

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015271.D
 Acq On : 13 Mar 2020 19:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 08:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	244237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	364647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	185713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127796	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
35) Dibromofluoromethane	5.49	113	111103	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	422966	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	157509	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	92092	43.060	ug/l	98
3) Chloromethane	1.31	50	120032	39.621	ug/l	99
4) Vinyl Chloride	1.40	62	126195	41.080	ug/l	97
5) Bromomethane	1.63	94	78982	41.820	ug/l	96
6) Chloroethane	1.72	64	78766	42.744	ug/l	99
7) Trichlorofluoromethane	1.92	101	164770	45.077	ug/l	99
8) Diethyl Ether	2.18	74	73644	44.482	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105936	46.065	ug/l	98
10) Methyl Iodide	2.50	142	113610	43.726	ug/l	100
11) Tert butyl alcohol	3.03	59	135873	270.273	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107232	45.180	ug/l	99
13) Acrolein	2.28	56	112856	238.878	ug/l	100
14) Allyl chloride	2.72	41	208852	50.466	ug/l	92
15) Acrylonitrile	3.13	53	337010	269.180	ug/l	99
16) Acetone	2.43	43	266078	226.747	ug/l	98
17) Carbon Disulfide	2.56	76	279852	42.458	ug/l	99
18) Methyl Acetate	2.76	43	152607	53.186	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	370290	49.926	ug/l	98
20) Methylene Chloride	2.85	84	124919	45.488	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	117781	46.475	ug/l	97
22) Diisopropyl ether	3.84	45	426069	51.675	ug/l	96
23) Vinyl Acetate	3.80	43	1764346	260.320	ug/l	99
24) 1,1-Dichloroethane	3.69	63	220931	48.279	ug/l	99
25) 2-Butanone	4.65	43	457047	266.044	ug/l	98
26) 2,2-Dichloropropane	4.57	77	157015	43.222	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	137246	48.273	ug/l	100
28) Bromochloromethane	5.00	49	103504	49.671	ug/l	97
29) Tetrahydrofuran	5.11	42	302301	272.982	ug/l	96
30) Chloroform	5.20	83	214182	48.021	ug/l	99
31) Cyclohexane	5.57	56	199084	48.774	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	181021	48.961	ug/l	98
36) 1,1-Dichloropropene	5.79	75	162538	48.217	ug/l	99
37) Ethyl Acetate	4.82	43	179183	57.302	ug/l	99
38) Carbon Tetrachloride	5.78	117	156831	49.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194059	49.300	ug/l	99
40) Benzene	6.14	78	499486	49.942	ug/l	98
41) Methacrylonitrile	5.03	41	102689	54.673	ug/l	98
42) 1,2-Dichloroethane	6.19	62	168547	49.074	ug/l	100
43) Isopropyl Acetate	6.44	43	297804	54.137	ug/l	99
44) Trichloroethene	7.21	130	143231	51.424	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137073	52.950	ug/l	99
46) Dibromomethane	7.65	93	84260	49.953	ug/l	97
47) Bromodichloromethane	7.89	83	169738	50.886	ug/l	99
48) Methyl methacrylate	7.76	41	148102	52.898	ug/l	97
49) 1,4-Dioxane	7.73	88	65955	1089.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	927618	285.204	ug/l	100
52) Toluene	8.78	92	315689	51.624	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188471	53.084	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	208676	51.990	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	128741	51.149	ug/l	98
56) Ethyl methacrylate	9.17	69	203471	56.675	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216600	51.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	518077	264.890	ug/l	99
59) 2-Hexanone	9.48	43	693965	287.871	ug/l	98
60) Dibromochloromethane	9.57	129	137699	52.080	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133168	50.372	ug/l	98
64) Tetrachloroethene	9.33	164	139727	49.456	ug/l	98
65) Chlorobenzene	10.14	112	342763	49.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	128781	49.783	ug/l	99
67) Ethyl Benzene	10.25	91	601305	51.616	ug/l	98
68) m/p-Xylenes	10.36	106	460890	103.986	ug/l	99
69) o-Xylene	10.70	106	221715	52.247	ug/l	99
70) Styrene	10.71	104	392679	53.969	ug/l	99
71) Bromoform	10.85	173	108181	53.929	ug/l	99
73) Isopropylbenzene	11.01	105	594140	50.081	ug/l	100
74) N-amyl acetate	10.89	43	261488	52.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192796	48.764	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	223151	60.239	ug/l	81
77) Bromobenzene	11.25	156	160056	48.411	ug/l	98
78) n-propylbenzene	11.35	91	677706	50.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	398178	49.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	505173	51.152	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	63608	48.731	ug/l	97
82) 4-Chlorotoluene	11.51	91	461915	48.304	ug/l	100
83) tert-Butylbenzene	11.76	119	486418	50.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	500835	50.481	ug/l	99
85) sec-Butylbenzene	11.94	105	591366	51.300	ug/l	99
86) p-Isopropyltoluene	12.06	119	541546	50.990	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284143	48.888	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283221	47.199	ug/l	100
89) n-Butylbenzene	12.38	91	481576	50.982	ug/l	99
90) Hexachloroethane	12.59	117	95692	47.659	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	283345	49.035	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40826	51.567	ug/l	90

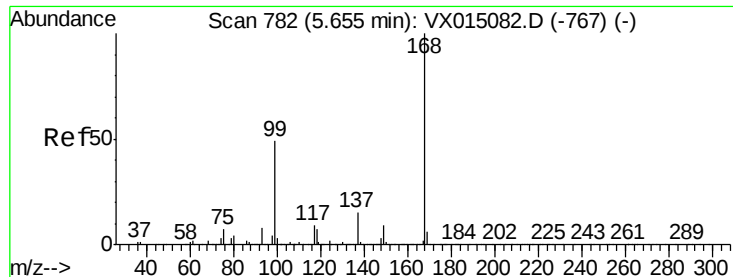
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	210871	52.572	ug/l	100
94) Hexachlorobutadiene	13.78	225	103093	50.087	ug/l	97
95) Naphthalene	13.83	128	609542	49.597	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210788	52.671	ug/l	99

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

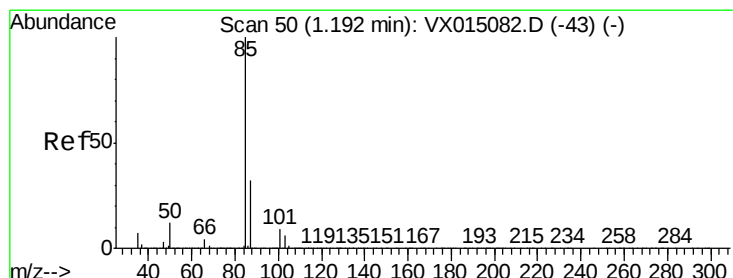
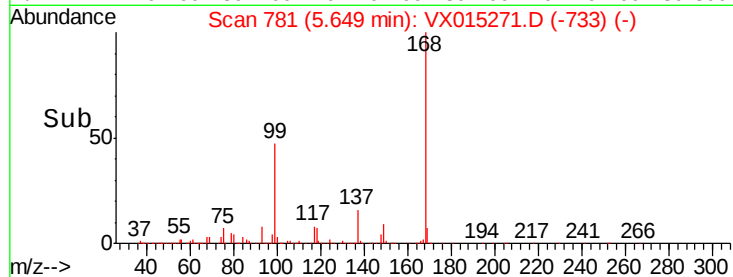
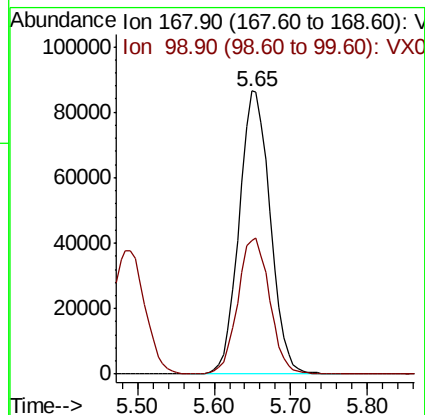
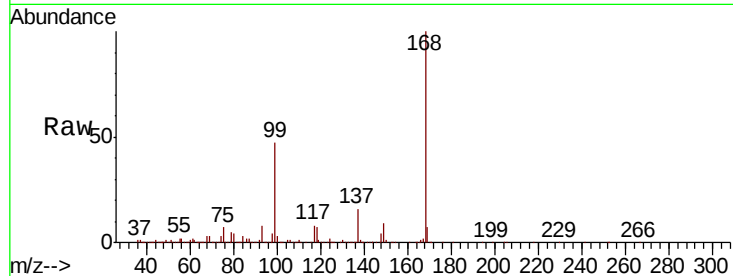


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

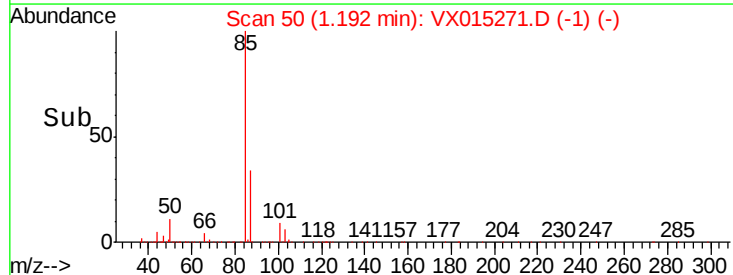
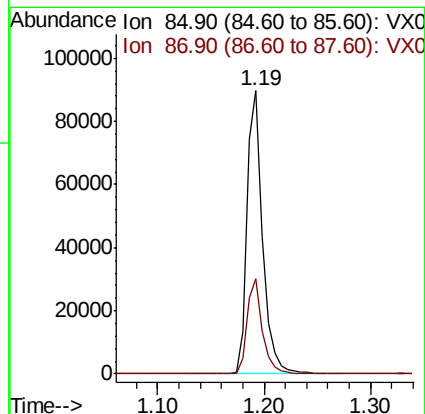
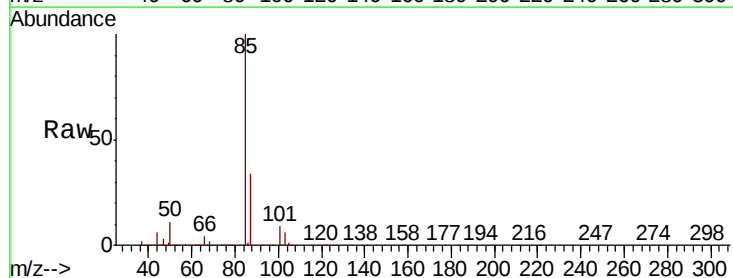
Tot Ion:168 Resp: 244237
 Ion Ratio Lower Upper
 168 100
 99 47.0 39.4 59.2

