

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014690.D
 Acq On : 24 Jan 2020 11:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jan 24 22:24:39 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	5.00	128	69163	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	368202	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	340465	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	149769	30.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.70%
60) 4-Bromofluorobenzene	11.13	95	164435	30.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.60%
63) Toluene-d8	8.71	98	459553	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	84817	17.745	ug/l 99
3) Chloromethane	1.32	50	98398	18.803	ug/l 97
4) Vinyl Chloride	1.40	62	106823	18.180	ug/l 99
5) Bromomethane	1.64	94	66542	18.148	ug/l 97
6) Chloroethane	1.72	64	62087	18.744	ug/l 99
7) Trichlorofluoromethane	1.92	101	116956	17.976	ug/l 99
8) Diethyl Ether	2.18	74	58479	20.578	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68731	18.056	ug/l 100
10) 1,1-Dichloroethene	2.37	96	68444	17.876	ug/l 95
11) Methyl Iodide	2.50	142	96896	18.871	ug/l 99
12) Methyl Acetate	2.76	43	147147	21.275	ug/l 98
13) Acrolein	2.28	56	87278	120.136	ug/l 96
14) Acrylonitrile	3.13	53	237649	100.417	ug/l 99
15) Acetone	2.43	58	82029	103.389	ug/l 87
16) Carbon Disulfide	2.56	76	185139	17.607	ug/l 97
17) Allyl chloride	2.72	41	132783	18.739	ug/l 96
18) Methylene Chloride	2.85	84	92291	20.596	ug/l 92
19) trans-1,2-Dichloroethene	3.15	96	77098	18.706	ug/l 95
20) Diisopropyl ether	3.84	45	290397	20.714	ug/l 95
21) 1,1-Dichloroethane	3.69	63	148656	19.519	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	93162	19.670	ug/l 97
23) tert-Butyl Alcohol	3.02	59	98240	100.373	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	263312	20.665	ug/l 100
25) Chloroform	5.20	83	149722	20.294	ug/l 96
26) Cyclohexane	5.56	56	121905	17.353	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	100808	18.668	ug/l 99
30) 2-Butanone	4.65	43	358389	104.771	ug/l 99
31) 2,2-Dichloropropane	4.58	77	111416	19.283	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	114437	19.155	ug/l 99
33) Carbon Tetrachloride	5.78	117	93893	18.307	ug/l 97
34) Benzene	6.13	78	335654	20.115	ug/l 96
35) Methacrylonitrile	5.02	41	69329	20.293	ug/l 99
36) 1,2-Dichloroethane	6.18	62	123858	21.329	ug/l 98
37) Trichloroethene	7.20	130	89607	19.613	ug/l 93
38) Methylcyclohexane	7.45	83	120146	17.870	ug/l 98
39) 1,2-Dichloropropane	7.50	63	88772	20.459	ug/l 96
40) Dibromomethane	7.65	93	58607	21.017	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	112124	20.532	ug/l	99
42) Vinyl Acetate	3.80	43	1104828	104.790	ug/l	99
43) Ethyl Acetate	4.81	43	128322	20.723	ug/l	100
44) Isopropyl Acetate	6.43	43	207821	20.804	ug/l	98
45) 1,4-Dioxane	7.73	88	41569	416.005	ug/l	94
46) Methyl methacrylate	7.76	41	100369	20.432	ug/l	95
47) n-amyl Acetate	10.89	43	165668	19.793	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	123742	20.755	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	138015	20.545	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	88454	20.846	ug/l	96
51) Ethyl methacrylate	9.17	69	133857	20.260	ug/l	95
52) 1,3-Dichloropropane	9.36	76	150154	20.886	ug/l	97
53) Dibromochloromethane	9.57	129	90446	20.839	ug/l	99
54) 1,2-Dibromoethane	9.67	107	93877	21.332	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	296384	97.610	ug/l	99
56) Bromoform	10.85	173	67943	20.323	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	658678	102.734	ug/l	99
59) 2-Hexanone	9.48	43	513085	103.474	ug/l	99
61) Tetrachloroethene	9.33	164	97819	19.438	ug/l	99
62) Toluene	8.78	91	358538	19.849	ug/l	99
64) Chlorobenzene	10.14	112	225887	20.032	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	82010	19.692	ug/l	97
66) Ethyl Benzene	10.25	91	380088	19.318	ug/l	98
67) m/p-Xylenes	10.35	106	295113	39.159	ug/l	99
68) o-Xylene	10.70	106	142667	19.441	ug/l	99
69) Styrene	10.71	104	248659	19.998	ug/l	99
70) Isopropylbenzene	11.01	105	368007	19.142	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	130832	20.202	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	149766	27.036	ug/l	95
73) Bromobenzene	11.25	156	101223	19.862	ug/l	99
74) n-propylbenzene	11.35	91	422736	19.243	ug/l	99
75) 2-Chlorotoluene	11.42	91	258566	19.638	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	310893	19.407	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	39995	18.759	ug/l	96
78) 4-Chlorotoluene	11.51	91	294409	19.689	ug/l	99
79) tert-butylbenzene	11.76	119	283659	18.924	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	315080	19.719	ug/l	100
81) sec-Butylbenzene	11.94	105	348331	18.780	ug/l	100
82) p-Isopropyltoluene	12.06	119	319941	18.894	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	176543	19.839	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	175643	19.909	ug/l	99
85) n-Butylbenzene	12.39	91	267347	18.045	ug/l	99
86) Hexachloroethane	12.59	117	56001	18.443	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	179774	20.022	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27607	19.956	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	116826	19.712	ug/l	99
90) Hexachlorobutadiene	13.78	225	55057	18.592	ug/l	99
91) Naphthalene	13.83	128	345875	19.333	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	120654	20.001	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

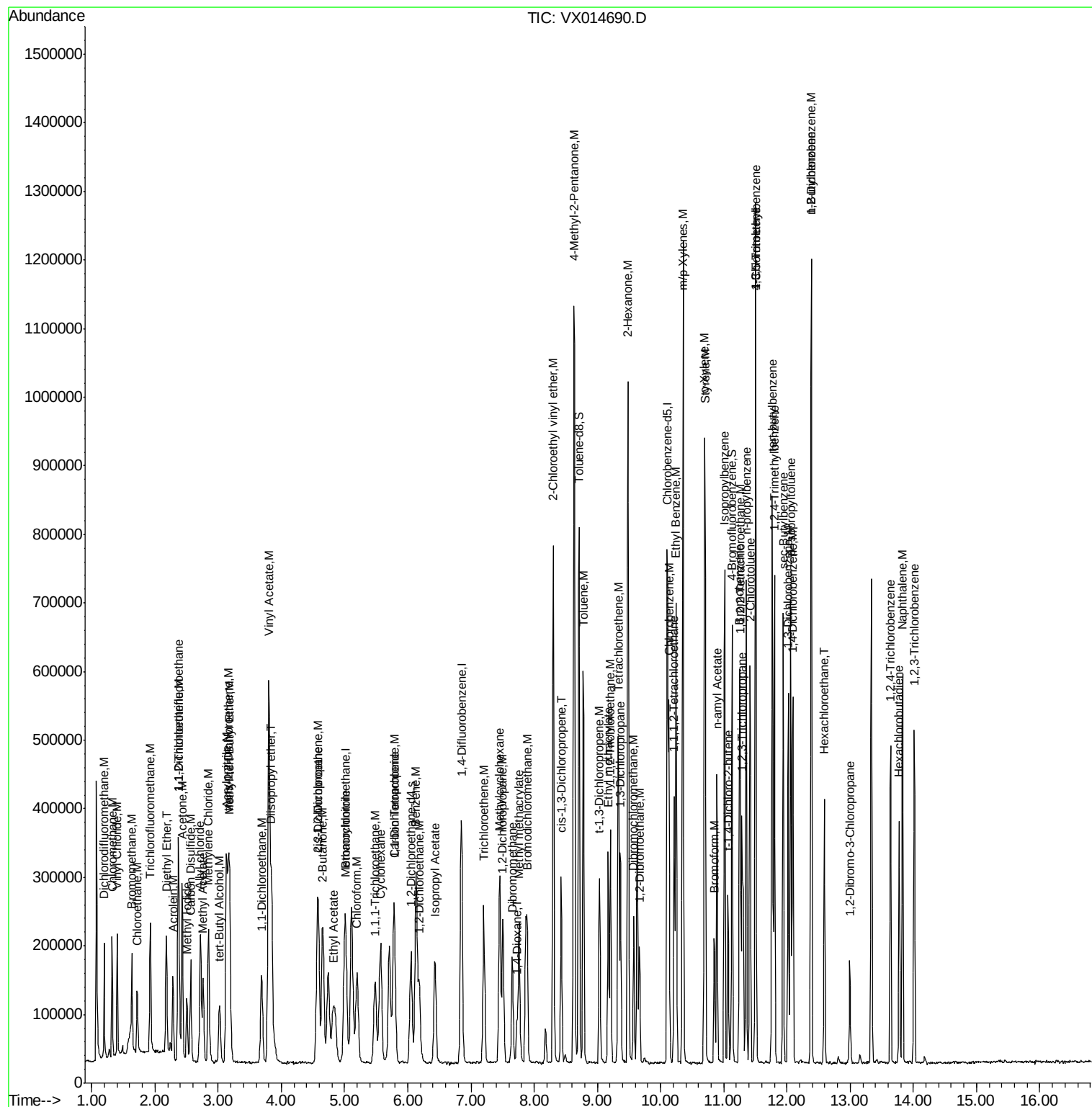
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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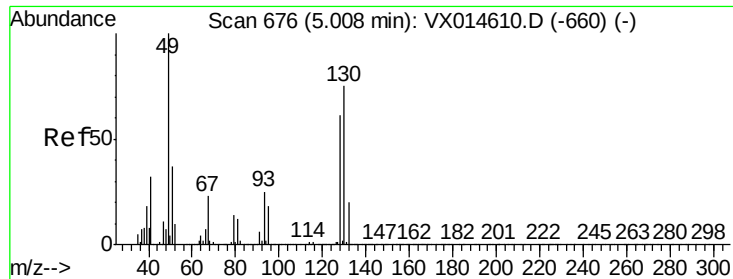
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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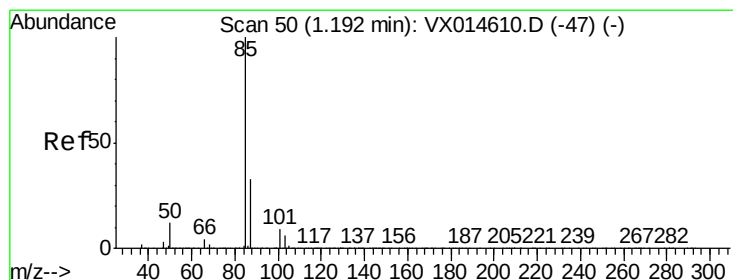
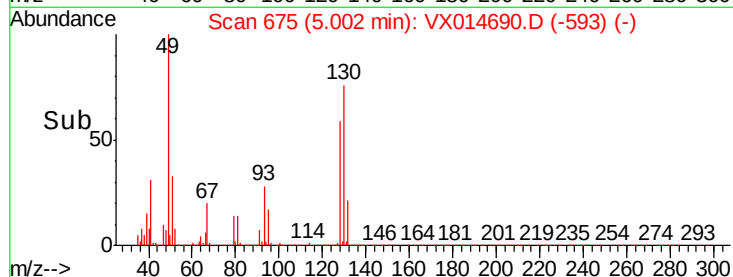
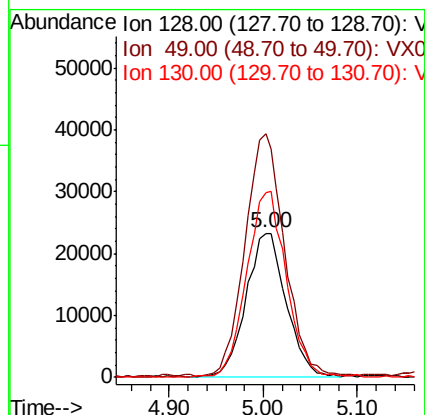
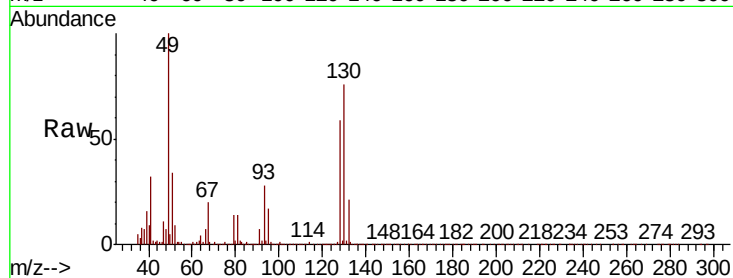




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

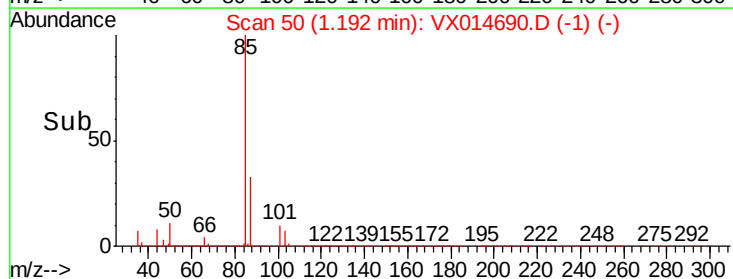
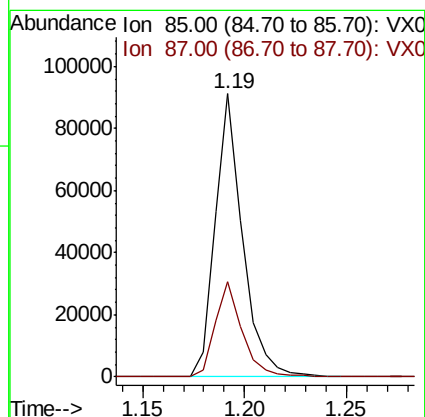
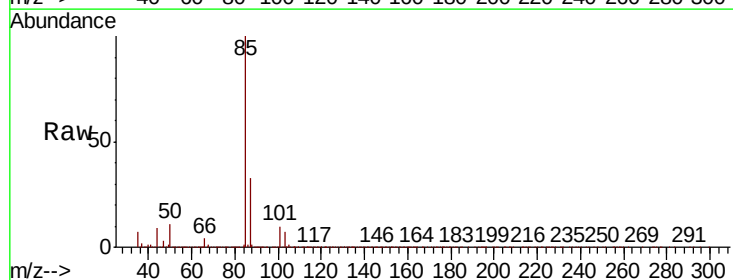
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

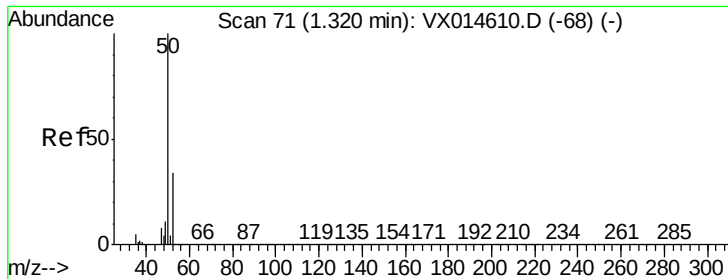
Tot Ion:128 Resp: 69163
Ion Ratio Lower Upper
128 100
49 166.6 0.0 405.0
130 127.1 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 17.745 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 85 Resp: 84817
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.9





#3

Chloromethane

Concen: 18.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

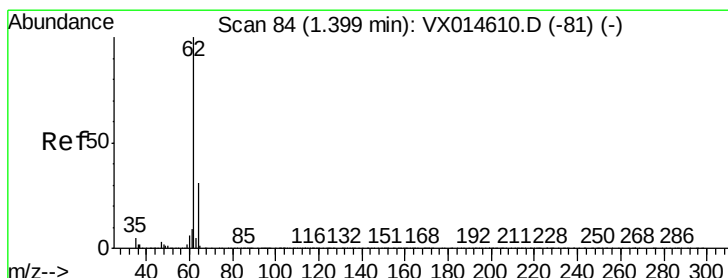
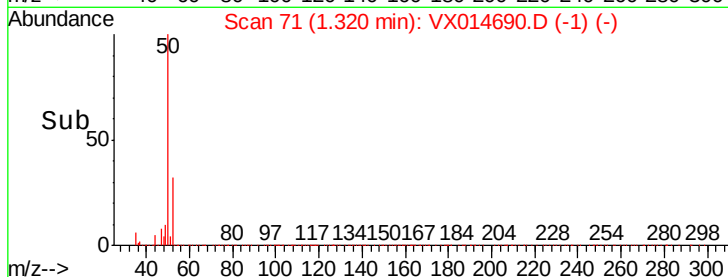
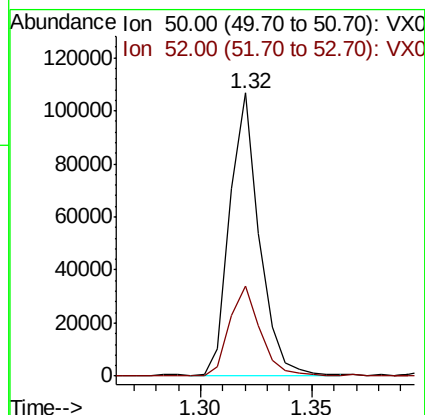
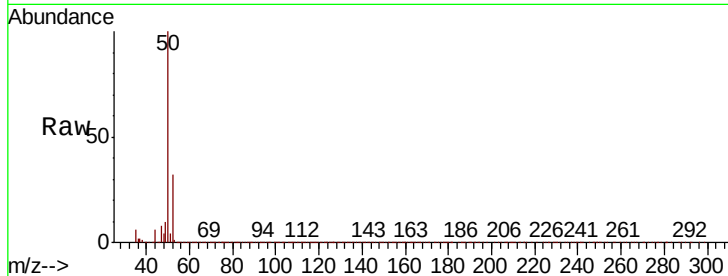
VSTDCCC020

Tot Ion: 50 Resp: 98398

Ion Ratio Lower Upper

50 100

52 31.8 24.3 36.5



#4

Vinyl Chloride

Concen: 18.180 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014690.D

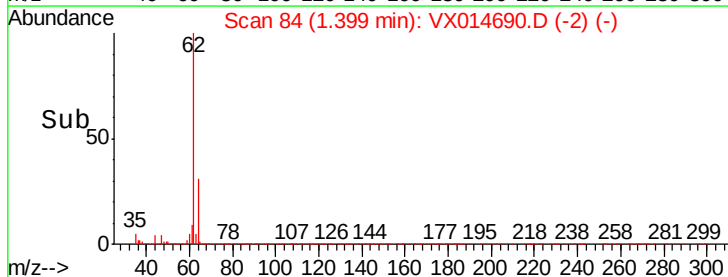
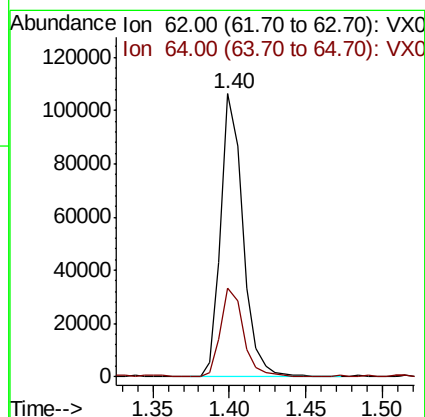
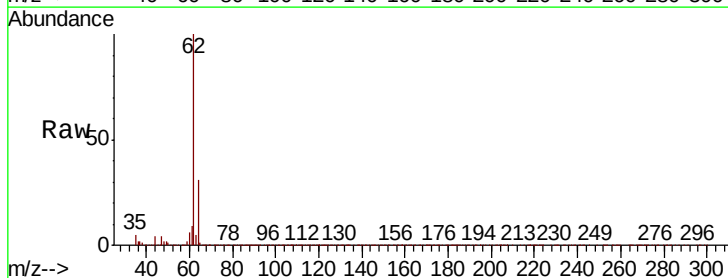
Acq: 24 Jan 2020 11:56

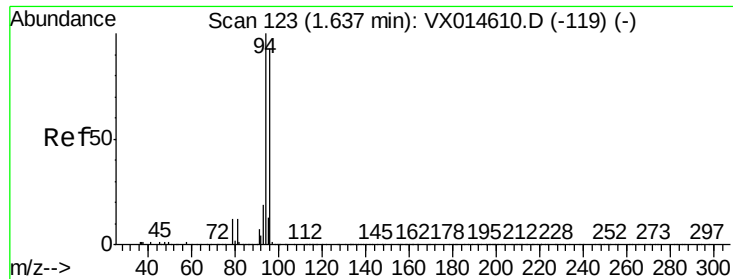
Tgt Ion: 62 Resp: 106823

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.148 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

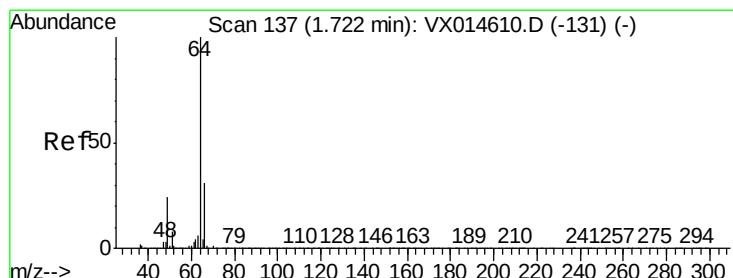
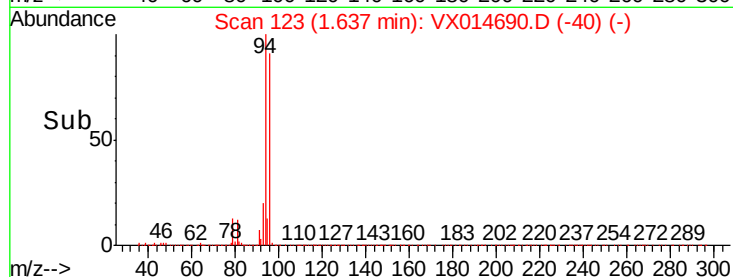
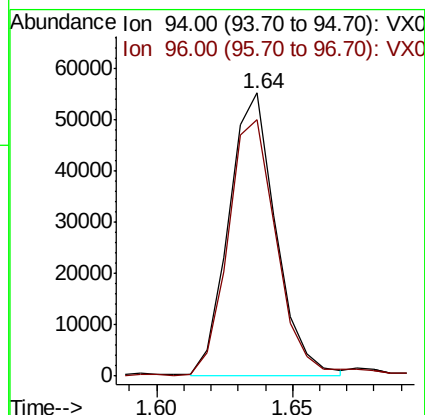
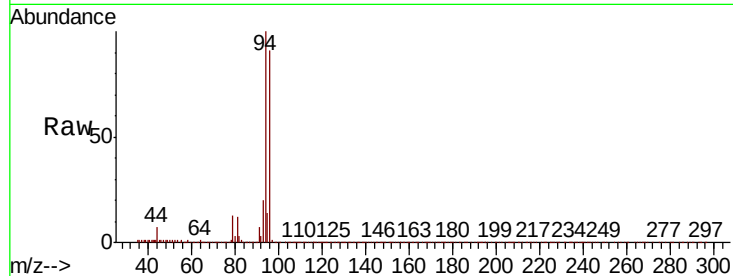
VSTDCCC020

Tot Ion: 94 Resp: 66542

Ion Ratio Lower Upper

94 100

96 90.5 74.4 111.6



#6

Chloroethane

Concen: 18.744 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014690.D

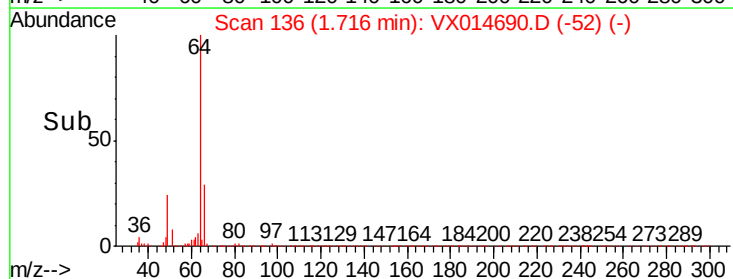
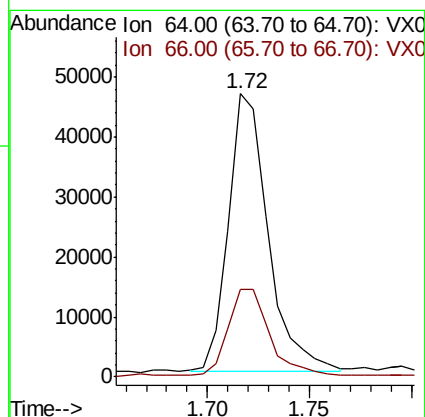
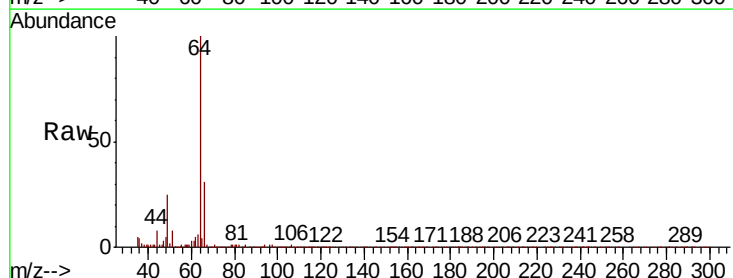
Acq: 24 Jan 2020 11:56

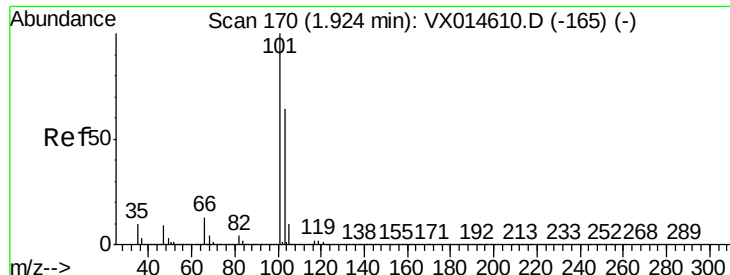
Tgt Ion: 64 Resp: 62087

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



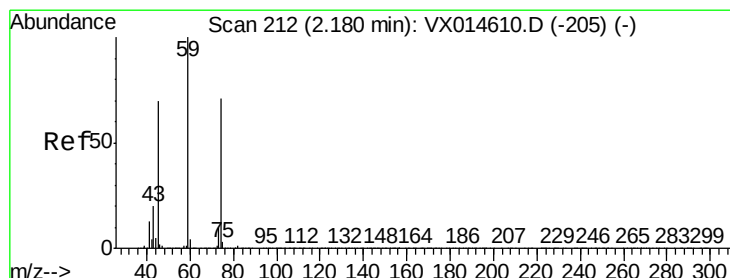
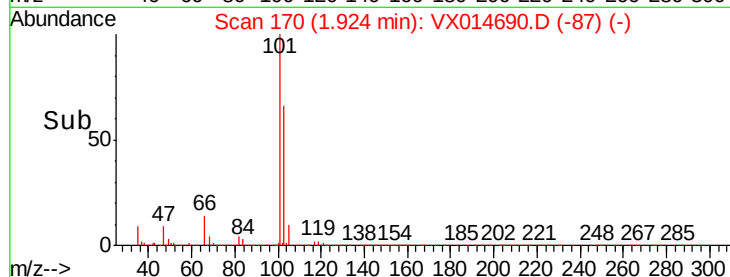
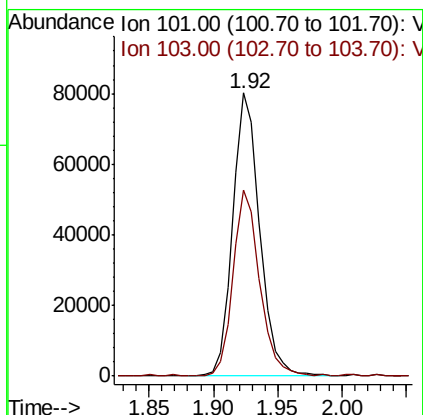
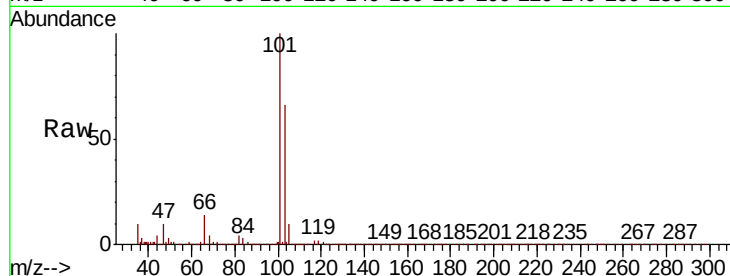


#7

Trichlorofluoromethane
Concen: 17.976 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014690.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

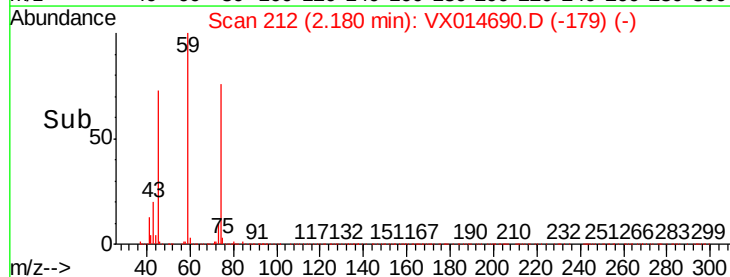
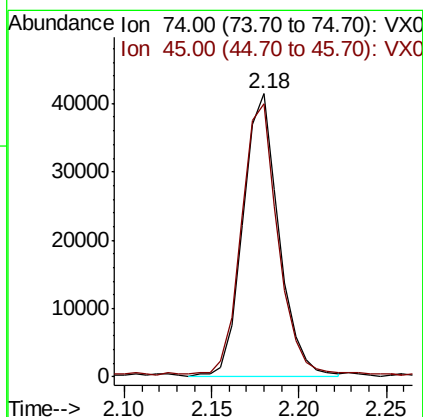
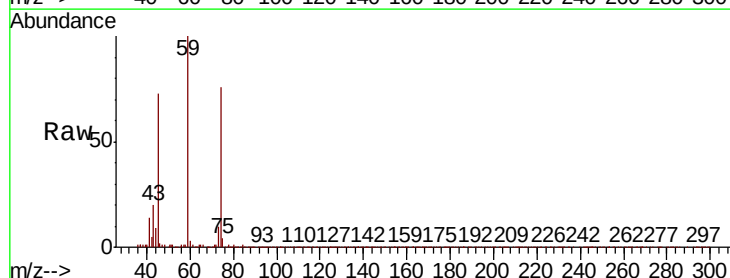
Tot Ion:101 Resp: 116956
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

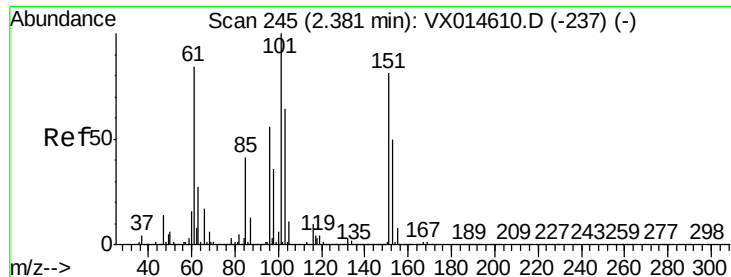


#8

Diethyl Ether
Concen: 20.578 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 74 Resp: 58479
Ion Ratio Lower Upper
74 100
45 99.6 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.056 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

