

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014689.D
 Acq On : 24 Jan 2020 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 22:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	445672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	655782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	604636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	251373	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	202709	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	794732	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	283333	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	299583	50.079	ug/l	100
3) Chloromethane	1.32	50	290792	48.231	ug/l	99
4) Vinyl Chloride	1.40	62	336796	51.664	ug/l	99
5) Bromomethane	1.63	94	201937	45.606	ug/l	100
6) Chloroethane	1.72	64	182666	48.948	ug/l	97
7) Trichlorofluoromethane	1.92	101	367678	48.439	ug/l	100
8) Diethyl Ether	2.18	74	155203	46.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222763	49.992	ug/l	98
10) Methyl Iodide	2.50	142	293205	50.147	ug/l	98
11) Tert butyl alcohol	3.03	59	231416	198.055	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213446	48.178	ug/l	98
13) Acrolein	2.28	56	194433	211.044	ug/l	99
14) Allyl chloride	2.72	41	387682	48.683	ug/l	99
15) Acrylonitrile	3.13	53	619971	229.321	ug/l	99
16) Acetone	2.43	43	654932	229.623	ug/l	100
17) Carbon Disulfide	2.56	76	584211	48.247	ug/l	100
18) Methyl Acetate	2.76	43	372091	45.701	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	701646	48.352	ug/l	100
20) Methylene Chloride	2.84	84	242186	45.886	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	228779	46.899	ug/l	99
22) Diisopropyl ether	3.84	45	786991	49.673	ug/l	94
23) Vinyl Acetate	3.80	43	3053618	252.839	ug/l	100
24) 1,1-Dichloroethane	3.69	63	423137	49.178	ug/l	99
25) 2-Butanone	4.65	43	929372	227.413	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336379	48.843	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	261607	47.917	ug/l	99
28) Bromochloromethane	5.00	49	175271	46.356	ug/l	99
29) Tetrahydrofuran	5.11	42	551478	227.363	ug/l	100
30) Chloroform	5.20	83	403081	47.291	ug/l	98
31) Cyclohexane	5.57	56	399921	49.418	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	348408	48.359	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316074	51.871	ug/l	99
37) Ethyl Acetate	4.81	43	337402	48.345	ug/l	99
38) Carbon Tetrachloride	5.78	117	300885	51.702	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	406365	53.233	ug/l	97
40) Benzene	6.13	78	945565	50.222	ug/l	99
41) Methacrylonitrile	5.02	41	184402	46.294	ug/l	97
42) 1,2-Dichloroethane	6.18	62	329970	50.752	ug/l	99
43) Isopropyl Acetate	6.43	43	553776	48.455	ug/l	99
44) Trichloroethene	7.20	130	261041	49.085	ug/l	94
45) 1,2-Dichloropropane	7.50	63	250319	51.607	ug/l	100
46) Dibromomethane	7.65	93	158299	50.391	ug/l	99
47) Bromodichloromethane	7.89	83	321089	52.113	ug/l	98
48) Methyl methacrylate	7.76	41	278932	51.081	ug/l	100
49) 1,4-Dioxane	7.73	88	107627	929.819	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1740098	241.239	ug/l	100
52) Toluene	8.78	92	599922	51.836	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	351976	53.054	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	393060	53.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	241785	51.026	ug/l	98
56) Ethyl methacrylate	9.17	69	380836	47.500	ug/l	99
57) 1,3-Dichloropropane	9.36	76	406354	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	623254	261.541	ug/l	100
59) 2-Hexanone	9.48	43	1358282	242.666	ug/l	100
60) Dibromochloromethane	9.57	129	256444	51.849	ug/l	100
61) 1,2-Dibromoethane	9.67	107	250634	50.027	ug/l	99
64) Tetrachloroethene	9.33	164	284492	47.533	ug/l	99
65) Chlorobenzene	10.13	112	638422	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	237195	49.743	ug/l	98
67) Ethyl Benzene	10.25	91	1148001	51.986	ug/l	100
68) m/p-Xylenes	10.36	106	873801	104.448	ug/l	99
69) o-Xylene	10.69	106	417467	51.689	ug/l	100
70) Styrene	10.71	104	728185	53.749	ug/l	99
71) Bromoform	10.85	173	194649	51.331	ug/l #	98
73) Isopropylbenzene	11.01	105	1129917	52.114	ug/l	100
74) N-amyl acetate	10.89	43	483552	50.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	354181	45.752	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	419928	58.534	ug/l	91
77) Bromobenzene	11.25	156	290992	49.959	ug/l	97
78) n-propylbenzene	11.35	91	1305461	53.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	760078	51.043	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	948596	52.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	121732	48.289	ug/l	99
82) 4-Chlorotoluene	11.51	91	885648	52.243	ug/l	100
83) tert-Butylbenzene	11.76	119	884689	52.320	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	955388	52.932	ug/l	99
85) sec-Butylbenzene	11.94	105	1113583	53.758	ug/l	100
86) p-Isopropyltoluene	12.06	119	1026311	53.611	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	520109	49.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519512	49.545	ug/l	100
89) n-Butylbenzene	12.39	91	912396	54.722	ug/l	99
90) Hexachloroethane	12.59	117	179039	50.351	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	519554	49.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74560	44.829	ug/l	97

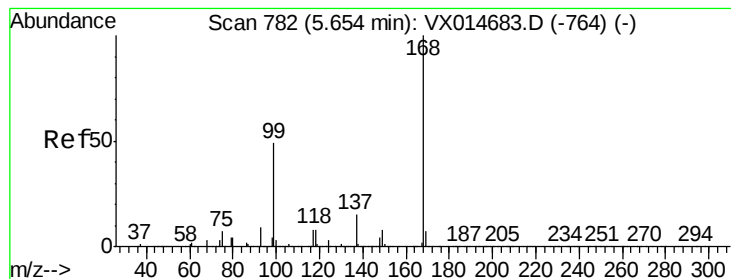
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	355845	53.088	ug/l	98
94) Hexachlorobutadiene	13.78	225	175758	50.945	ug/l	98
95) Naphthalene	13.83	128	1035848	47.961	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355491	52.450	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

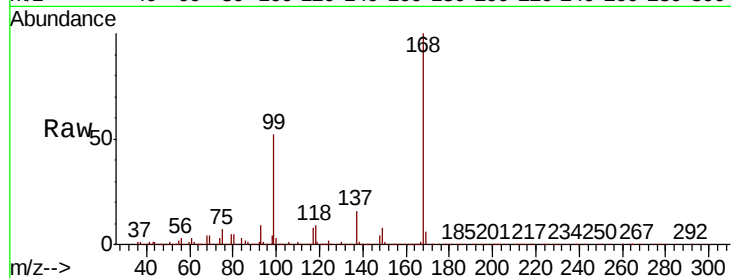
VSTDCCC050

Tot Ion:168 Resp: 445672

Ion Ratio Lower Upper

168 100

99 51.3 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

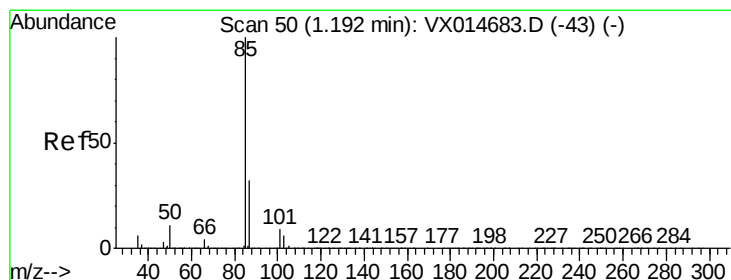
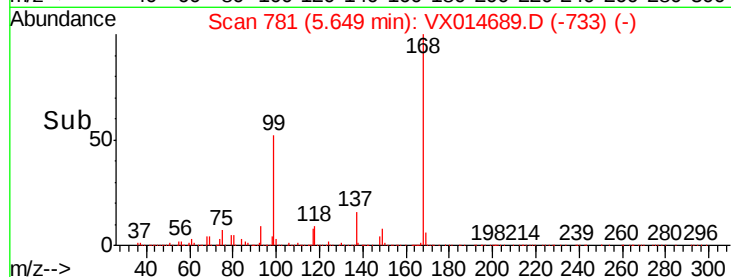
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.079 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014689.D

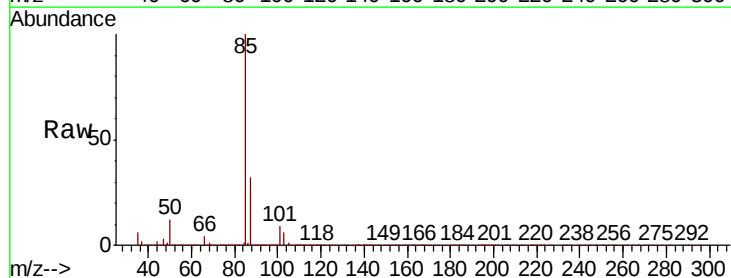
Acq: 24 Jan 2020 10:15

Tgt Ion: 85 Resp: 299583

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

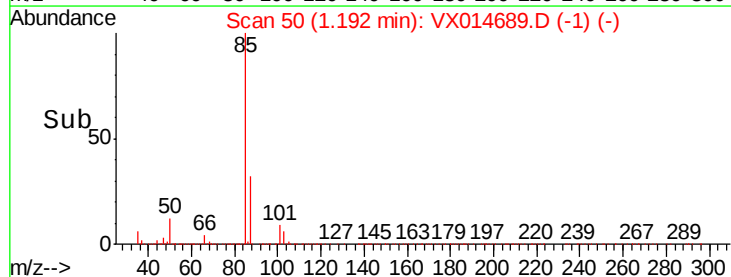
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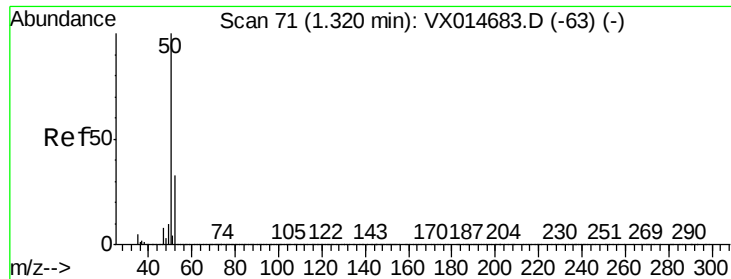
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Time-->

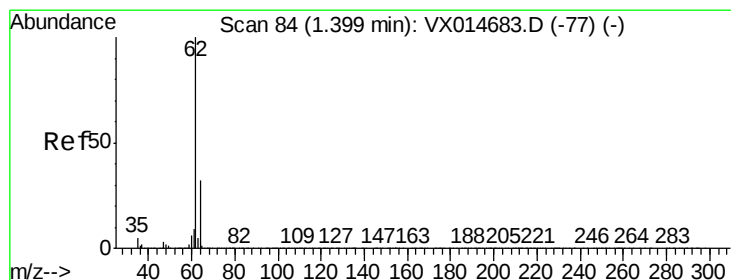
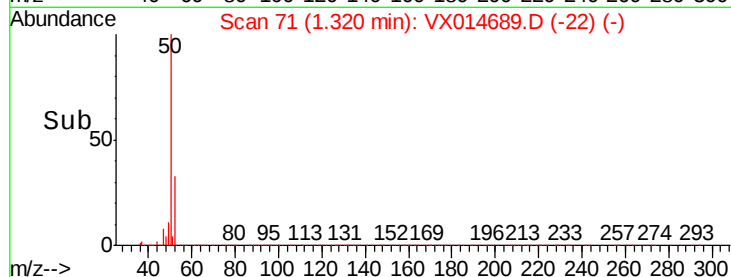
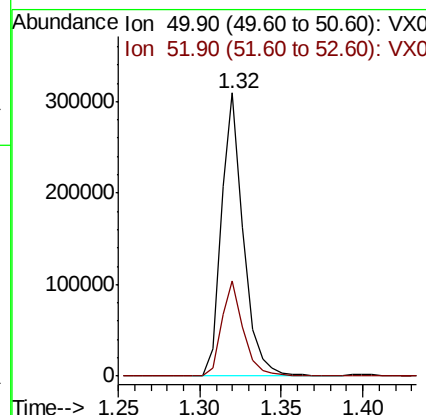
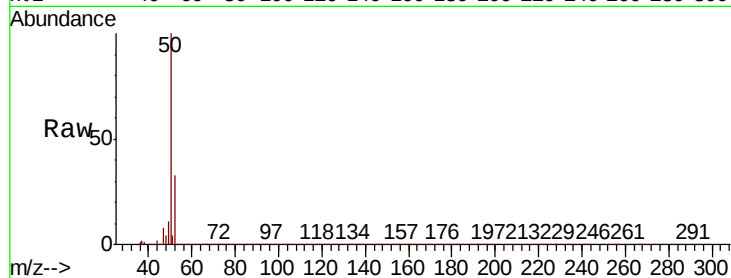




#3
Chloromethane
Concen: 48.231 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

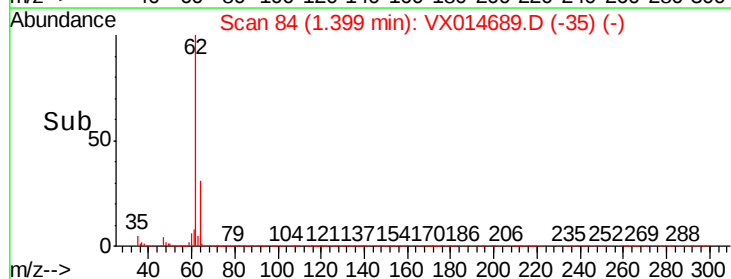
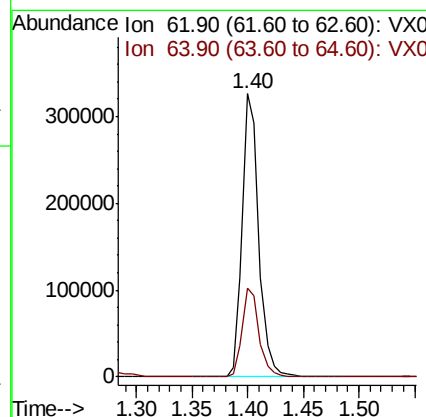
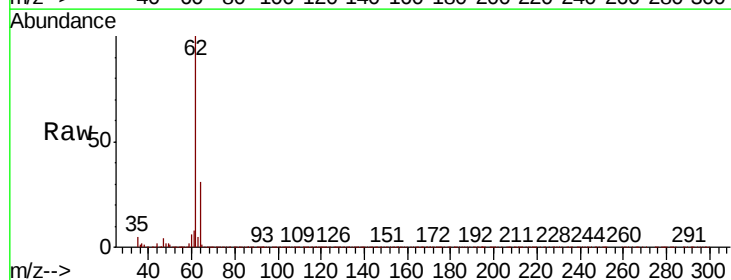
Instrument :
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VSTDCCC050

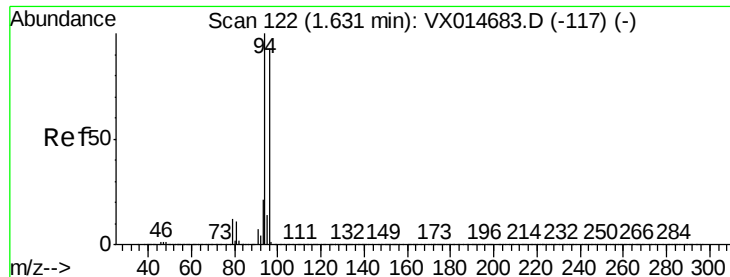
Tot Ion: 50 Resp: 290792
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 51.664 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 62 Resp: 336796
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





#5

Bromomethane

Concen: 45.606 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

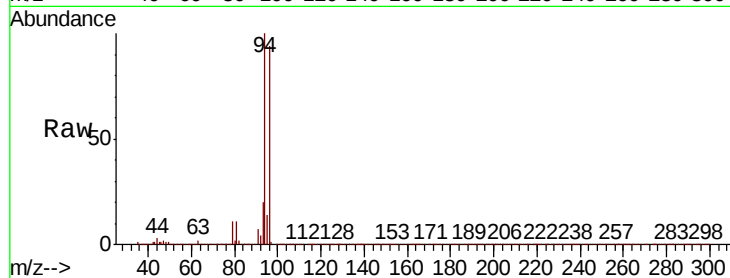
VSTDCCC050

Tot Ion: 94 Resp: 201937

Ion Ratio Lower Upper

94 100

96 93.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250000

200000

150000

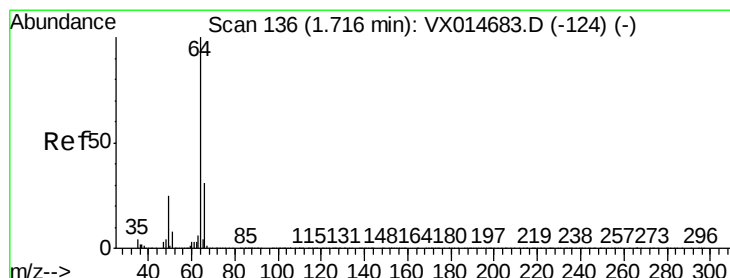
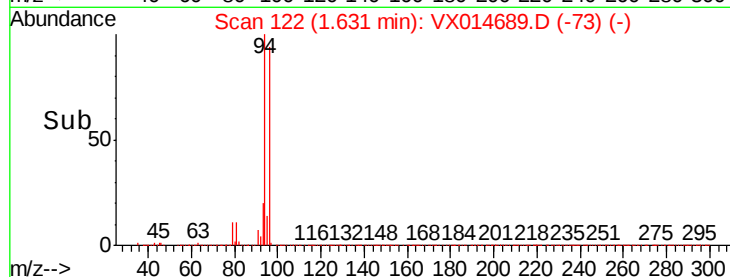
100000

50000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 48.948 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014689.D

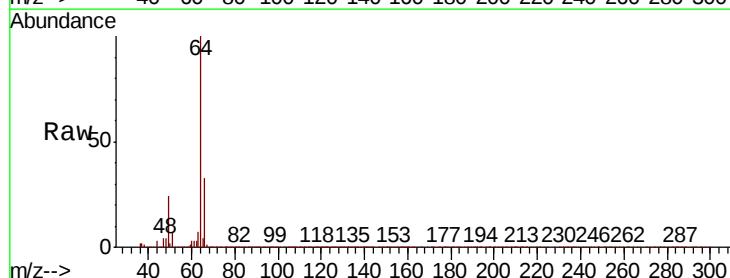
Acq: 24 Jan 2020 10:15

Tgt Ion: 64 Resp: 182666

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

150000

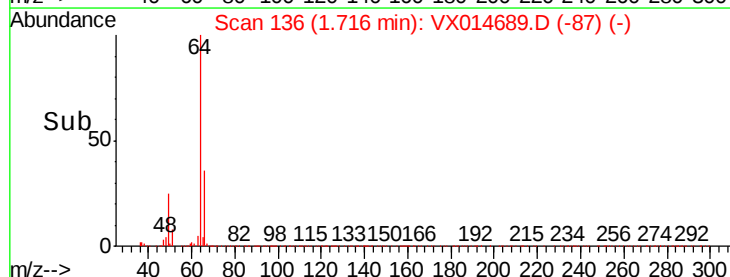
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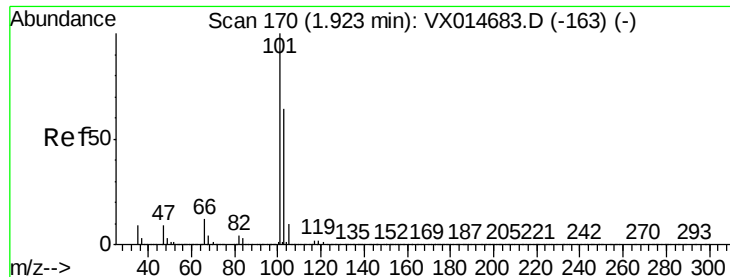
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Time-->

1.60 1.65 1.70 1.75 1.80



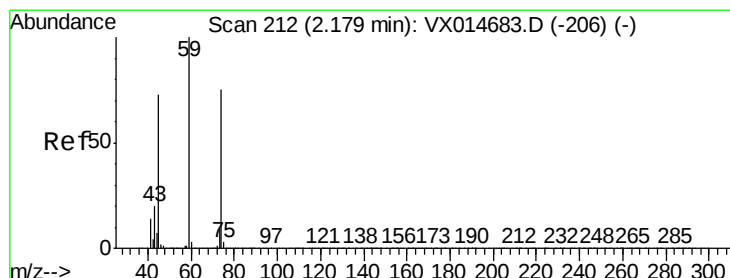
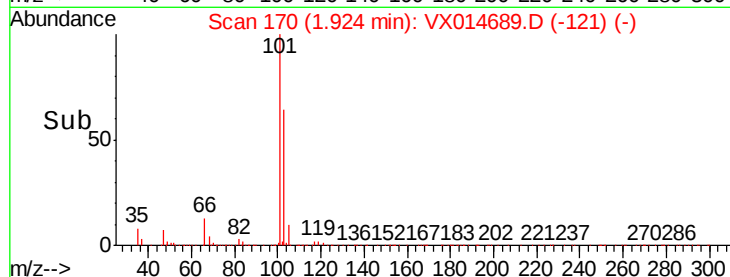
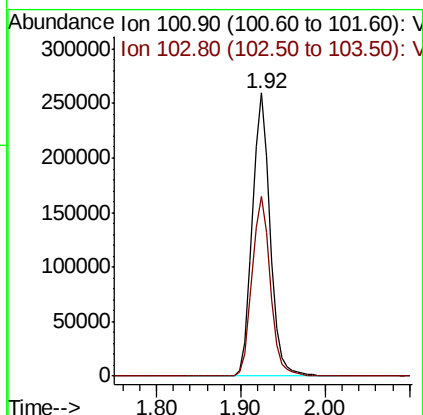
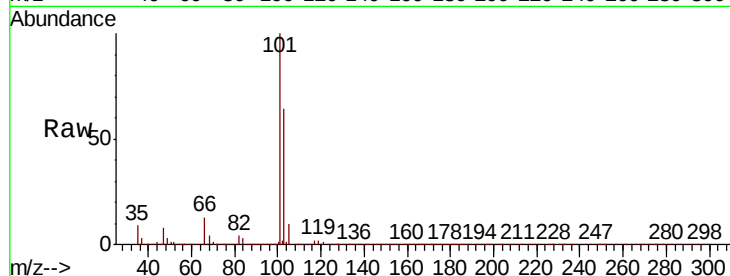


#7

Trichlorofluoromethane
 Concen: 48.439 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
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 ClientSampleId :
 VSTDCCC050

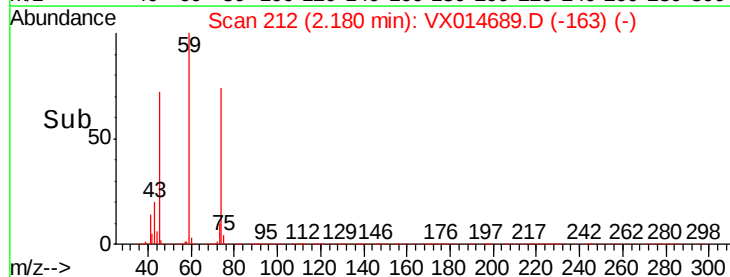
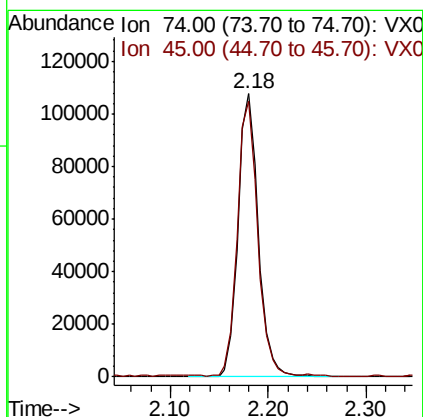
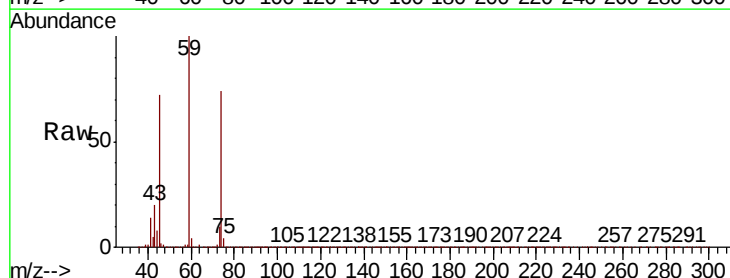
Tot Ion:101 Resp: 367678
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.6

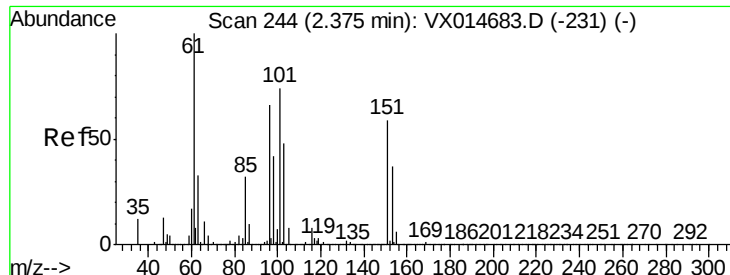


#8

Diethyl Ether
 Concen: 46.845 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion: 74 Resp: 155203
 Ion Ratio Lower Upper
 74 100
 45 97.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.992 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

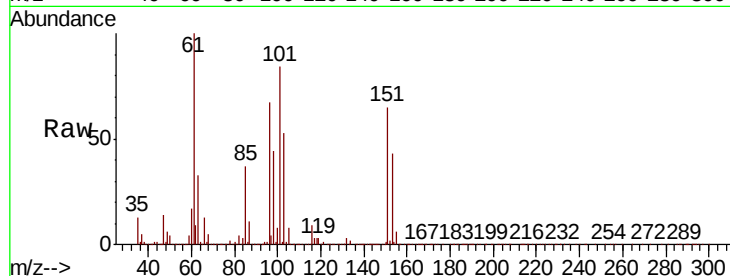
Tot Ion:101 Resp: 222763

Ion Ratio Lower Upper

101 100

85 42.0 34.7 52.1

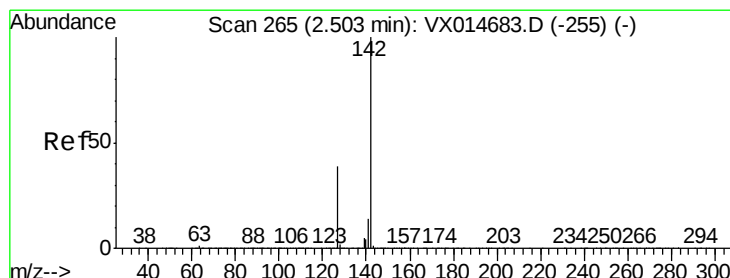
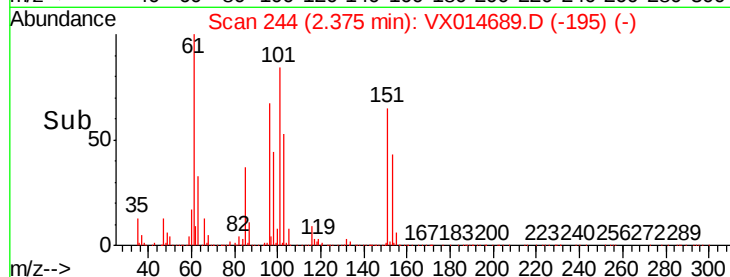
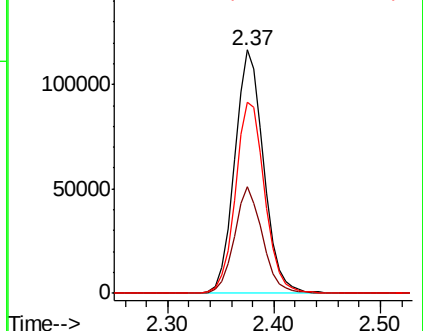
151 79.5 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.147 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

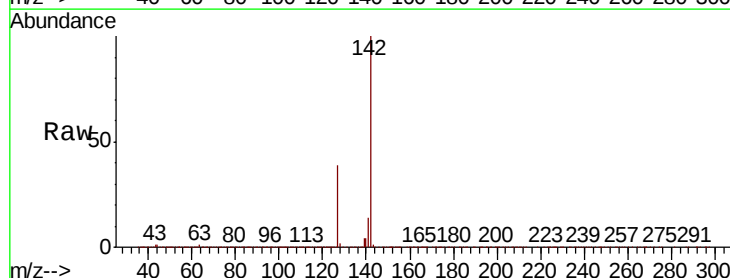
Tgt Ion:142 Resp: 293205

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

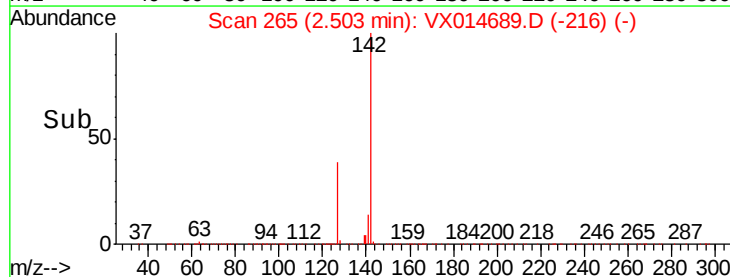
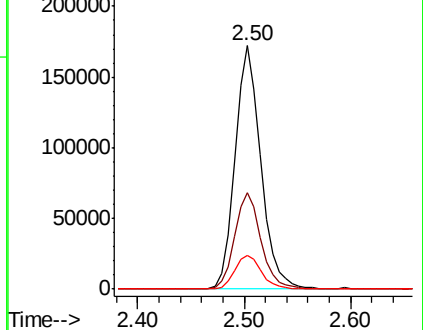
141 14.4 11.3 16.9