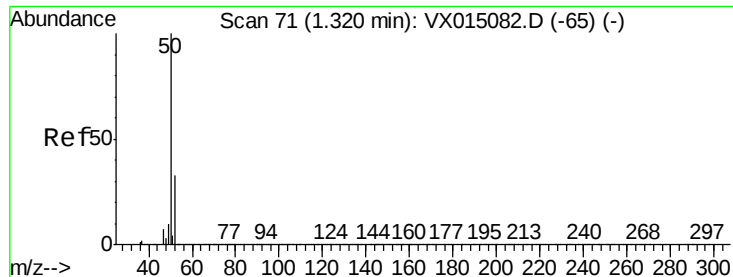


#2

Dichlorodifluoromethane
 Concen: 43.060 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 85 Resp: 92092
 Ion Ratio Lower Upper
 85 100
 87 33.7 16.2 48.5





#3

Chloromethane

Concen: 39.621 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

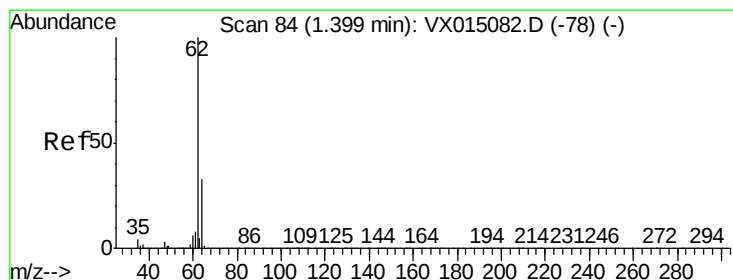
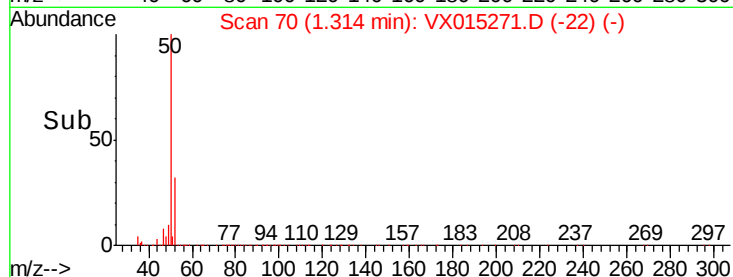
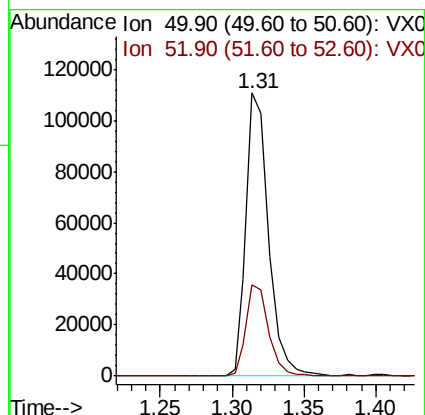
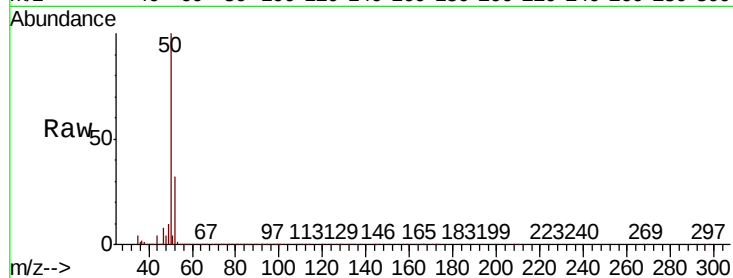
VSTDCCC050EC

Tot Ion: 50 Resp: 120032

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 41.080 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015271.D

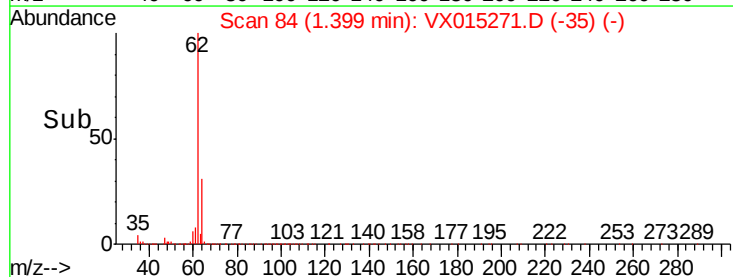
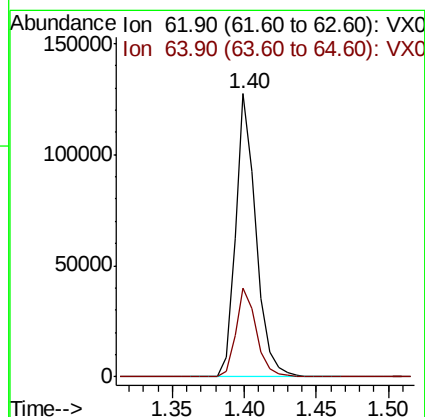
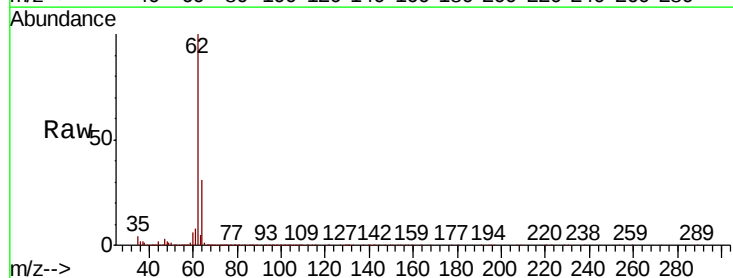
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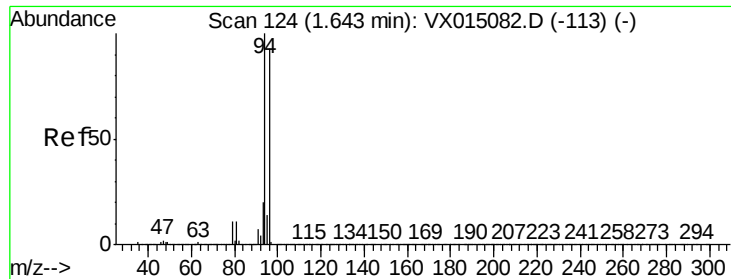
Tgt Ion: 62 Resp: 126195

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1





#5

Bromomethane

Concen: 41.820 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

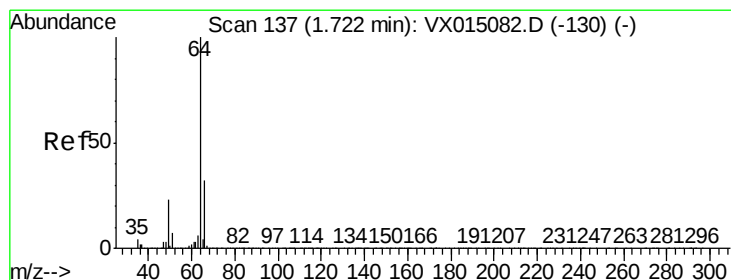
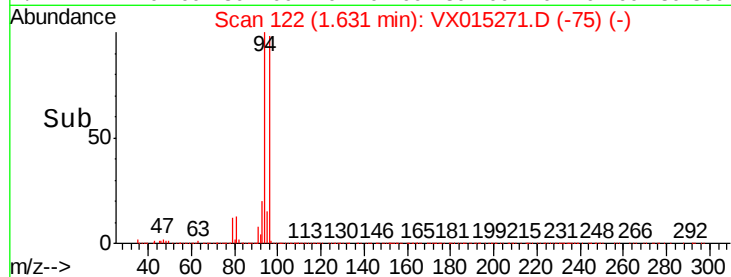
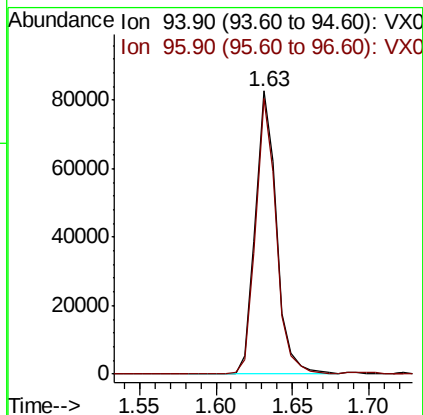
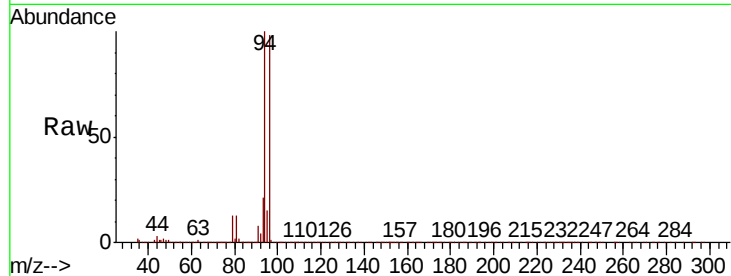
VSTDCCC050EC

Tot Ion: 94 Resp: 78982

Ion Ratio Lower Upper

94 100

96 97.5 74.6 111.8



#6

Chloroethane

Concen: 42.744 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015271.D

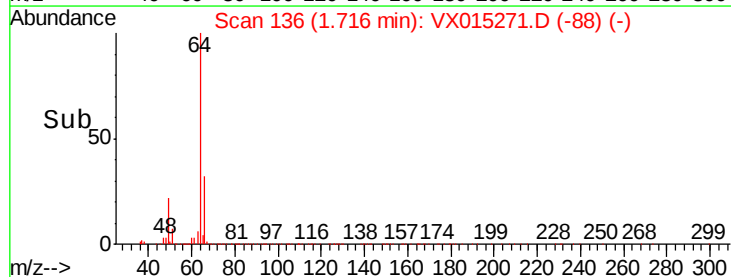
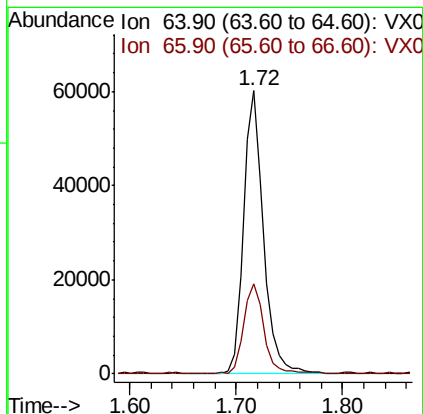
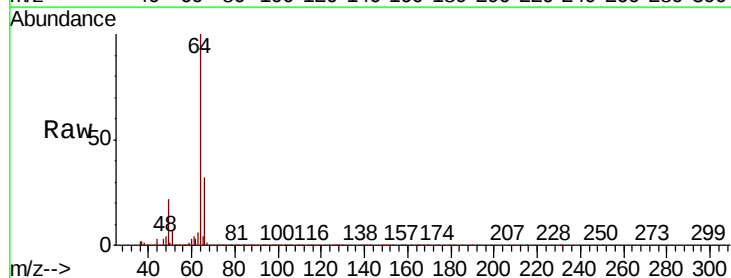
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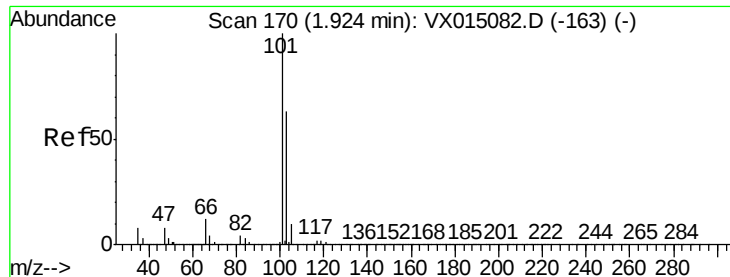
Tgt Ion: 64 Resp: 78766