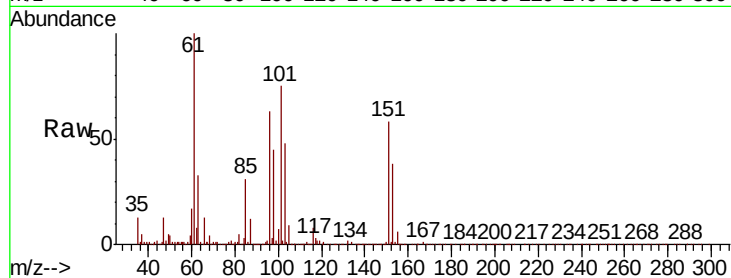
Tot Ion:101 Resp: 68731

Ion Ratio Lower Upper

101 100

85 43.2 0.0 85.6

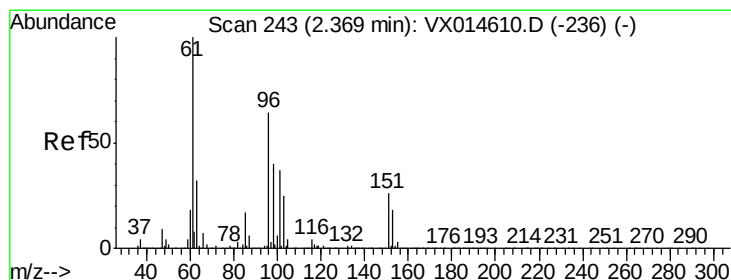
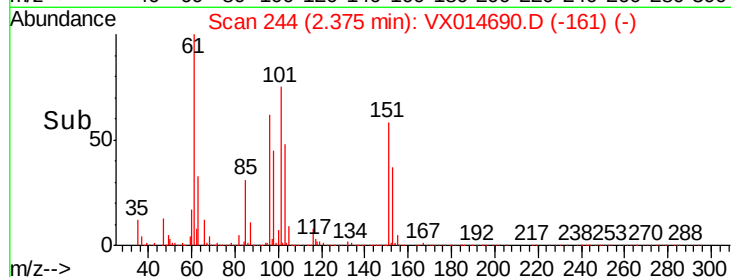
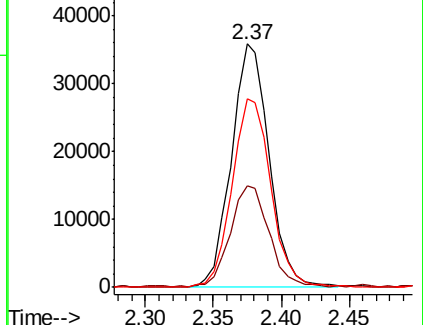
151 79.6 0.0 159.4



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: 17.876 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

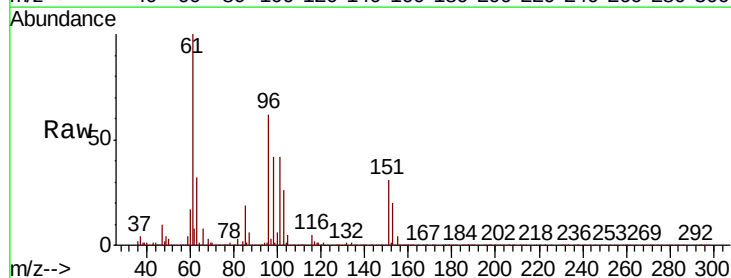
Tgt Ion: 96 Resp: 68444

Ion Ratio Lower Upper

96 100

61 160.2 123.0 184.6

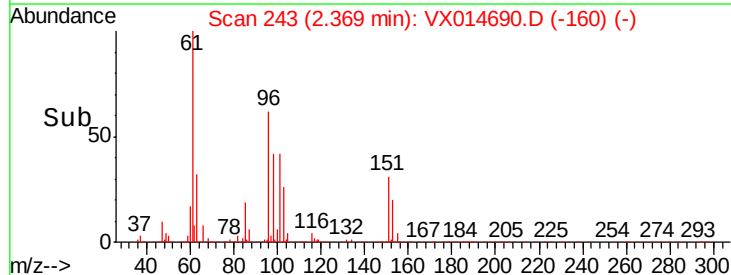
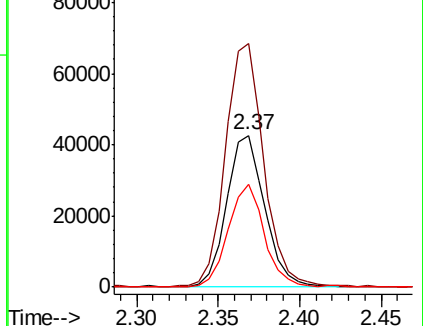
98 67.9 51.4 77.0

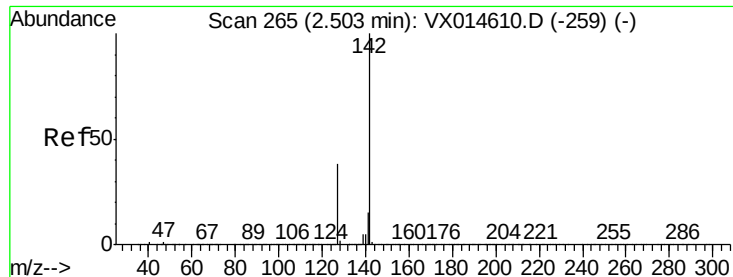


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

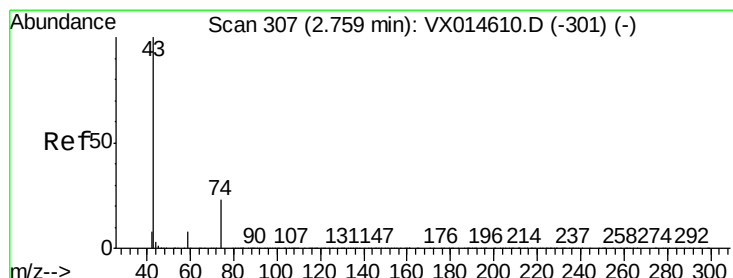
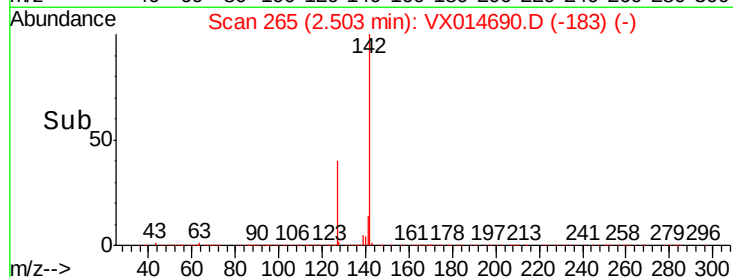
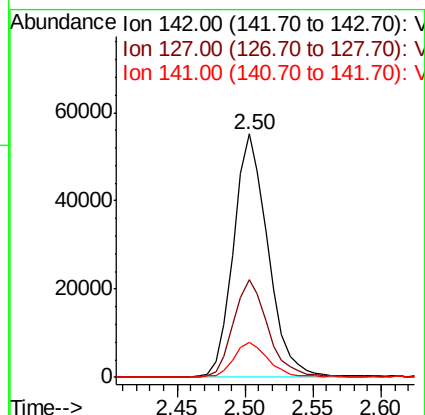
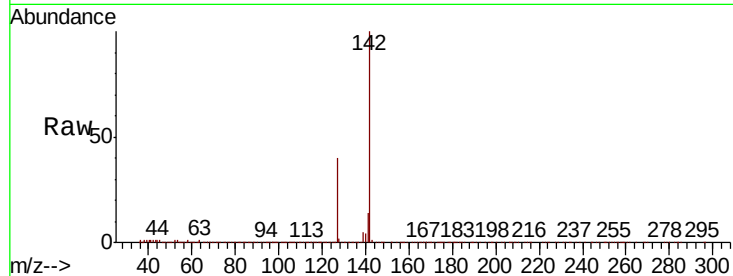




#11
Methvl Iodide
Concen: 18.871 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

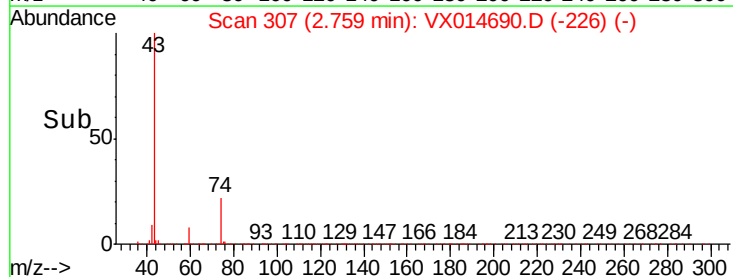
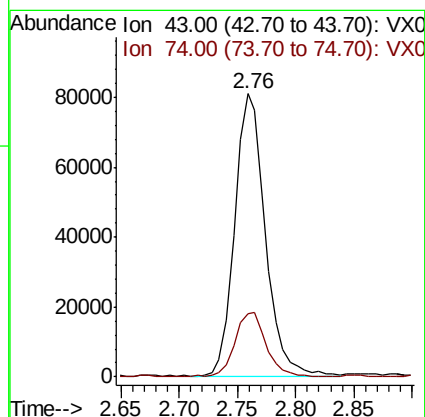
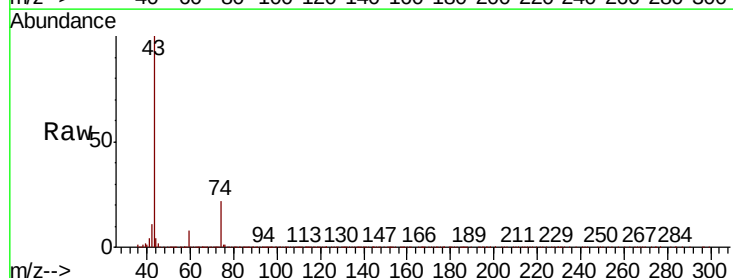
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

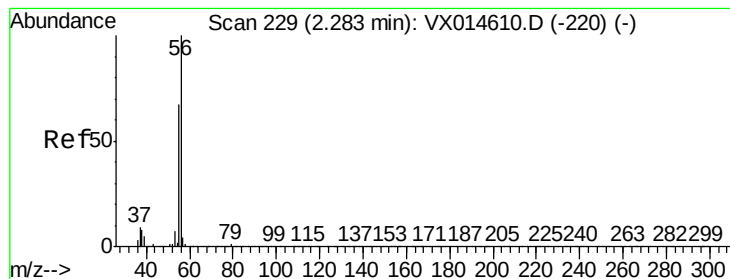
Tot Ion:142 Resp: 96896
Ion Ratio Lower Upper
142 100
127 39.6 19.5 58.5
141 14.4 7.0 20.9



#12
Methyl Acetate
Concen: 21.275 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 43 Resp: 147147
Ion Ratio Lower Upper
43 100
74 22.2 18.5 27.7





#13

Acrolein

Concen: 120.136 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

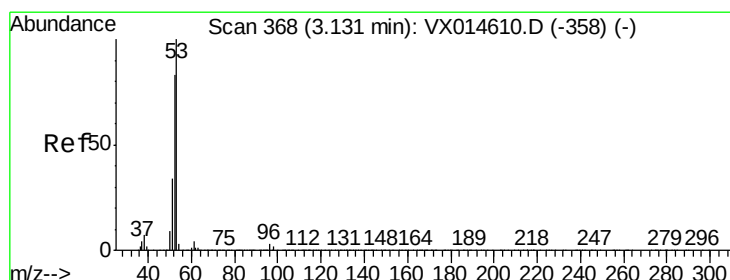
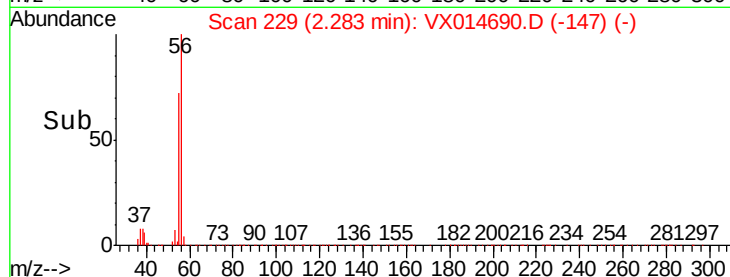
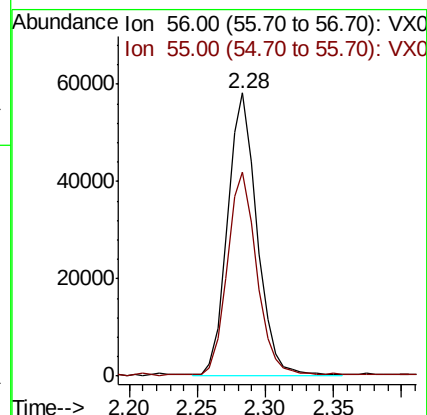
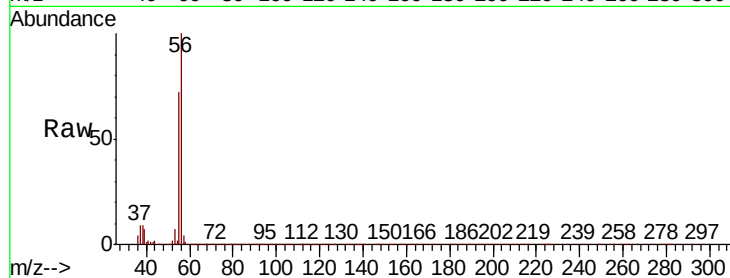
VSTDCCC020

Tot Ion: 56 Resp: 87278

Ion Ratio Lower Upper

56 100

55 71.5 54.9 82.3



#14

Acrylonitrile

Concen: 100.417 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

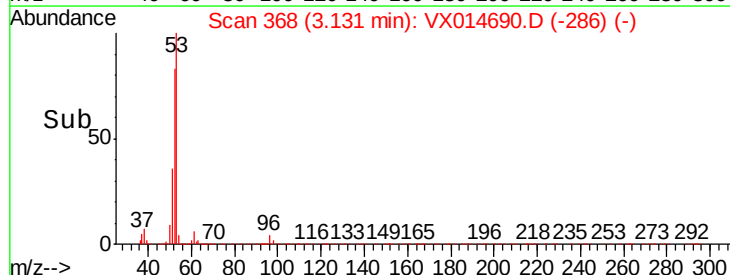
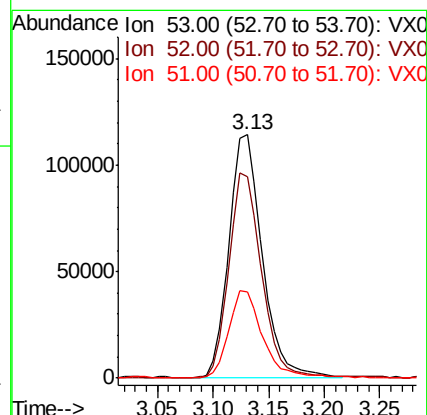
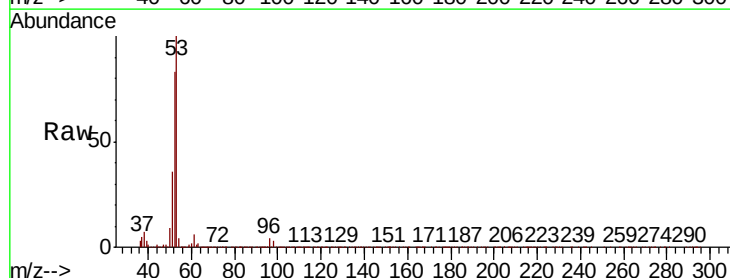
Tgt Ion: 53 Resp: 237649

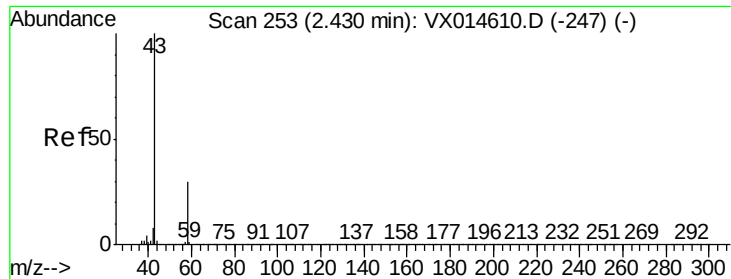
Ion Ratio Lower Upper

53 100

52 81.7 41.5 124.6

51 35.4 17.8 53.5





#15

Acetone

Concen: 103.389 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

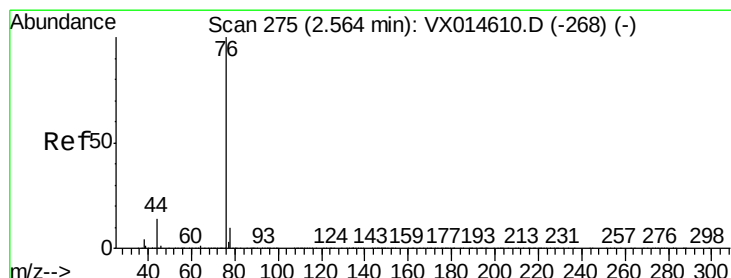
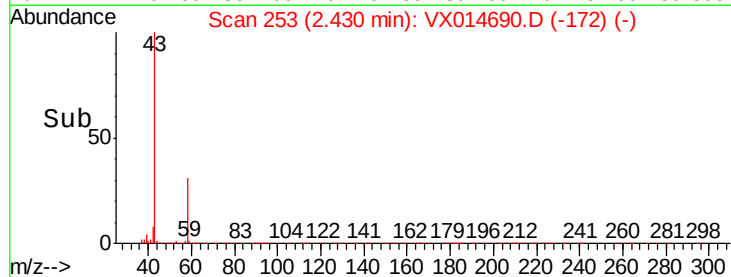
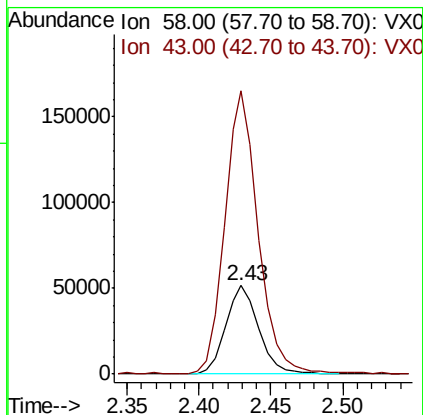
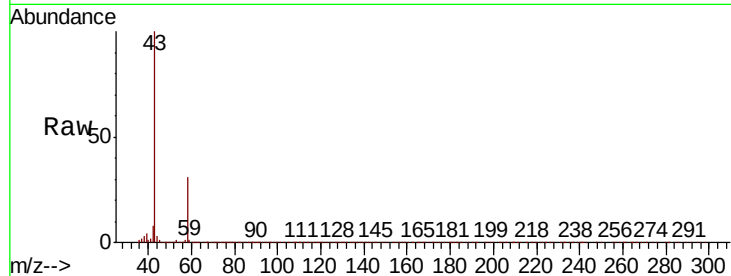
VSTDCCC020

Tot Ion: 58 Resp: 82029

Ion Ratio Lower Upper

58 100

43 319.7 236.3 354.5



#16

Carbon Disulfide

Concen: 17.607 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014690.D

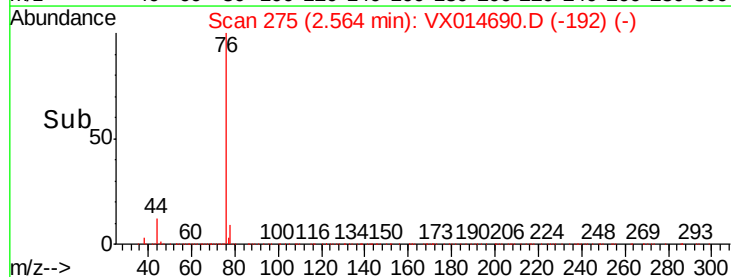
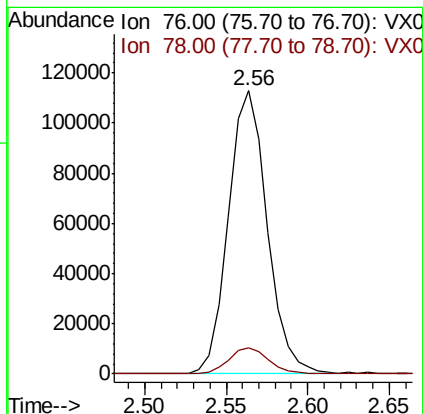
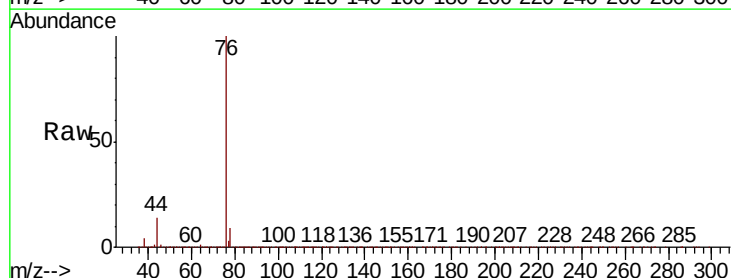
Acq: 24 Jan 2020 11:56

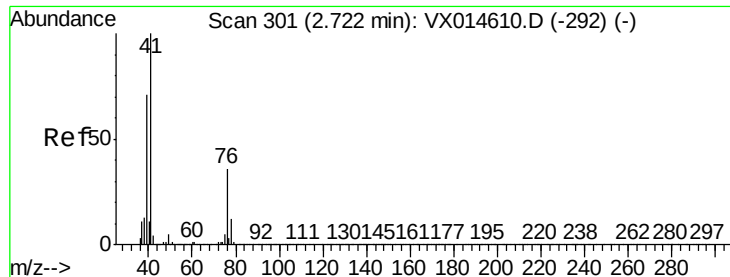
Tgt Ion: 76 Resp: 185139

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.8

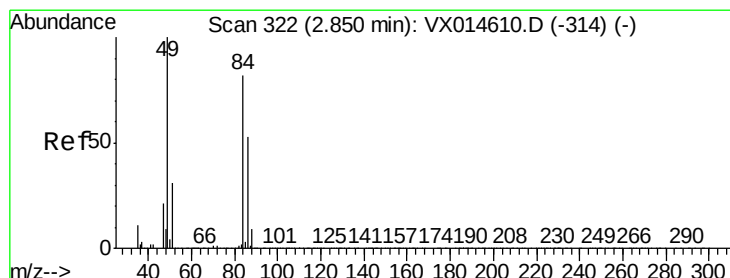
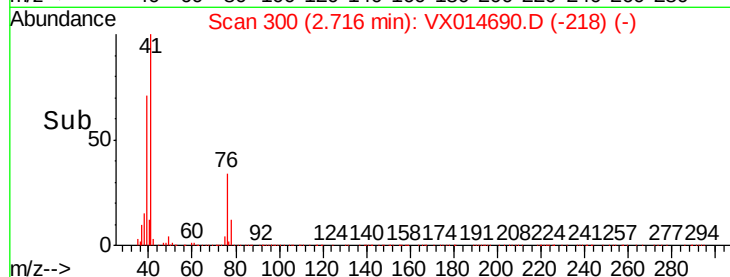
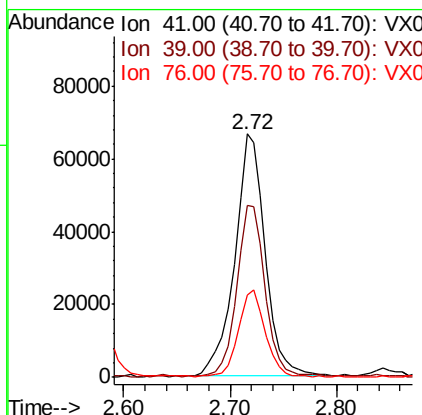
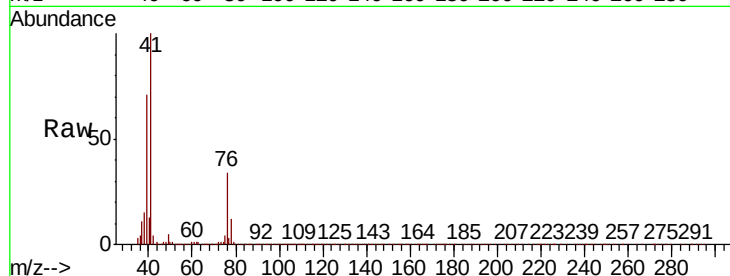




#17
Allvl chloride
Concen: 18.739 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

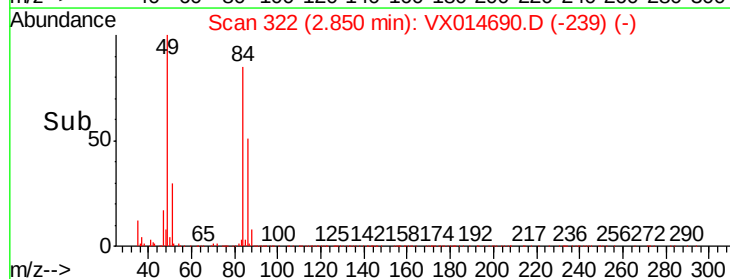
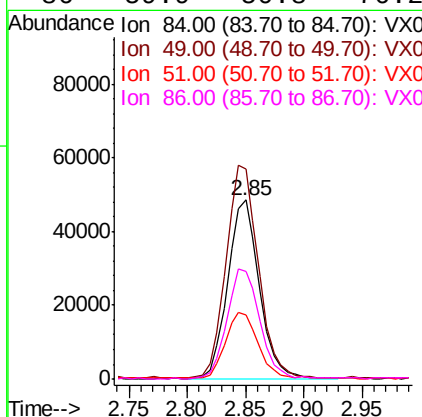
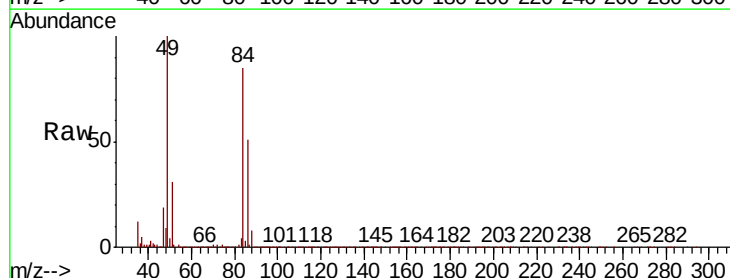
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

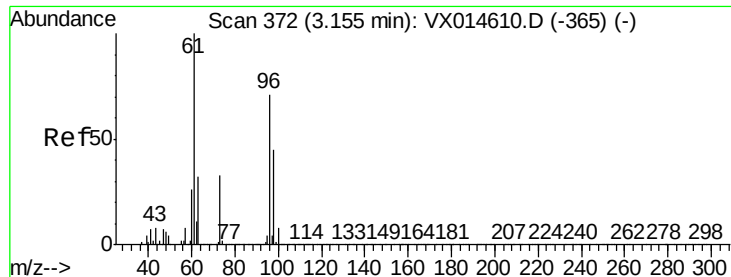
Tot Ion:	41	Resp:	132783
Ion	Ratio	Lower	Upper
41	100		
39	70.8	33.4	100.2
76	33.3	17.0	50.9



#18
Methylene Chloride
Concen: 20.596 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:	84	Resp:	92291
Ion	Ratio	Lower	Upper
84	100		
49	116.7	102.2	153.2
51	35.4	31.4	47.0
86	59.9	50.8	76.2

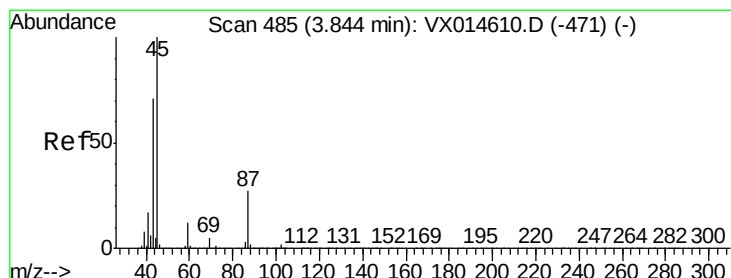
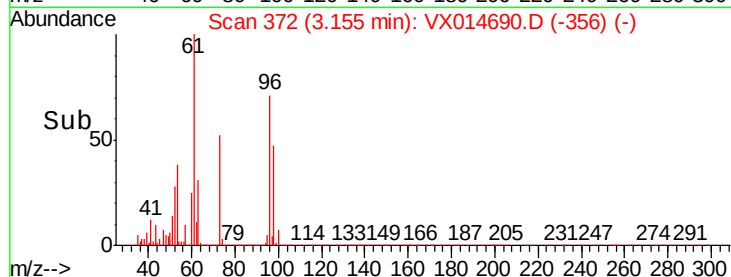
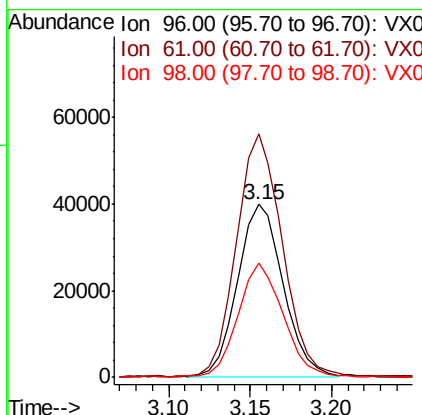
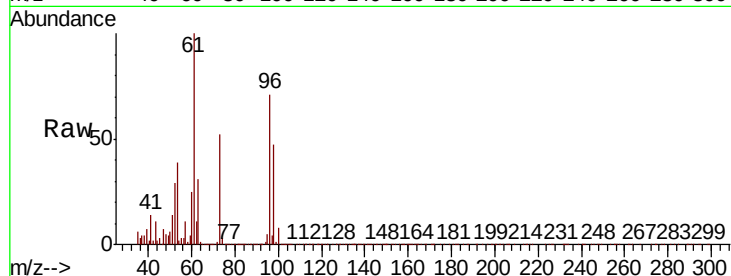




#19
trans-1,2-Dichloroethene
Concen: 18.706 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

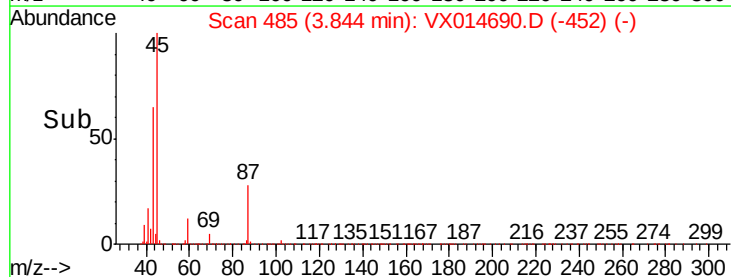
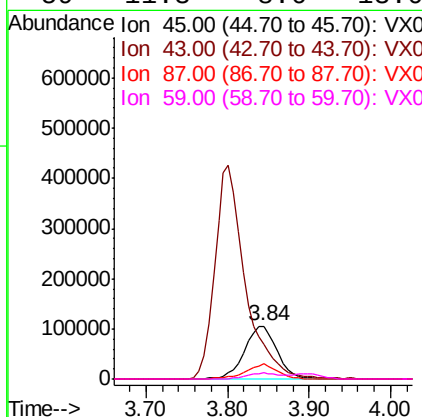
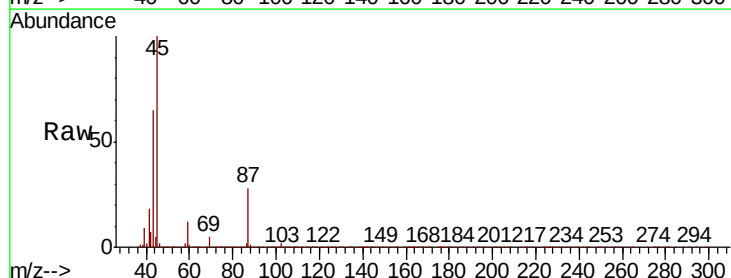
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

