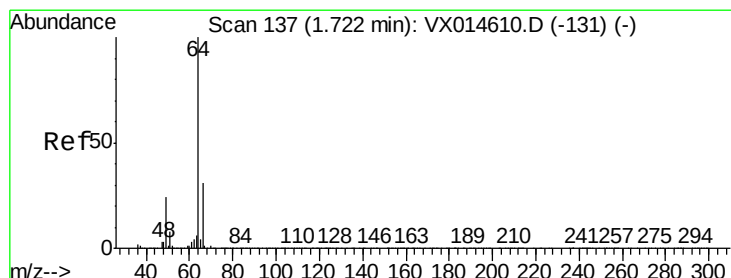
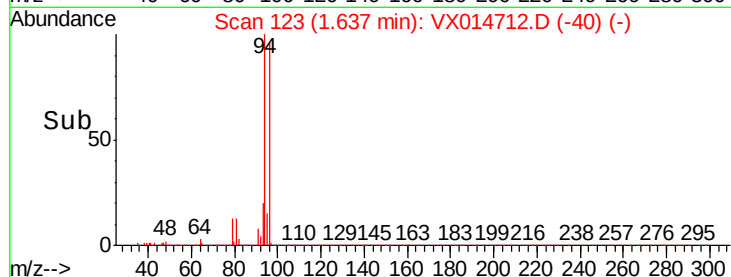
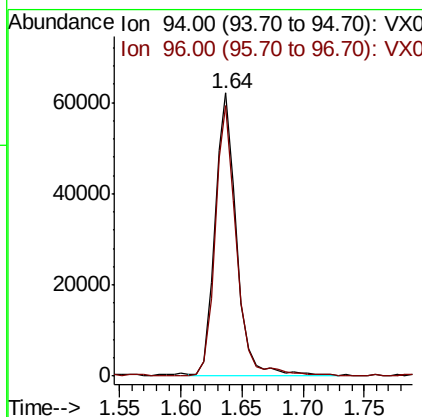
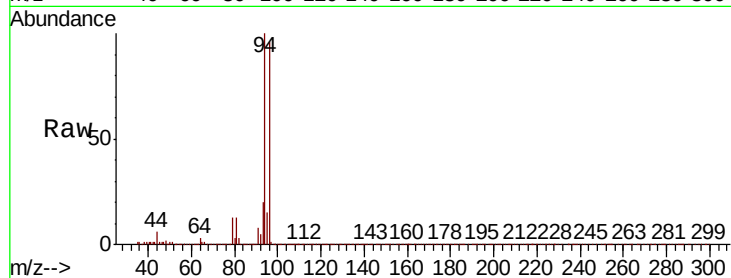
VSTDCCC020EC

Tot Ion: 94 Resp: 77126

Ion Ratio Lower Upper

94 100

96 95.5 74.4 111.6



#6

Chloroethane

Concen: 20.000 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014712.D

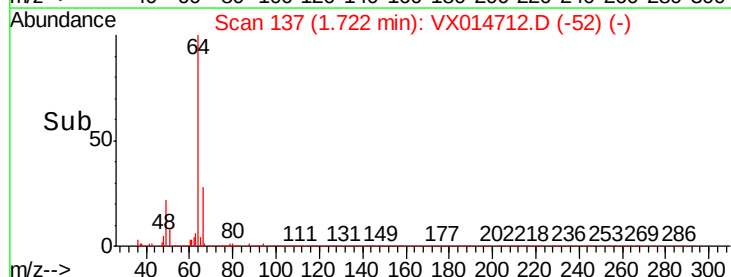
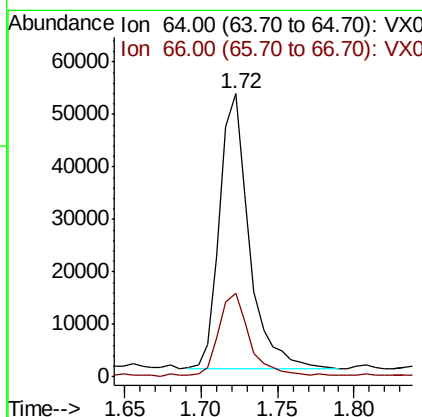
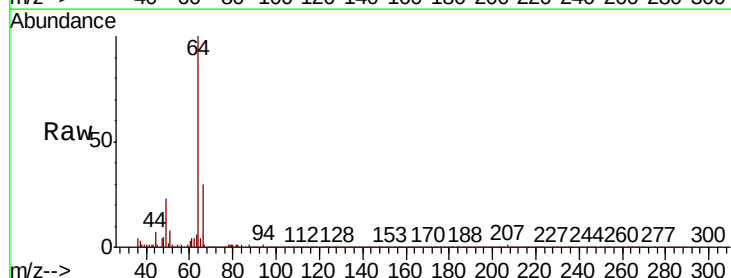
Acq: 24 Jan 2020 21:12

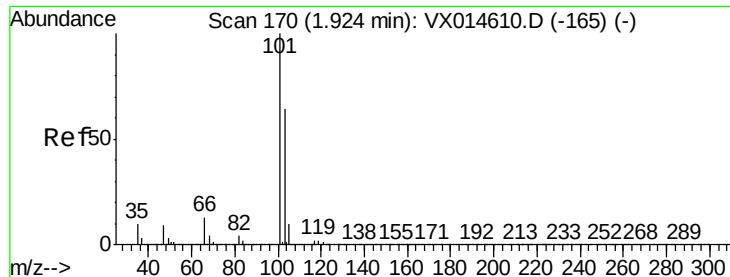
Tgt Ion: 64 Resp: 70157

Ion Ratio Lower Upper

64 100

66 29.9 25.2 37.8



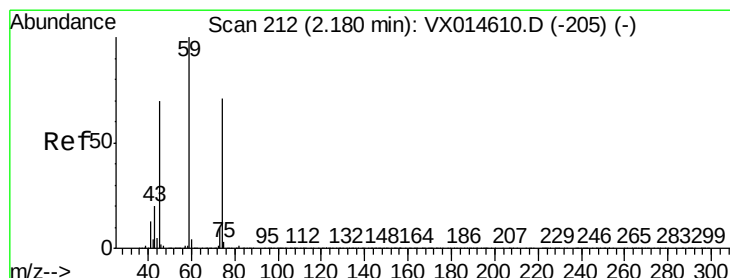
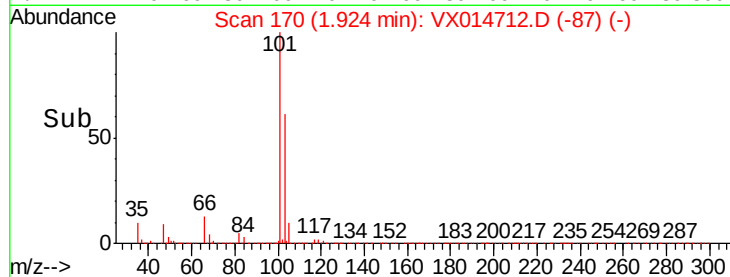
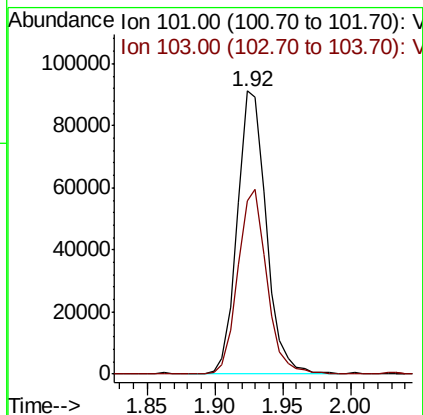
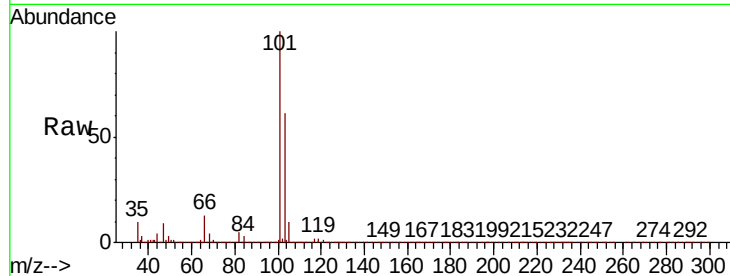


#7

Trichlorofluoromethane
Concen: 19.541 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

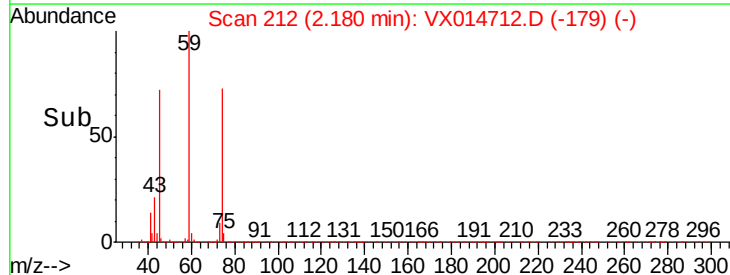
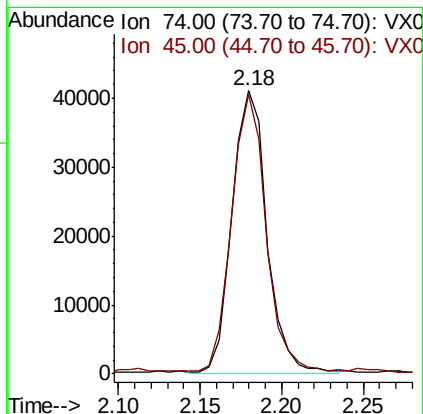
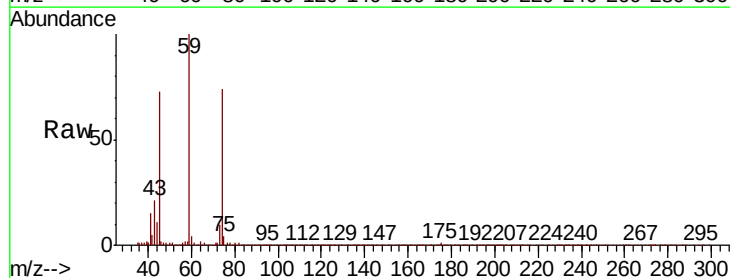
Tot Ion:101 Resp: 134642
Ion Ratio Lower Upper
101 100
103 61.1 51.6 77.4

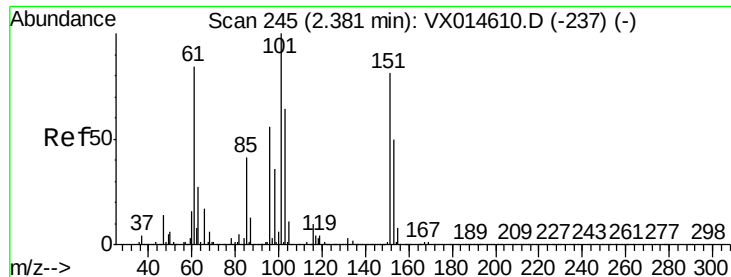


#8

Diethyl Ether
Concen: 20.417 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 74 Resp: 61447
Ion Ratio Lower Upper
74 100
45 96.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.539 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

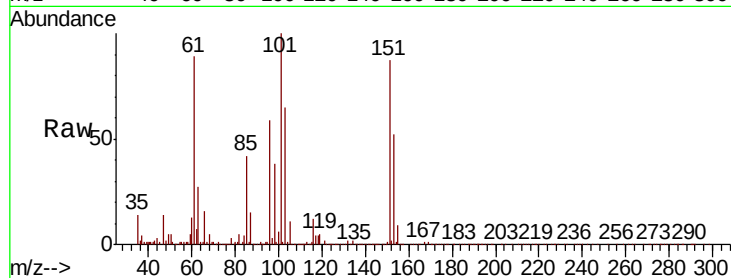
Tot Ion:101 Resp: 78764

Ion Ratio Lower Upper

101 100

85 42.0 0.0 85.6

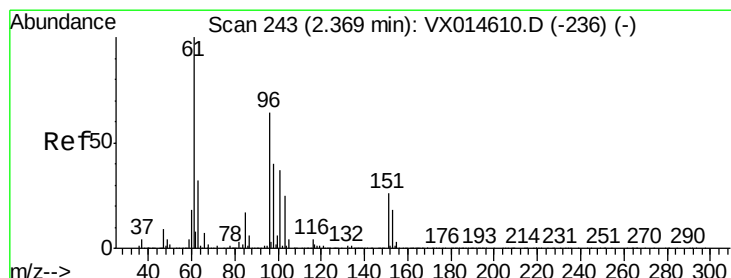
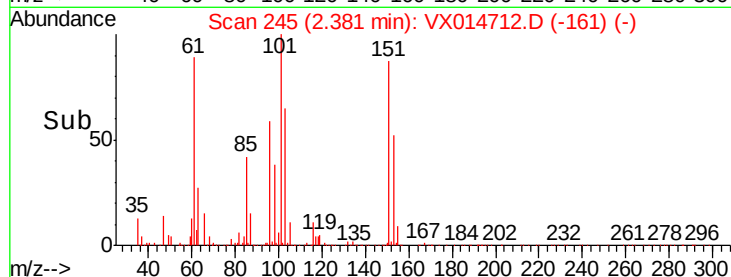
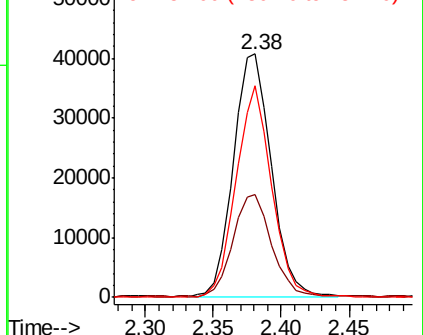
151 82.2 0.0 159.4



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: 19.667 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

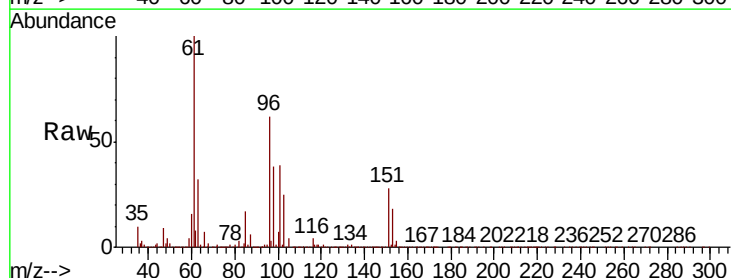
Tgt Ion: 96 Resp: 79742

Ion Ratio Lower Upper

96 100

61 161.9 123.0 184.6

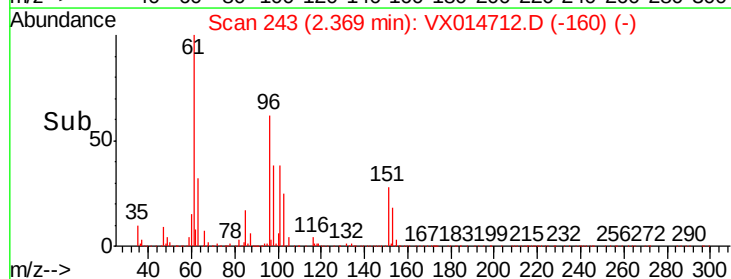
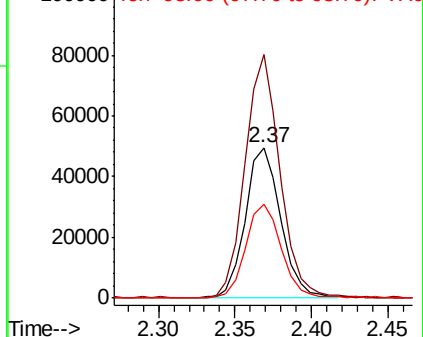
98 61.7 51.4 77.0

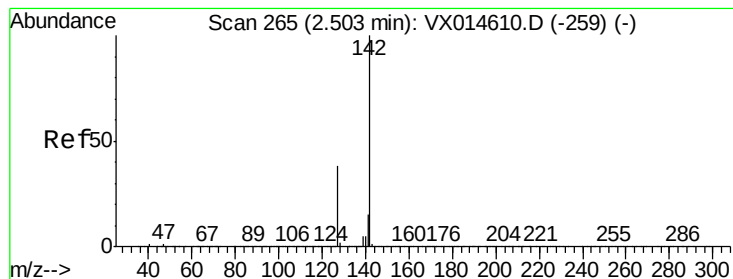


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 19.785 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

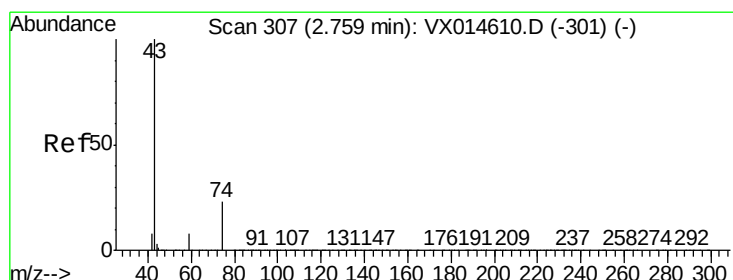
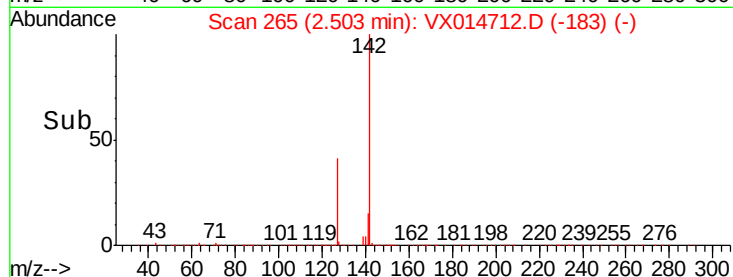
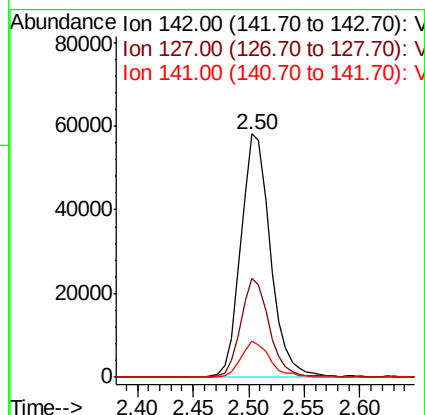
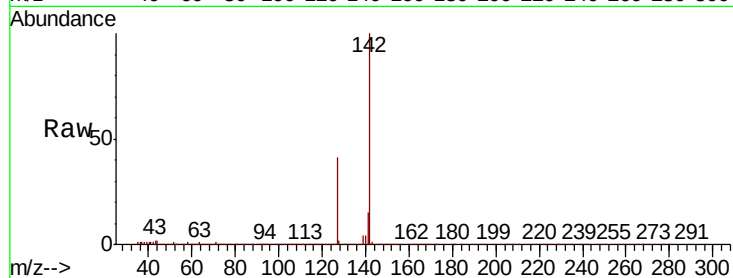
Tot Ion:142 Resp: 107585

Ion Ratio Lower Upper

142 100

127 40.6 19.5 58.5

141 15.0 7.0 20.9



#12

Methyl Acetate

Concen: 21.014 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014712.D

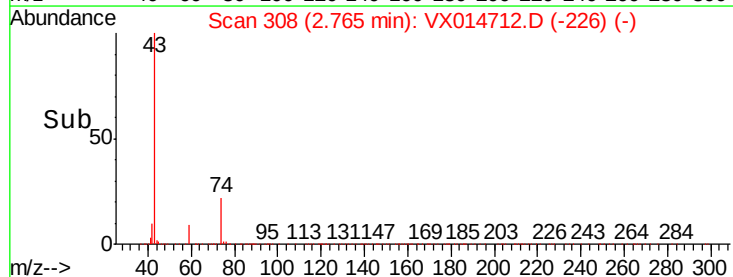
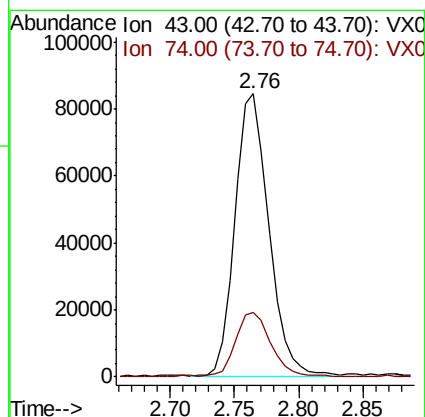
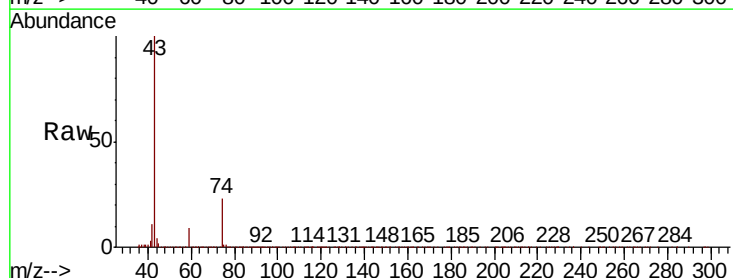
Acq: 24 Jan 2020 21:12

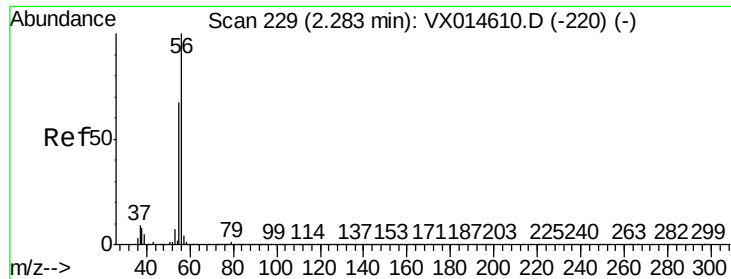
Tgt Ion: 43 Resp: 153922

Ion Ratio Lower Upper

43 100

74 22.3 18.5 27.7





#13

Acrolein

Concen: 99.066 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

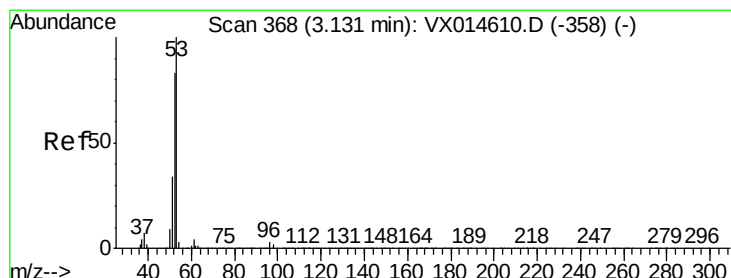
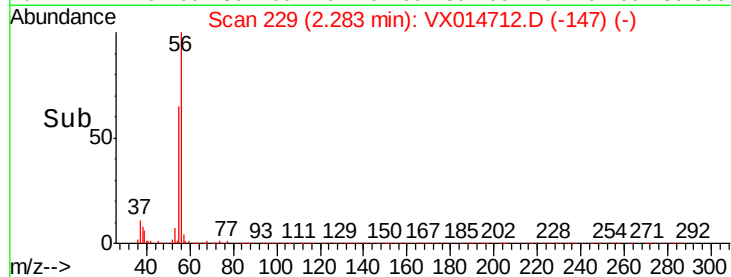
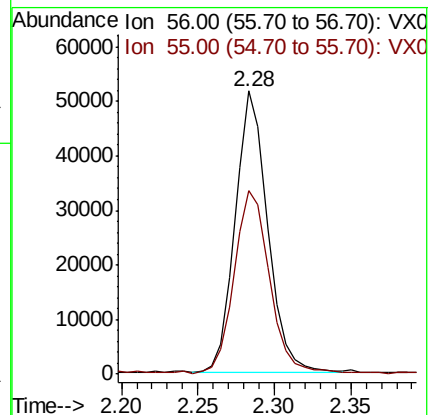
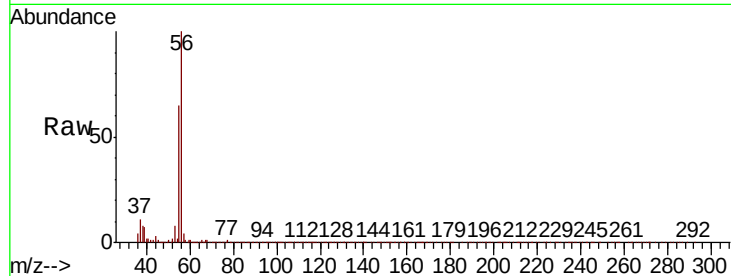
VSTDCCC020EC

Tot Ion: 56 Resp: 76218

Ion Ratio Lower Upper

56 100

55 70.2 54.9 82.3



#14

Acrylonitrile

Concen: 100.172 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

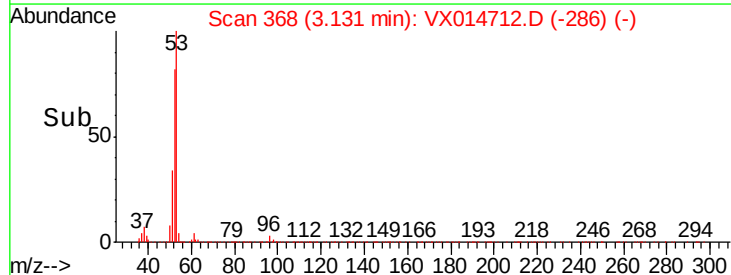
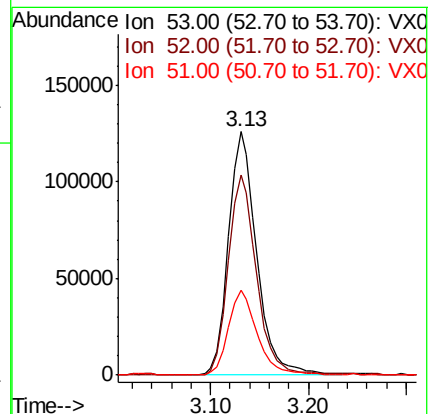
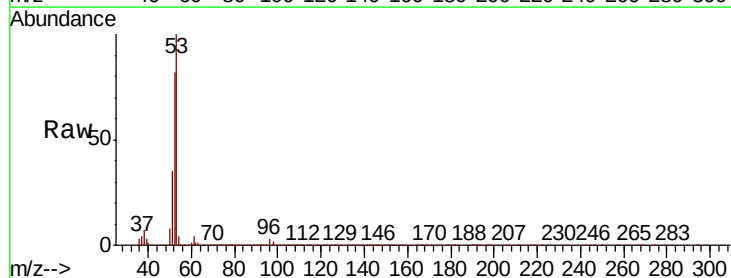
Tgt Ion: 53 Resp: 251062

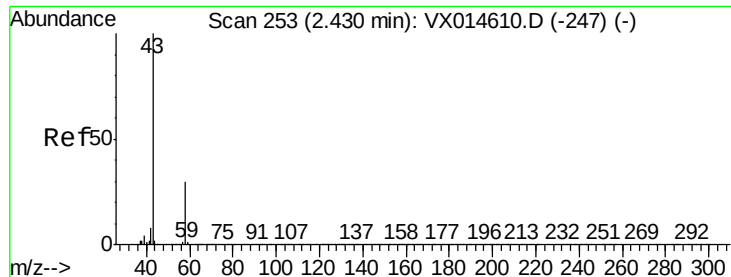
Ion Ratio Lower Upper

53 100

52 81.7 41.5 124.6

51 35.5 17.8 53.5





#15

Acetone

Concen: 100.090 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

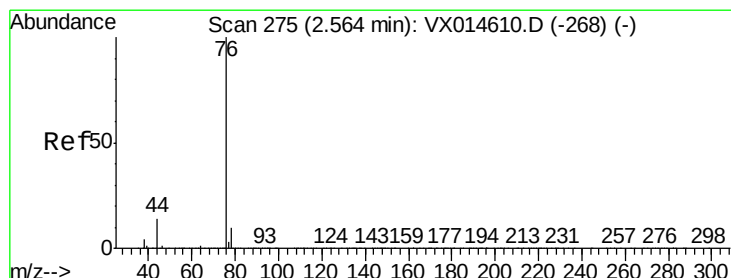
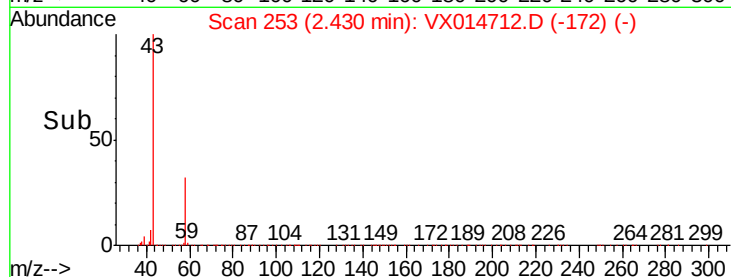
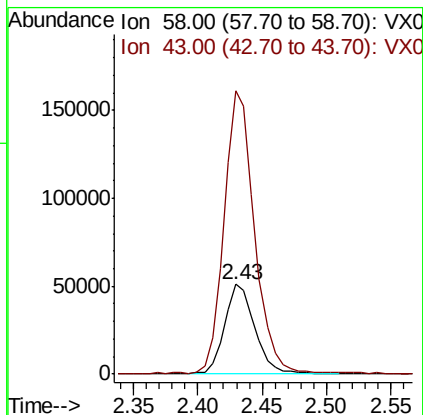
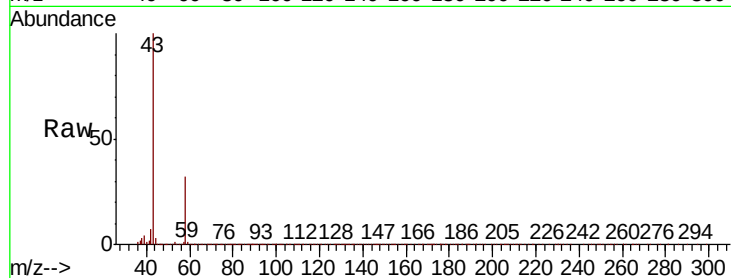
VSTDCCC020EC