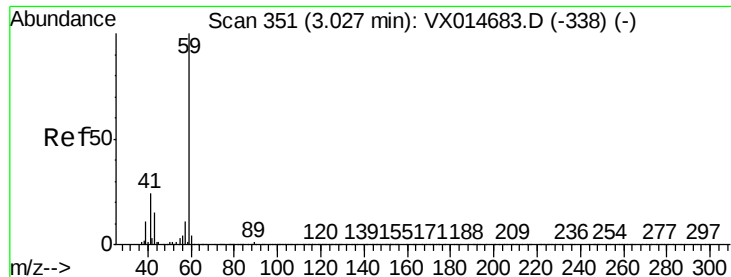


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



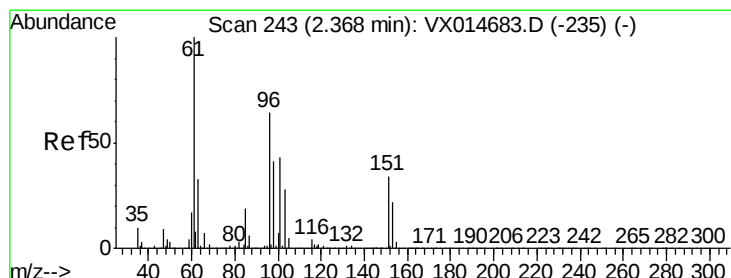
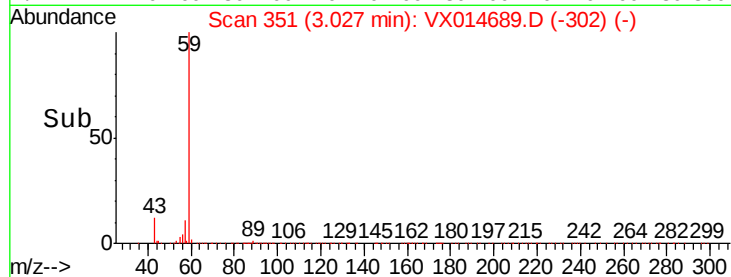
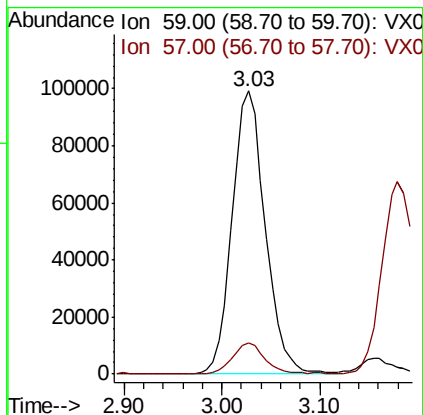
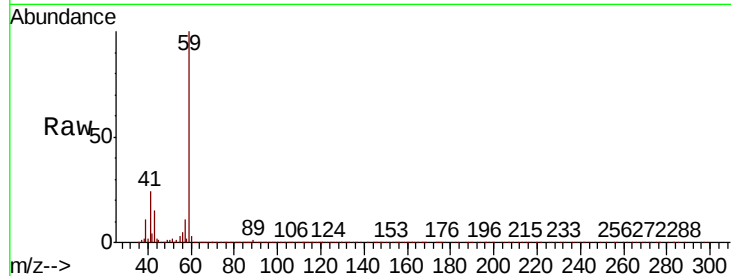


#11

Tert butyl alcohol
 Concen: 198.055 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

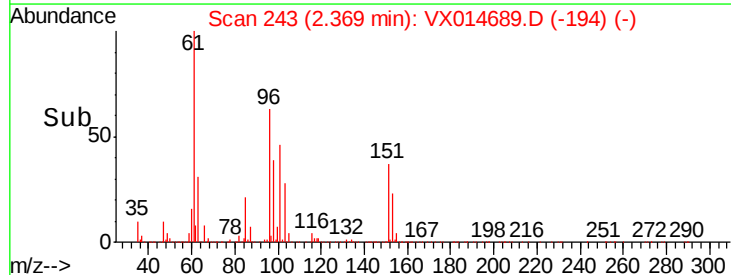
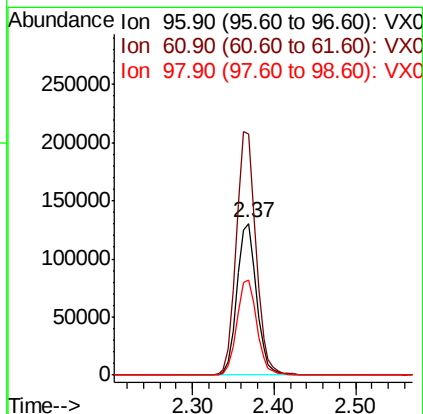
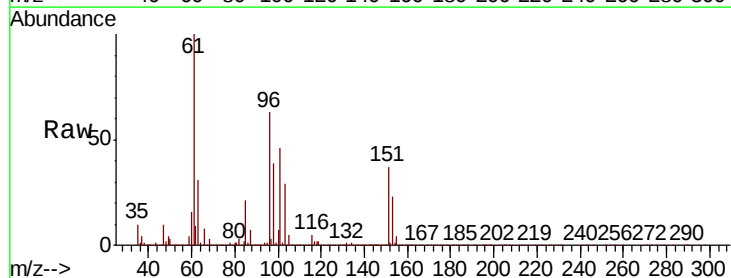
Tot Ion: 59 Resp: 231416
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

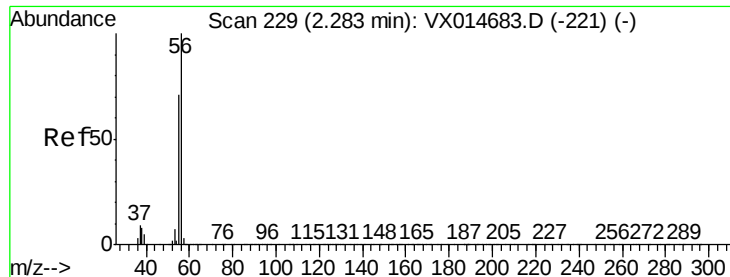


#12

1,1-Dichloroethene
 Concen: 48.178 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion: 96 Resp: 213446
 Ion Ratio Lower Upper
 96 100
 61 158.9 125.8 188.8
 98 62.7 51.5 77.3

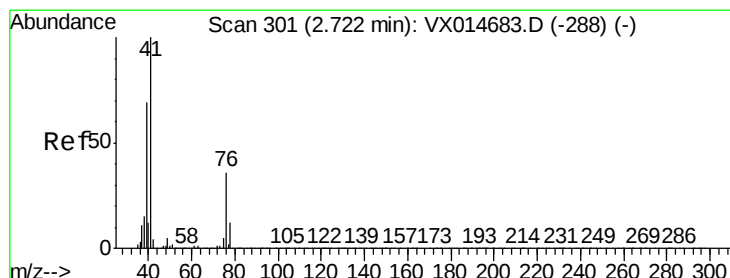
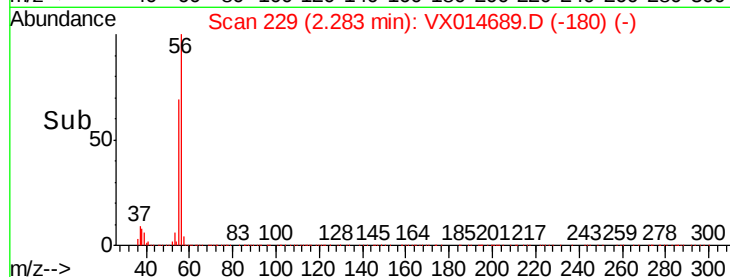
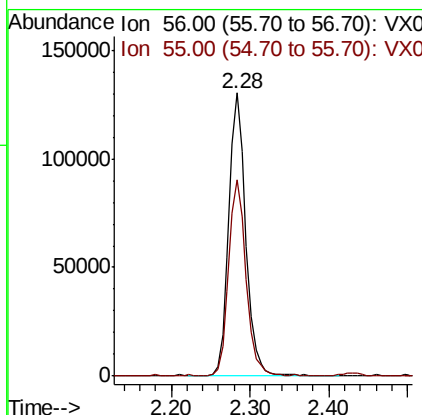
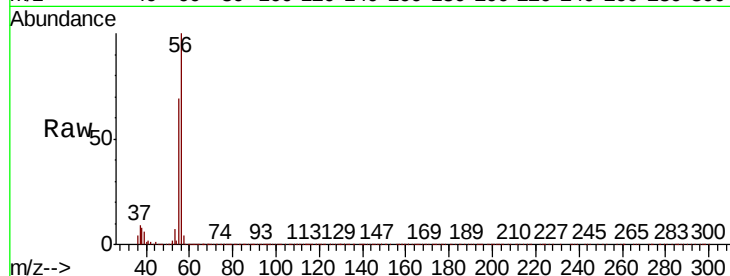




#13
Acrolein
Concen: 211.044 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

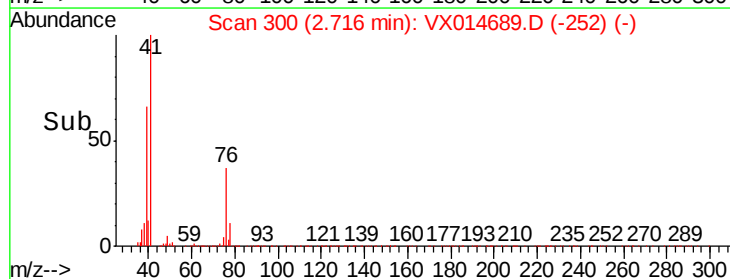
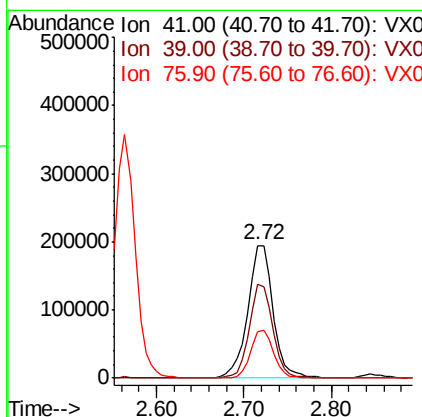
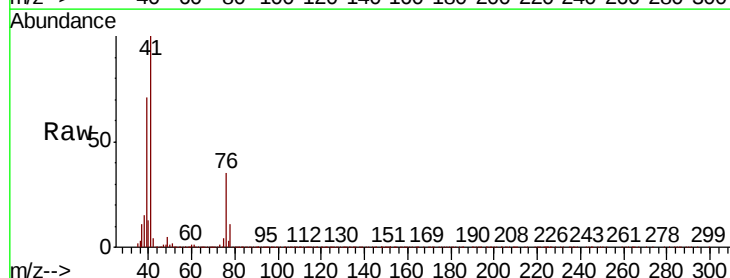
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

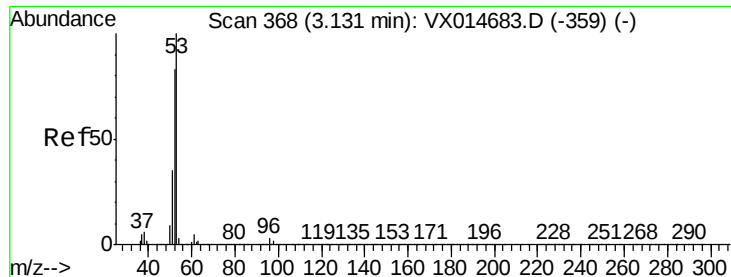
Tot Ion: 56 Resp: 194433
Ion Ratio Lower Upper
56 100
55 70.3 56.6 84.8



#14
Allyl chloride
Concen: 48.683 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 41 Resp: 387682
Ion Ratio Lower Upper
41 100
39 65.7 52.0 78.0
76 32.3 26.0 39.0





#15

Acrylonitrile

Concen: 229.321 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

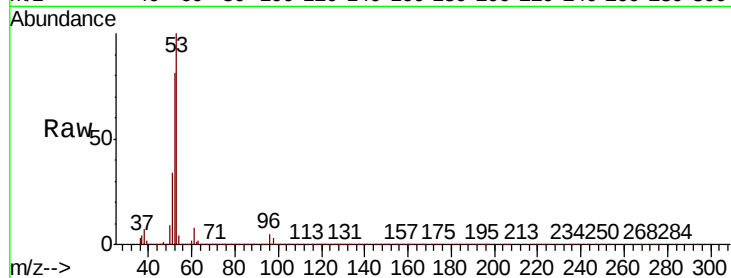
Tot Ion: 53 Resp: 619971

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

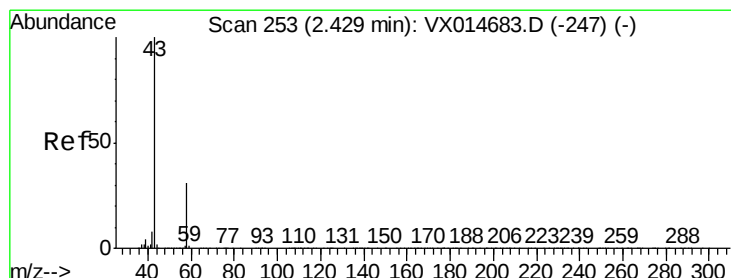
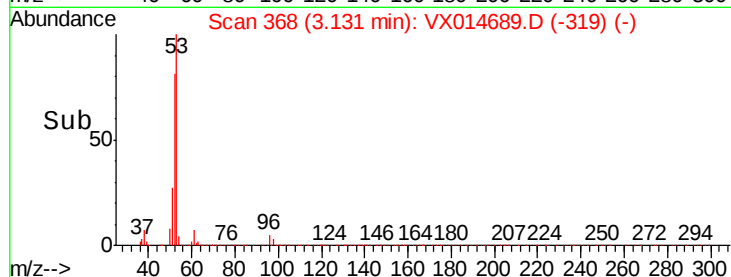
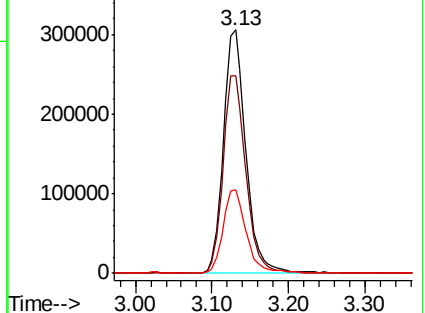
51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 229.623 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014689.D

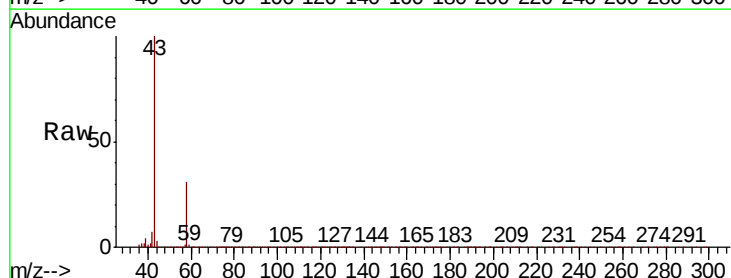
Acq: 24 Jan 2020 10:15

Tgt Ion: 43 Resp: 654932

Ion Ratio Lower Upper

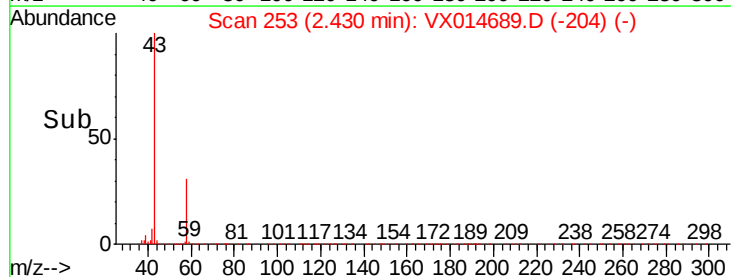
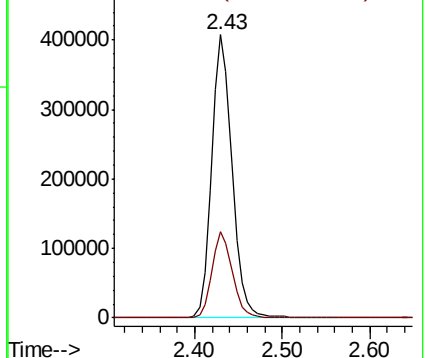
43 100

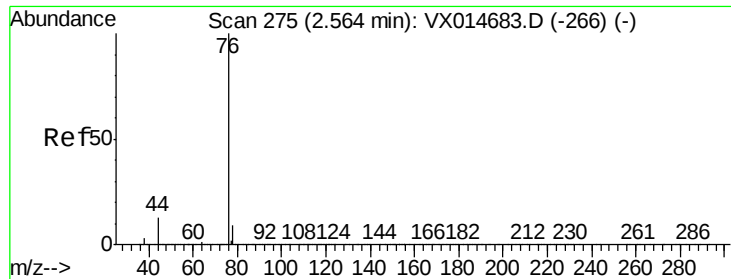
58 30.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

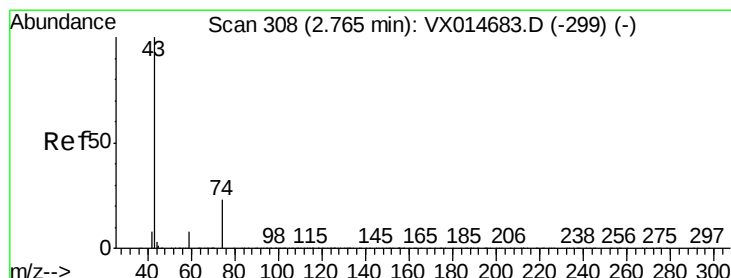
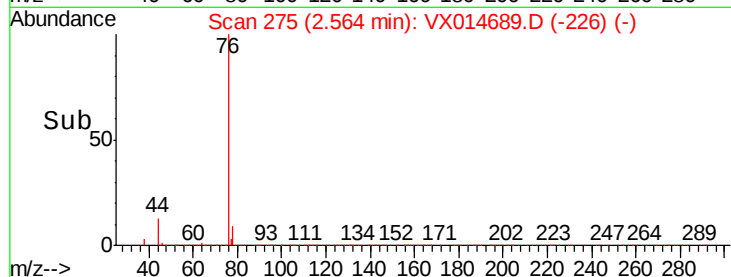
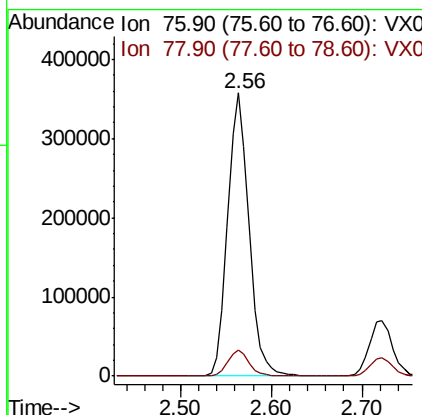
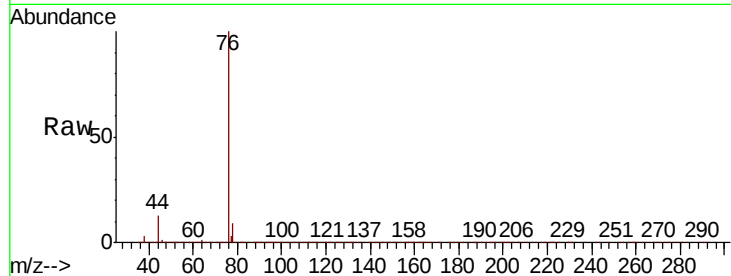




#17
Carbon Disulfide
Concen: 48.247 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

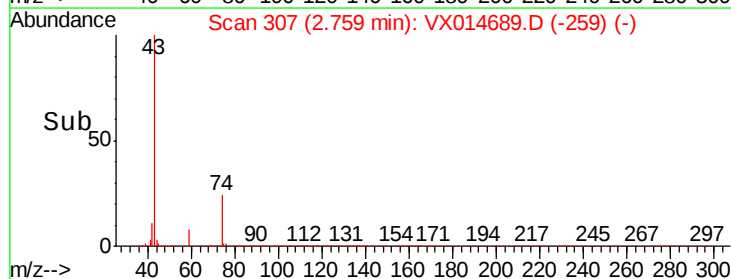
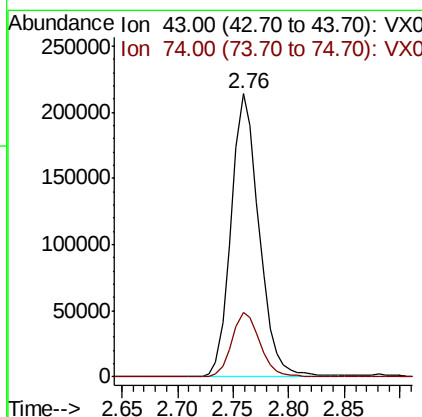
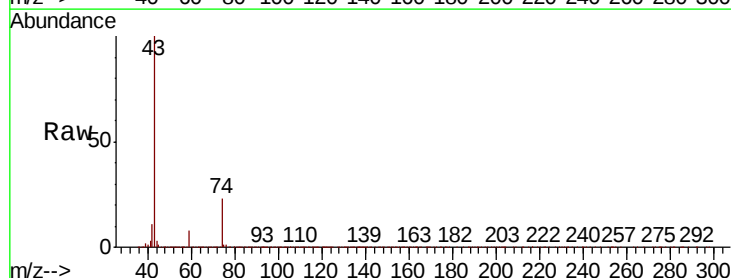
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

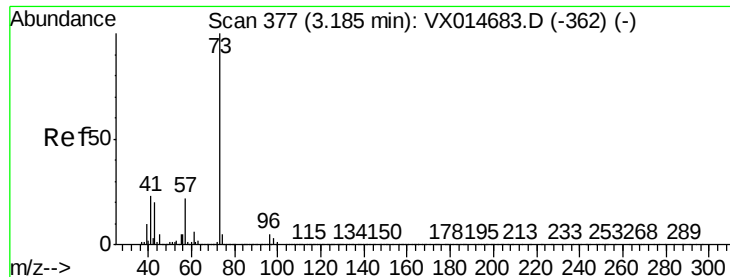
Tot Ion: 76 Resp: 584211
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 45.701 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 43 Resp: 372091
Ion Ratio Lower Upper
43 100
74 22.9 18.5 27.7

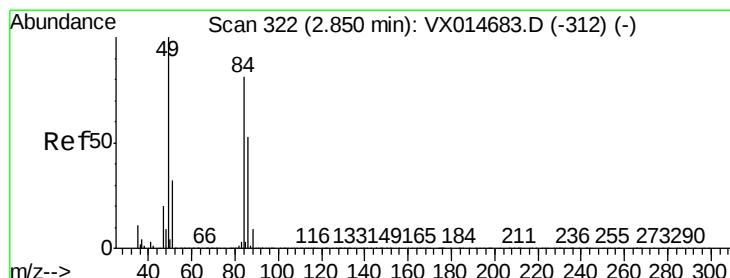
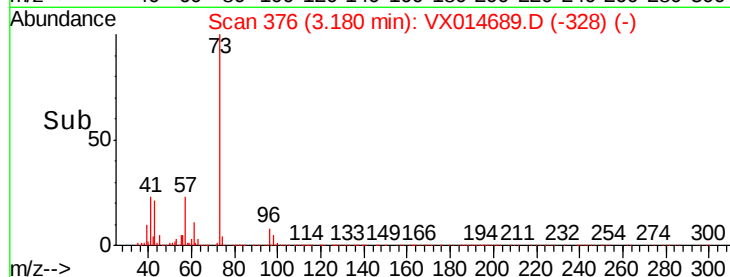
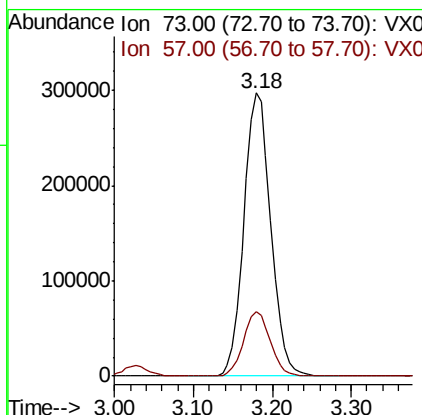
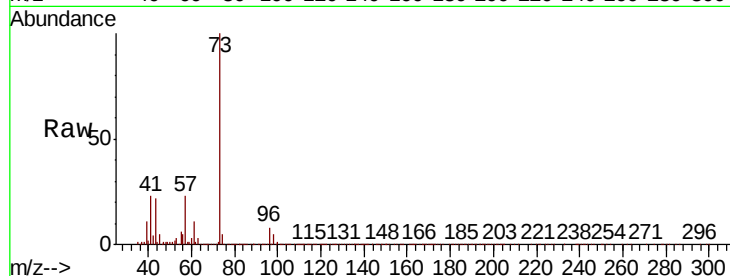




#19
Methvl tert-butvl Ether
Concen: 48.352 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

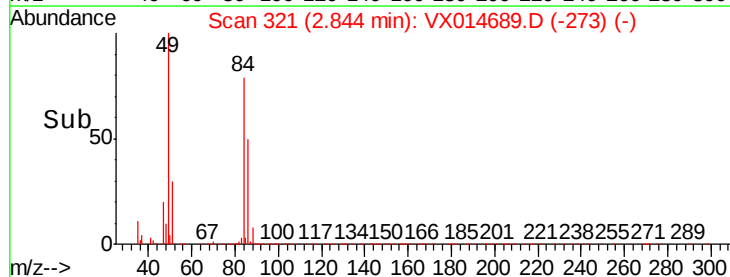
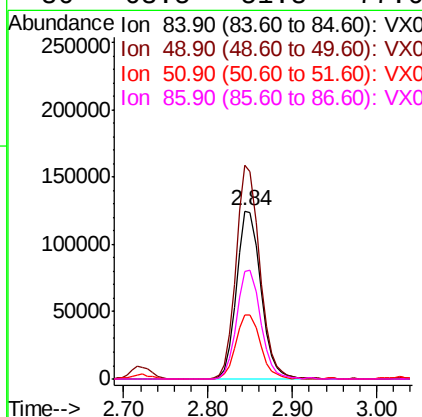
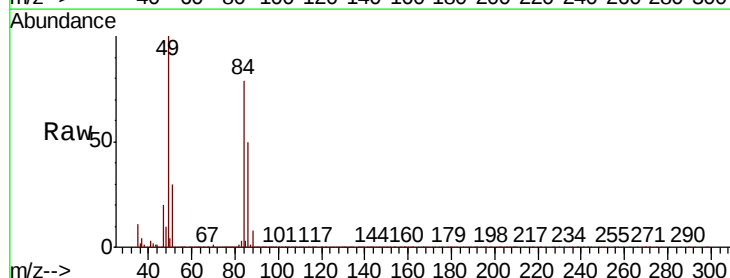
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

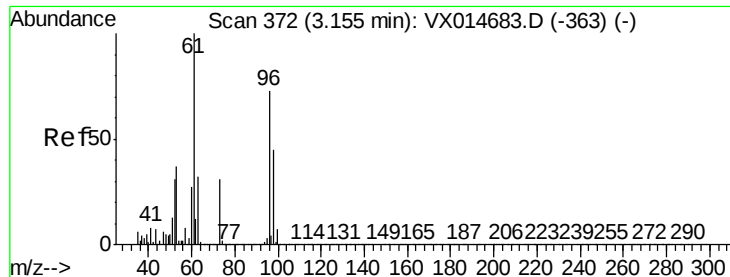
Tot Ion: 73 Resp: 701646
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 45.886 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 84 Resp: 242186
Ion Ratio Lower Upper
84 100
49 127.0 98.2 147.4
51 37.6 31.3 46.9
86 63.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.899 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

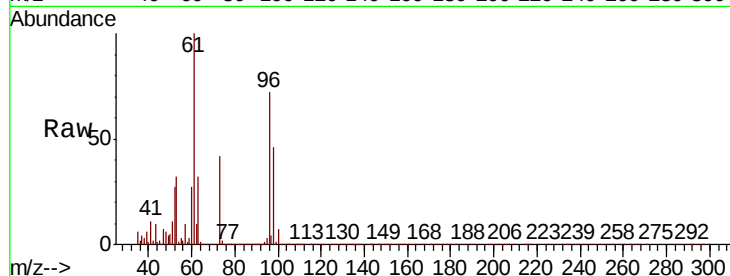
Tot Ion: 96 Resp: 228779

Ion Ratio Lower Upper

96 100

61 138.3 109.8 164.6

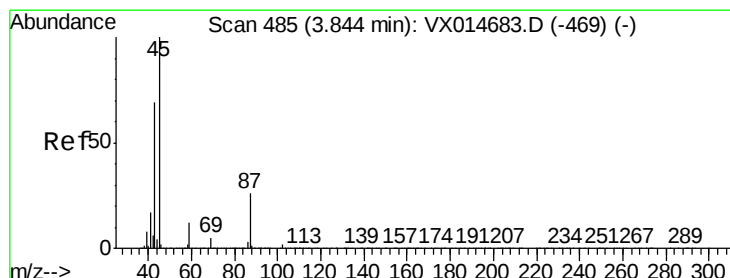
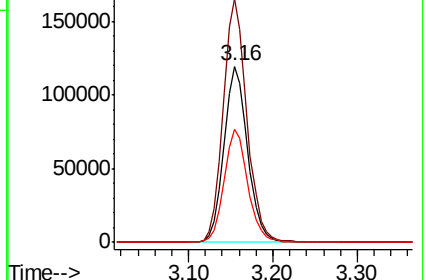
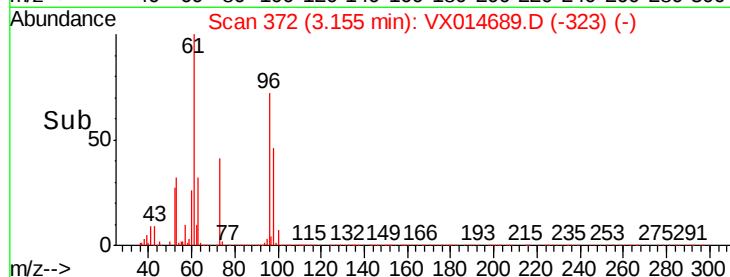
98 64.0 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.673 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion: 45 Resp: 786991

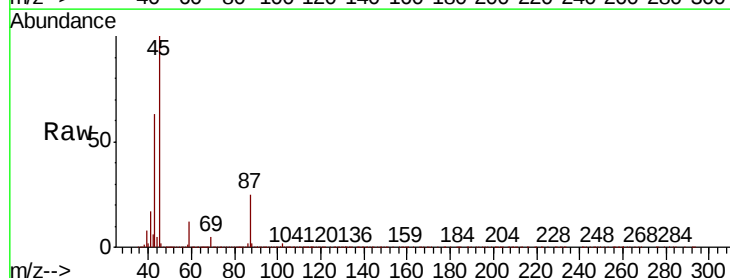
Ion Ratio Lower Upper

45 100

43 62.3 55.1 82.7

87 24.8 20.7 31.1

59 11.7 9.2 13.8

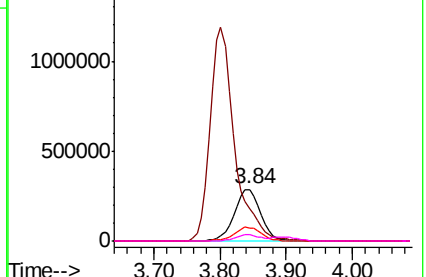
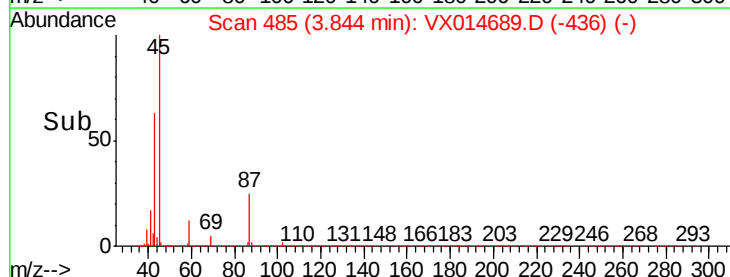