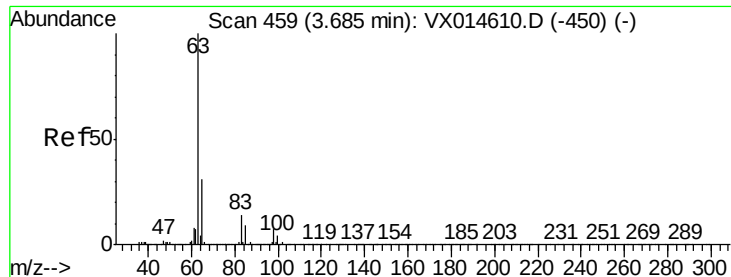
Tot Ion: 96 Resp: 77098
Ion Ratio Lower Upper
96 100
61 141.0 106.6 159.8
98 66.1 51.6 77.4



#20
Diisopropyl ether
Concen: 20.714 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 45 Resp: 290397
Ion Ratio Lower Upper
45 100
43 64.3 55.9 83.9
87 28.1 22.2 33.2
59 11.3 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.519 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

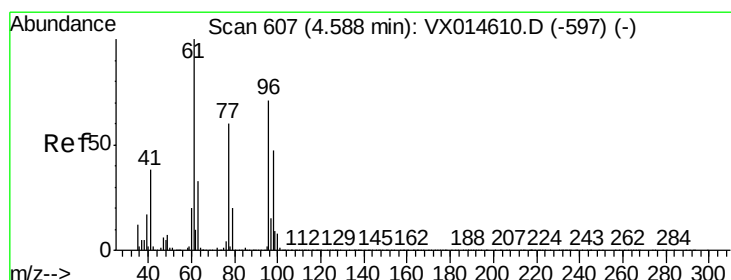
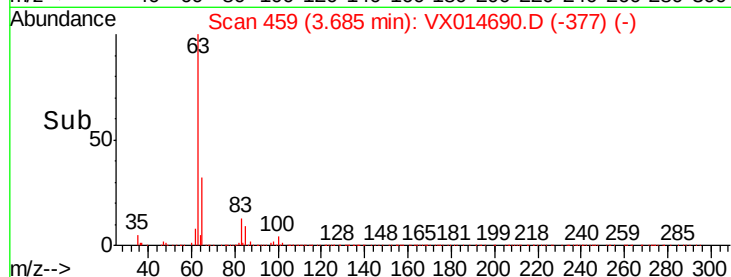
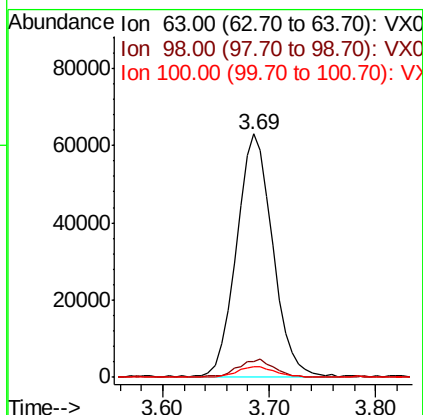
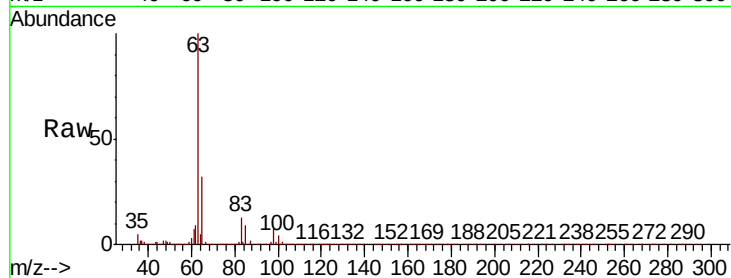
Tot Ion: 63 Resp: 148656

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.1 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.670 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

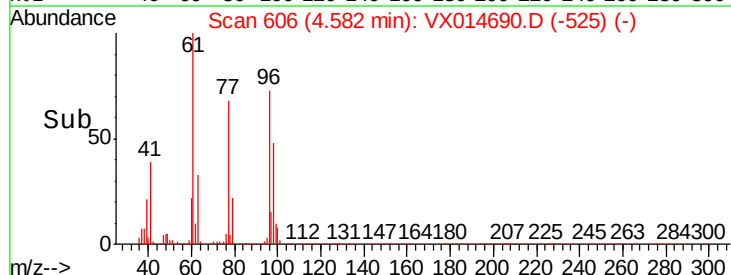
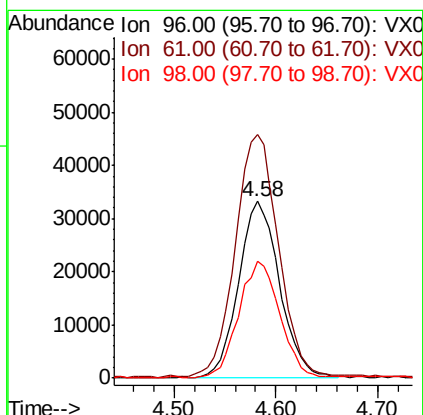
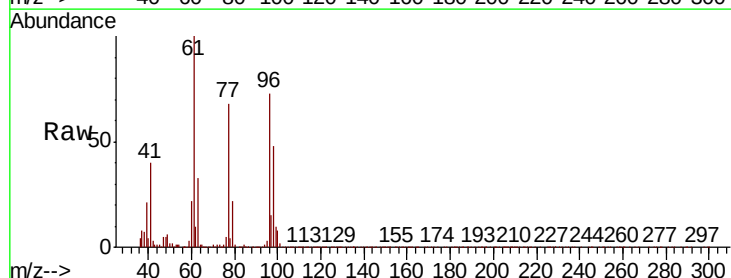
Tgt Ion: 96 Resp: 93162

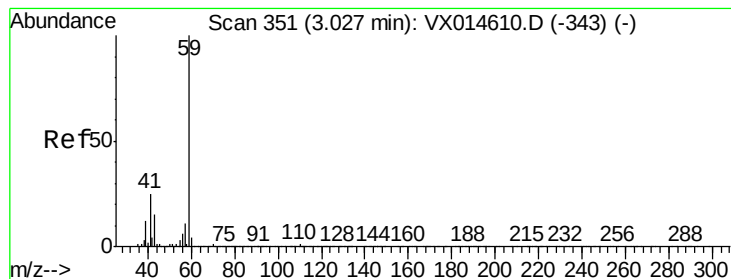
Ion Ratio Lower Upper

96 100

61 144.5 112.4 168.6

98 65.1 50.3 75.5



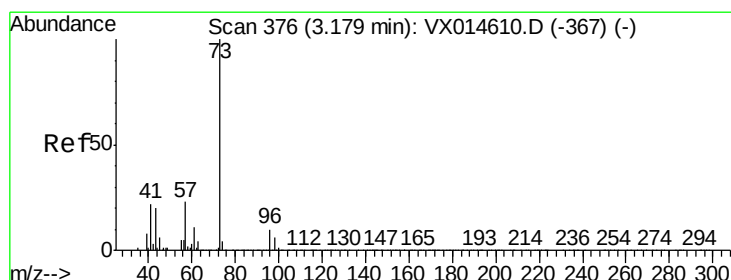
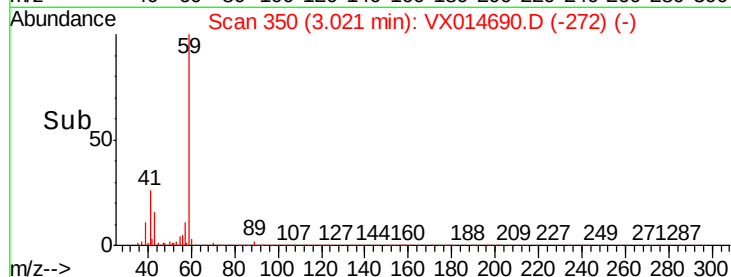
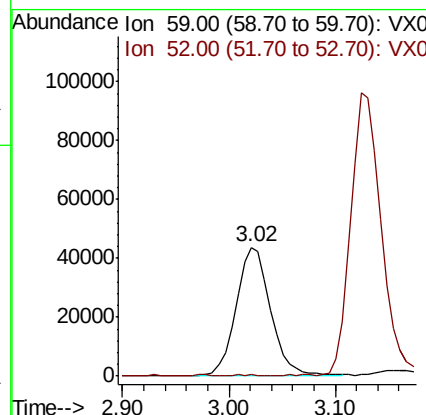
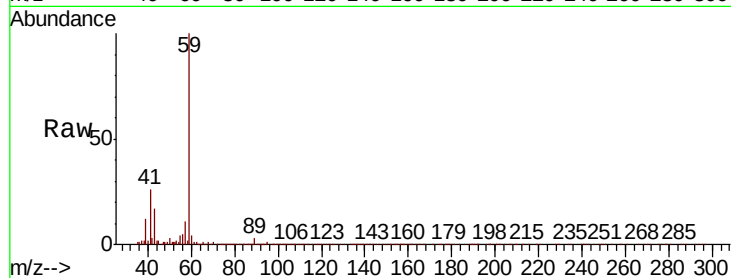


#23

tert-Butyl Alcohol
 Concen: 100.373 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

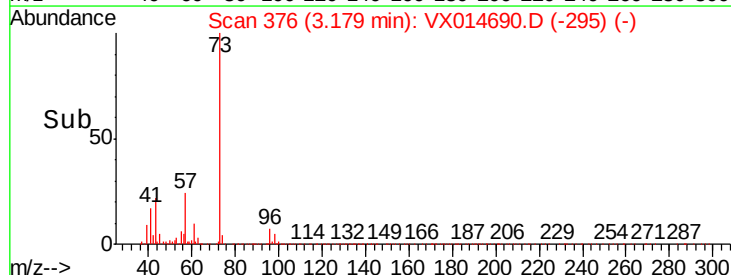
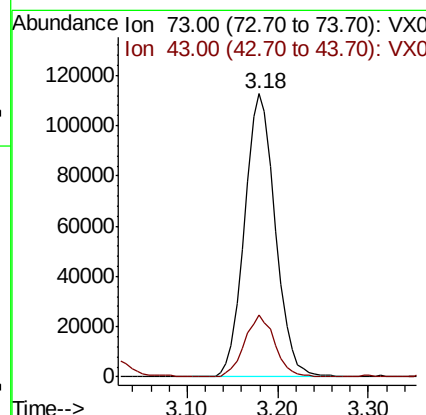
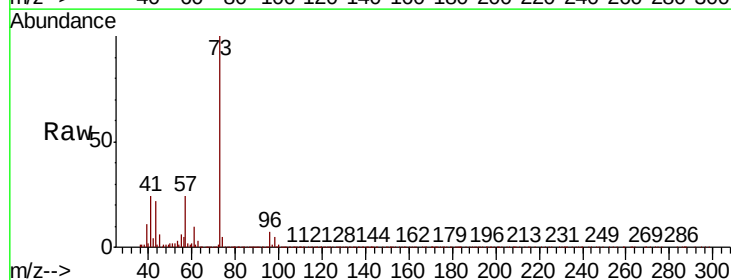
Tot Ion: 59 Resp: 98240
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

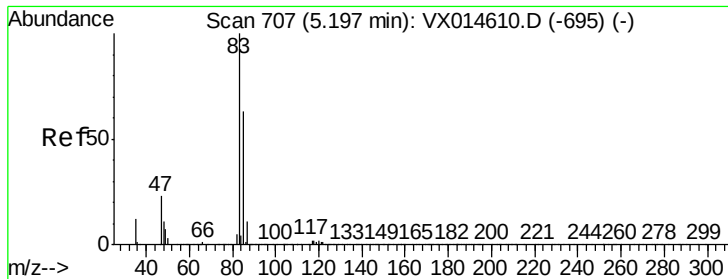


#24

Methyl tert-Butyl Ether
 Concen: 20.665 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion: 73 Resp: 263312
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.6 25.0

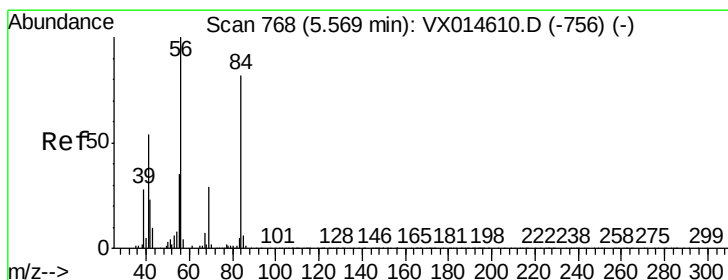
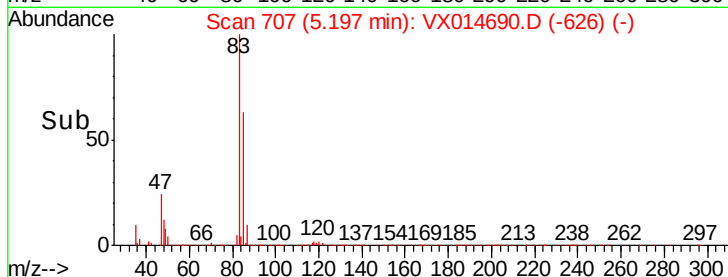
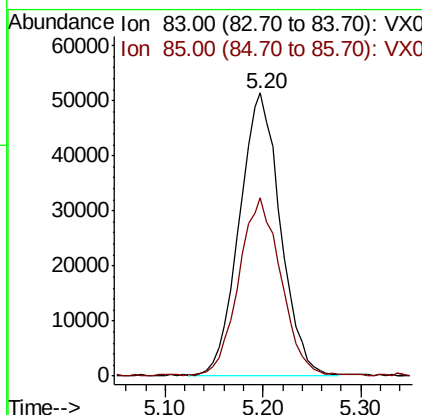
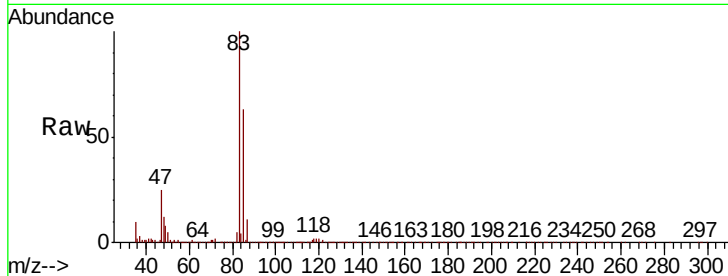




#25
Chloroform
Concen: 20.294 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

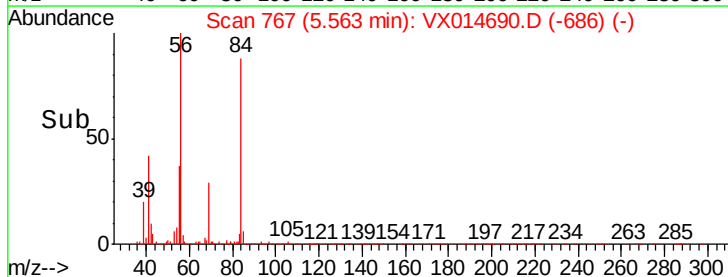
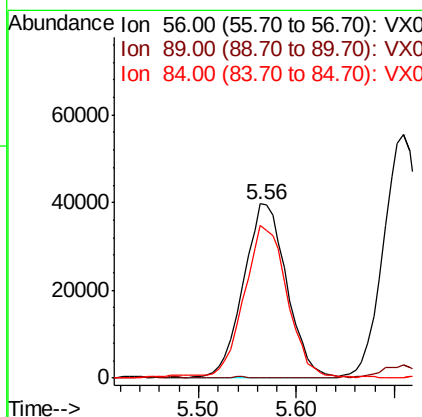
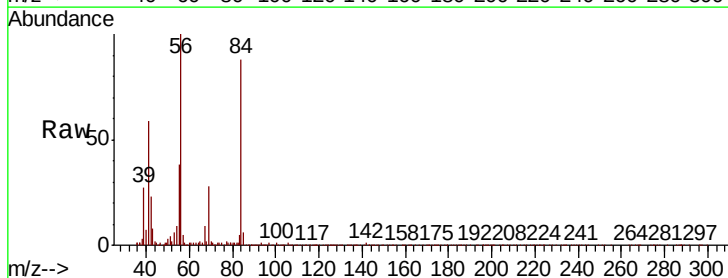
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

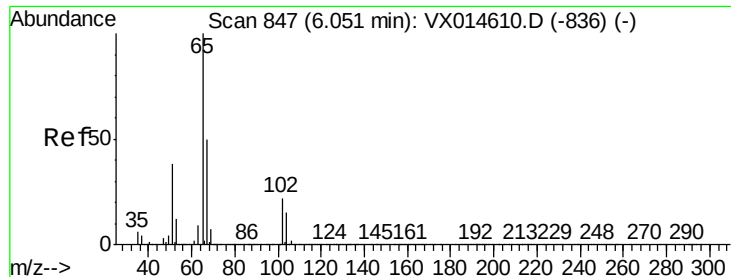
Tot Ion: 83 Resp: 149722
Ion Ratio Lower Upper
83 100
85 62.8 52.7 79.1



#26
Cyclohexane
Concen: 17.353 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 56 Resp: 121905
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 86.3 70.8 106.2

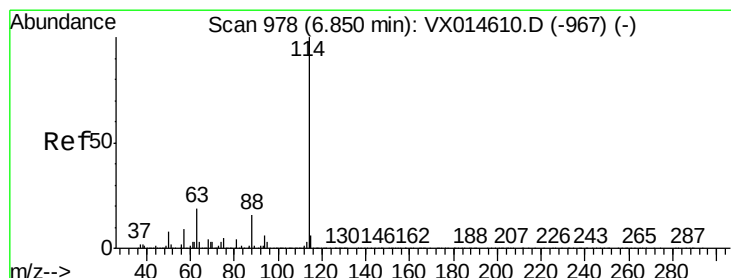
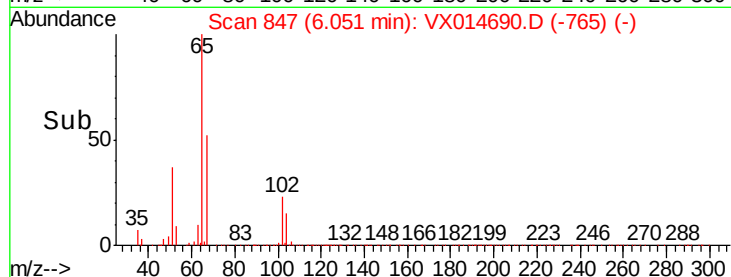
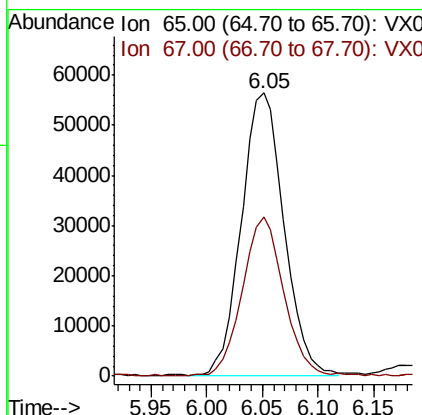
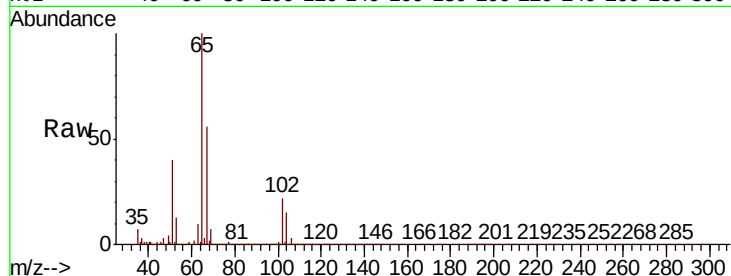




#27
 1,2-Dichloroethane-d4
 Concen: 30.808 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

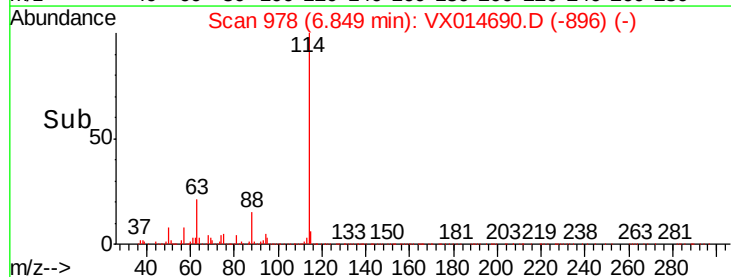
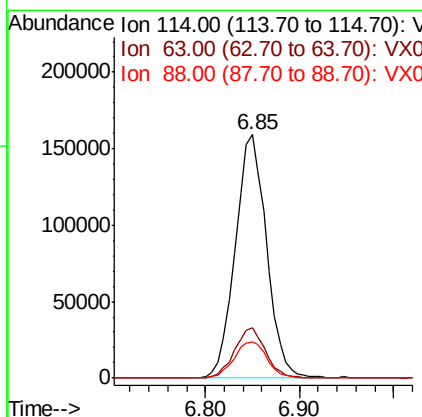
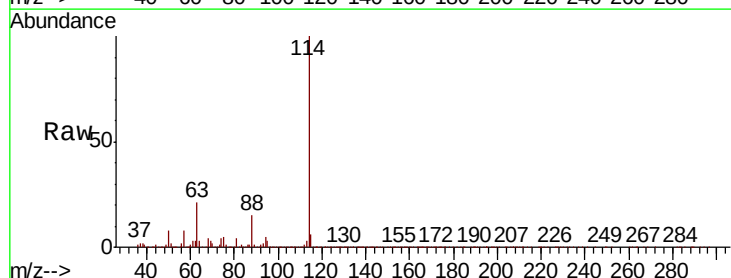
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

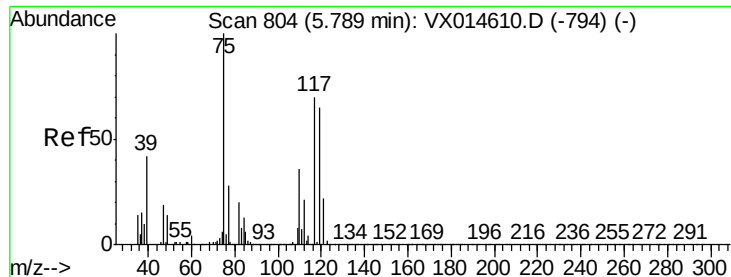
Tot Ion: 65 Resp: 149769
 Ion Ratio Lower Upper
 65 100
 67 53.8 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion: 114 Resp: 368202
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.1 24.1
 88 15.4 12.5 18.7

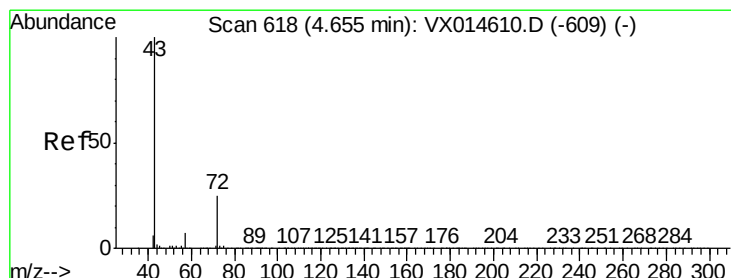
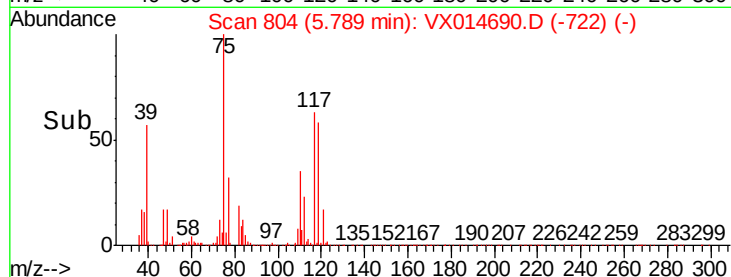
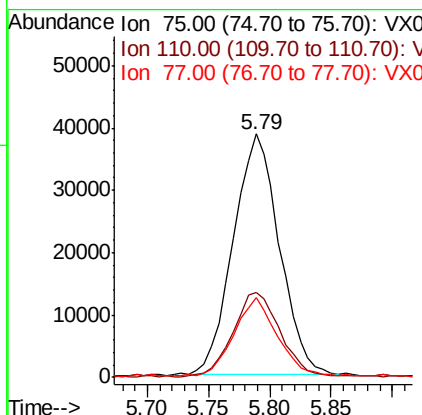
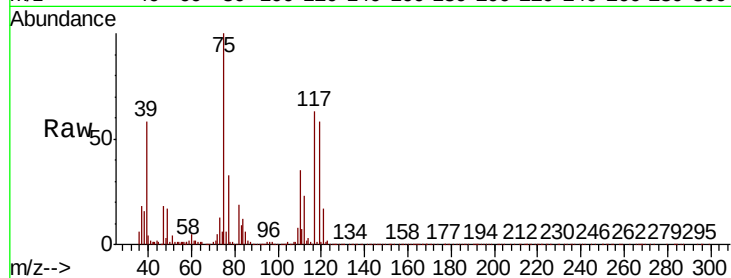




#29
 1,1-Dichloropropene
 Concen: 18.668 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

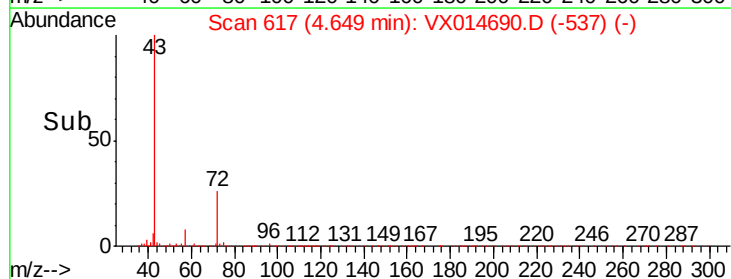
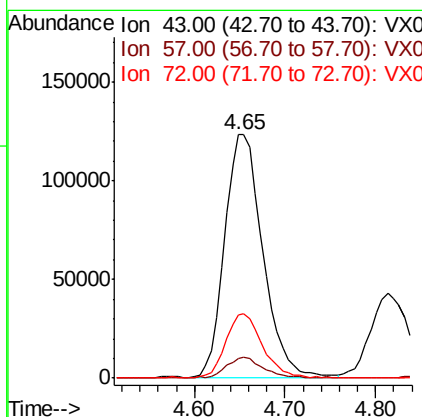
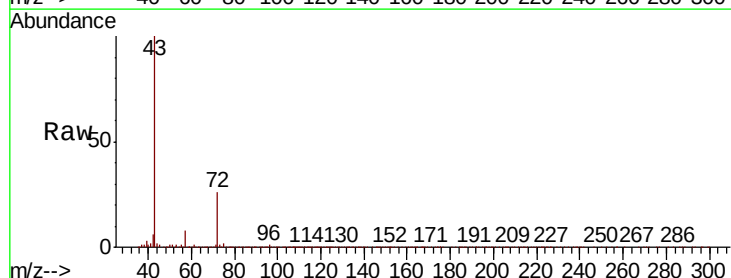
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

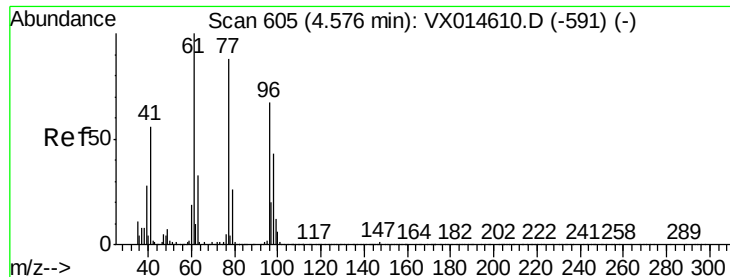
Tot Ion:	75	Resp:	100808
Ion	Ratio	Lower	Upper
75	100		
110	35.5	0.0	73.8
77	31.3	0.0	62.4



#30
 2-Butanone
 Concen: 104.771 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion:	43	Resp:	358389
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	24.8	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.283 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

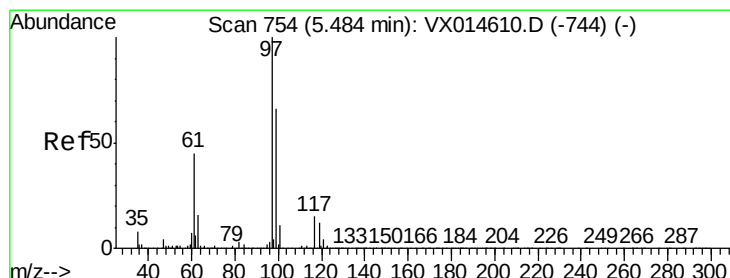
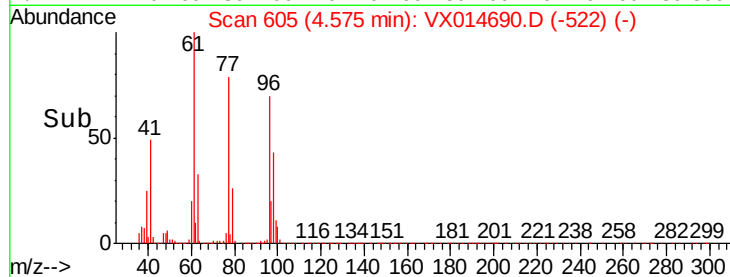
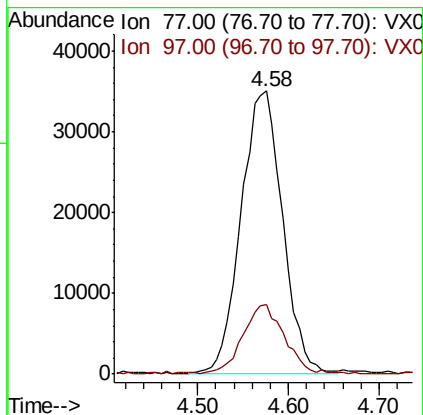
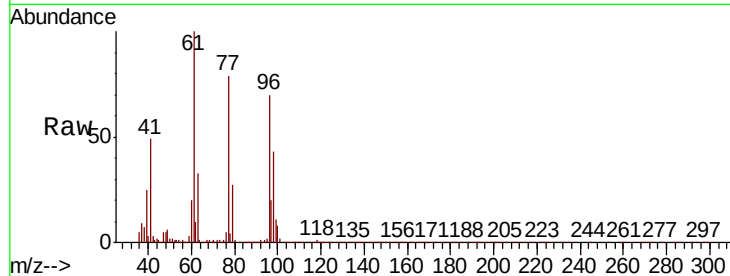
VSTDCCC020

Tot Ion: 77 Resp: 111416

Ion Ratio Lower Upper

77 100

97 23.4 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.155 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

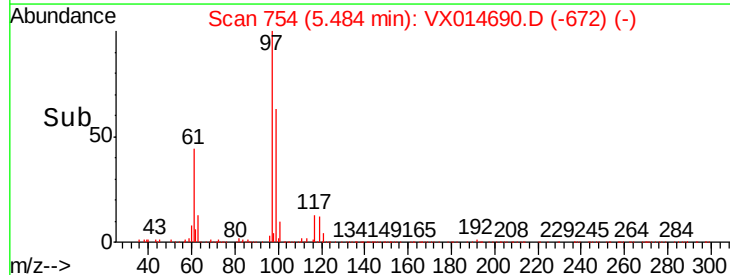
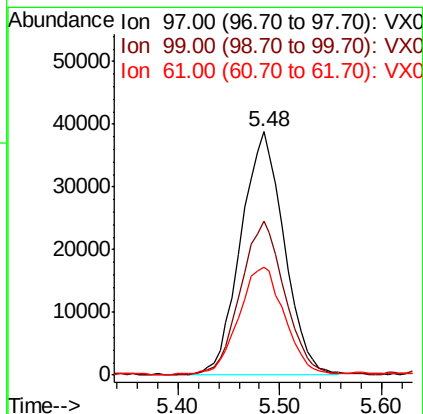
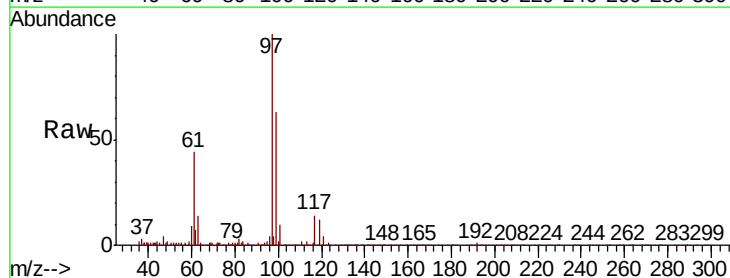
Tgt Ion: 97 Resp: 114437