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8



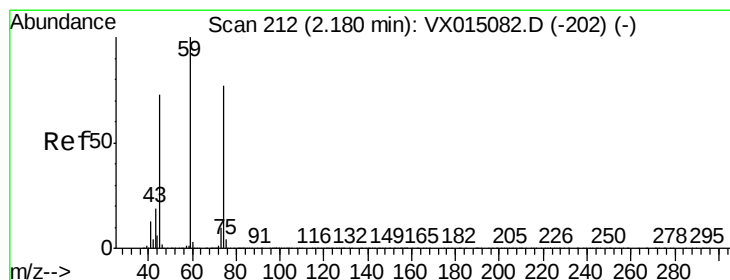
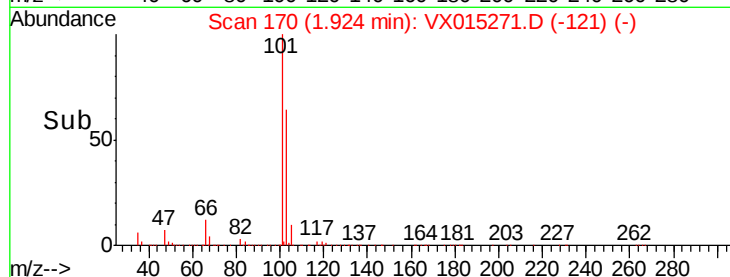
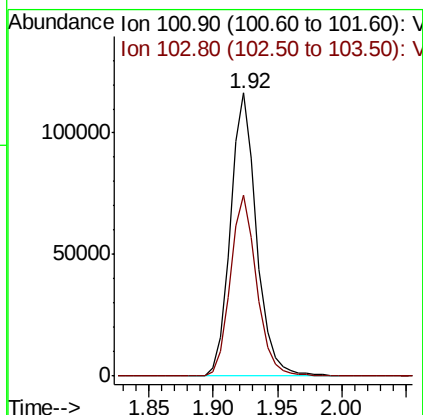
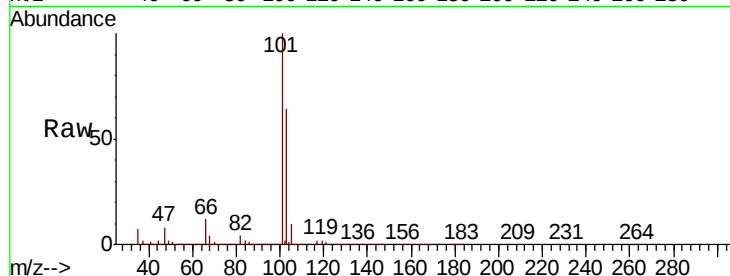


#7

Trichlorofluoromethane
Concen: 45.077 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

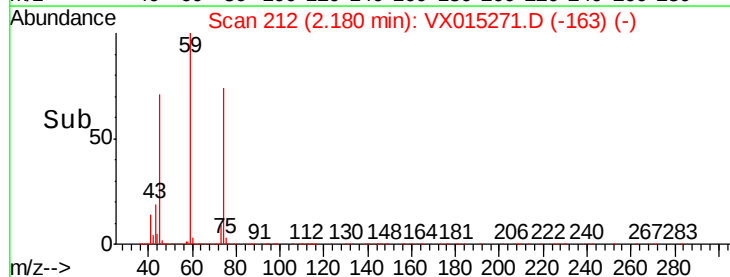
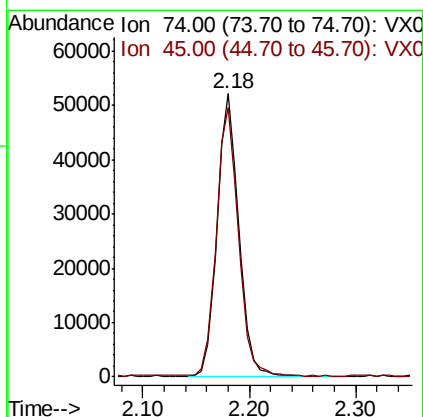
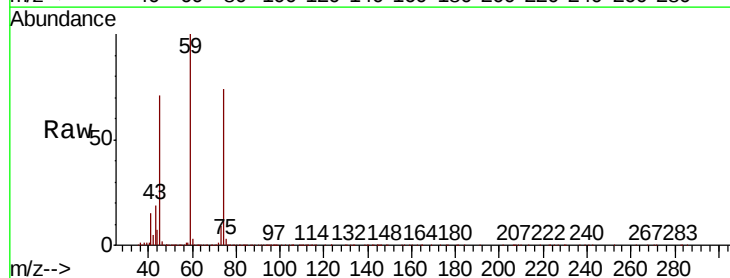
Tot Ion:101 Resp: 164770
Ion Ratio Lower Upper
101 100
103 63.7 50.4 75.6

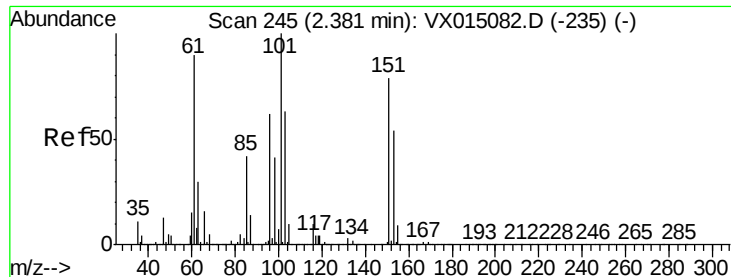


#8

Diethyl Ether
Concen: 44.482 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 74 Resp: 73644
Ion Ratio Lower Upper
74 100
45 95.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.065 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

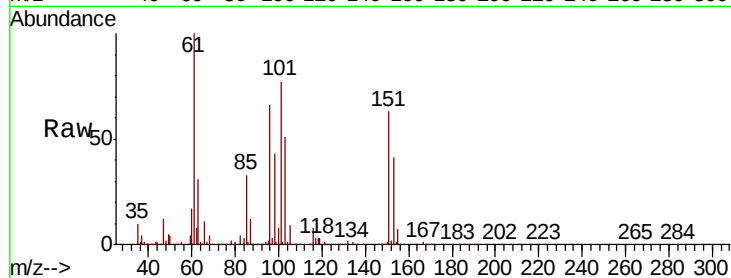
Tot Ion:101 Resp: 105936

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

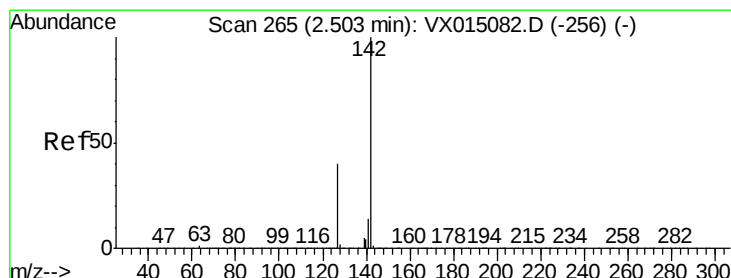
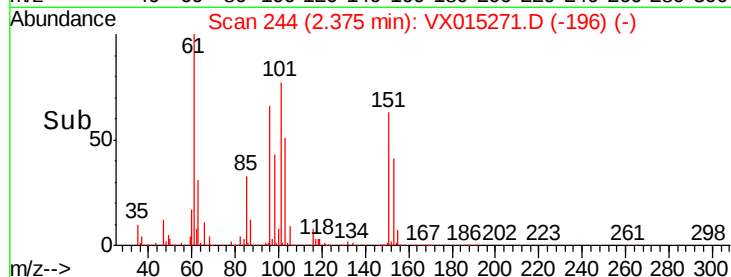
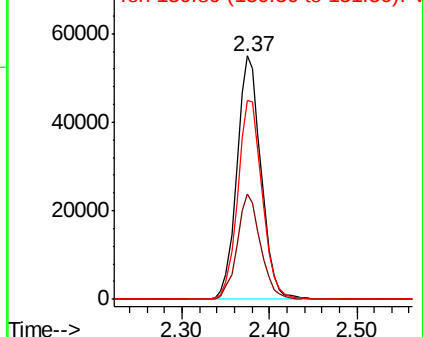
151 82.5 64.0 96.0



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: 43.726 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

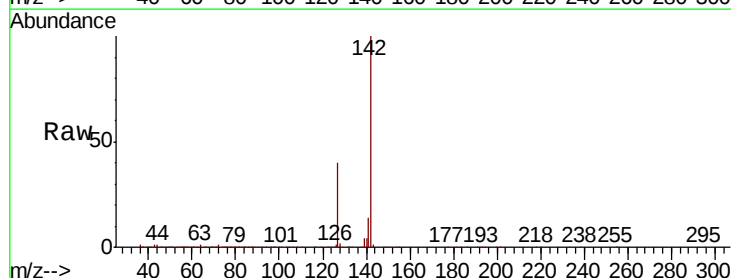
Tgt Ion:142 Resp: 113610

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

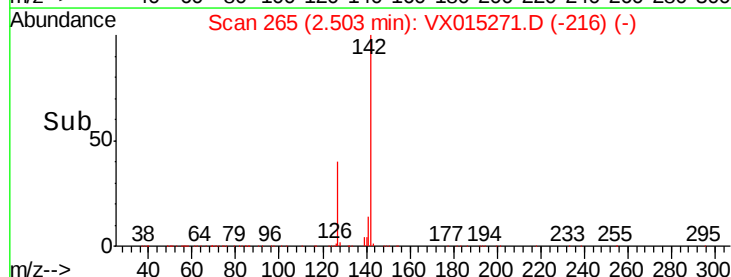
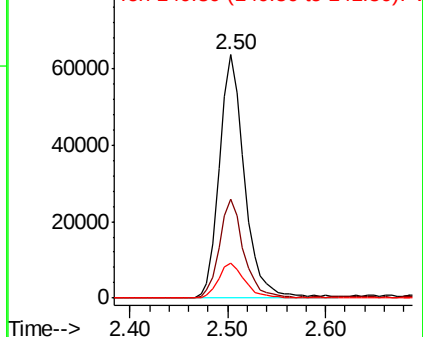
141 14.8 11.3 16.9