Tot Ion: 58 Resp: 84098

Ion Ratio Lower Upper

58 100

43 316.0 236.3 354.5



#16

Carbon Disulfide

Concen: 18.823 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014712.D

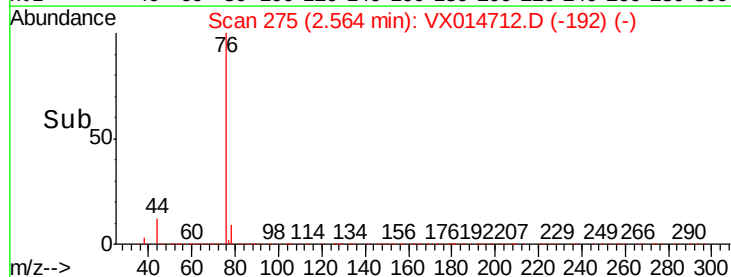
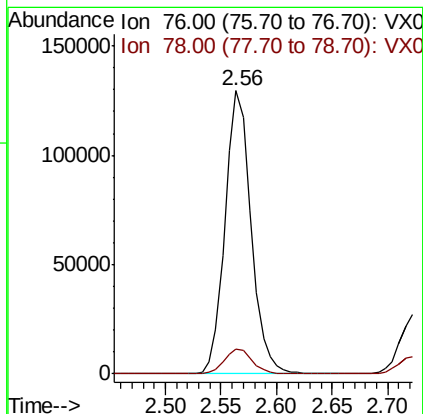
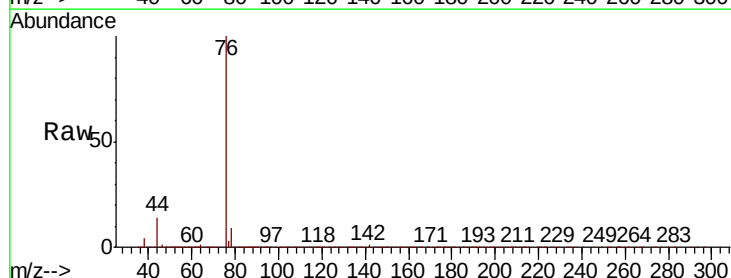
Acq: 24 Jan 2020 21:12

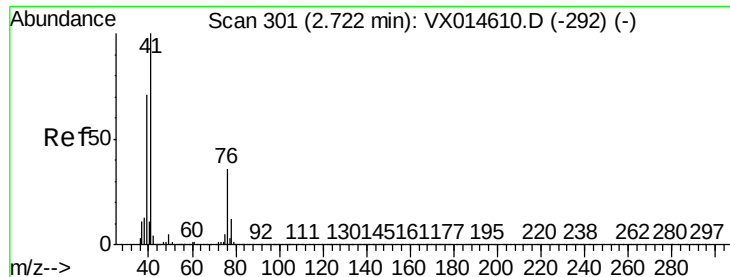
Tgt Ion: 76 Resp: 209608

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8

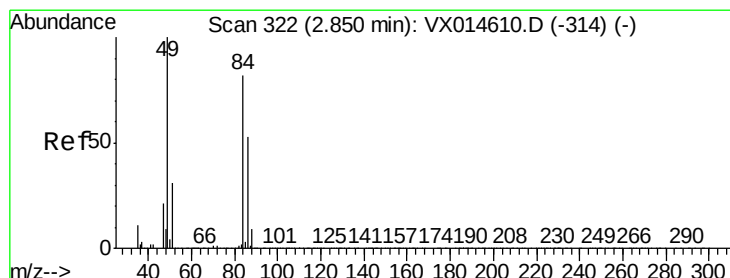
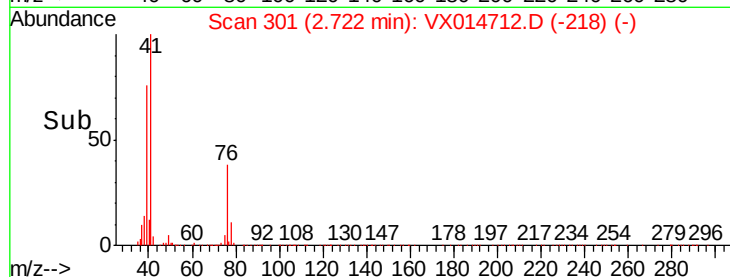
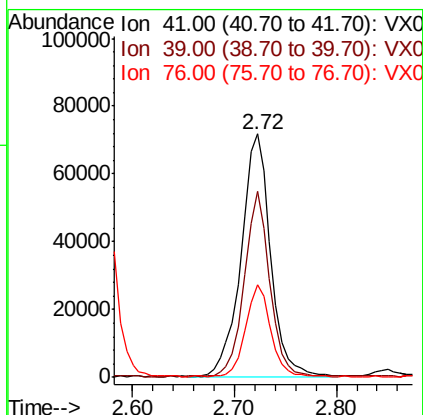
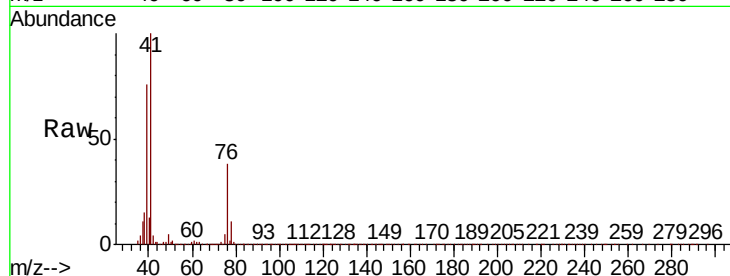




#17
Allvl chloride
Concen: 19.199 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

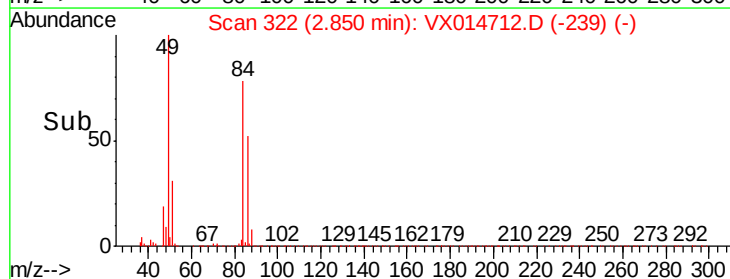
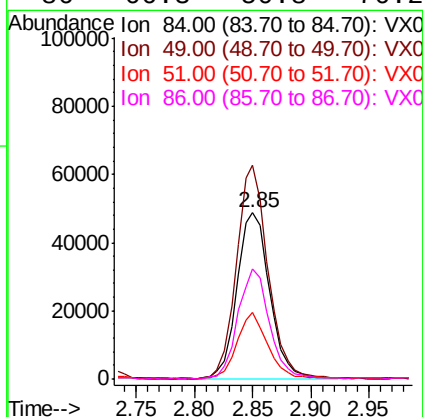
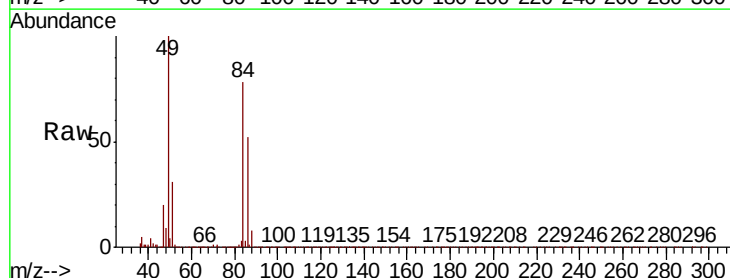
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

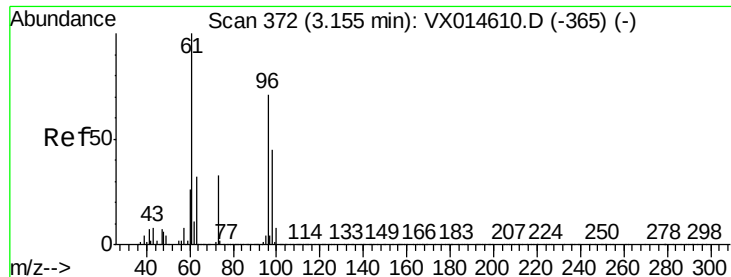
Tot Ion: 41 Resp: 144071
Ion Ratio Lower Upper
41 100
39 76.0 33.4 100.2
76 37.9 17.0 50.9



#18
Methylene Chloride
Concen: 20.115 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 84 Resp: 95453
Ion Ratio Lower Upper
84 100
49 128.7 102.2 153.2
51 39.2 31.4 47.0
86 66.3 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 19.245 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

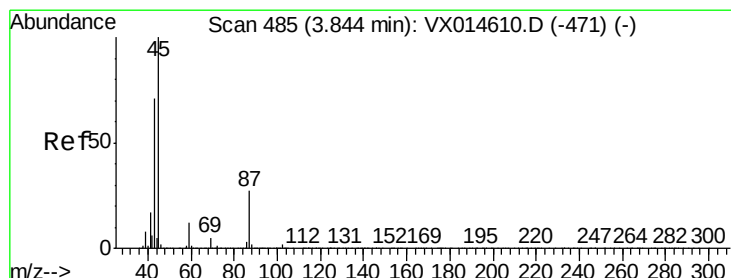
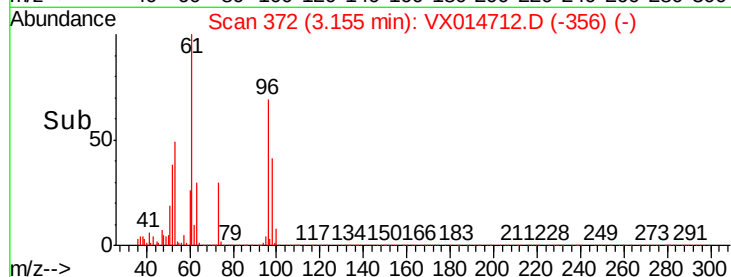
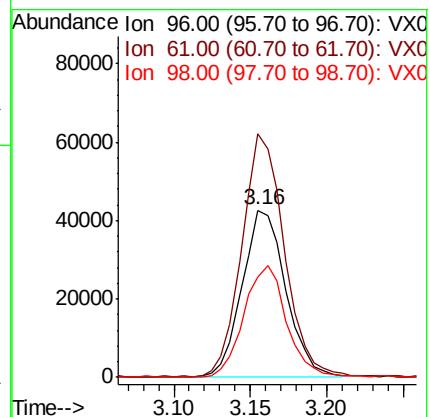
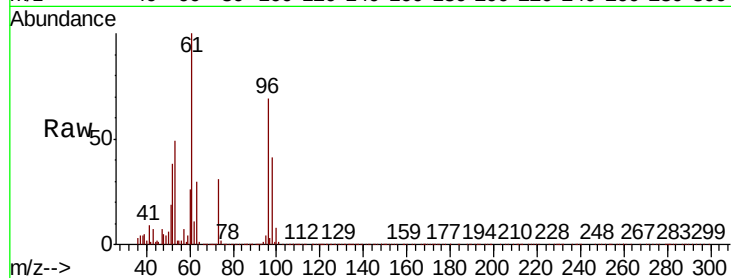
Tot Ion: 96 Resp: 84003

Ion Ratio Lower Upper

96 100

61 145.3 106.6 159.8

98 59.2 51.6 77.4



#20

Diisopropyl ether

Concen: 19.865 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Tgt Ion: 45 Resp: 294931

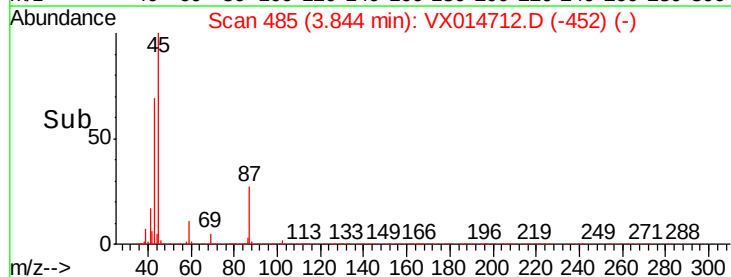
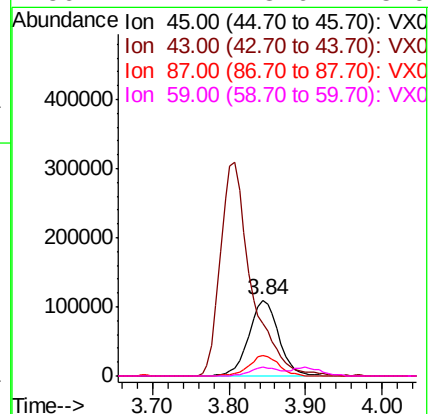
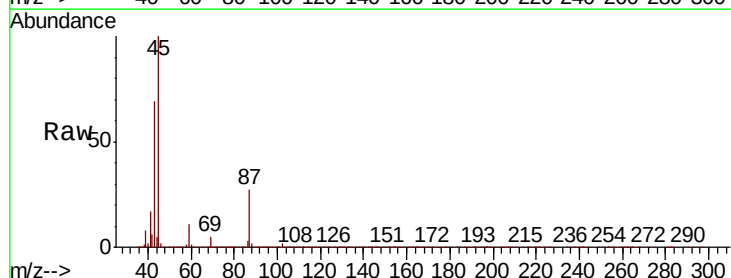
Ion Ratio Lower Upper

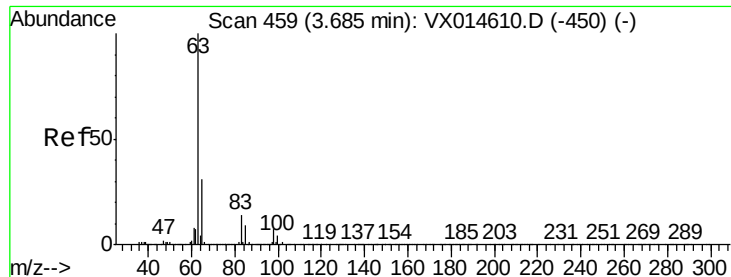
45 100

43 68.8 55.9 83.9

87 27.1 22.2 33.2

59 11.1 8.6 13.0

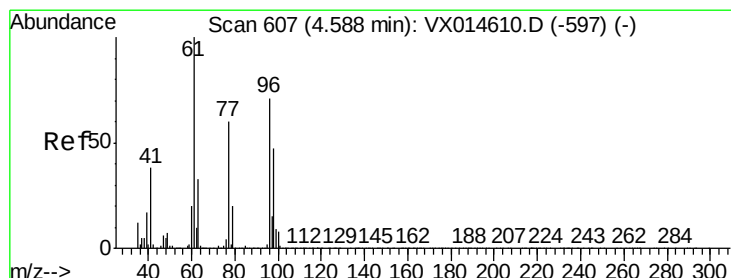
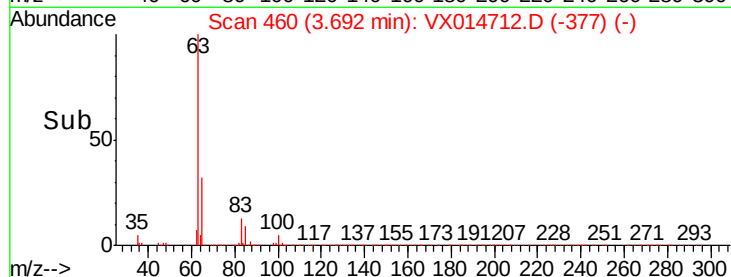
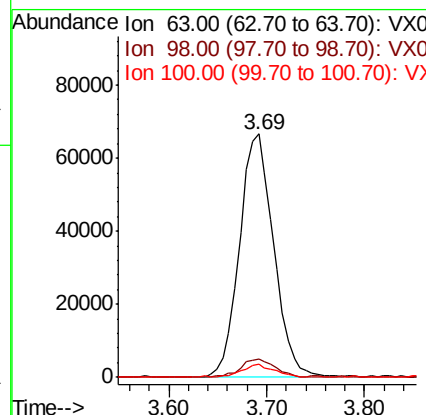
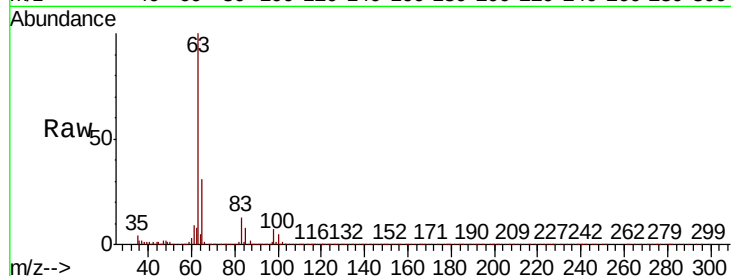




#21
1,1-Dichloroethane
Concen: 20.069 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

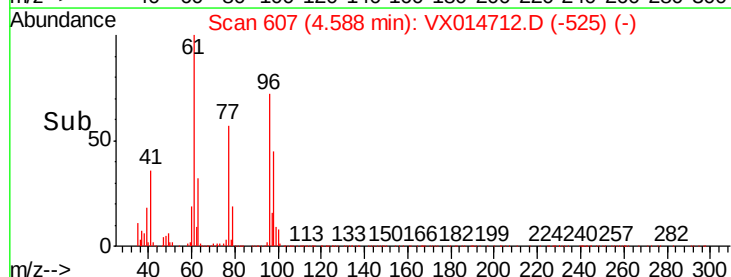
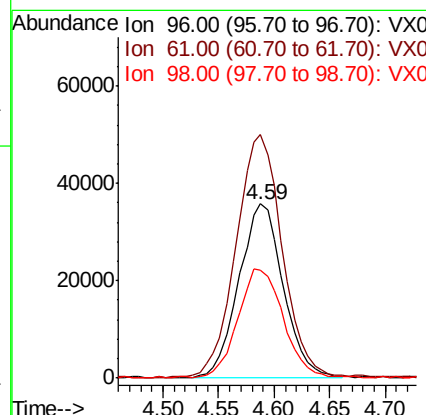
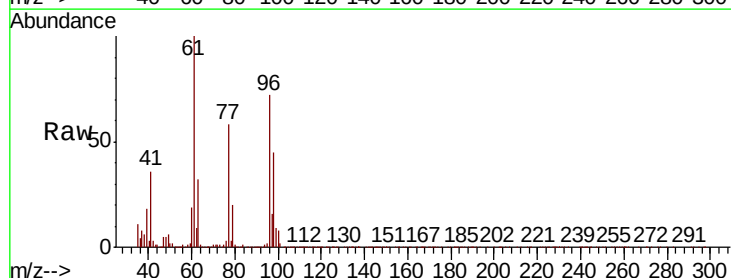
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

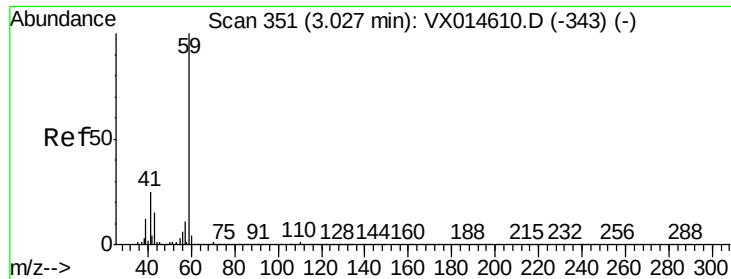
Tot Ion: 63 Resp: 161872
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.1
100 5.3 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 19.683 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 96 Resp: 98726
Ion Ratio Lower Upper
96 100
61 144.8 112.4 168.6
98 63.0 50.3 75.5

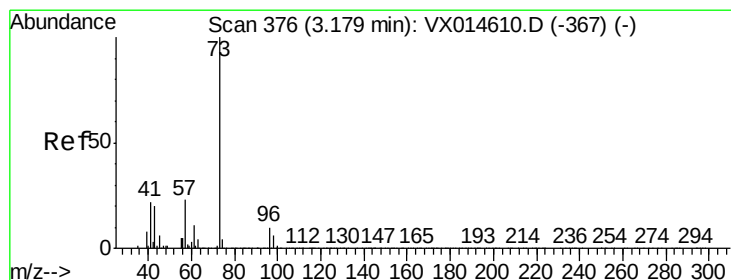
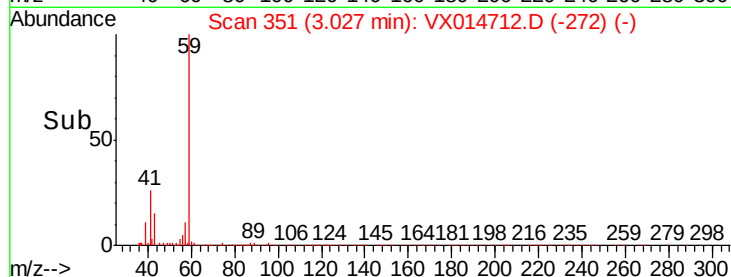
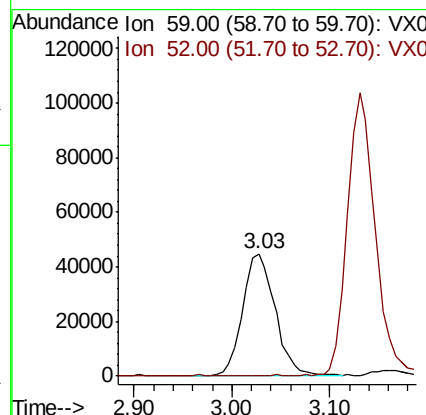
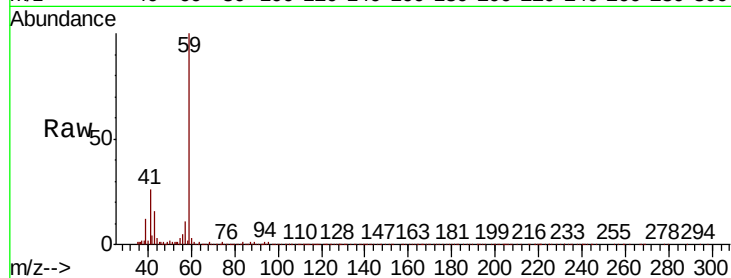




#23
 tert-Butyl Alcohol
 Concen: 99.838 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

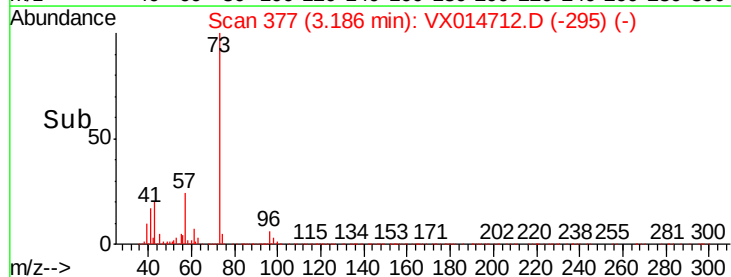
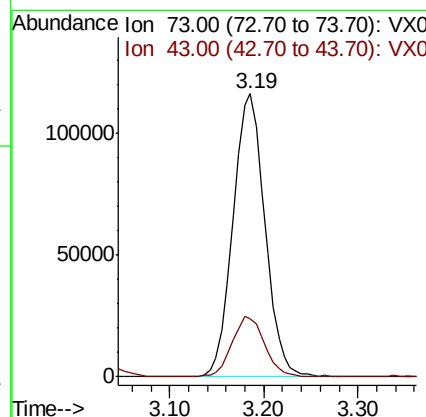
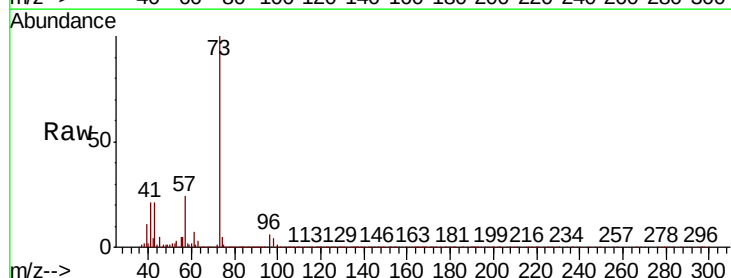
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

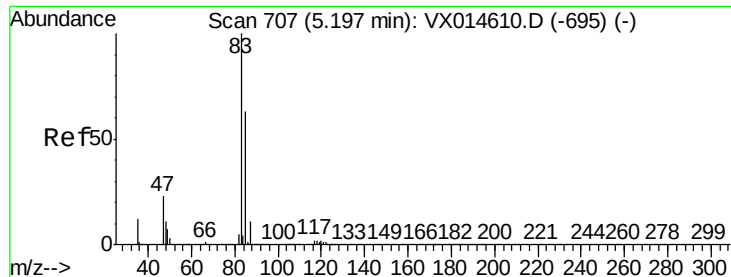
Tot Ion: 59 Resp: 103483
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 20.118 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion: 73 Resp: 271469
 Ion Ratio Lower Upper
 73 100
 43 21.3 16.6 25.0





#25

Chloroform

Concen: 19.782 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

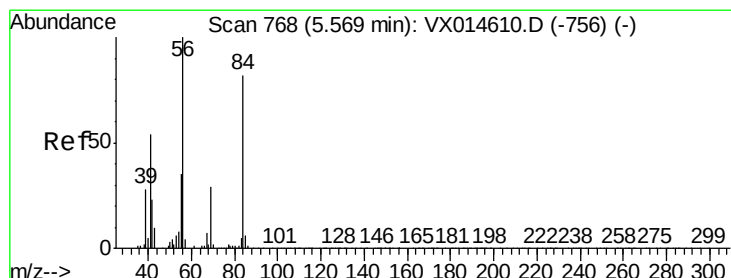
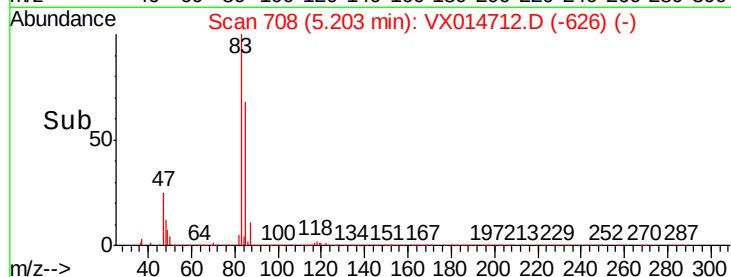
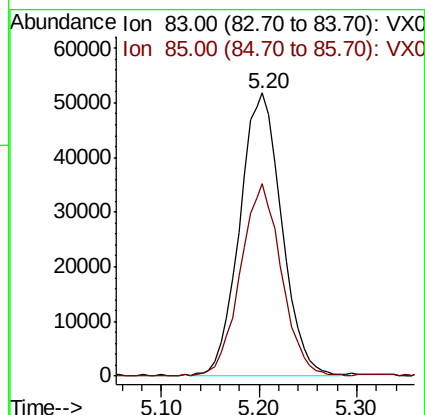
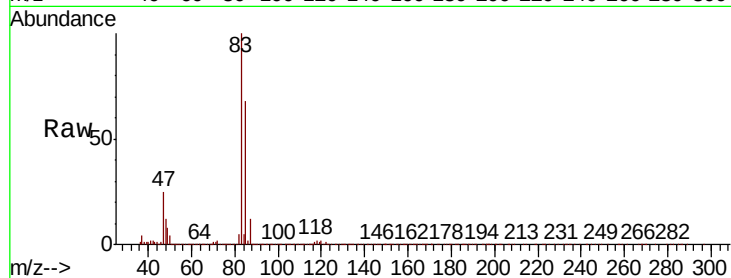
VSTDCCC020EC

Tot Ion: 83 Resp: 154555

Ion Ratio Lower Upper

83 100

85 67.9 52.7 79.1



#26

Cyclohexane

Concen: 19.016 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

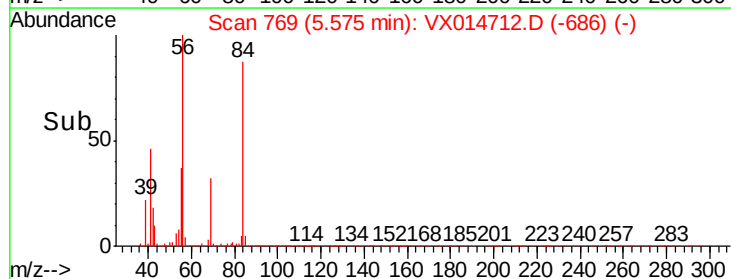
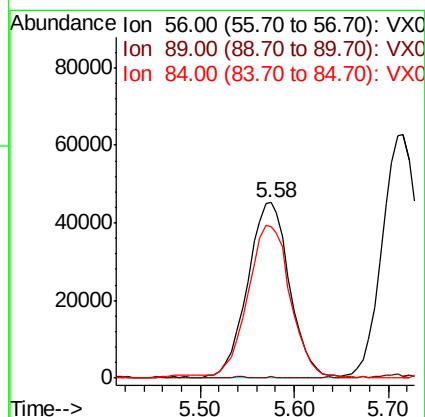
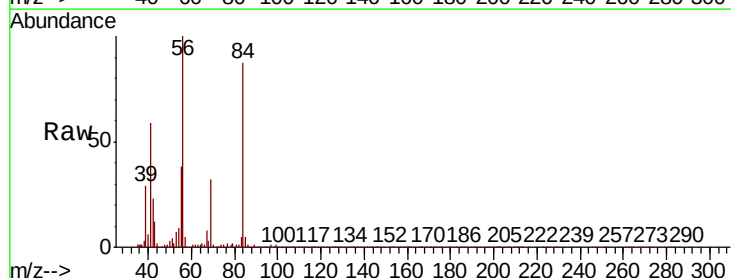
Tgt Ion: 56 Resp: 141471