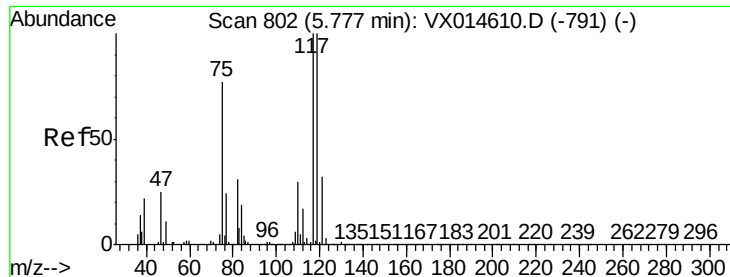
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 47.0 36.8 55.2

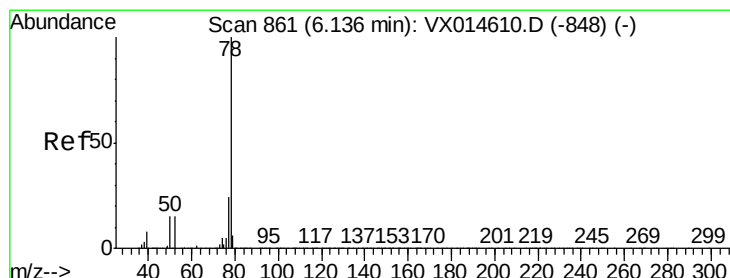
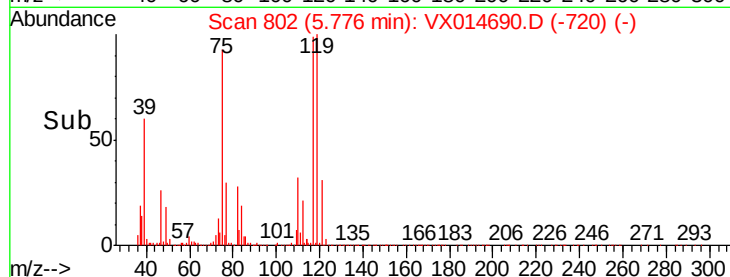
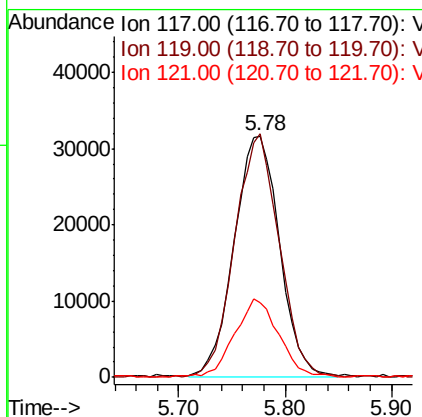
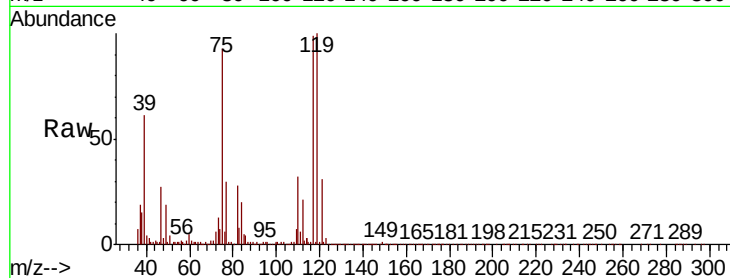




#33
Carbon Tetrachloride
Concen: 18.307 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

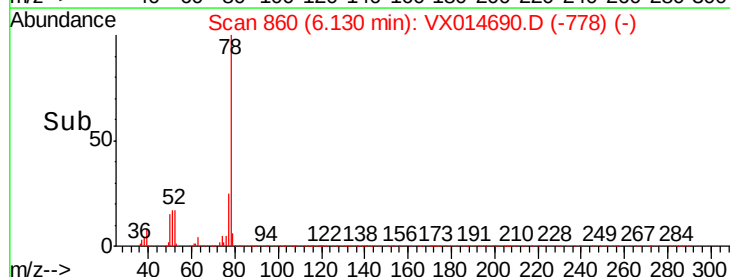
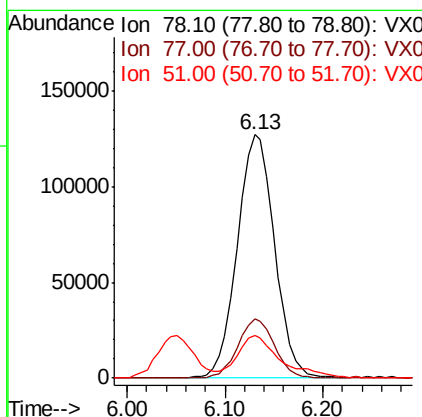
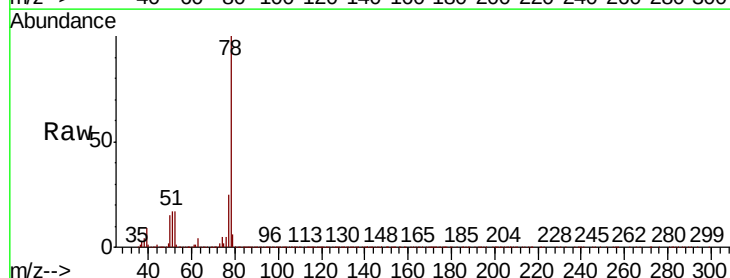
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

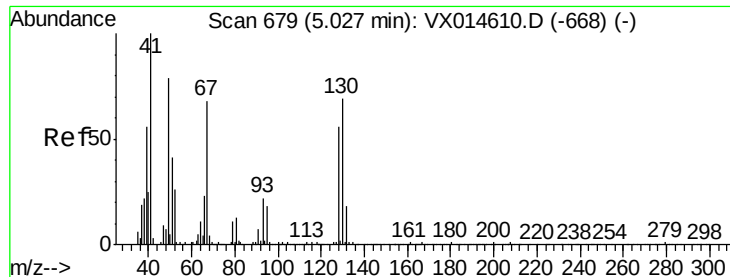
Tot Ion:117 Resp: 93893
Ion Ratio Lower Upper
117 100
119 100.5 77.2 115.8
121 30.7 24.8 37.2



#34
Benzene
Concen: 20.115 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 78 Resp: 335654
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.2
51 16.8 12.4 18.6

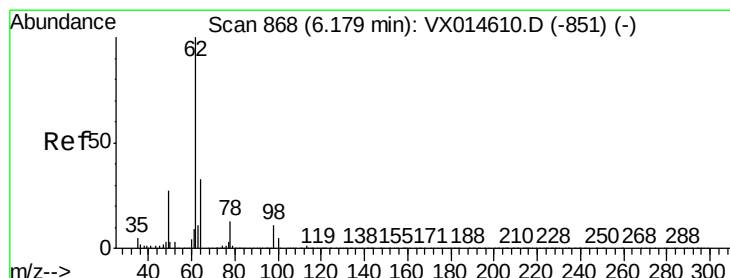
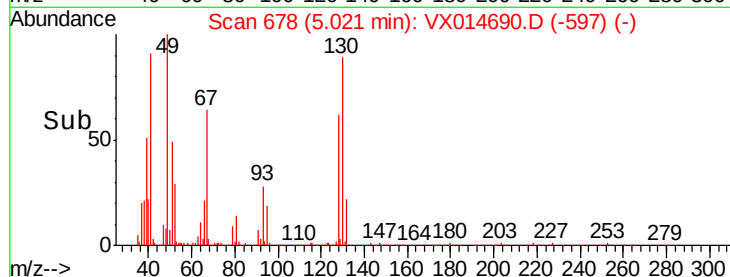
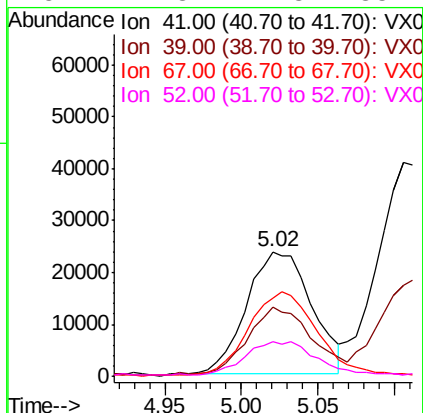
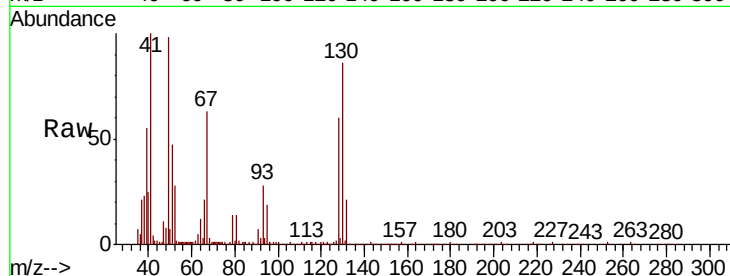




#35
Methacrylonitrile
Concen: 20.293 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

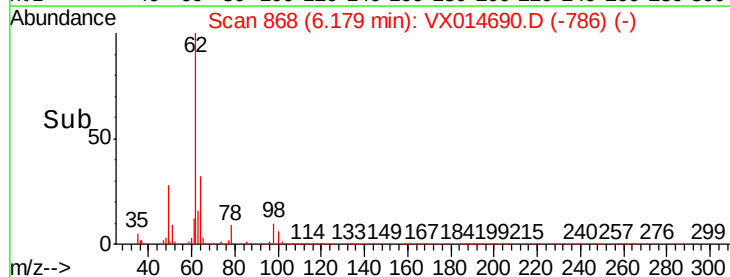
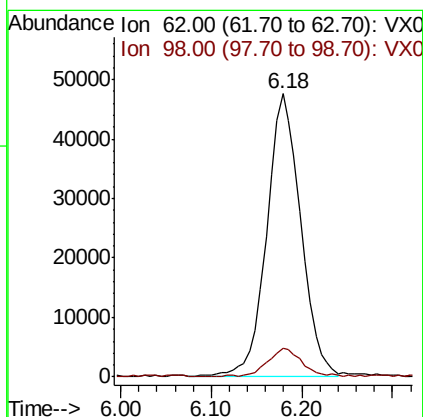
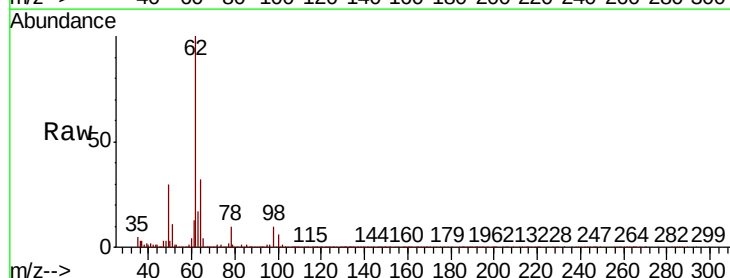
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

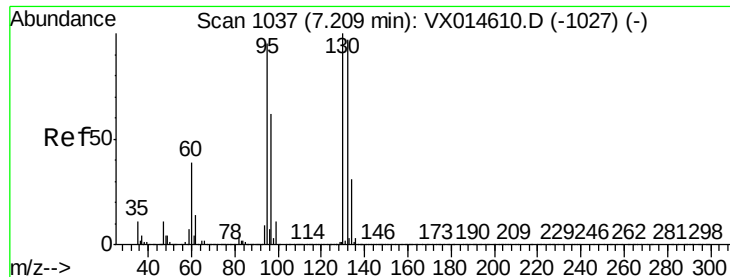
Tot Ion:	41	Resp:	69329
Ion	Ratio	Lower	Upper
41	100		
39	54.7	26.7	80.1
67	63.0	31.5	94.5
52	27.3	12.8	38.4



#36
1,2-Dichloroethane
Concen: 21.329 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:	62	Resp:	123858
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.4	12.6





#37

Trichloroethene

Concen: 19.613 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

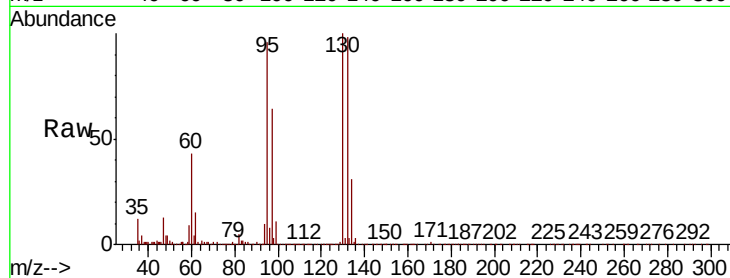
VSTDCCC020

Tot Ion:130 Resp: 89607

Ion Ratio Lower Upper

130 100

95 95.9 71.7 107.5

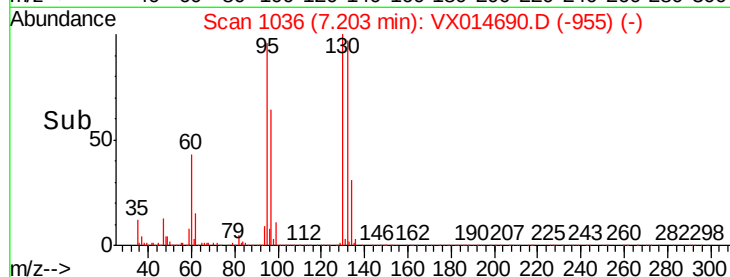


Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

Time-->



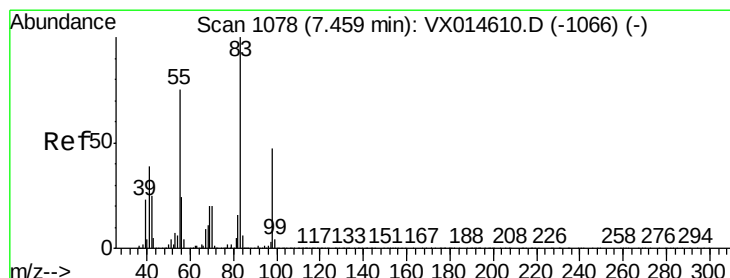
Abundance

Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

Time-->



#38

Methylcyclohexane

Concen: 17.870 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

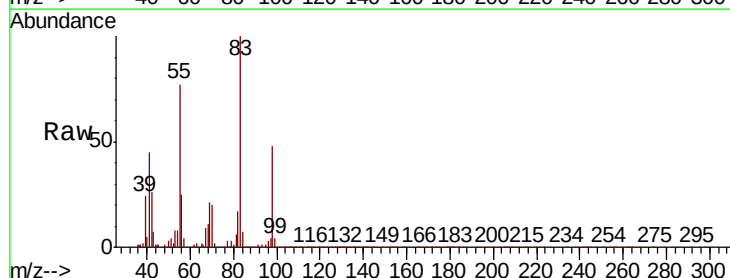
Tgt Ion: 83 Resp: 120146

Ion Ratio Lower Upper

83 100

55 77.2 39.4 118.1

98 48.5 25.1 75.3



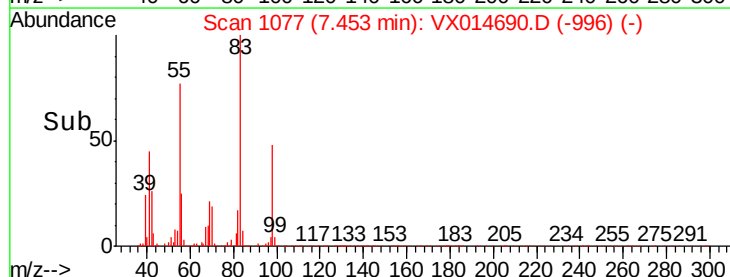
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

Time-->



Abundance

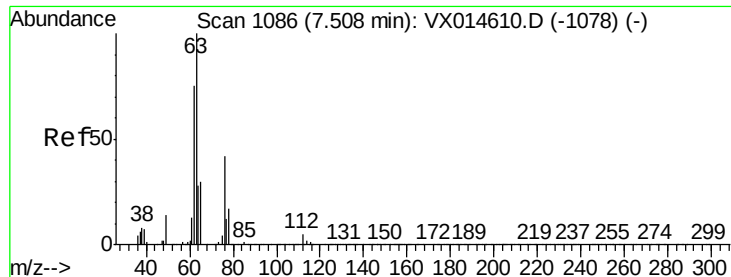
Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

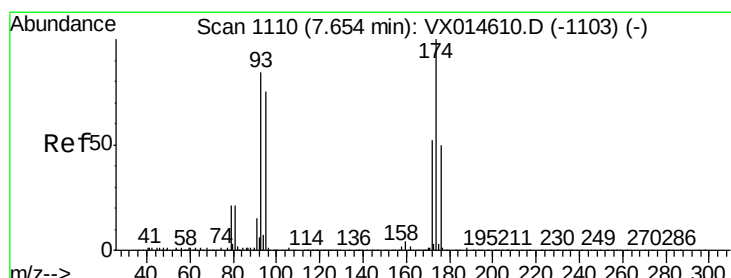
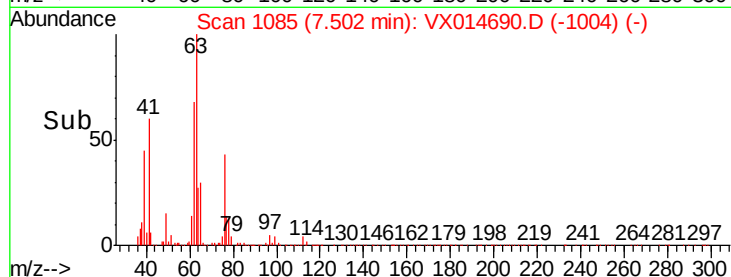
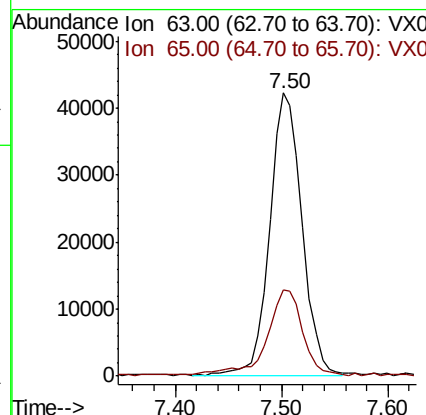
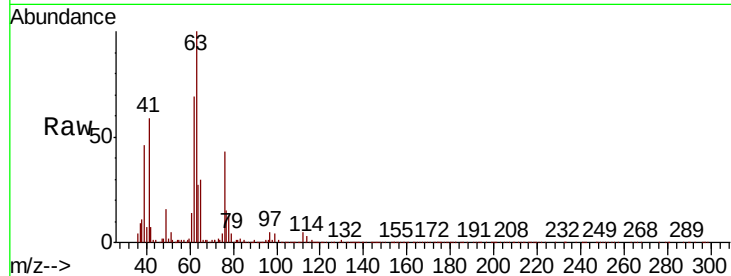
Time-->



#39
 1,2-Dichloropropane
 Concen: 20.459 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

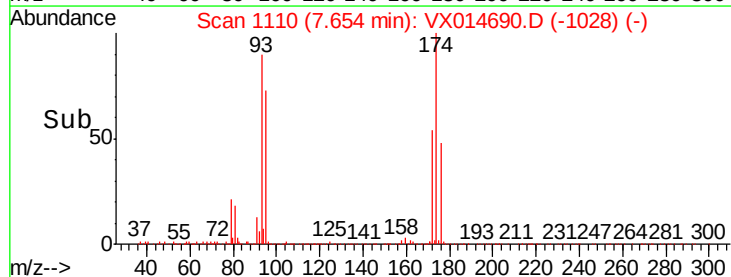
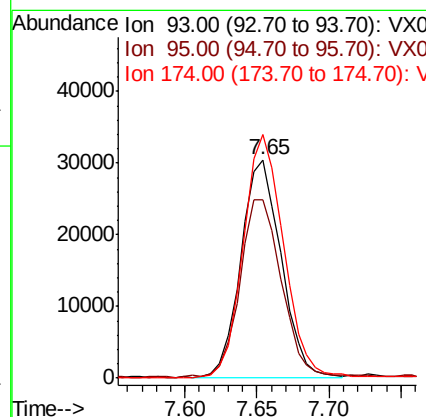
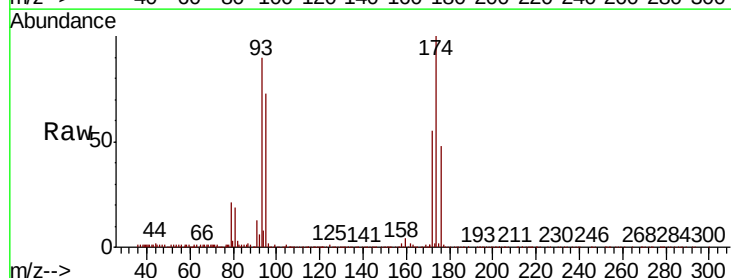
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

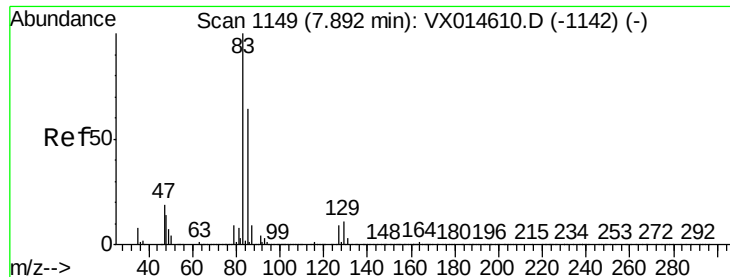
Tot Ion: 63 Resp: 88772
 Ion Ratio Lower Upper
 63 100
 65 29.8 22.1 33.1



#40
 Dibromomethane
 Concen: 21.017 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion: 93 Resp: 58607
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 164.4
 174 113.2 0.0 228.8





#41

Bromodichloromethane

Concen: 20.532 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

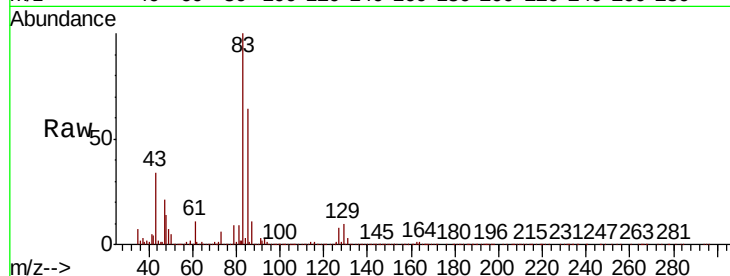
Tot Ion: 83 Resp: 112124

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.6	77.4
127	8.0	6.0	9.0

83 100

85 63.6 51.6 77.4

127 8.0 6.0 9.0

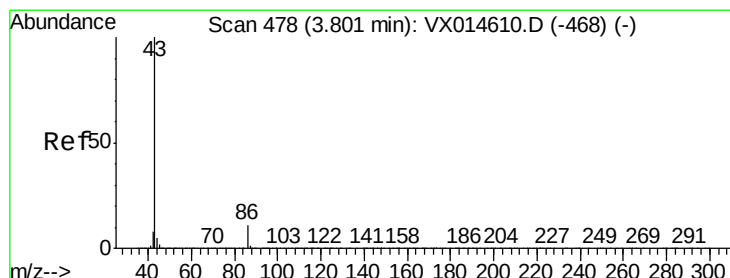
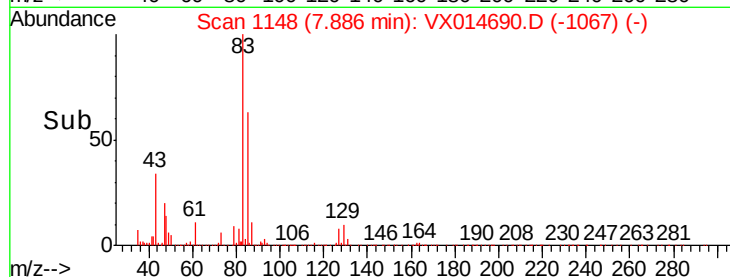
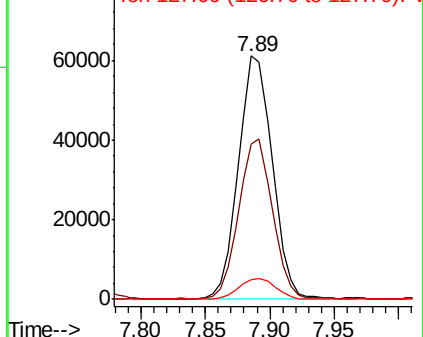


Abundance

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: 104.790 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014690.D

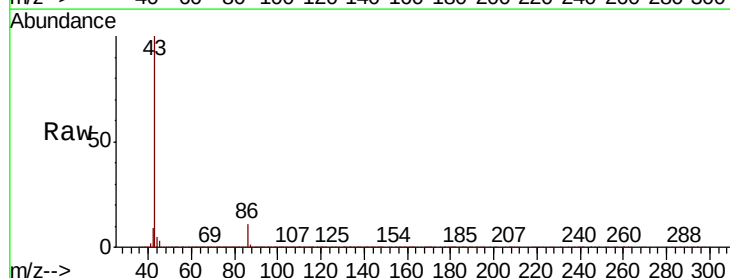
Acq: 24 Jan 2020 11:56

Tgt Ion: 43 Resp: 1104828

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.7	11.5

43 100

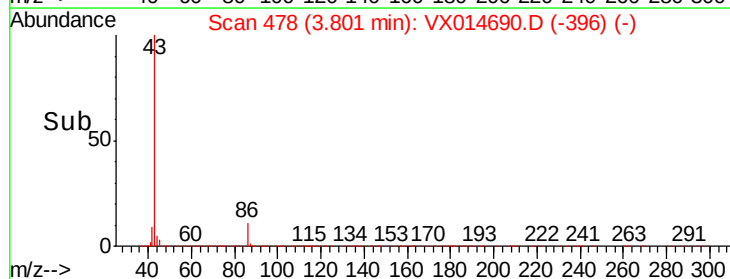
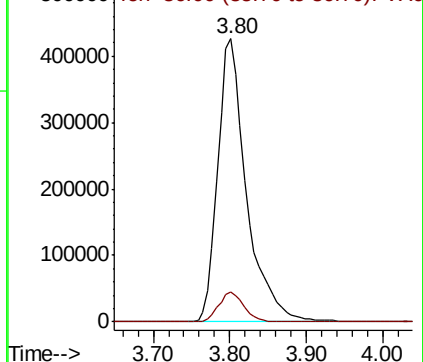
86 9.3 7.7 11.5

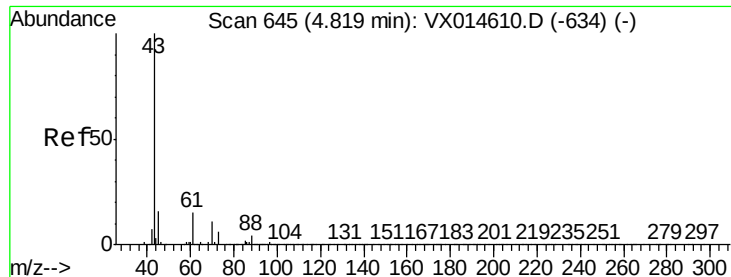


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

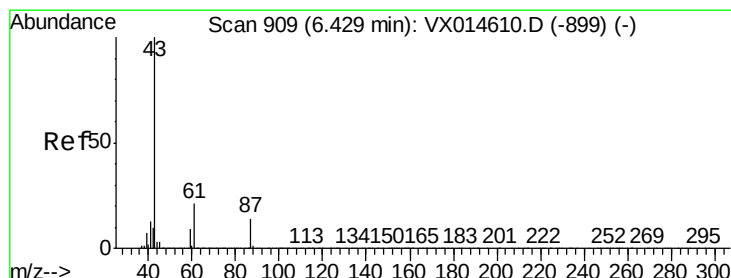
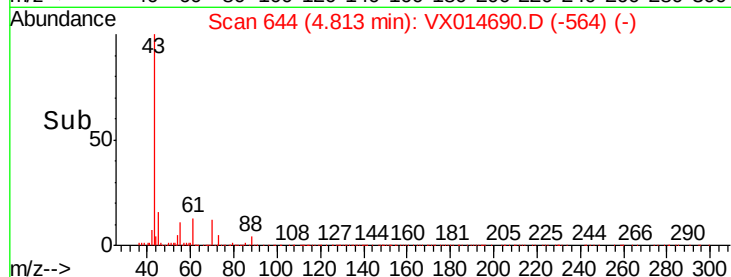
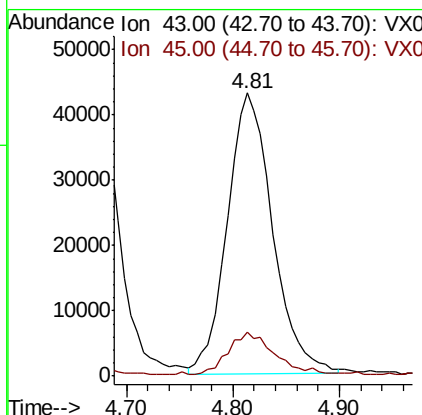
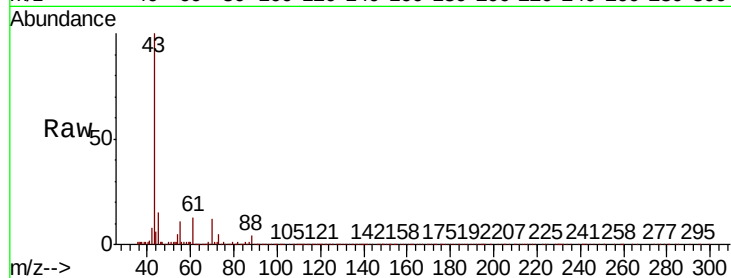




#43
Ethyl Acetate
Concen: 20.723 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

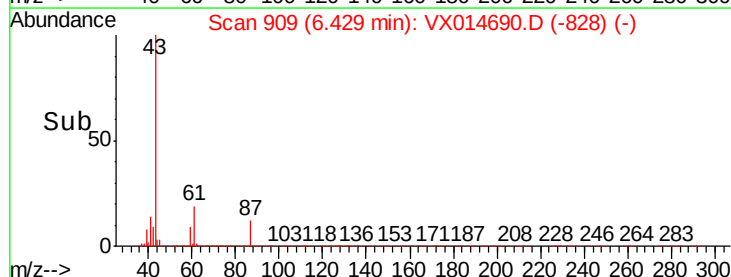
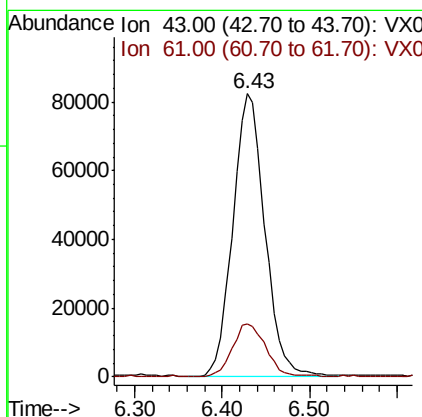
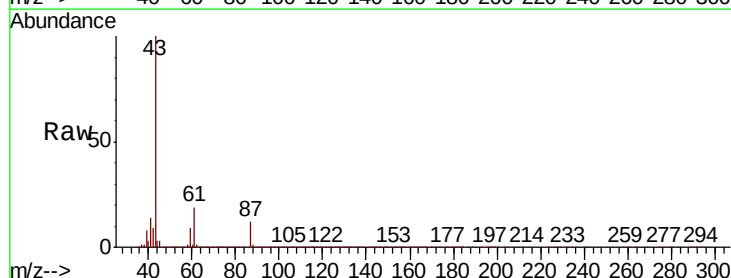
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