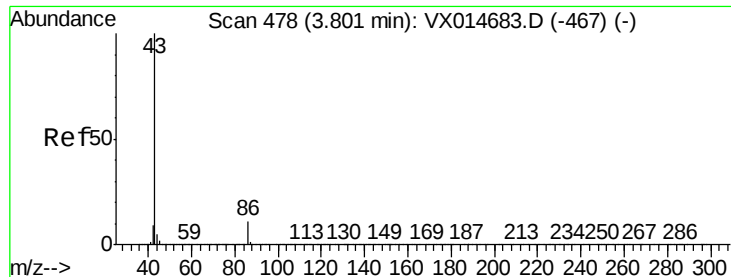
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.839 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

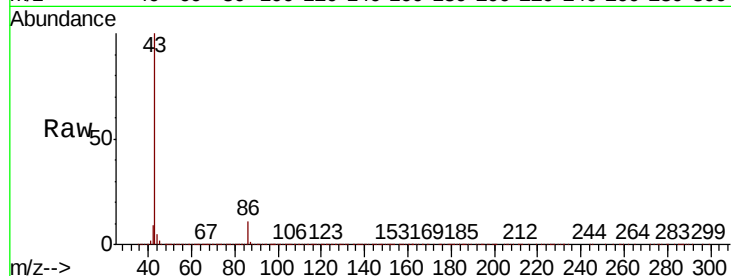
VSTDCCC050

Tot Ion: 43 Resp: 3053618

Ion Ratio Lower Upper

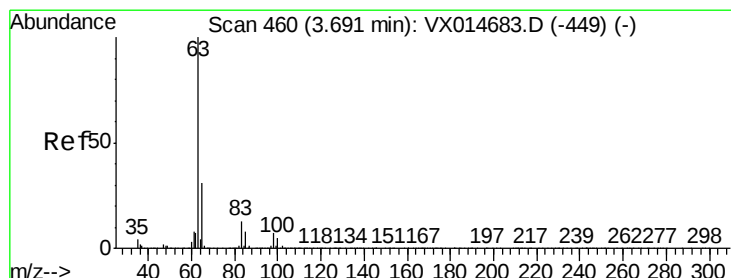
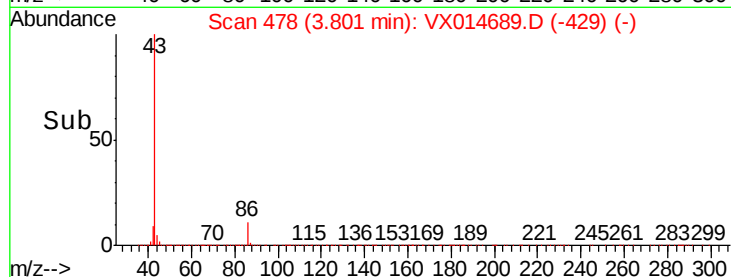
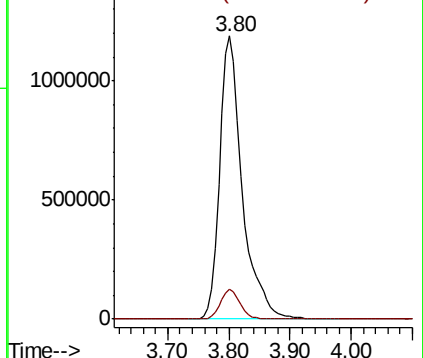
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.178 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

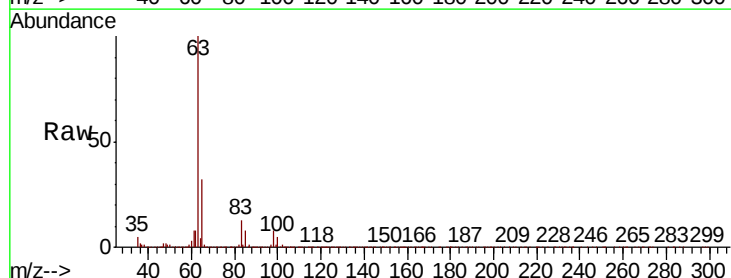
Tgt Ion: 63 Resp: 423137

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

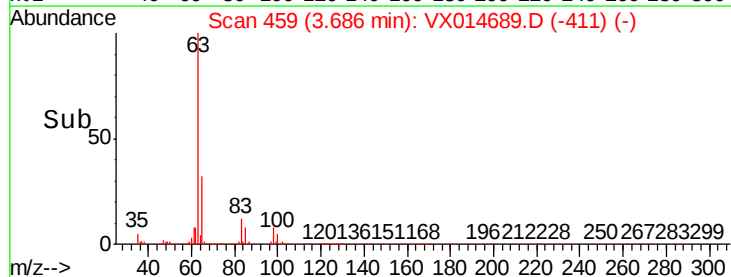
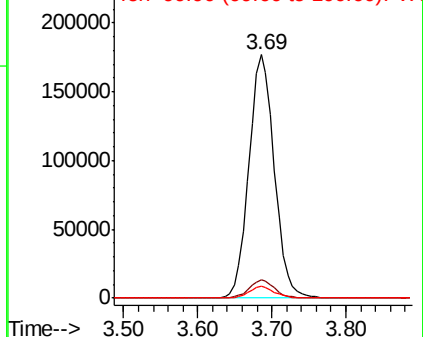
100 4.8 2.2 6.6

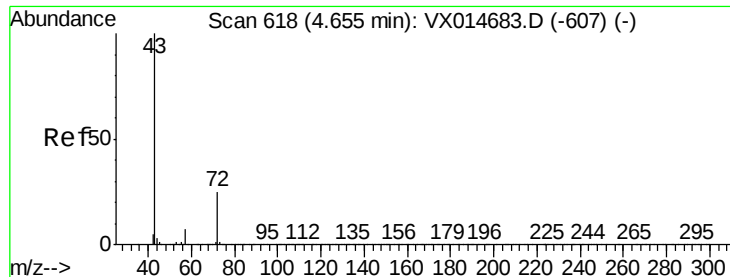


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.413 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

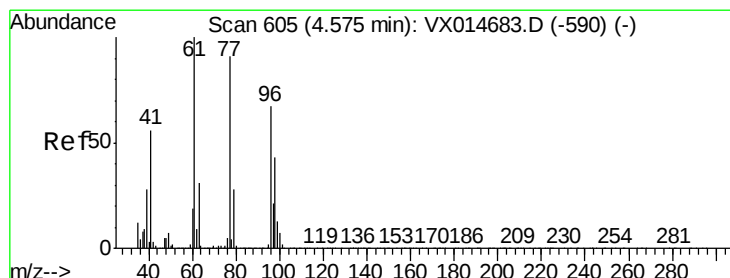
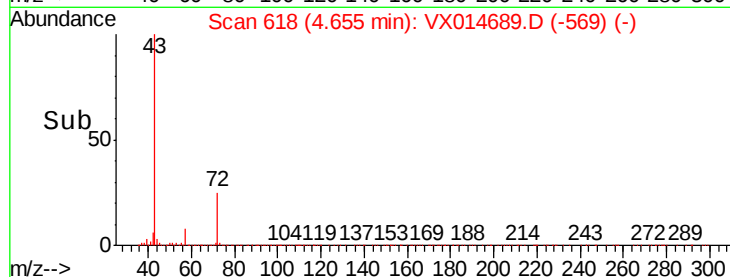
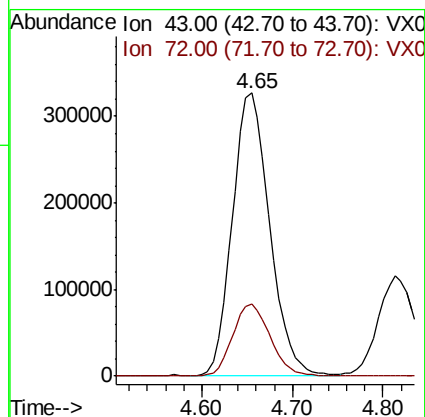
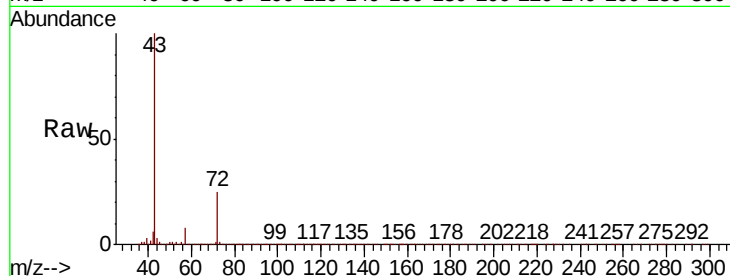
VSTDCCC050

Tot Ion: 43 Resp: 929372

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 48.843 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014689.D

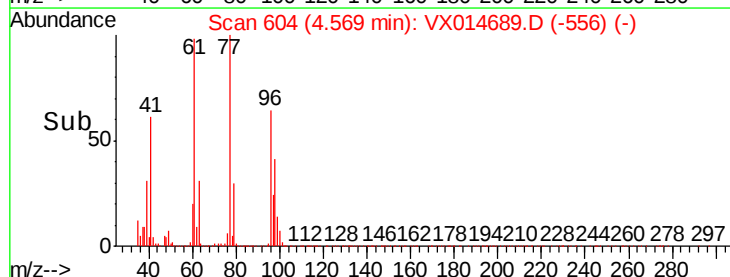
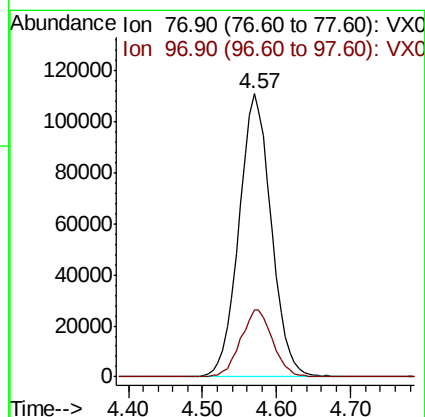
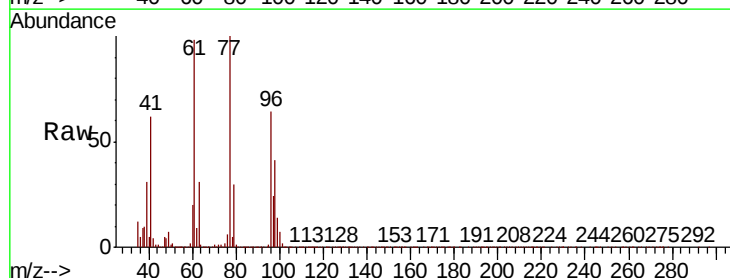
Acq: 24 Jan 2020 10:15

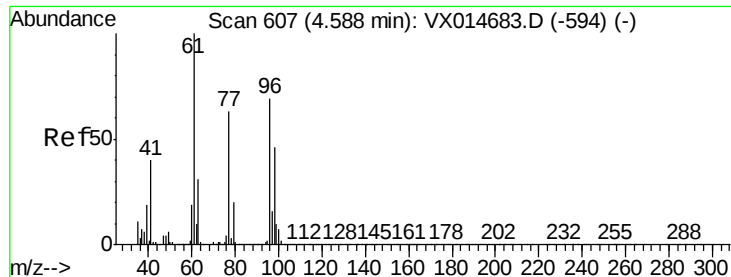
Tgt Ion: 77 Resp: 336379

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3



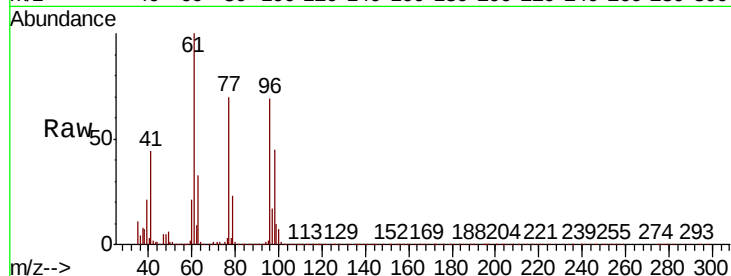


#27

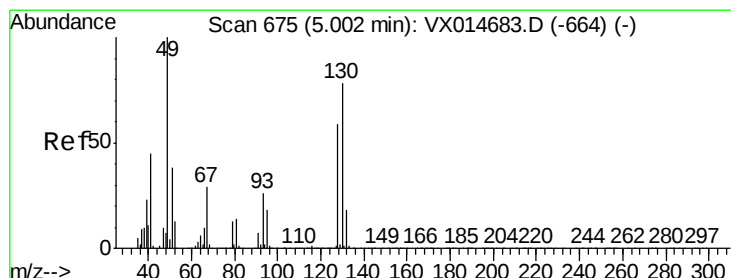
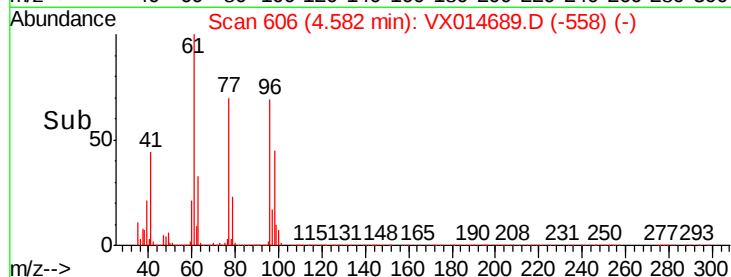
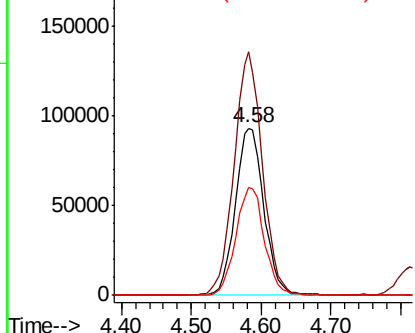
cis-1,2-Dichloroethene
Concen: 47.917 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	291.0
98	65.2	0.0	129.8



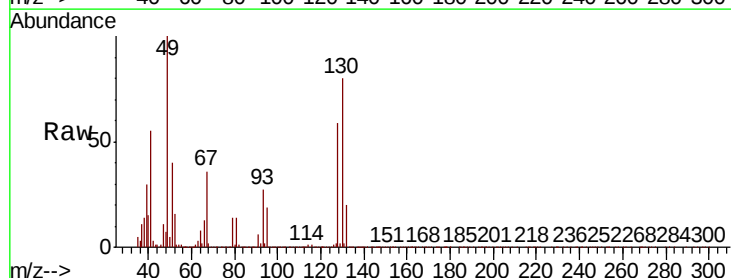
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



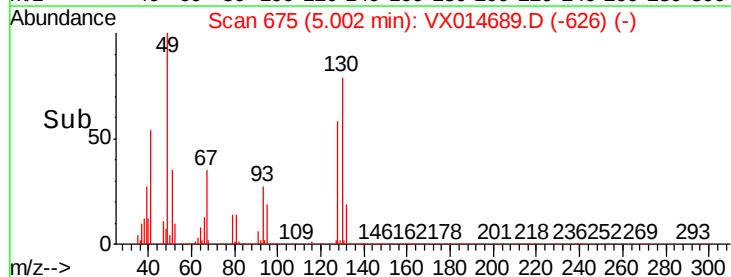
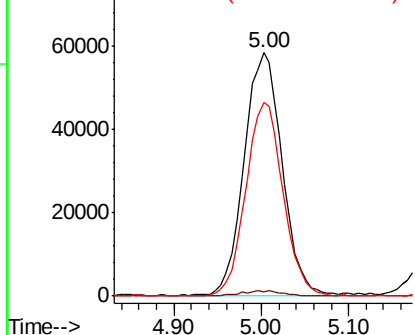
#28

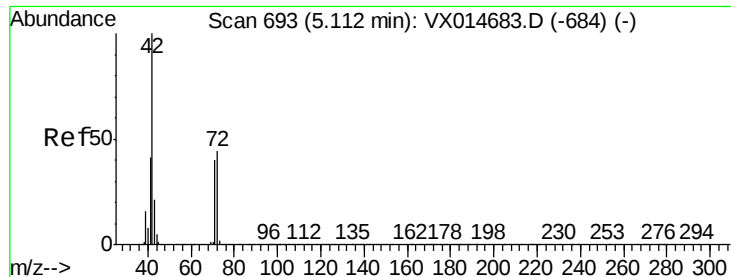
Bromochloromethane
Concen: 46.356 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	78.7	62.4	93.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 227.363 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

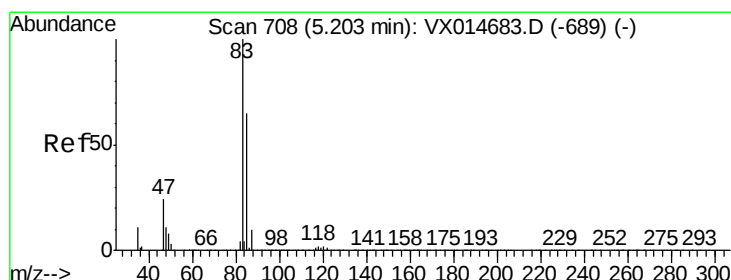
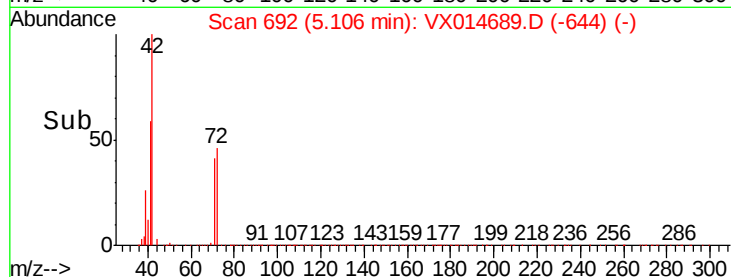
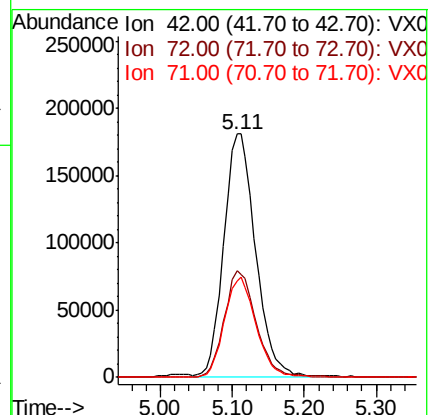
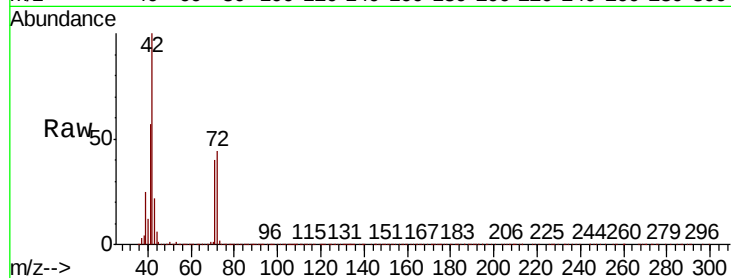
Tot Ion: 42 Resp: 551478

Ion Ratio Lower Upper

42 100

72 44.1 35.3 52.9

71 40.8 33.1 49.7



#30

Chloroform

Concen: 47.291 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014689.D

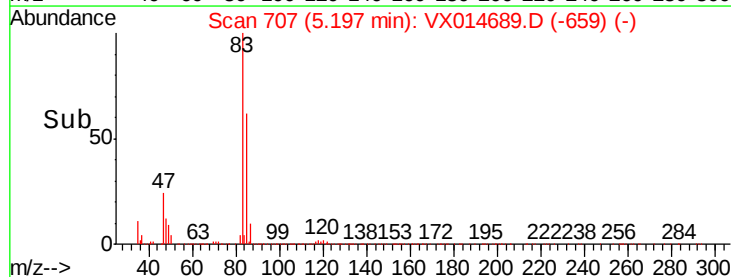
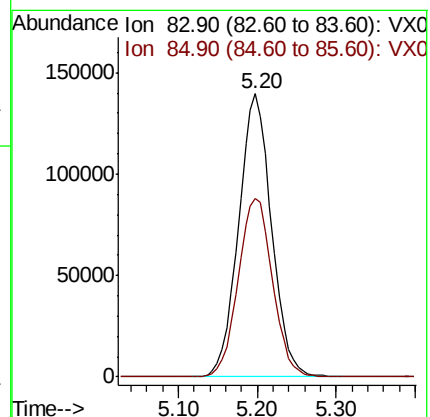
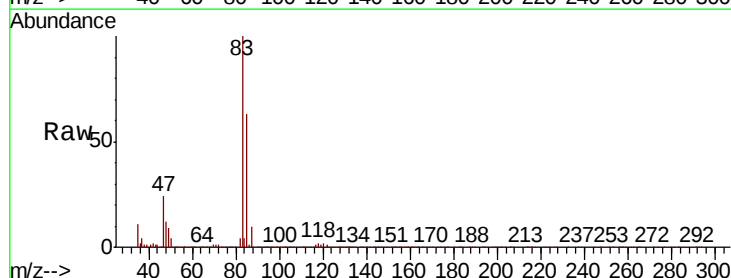
Acq: 24 Jan 2020 10:15

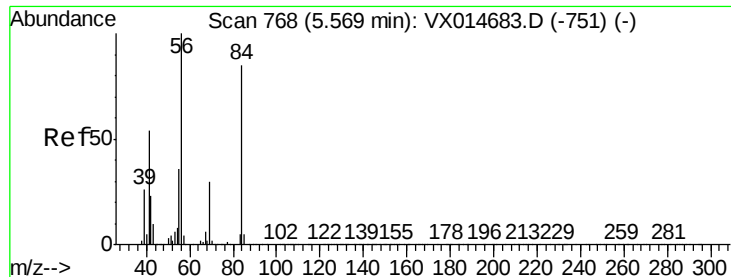
Tgt Ion: 83 Resp: 403081

Ion Ratio Lower Upper

83 100

85 63.1 51.7 77.5

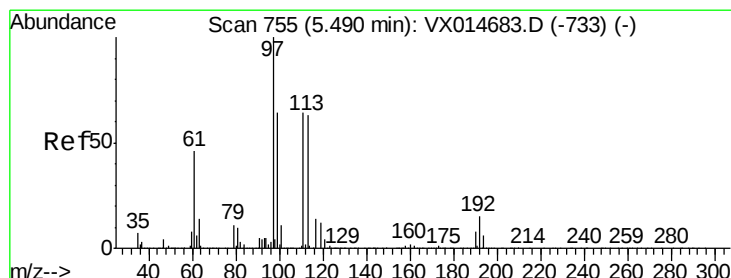
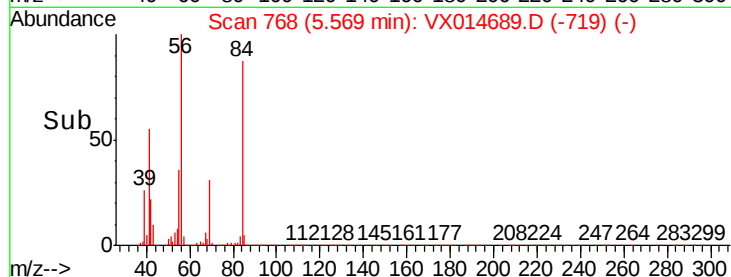
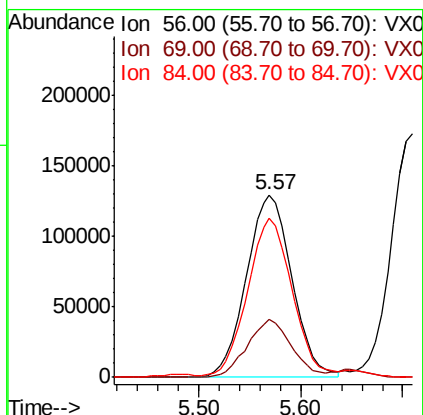
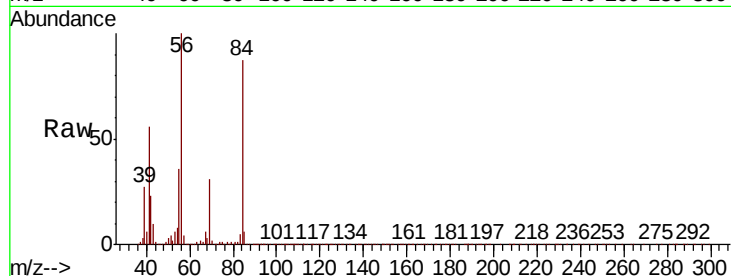




#31
Cyclohexane
Concen: 49.418 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

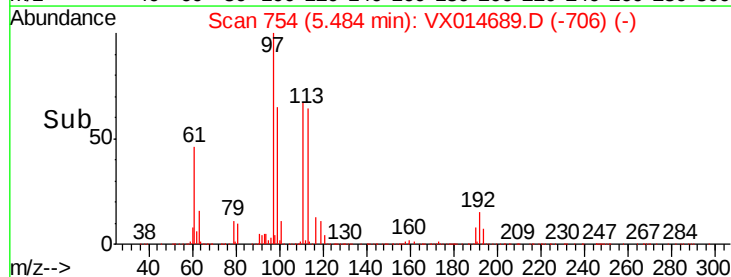
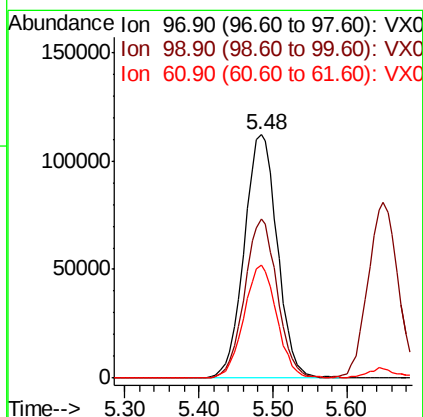
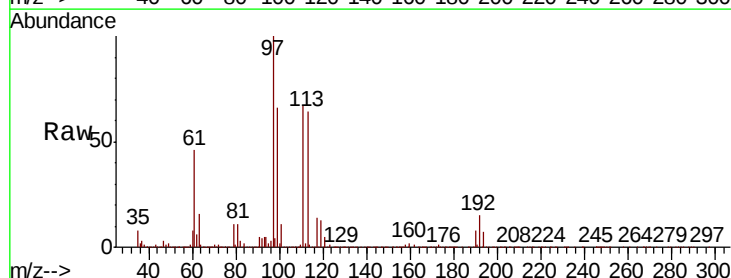
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

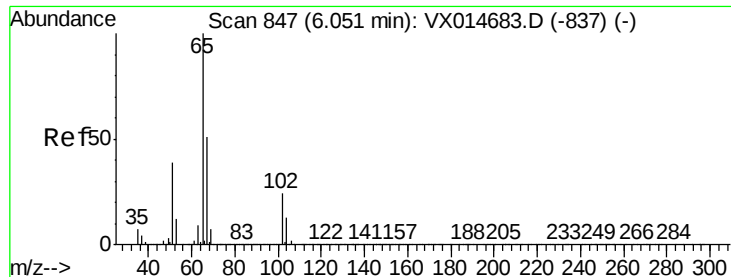
Tot Ion: 56 Resp: 399921
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 86.1 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 48.359 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 97 Resp: 348408
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 45.8 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 48.300 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

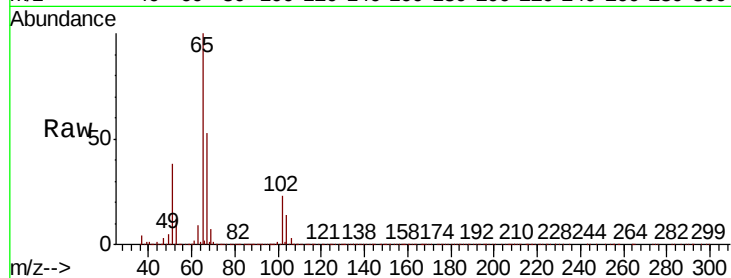
VSTDCCC050

Tot Ion: 65 Resp: 251373

Ion Ratio Lower Upper

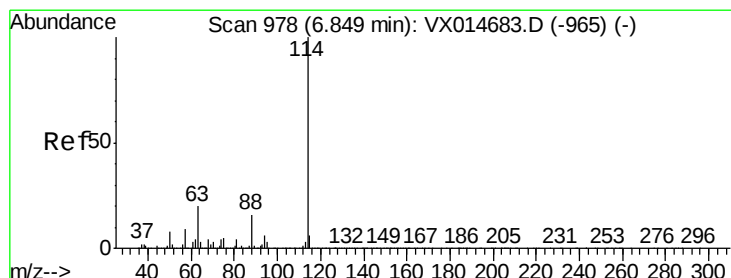
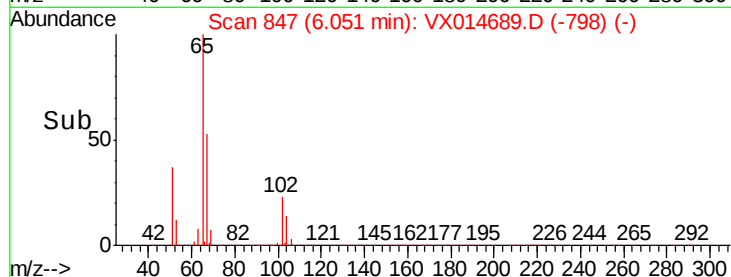
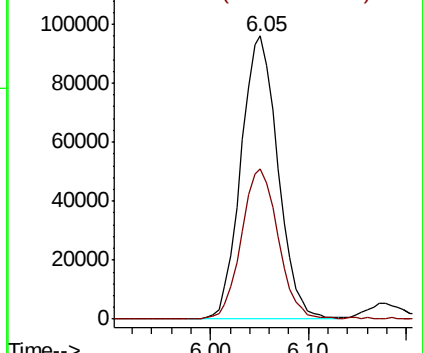
65 100

67 52.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

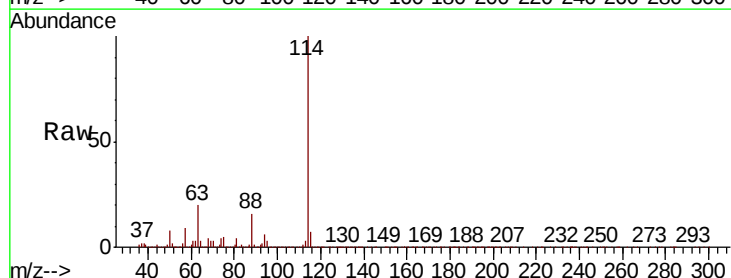
Tgt Ion: 114 Resp: 655782

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

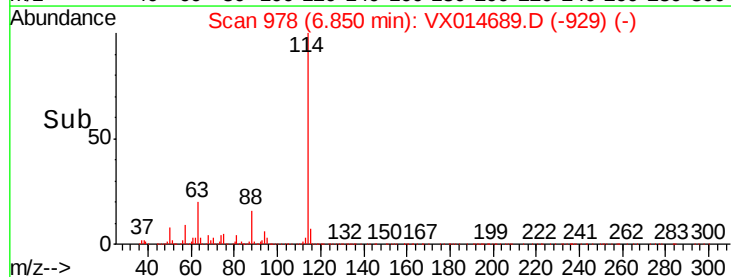
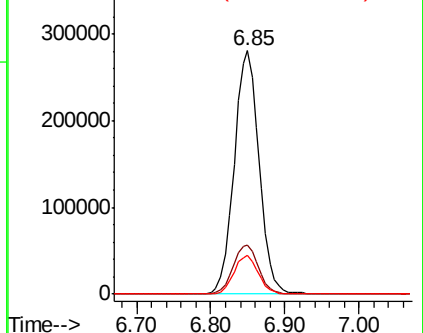
88 15.7 0.0 31.2