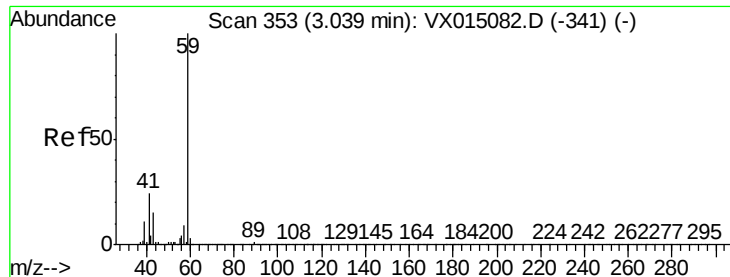


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



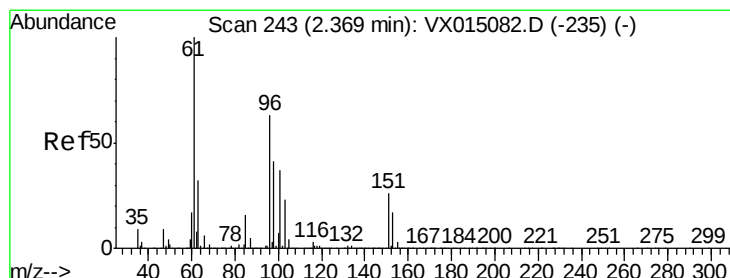
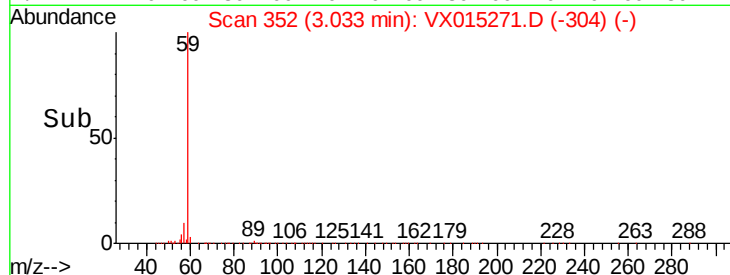
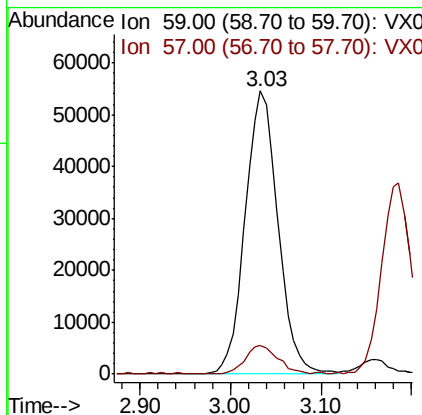
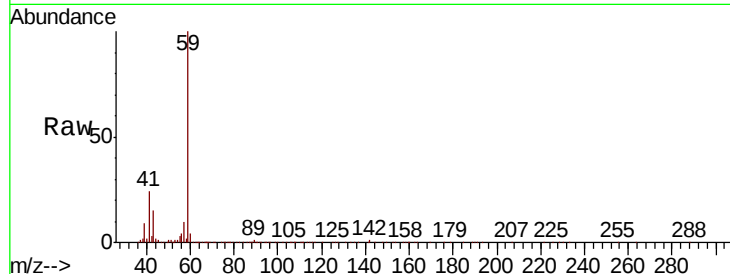


#11

Tert butyl alcohol
 Concen: 270.273 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

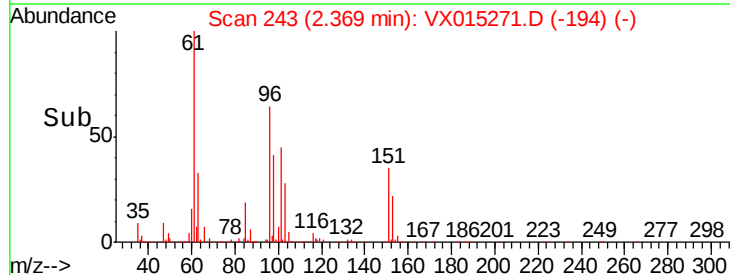
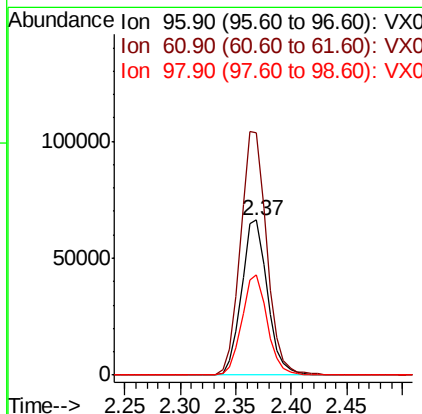
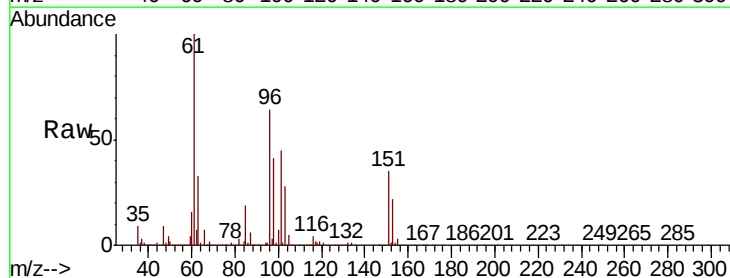
Tot Ion: 59 Resp: 135873
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

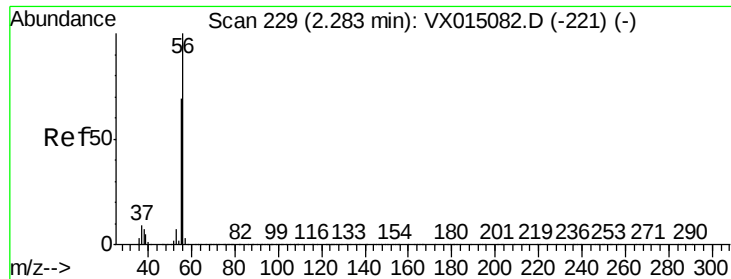


#12

1,1-Dichloroethene
 Concen: 45.180 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 96 Resp: 107232
 Ion Ratio Lower Upper
 96 100
 61 156.6 126.2 189.4
 98 64.4 51.4 77.0

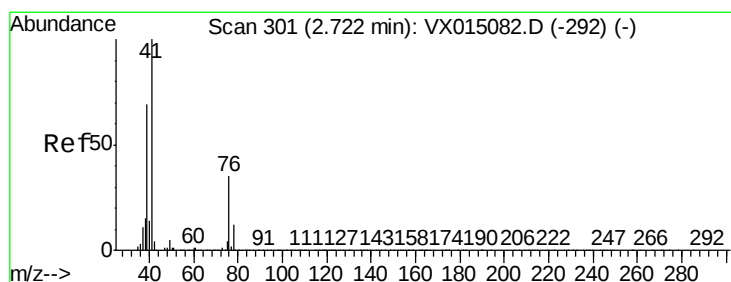
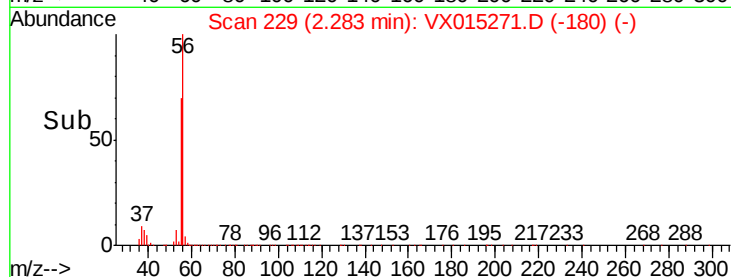
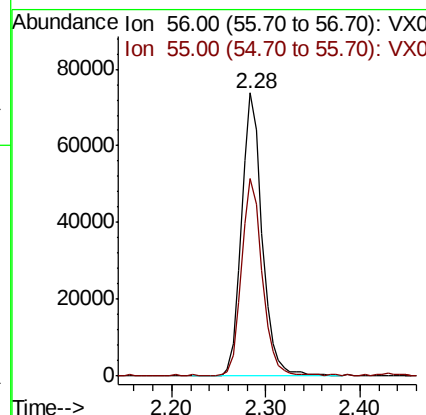
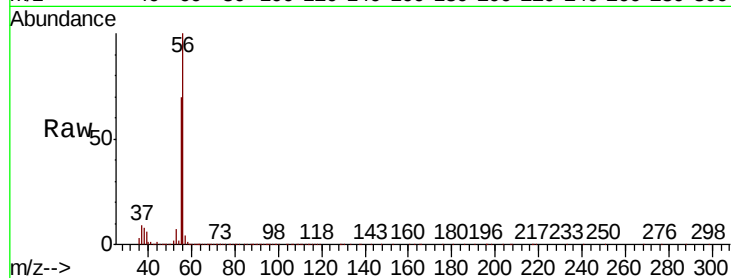




#13
Acrolein
Concen: 238.878 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