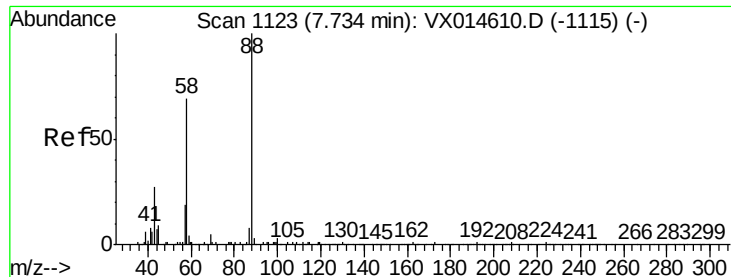
Tot Ion: 43 Resp: 128322
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.804 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 43 Resp: 207821
Ion Ratio Lower Upper
43 100
61 19.2 15.9 23.9





#45

1,4-Dioxane

Concen: 416.005 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

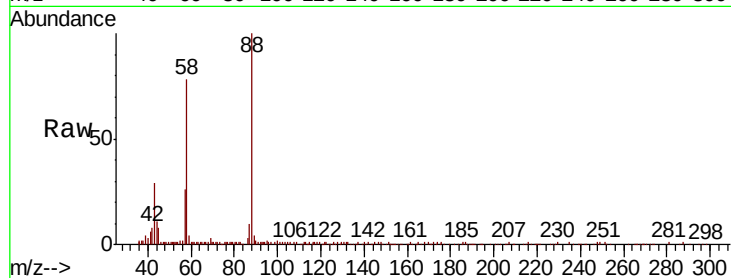
Tot Ion: 88 Resp: 41569

Ion Ratio Lower Upper

88 100

43 36.0 25.4 38.2

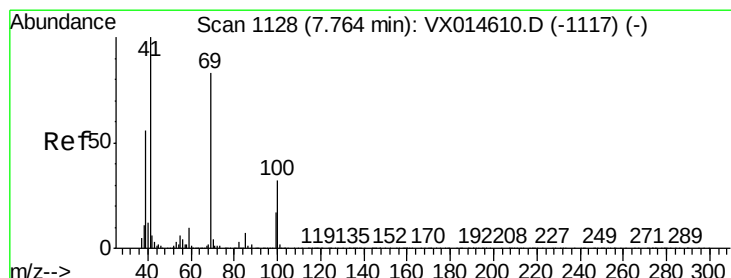
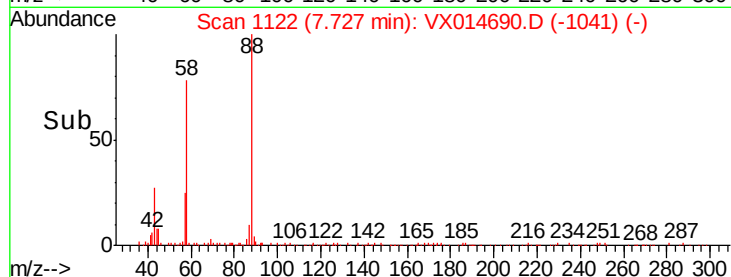
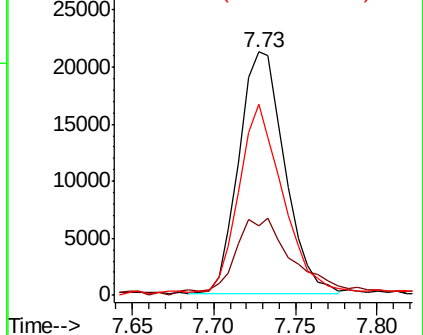
58 75.0 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 20.432 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

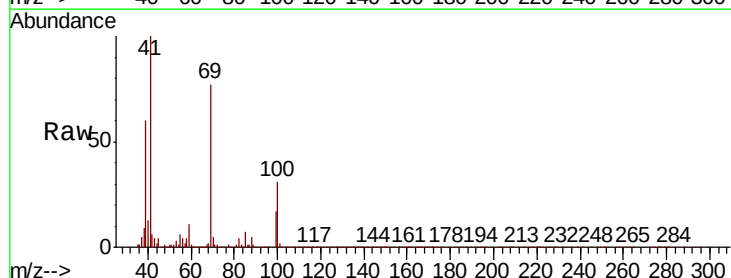
Tgt Ion: 41 Resp: 100369

Ion Ratio Lower Upper

41 100

69 77.0 40.6 122.0

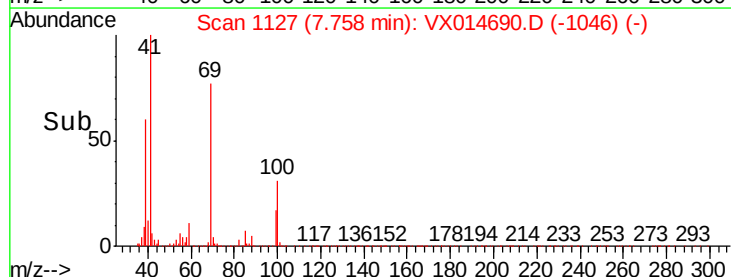
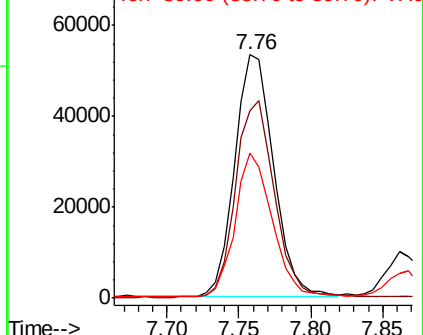
39 59.4 27.8 83.3

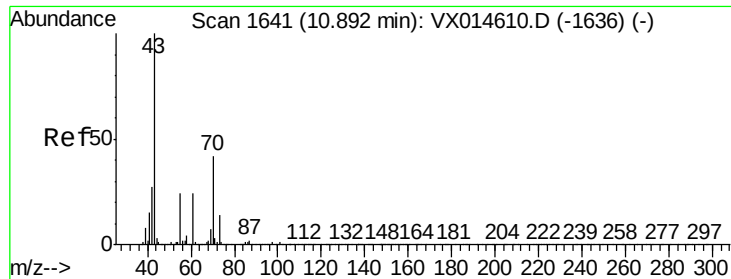


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

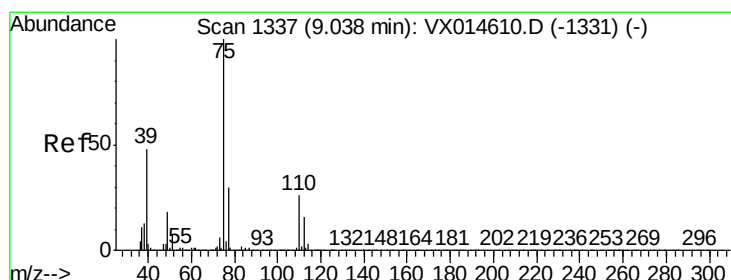
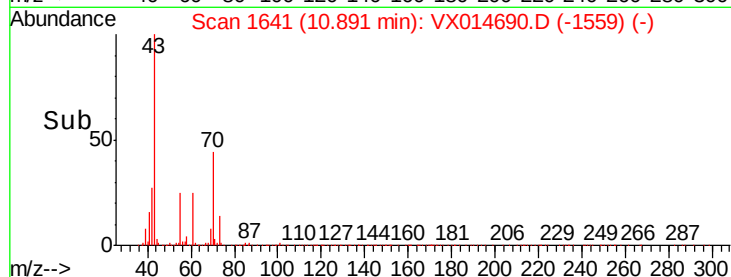
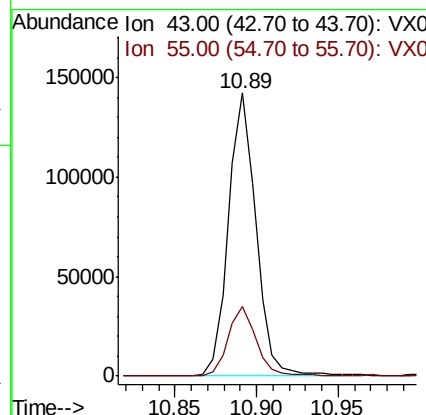
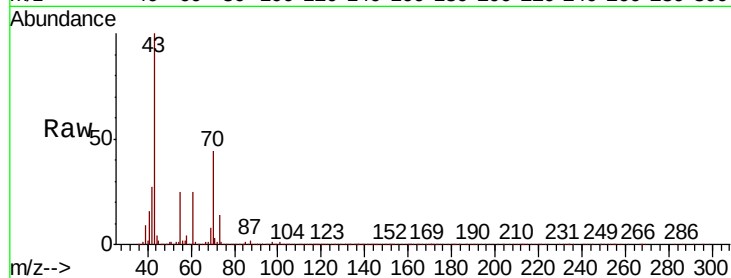




#47
n-amvl Acetate
Concen: 19.793 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

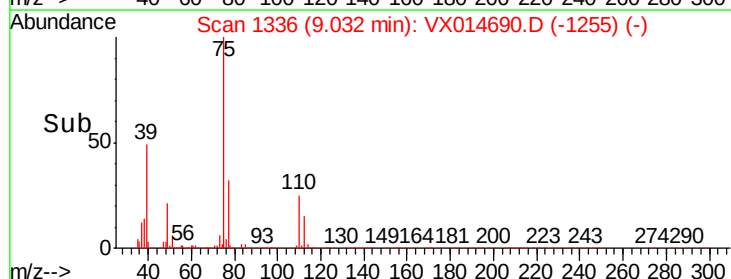
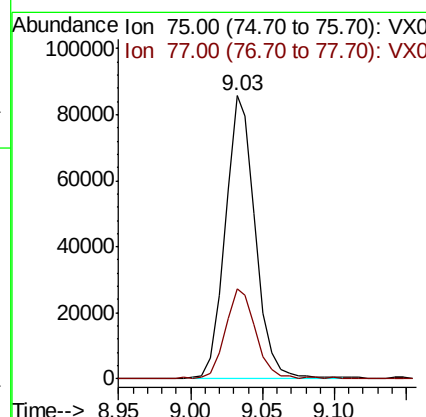
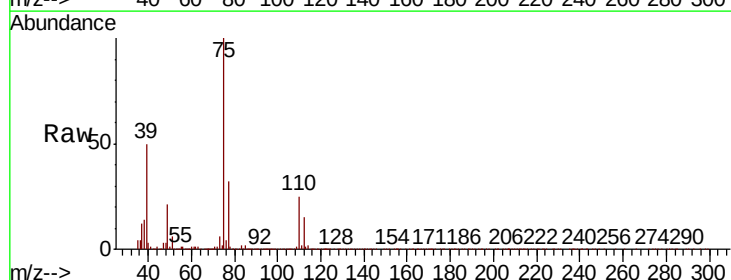
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

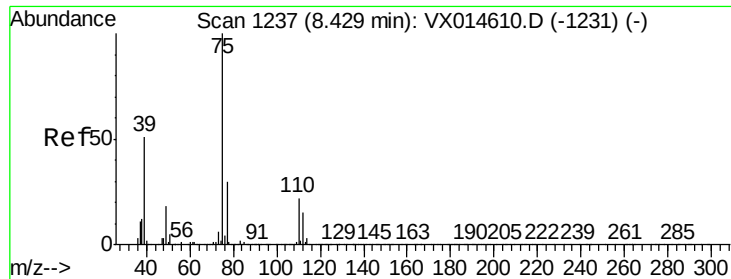
Tot Ion: 43 Resp: 165668
Ion Ratio Lower Upper
43 100
55 25.0 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 20.755 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 75 Resp: 123742
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



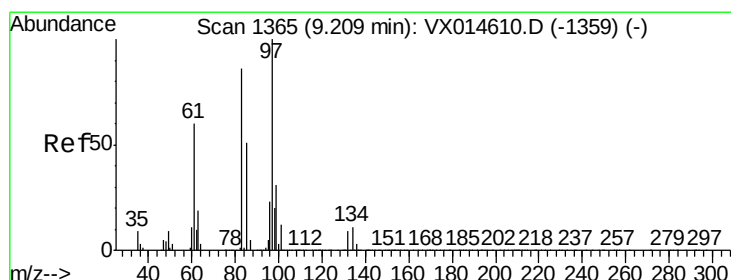
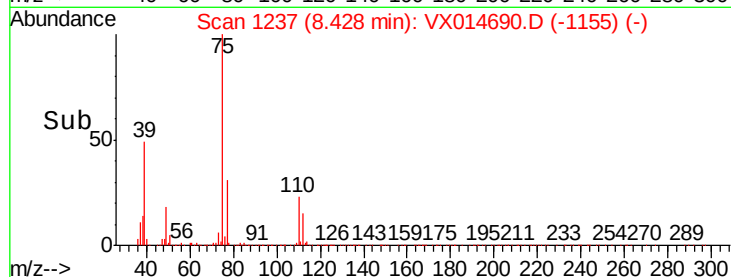
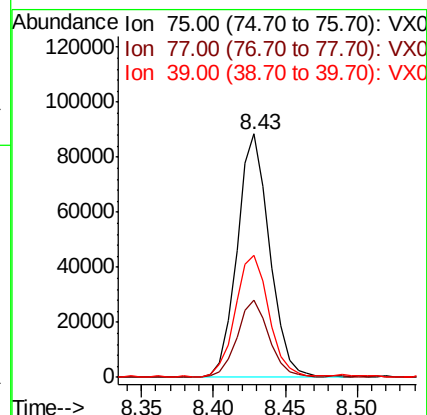
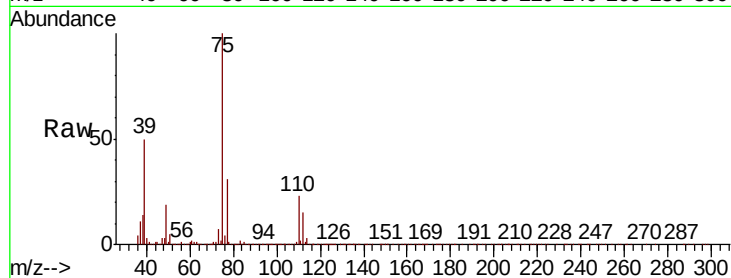


#49

cis-1,3-Dichloropropene
Concen: 20.545 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

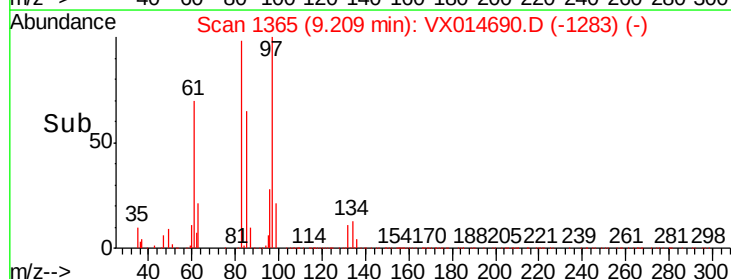
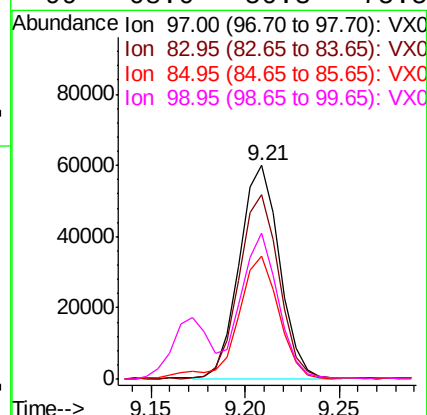
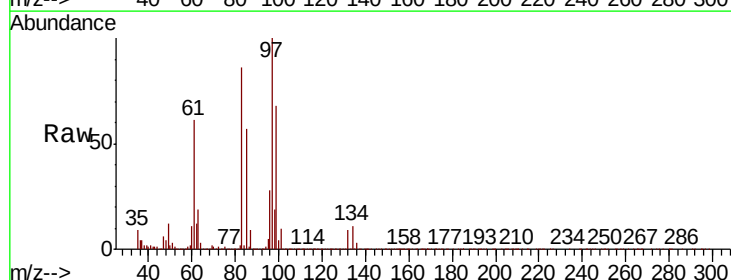
Tot Ion:	75	Resp:	138015
Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	49.7	41.1	61.7

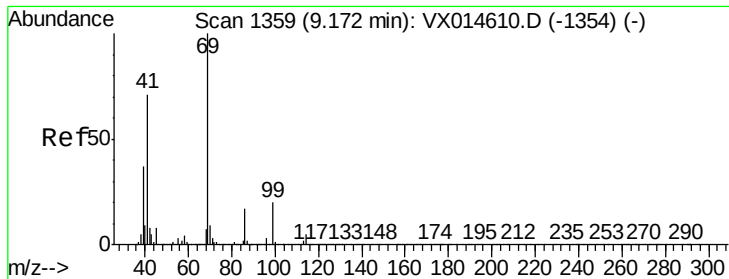


#50

1,1,2-Trichloroethane
Concen: 20.846 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:	97	Resp:	88454
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.1	102.1
85	57.3	42.7	64.1
99	68.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.260 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

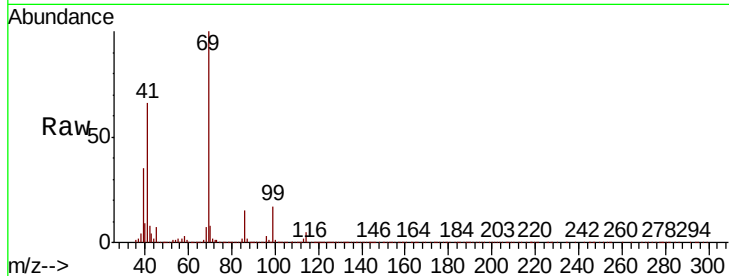
Tot Ion: 69 Resp: 133857

Ion Ratio Lower Upper

69 100

41 66.0 35.4 106.1

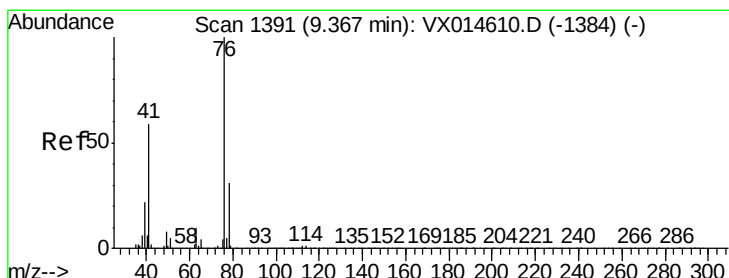
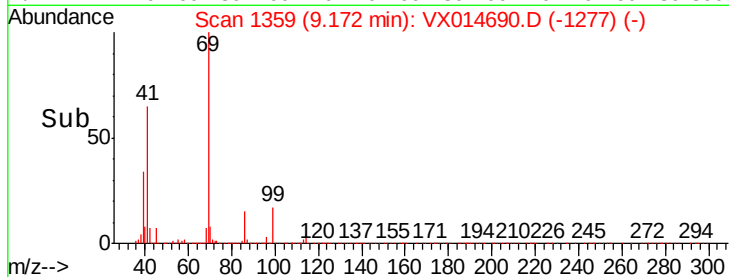
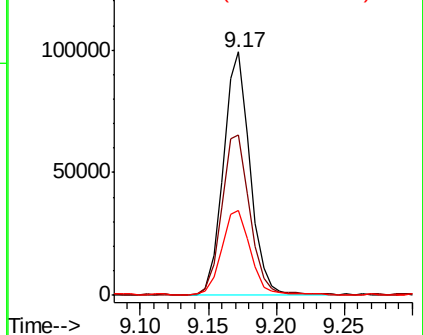
39 34.3 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.886 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014690.D

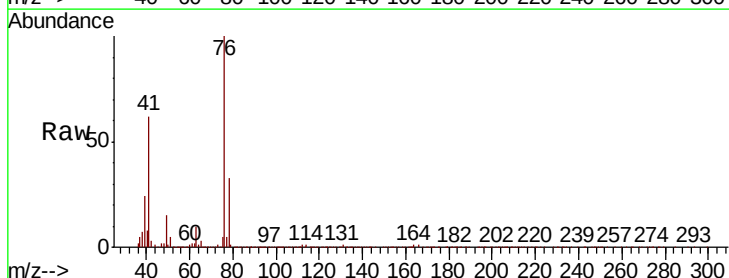
Acq: 24 Jan 2020 11:56

Tgt Ion: 76 Resp: 150154

Ion Ratio Lower Upper

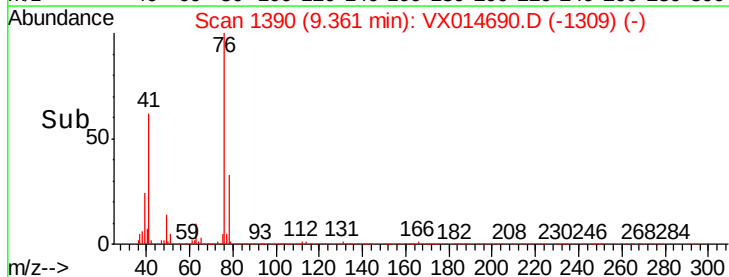
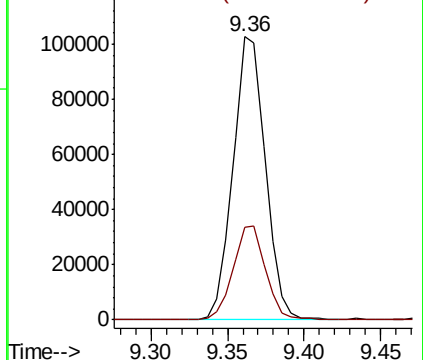
76 100

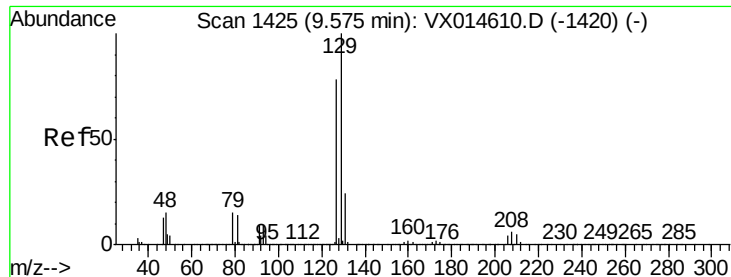
78 33.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.839 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

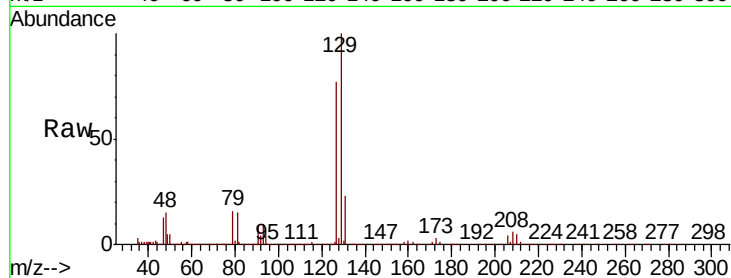
VSTDCCC020

Tot Ion:129 Resp: 90446

Ion Ratio Lower Upper

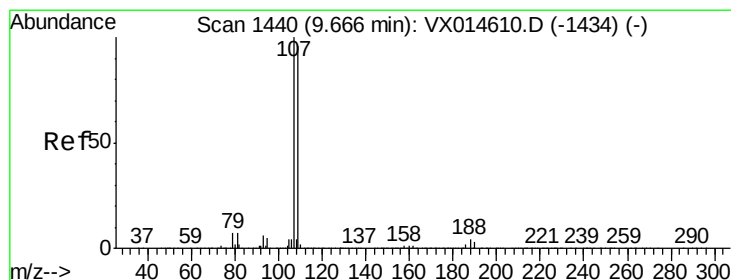
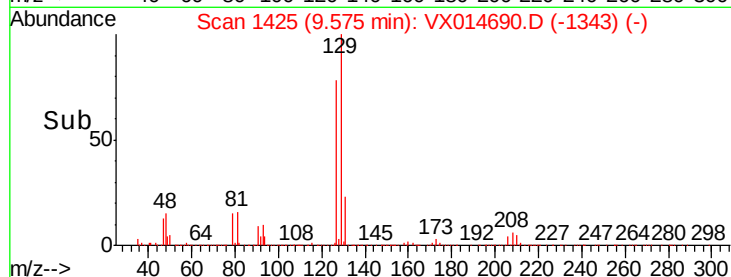
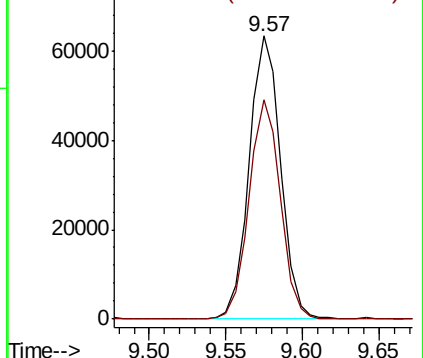
129 100

127 77.1 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.332 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014690.D

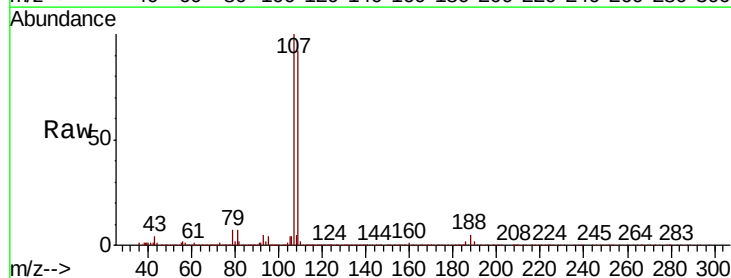
Acq: 24 Jan 2020 11:56

Tgt Ion:107 Resp: 93877

Ion Ratio Lower Upper

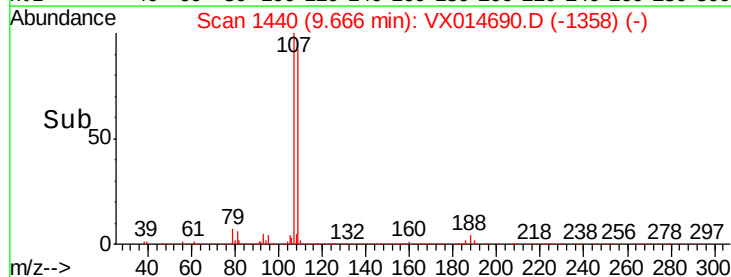
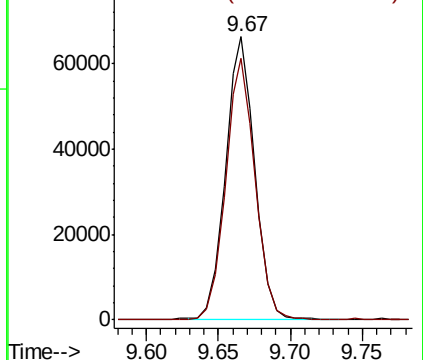
107 100

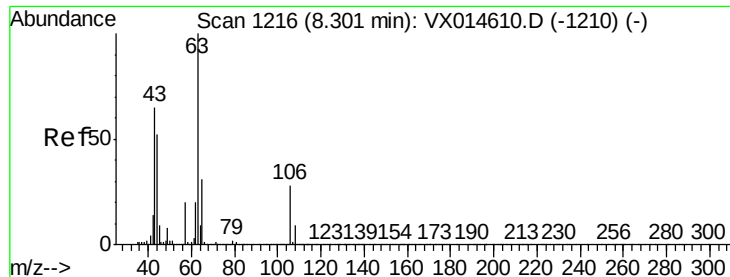
109 93.4 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

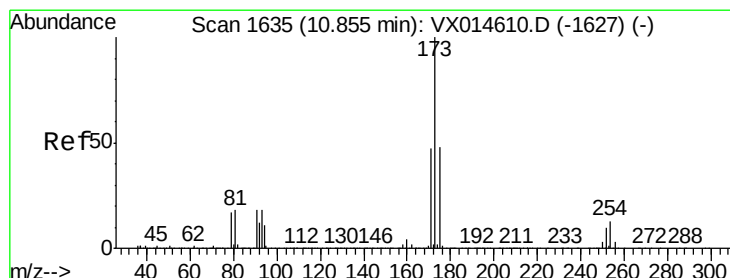
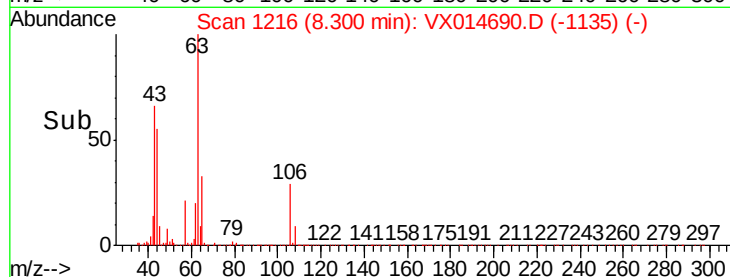
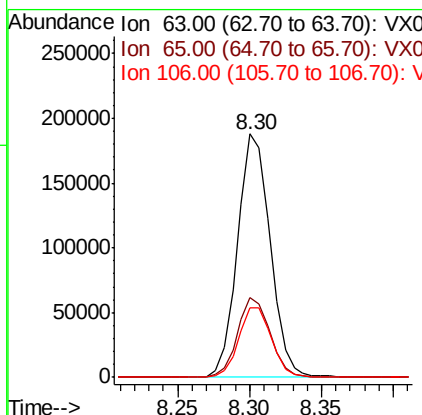
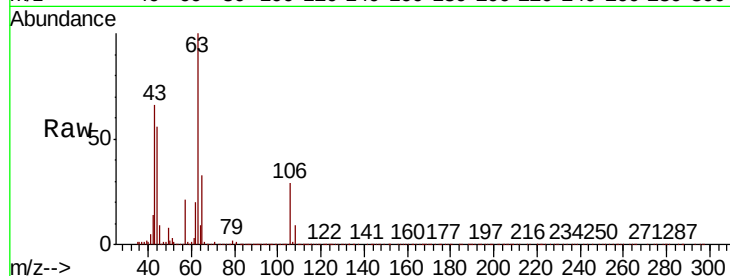




#55
2-Chloroethyl vinyl ether
Concen: 97.610 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