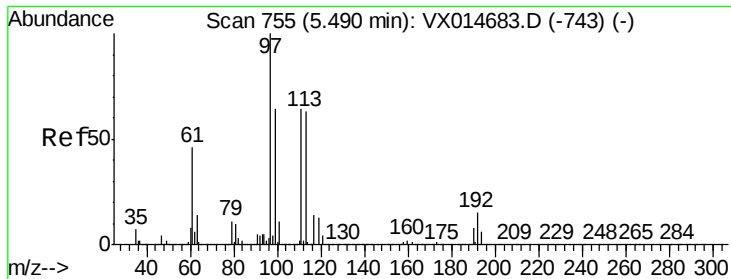


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

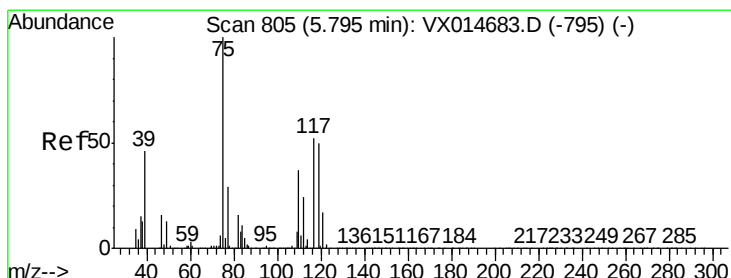
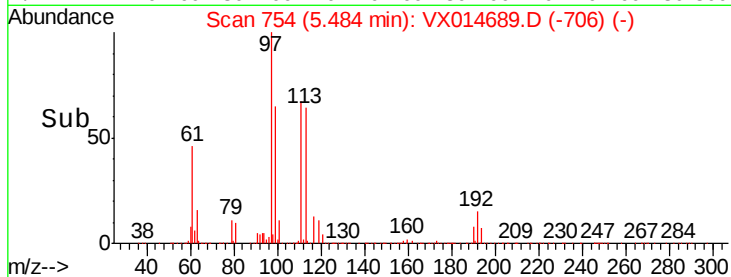
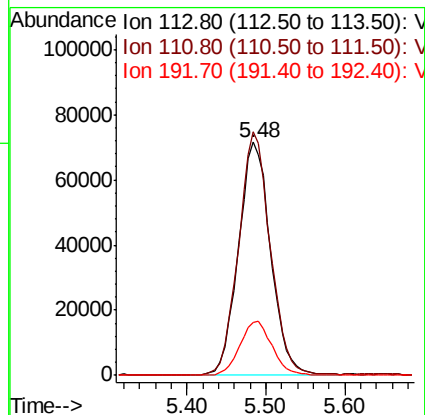
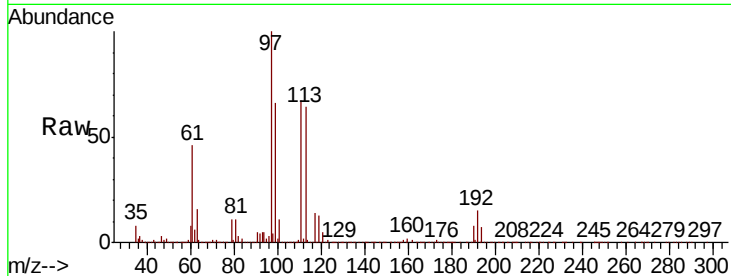




#35
 Dibromofluoromethane
 Concen: 48.988 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

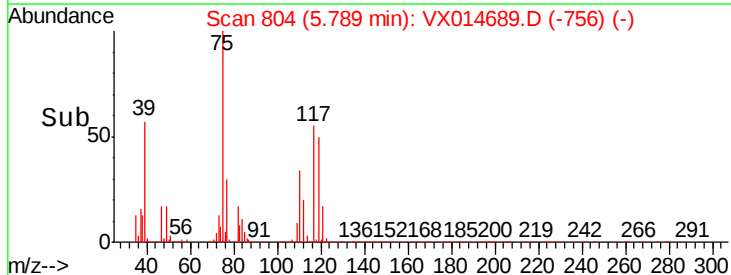
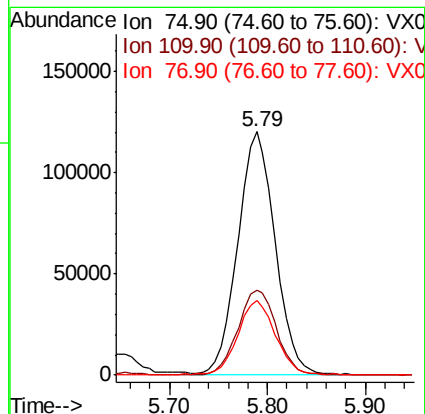
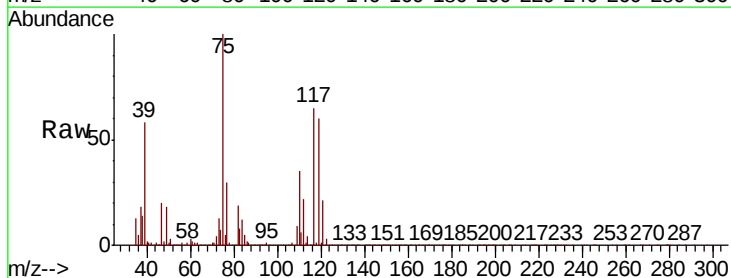
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

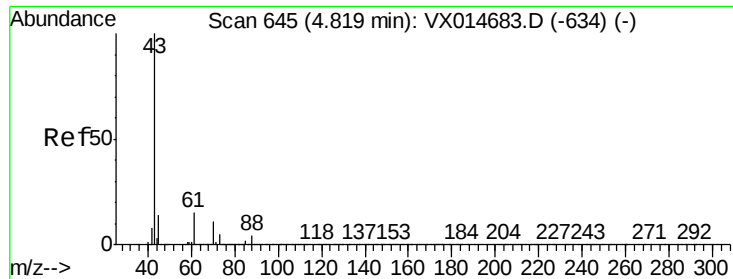
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	23.3	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 51.871 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.4	24.1	36.1

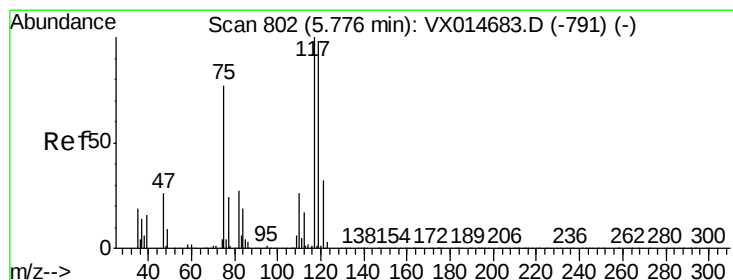
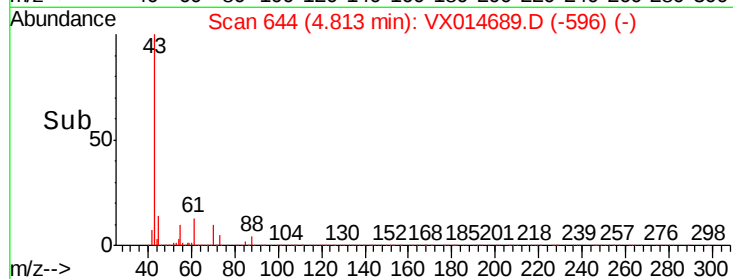
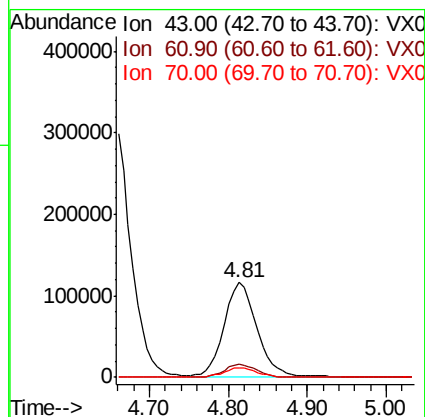
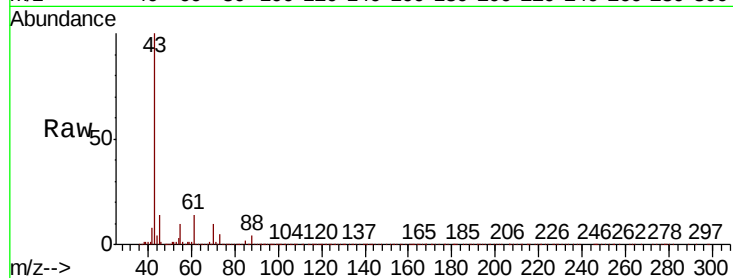




#37
Ethyl Acetate
Concen: 48.345 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

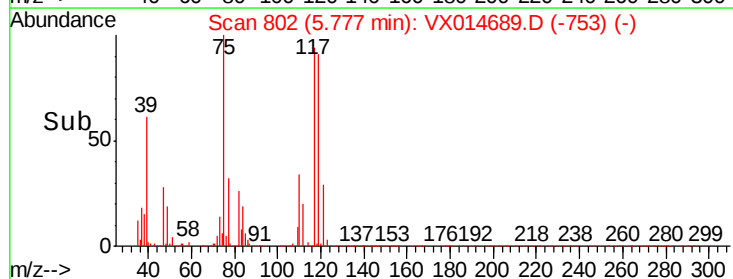
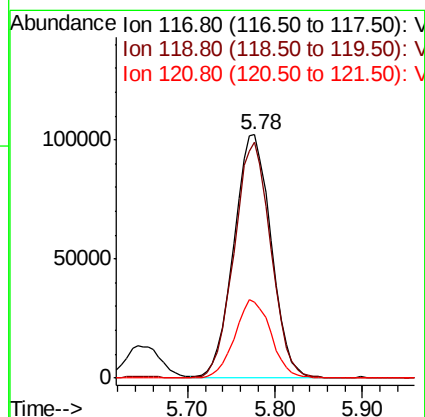
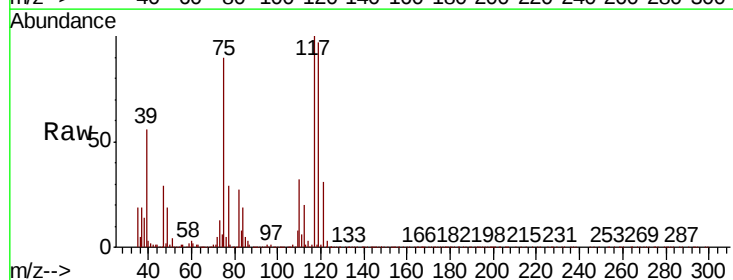
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 51.702 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.9	116.9
121	30.9	25.4	38.2

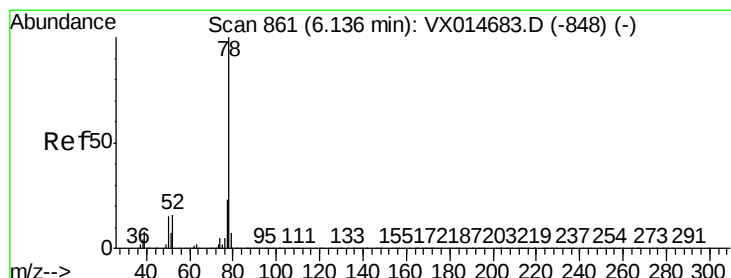
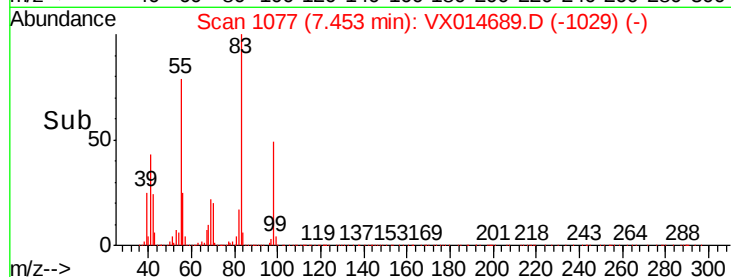
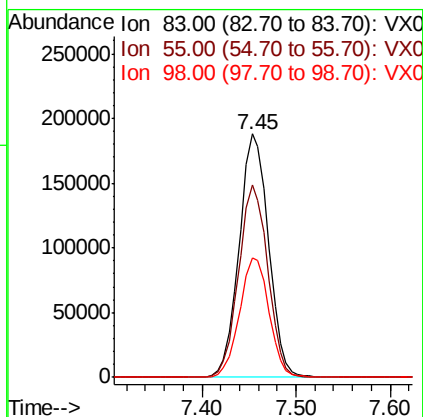
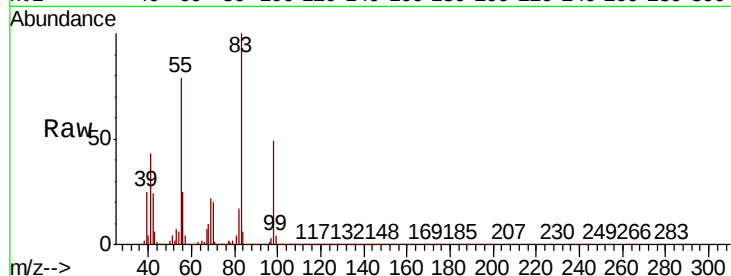




#39
Methvlcvclohexane
Concen: 53.233 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

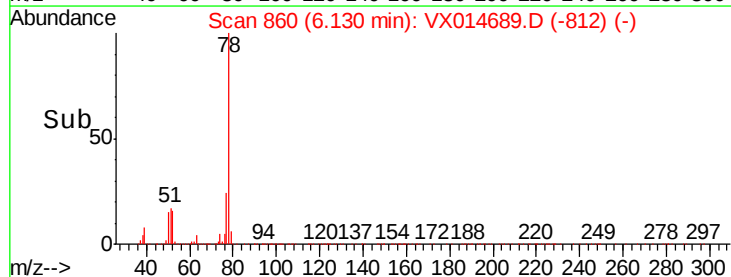
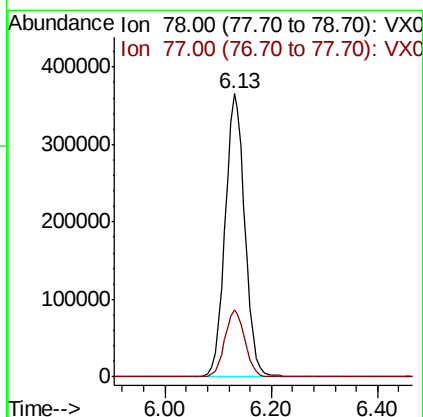
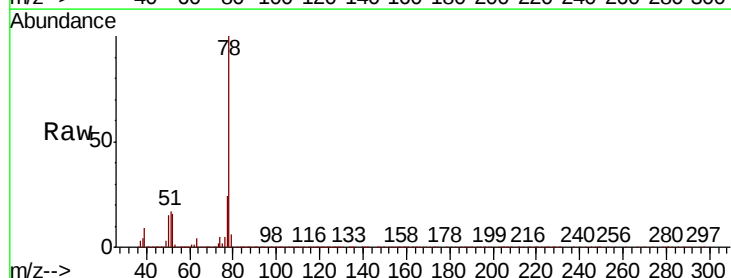
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

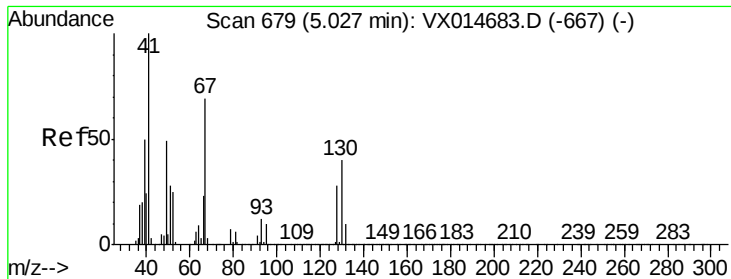
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	65.6	98.4
98	49.1	40.2	60.4



#40
Benzene
Concen: 50.222 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1

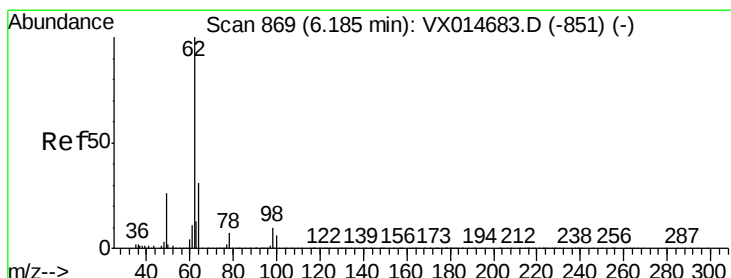
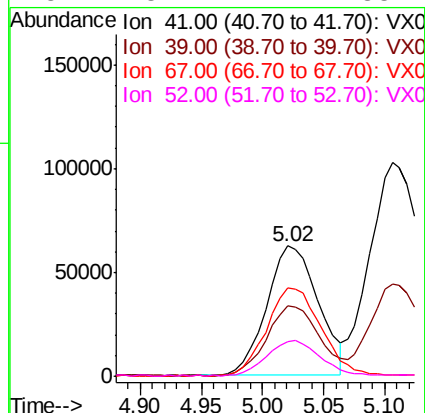
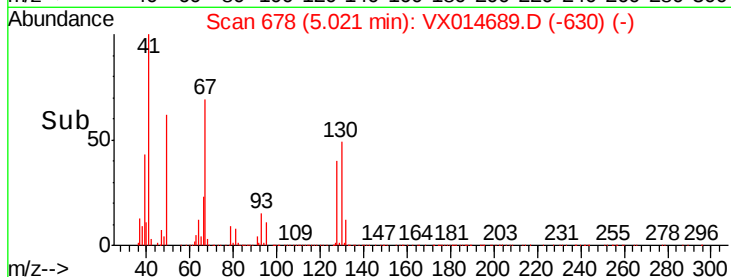
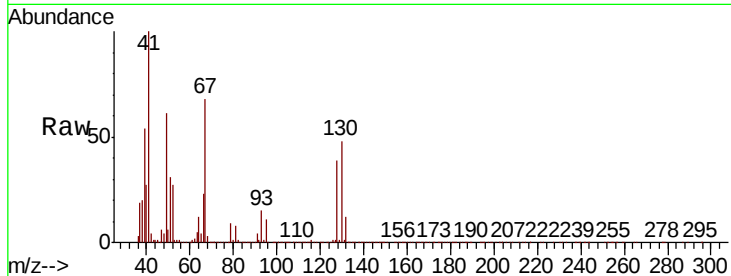




#41
Methacrylonitrile
Concen: 46.294 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

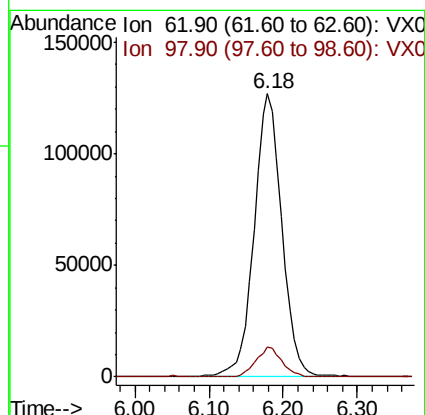
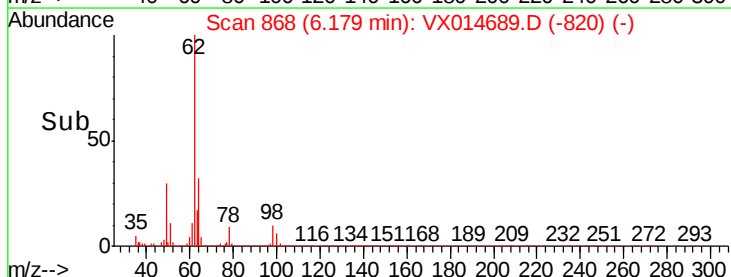
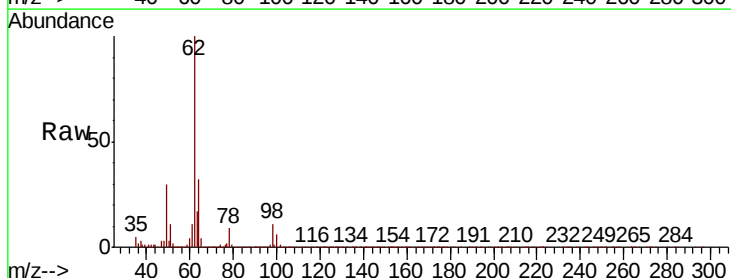
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

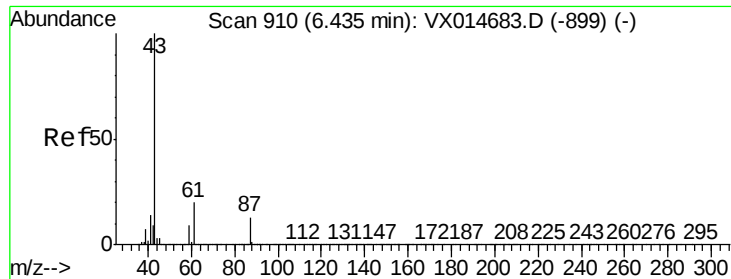
Tot Ion:	41	Resp:	184402
Ion	Ratio	Lower	Upper
41	100		
39	55.5	42.2	63.2
67	71.5	55.4	83.0
52	28.1	22.1	33.1



#42
1,2-Dichloroethane
Concen: 50.752 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:	62	Resp:	329970
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0



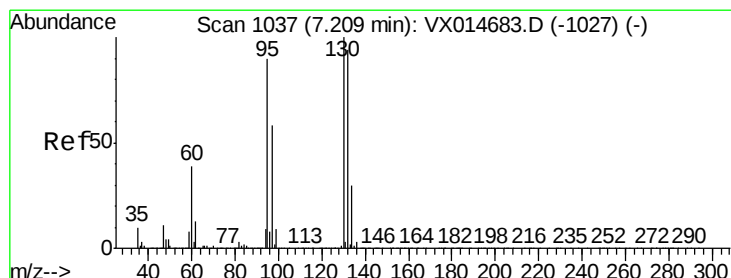
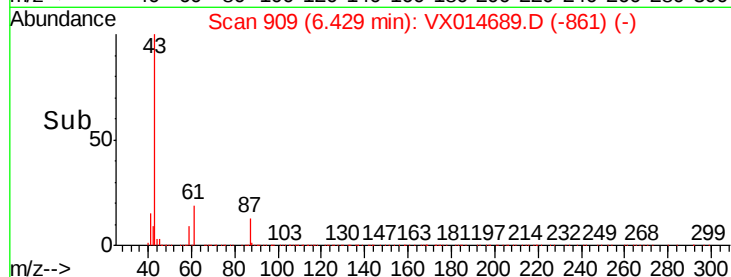
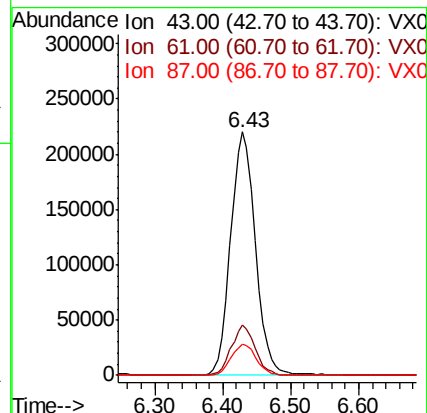
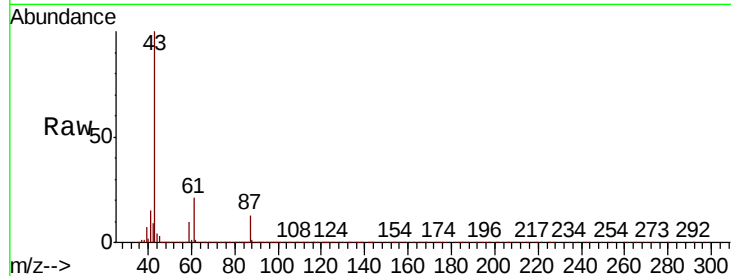


#43

Isopropyl Acetate
 Concen: 48.455 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

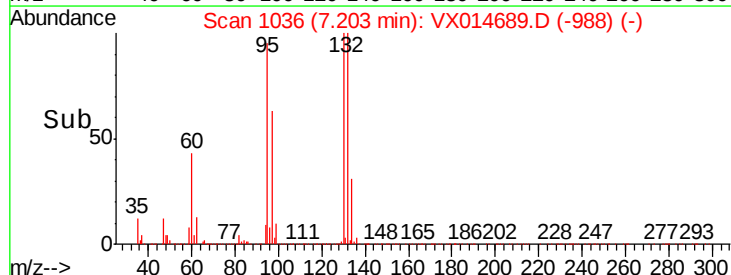
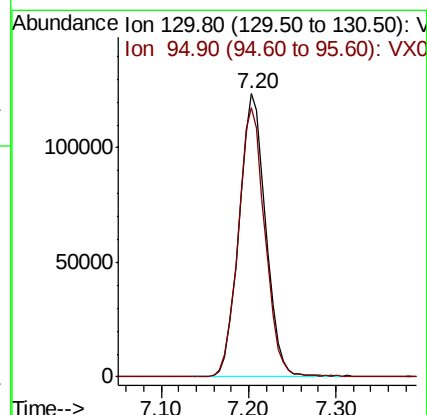
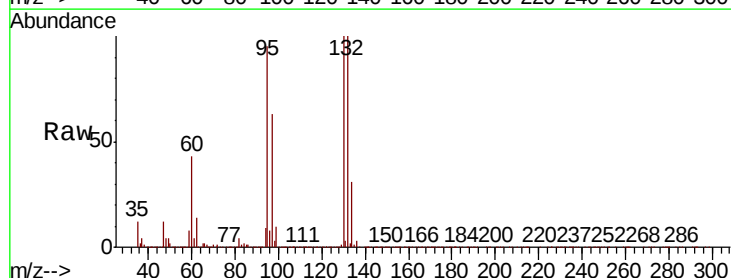
Tot Ion	43	Resp	553776
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.2	24.4
87	12.6	10.5	15.7

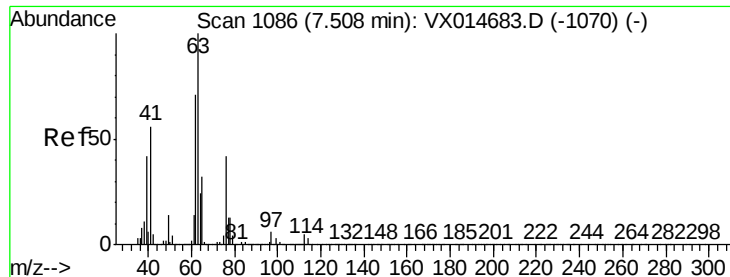


#44

Trichloroethene
 Concen: 49.085 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	130	Resp	261041
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	179.8

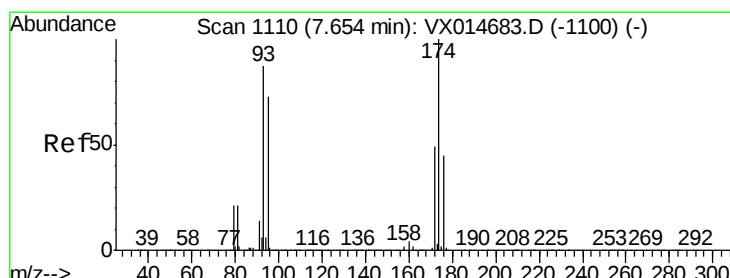
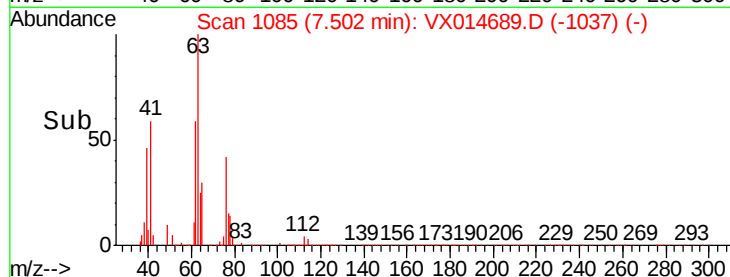
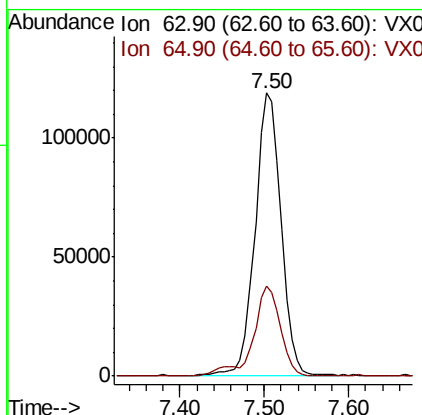
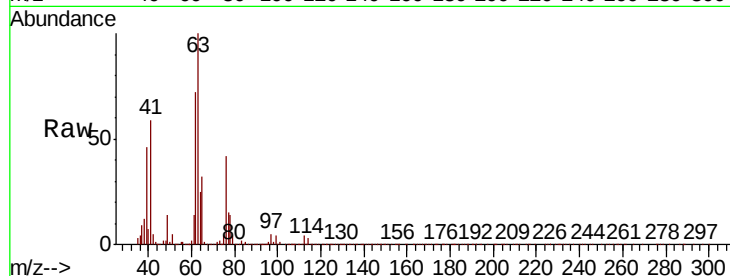




#45
 1,2-Dichloropropane
 Concen: 51.607 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

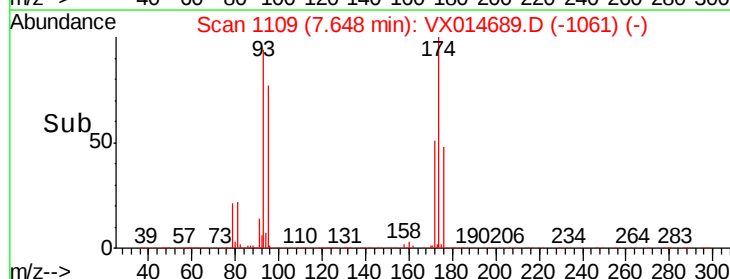
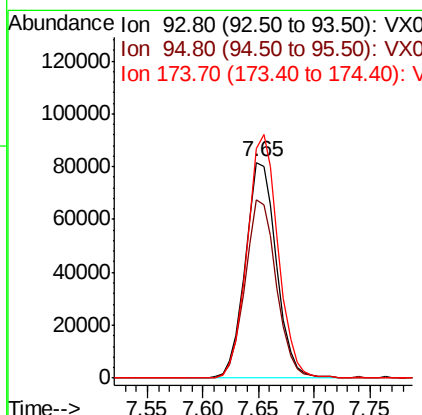
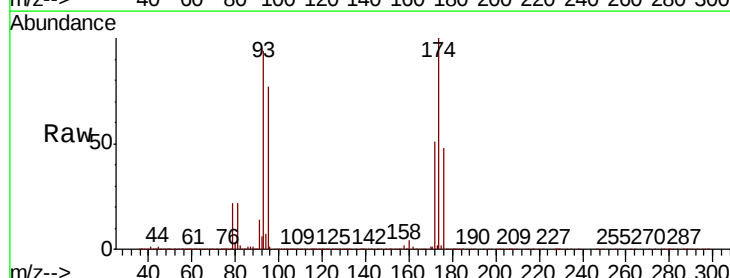
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