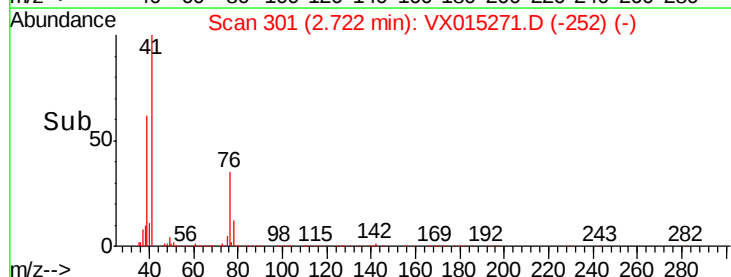
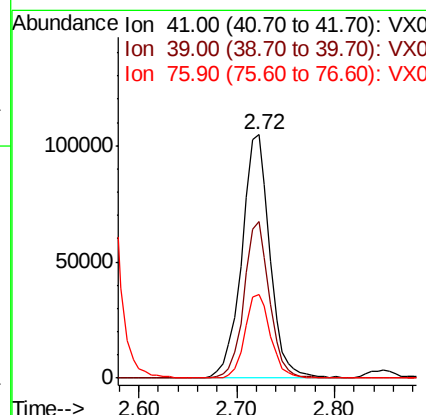
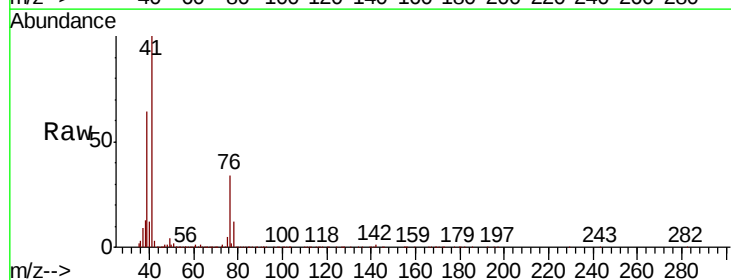
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

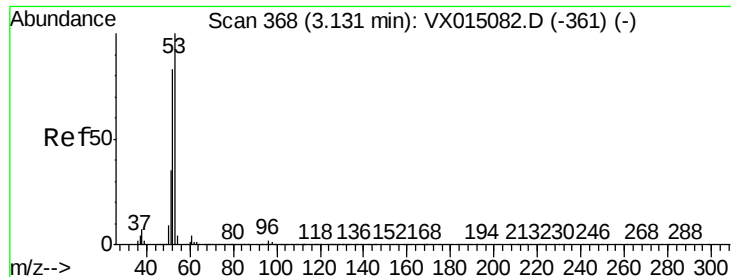
Tot Ion: 56 Resp: 112856
Ion Ratio Lower Upper
56 100
55 69.1 55.4 83.0



#14
Allyl chloride
Concen: 50.466 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 41 Resp: 208852
Ion Ratio Lower Upper
41 100
39 58.5 52.9 79.3
76 30.9 26.8 40.2





#15

Acrylonitrile

Concen: 269.180 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

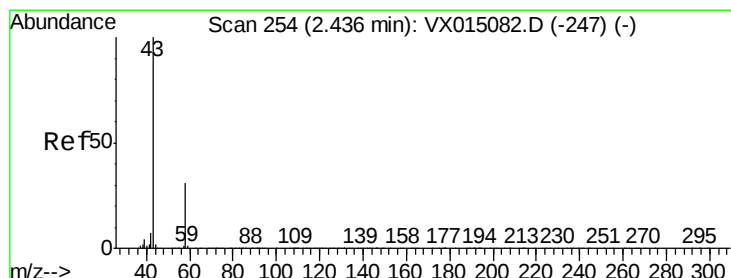
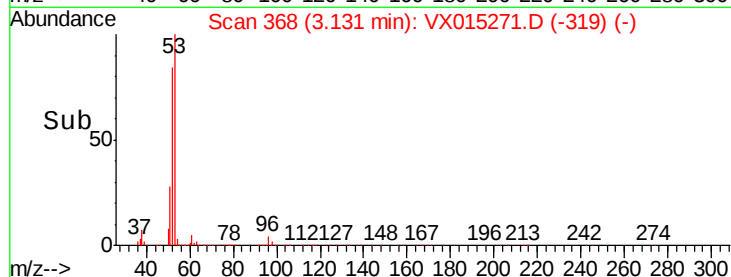
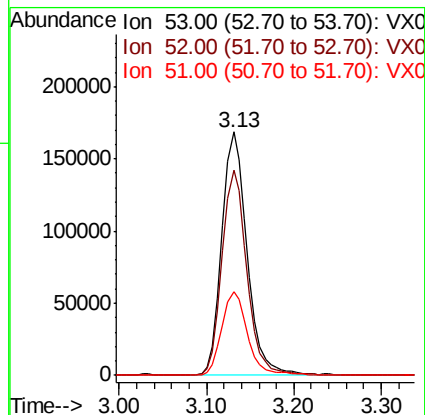
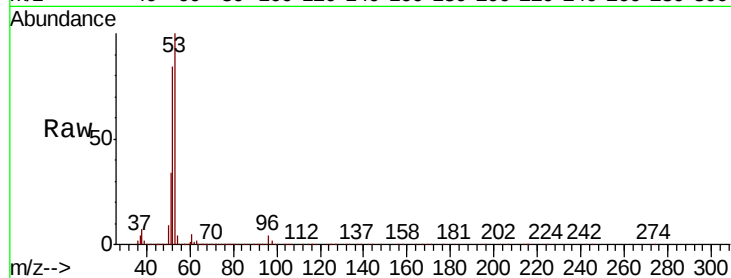
Tot Ion: 53 Resp: 337010

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

51 35.0 29.0 43.6



#16

Acetone

Concen: 226.747 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015271.D

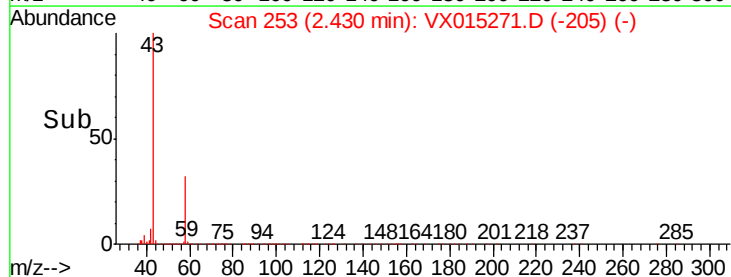
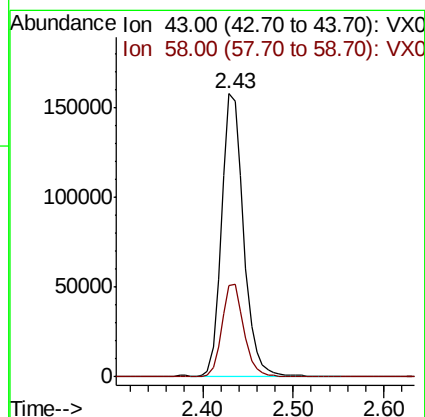
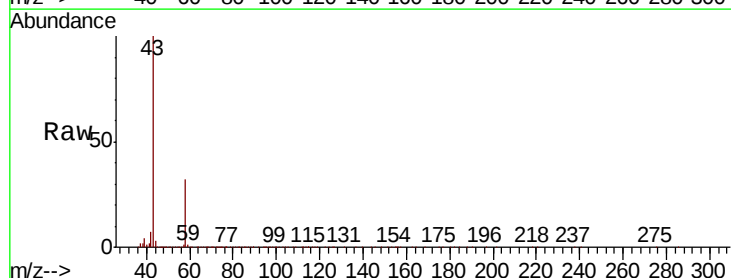
Acq: 13 Mar 2020 19:29

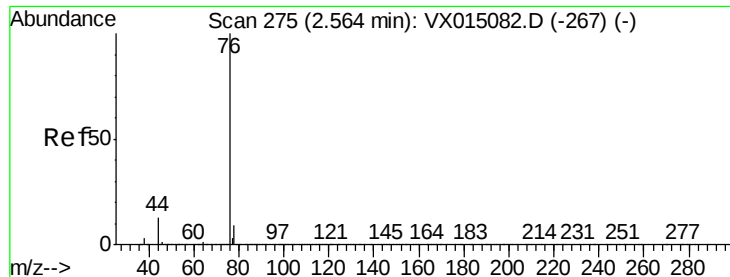
Tgt Ion: 43 Resp: 266078

Ion Ratio Lower Upper

43 100

58 32.2 24.8 37.2





#17

Carbon Disulfide

Concen: 42.458 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

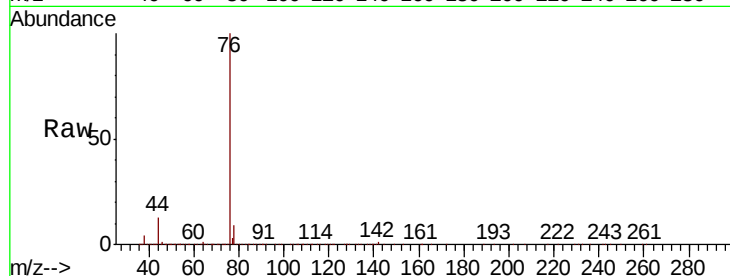
VSTDCCC050EC

Tot Ion: 76 Resp: 279852

Ion Ratio Lower Upper

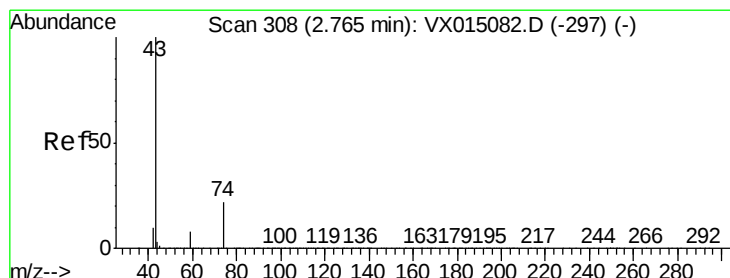
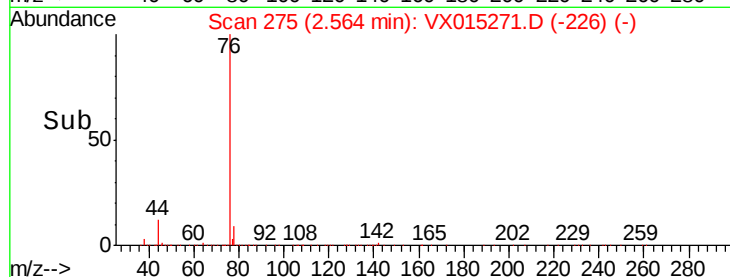
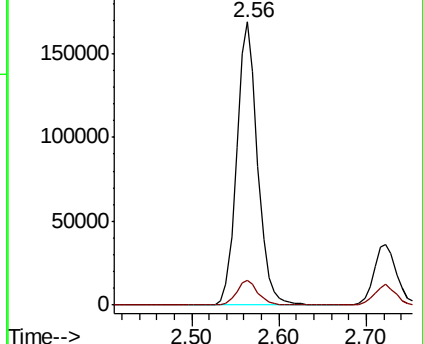
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.186 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015271.D