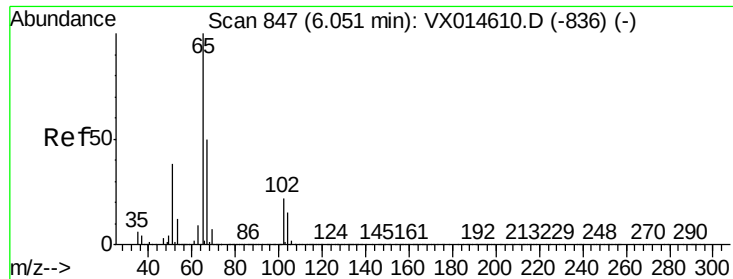
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 88.4 70.8 106.2

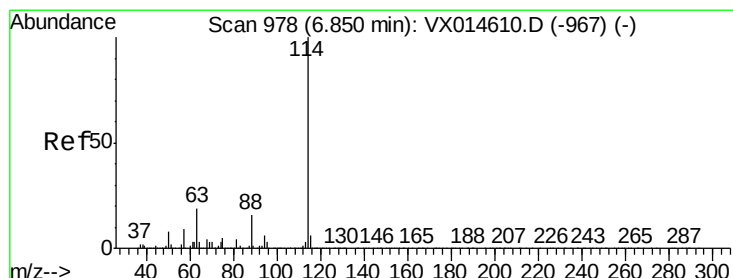
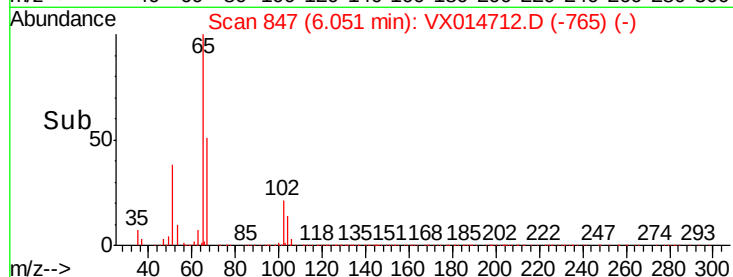
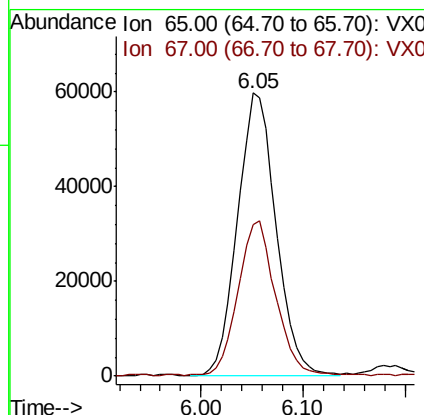
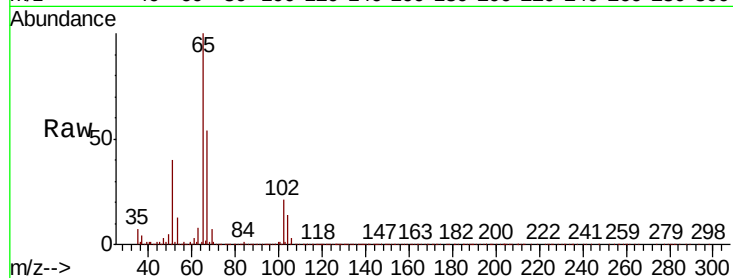




#27
 1,2-Dichloroethane-d4
 Concen: 30.236 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

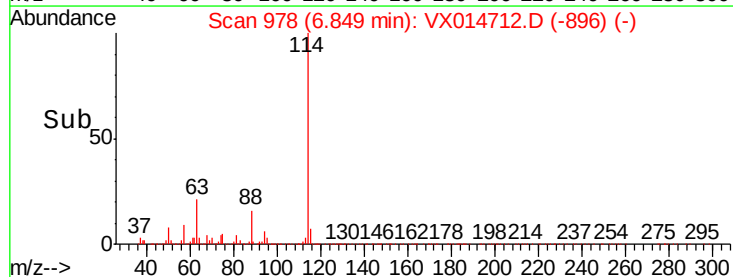
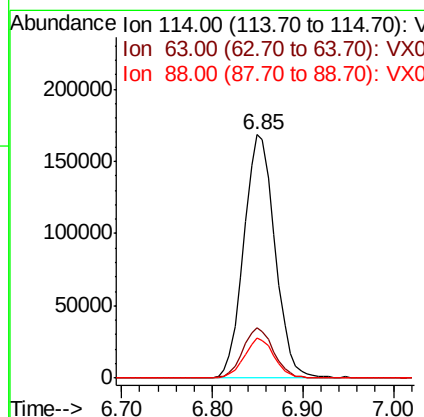
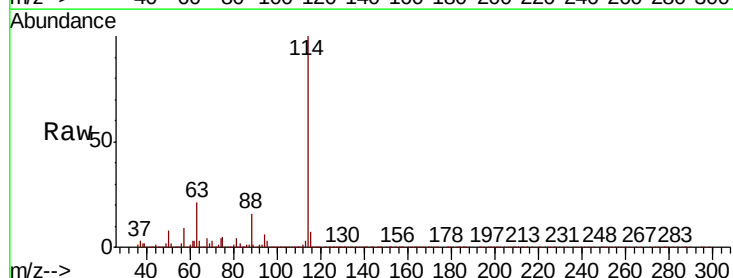
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

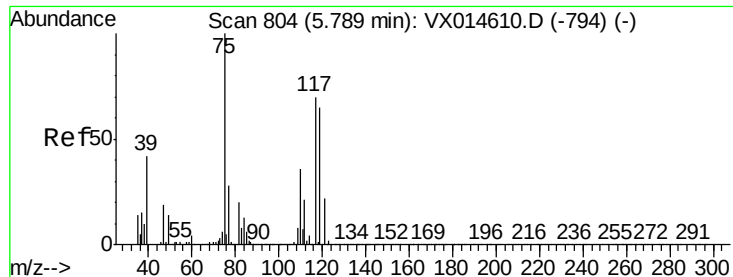
Tot Ion: 65 Resp: 155666
 Ion Ratio Lower Upper
 65 100
 67 53.1 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion: 114 Resp: 400091
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 15.6 12.5 18.7

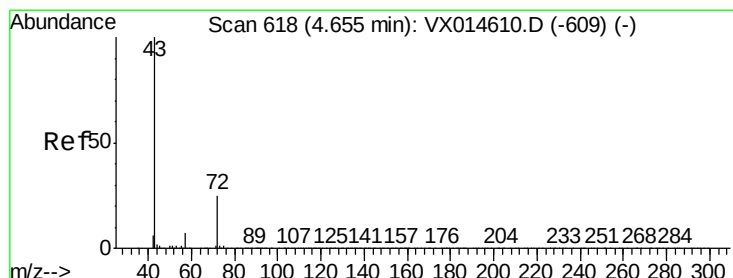
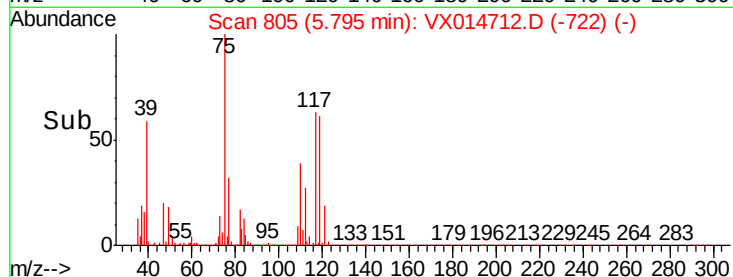
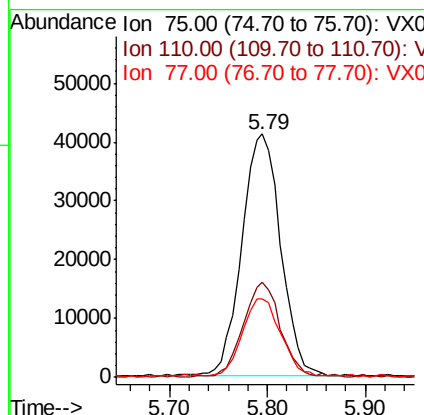
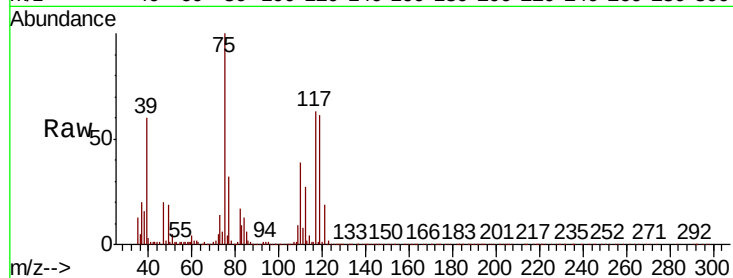




#29
 1,1-Dichloropropene
 Concen: 19.278 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

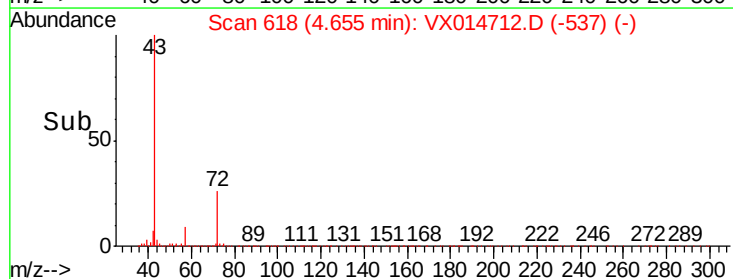
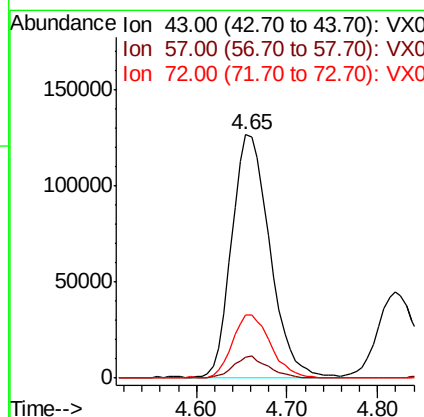
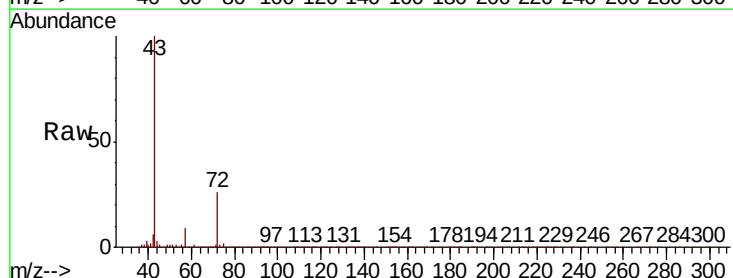
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

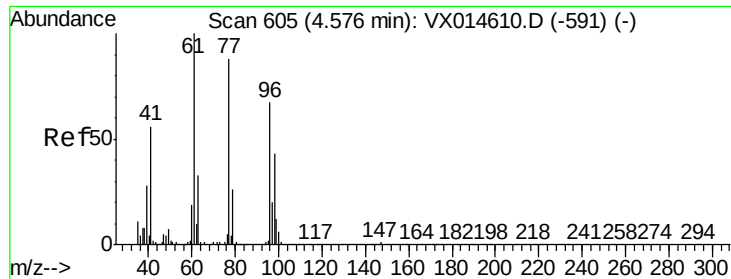
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	73.8
77	32.0	0.0	62.4



#30
 2-Butanone
 Concen: 99.030 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.2
72	25.4	20.3	30.5

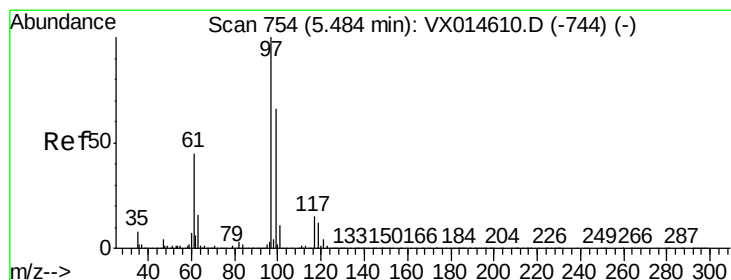
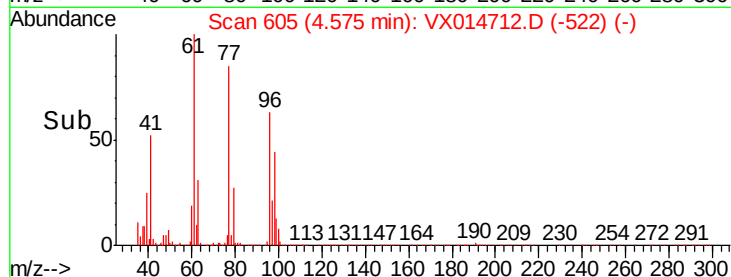
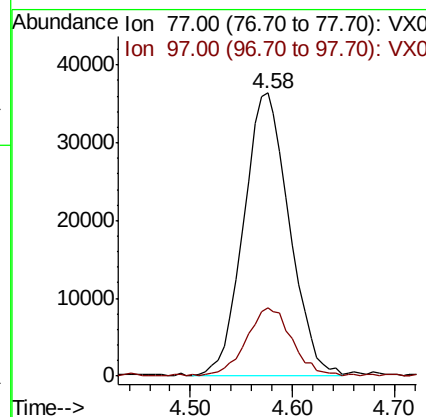
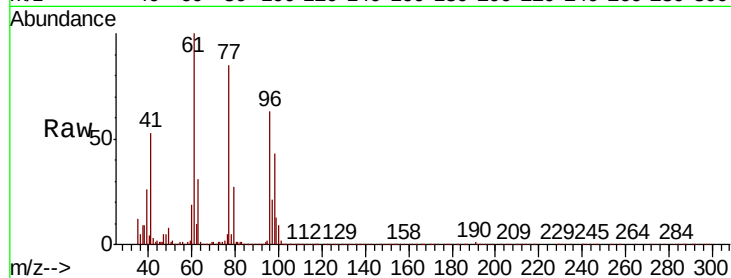




#31
 2,2-Dichloropropane
 Concen: 17.991 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

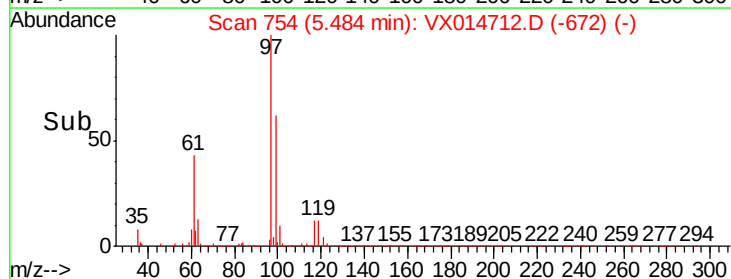
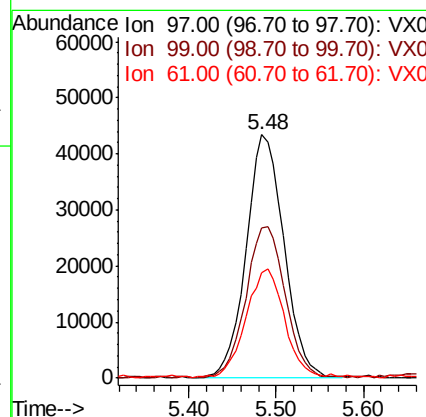
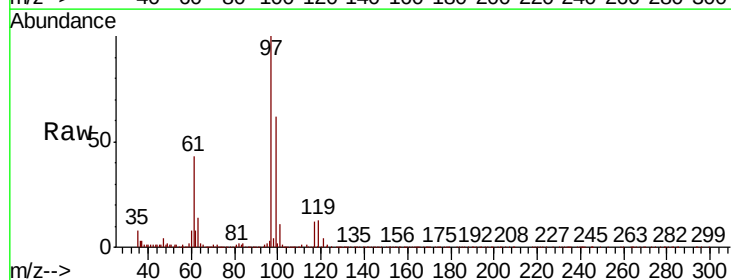
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

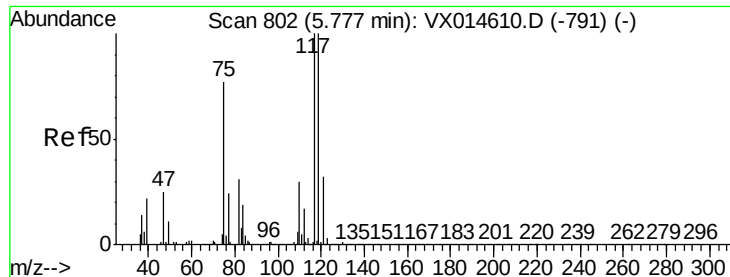
Tot Ion: 77 Resp: 112953
 Ion Ratio Lower Upper
 77 100
 97 23.5 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 20.211 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion: 97 Resp: 131199
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.9 77.9
 61 44.9 36.8 55.2

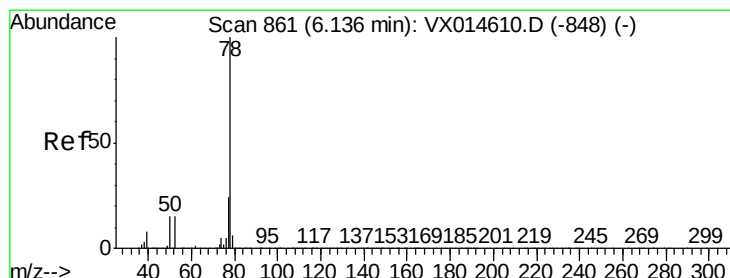
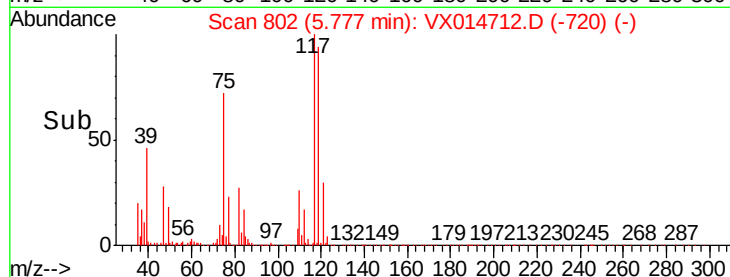
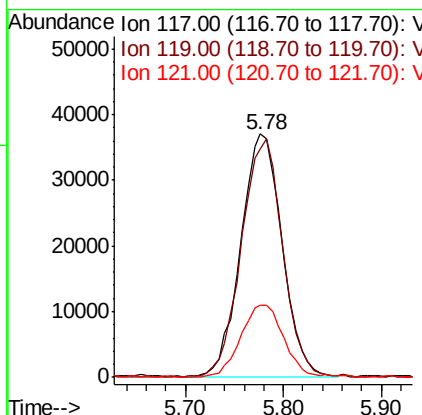
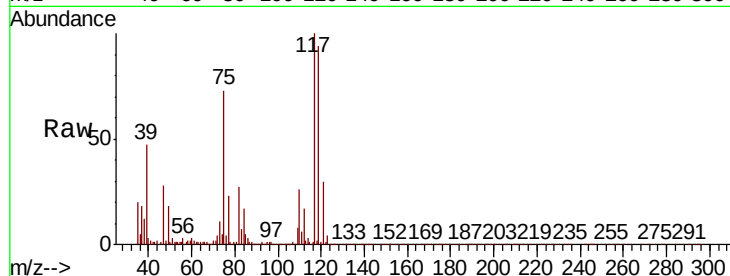




#33
Carbon Tetrachloride
Concen: 19.529 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

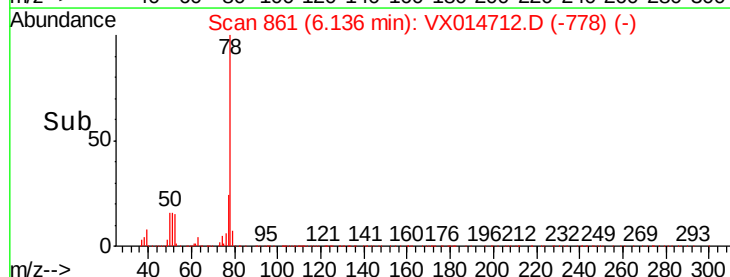
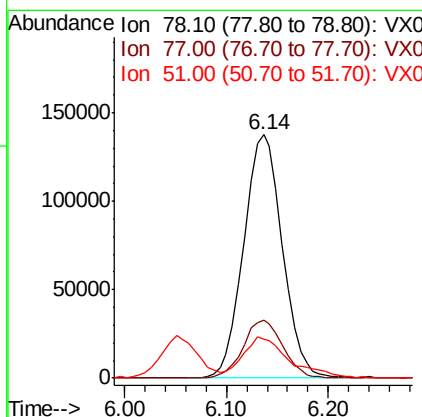
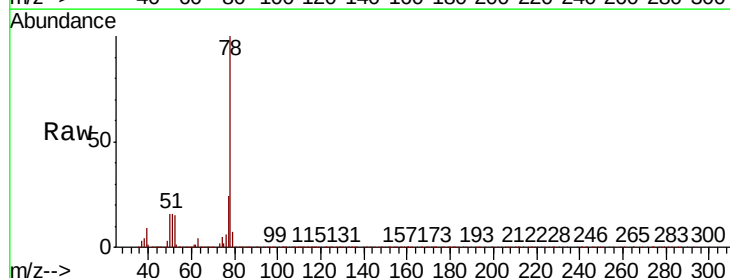
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

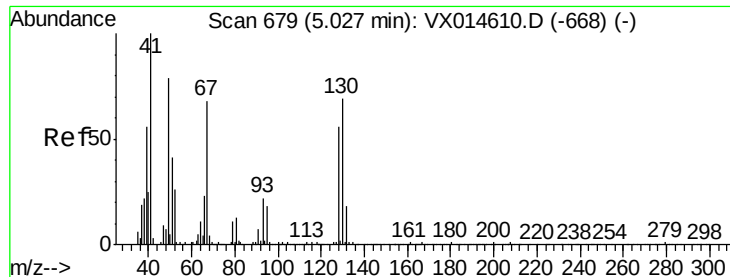
Tot Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.2	115.8
121	29.5	24.8	37.2



#34
Benzene
Concen: 19.966 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2
51	14.8	12.4	18.6

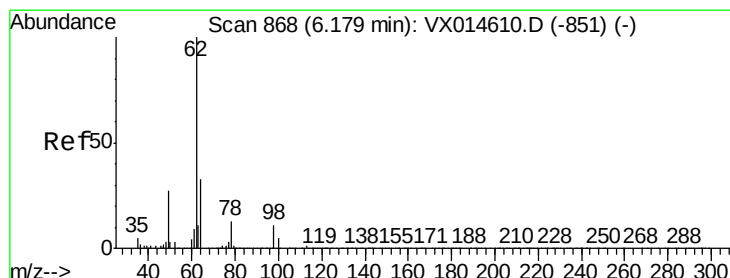
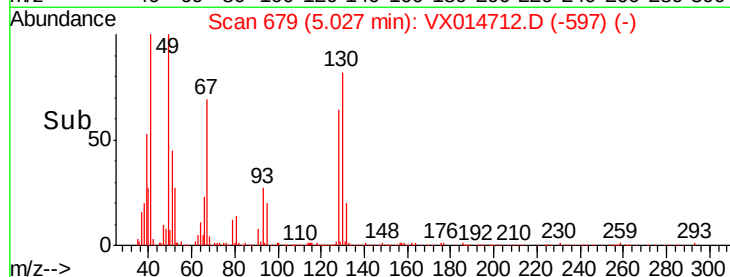
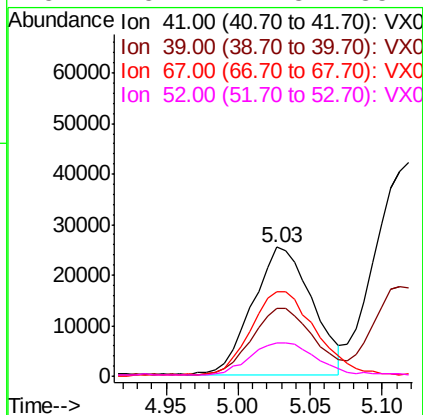
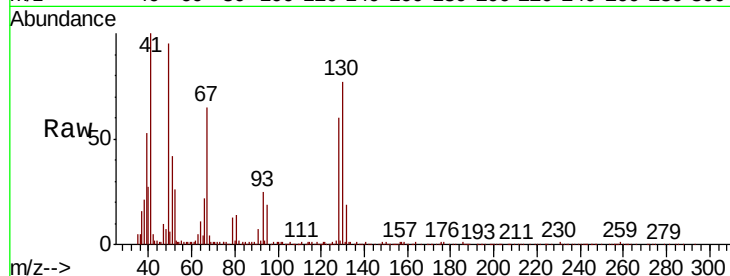




#35
Methacrylonitrile
Concen: 19.631 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

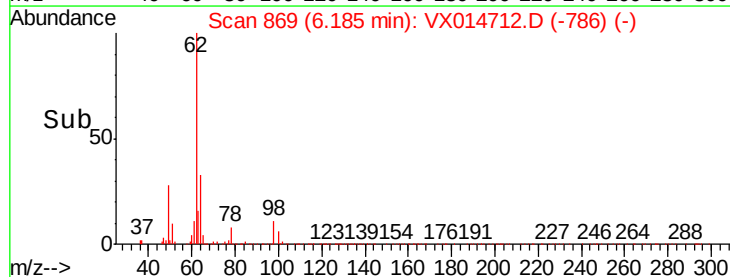
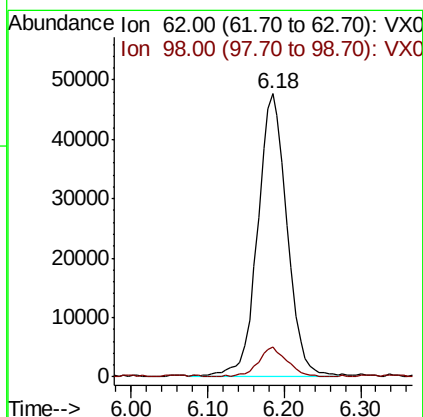
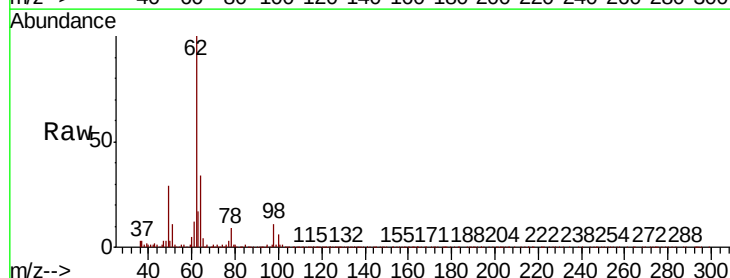
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

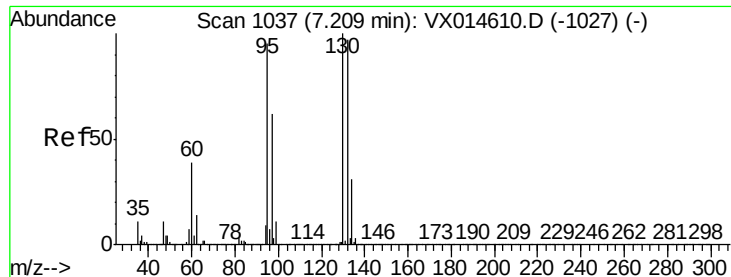
Tot Ion:	41	Resp:	72874
Ion	Ratio	Lower	Upper
41	100		
39	52.5	26.7	80.1
67	64.0	31.5	94.5
52	25.1	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.306 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion:	62	Resp:	128127
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.4	12.6