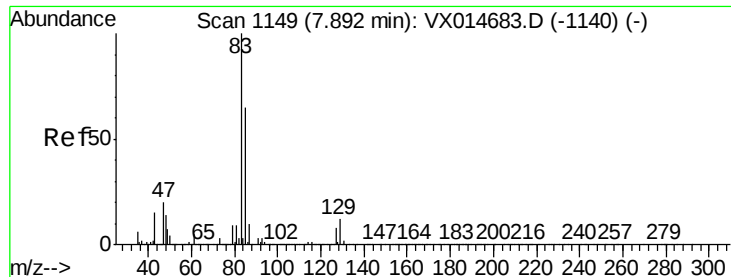
Tot Ion: 63 Resp: 250319
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.2 37.8



#46
 Dibromomethane
 Concen: 50.391 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion: 93 Resp: 158299
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.4
 174 113.1 90.2 135.2





#47

Bromodichloromethane

Concen: 52.113 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

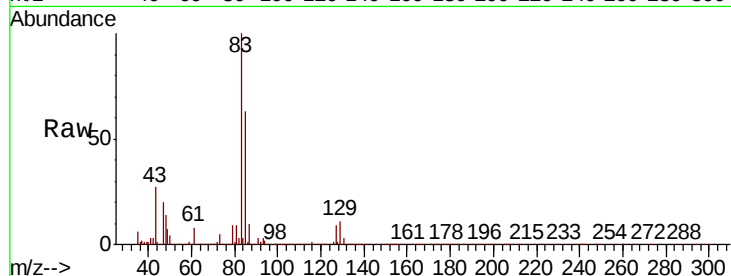
Tot Ion: 83 Resp: 321089

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.2

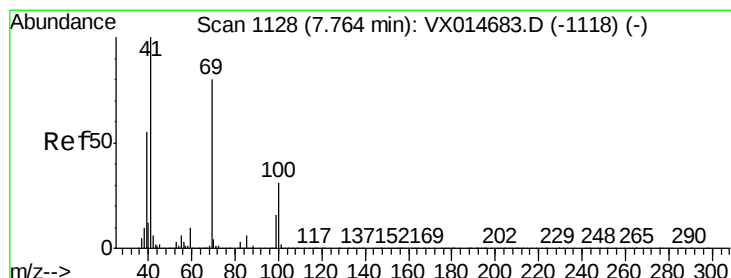
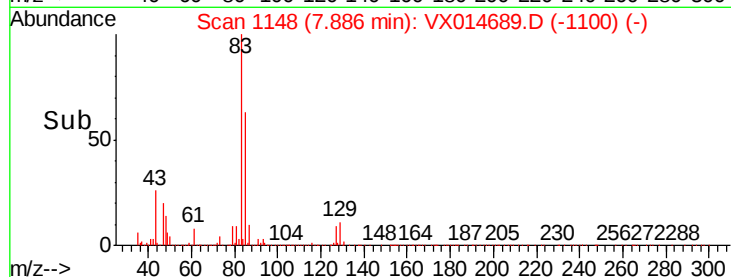
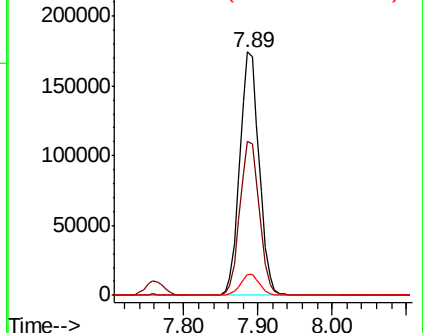
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 51.081 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

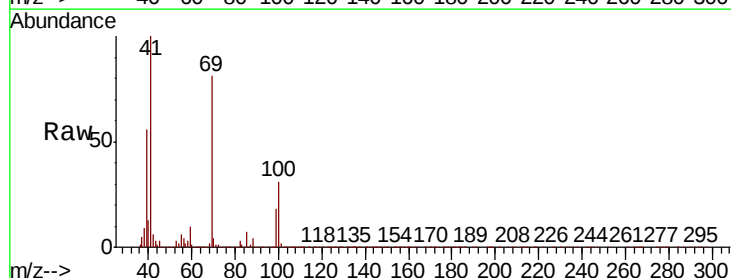
Tgt Ion: 41 Resp: 278932

Ion Ratio Lower Upper

41 100

69 79.8 63.5 95.3

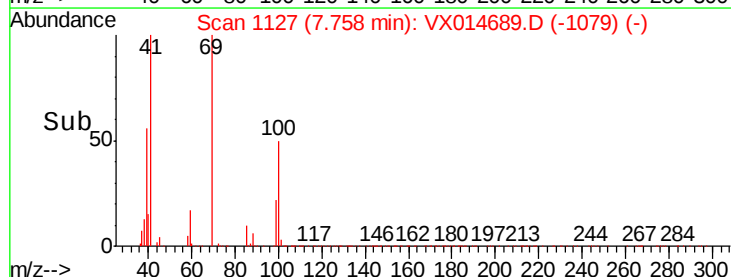
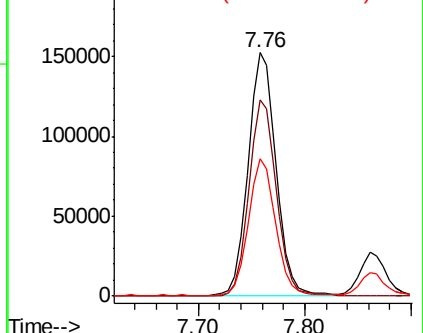
39 54.8 43.7 65.5

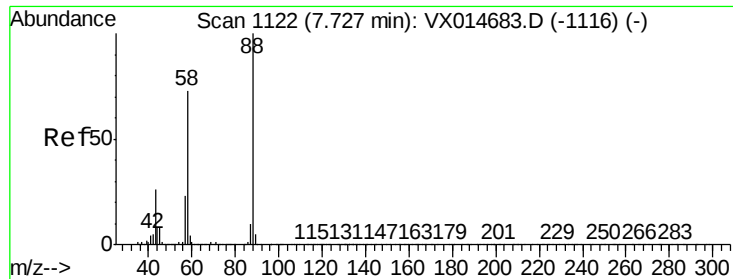


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 929.819 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

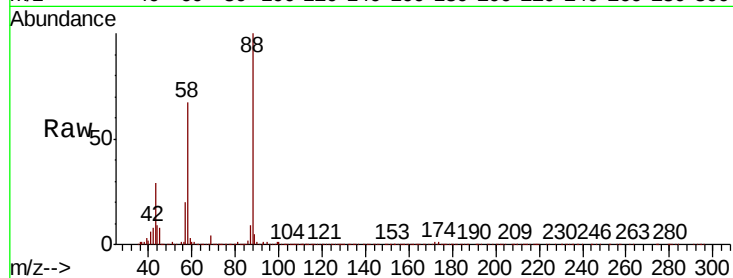
Tot Ion: 88 Resp: 107627

Ion Ratio Lower Upper

88 100

43 33.4 26.2 39.2

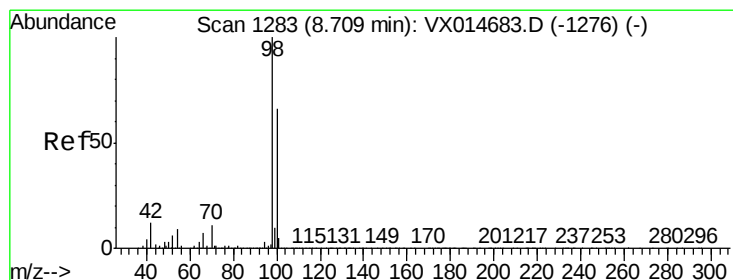
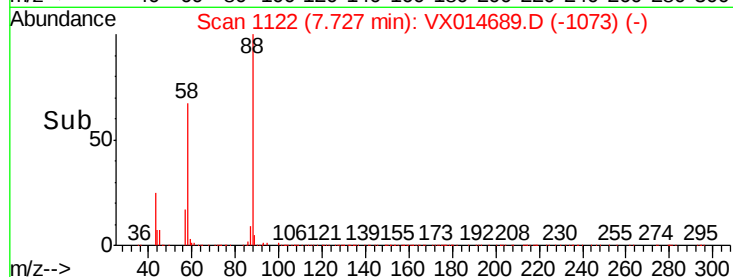
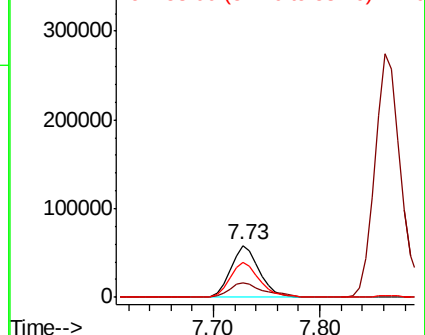
58 70.7 56.6 85.0



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



#50

Toluene-d8

Concen: 49.958 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014689.D

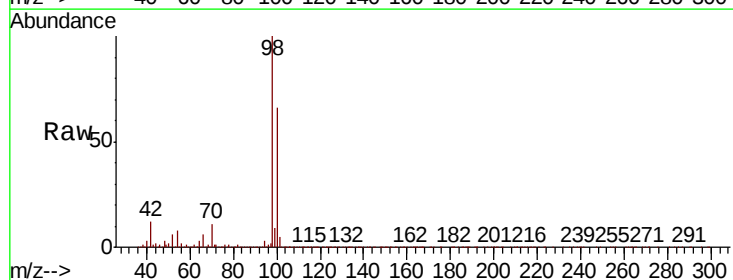
Acq: 24 Jan 2020 10:15

Tgt Ion: 98 Resp: 794732

Ion Ratio Lower Upper

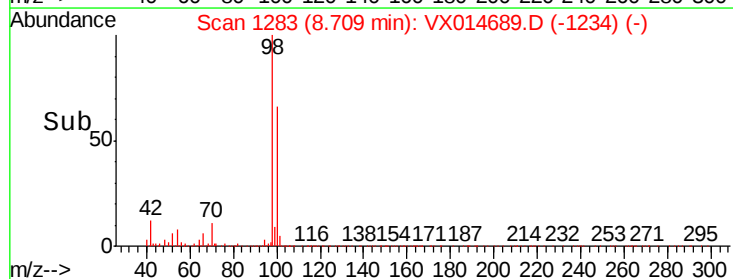
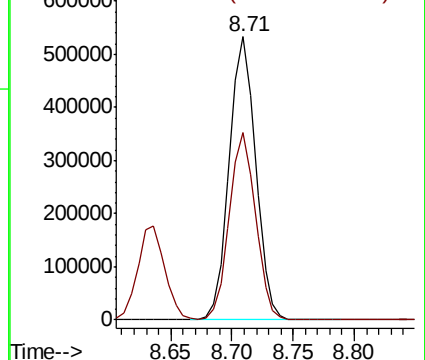
98 100

100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 241.239 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

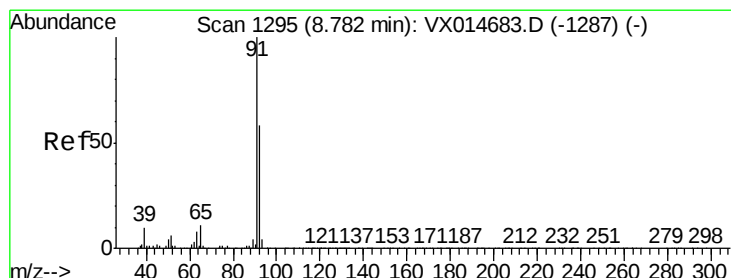
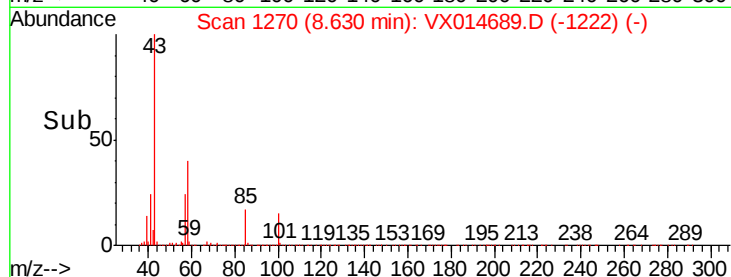
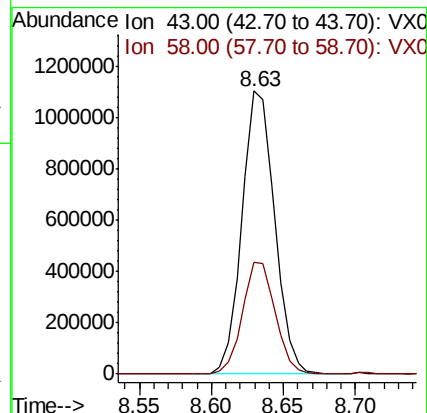
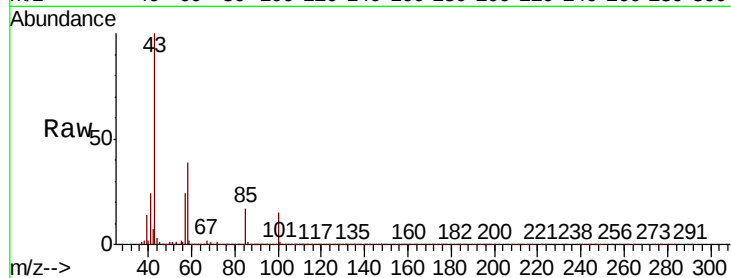
VSTDCCC050

Tot Ion: 43 Resp: 1740098

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



#52

Toluene

Concen: 51.836 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014689.D

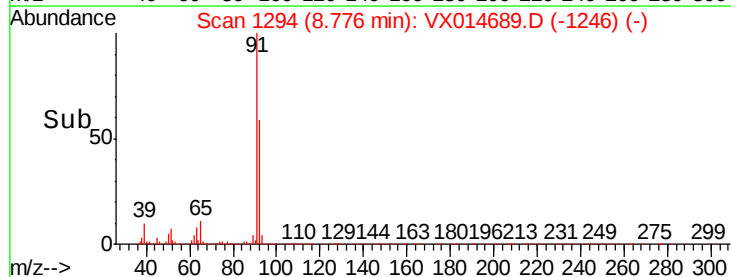
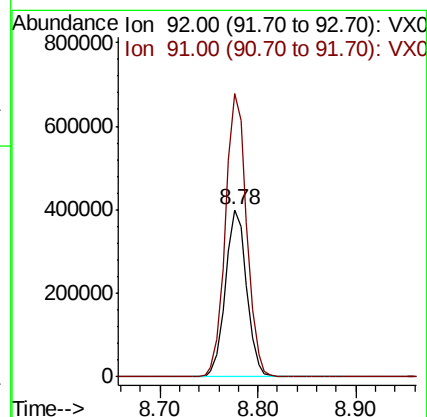
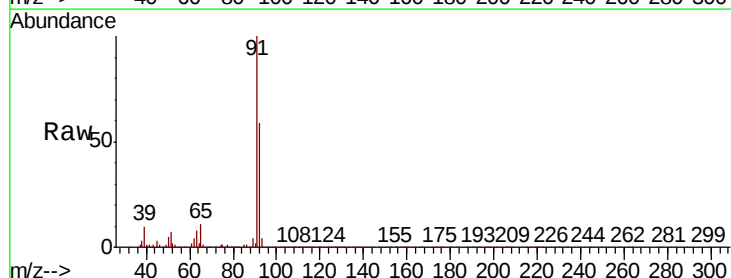
Acq: 24 Jan 2020 10:15

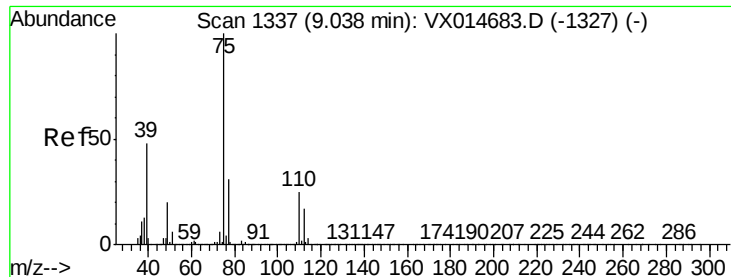
Tgt Ion: 92 Resp: 599922

Ion Ratio Lower Upper

92 100

91 170.6 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 53.054 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

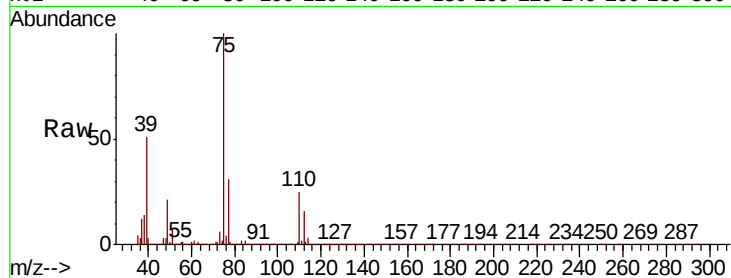
VSTDCCC050

Tot Ion: 75 Resp: 351976

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

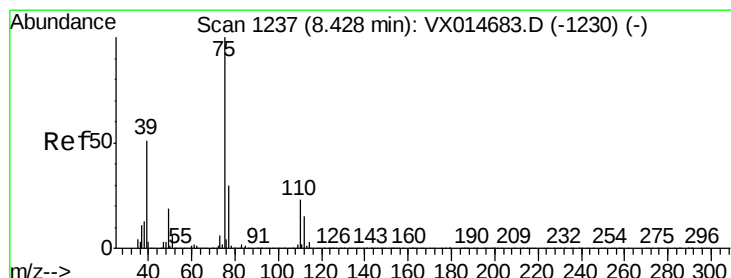
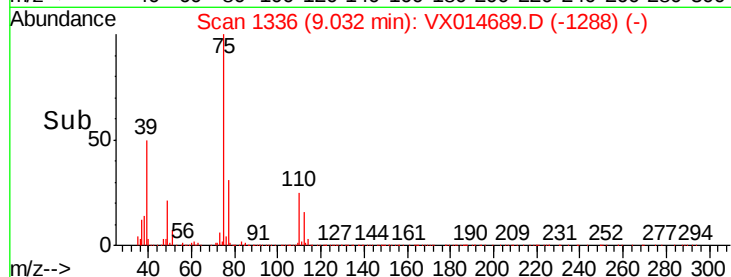
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.856 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

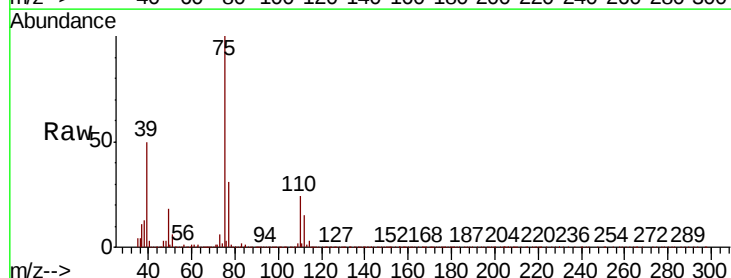
Tgt Ion: 75 Resp: 393060

Ion Ratio Lower Upper

75 100

77 31.2 23.9 35.9

39 50.4 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

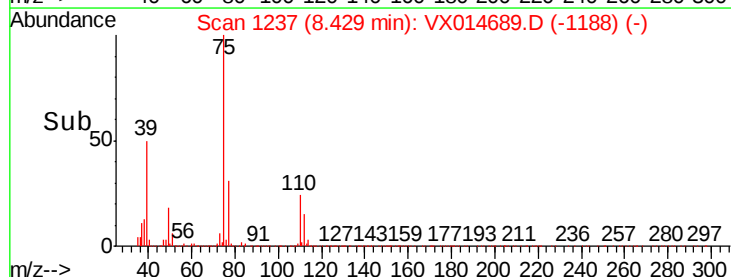
300000

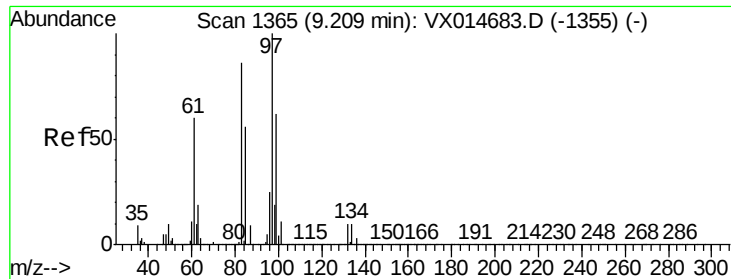
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.026 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 241785

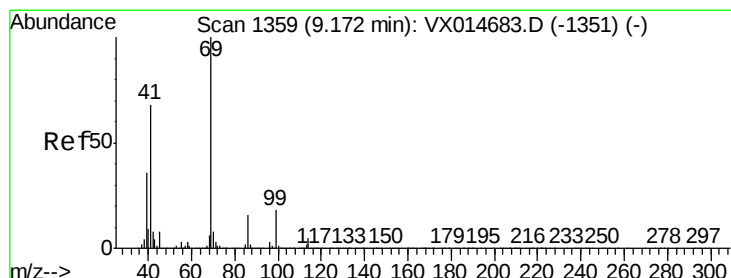
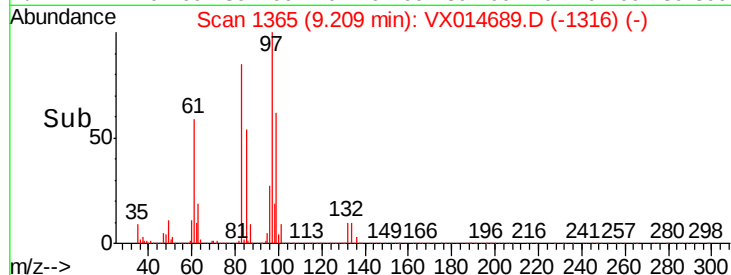
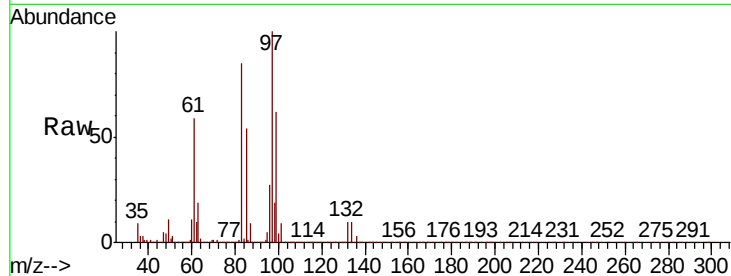
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.2	103.8
85	54.0	44.6	67.0
99	61.4	50.1	75.1

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.500 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

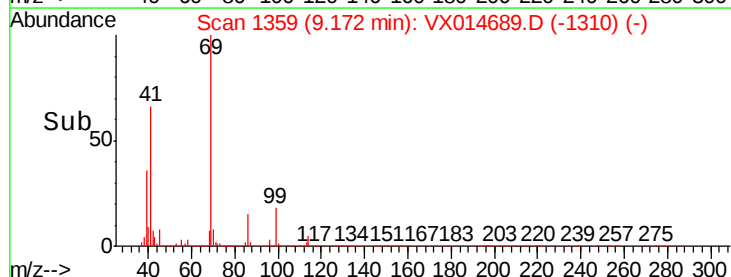
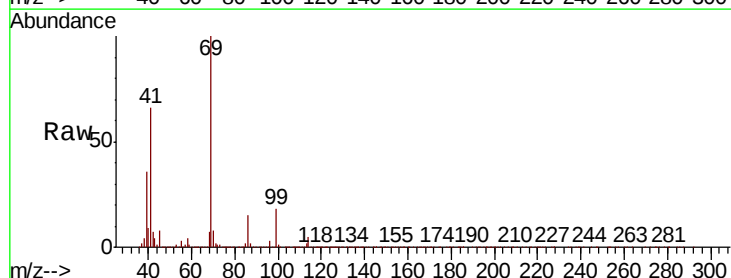
Tgt Ion: 69 Resp: 380836

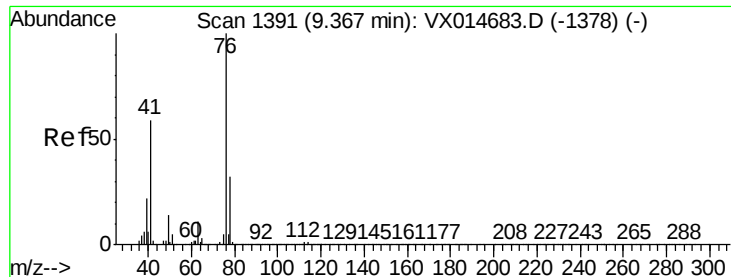
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.9	82.3
39	36.9	29.3	43.9

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





#57

1,3-Dichloropropane

Concen: 50.166 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

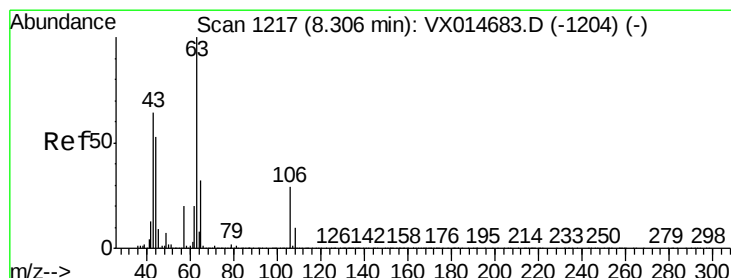
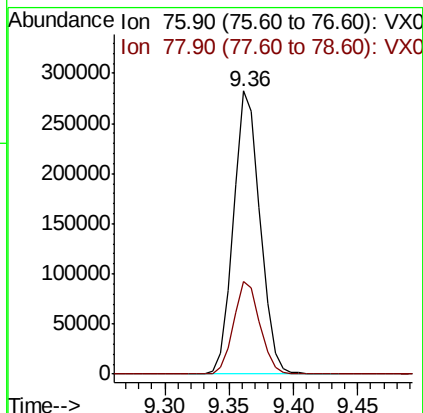
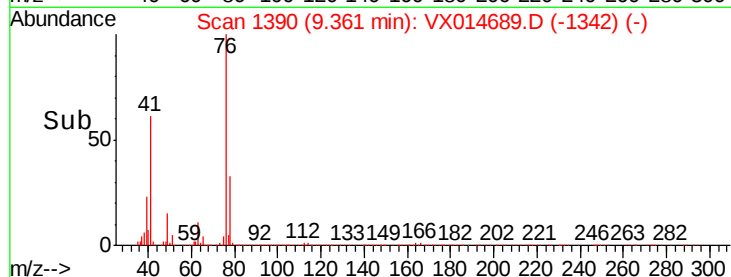
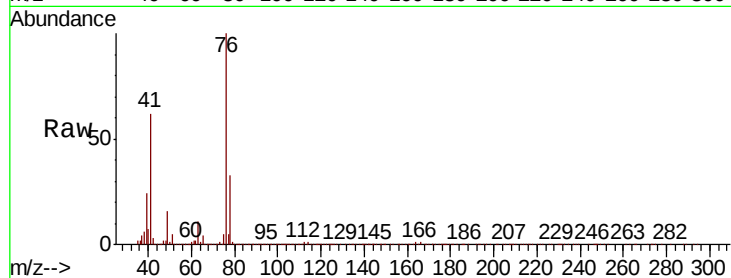
VSTDCCC050

Tot Ion: 76 Resp: 406354

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 261.541 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014689.D

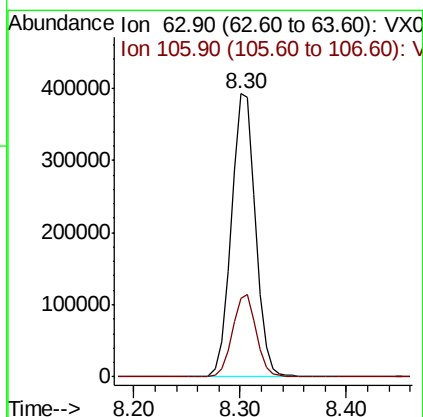
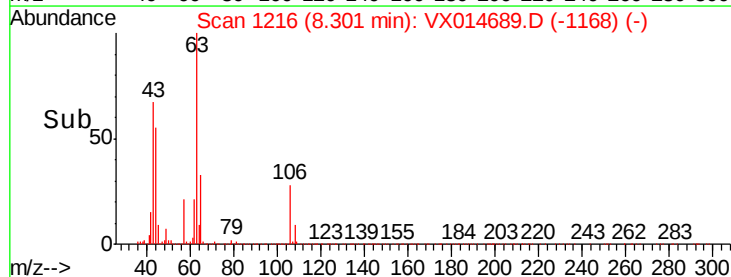
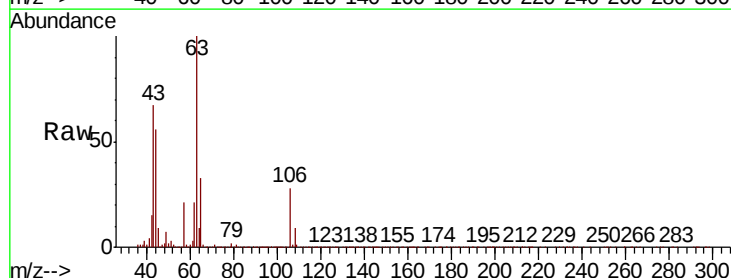
Acq: 24 Jan 2020 10:15

Tgt Ion: 63 Resp: 623254

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

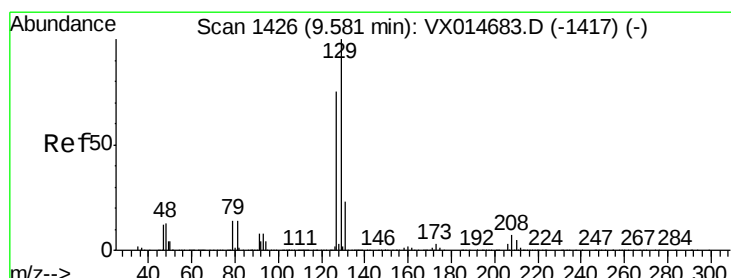
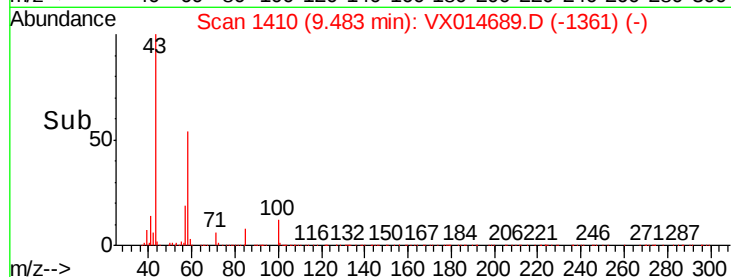
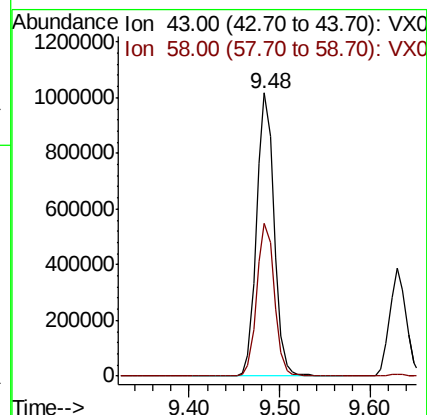
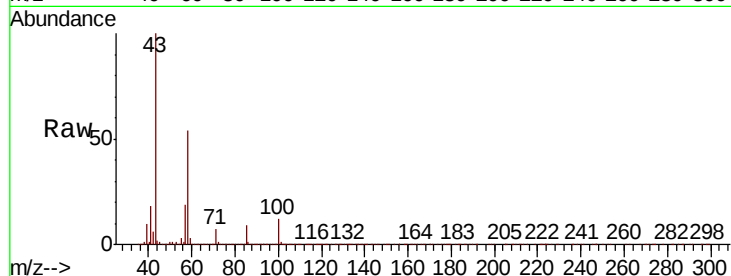