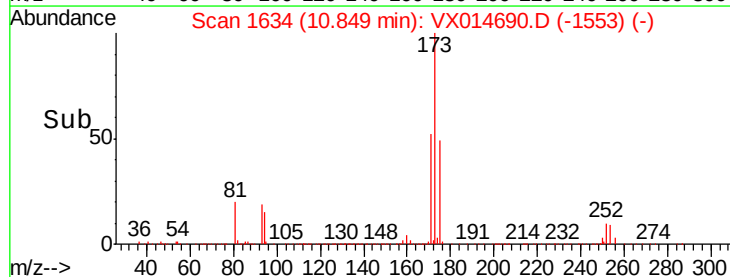
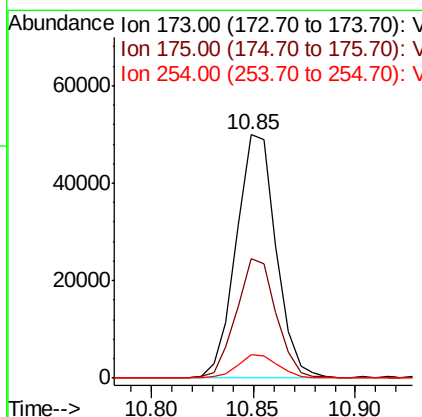
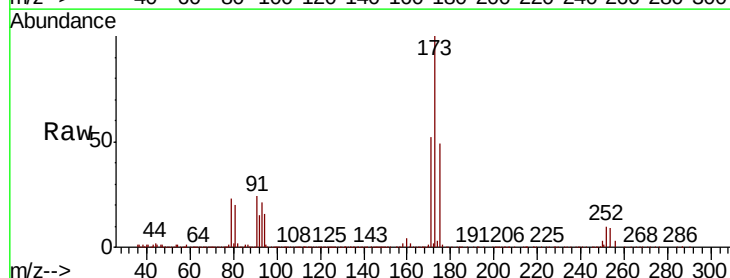
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

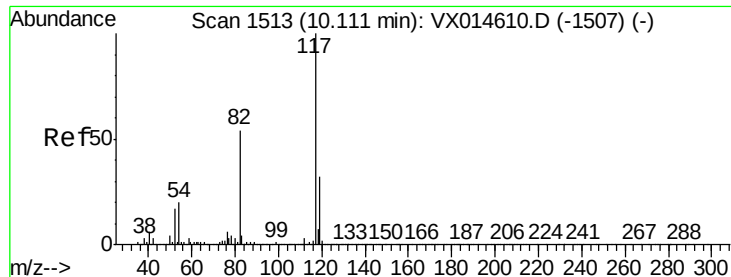
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	29.0	22.9	34.3



#56
Bromoform
Concen: 20.323 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.5	59.3
254	9.8	8.2	12.4

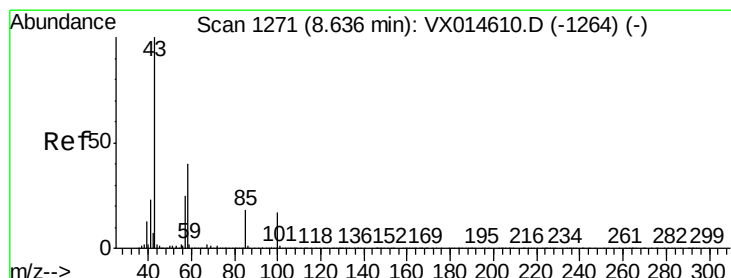
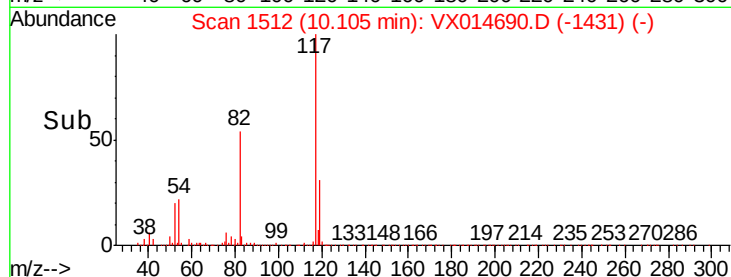
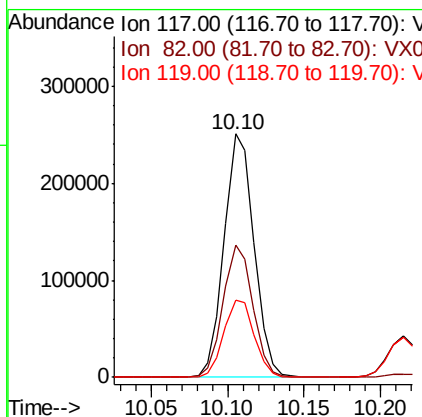
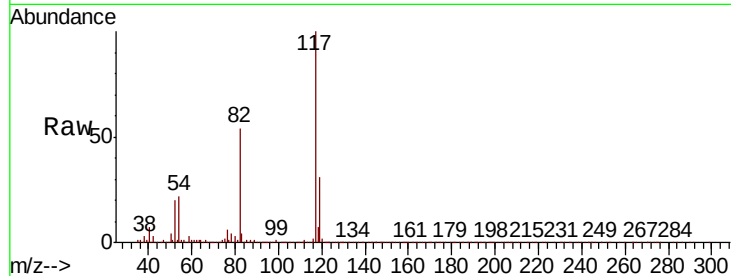




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

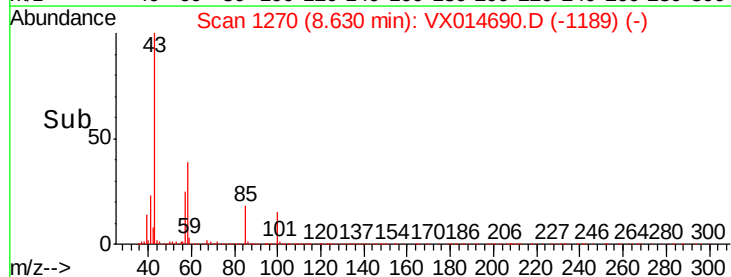
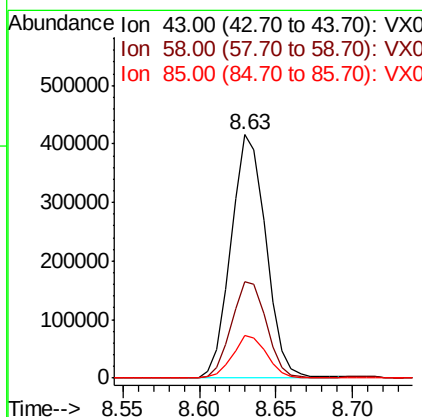
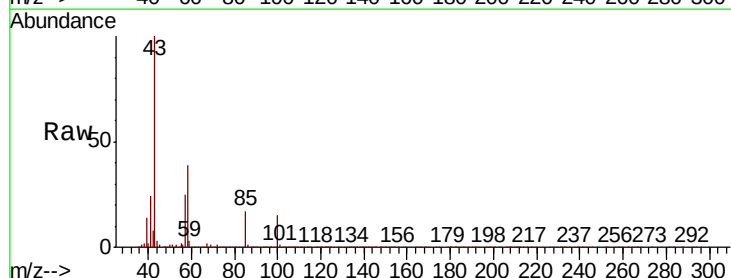
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

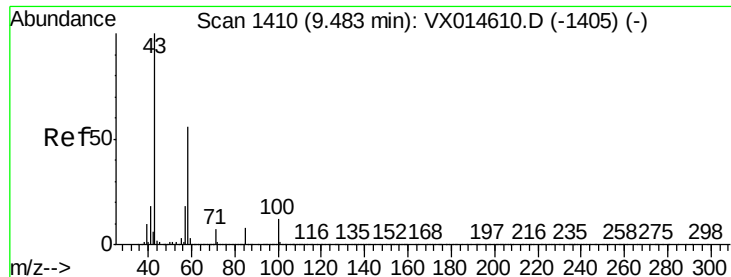
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 102.734 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.2	46.8
85	17.0	14.2	21.2

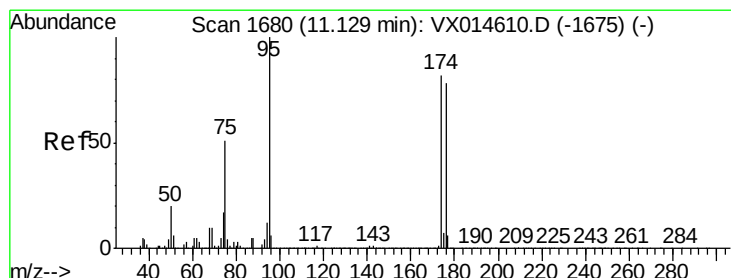
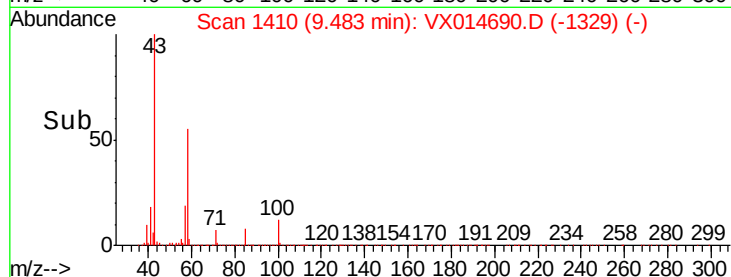
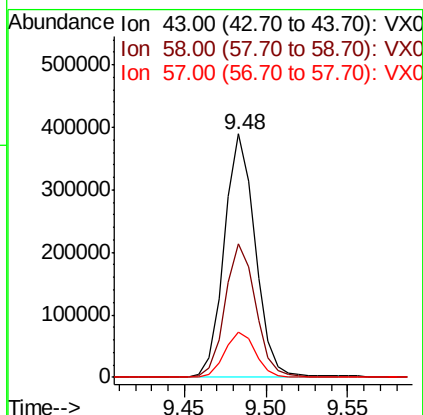
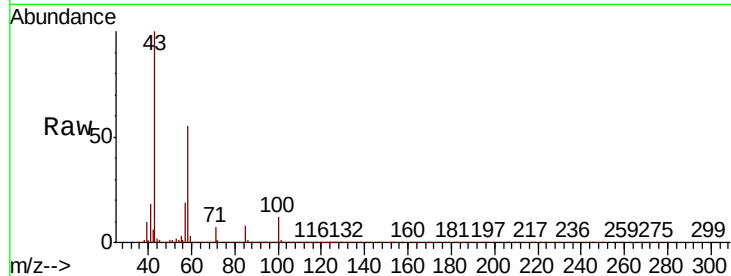




#59
2-Hexanone
Concen: 103.474 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

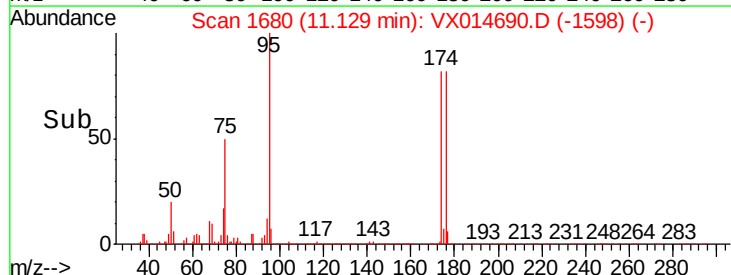
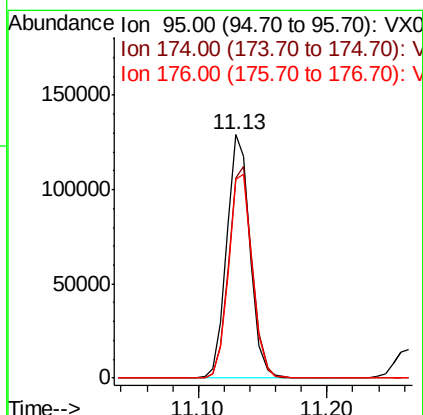
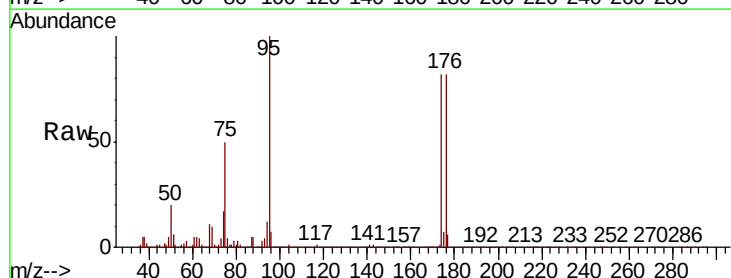
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

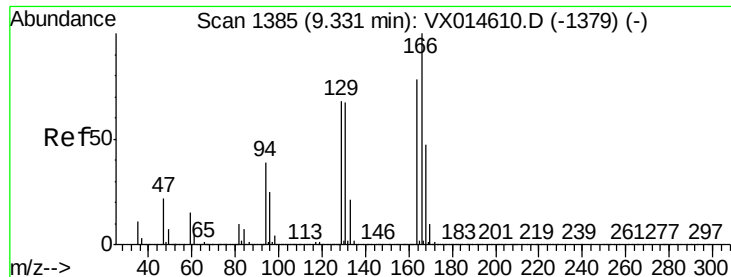
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.8	65.6
57	18.7	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 30.182 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.5	70.2	105.2
176	85.0	68.3	102.5

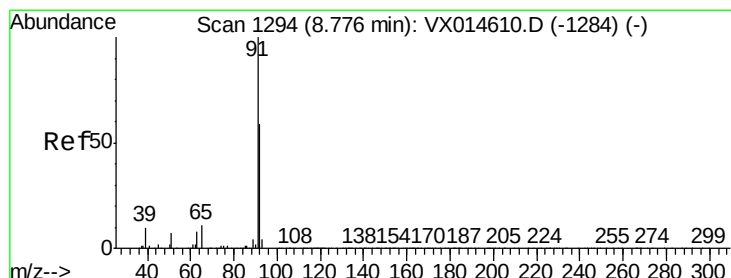
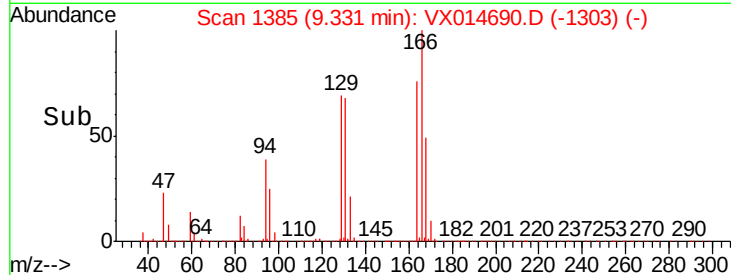
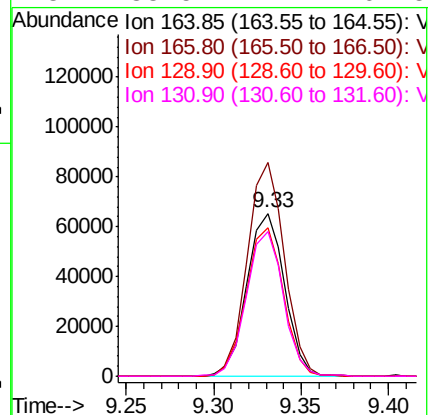
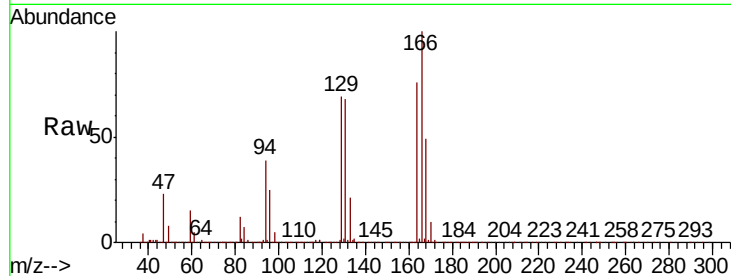




#61
Tetrachloroethene
Concen: 19.438 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

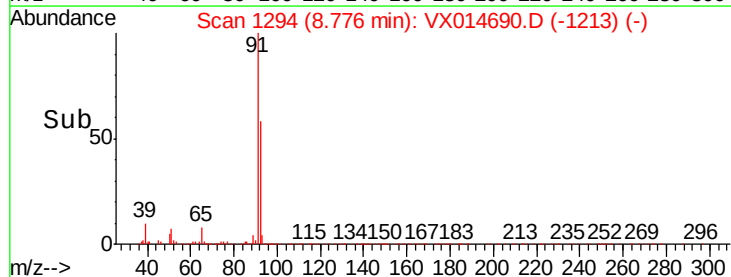
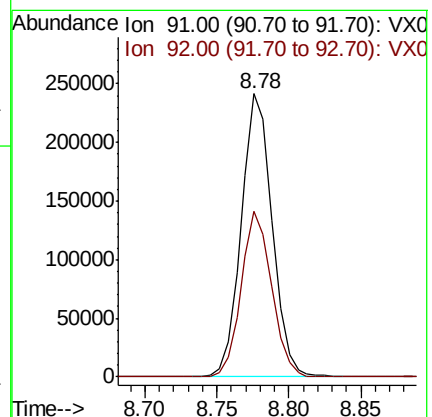
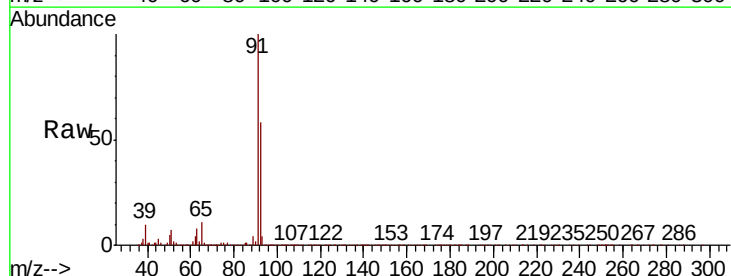
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

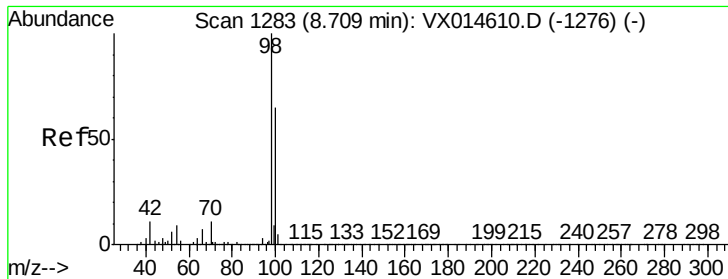
Tot Ion:164 Resp: 97819
Ion Ratio Lower Upper
164 100
166 131.0 104.2 156.2
129 90.8 71.6 107.4
131 88.5 71.7 107.5



#62
Toluene
Concen: 19.849 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 91 Resp: 358538
Ion Ratio Lower Upper
91 100
92 57.5 46.4 69.6





#63

Toluene-d8

Concen: 29.883 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

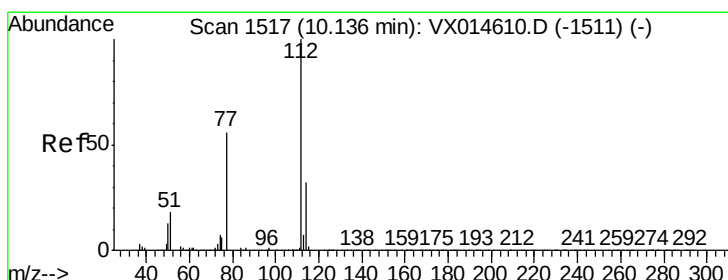
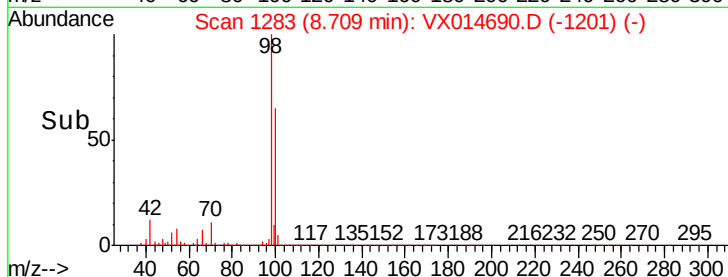
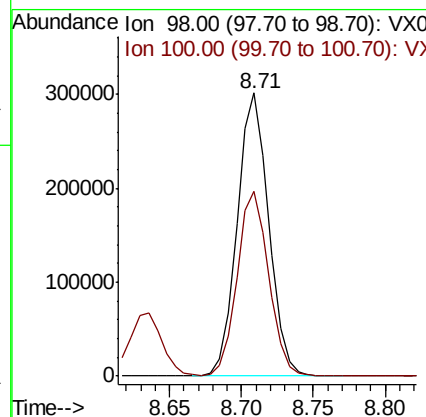
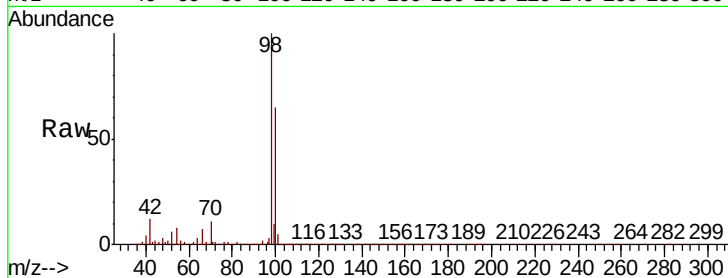
VSTDCCC020

Tot Ion: 98 Resp: 459553

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#64

Chlorobenzene

Concen: 20.032 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014690.D

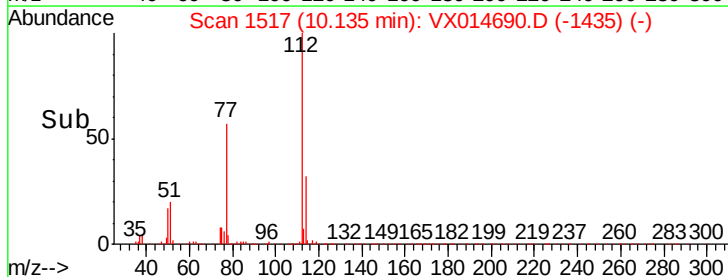
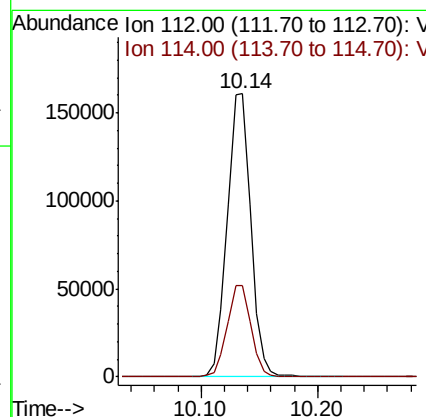
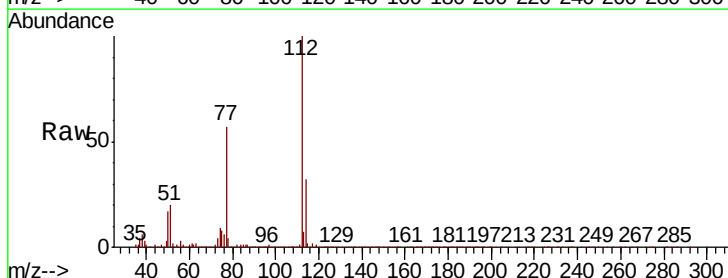
Acq: 24 Jan 2020 11:56

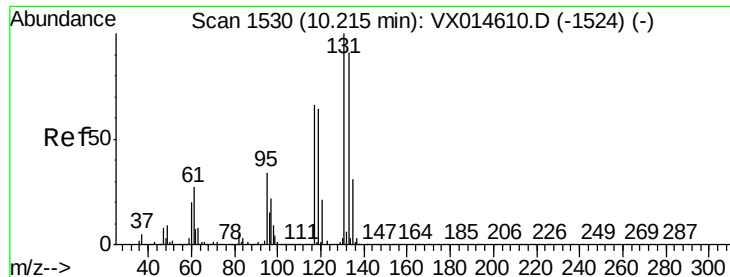
Tgt Ion: 112 Resp: 225887

Ion Ratio Lower Upper

112 100

114 32.2 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.692 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

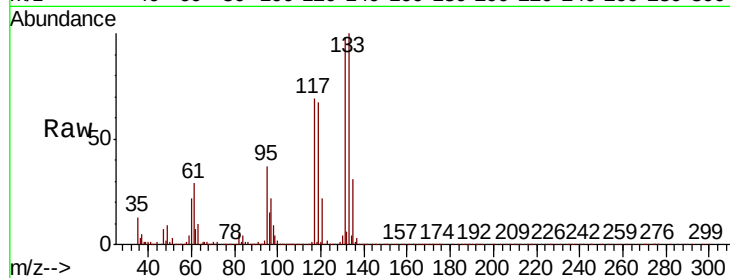
Tot Ion:131 Resp: 82010

Ion Ratio Lower Upper

131 100

133 97.9 0.0 189.8

119 68.1 0.0 132.2

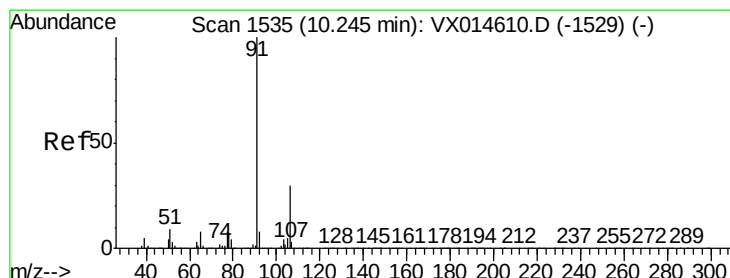
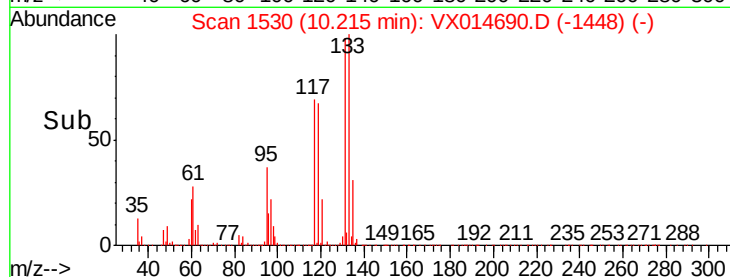
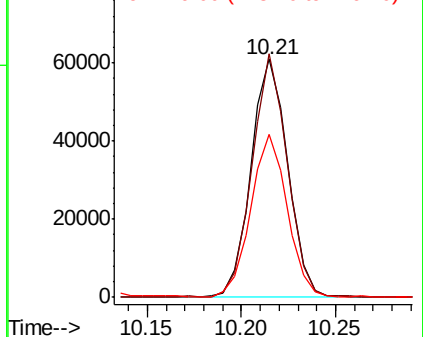


Abundance

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: 19.318 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014690.D

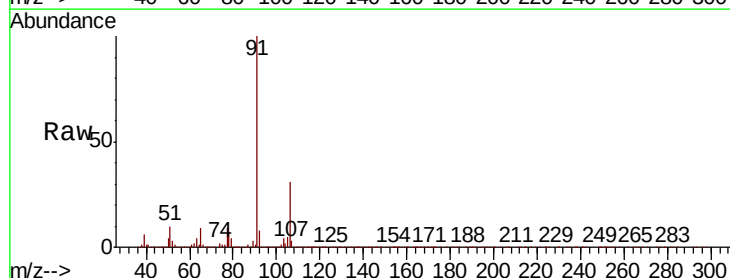
Acq: 24 Jan 2020 11:56

Tgt Ion: 91 Resp: 380088

Ion Ratio Lower Upper

91 100

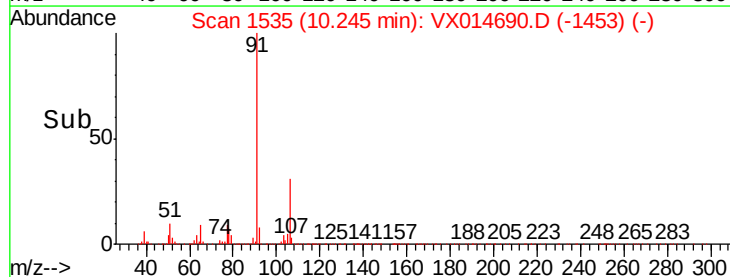
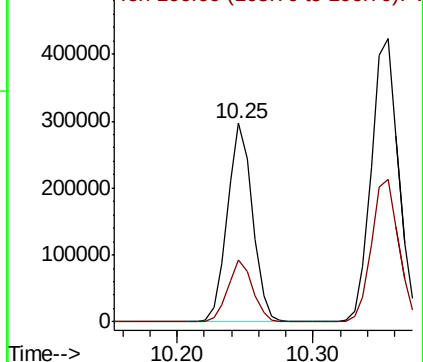
106 31.1 24.2 36.2

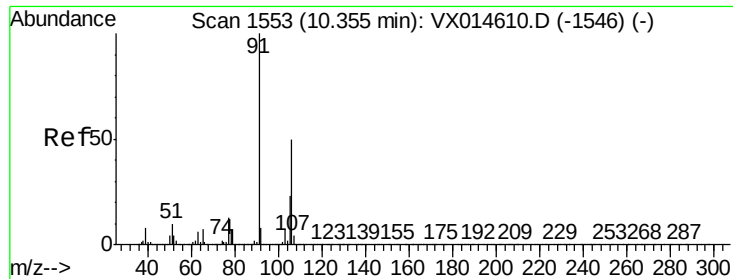


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

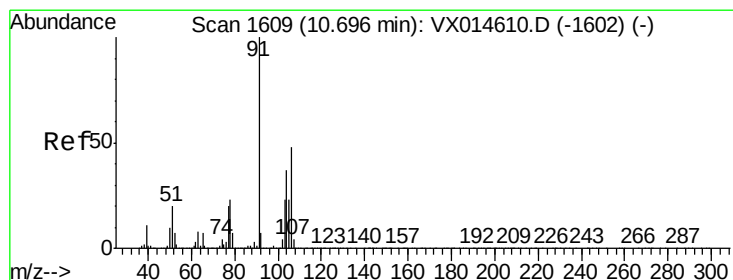
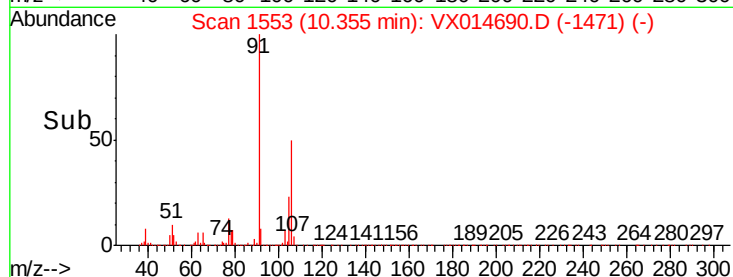
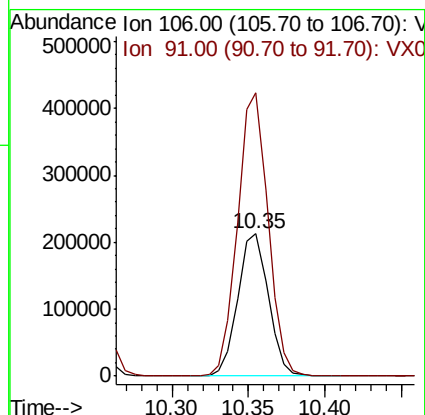
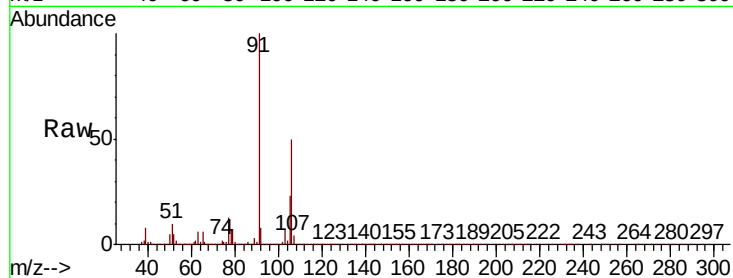




#67
m/p-Xylenes
Concen: 39.159 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