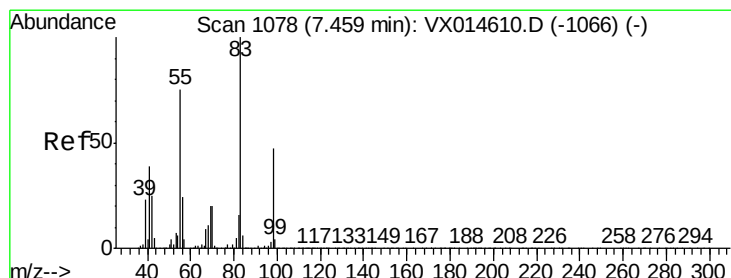
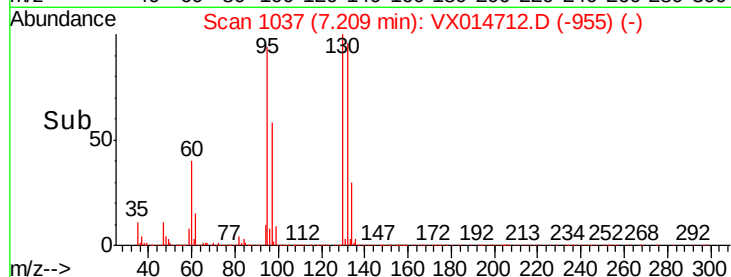
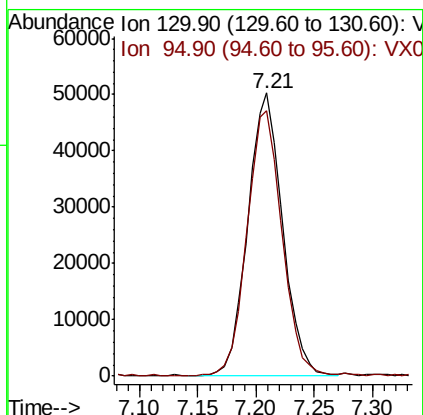
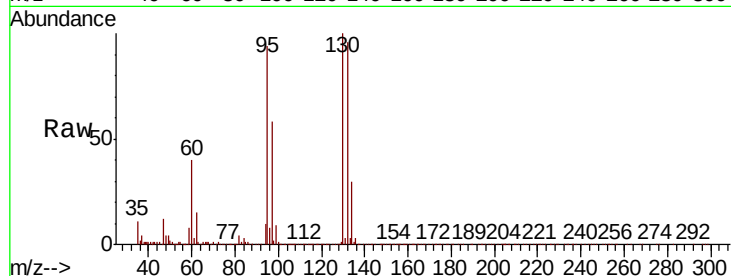




#37
 Trichloroethene
 Concen: 20.998 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

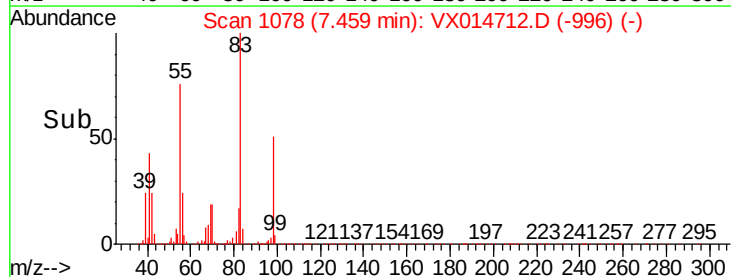
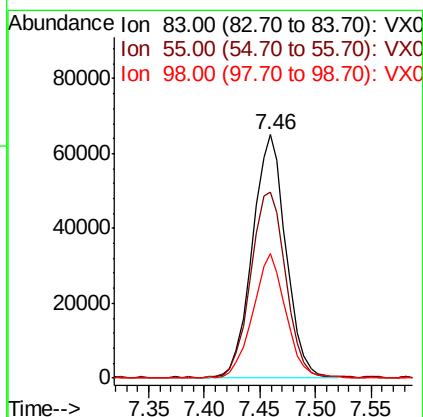
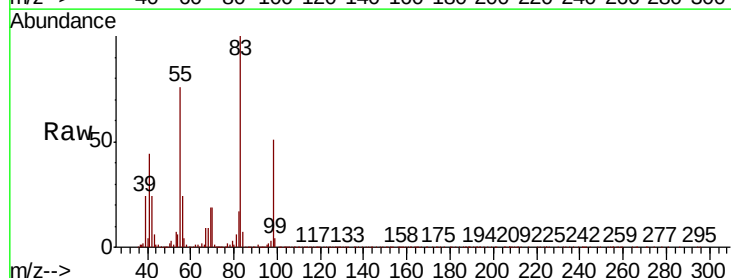
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

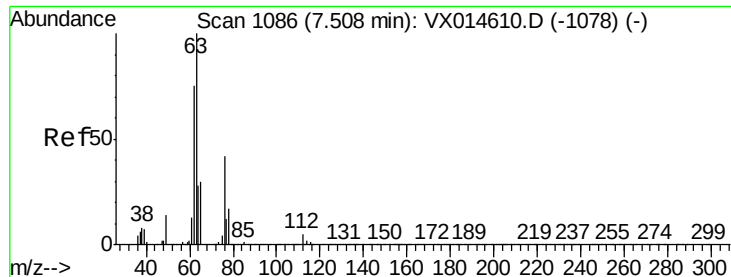
Tot Ion:130 Resp: 104245
 Ion Ratio Lower Upper
 130 100
 95 93.7 71.7 107.5



#38
 Methylcyclohexane
 Concen: 18.656 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion: 83 Resp: 136294
 Ion Ratio Lower Upper
 83 100
 55 79.0 39.4 118.1
 98 50.6 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.637 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

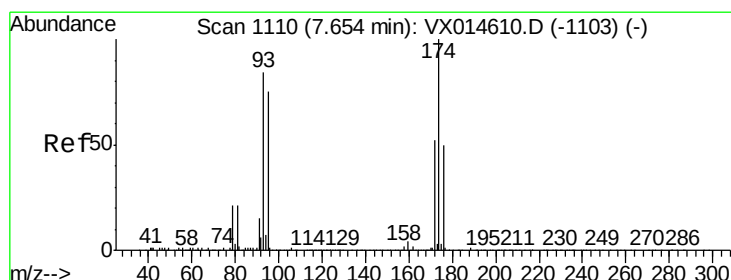
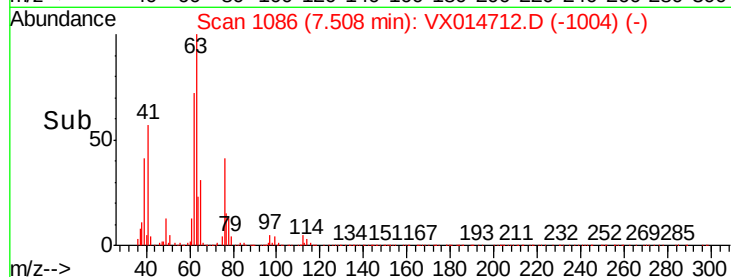
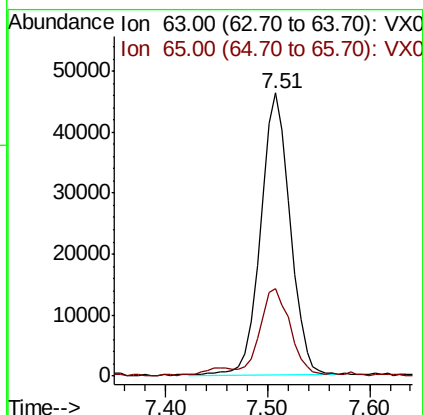
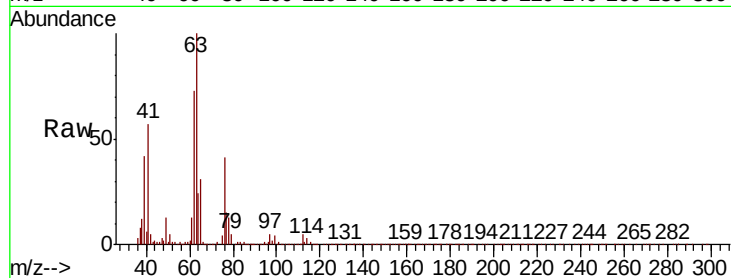
VSTDCCC020EC

Tot Ion: 63 Resp: 92586

Ion Ratio Lower Upper

63 100

65 30.2 22.1 33.1



#40

Dibromomethane

Concen: 20.548 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

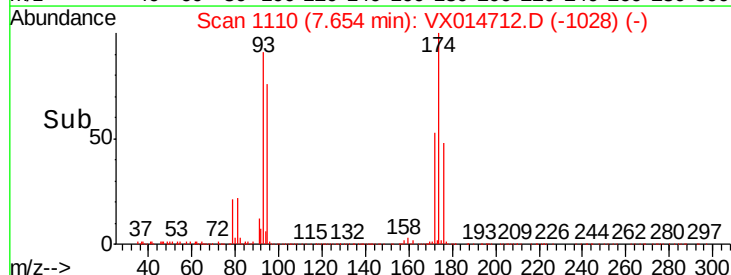
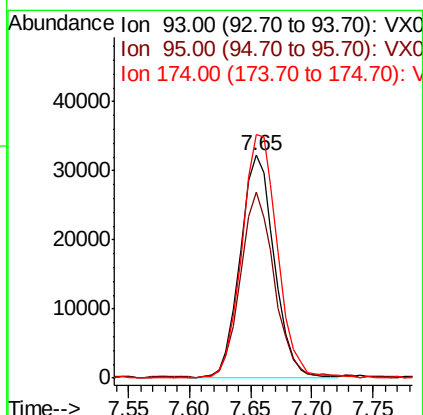
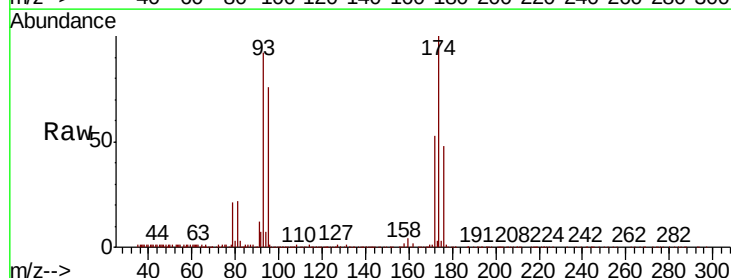
Tgt Ion: 93 Resp: 62264

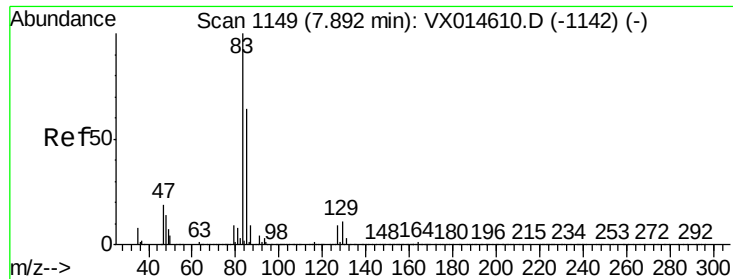
Ion Ratio Lower Upper

93 100

95 81.6 0.0 164.4

174 112.0 0.0 228.8





#41

Bromodichloromethane

Concen: 19.750 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

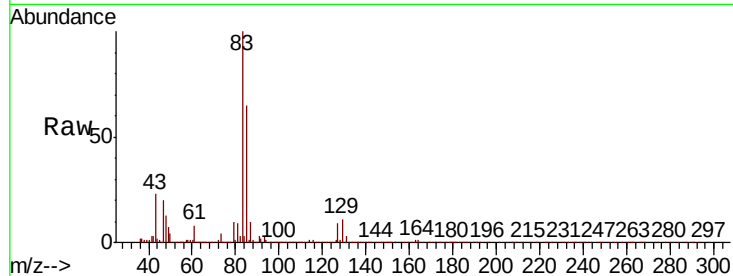
Tot Ion: 83 Resp: 117190

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4

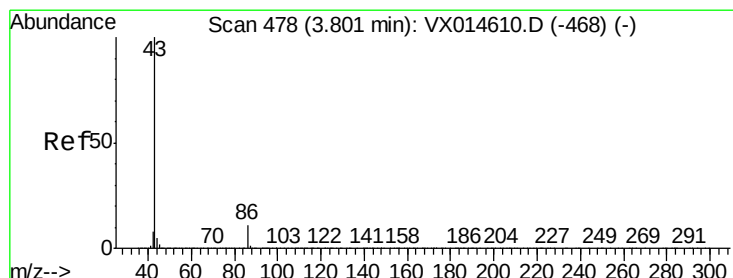
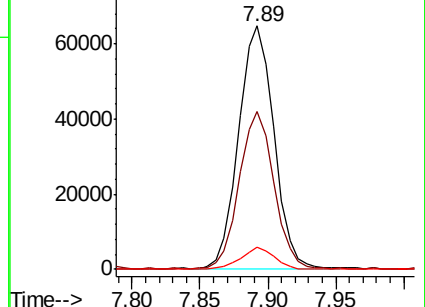
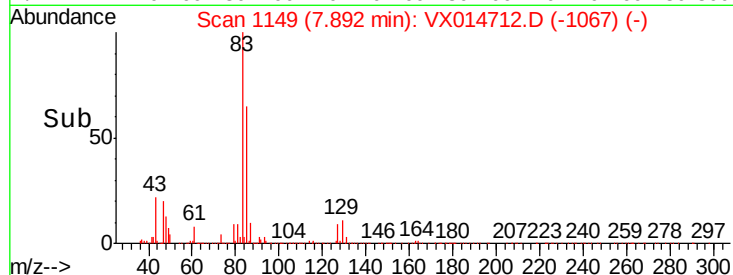
127 8.9 6.0 9.0



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: 75.271 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014712.D

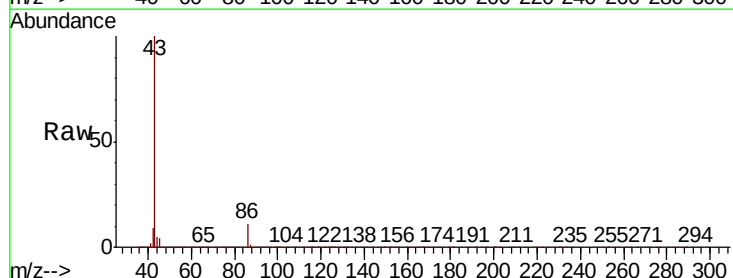
Acq: 24 Jan 2020 21:12

Tgt Ion: 43 Resp: 862337

Ion Ratio Lower Upper

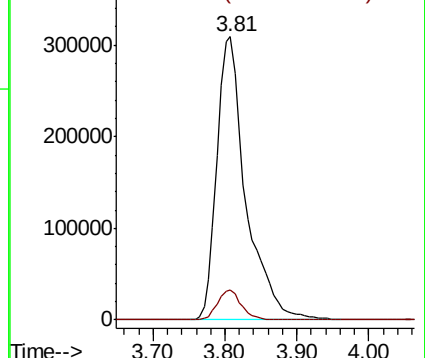
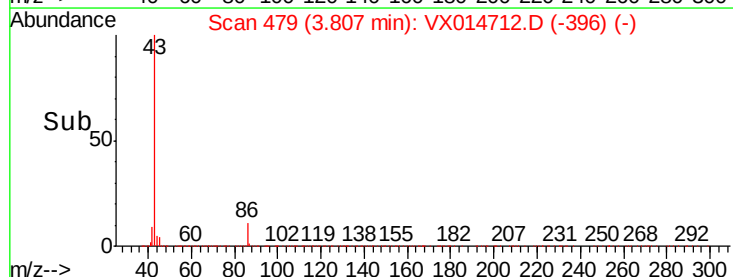
43 100

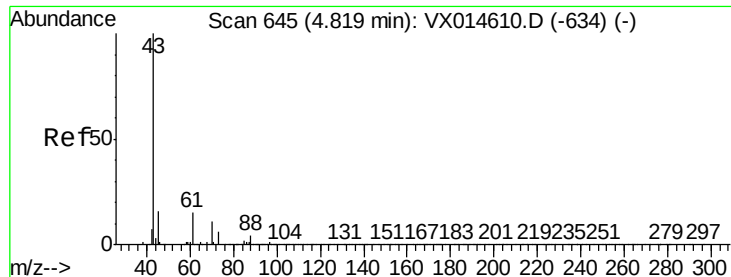
86 8.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

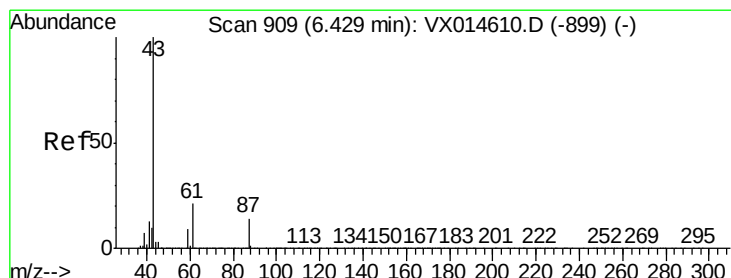
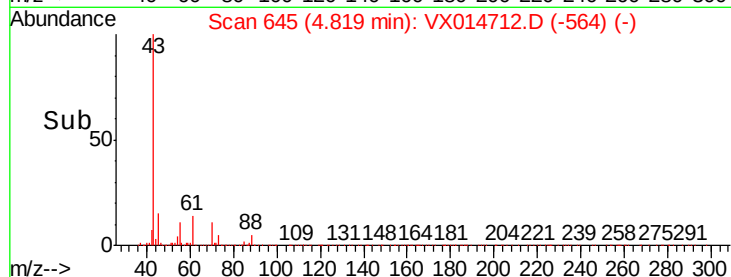
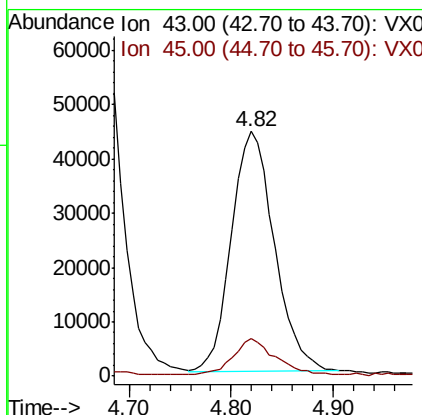
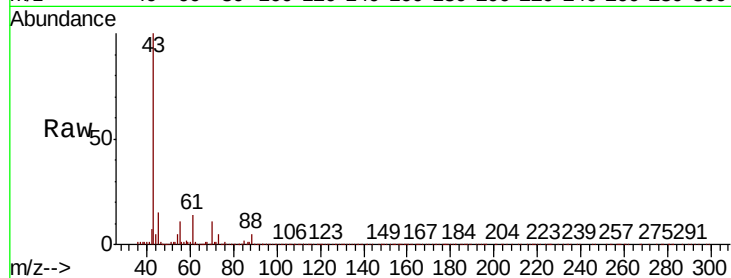




#43
Ethyl Acetate
Concen: 19.264 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

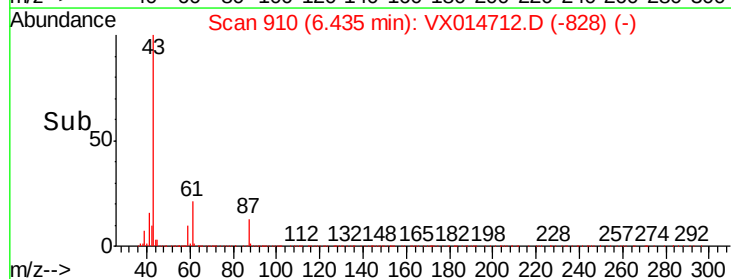
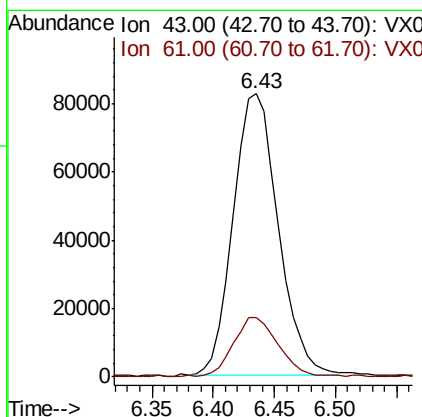
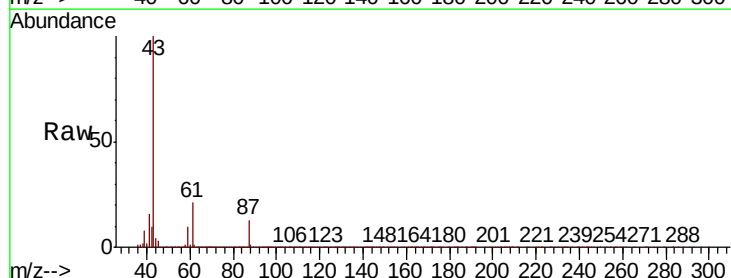
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

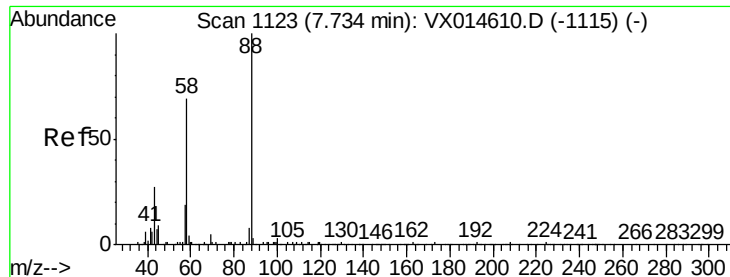
Tot Ion: 43 Resp: 129618
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.449 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 43 Resp: 211109
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9

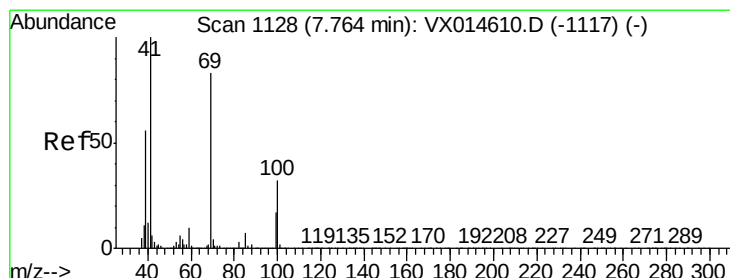
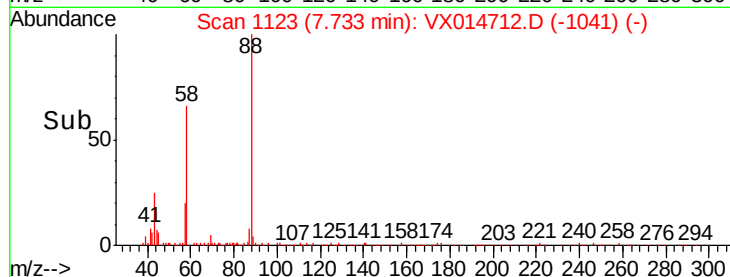
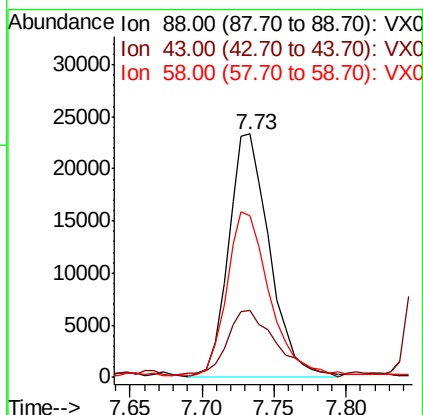
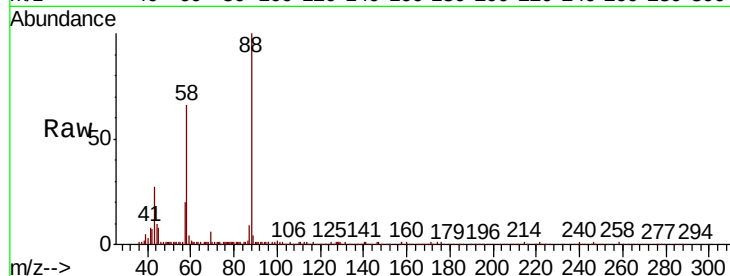




#45
1,4-Dioxane
Concen: 426.226 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

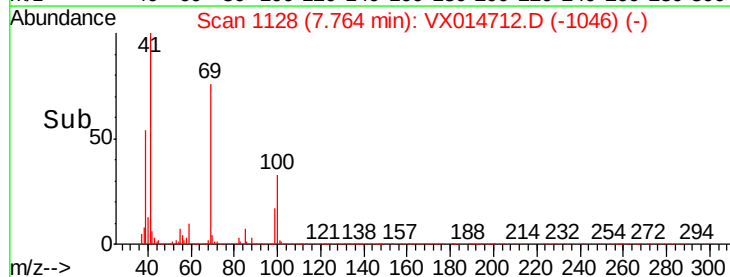
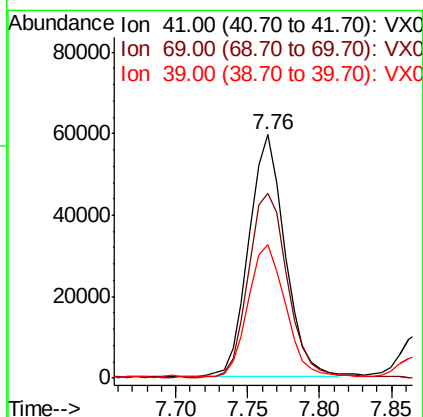
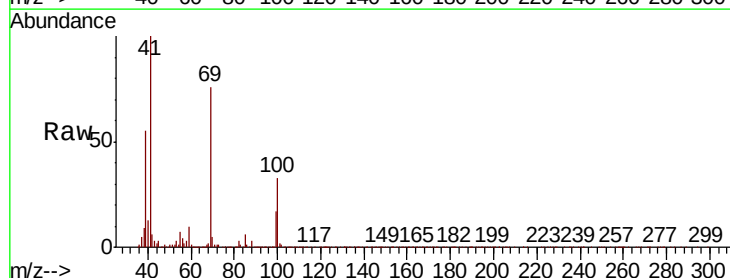
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

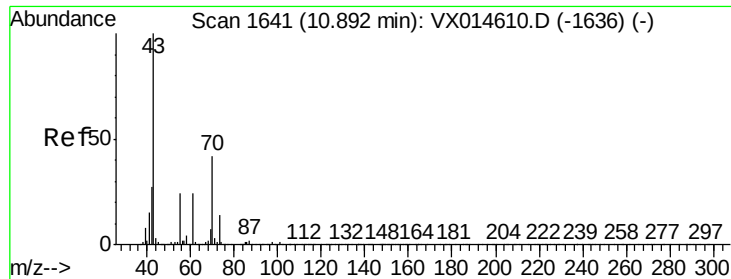
Tot Ion: 88 Resp: 46279
Ion Ratio Lower Upper
88 100
43 34.7 25.4 38.2
58 69.6 56.5 84.7



#46
Methyl methacrylate
Concen: 19.417 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 41 Resp: 103648
Ion Ratio Lower Upper
41 100
69 75.8 40.6 122.0
39 54.6 27.8 83.3





#47

n-amvl Acetate

Concen: 20.077 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

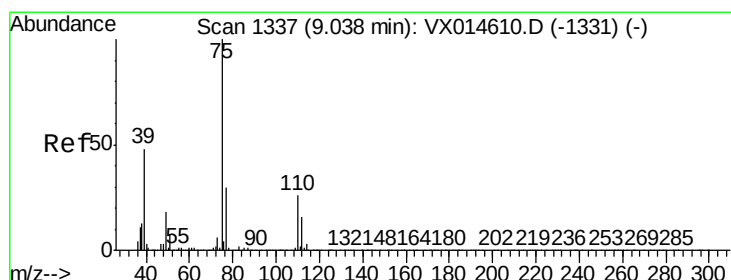
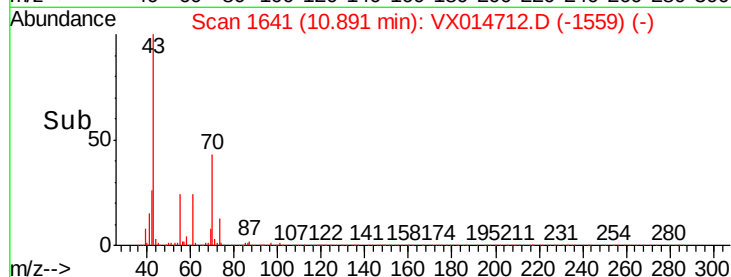
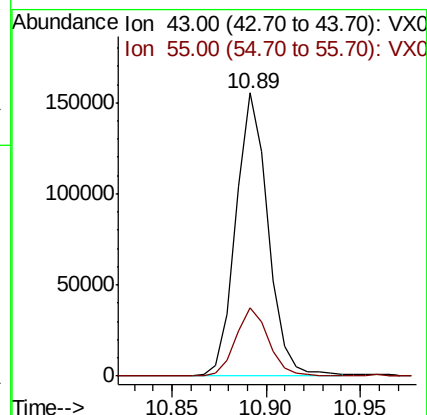
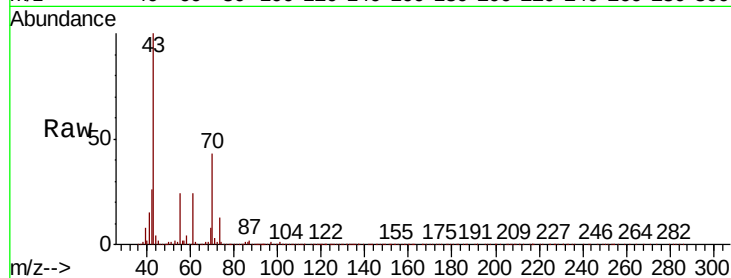
VSTDCCC020EC

Tot Ion: 43 Resp: 182599

Ion Ratio Lower Upper

43 100

55 24.3 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 19.350 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014712.D