#59
2-Hexanone
Concen: 242.666 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

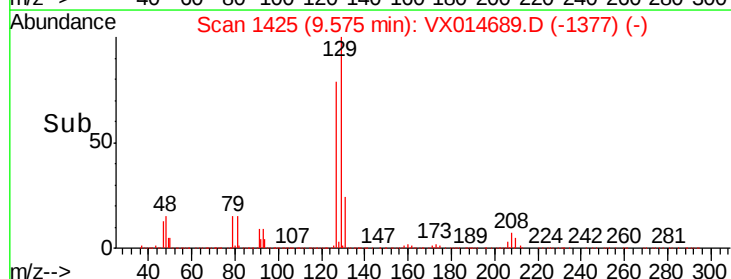
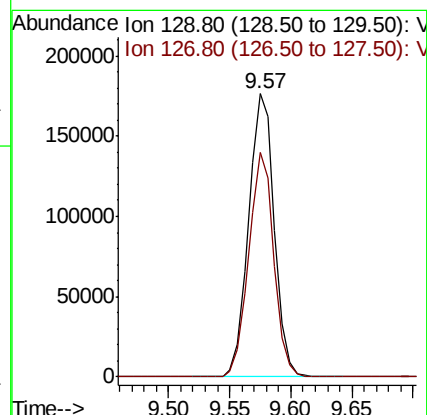
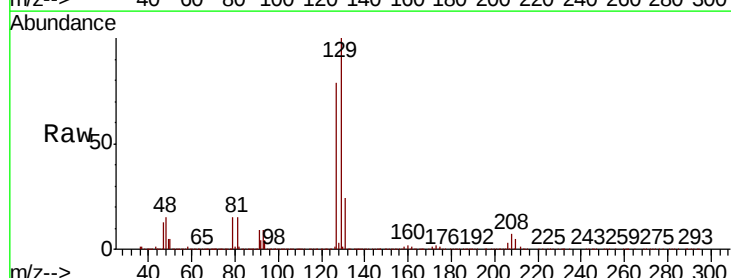
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

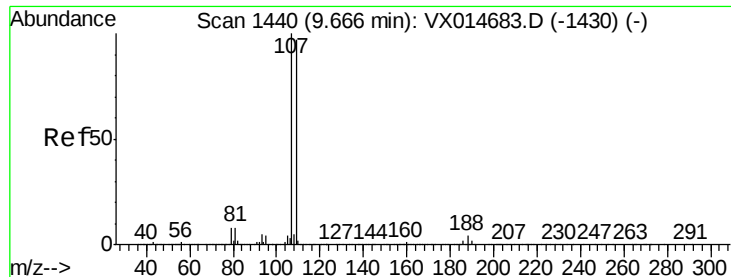
Tot Ion: 43 Resp: 1358282
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 51.849 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 129 Resp: 256444
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.027 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

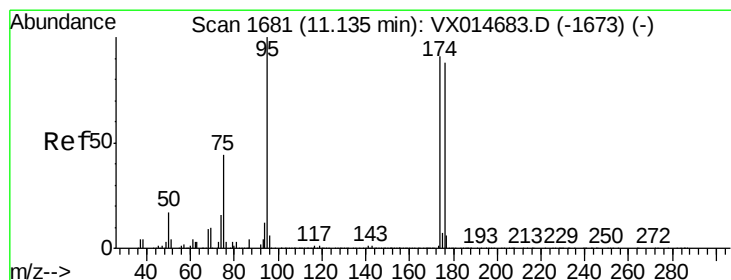
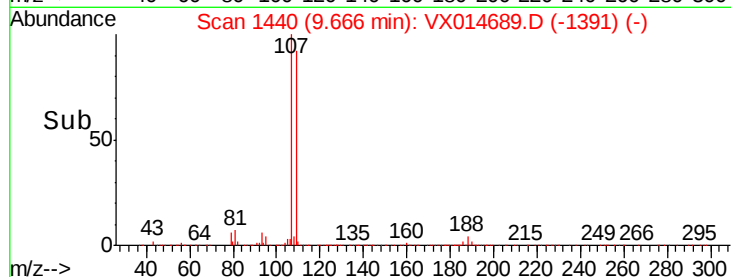
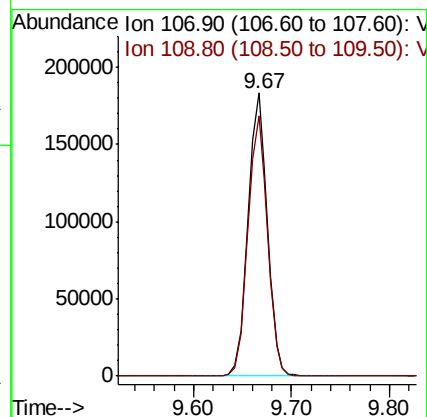
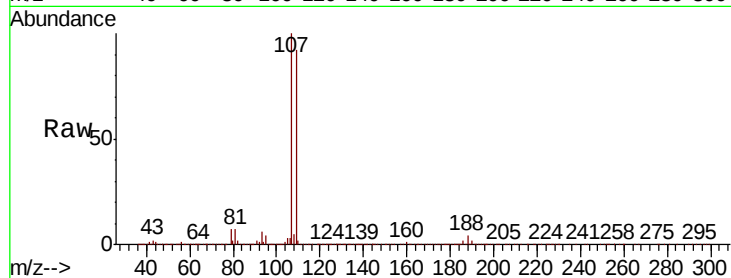
VSTDCCC050

Tot Ion:107 Resp: 250634

Ion Ratio Lower Upper

107 100

109 93.8 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 49.999 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

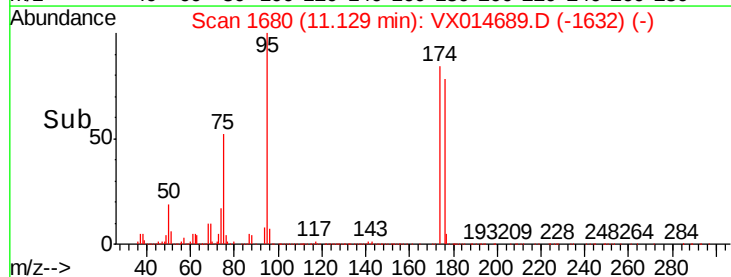
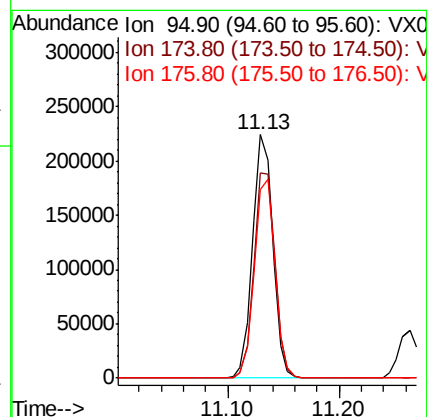
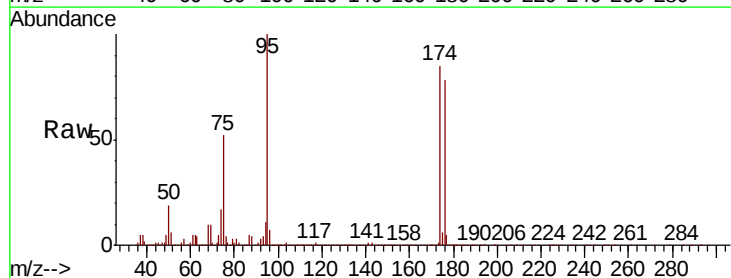
Tgt Ion: 95 Resp: 283333

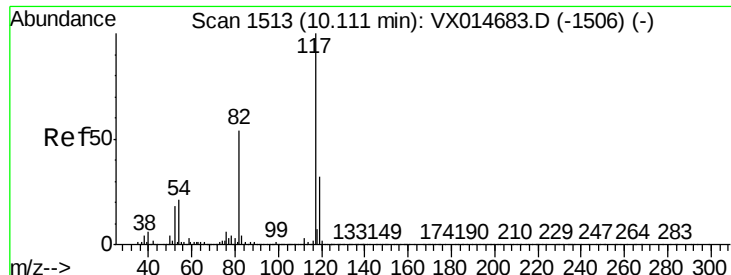
Ion Ratio Lower Upper

95 100

174 88.0 0.0 176.0

176 84.1 0.0 172.2

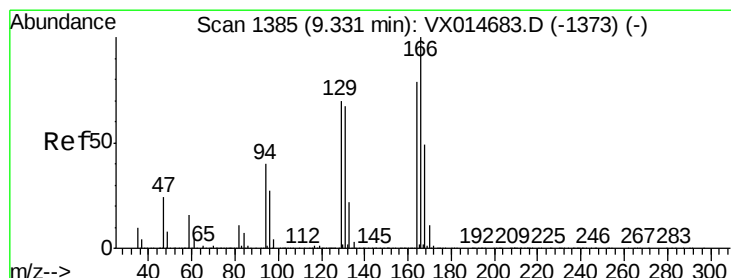
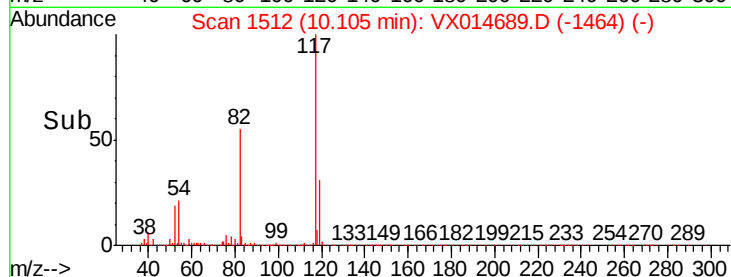
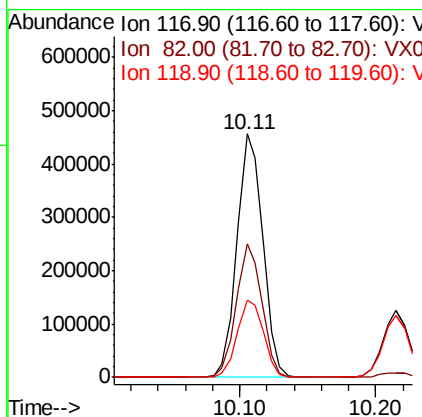
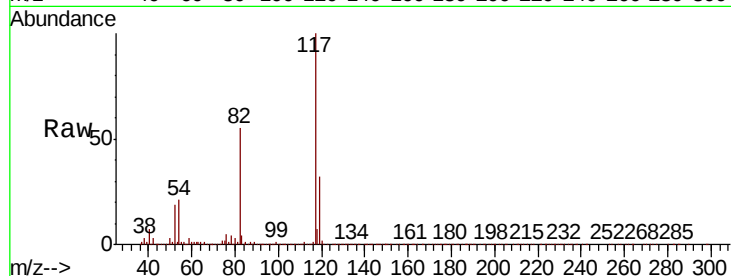




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

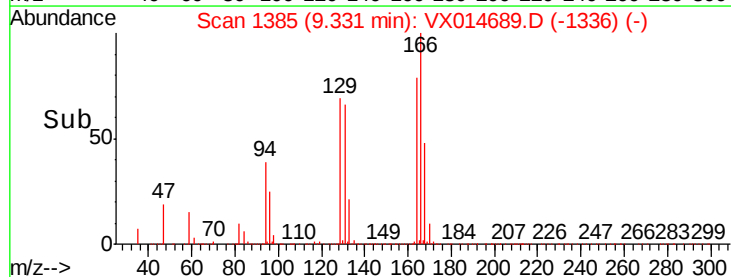
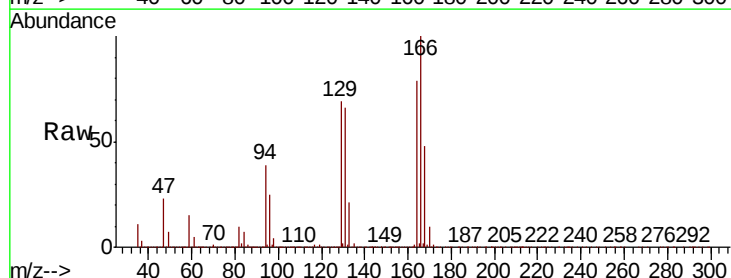
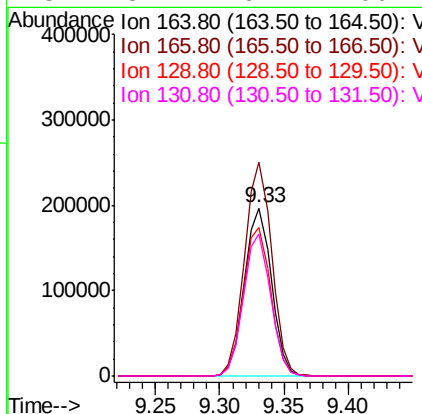
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.2	64.8
119	31.5	25.8	38.6



#64
Tetrachloroethene
Concen: 47.533 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.9	151.3
129	88.2	71.0	106.6
131	84.4	67.1	100.7





#65

Chlorobenzene

Concen: 49.365 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

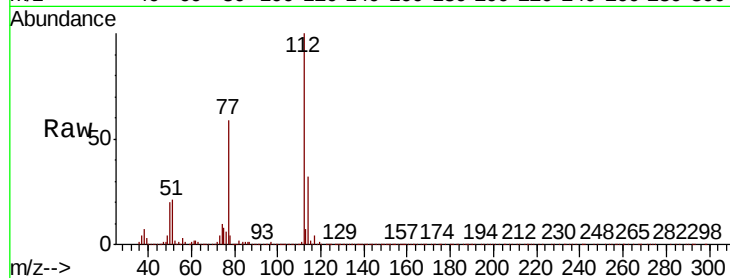
VSTDCCC050

Tot Ion:112 Resp: 638422

Ion Ratio Lower Upper

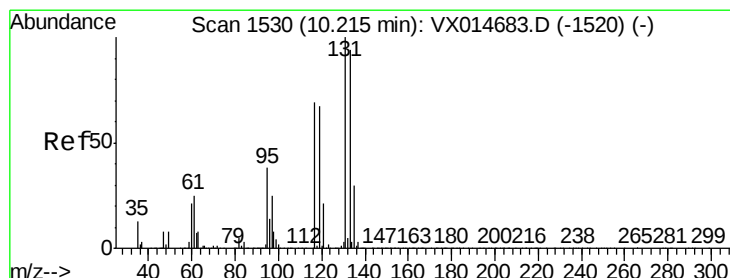
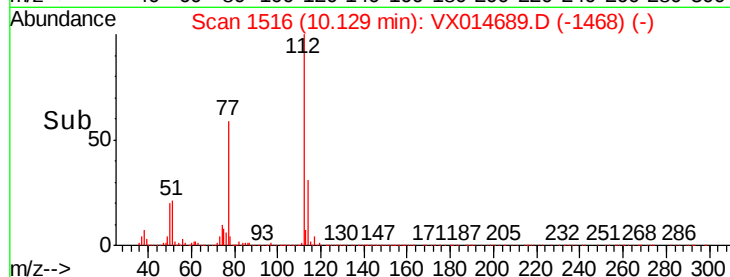
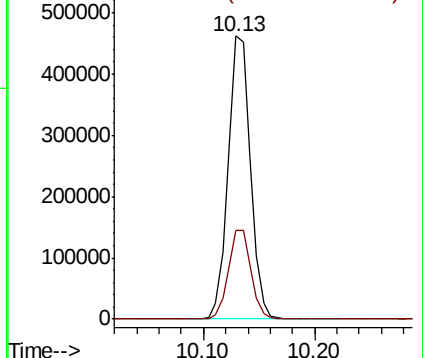
112 100

114 31.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.743 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

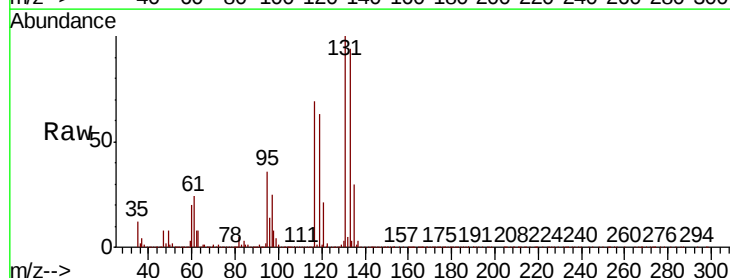
Tgt Ion:131 Resp: 237195

Ion Ratio Lower Upper

131 100

133 96.5 47.4 142.3

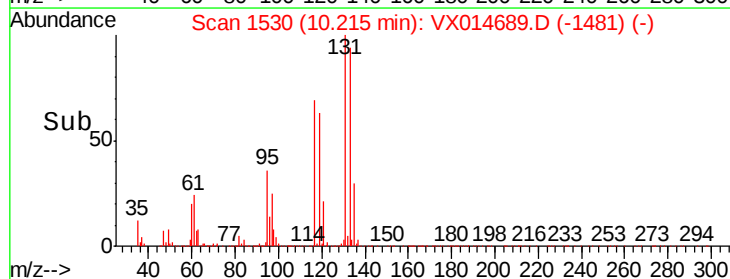
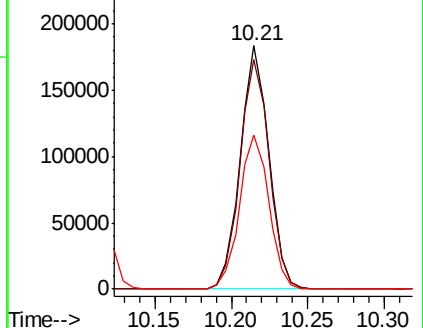
119 65.1 33.3 99.8

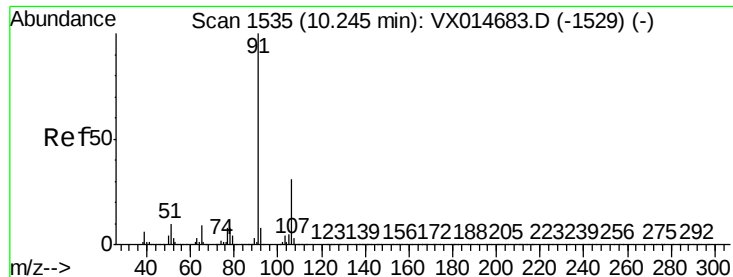


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.986 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampled :

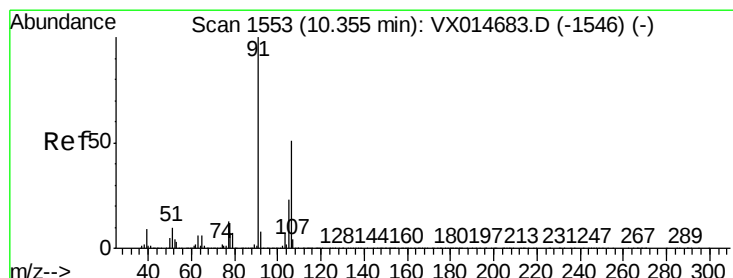
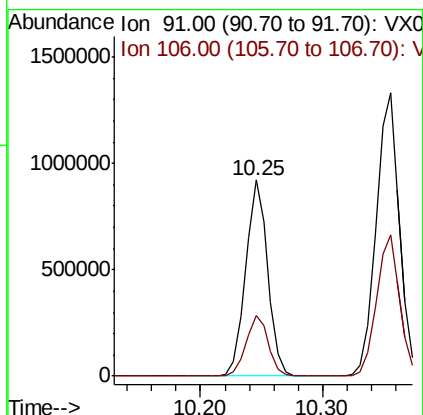
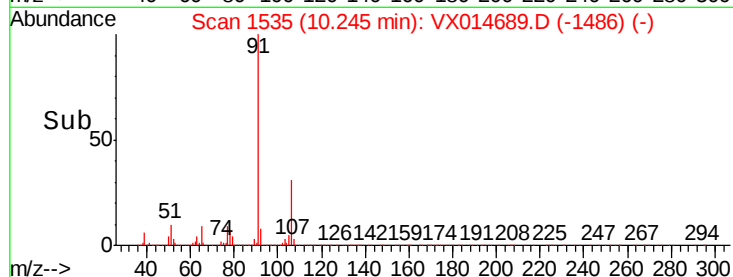
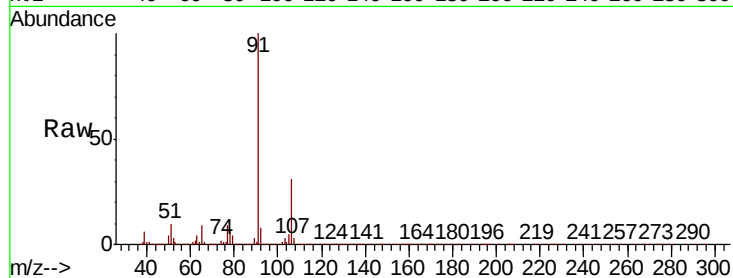
VSTDCCC050

Tot Ion: 91 Resp: 1148001

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 104.448 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014689.D

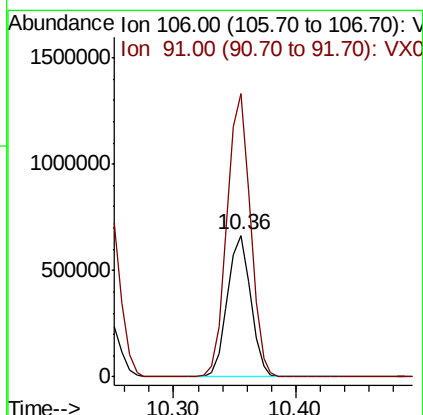
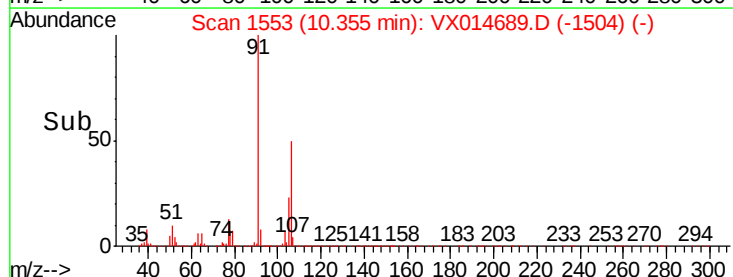
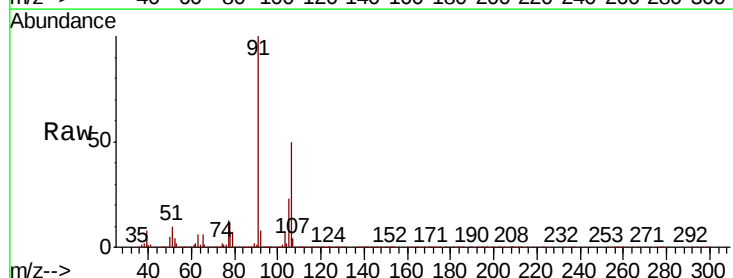
Acq: 24 Jan 2020 10:15

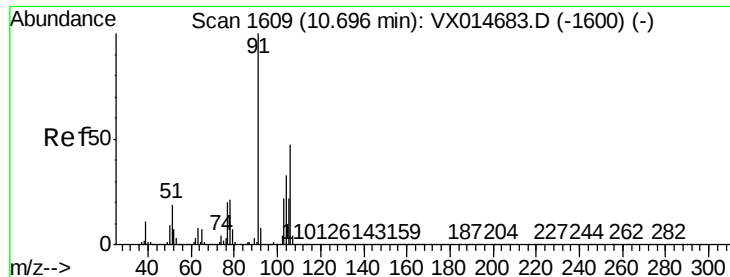
Tgt Ion: 106 Resp: 873801

Ion Ratio Lower Upper

106 100

91 201.1 159.4 239.2

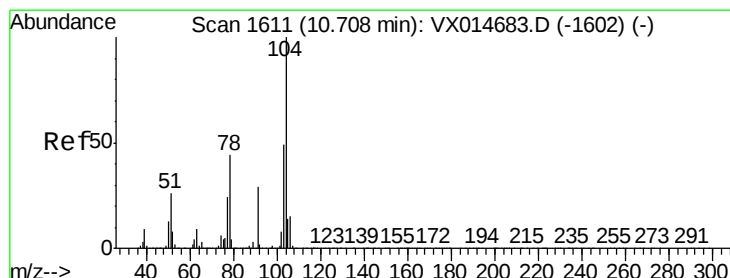
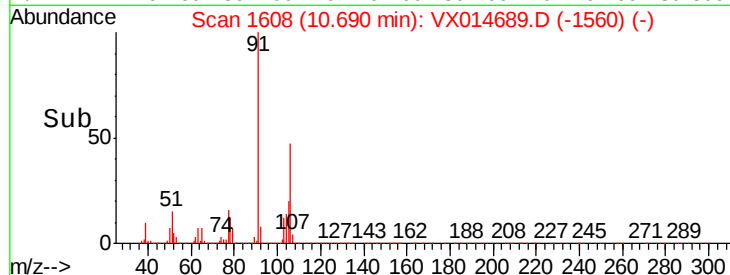
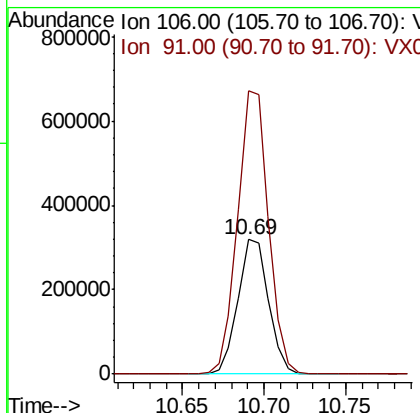
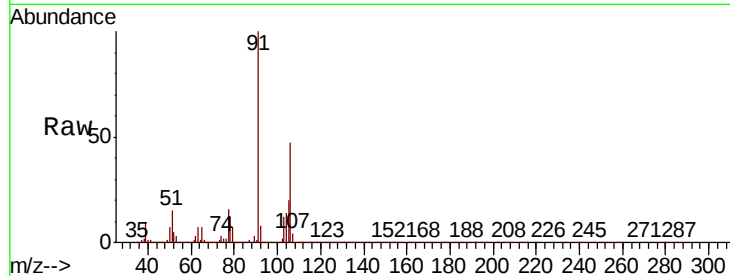




#69
o-Xylene
Concen: 51.689 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

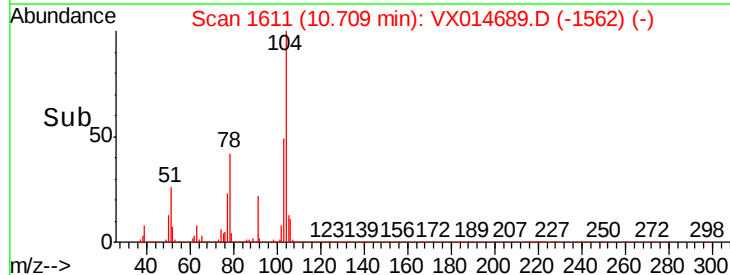
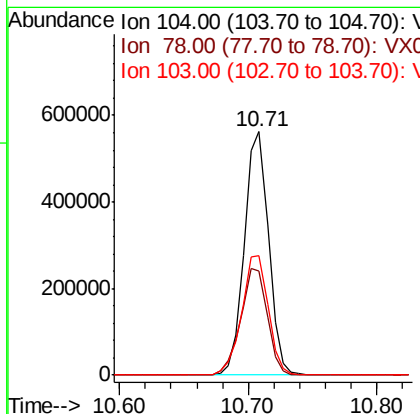
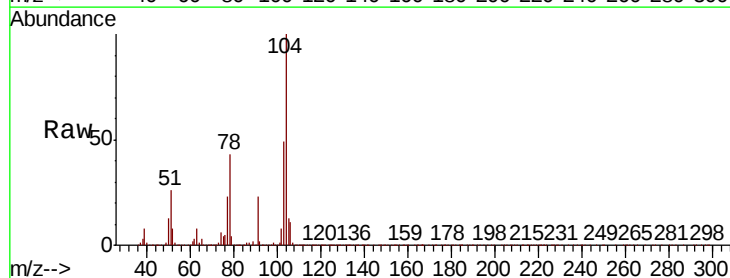
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

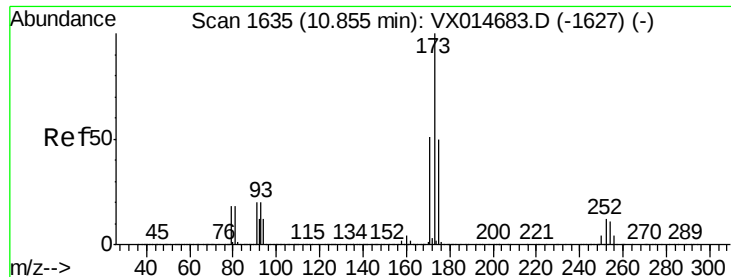
Tot Ion:106 Resp: 417467
Ion Ratio Lower Upper
106 100
91 212.5 106.2 318.6



#70
Styrene
Concen: 53.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:104 Resp: 728185
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 53.9 43.5 65.3