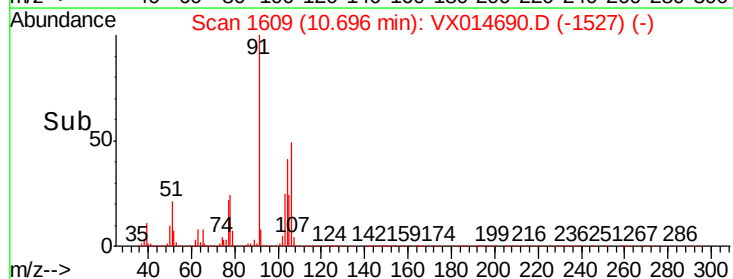
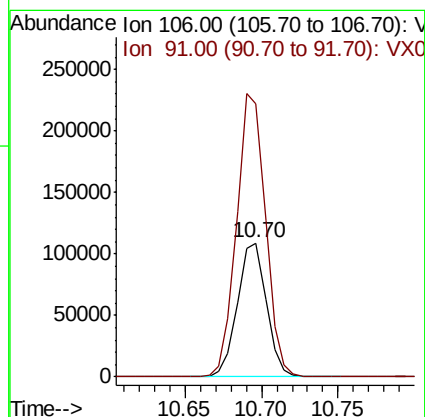
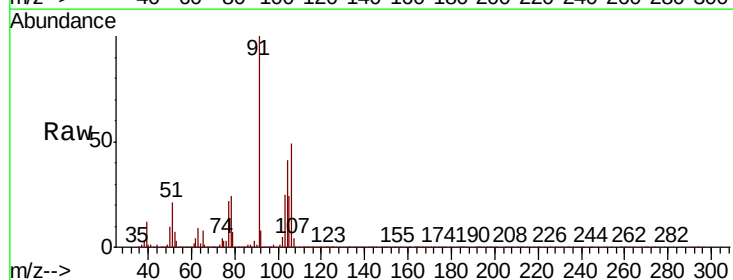
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

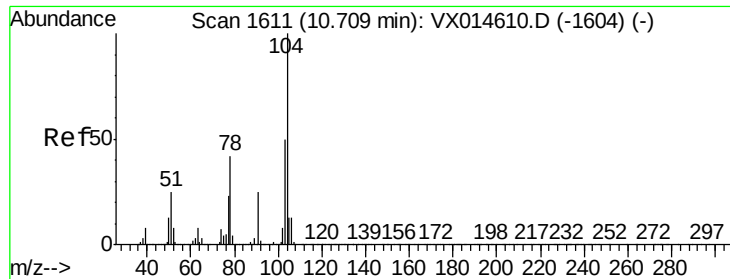
Tot Ion:106 Resp: 295113
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9



#68
o-Xylene
Concen: 19.441 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:106 Resp: 142667
Ion Ratio Lower Upper
106 100
91 211.6 104.8 314.6

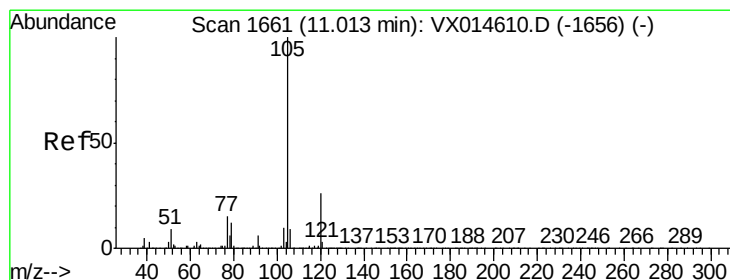
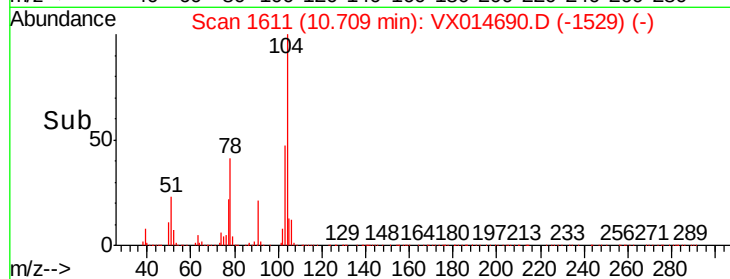
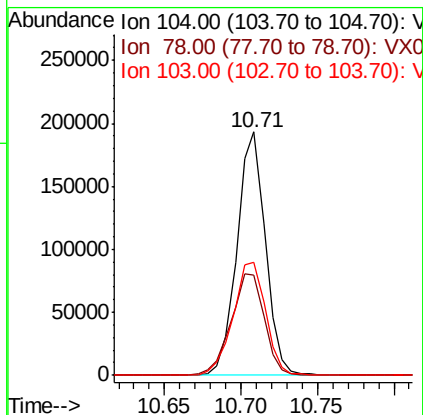
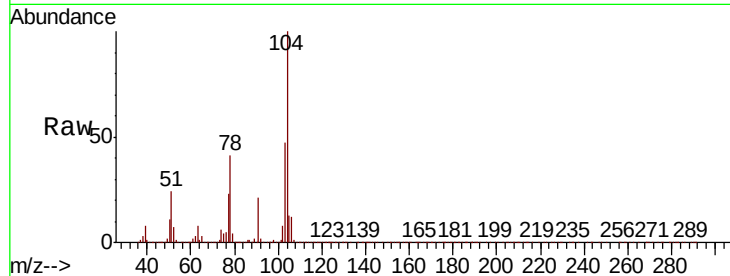




#69
Stvrene
Concen: 19.998 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

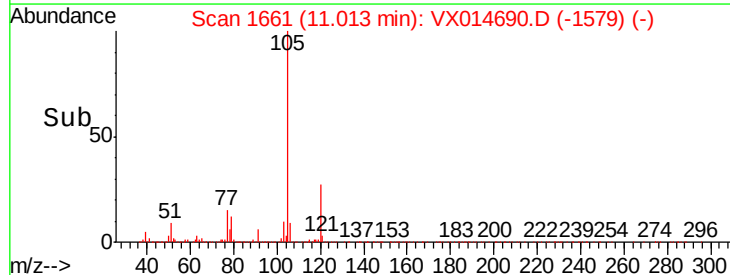
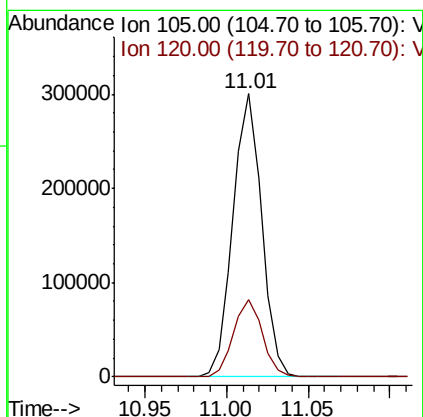
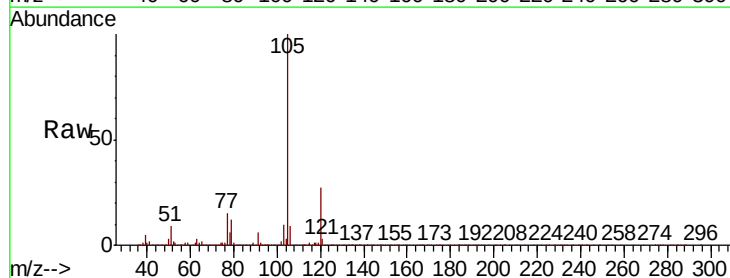
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

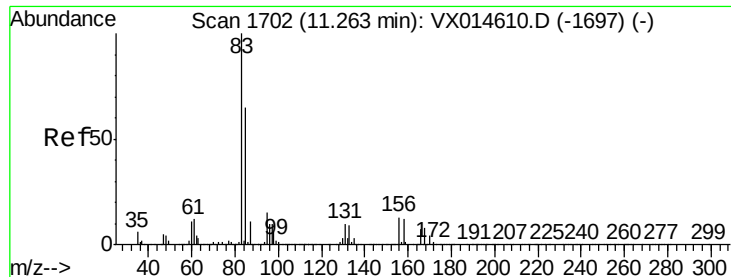
Tot Ion:104 Resp: 248659
Ion Ratio Lower Upper
104 100
78 48.7 38.9 58.3
103 53.4 44.2 66.2



#70
Isopropylbenzene
Concen: 19.142 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:105 Resp: 368007
Ion Ratio Lower Upper
105 100
120 27.3 19.1 35.5

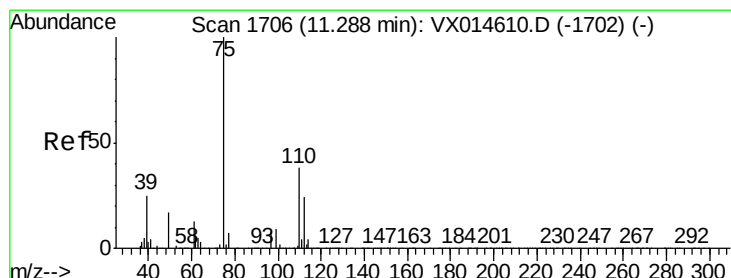
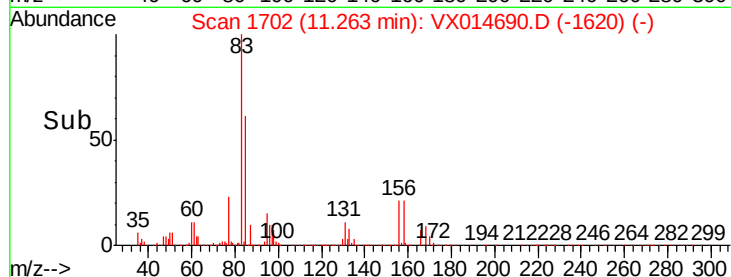
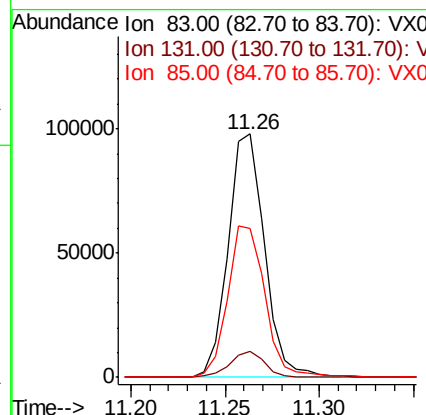
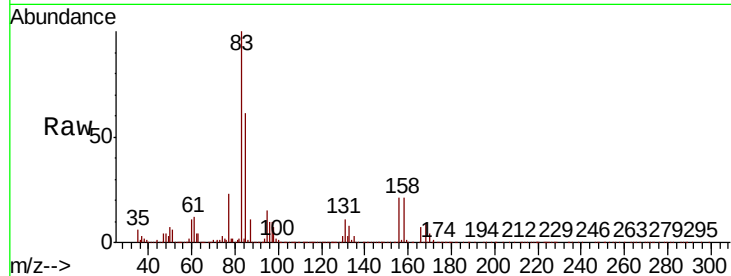




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.202 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

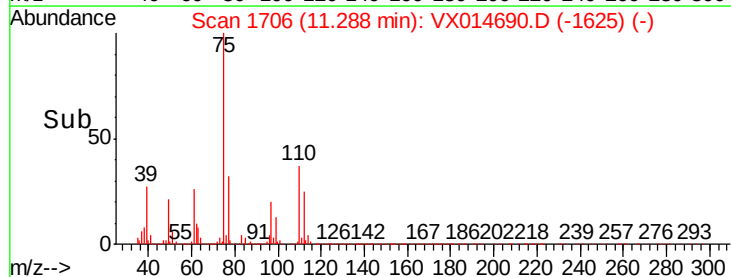
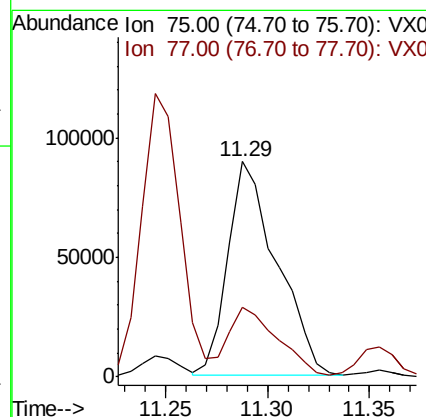
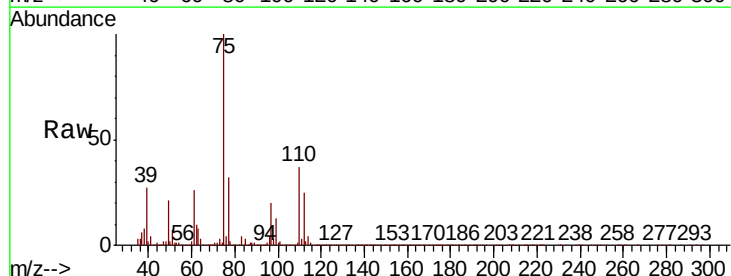
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

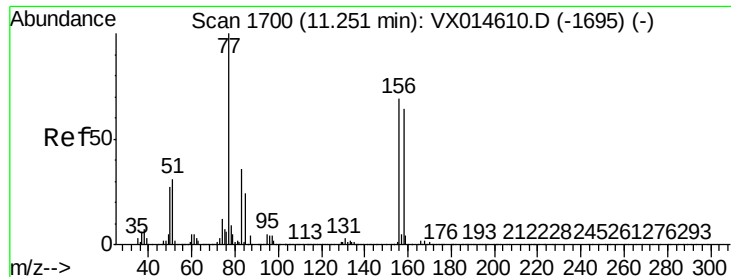
Tot Ion	83	Resp	130832
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	63.8	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 27.036 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion	75	Resp	149766
Ion Ratio	Lower	Upper	
75	100		
77	31.4	0.0	68.4





#73

Bromobenzene

Concen: 19.862 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

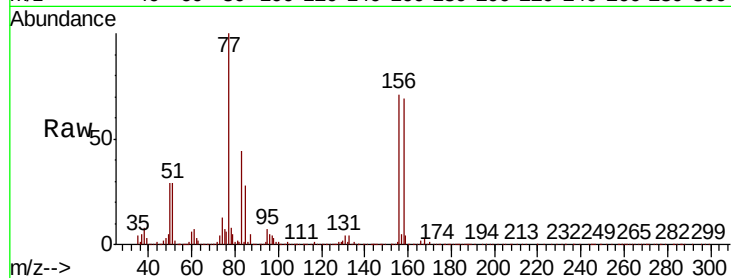
Tot Ion:156 Resp: 101223

Ion Ratio Lower Upper

156 100

77 152.4 0.0 304.6

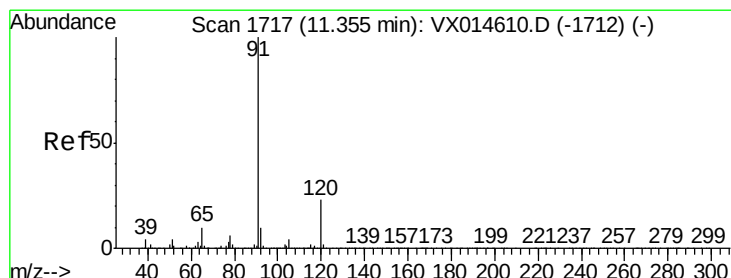
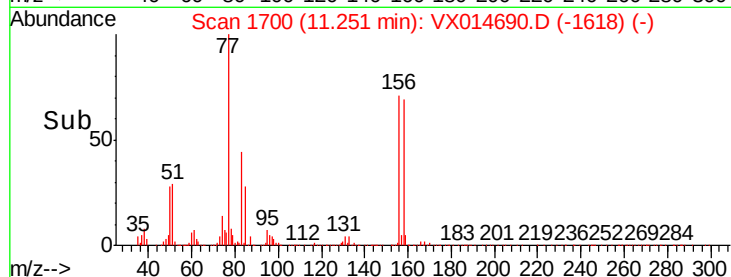
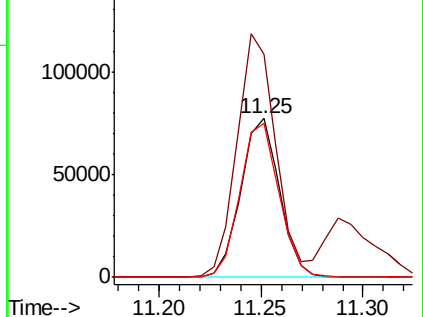
158 98.9 0.0 195.2



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: 19.243 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014690.D

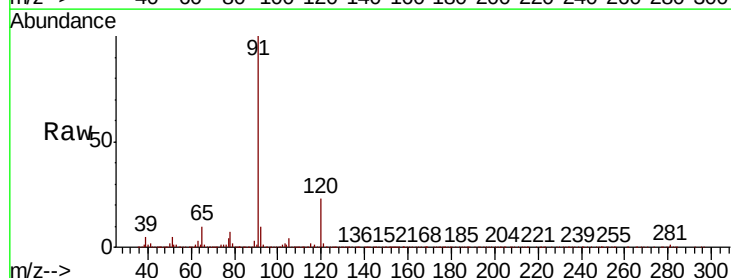
Acq: 24 Jan 2020 11:56

Tgt Ion: 91 Resp: 422736

Ion Ratio Lower Upper

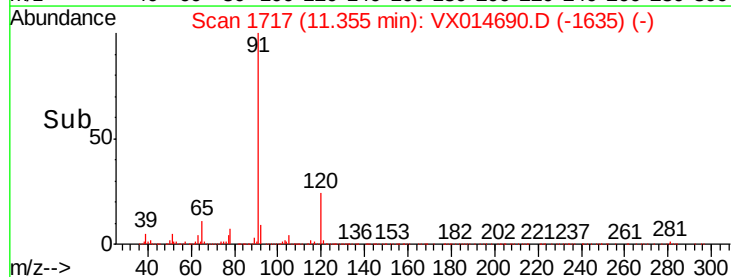
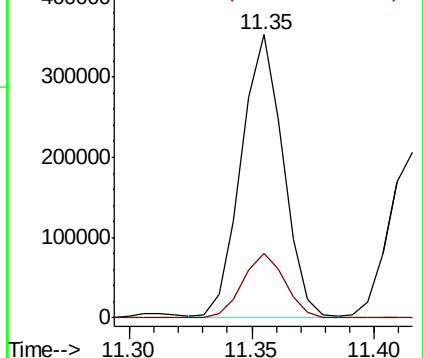
91 100

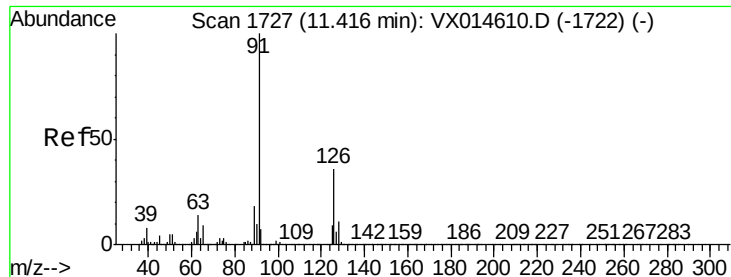
120 22.8 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.638 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

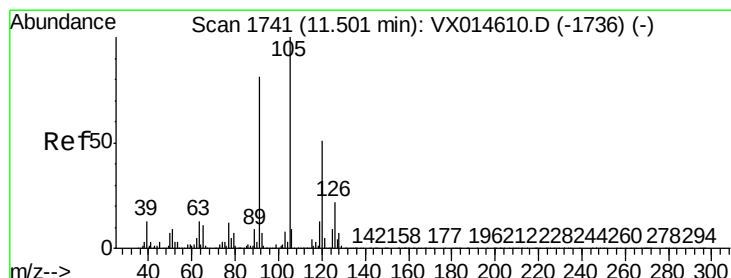
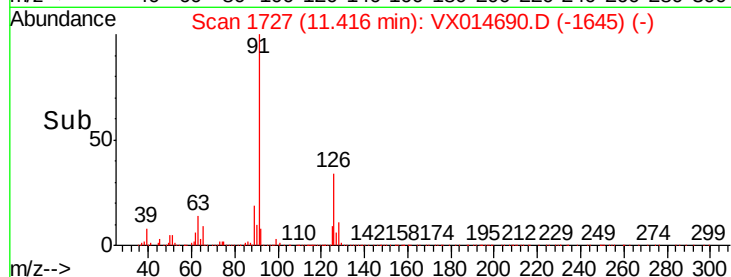
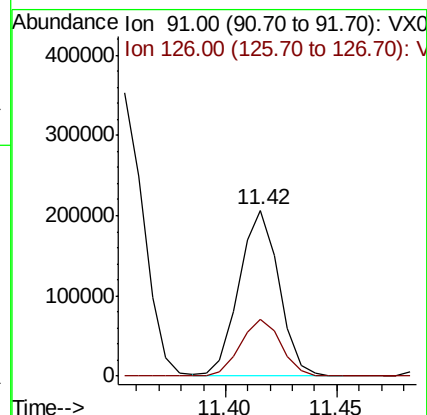
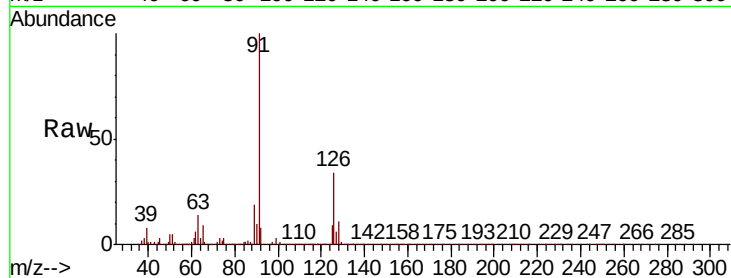
VSTDCCC020

Tot Ion: 91 Resp: 258566

Ion Ratio Lower Upper

91 100

126 34.8 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.407 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014690.D

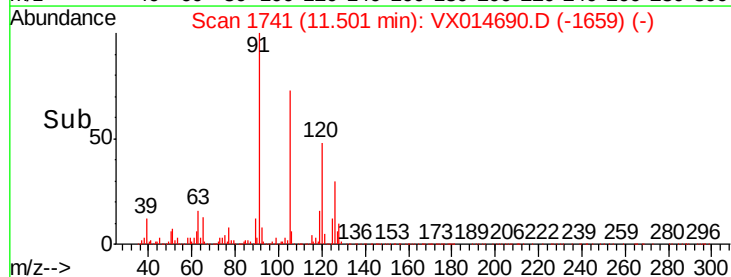
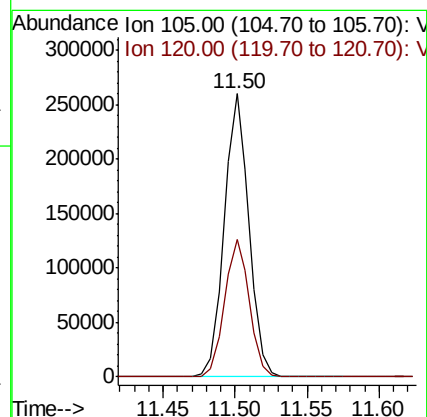
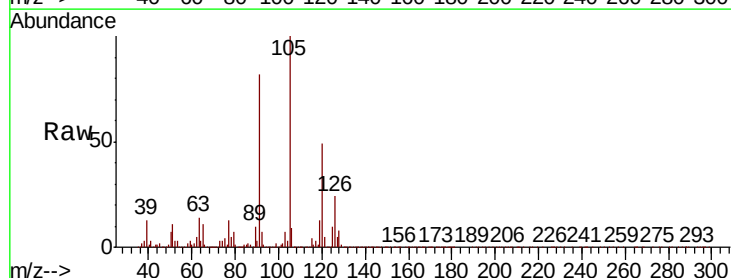
Acq: 24 Jan 2020 11:56

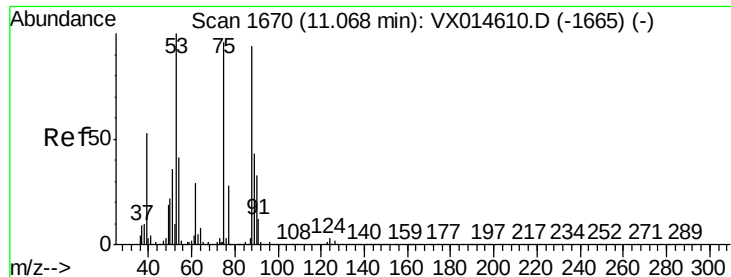
Tgt Ion: 105 Resp: 310893

Ion Ratio Lower Upper

105 100

120 48.9 0.0 100.6

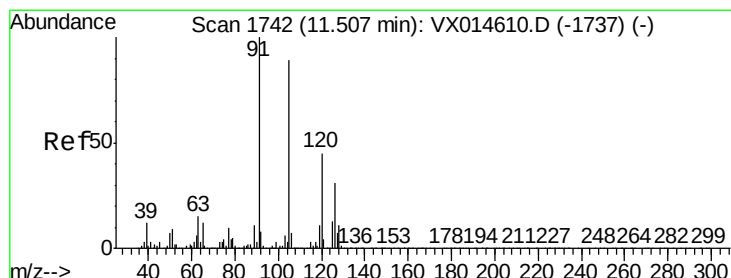
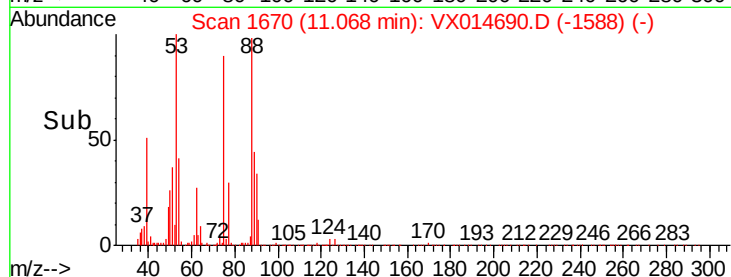
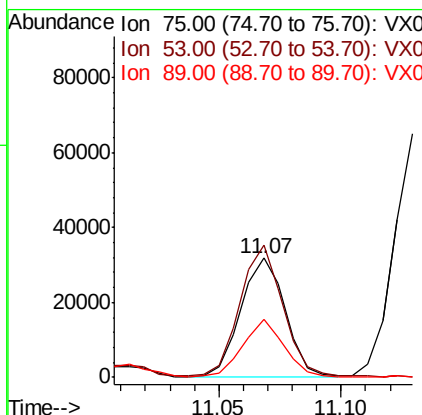
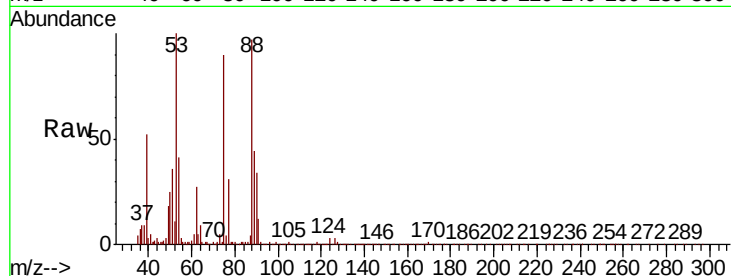




#77
t-1,4-Dichloro-2-butene
Concen: 18.759 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

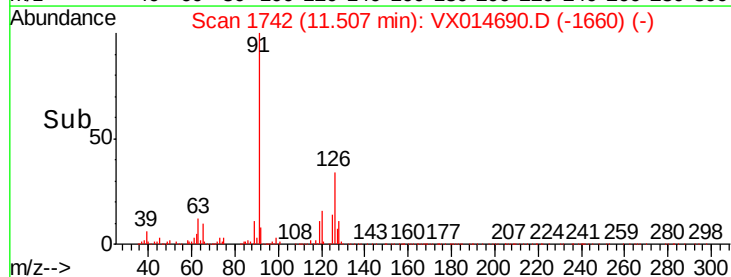
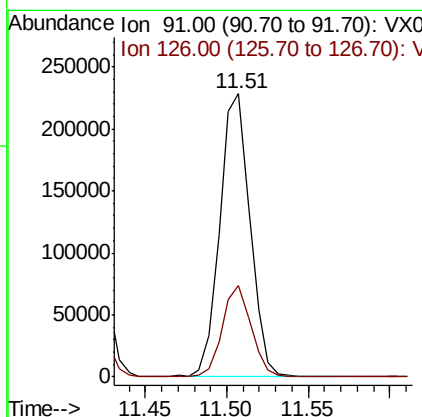
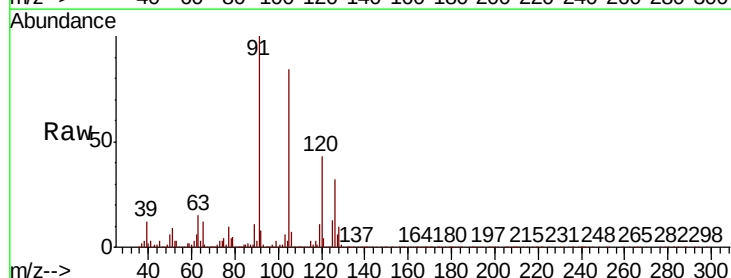
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

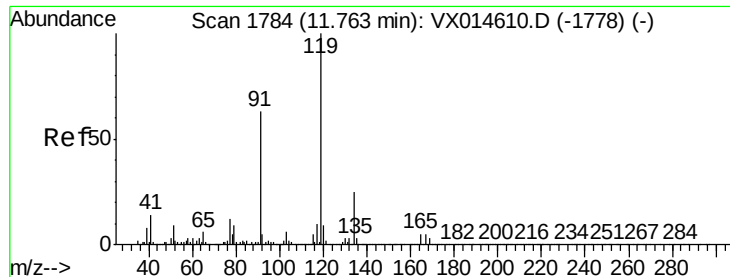
Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	54.4	163.1
89	48.5	21.9	65.5



#78
4-Chlorotoluene
Concen: 19.689 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	59.6





#79

tert-butylbenzene

Concen: 18.924 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

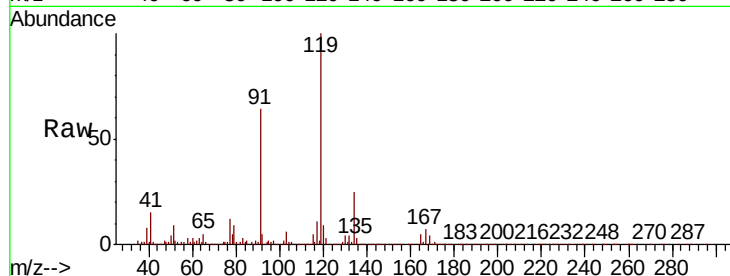
Tot Ion:119 Resp: 283659

Ion Ratio Lower Upper

119 100

91 59.4 0.0 112.6

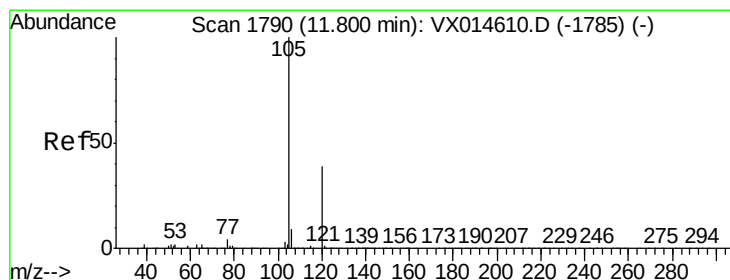
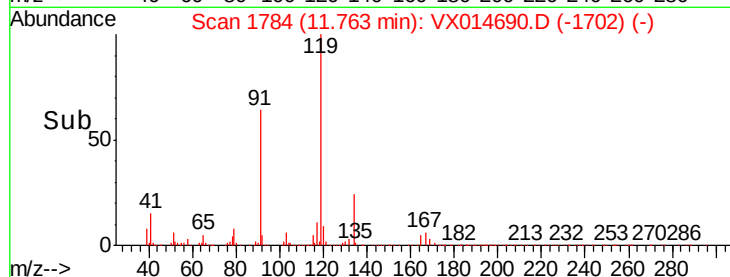
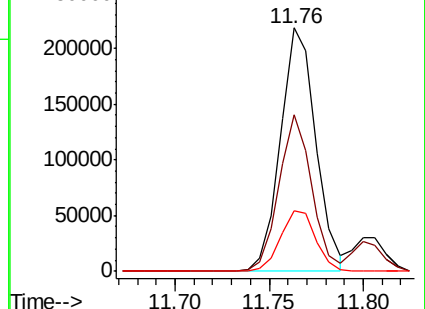
134 24.6 0.0 49.8