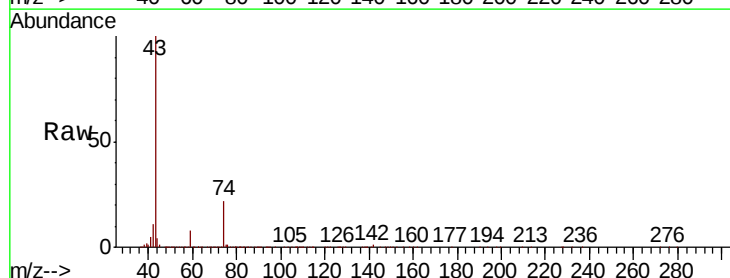
Acq: 13 Mar 2020 19:29

Tgt Ion: 43 Resp: 152607

Ion Ratio Lower Upper

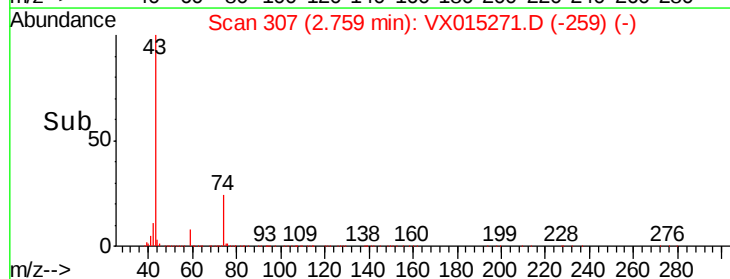
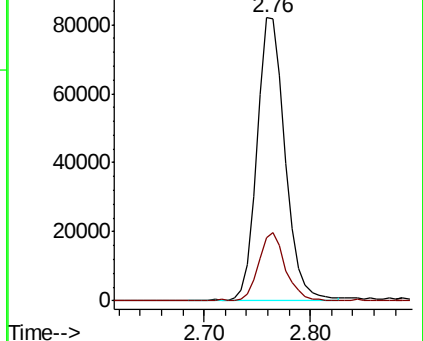
43 100

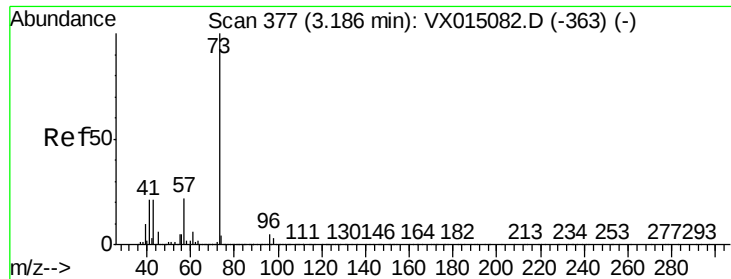
74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

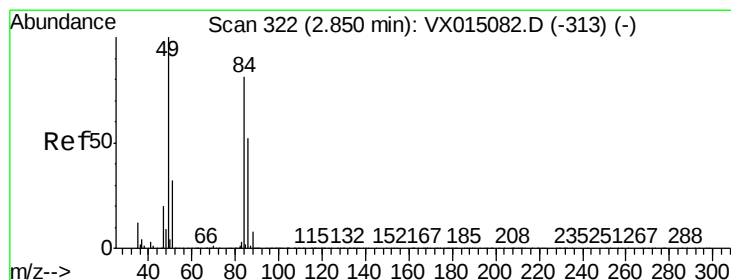
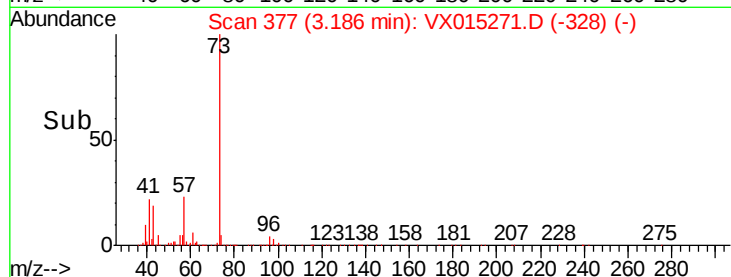
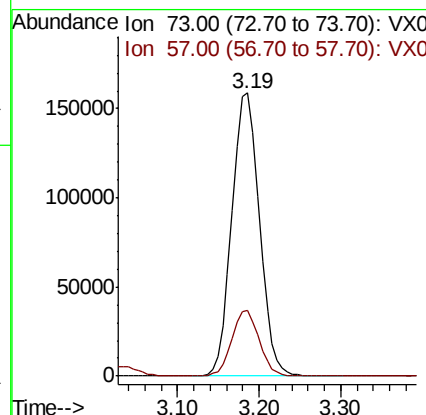
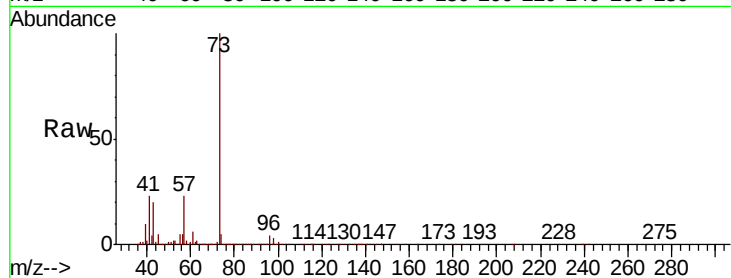




#19
Methyl tert-butyl Ether
Concen: 49.926 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

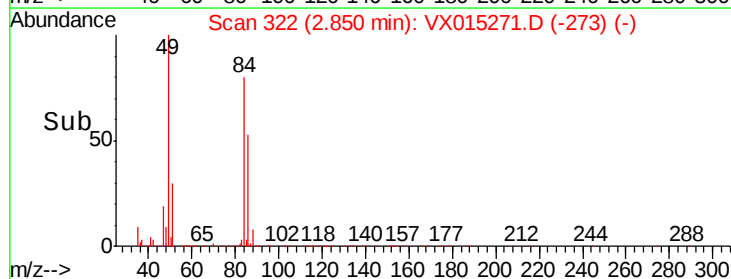
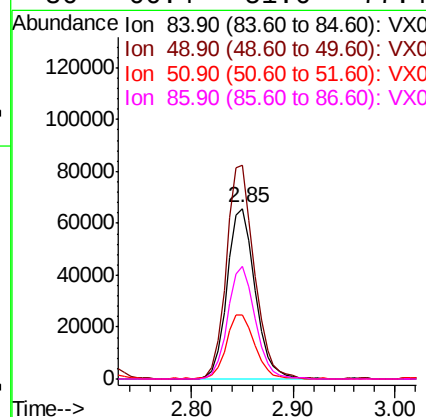
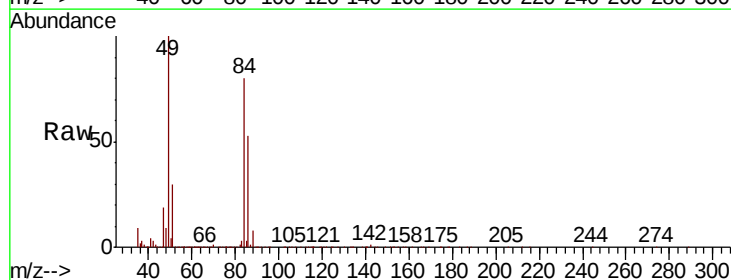
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

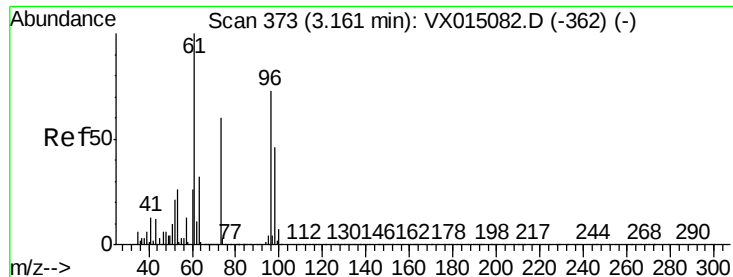
Tot Ion: 73 Resp: 370290
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.6



#20
Methylene Chloride
Concen: 45.488 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 84 Resp: 124919
Ion Ratio Lower Upper
84 100
49 125.3 99.4 149.2
51 37.6 31.5 47.3
86 66.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 46.475 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

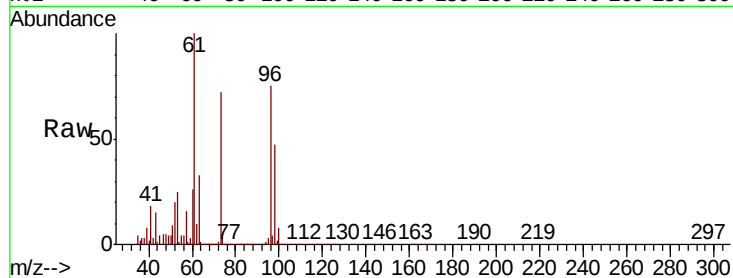
Tot Ion: 96 Resp: 117781

Ion Ratio Lower Upper

96 100

61 132.5 109.9 164.9

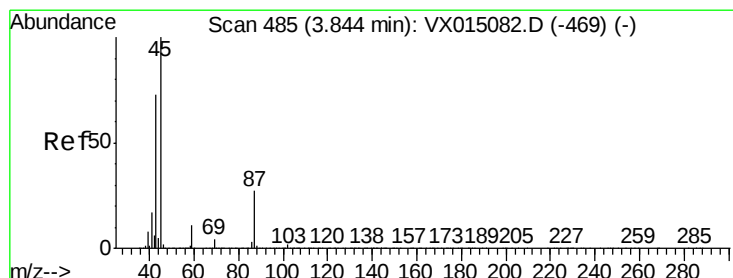
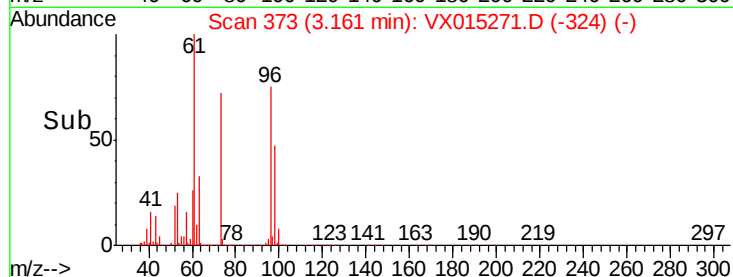
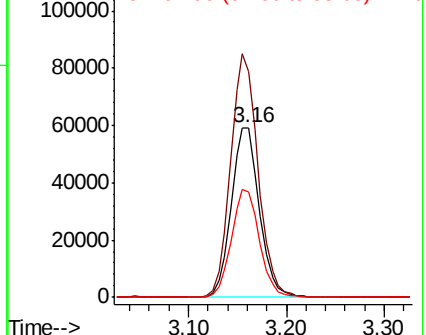
98 62.1 50.2 75.2