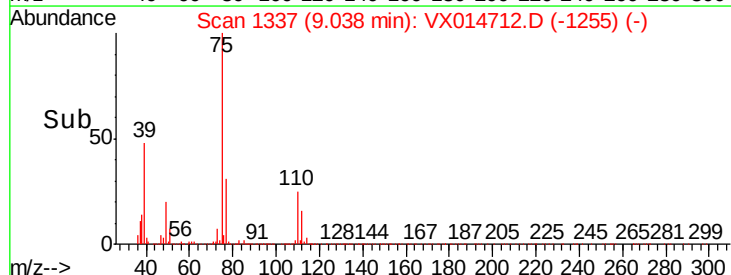
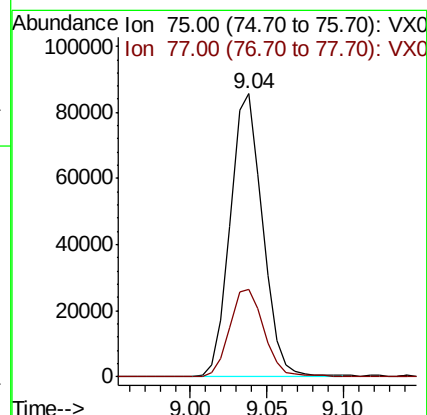
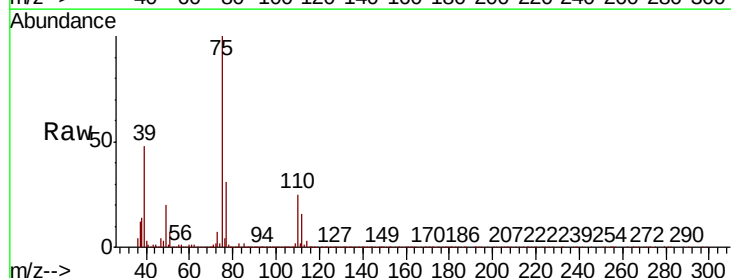
Acq: 24 Jan 2020 21:12

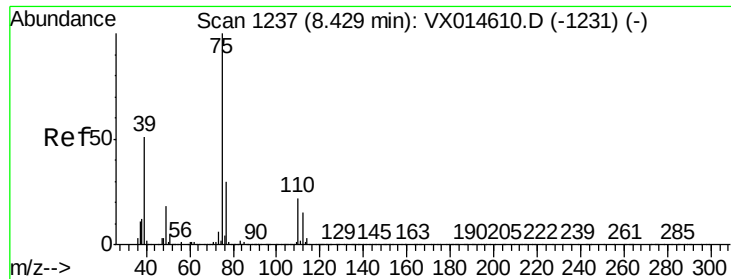
Tgt Ion: 75 Resp: 125358

Ion Ratio Lower Upper

75 100

77 30.6 26.0 39.0



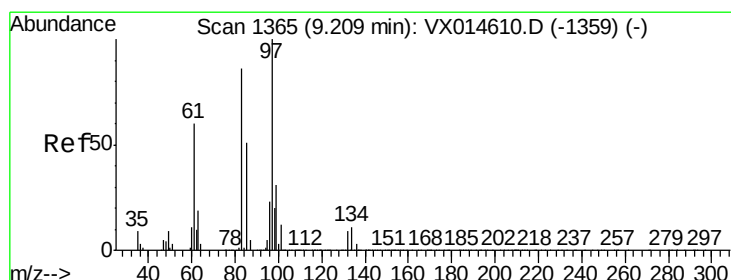
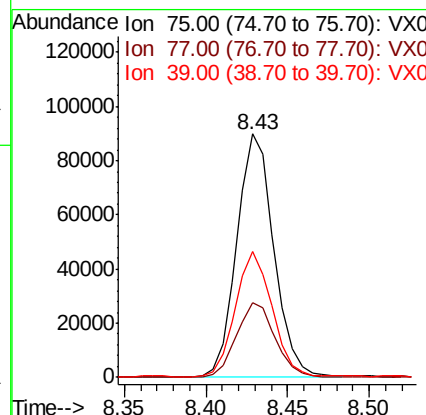
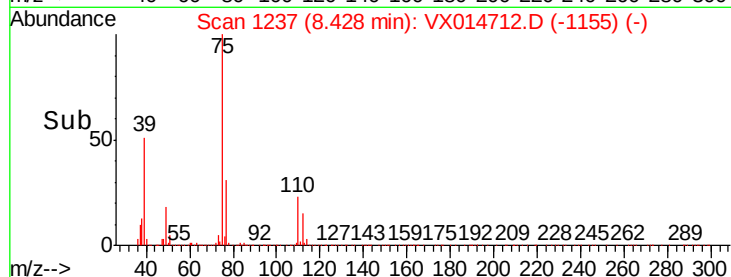
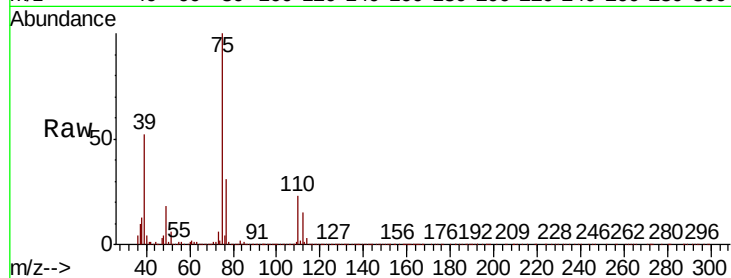


#49

cis-1,3-Dichloropropene
 Concen: 19.369 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

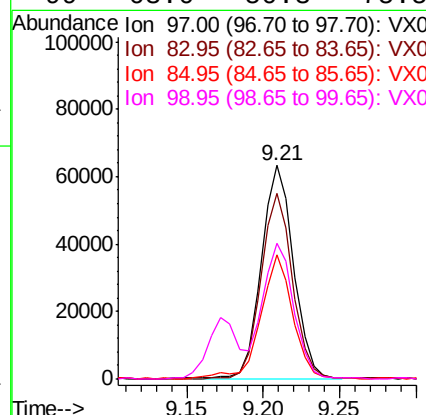
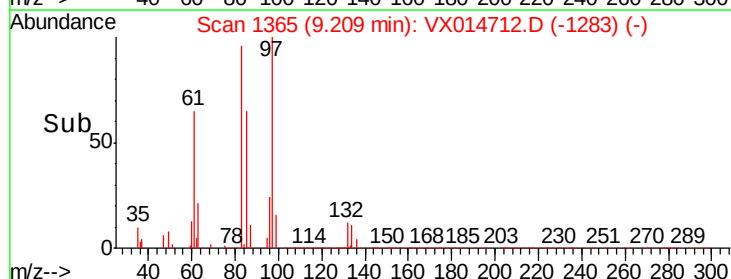
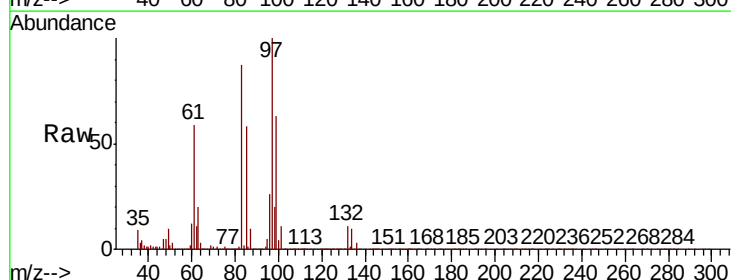
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.8	37.2
39	51.4	41.1	61.7

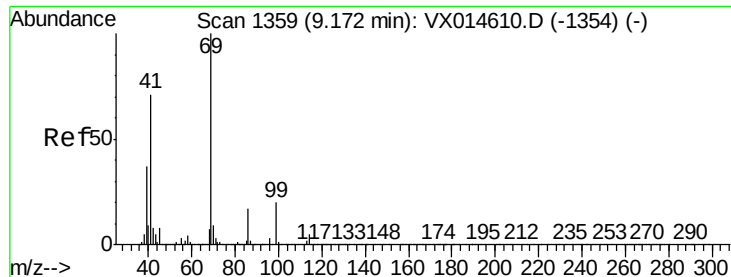


#50

1,1,2-Trichloroethane
 Concen: 20.246 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.1	102.1
85	58.3	42.7	64.1
99	63.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.177 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

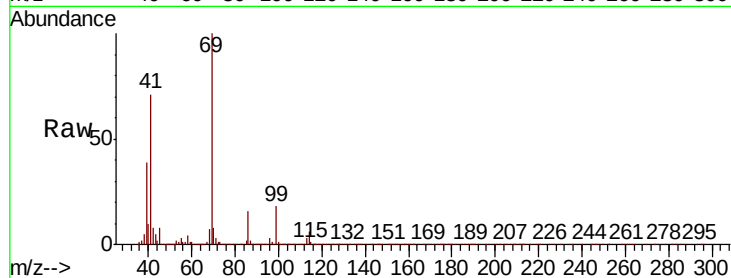
Tot Ion: 69 Resp: 137674

Ion Ratio Lower Upper

69 100

41 71.1 35.4 106.1

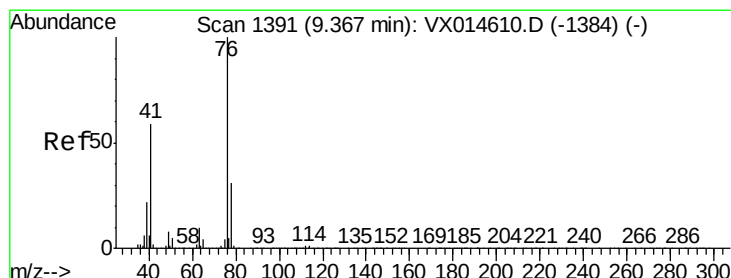
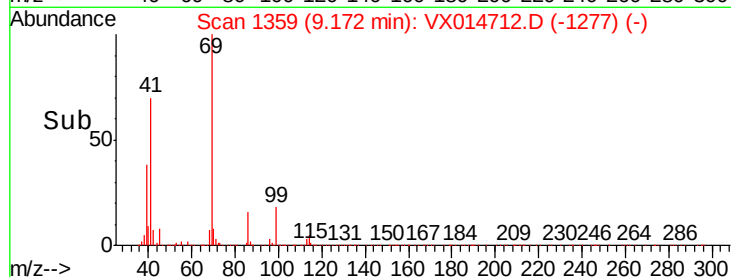
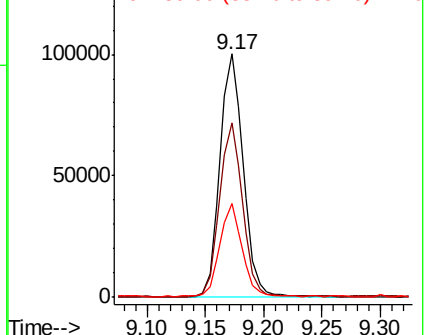
39 38.1 17.8 53.3



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: 20.317 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014712.D

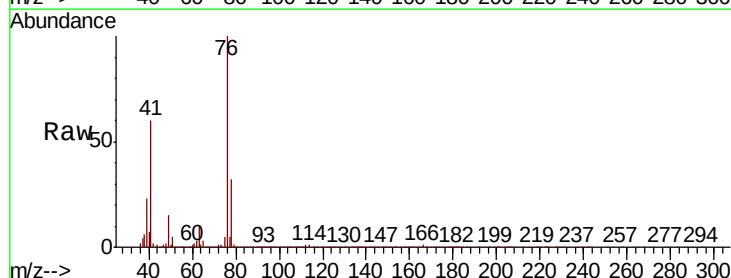
Acq: 24 Jan 2020 21:12

Tgt Ion: 76 Resp: 158714

Ion Ratio Lower Upper

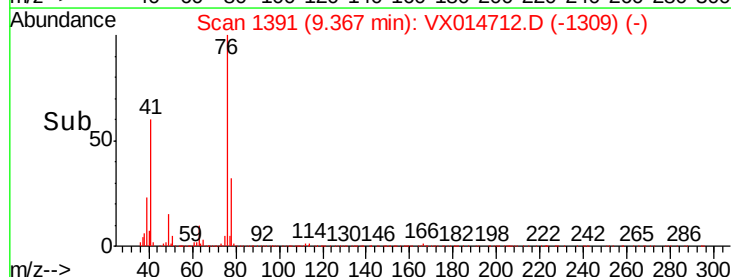
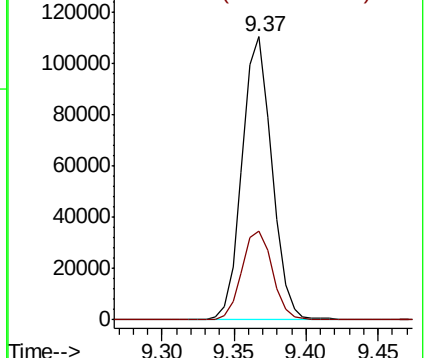
76 100

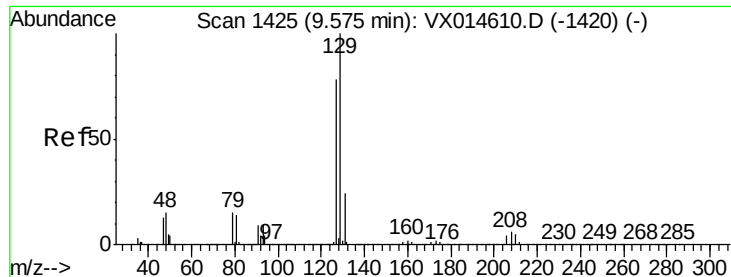
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.177 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

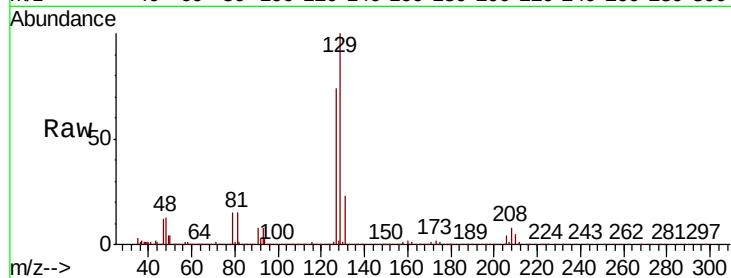
VSTDCCC020EC

Tot Ion:129 Resp: 95160

Ion Ratio Lower Upper

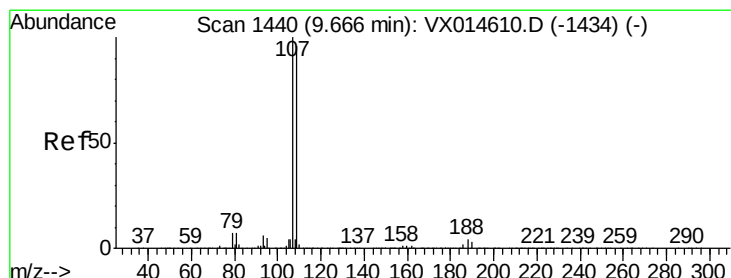
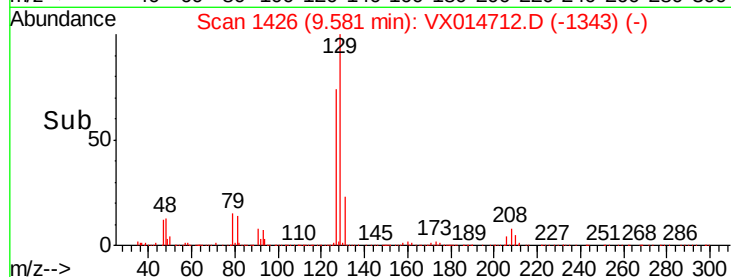
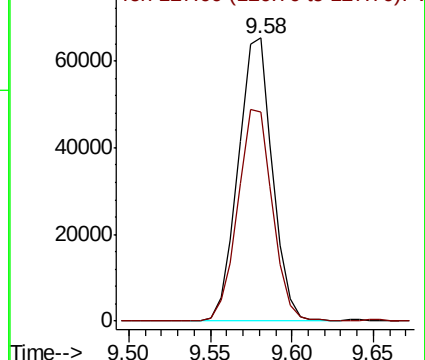
129 100

127 76.1 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: 20.243 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014712.D

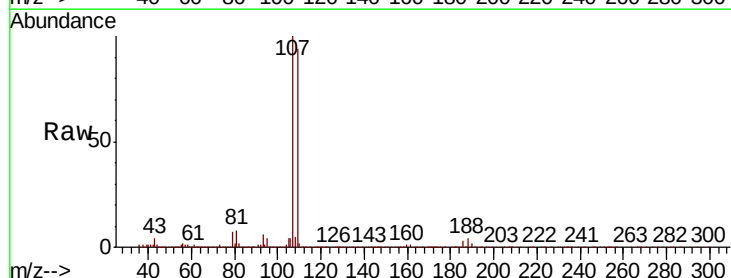
Acq: 24 Jan 2020 21:12

Tgt Ion:107 Resp: 96802

Ion Ratio Lower Upper

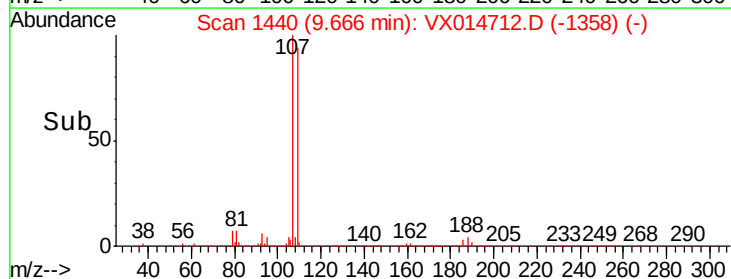
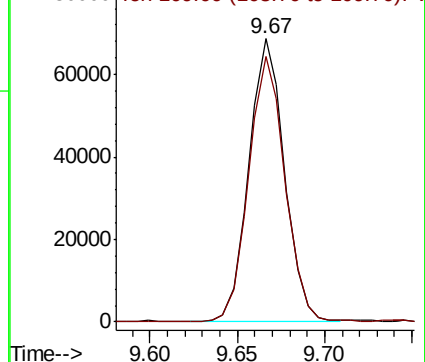
107 100

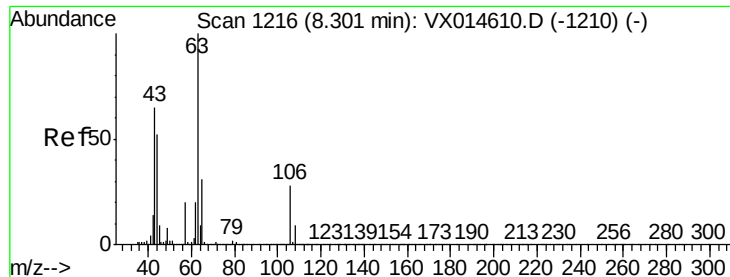
109 95.5 77.2 115.8



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: 96.912 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

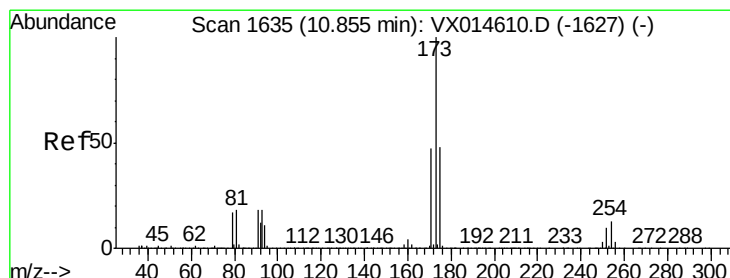
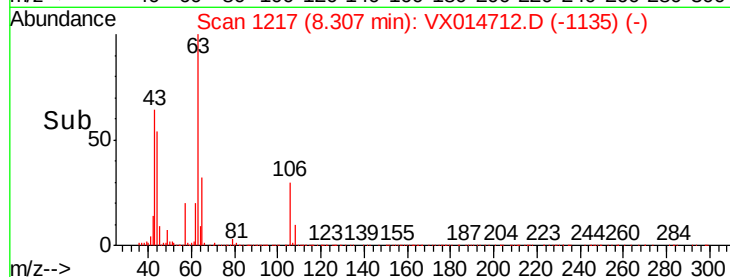
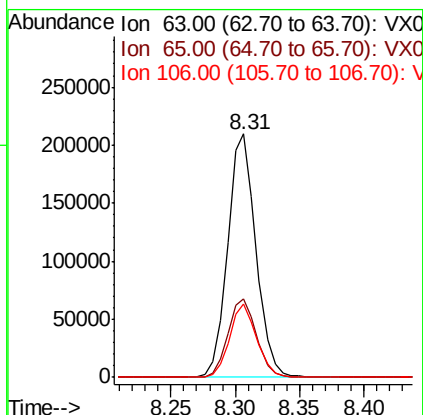
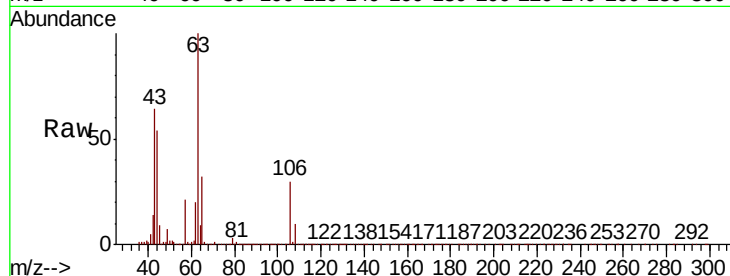
Tot Ion: 63 Resp: 319751

Ion Ratio Lower Upper

63 100

65 32.6 25.8 38.6

106 29.3 22.9 34.3



#56

Bromoform

Concen: 18.816 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

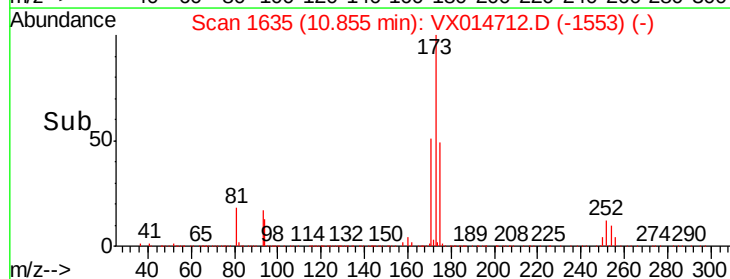
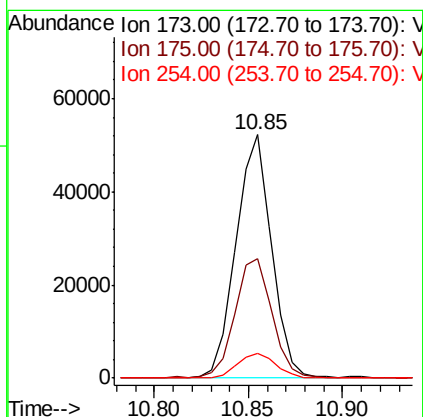
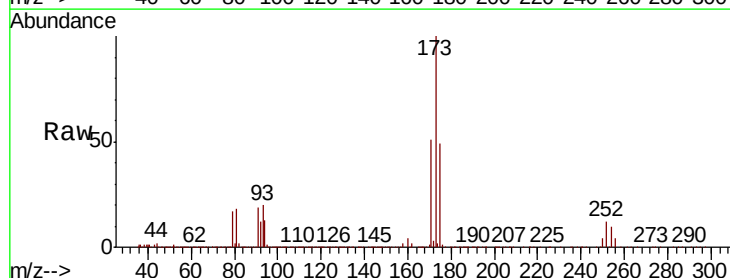
Tgt Ion: 173 Resp: 68353

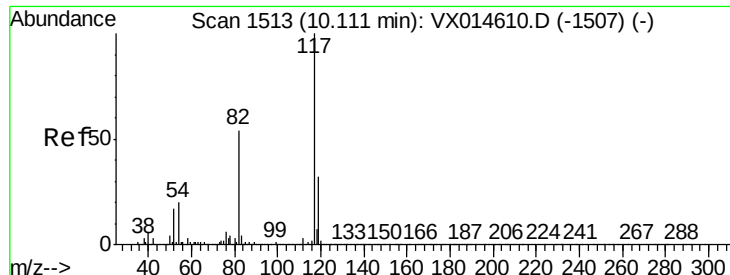
Ion Ratio Lower Upper

173 100

175 51.0 39.5 59.3

254 11.1 8.2 12.4

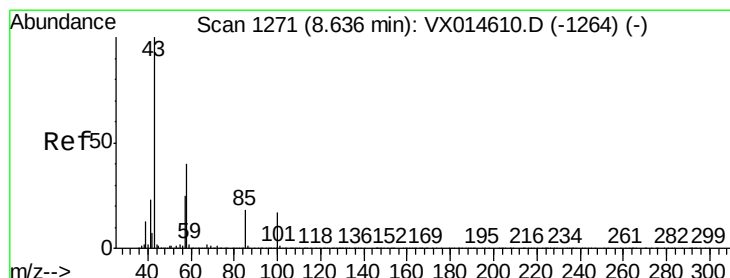
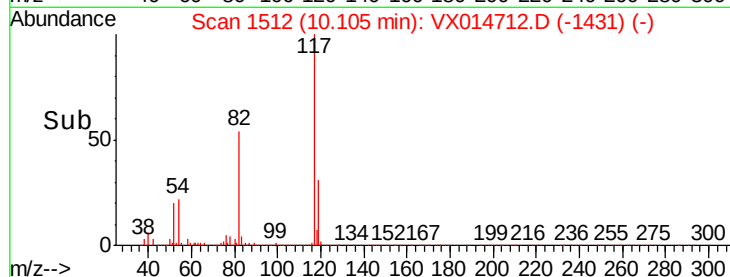
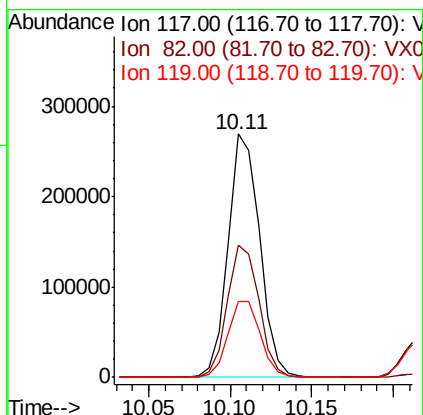
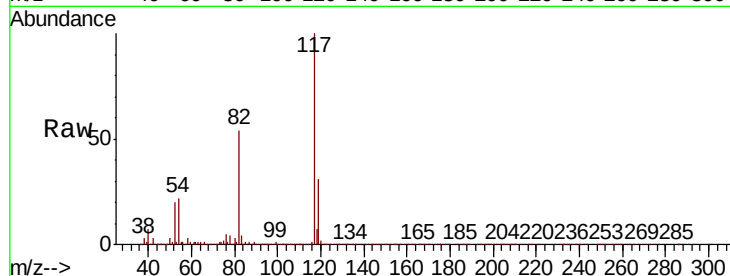




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

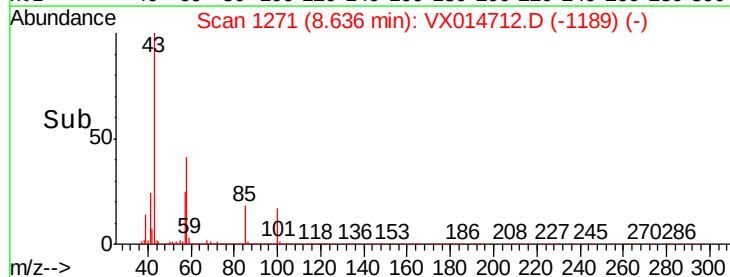
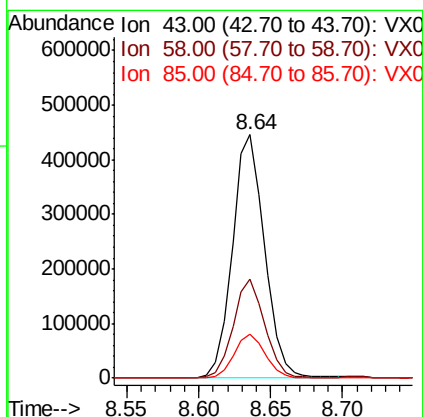
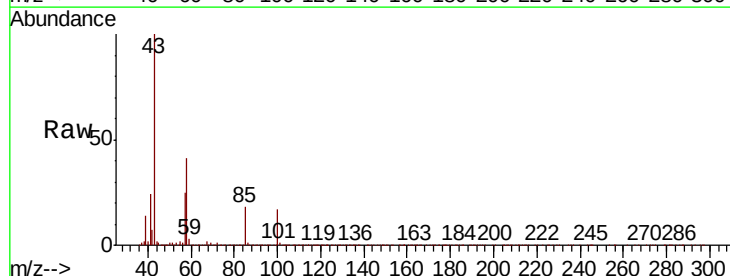
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

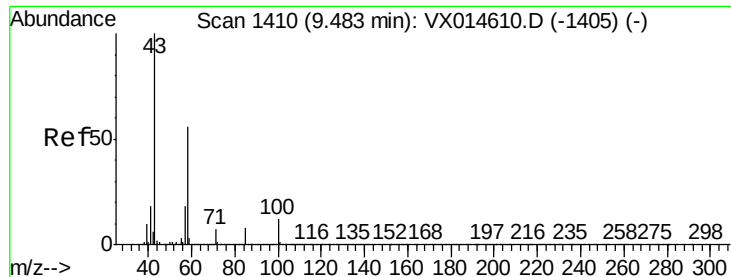
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 101.448 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.5	14.2	21.2