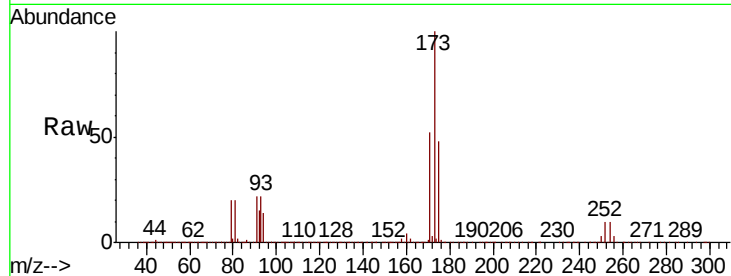




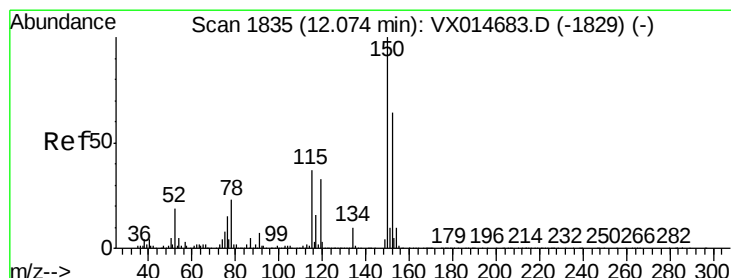
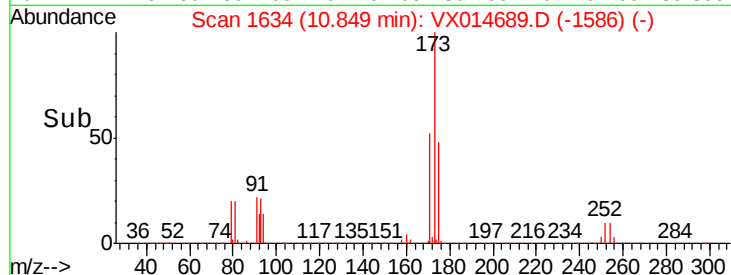
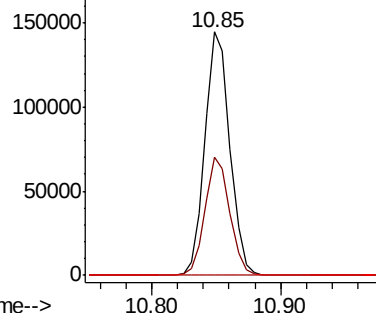
#71
Bromoform
Concen: 51.331 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 194649
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.1 0.1 0.1#

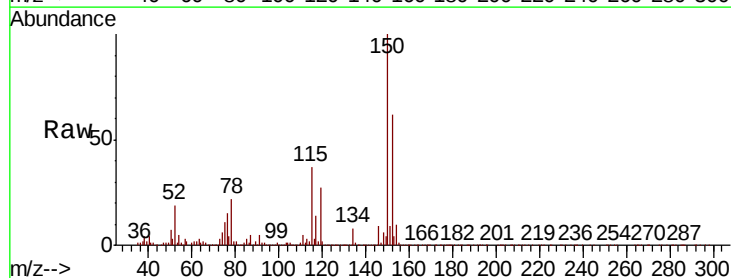


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

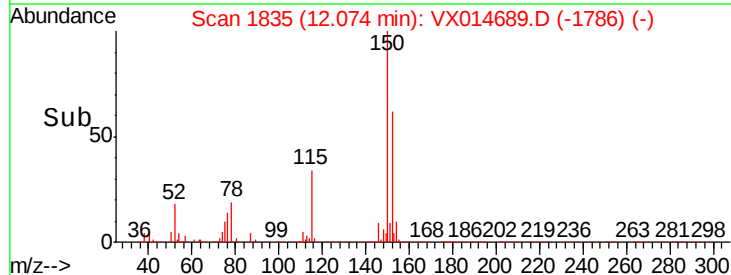
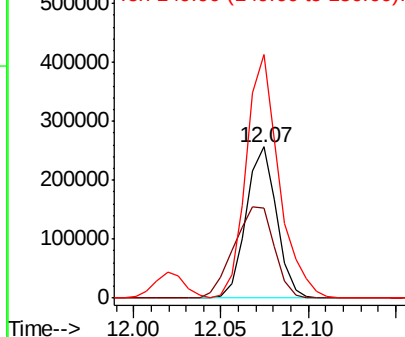


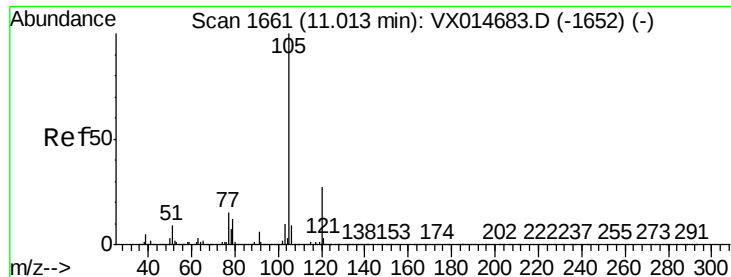
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:152 Resp: 308354
Ion Ratio Lower Upper
152 100
115 80.1 39.4 118.1
150 175.3 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.114 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

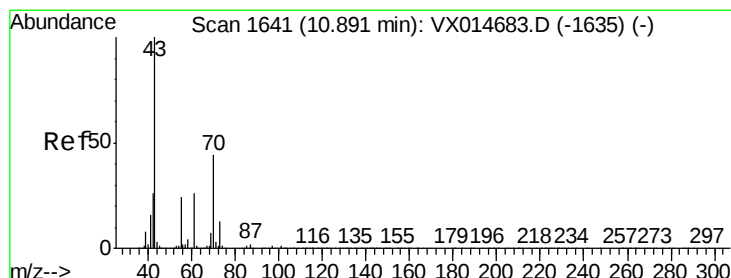
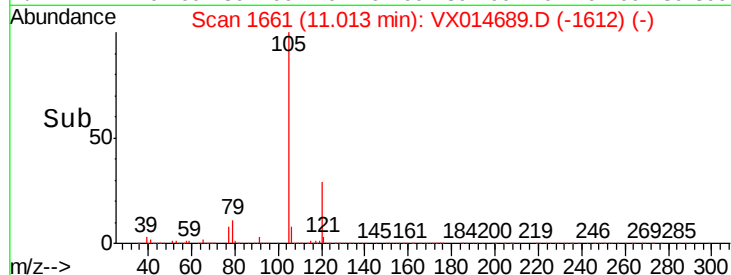
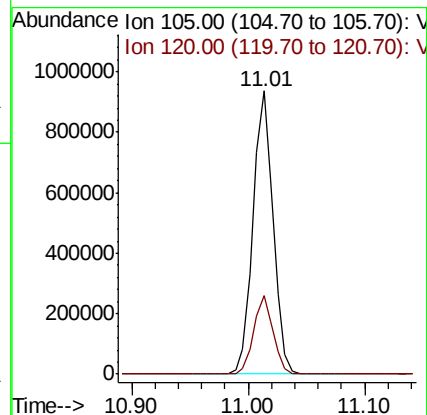
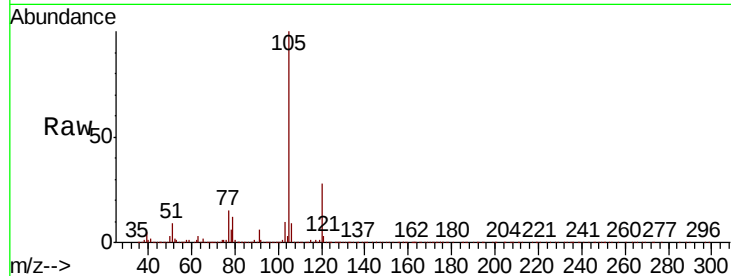
VSTDCCC050

Tot Ion:105 Resp: 1129917

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 50.894 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion: 43 Resp: 483552

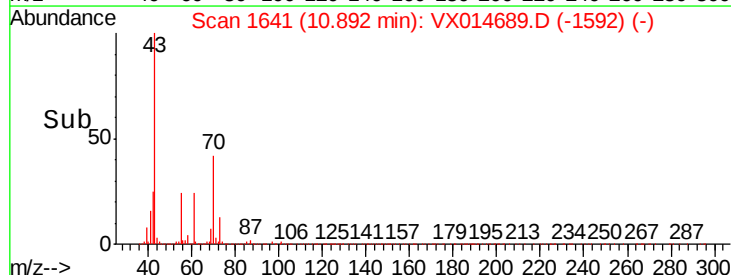
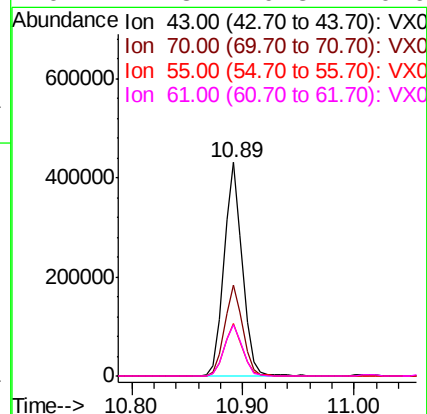
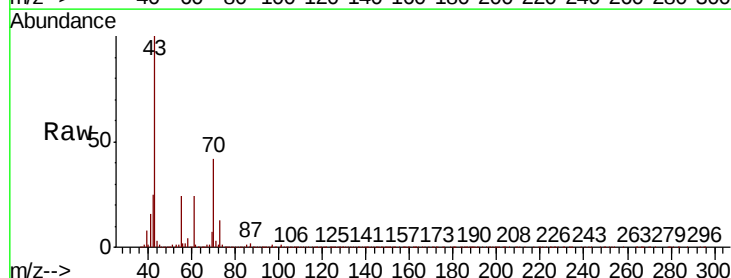
Ion Ratio Lower Upper

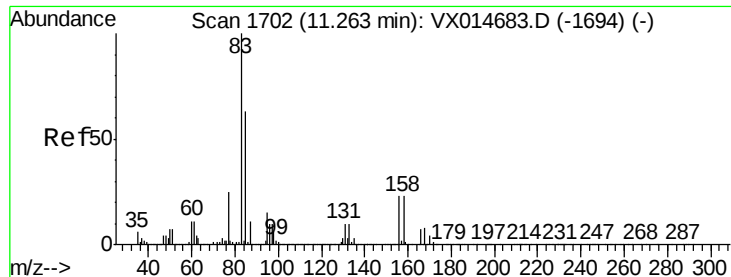
43 100

70 42.2 34.6 52.0

55 24.5 19.4 29.2

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.752 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

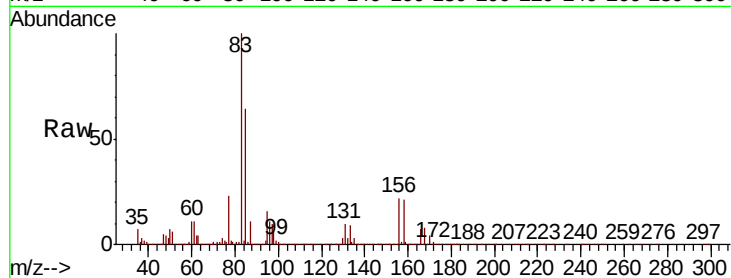
Tot Ion: 83 Resp: 354181

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

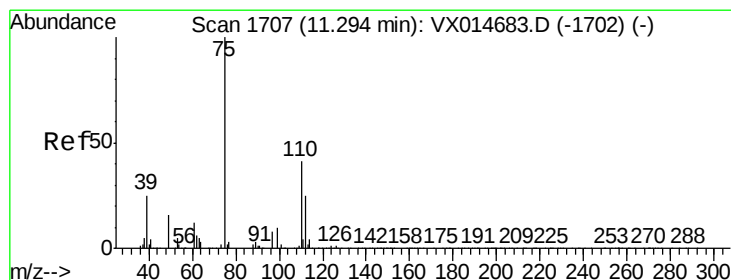
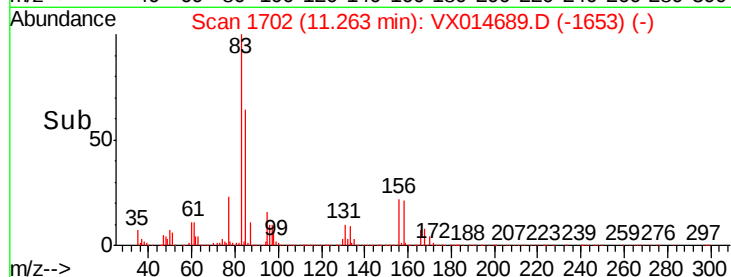
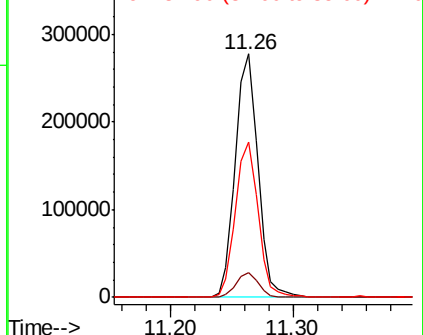
85 64.3 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.534 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014689.D

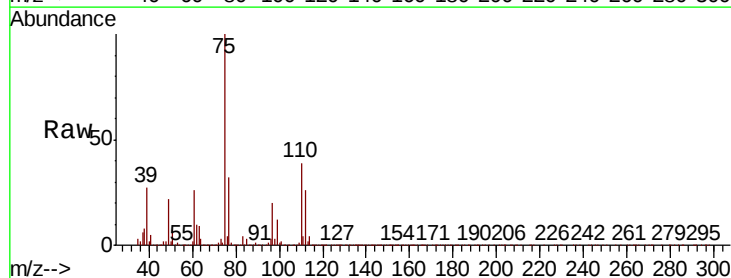
Acq: 24 Jan 2020 10:15

Tgt Ion: 75 Resp: 419928

Ion Ratio Lower Upper

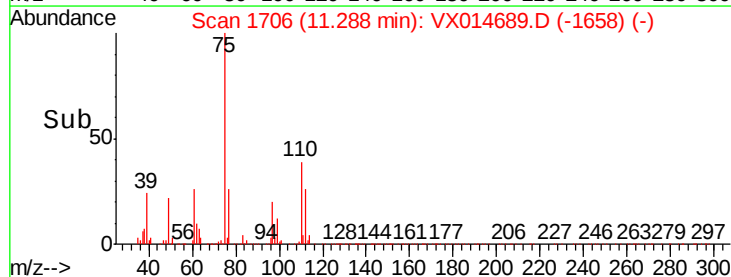
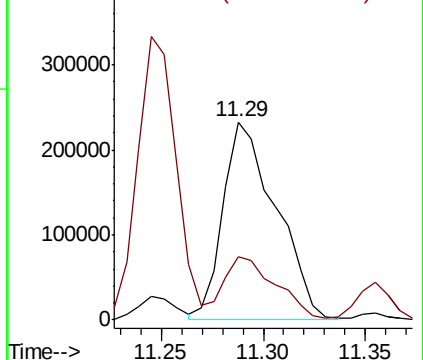
75 100

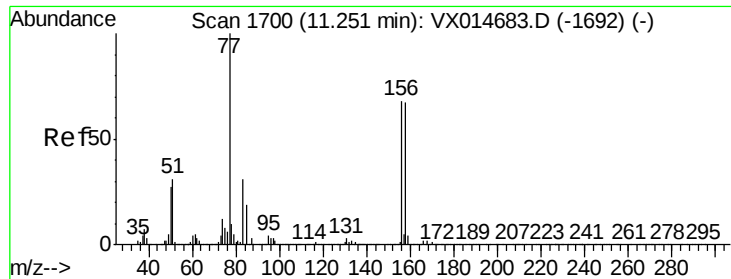
77 31.8 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.959 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

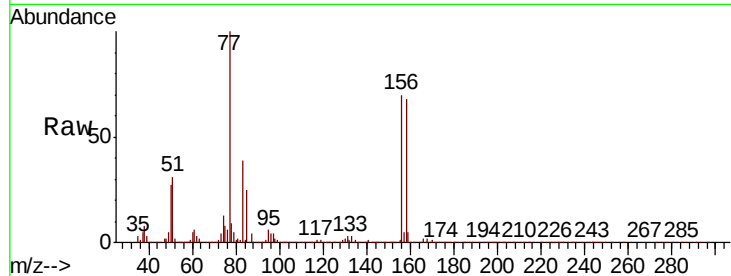
Tot Ion:156 Resp: 290992

Ion Ratio Lower Upper

156 100

77 150.0 77.5 232.5

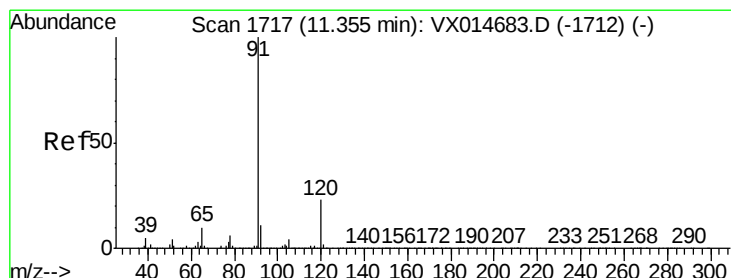
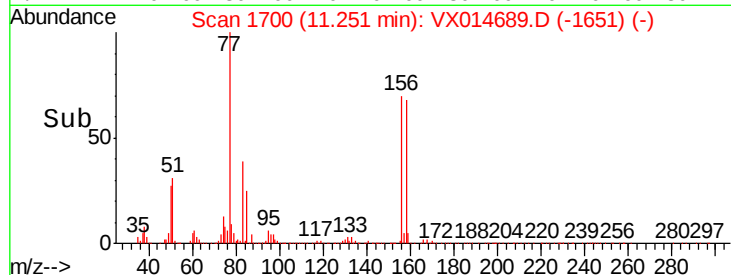
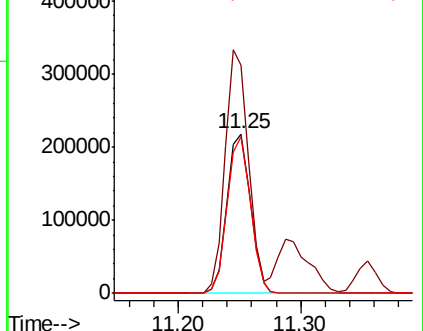
158 96.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.045 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014689.D

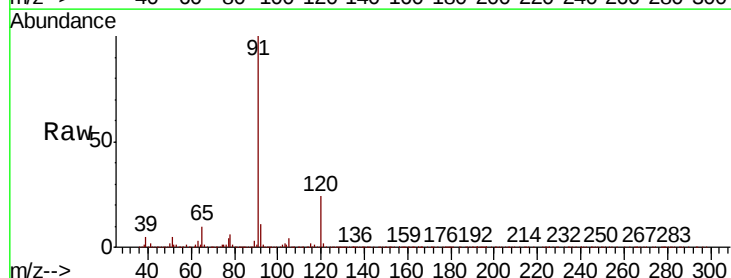
Acq: 24 Jan 2020 10:15

Tgt Ion: 91 Resp: 1305461

Ion Ratio Lower Upper

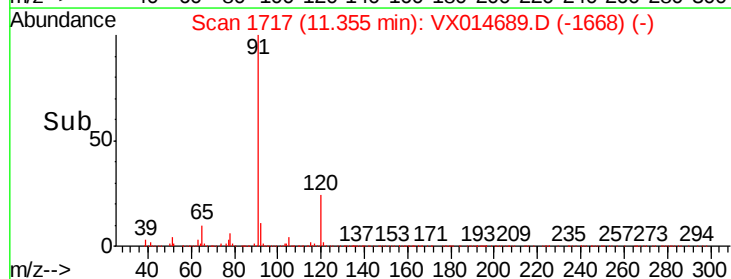
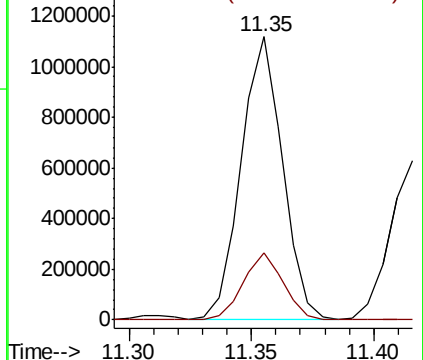
91 100

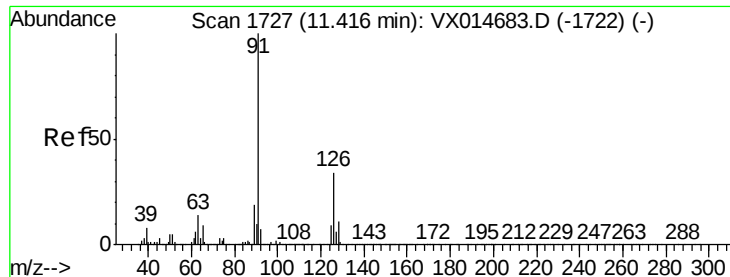
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.043 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

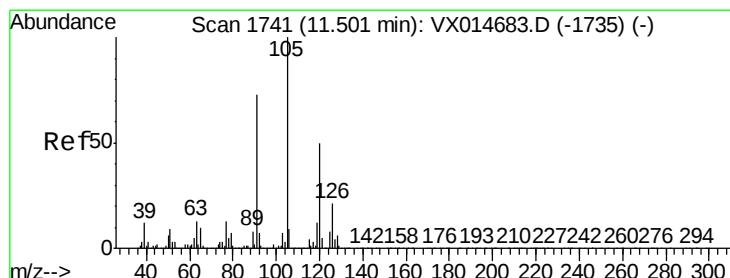
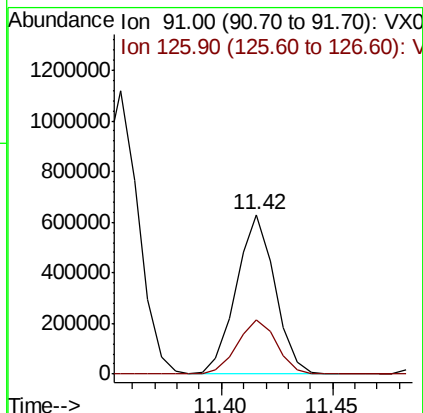
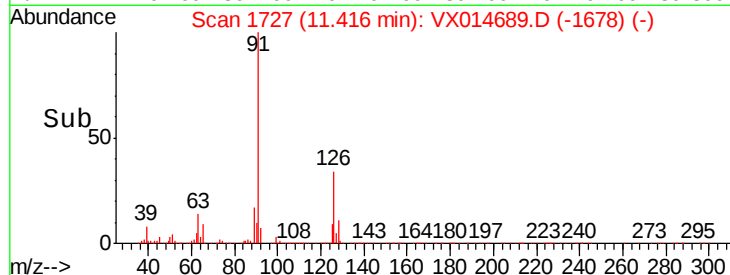
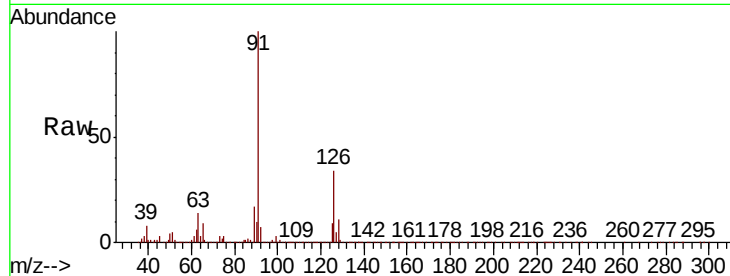
VSTDCCC050

Tot Ion: 91 Resp: 760078

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 52.715 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014689.D

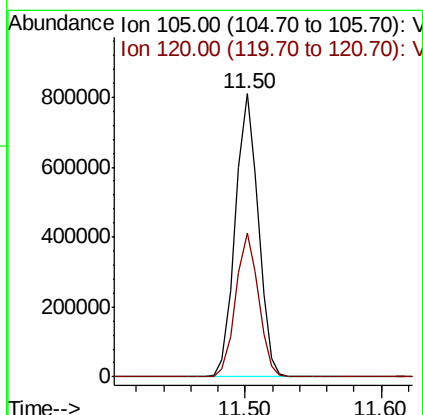
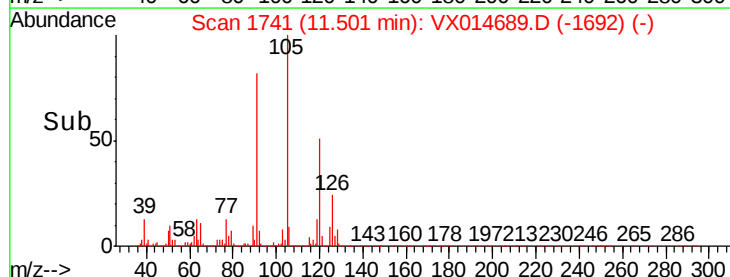
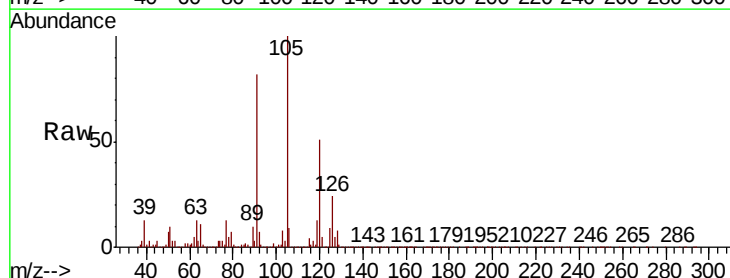
Acq: 24 Jan 2020 10:15

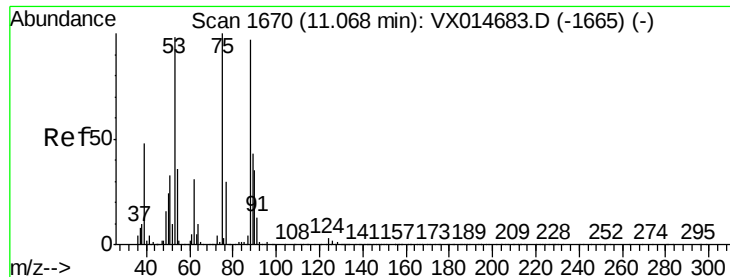
Tgt Ion: 105 Resp: 948596

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.289 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

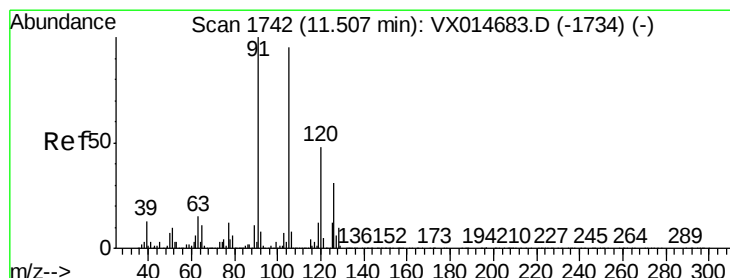
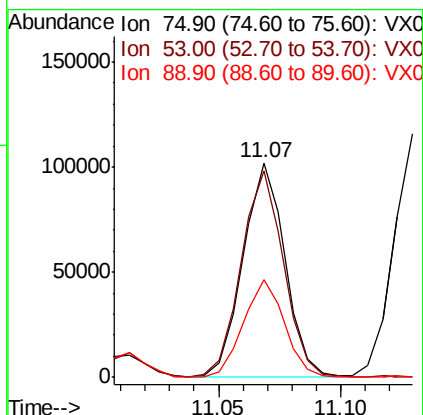
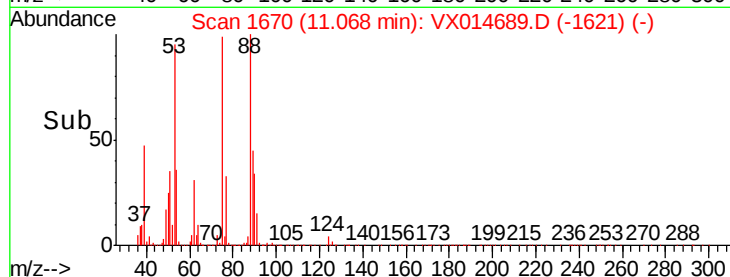
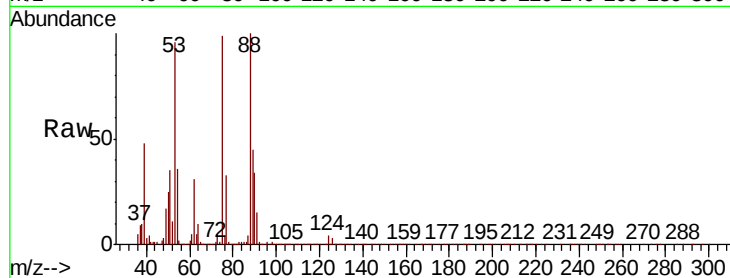
Tot Ion: 75 Resp: 121732

Ion Ratio Lower Upper

75 100

53 96.9 78.8 118.2

89 44.3 35.4 53.0



#82

4-Chlorotoluene

Concen: 52.243 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014689.D

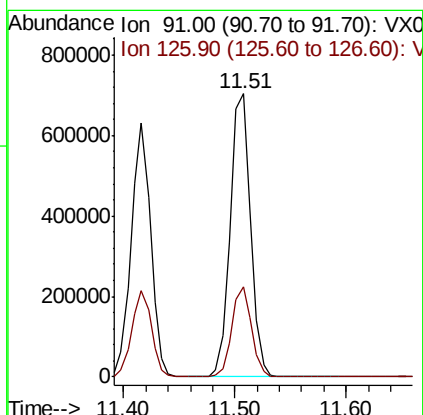
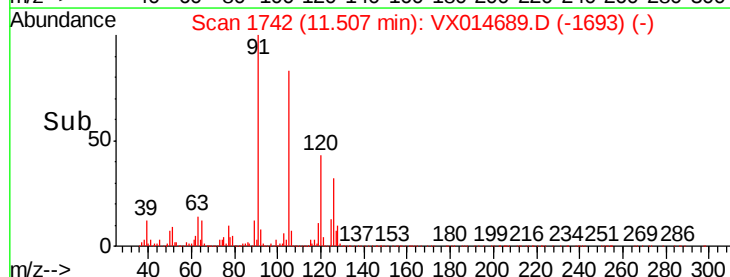
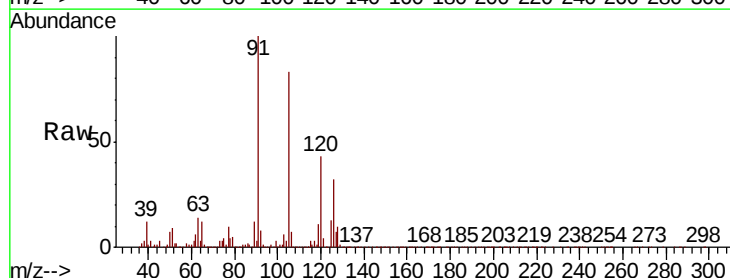
Acq: 24 Jan 2020 10:15