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: 51.675 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion: 45 Resp: 426069

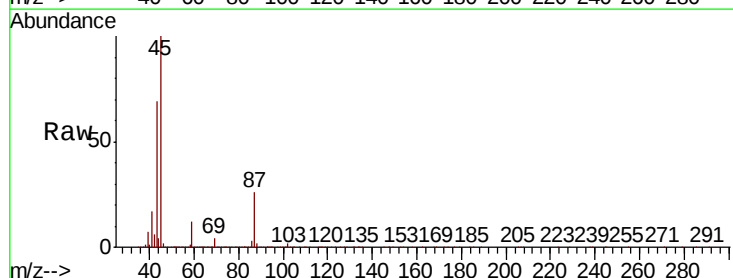
Ion Ratio Lower Upper

45 100

43 68.5 58.2 87.2

87 26.0 21.2 31.8

59 11.6 8.9 13.3

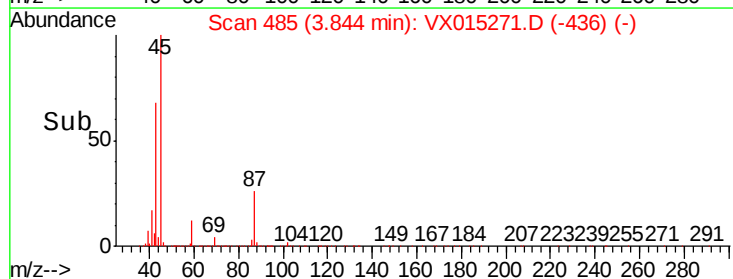
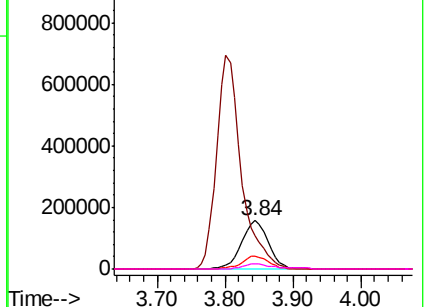


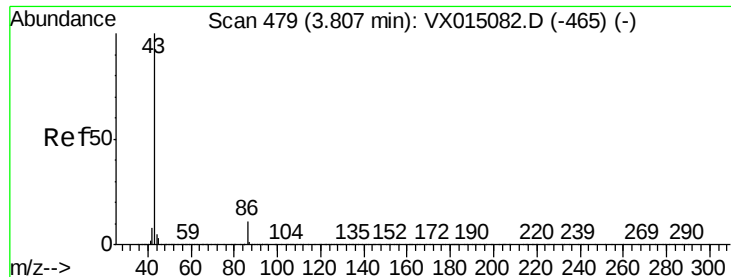
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 260.320 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

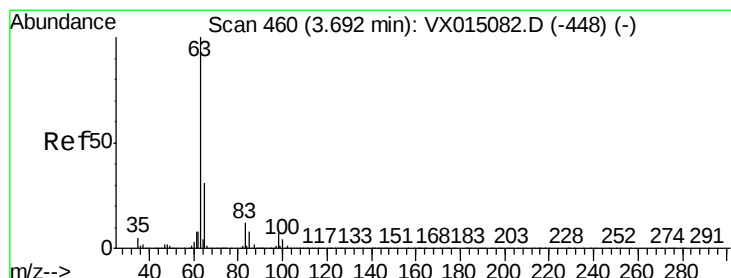
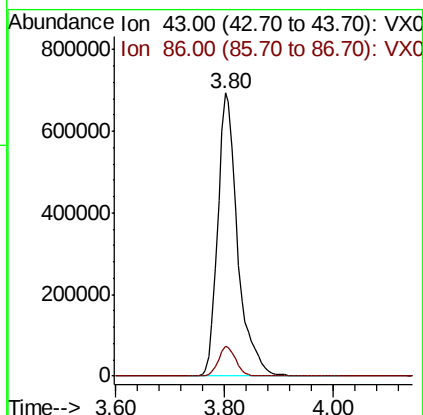
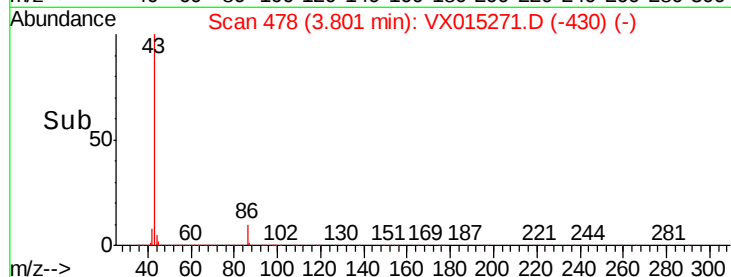
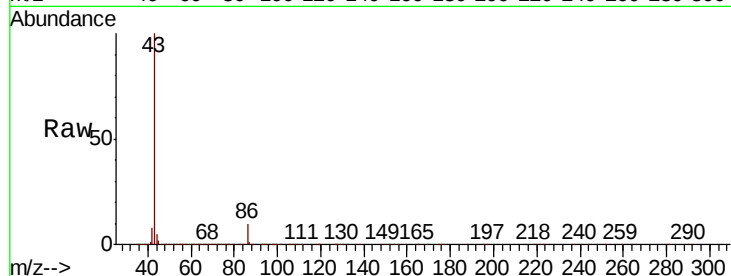
VSTDCCC050EC

Tot Ion: 43 Resp: 1764346

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 48.279 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

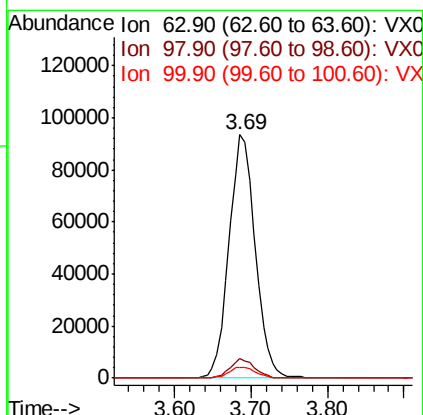
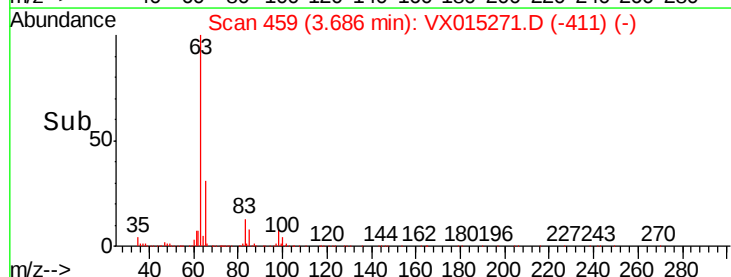
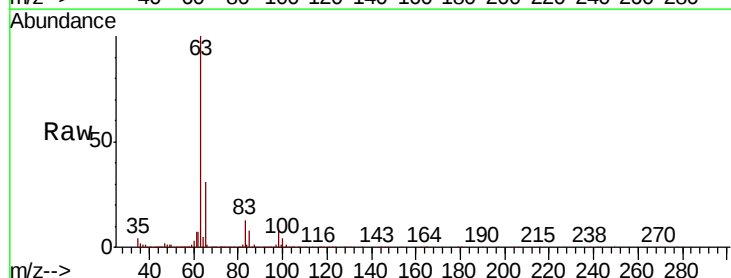
Tgt Ion: 63 Resp: 220931

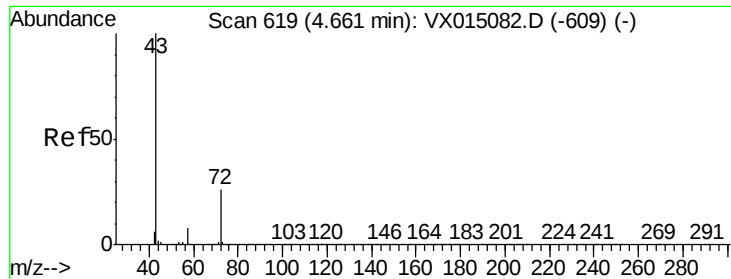
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 4.4 2.1 6.5

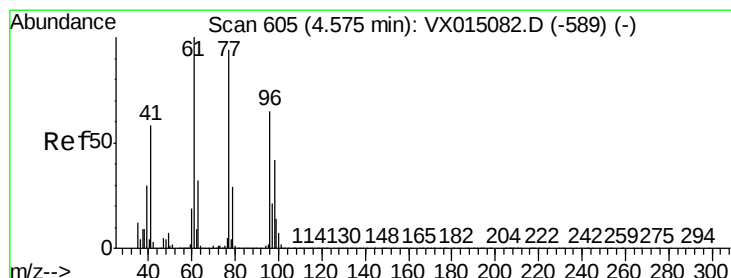
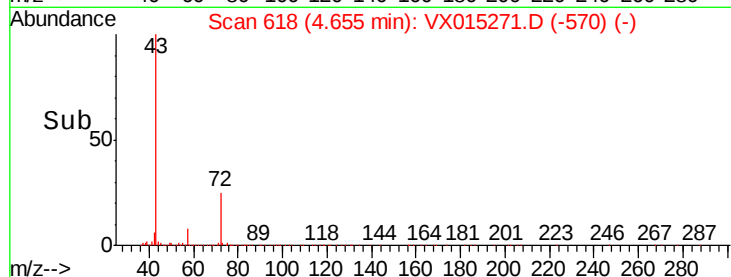
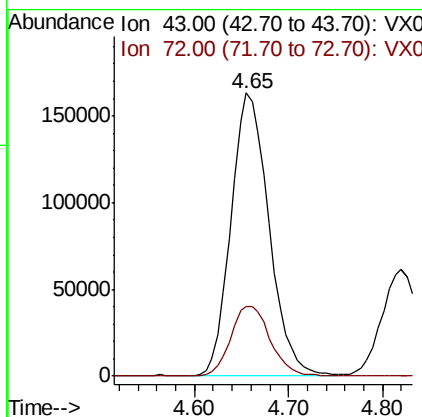
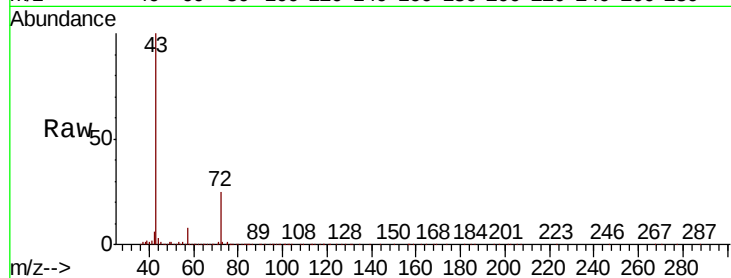