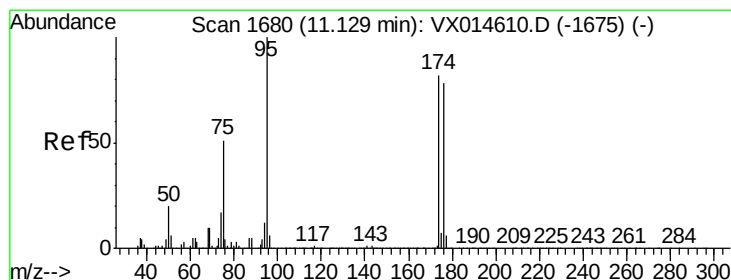
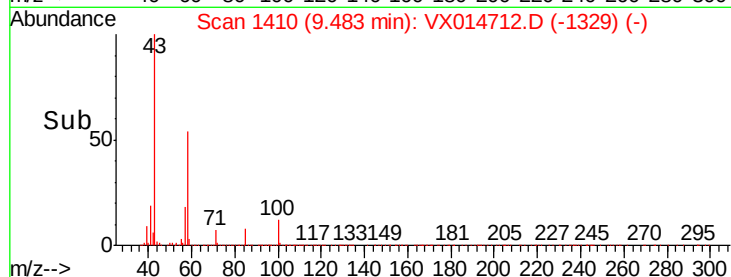
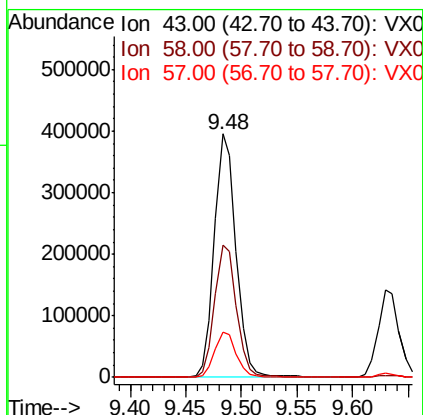
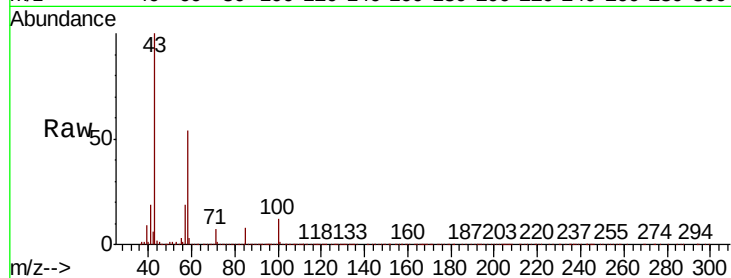




#59
2-Hexanone
Concen: 101.331 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

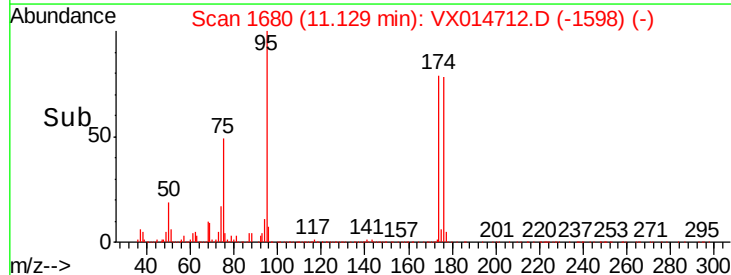
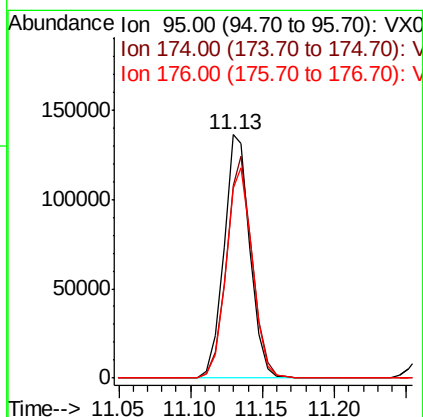
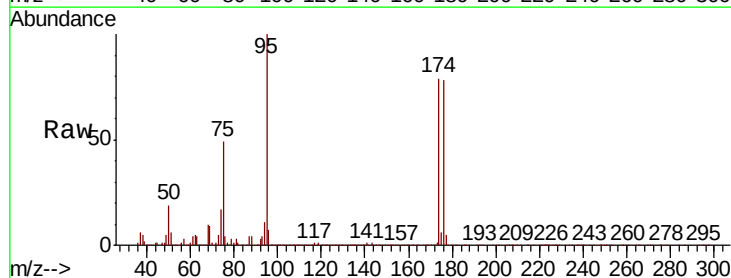
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

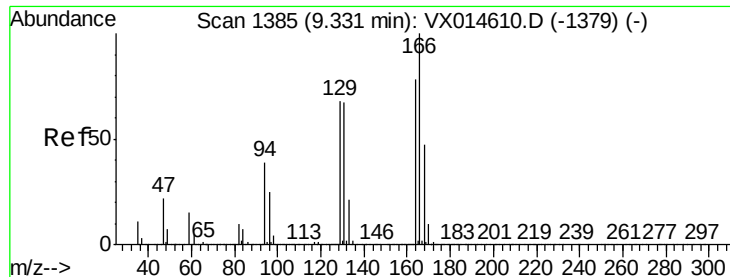
Tot Ion: 43 Resp: 535254
Ion Ratio Lower Upper
43 100
58 54.6 43.8 65.6
57 18.3 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.854 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 95 Resp: 173264
Ion Ratio Lower Upper
95 100
174 89.7 70.2 105.2
176 87.0 68.3 102.5





#61

Tetrachloroethene

Concen: 26.516 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 142145

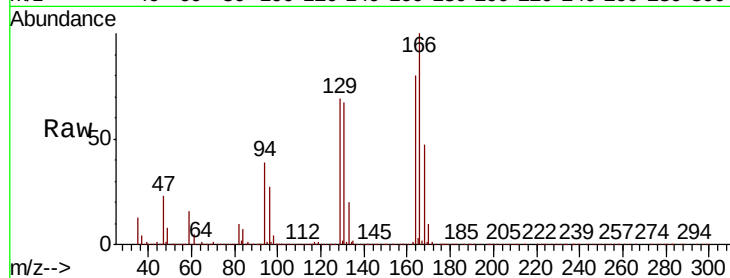
Ion Ratio Lower Upper

164 100

166 125.3 104.2 156.2

129 87.0 71.6 107.4

131 83.6 71.7 107.5



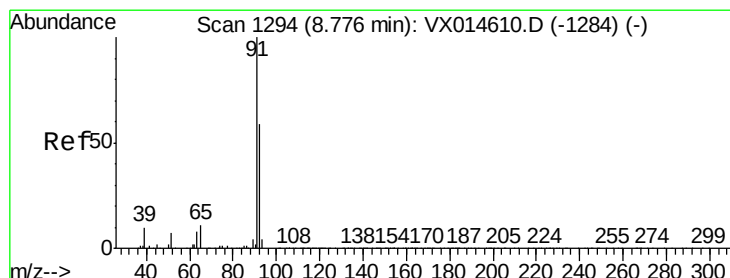
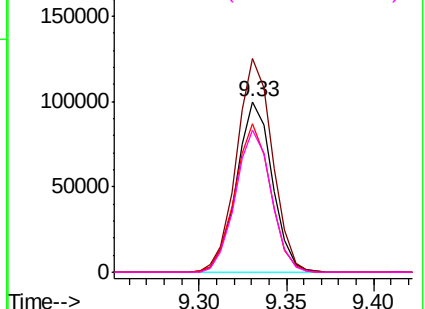
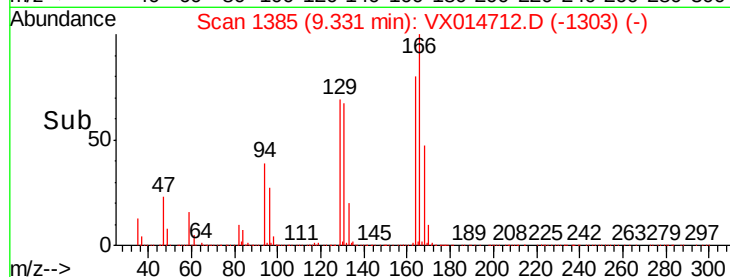
Abundance

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: 20.136 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014712.D

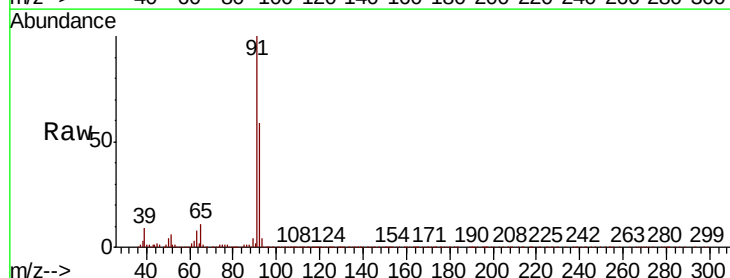
Acq: 24 Jan 2020 21:12

Tgt Ion: 91 Resp: 387474

Ion Ratio Lower Upper

91 100

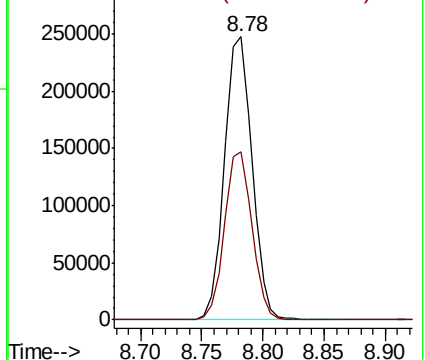
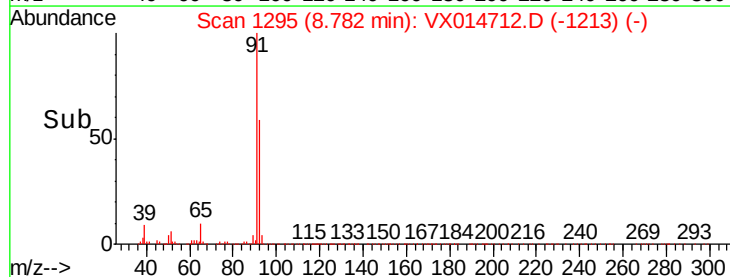
92 59.3 46.4 69.6

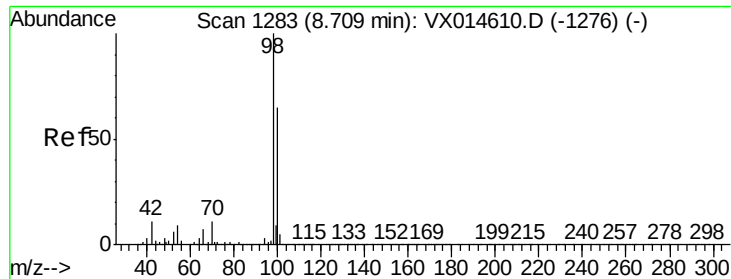


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.034 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

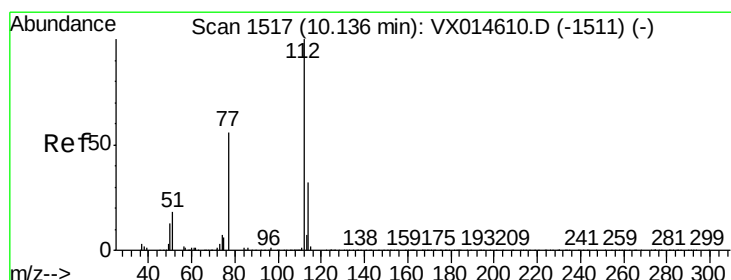
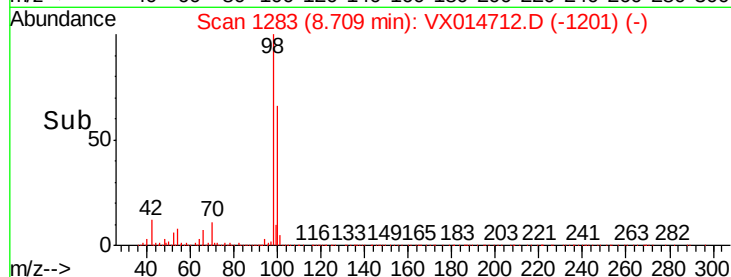
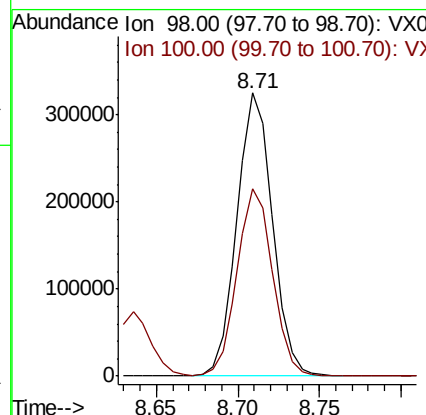
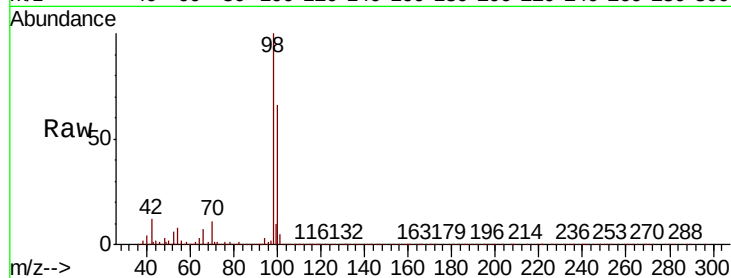
VSTDCCC020EC

Tot Ion: 98 Resp: 492040

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2



#64

Chlorobenzene

Concen: 20.239 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014712.D

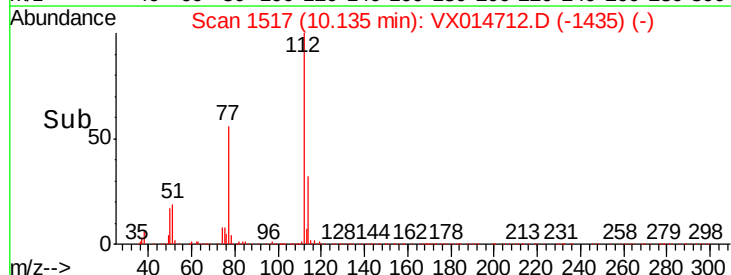
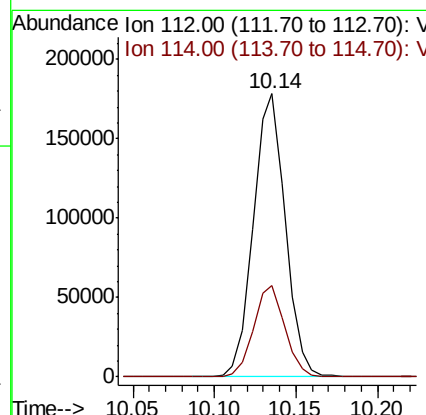
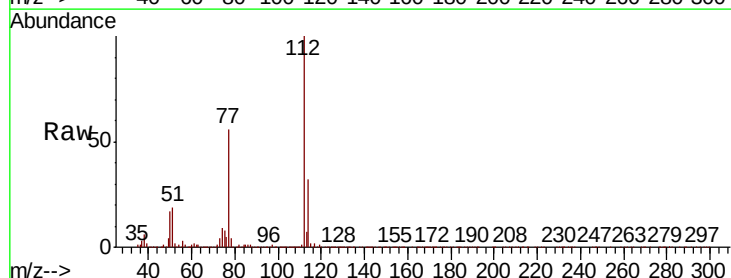
Acq: 24 Jan 2020 21:12

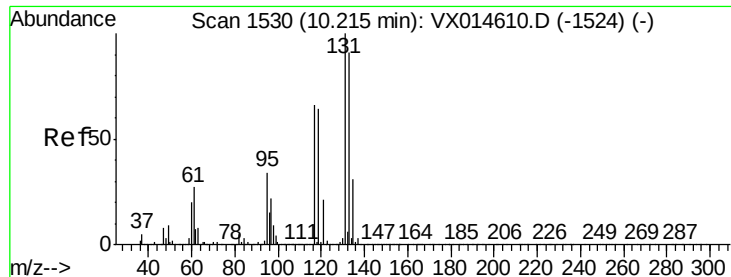
Tgt Ion: 112 Resp: 243112

Ion Ratio Lower Upper

112 100

114 32.4 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.160 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

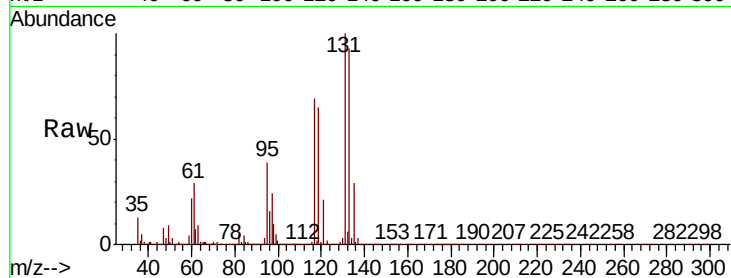
Tot Ion:131 Resp: 89439

Ion Ratio Lower Upper

131 100

133 94.4 0.0 189.8

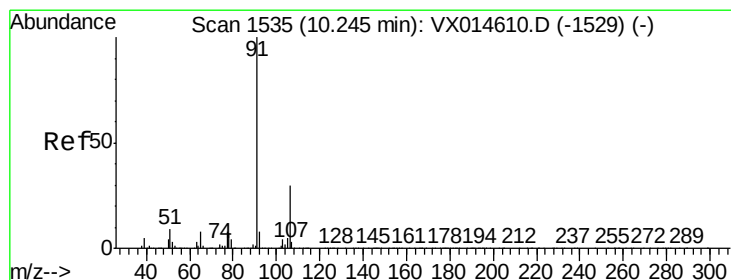
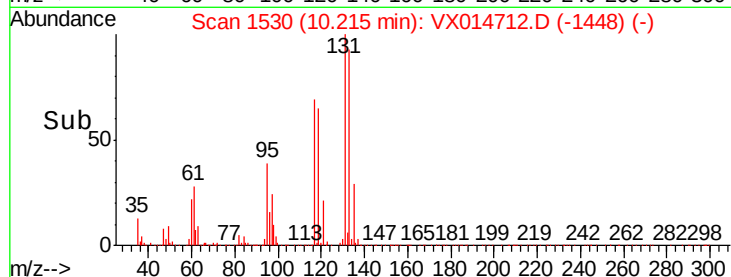
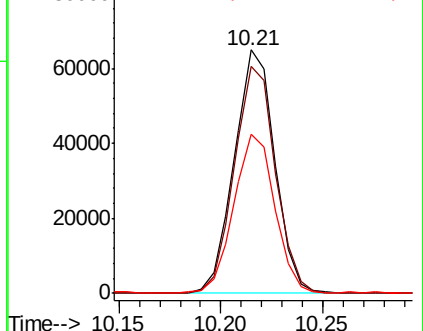
119 66.3 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.072 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014712.D

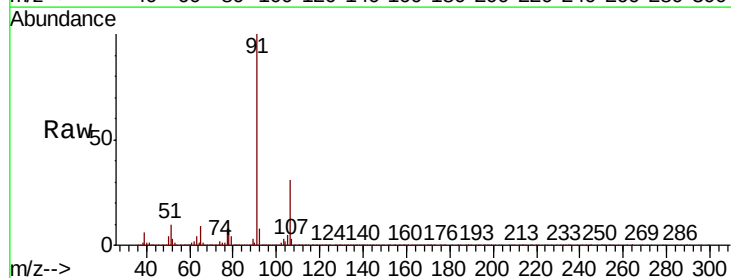
Acq: 24 Jan 2020 21:12

Tgt Ion: 91 Resp: 420692

Ion Ratio Lower Upper

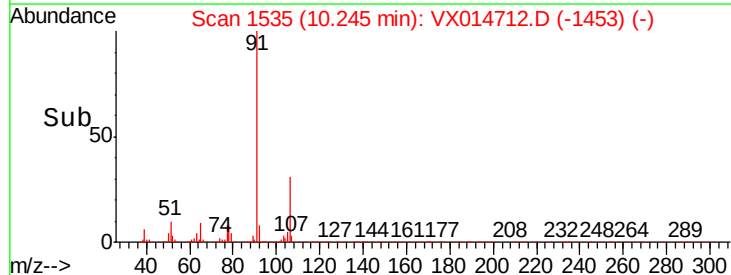
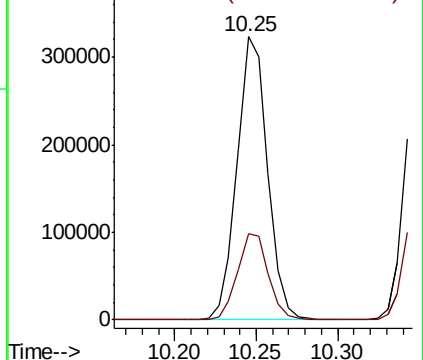
91 100

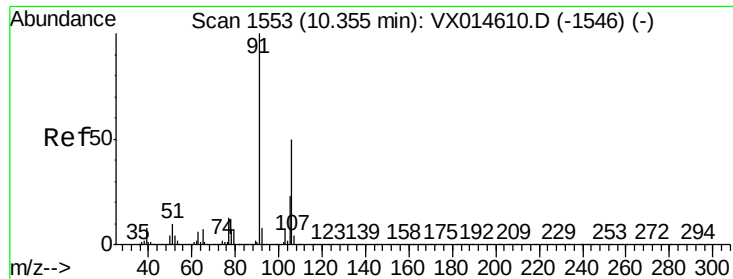
106 30.5 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

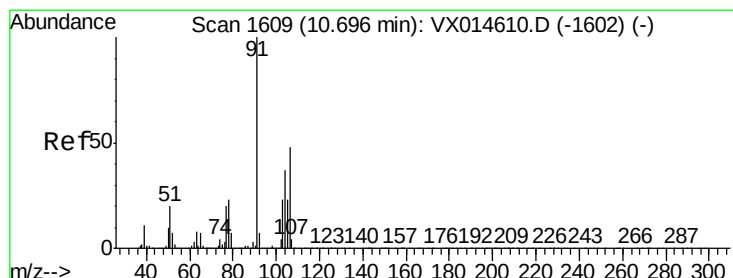
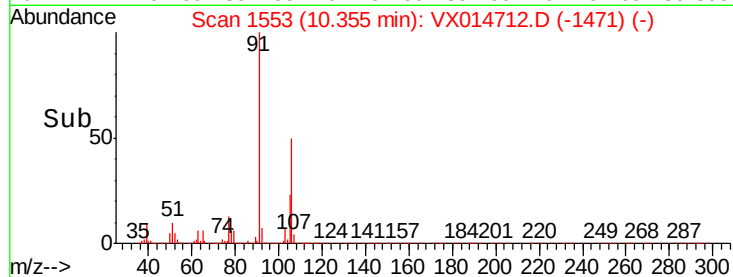
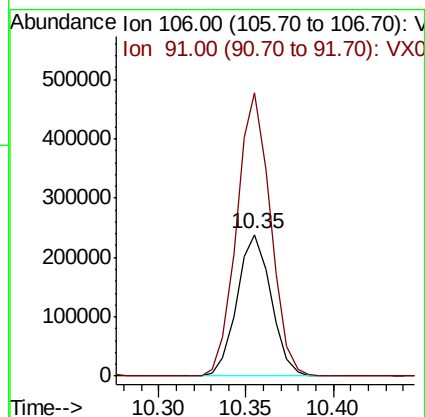
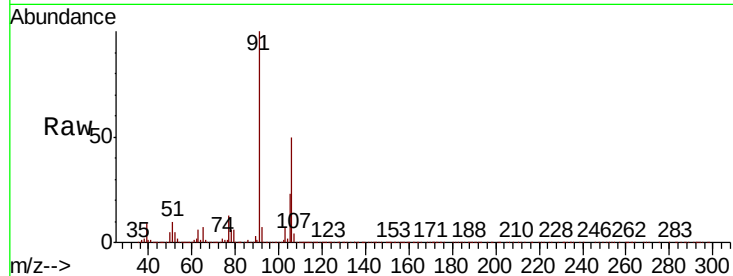




#67
m/p-Xylenes
Concen: 40.294 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

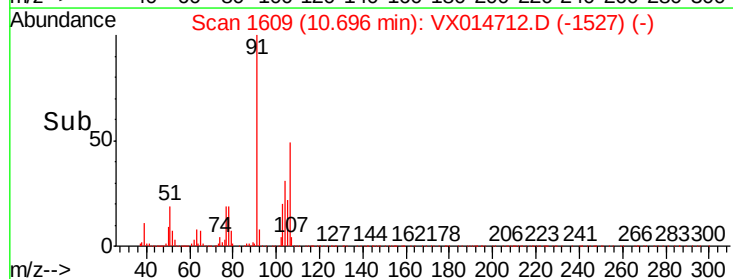
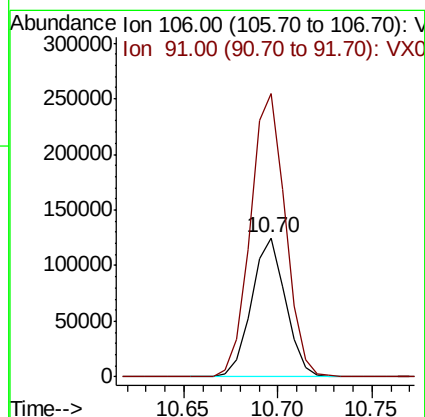
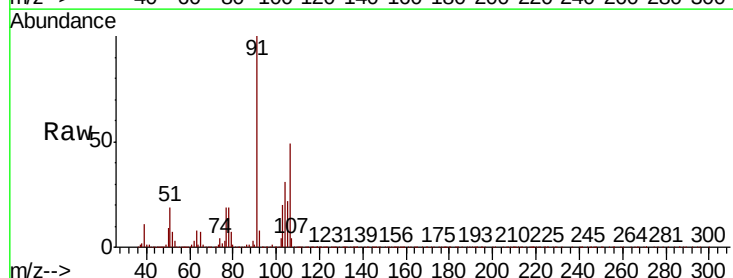
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

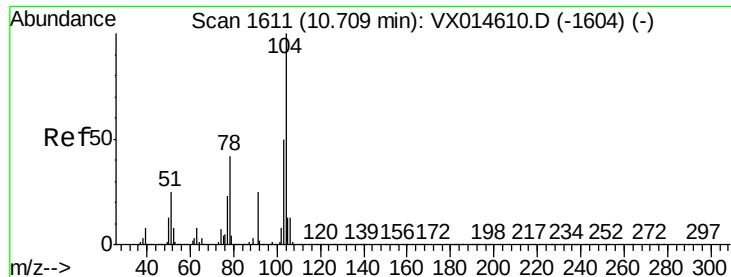
Tot Ion:106 Resp: 323490
Ion Ratio Lower Upper
106 100
91 198.1 159.3 238.9



#68
o-Xylene
Concen: 19.957 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion:106 Resp: 156013
Ion Ratio Lower Upper
106 100
91 209.5 104.8 314.6

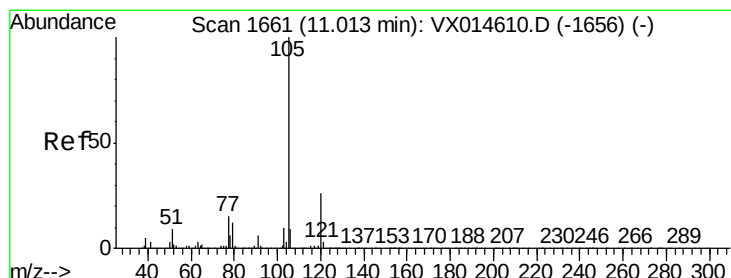
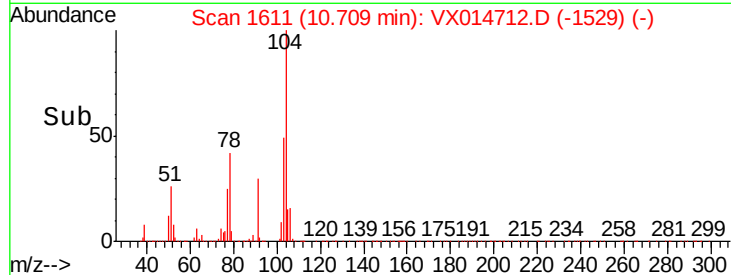
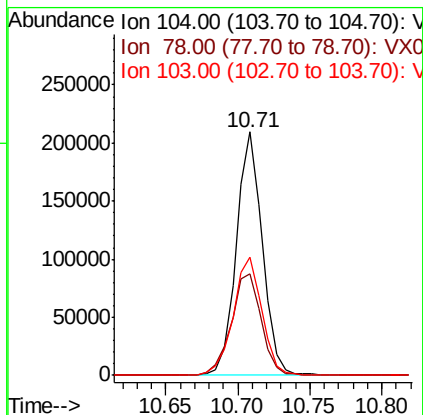
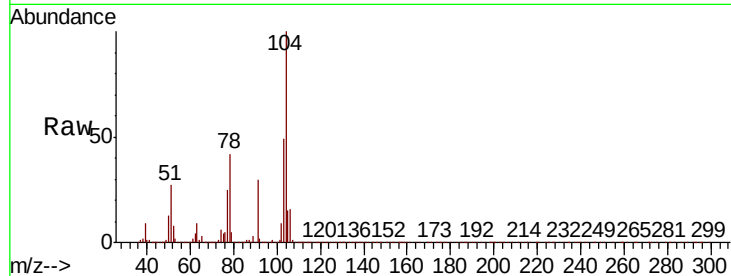