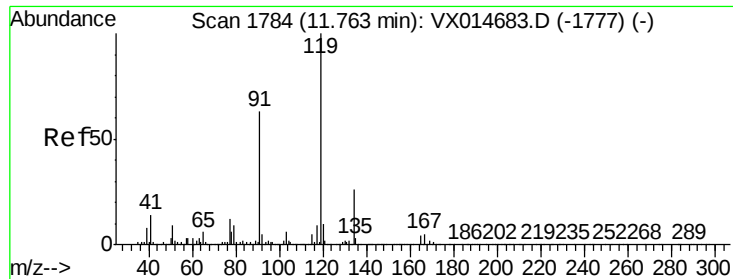
Tgt Ion: 91 Resp: 885648

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.4

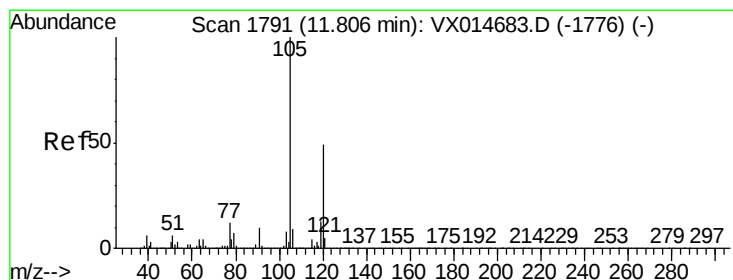
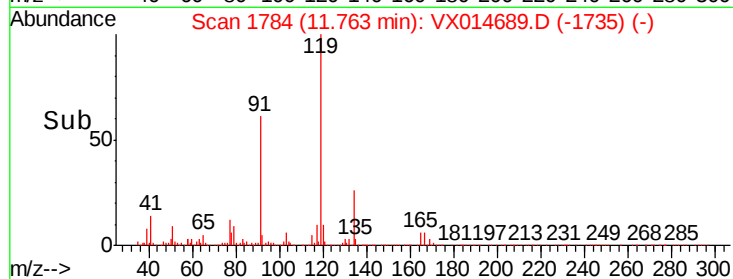
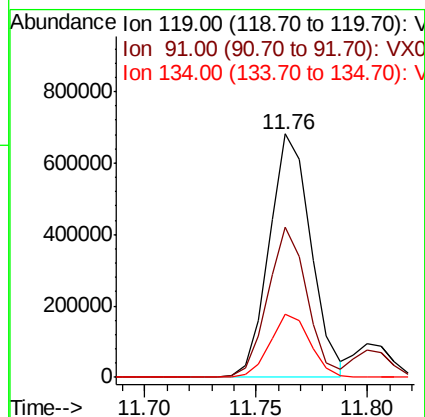
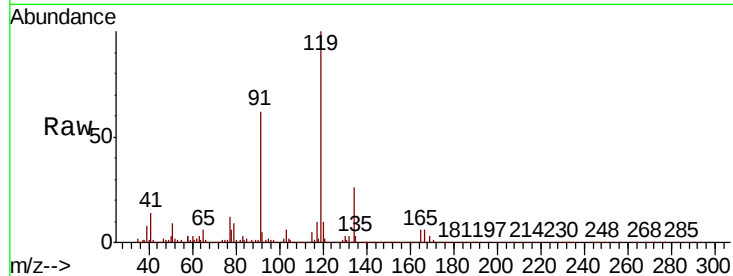




#83
tert-Butylbenzene
Concen: 52.320 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

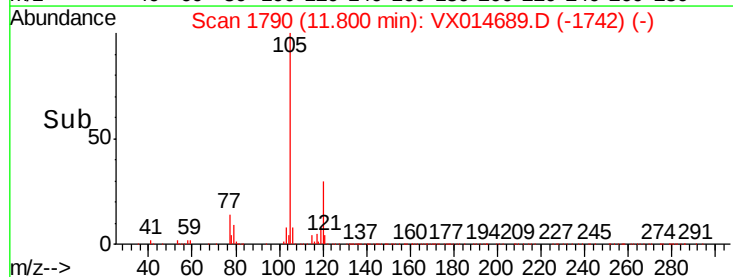
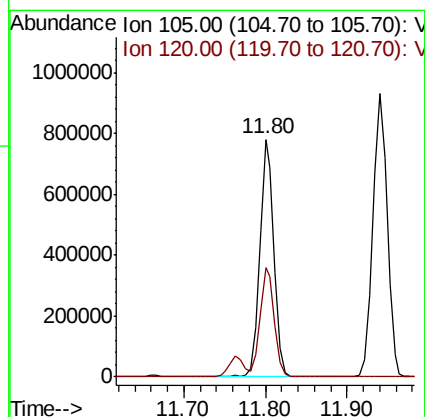
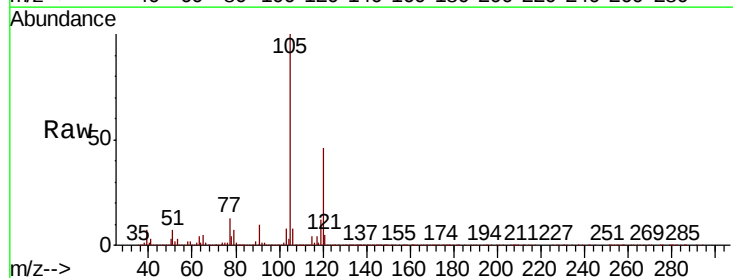
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 884689
Ion Ratio Lower Upper
119 100
91 57.8 30.0 90.0
134 25.0 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 52.932 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:105 Resp: 955388
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.758 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

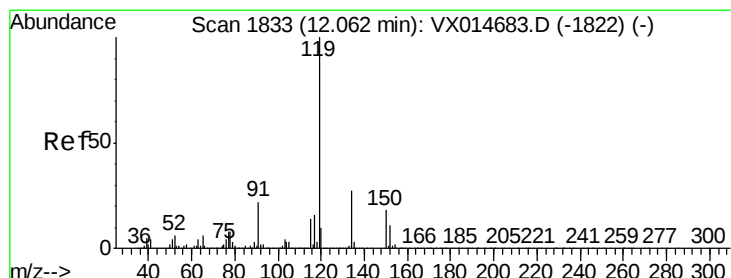
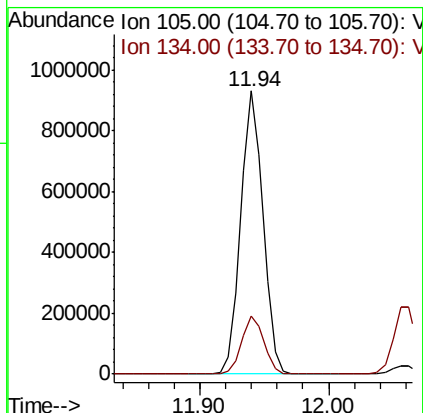
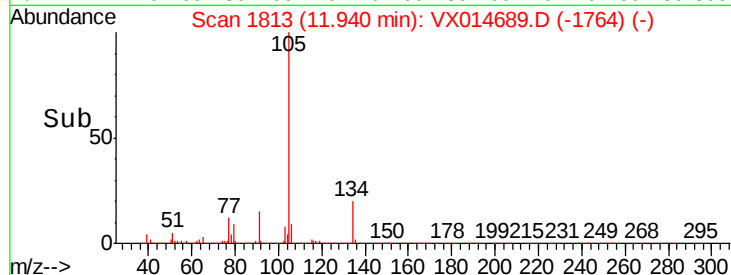
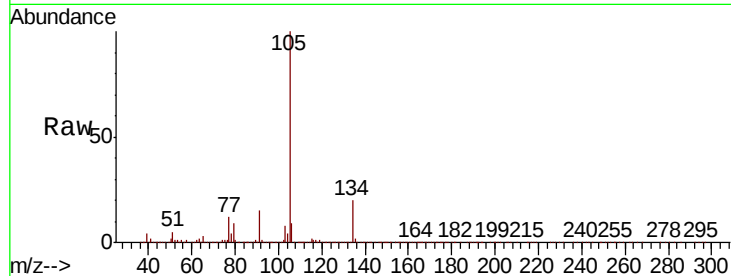
VSTDCCC050

Tot Ion:105 Resp: 1113583

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 53.611 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

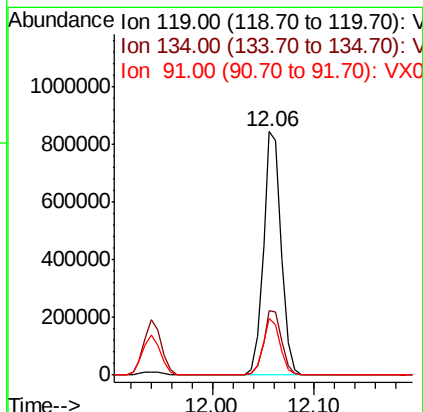
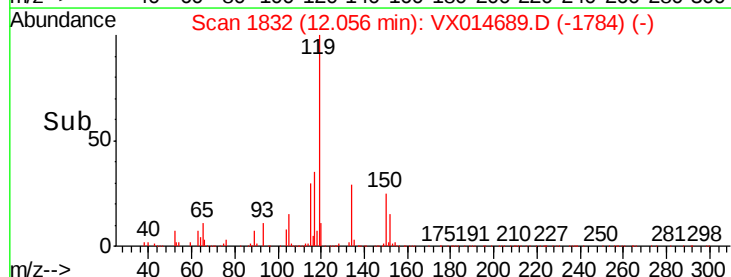
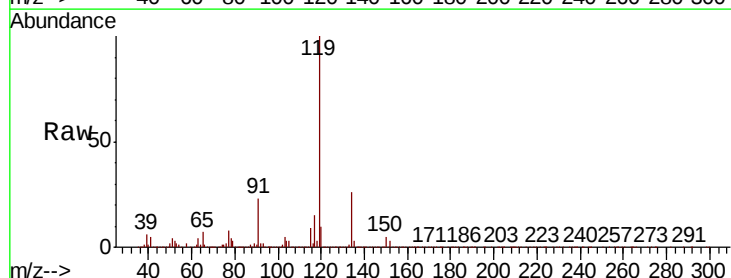
Tgt Ion:119 Resp: 1026311

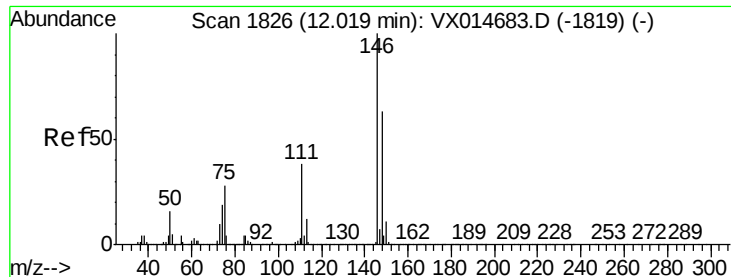
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.5 11.3 33.8

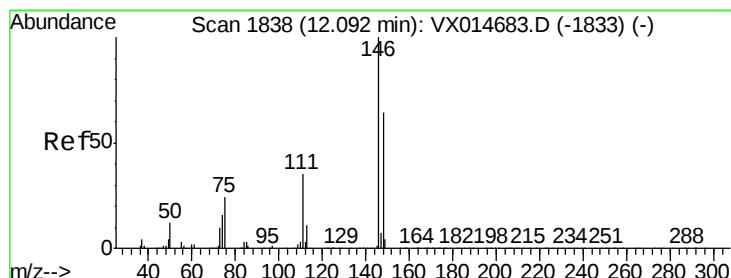
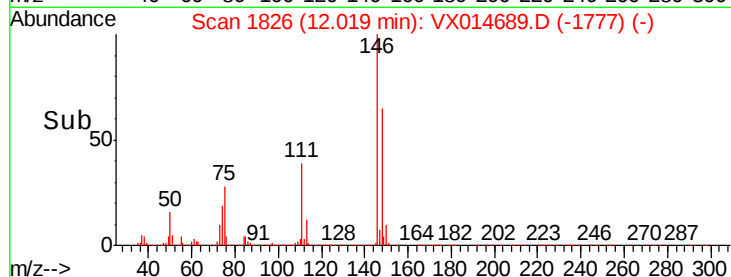
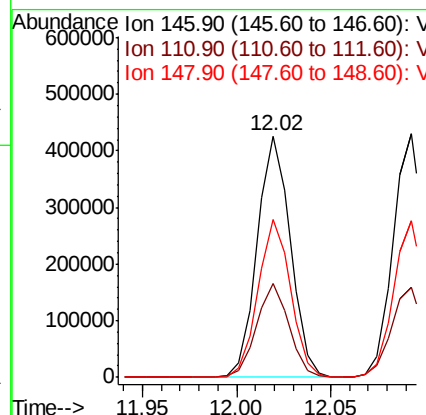
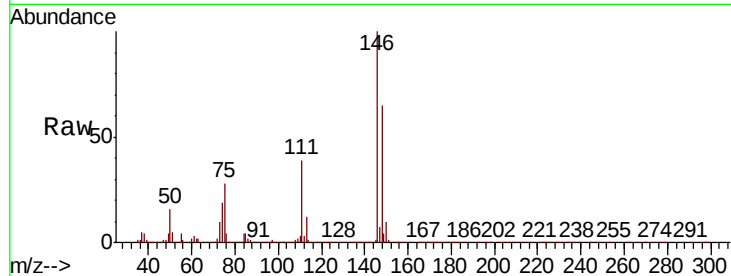




#87
 1,3-Dichlorobenzene
 Concen: 49.686 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

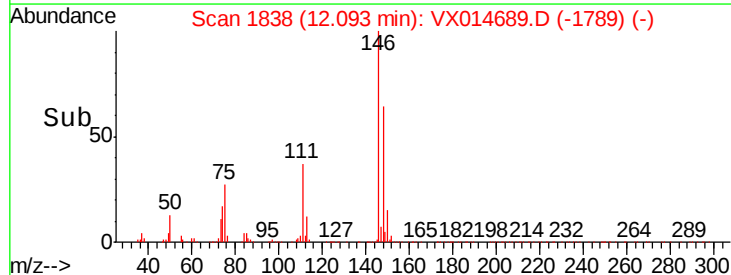
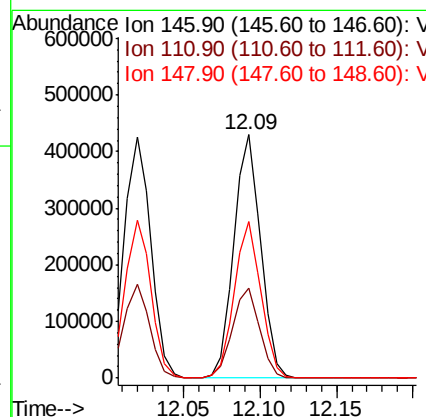
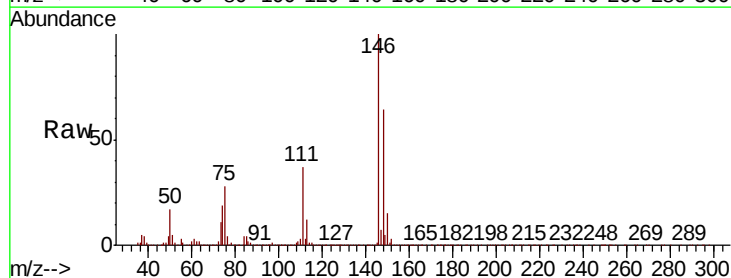
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.1	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.545 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.2	32.0	96.2

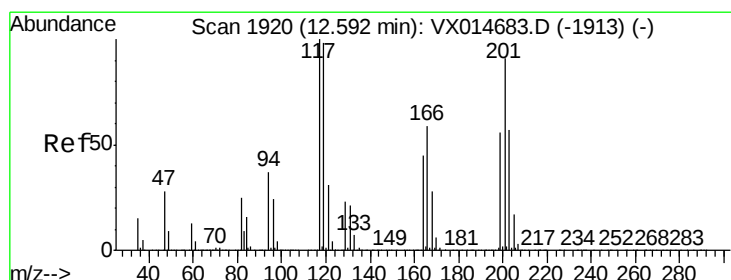
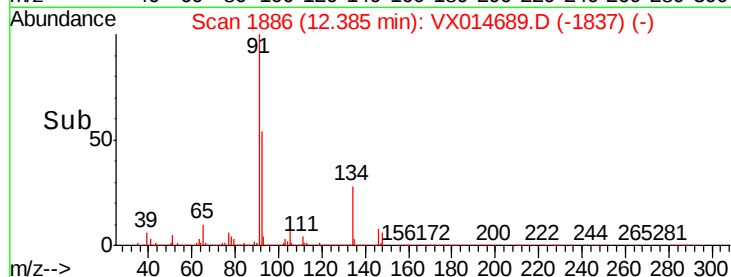
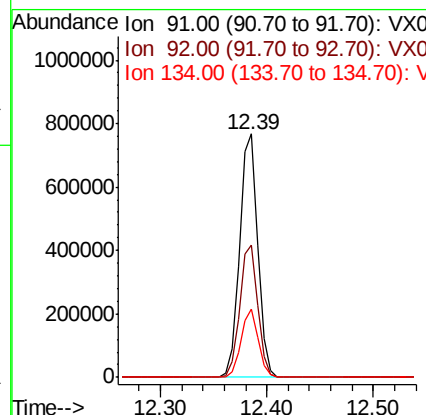
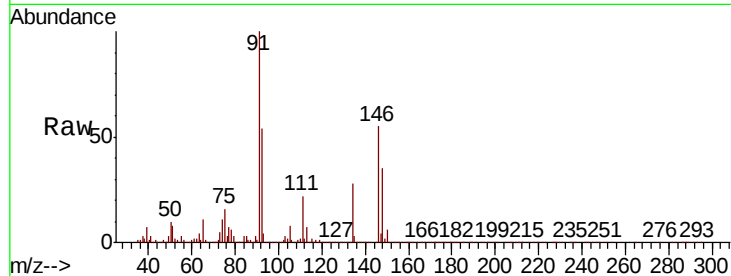




#89
n-Butylbenzene
Concen: 54.722 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

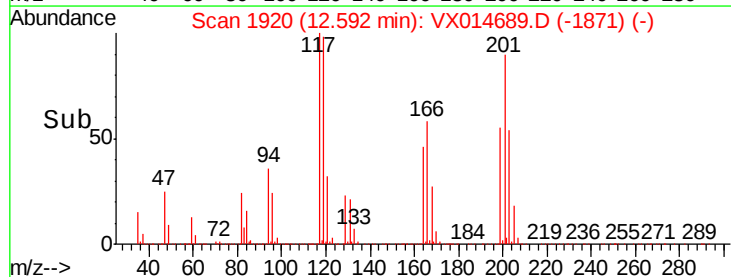
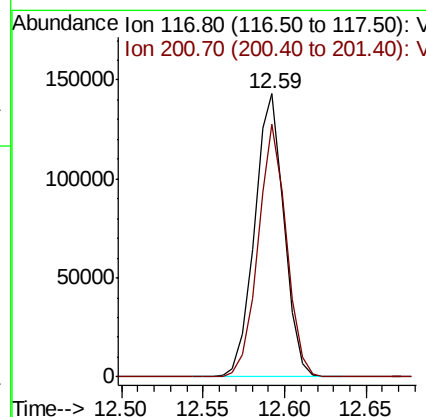
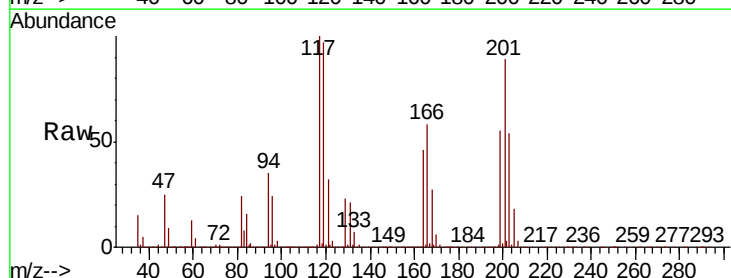
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 912396
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.7
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 50.351 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 117 Resp: 179039
Ion Ratio Lower Upper
117 100
201 85.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.973 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

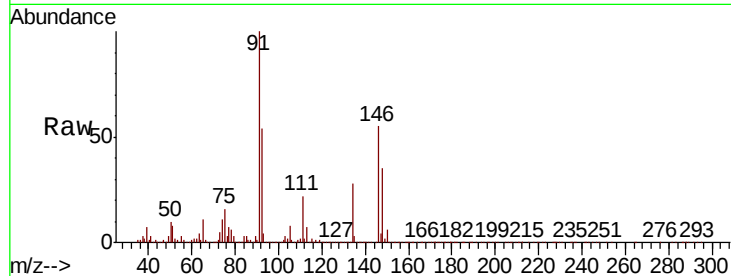
Tot Ion:146 Resp: 519554

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

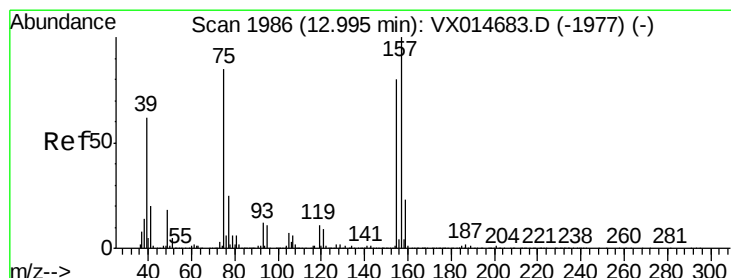
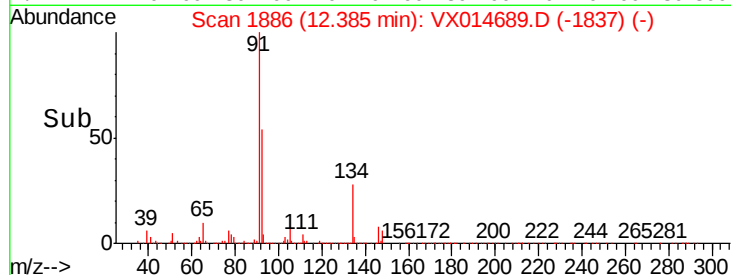
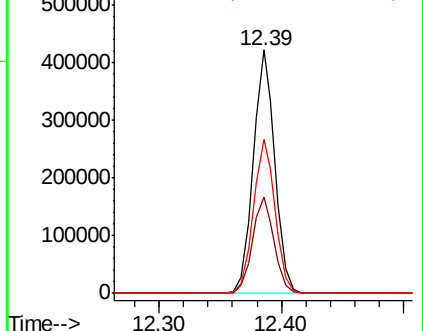
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.829 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

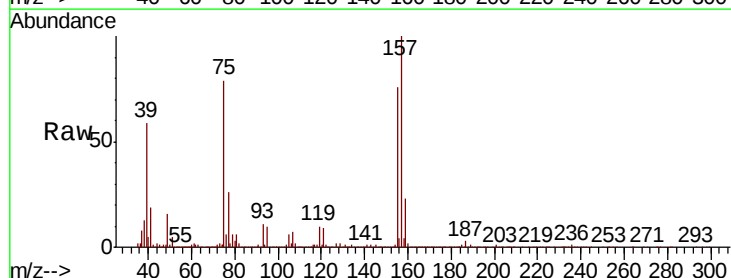
Tgt Ion: 75 Resp: 74560

Ion Ratio Lower Upper

75 100

155 94.9 45.6 136.9

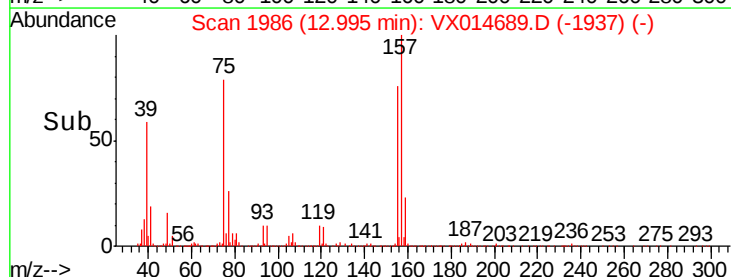
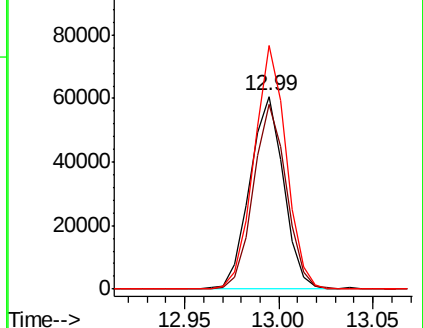
157 122.6 60.3 180.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

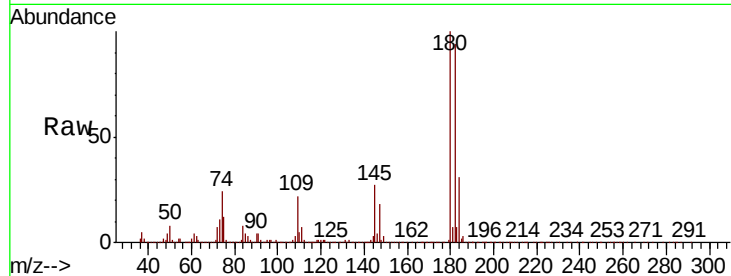




#93
 1,2,4-Trichlorobenzene
 Concen: 53.088 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	28.0	14.0	41.9

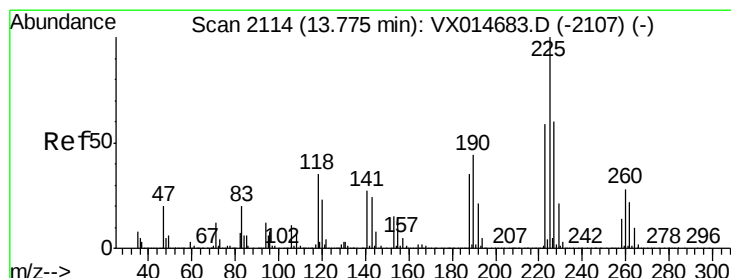
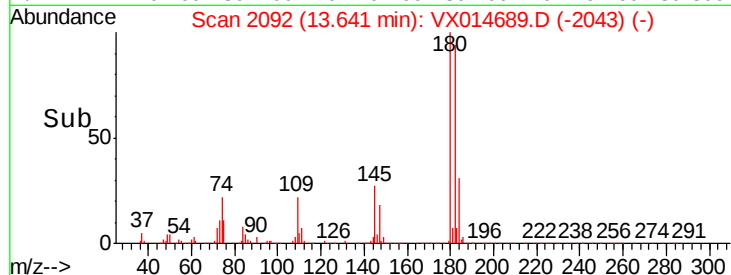
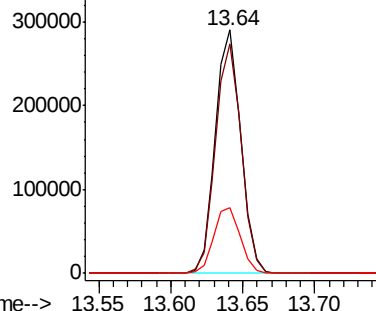


Abundance

Ion 179.80 (179.50 to 180.50): V

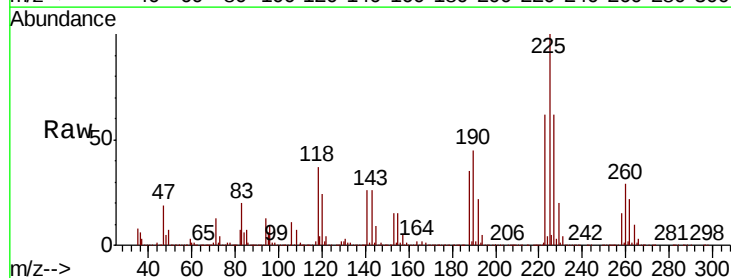
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.945 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.6	91.8
227	64.2	31.4	94.0

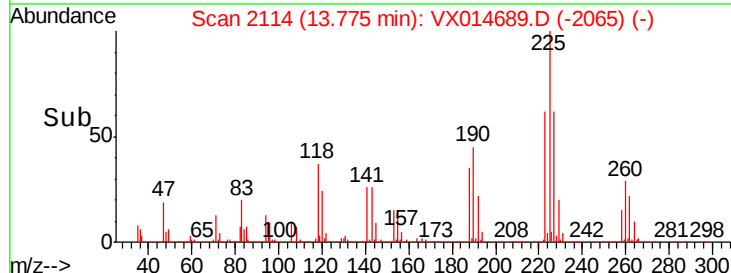
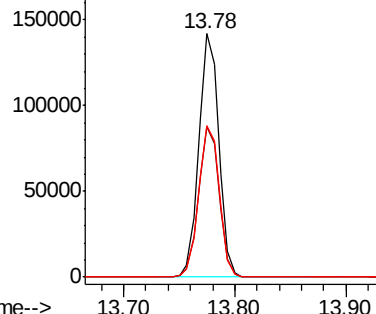


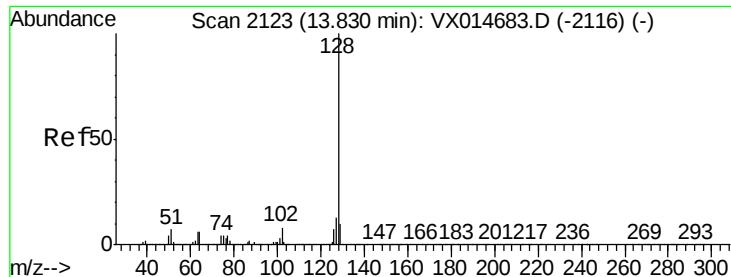
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

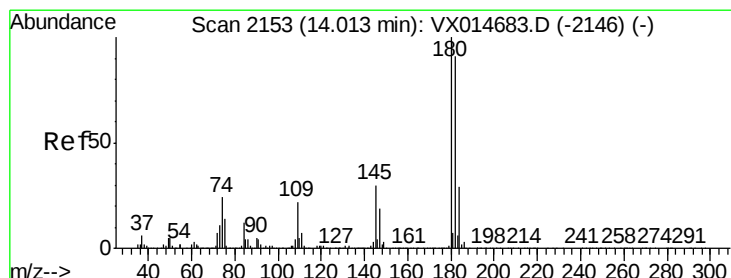
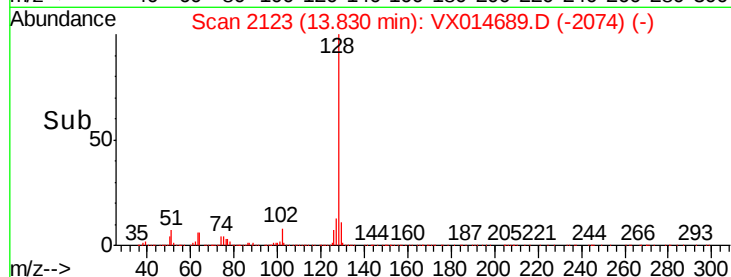
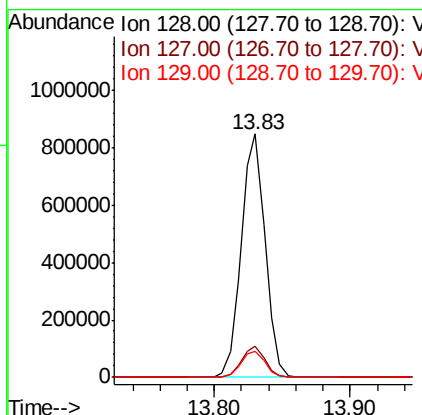
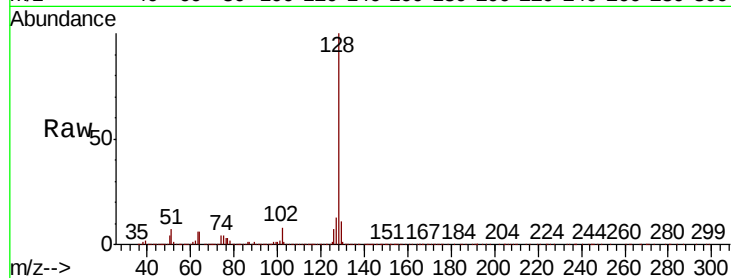




#95
Naphthalene
Concen: 47.961 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1035848
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.450 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:180 Resp: 355491
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.7
145 30.3 14.7 44.1