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: 19.719 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014690.D

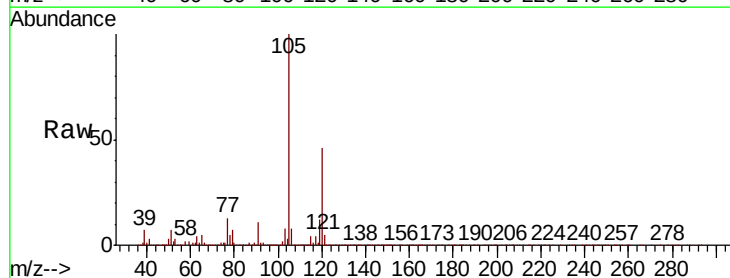
Acq: 24 Jan 2020 11:56

Tgt Ion:105 Resp: 315080

Ion Ratio Lower Upper

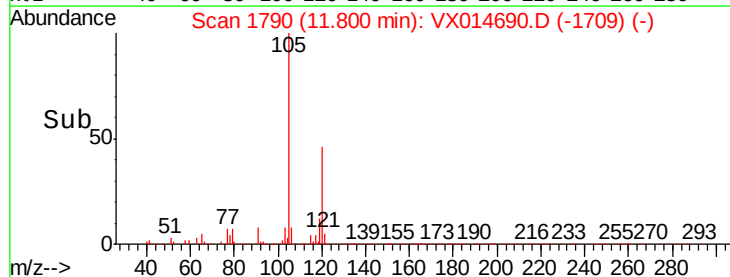
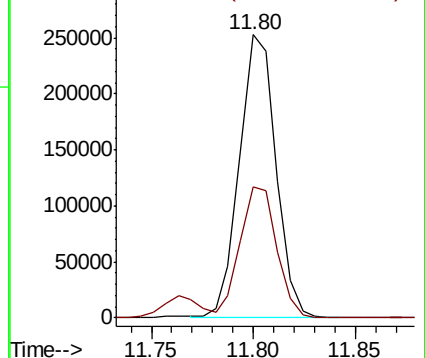
105 100

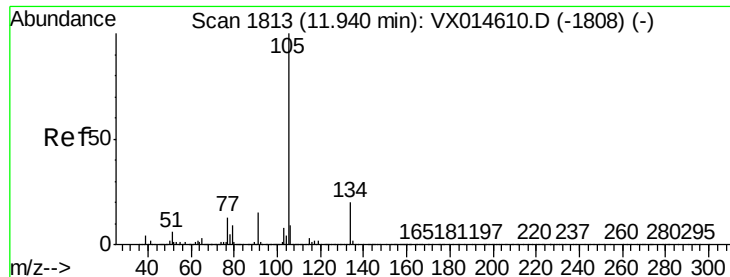
120 46.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.780 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

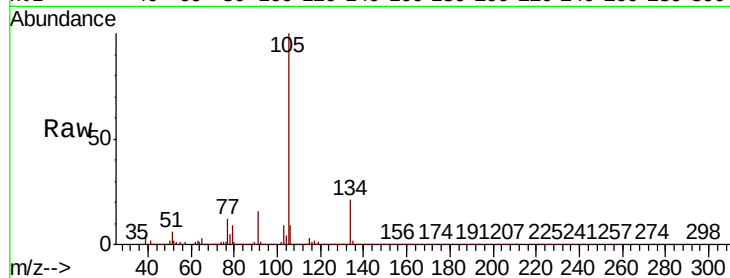
VSTDCCC020

Tot Ion:105 Resp: 348331

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

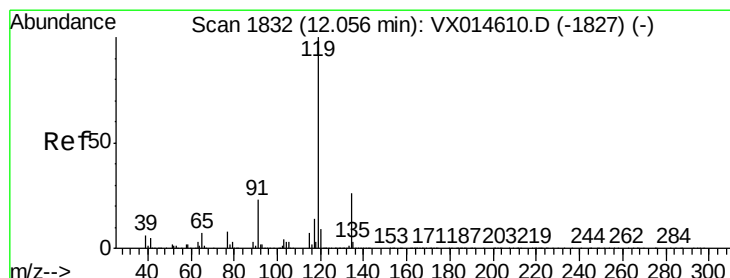
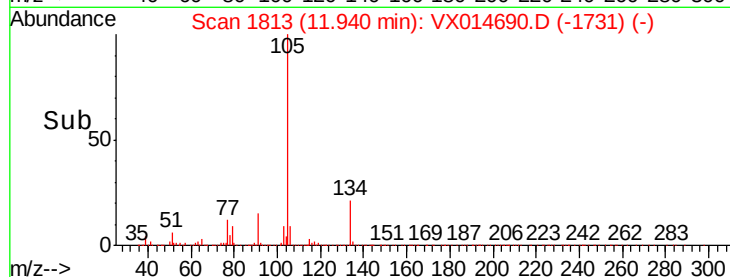
300000

200000

100000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.894 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

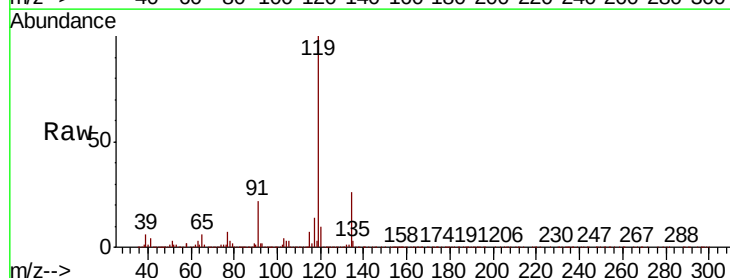
Tgt Ion:119 Resp: 319941

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.8

91 22.8 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

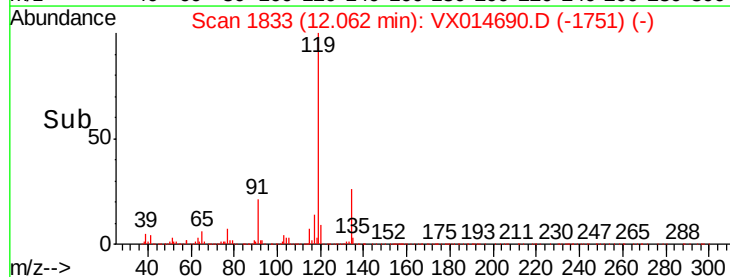
300000

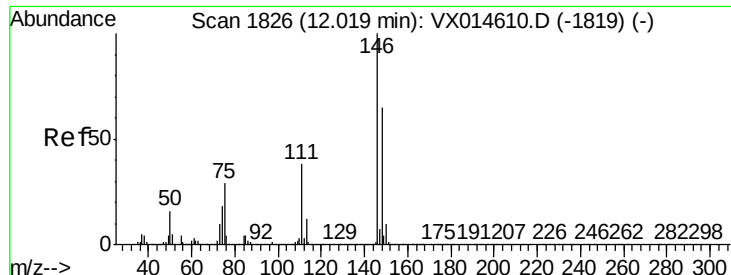
200000

100000

0

Time-->

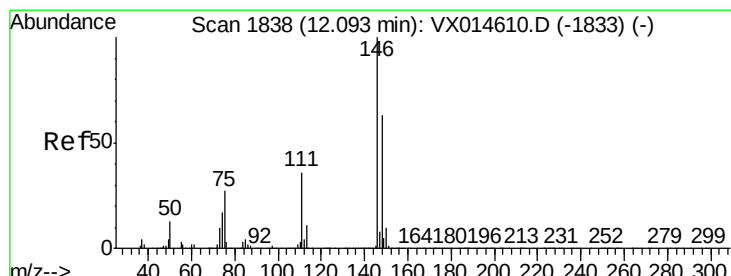
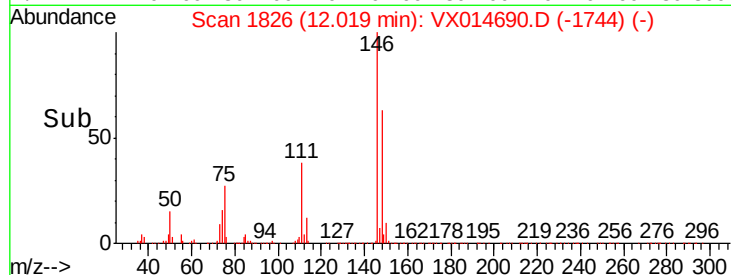
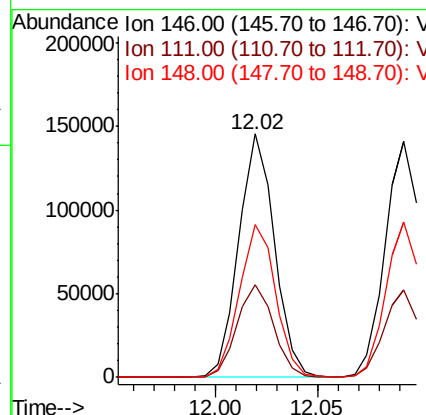
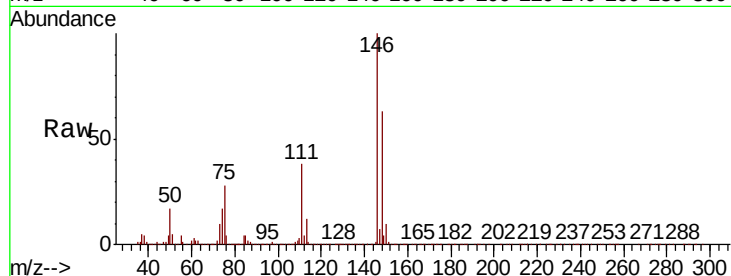




#83
 1,3-Dichlorobenzene
 Concen: 19.839 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

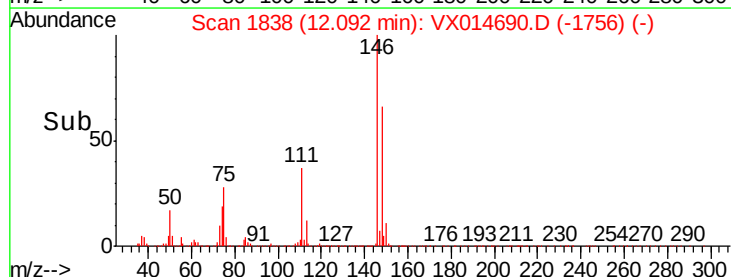
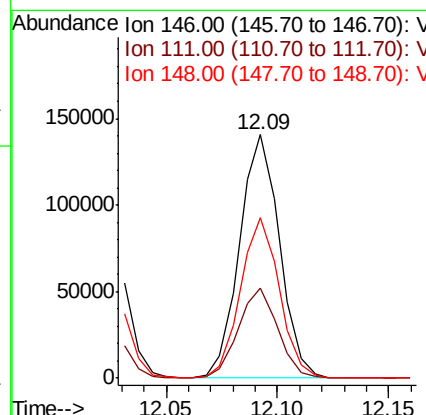
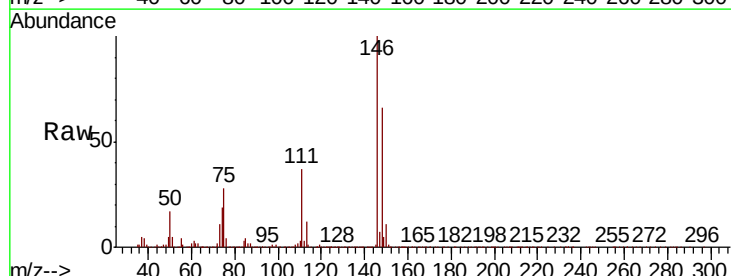
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

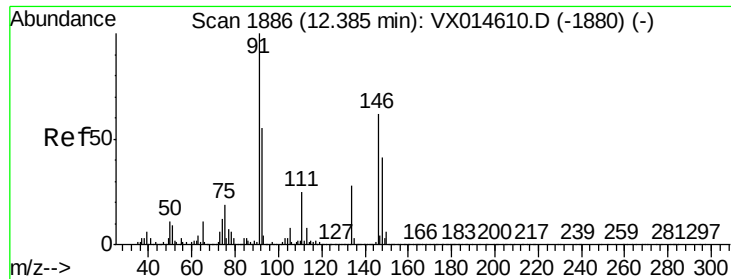
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.9	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.909 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.4
148	64.2	32.0	96.0

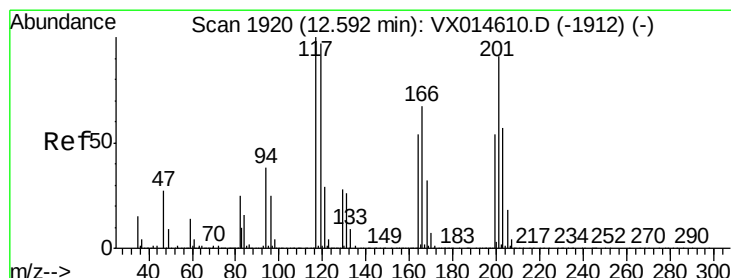
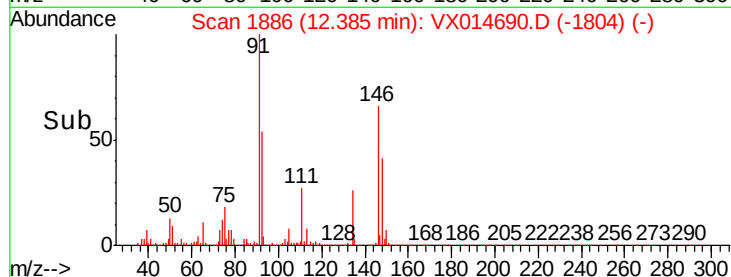
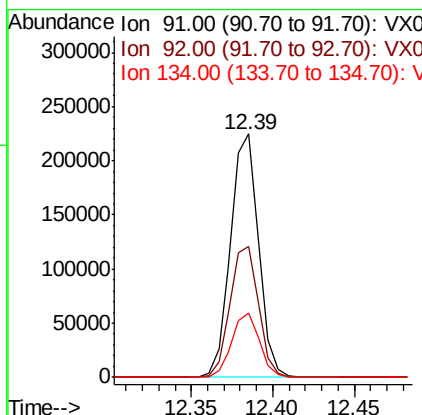
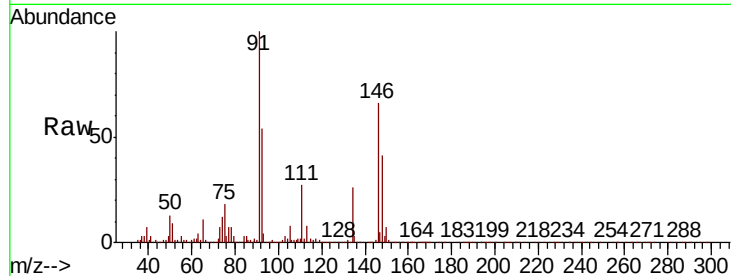




#85
n-Butylbenzene
Concen: 18.045 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

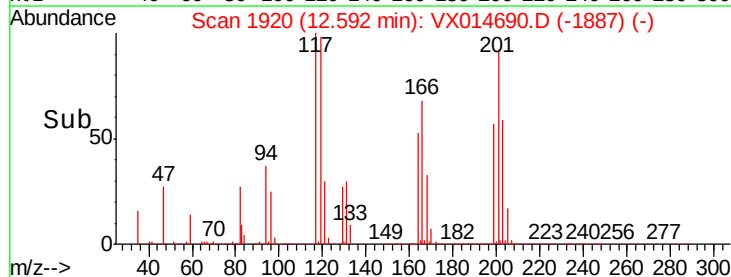
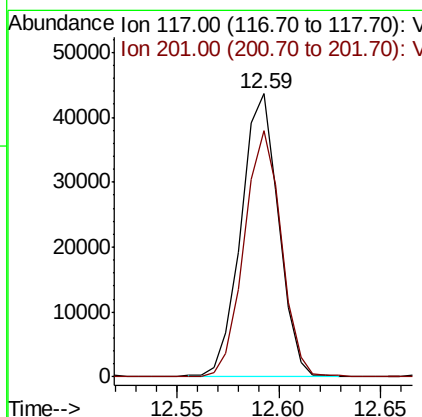
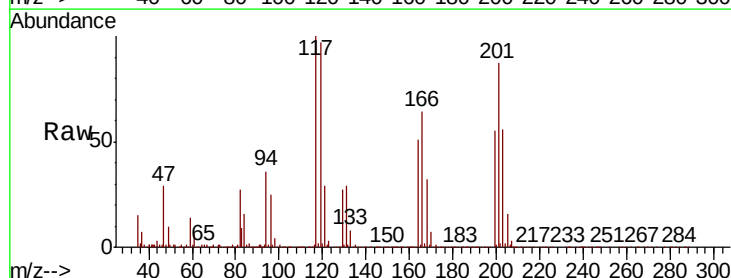
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

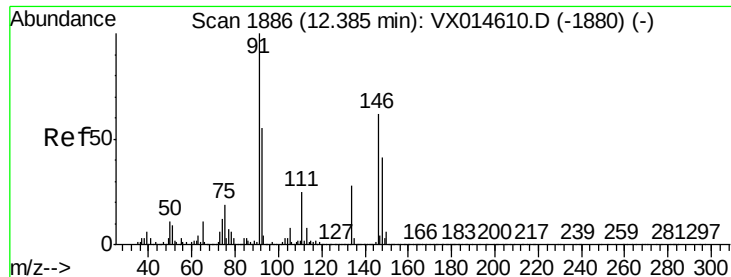
Tot Ion: 91 Resp: 267347
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.0
134 26.0 0.0 54.0



#86
Hexachloroethane
Concen: 18.443 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion: 117 Resp: 56001
Ion Ratio Lower Upper
117 100
201 85.8 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 20.022 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

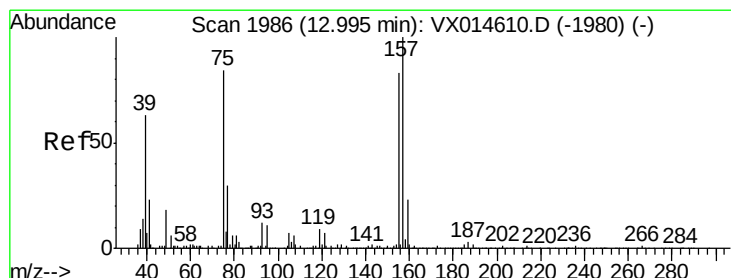
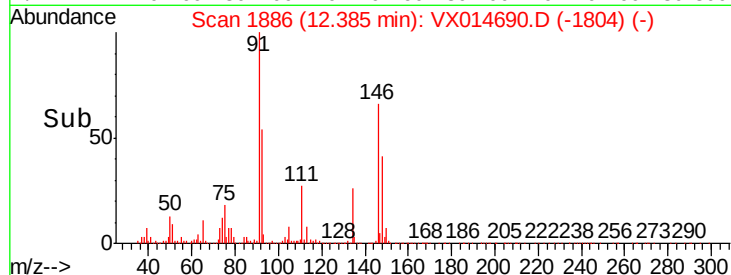
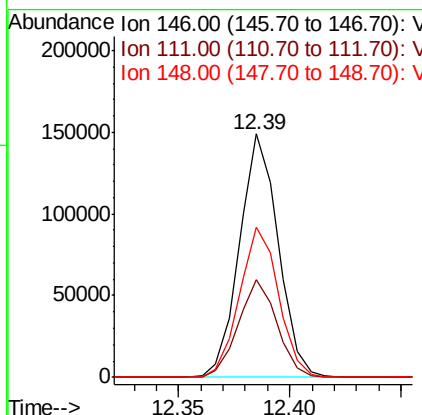
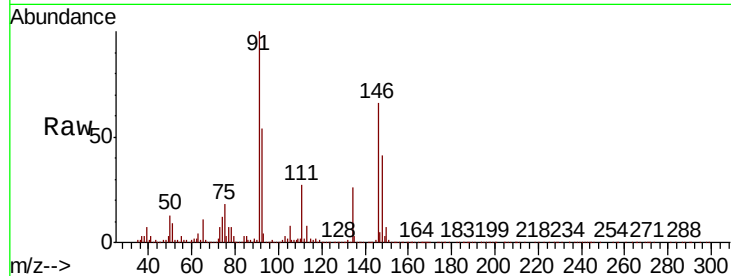
Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:146 Resp: 179774

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	62.5	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.956 ug/l

RT: 12.99 min Scan# 1986

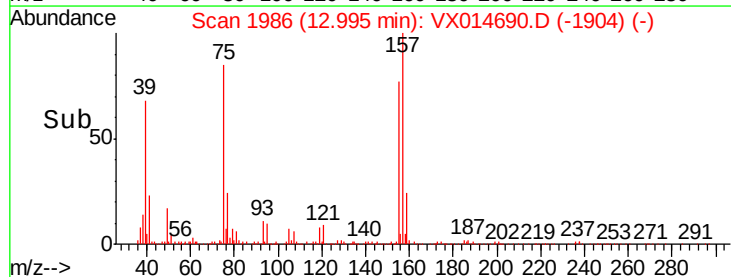
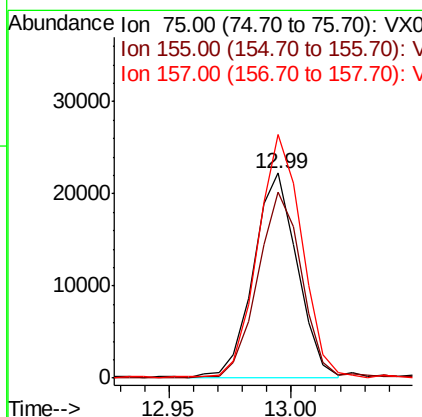
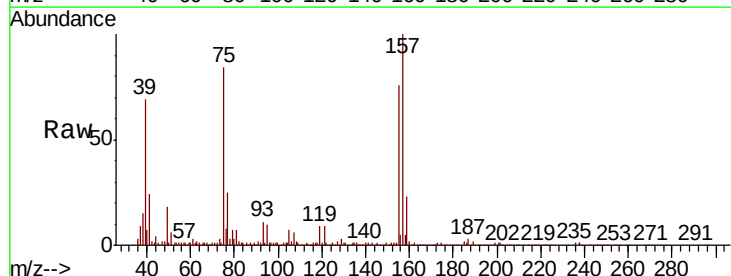
Delta R.T. 0.00 min

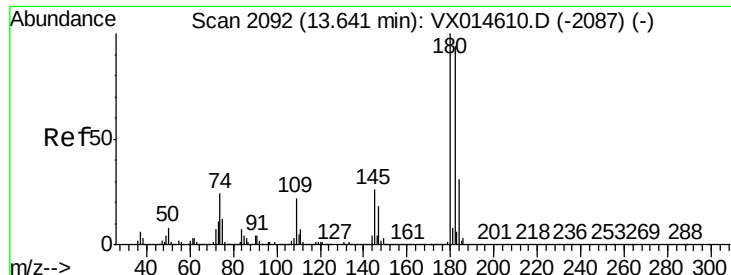
Lab File: VX014690.D

Acq: 24 Jan 2020 11:56

Tgt Ion: 75 Resp: 27607

Ion	Ratio	Lower	Upper
75	100		
155	90.5	73.8	110.6
157	119.5	95.0	142.4

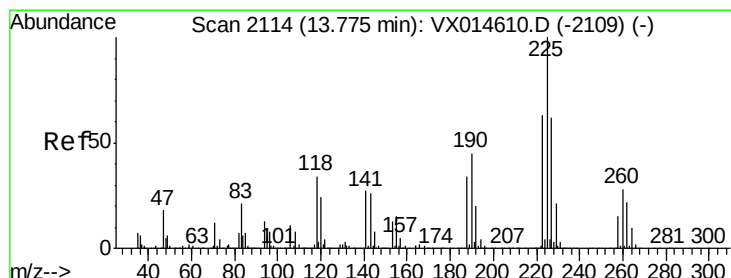
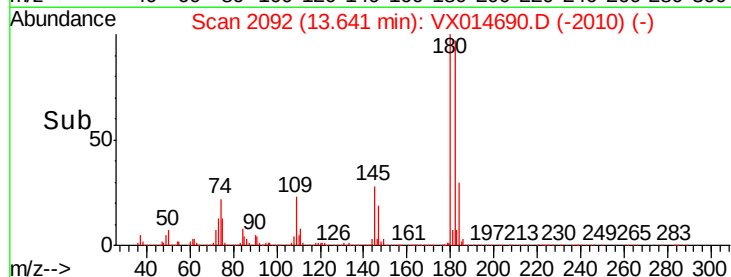
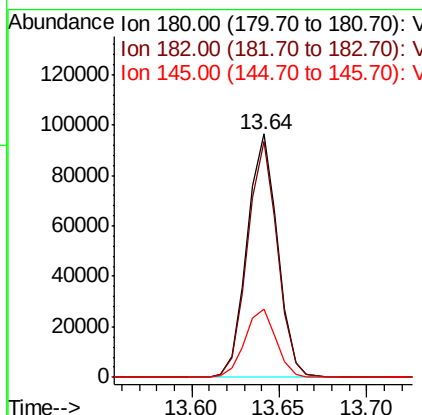
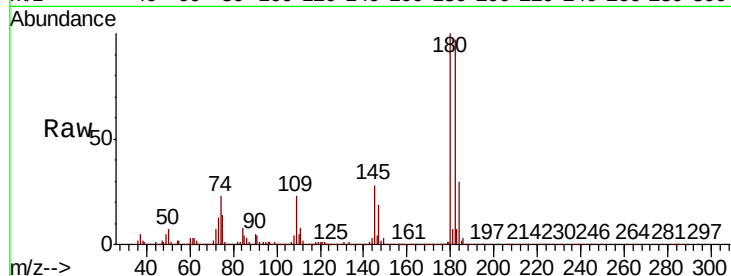




#89
 1,2,4-Trichlorobenzene
 Concen: 19.712 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

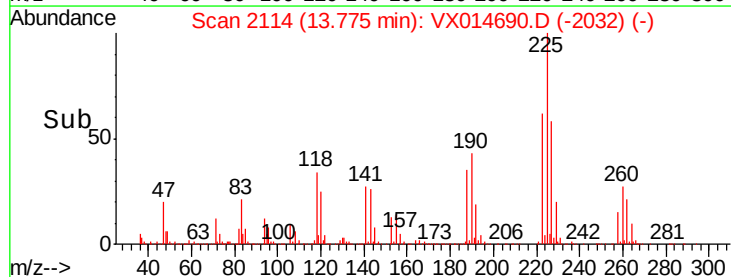
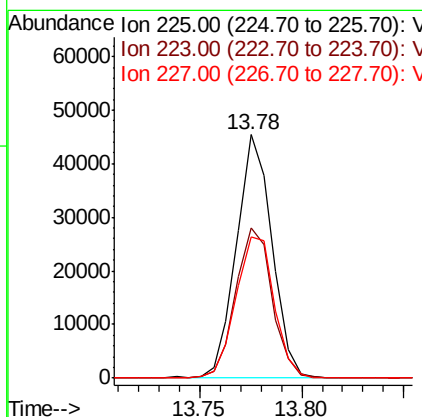
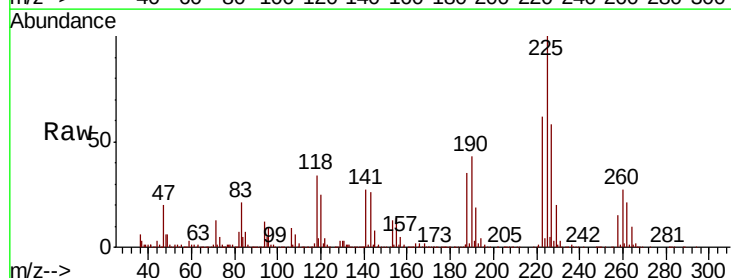
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

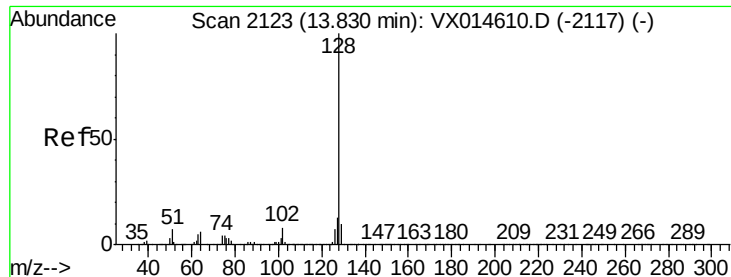
Tot Ion:180 Resp: 116826
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 145 28.1 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 18.592 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014690.D
 Acq: 24 Jan 2020 11:56

Tgt Ion:225 Resp: 55057
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 127.4
 227 62.4 0.0 122.8

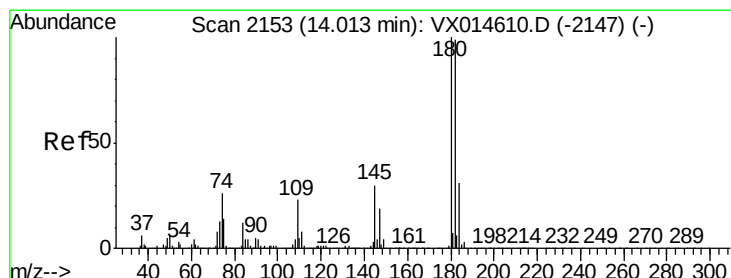
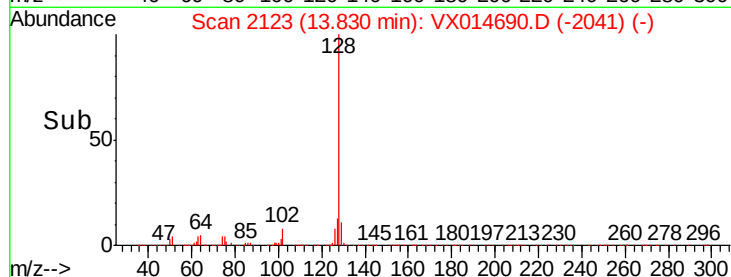
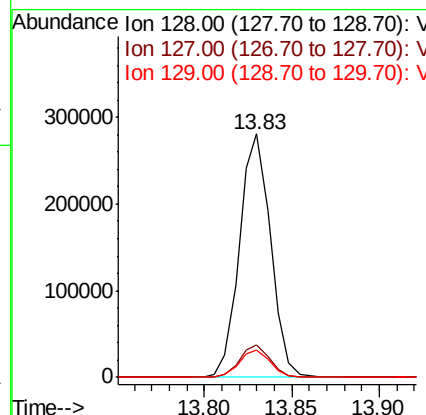
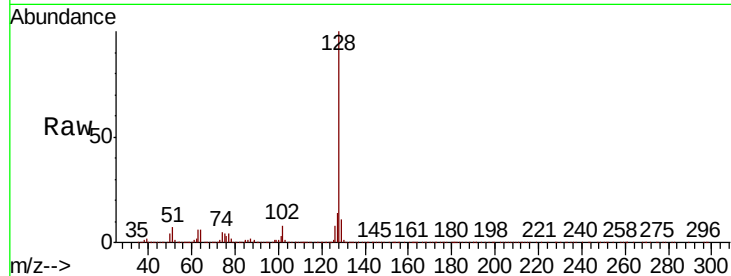




#91
Naphthalene
Concen: 19.333 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:128 Resp: 345875
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.001 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014690.D
Acq: 24 Jan 2020 11:56

Tgt Ion:180 Resp: 120654
Ion Ratio Lower Upper
180 100
182 94.9 0.0 192.8
145 29.6 0.0 60.0