#69
Stvrene
Concen: 19.862 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

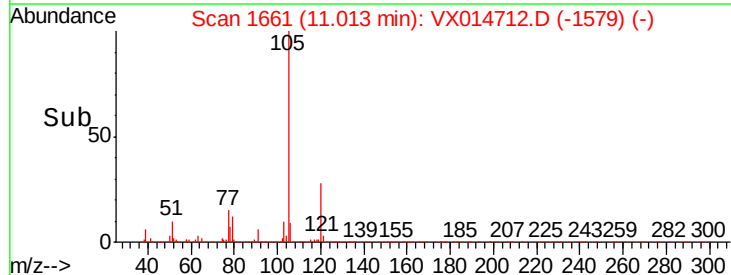
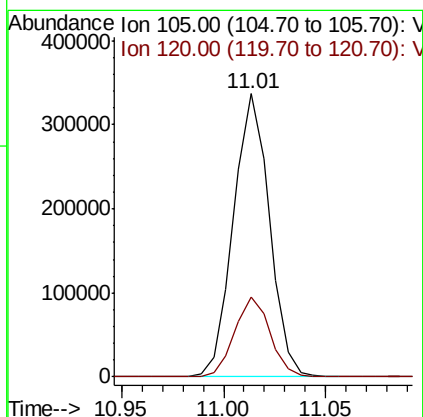
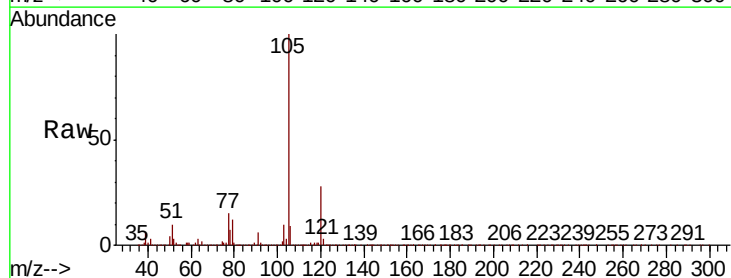
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

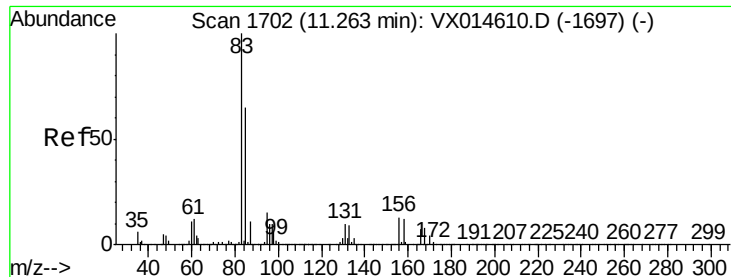
Tot Ion:104 Resp: 263090
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 54.0 44.2 66.2



#70
Isopropylbenzene
Concen: 20.055 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion:105 Resp: 410730
Ion Ratio Lower Upper
105 100
120 27.6 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 18.197 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

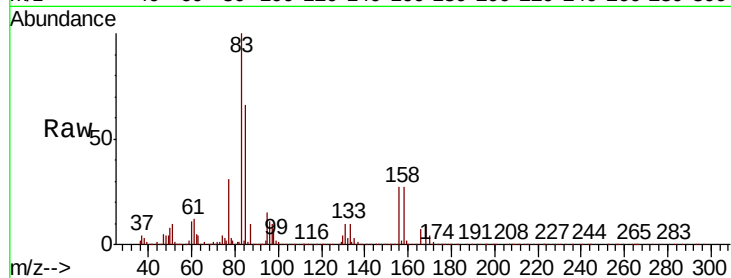
Tot Ion: 83 Resp: 125541

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

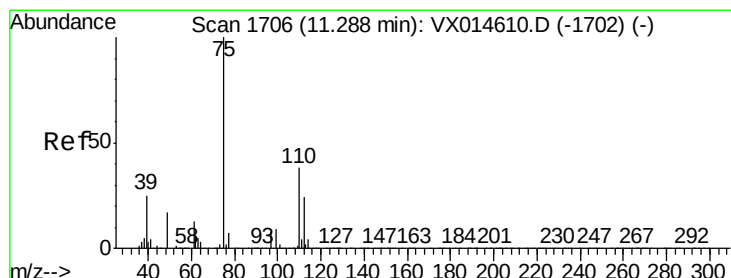
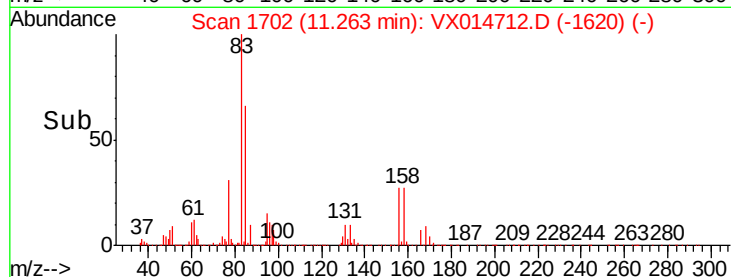
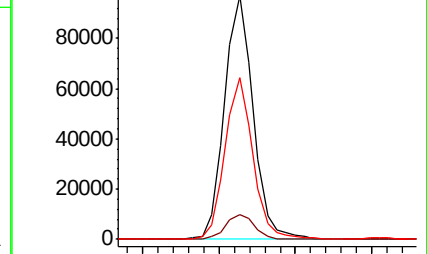
85 65.1 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.177 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014712.D

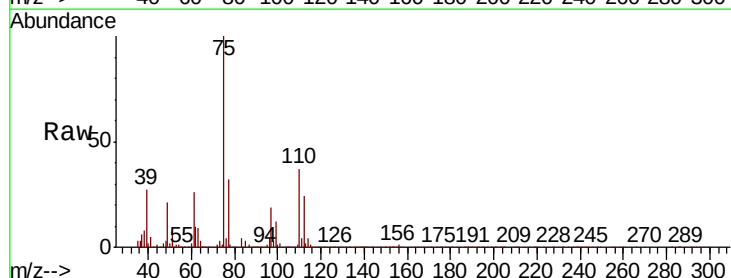
Acq: 24 Jan 2020 21:12

Tgt Ion: 75 Resp: 154473

Ion Ratio Lower Upper

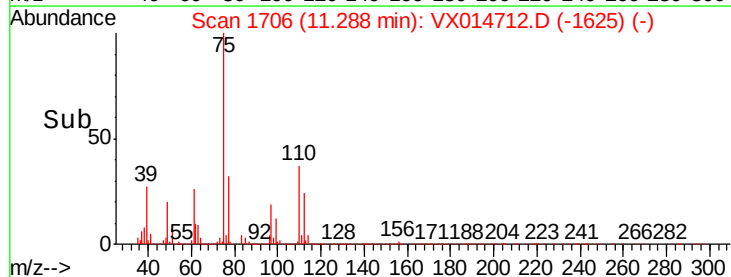
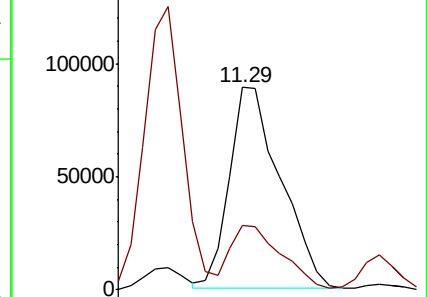
75 100

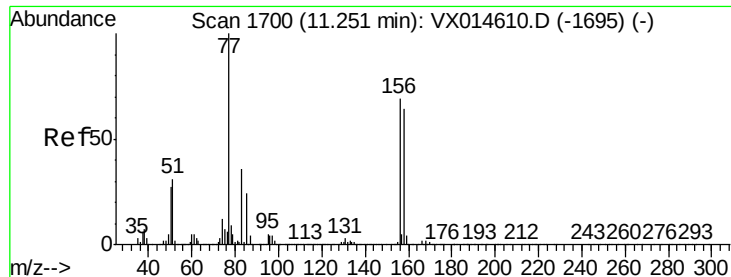
77 30.3 0.0 68.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.983 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

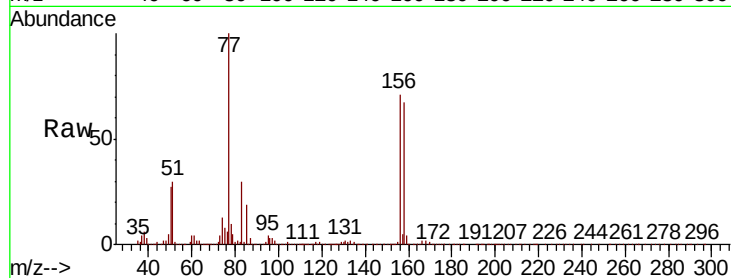
Tot Ion:156 Resp: 108488

Ion Ratio Lower Upper

156 100

77 151.2 0.0 304.6

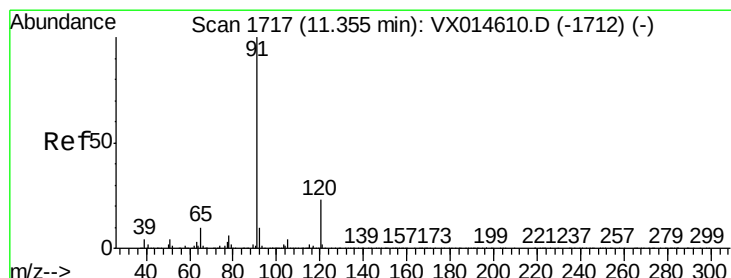
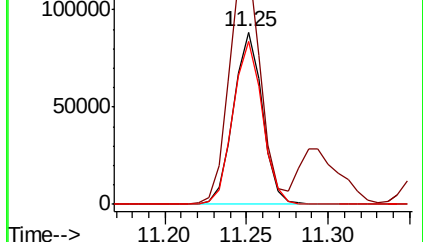
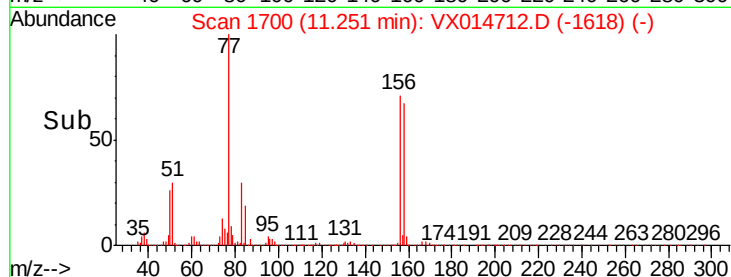
158 97.1 0.0 195.2



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: 19.884 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014712.D

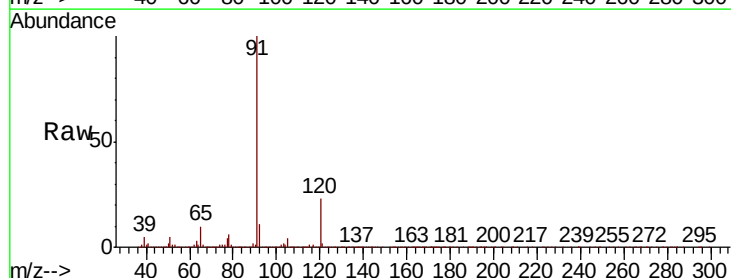
Acq: 24 Jan 2020 21:12

Tgt Ion: 91 Resp: 465352

Ion Ratio Lower Upper

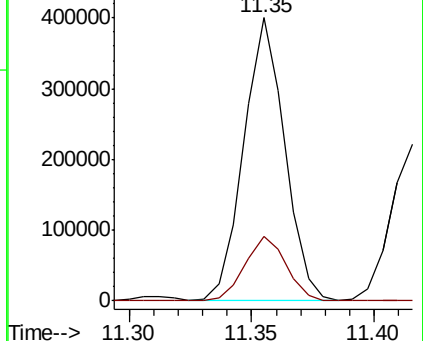
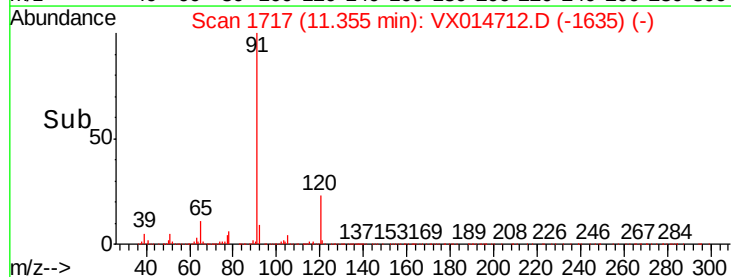
91 100

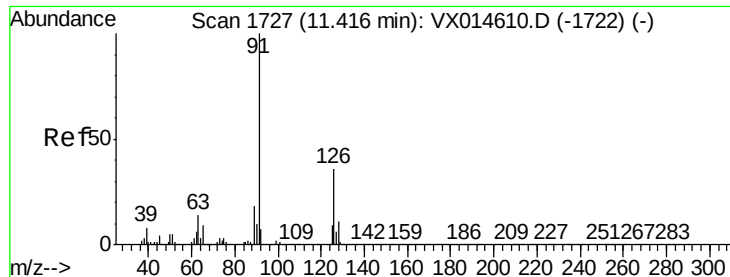
120 23.1 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.949 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

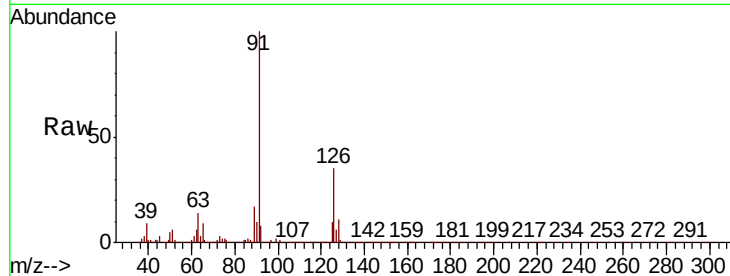
VSTDCCC020EC

Tot Ion: 91 Resp: 279797

Ion Ratio Lower Upper

91 100

126 34.7 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX014610.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX014610.D (-1722) (-)

400000

300000

200000

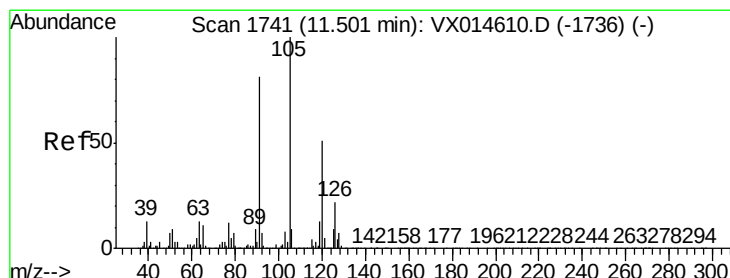
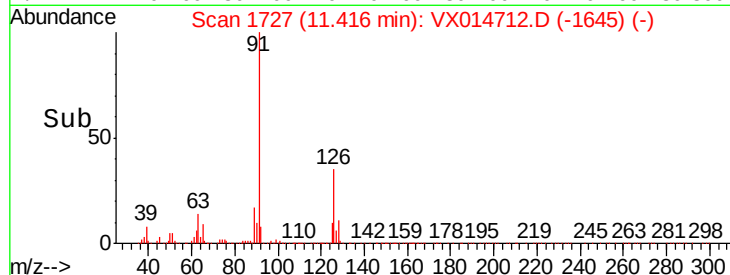
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.911 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014712.D

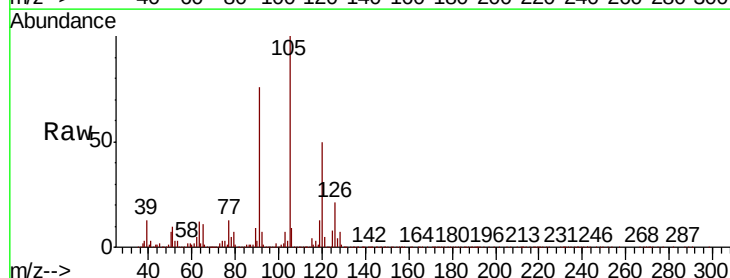
Acq: 24 Jan 2020 21:12

Tgt Ion: 105 Resp: 339802

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX014610.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX014610.D (-1736) (-)

300000

200000

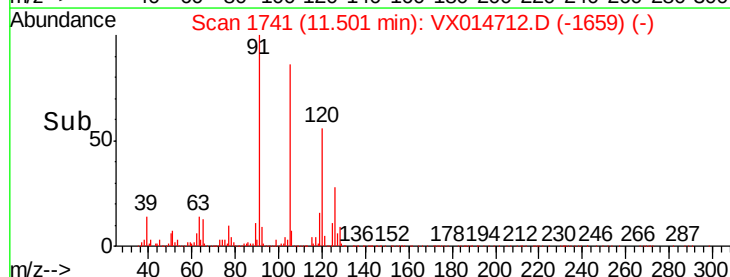
100000

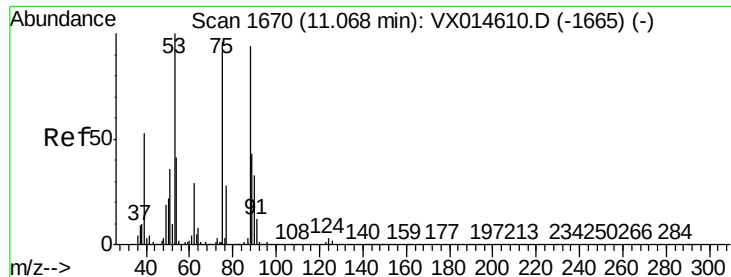
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.025 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

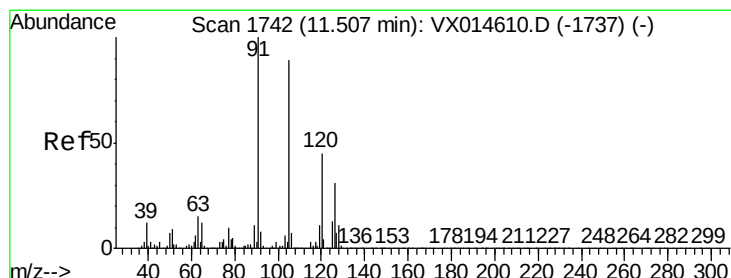
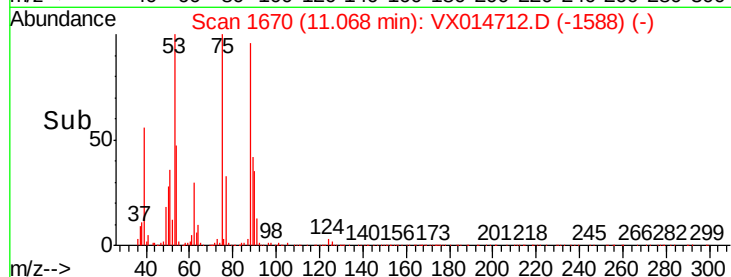
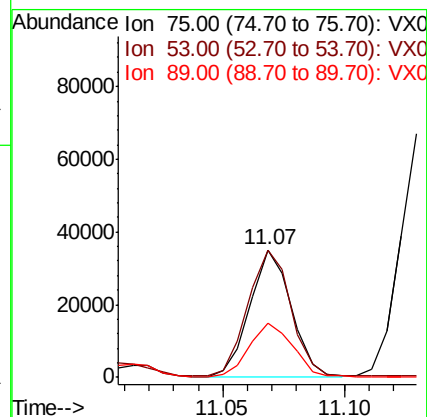
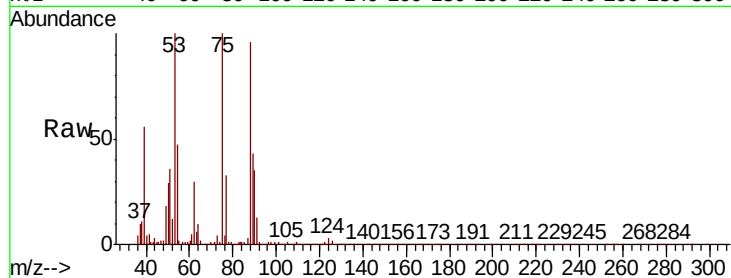
Tot Ion: 75 Resp: 40938

Ion Ratio Lower Upper

75 100

53 100.0 54.4 163.1

89 42.4 21.9 65.5



#78

4-Chlorotoluene

Concen: 19.847 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014712.D

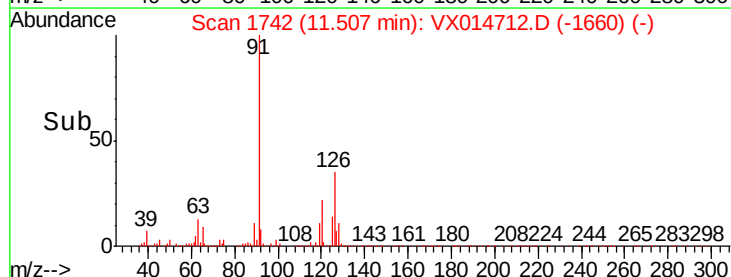
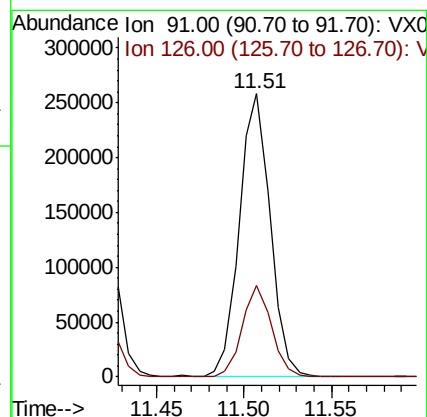
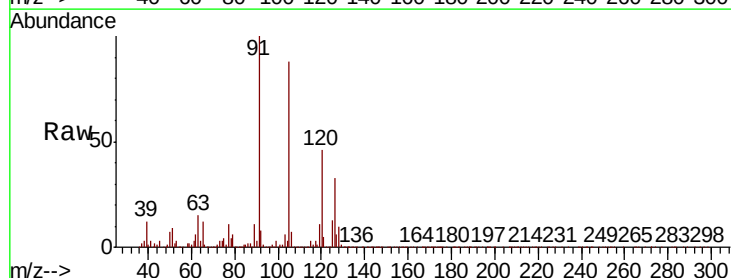
Acq: 24 Jan 2020 21:12

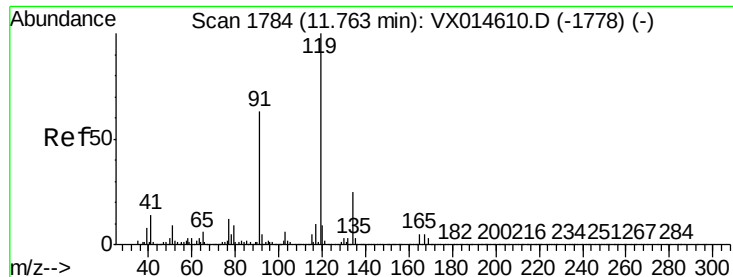
Tgt Ion: 91 Resp: 316141

Ion Ratio Lower Upper

91 100

126 30.4 0.0 59.6





#79

tert-butylbenzene

Concen: 17.985 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

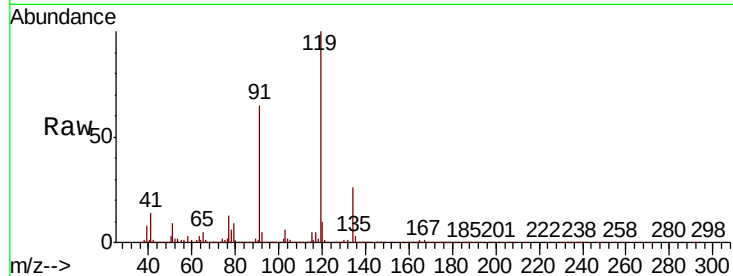
Tot Ion:119 Resp: 287192

Ion Ratio Lower Upper

119 100

91 64.2 0.0 112.6

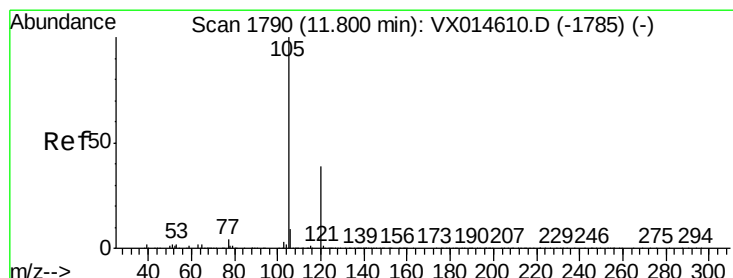
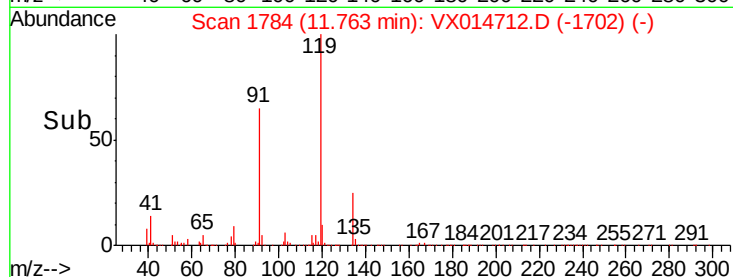
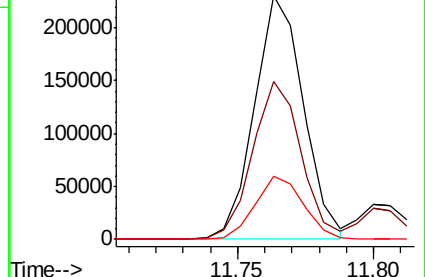
134 25.7 0.0 49.8



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: 19.849 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014712.D

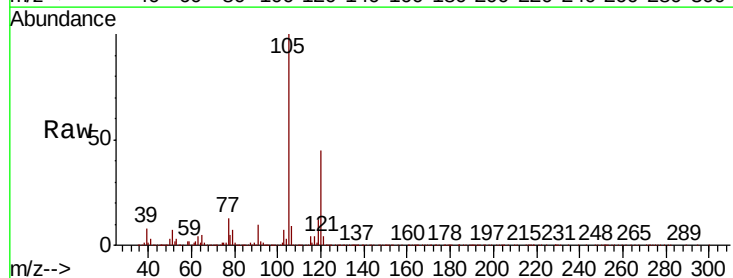
Acq: 24 Jan 2020 21:12

Tgt Ion:105 Resp: 337853

Ion Ratio Lower Upper

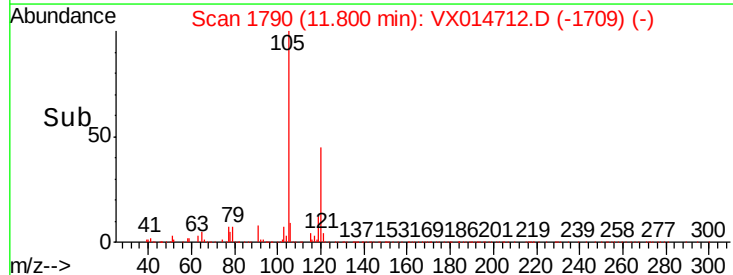
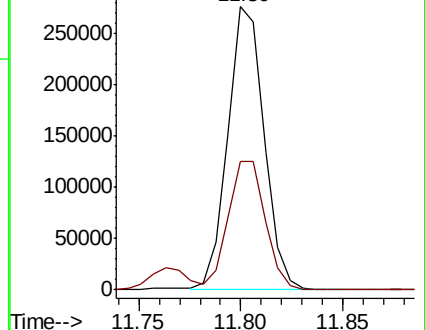
105 100

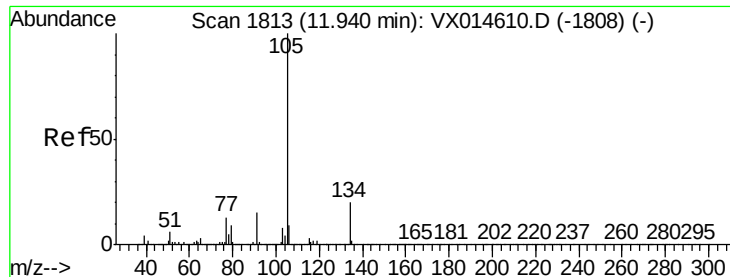
120 46.7 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

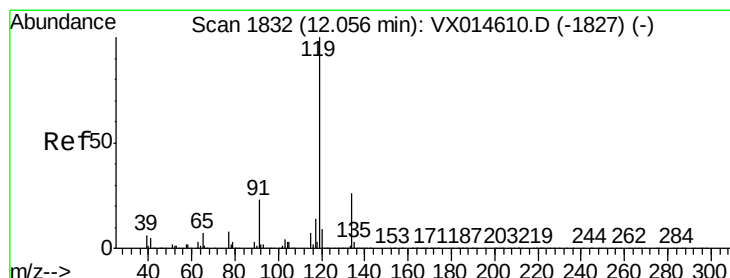
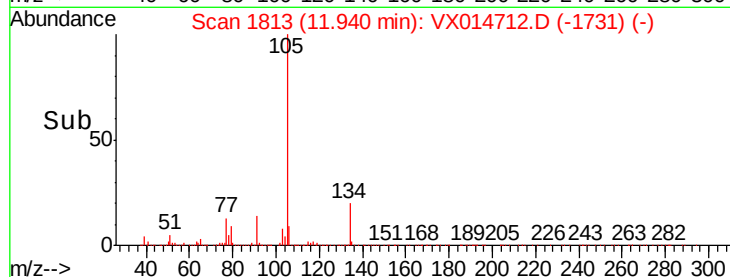
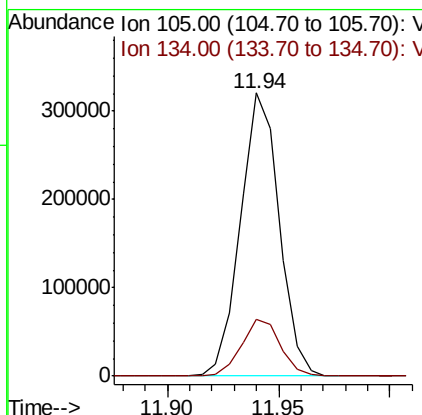
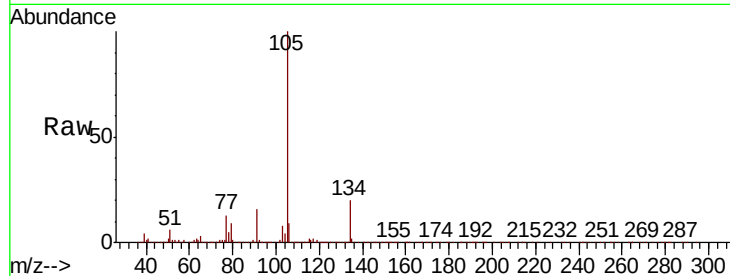




#81
 sec-Butylbenzene
 Concen: 19.708 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

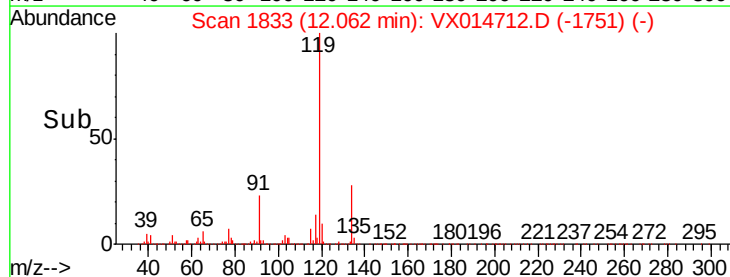
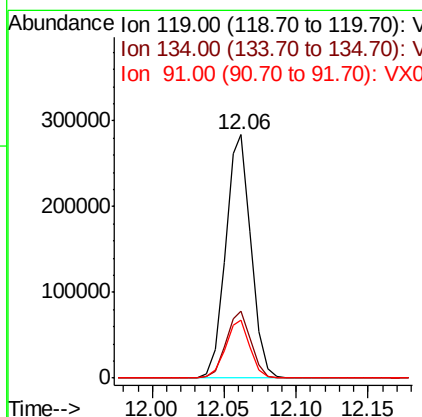
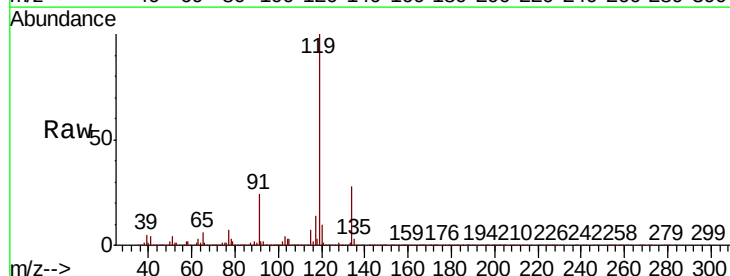
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

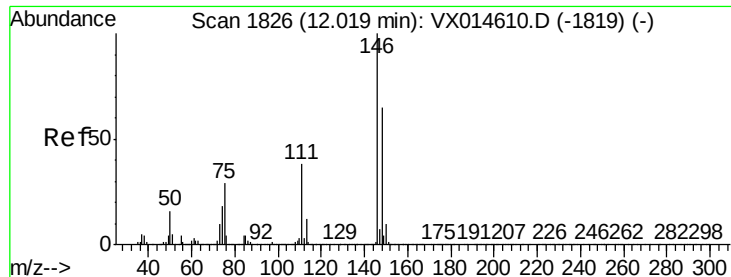
Tot Ion:105 Resp: 389406
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 19.454 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion:119 Resp: 350922
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.8
 91 22.8 0.0 45.0

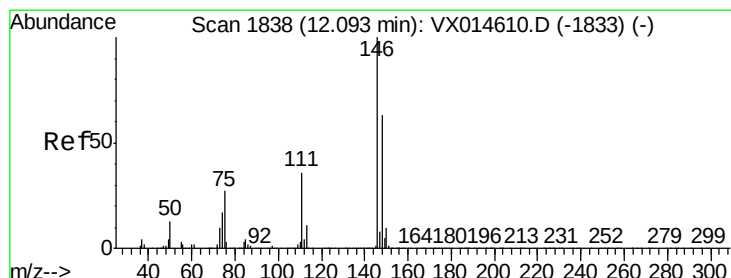
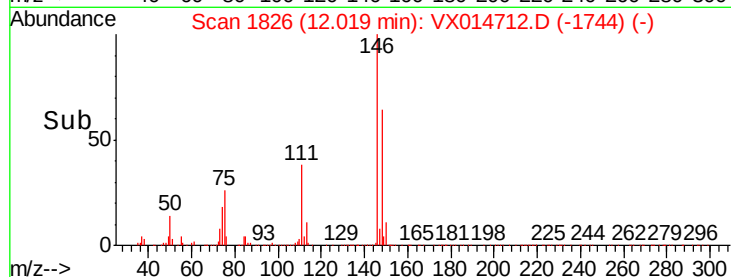
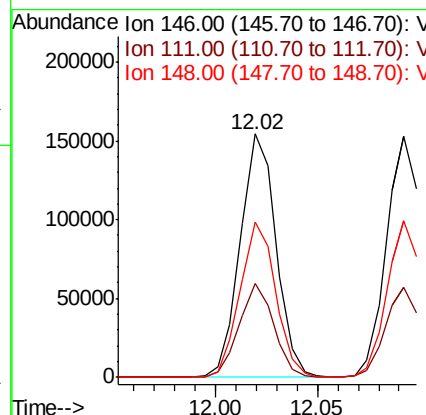
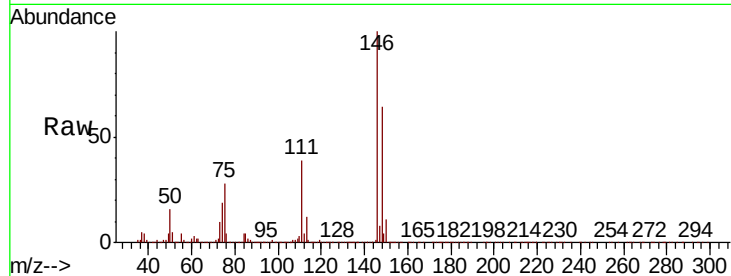




#83
 1,3-Dichlorobenzene
 Concen: 19.879 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

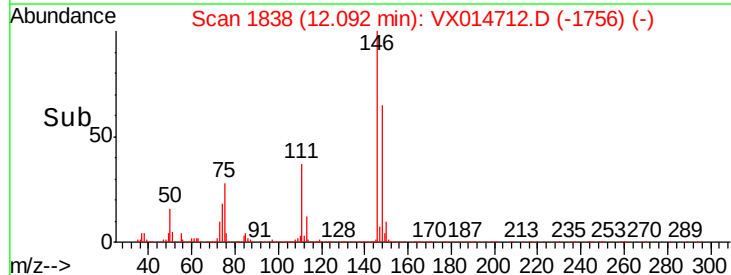
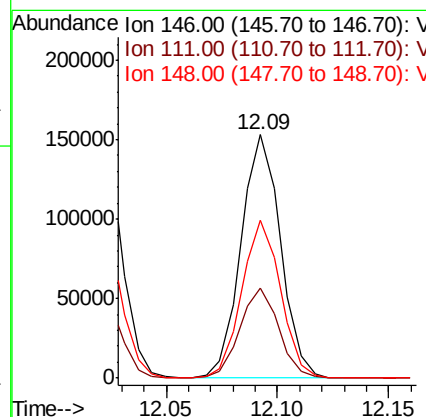
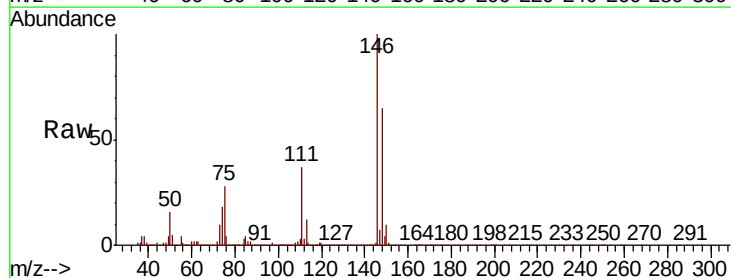
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

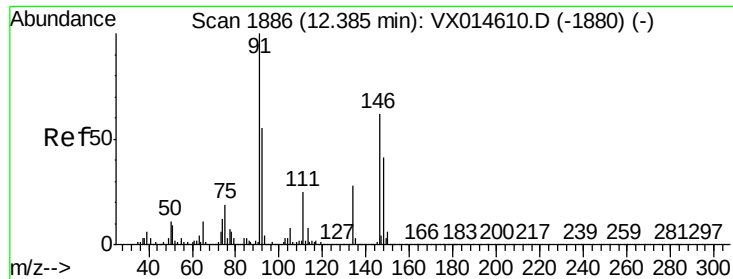
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.3	57.9
148	63.1	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.160 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.4
148	63.8	32.0	96.0

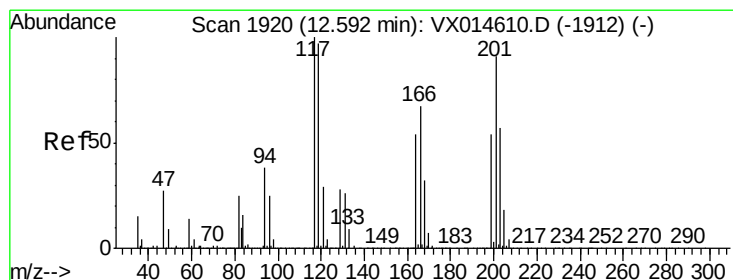
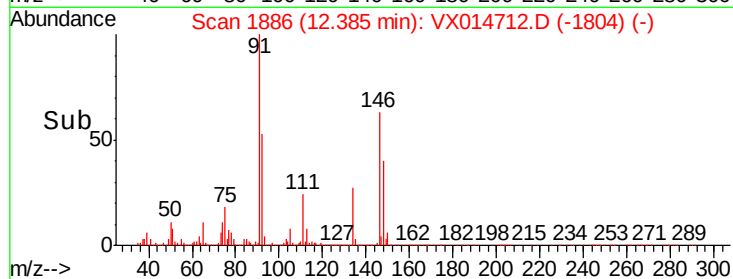
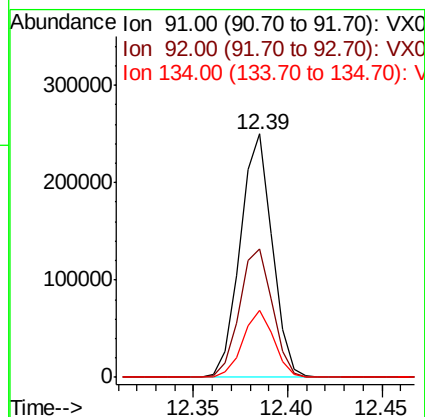
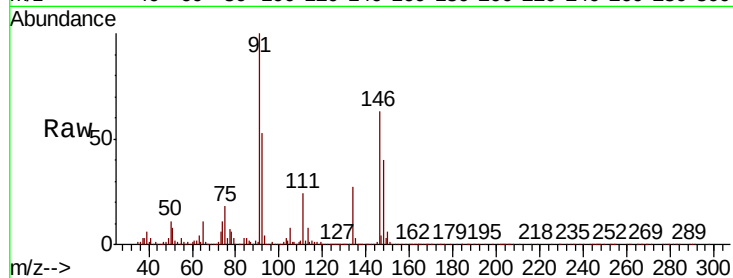




#85
n-Butylbenzene
Concen: 18.590 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

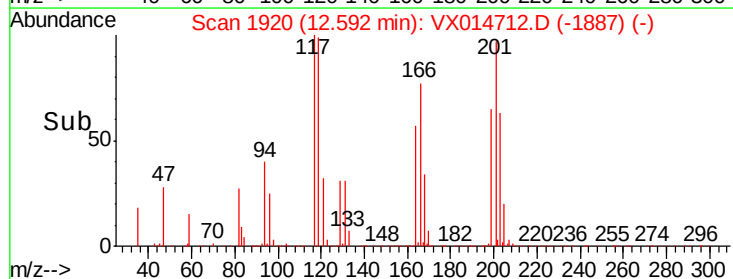
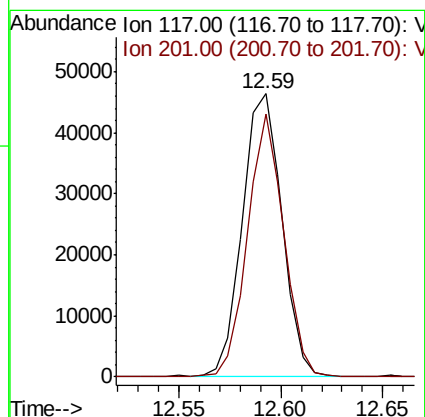
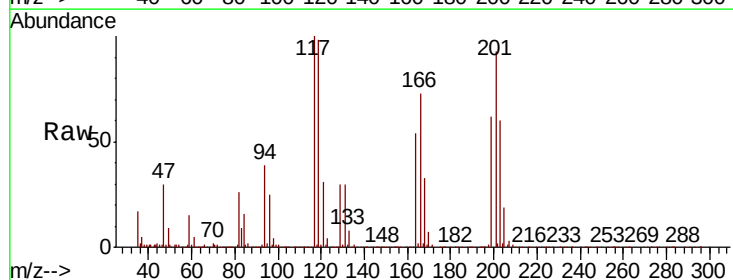
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

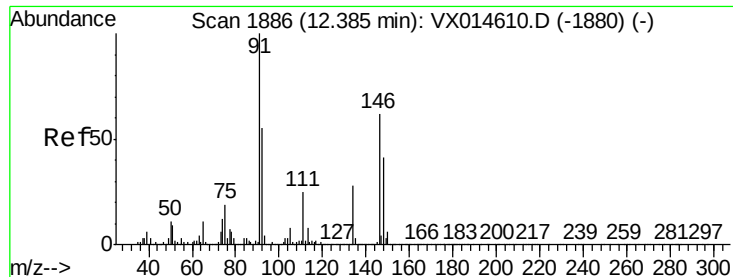
Tot Ion: 91 Resp: 293407
Ion Ratio Lower Upper
91 100
92 54.3 0.0 109.0
134 26.9 0.0 54.0



#86
Hexachloroethane
Concen: 19.179 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion: 117 Resp: 62037
Ion Ratio Lower Upper
117 100
201 85.5 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 19.981 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

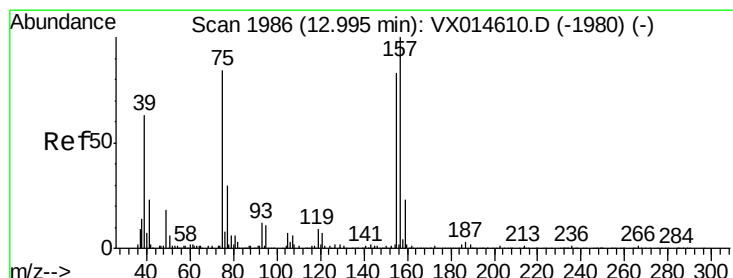
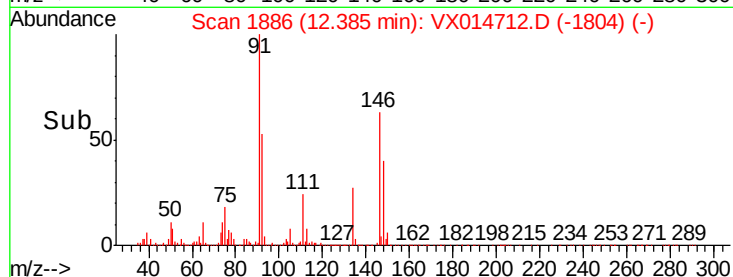
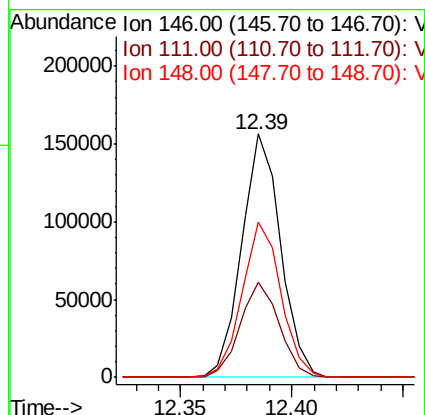
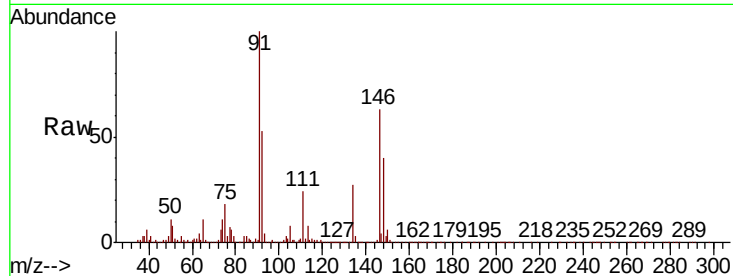
Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:146 Resp: 191118

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	64.0	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.633 ug/l

RT: 12.99 min Scan# 1986

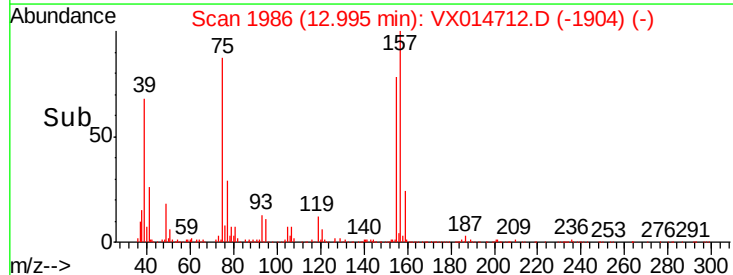
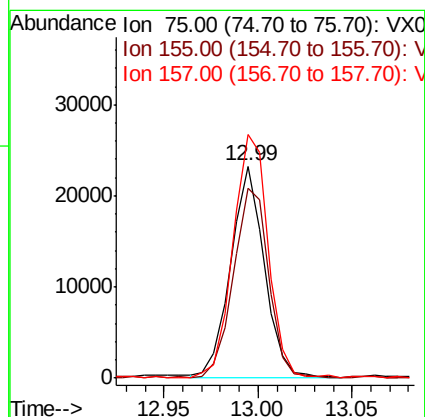
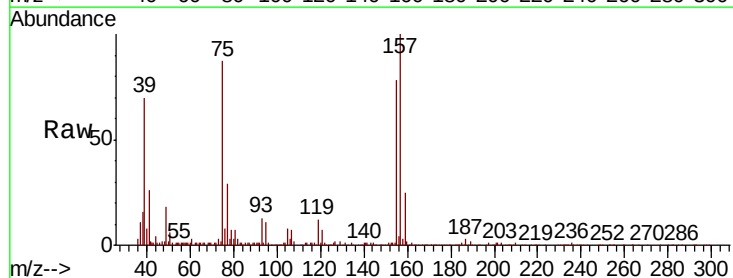
Delta R.T. 0.00 min

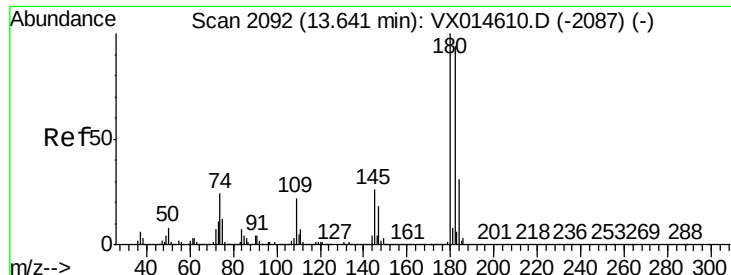
Lab File: VX014712.D

Acq: 24 Jan 2020 21:12

Tgt Ion: 75 Resp: 28933

Ion	Ratio	Lower	Upper
75	100		
155	93.7	73.8	110.6
157	118.7	95.0	142.4

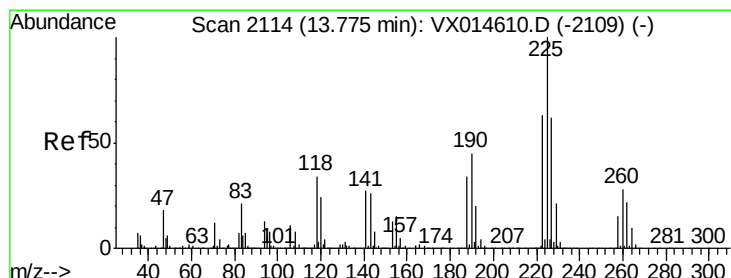
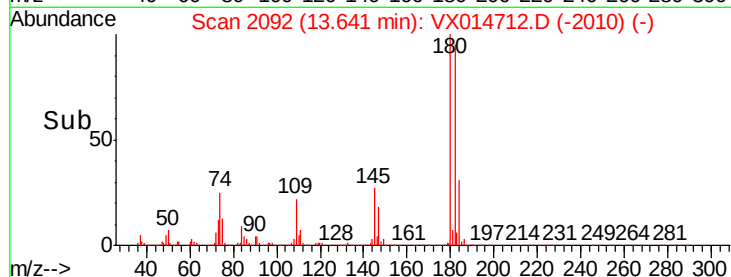
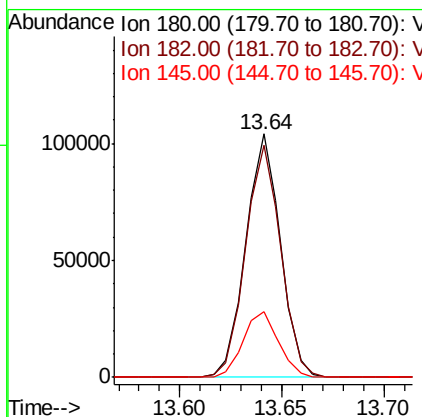
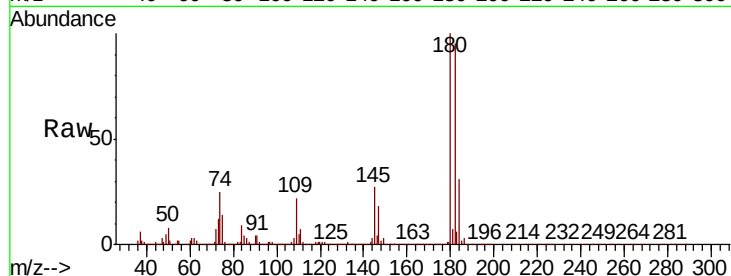




#89
 1,2,4-Trichlorobenzene
 Concen: 19.446 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

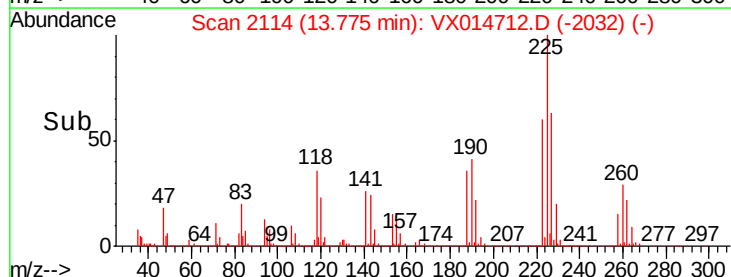
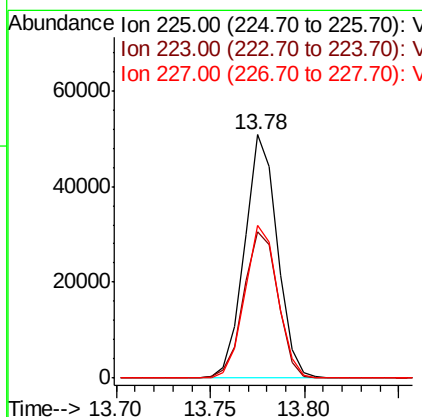
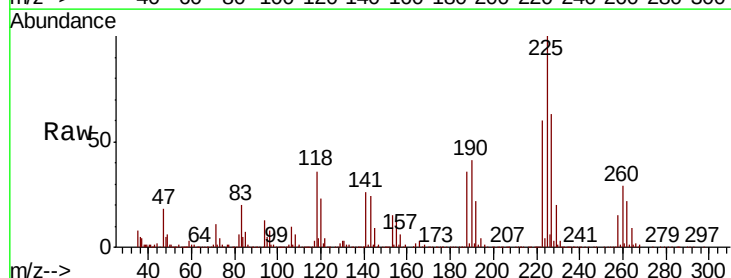
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

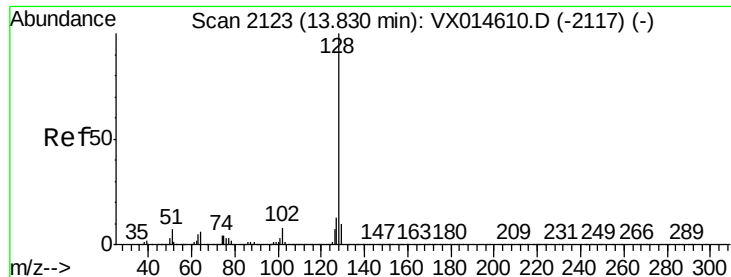
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.4	114.6
145	27.7	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 19.406 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014712.D
 Acq: 24 Jan 2020 21:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	127.4
227	63.1	0.0	122.8

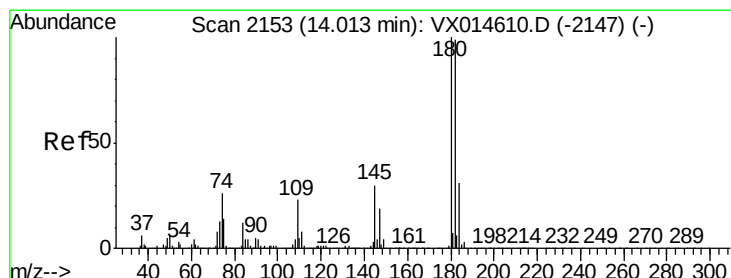
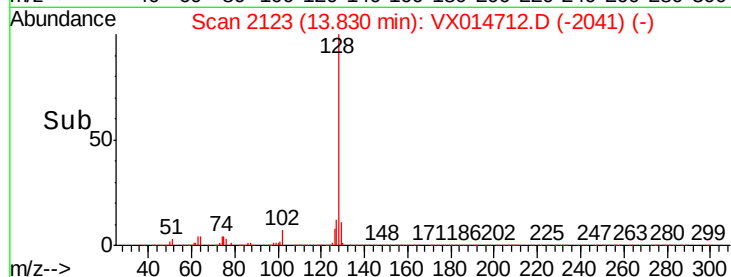
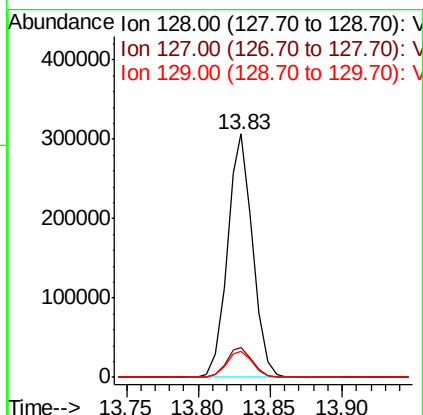
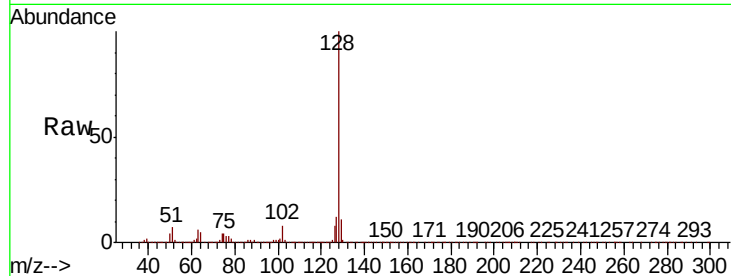




#91
Naphthalene
Concen: 19.648 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 374445
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.723 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014712.D
Acq: 24 Jan 2020 21:12

Tgt Ion:180 Resp: 126743
Ion Ratio Lower Upper
180 100
182 96.6 0.0 192.8
145 29.8 0.0 60.0