#25
2-Butanone
Concen: 266.044 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

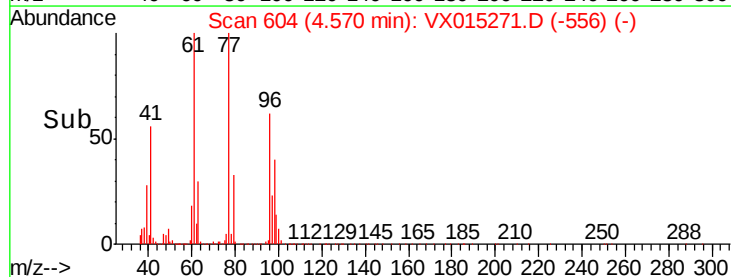
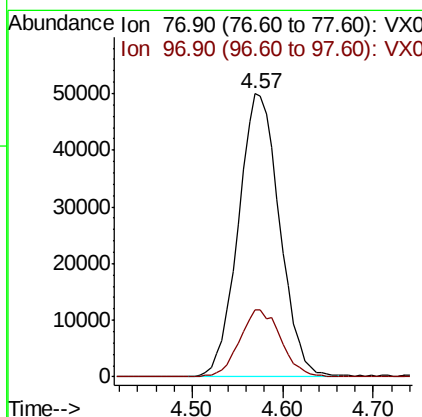
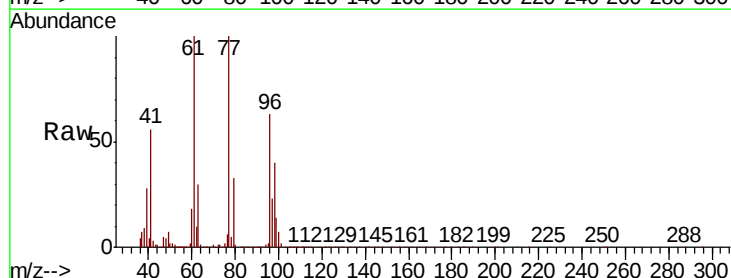
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

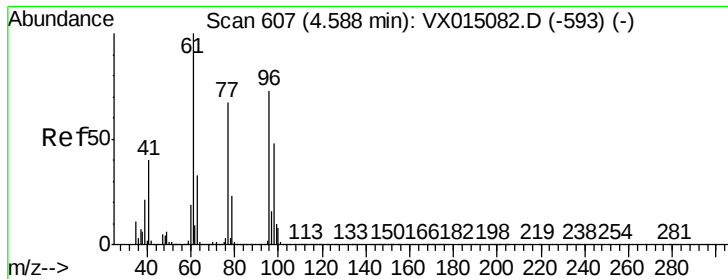
Tot Ion: 43 Resp: 457047
Ion Ratio Lower Upper
43 100
72 24.5 20.6 30.8



#26
2,2-Dichloropropane
Concen: 43.222 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 77 Resp: 157015
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4



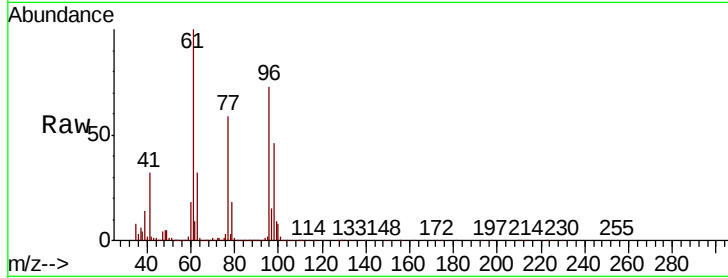


#27

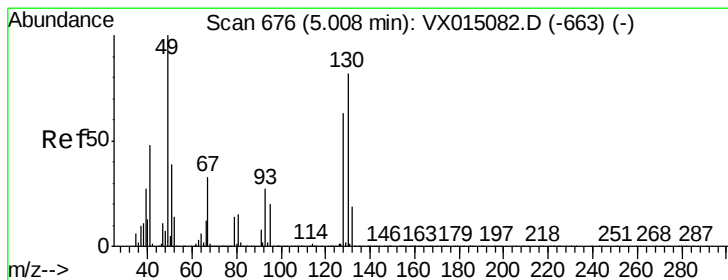
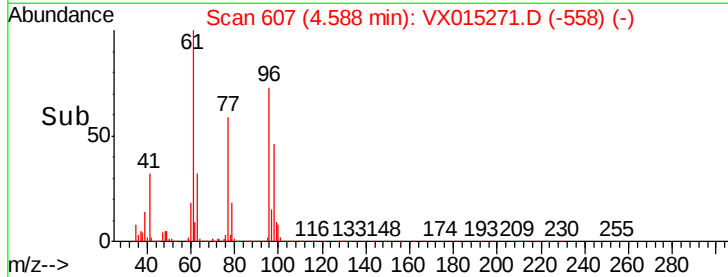
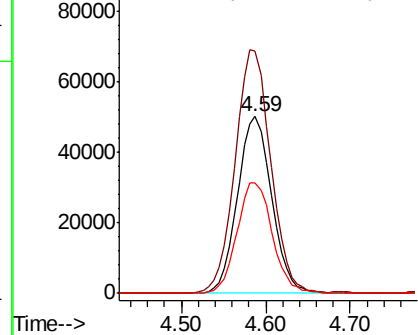
cis-1,2-Dichloroethene
Concen: 48.273 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	286.8
98	64.8	0.0	128.4



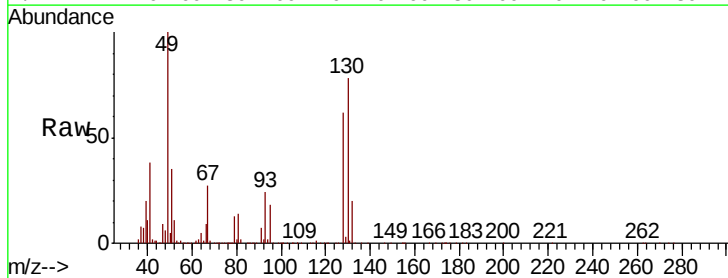
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



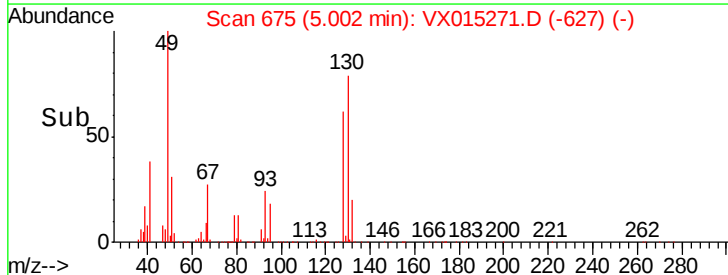
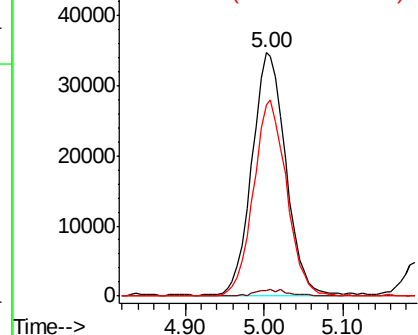
#28

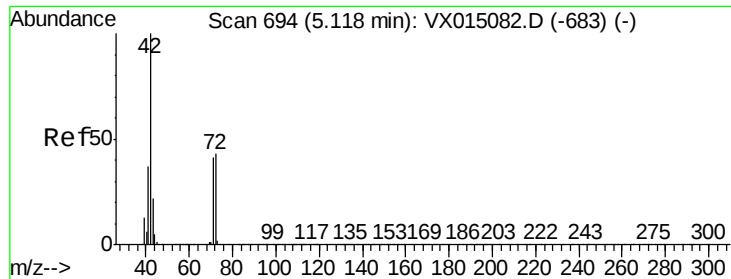
Bromochloromethane
Concen: 49.671 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	78.9	65.0	97.6



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: 272.982 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

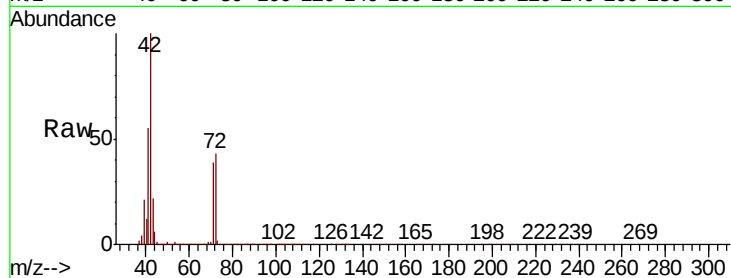
Tot Ion: 42 Resp: 302301

Ion Ratio Lower Upper

42 100

72 42.7 36.4 54.6

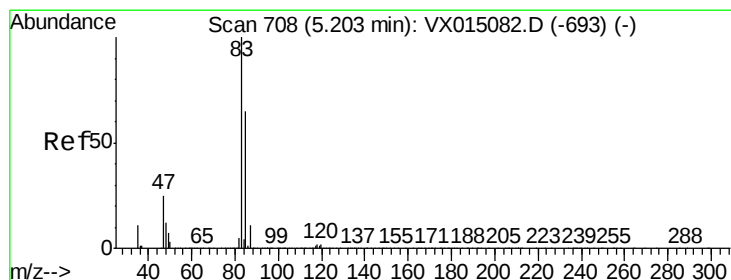
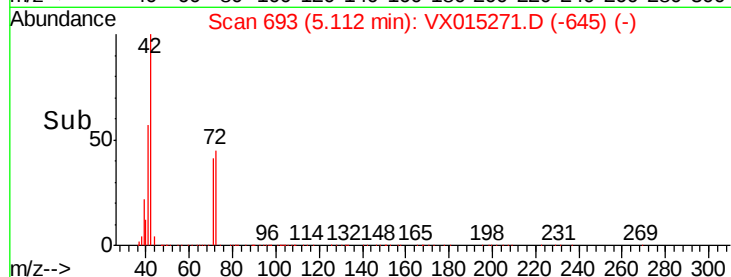
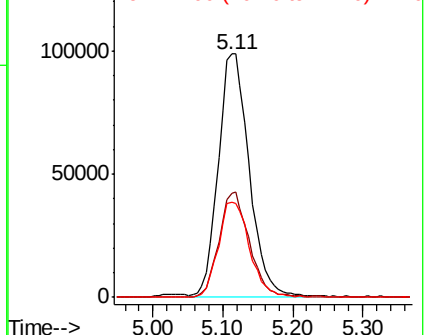
71 39.3 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.021 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015271.D

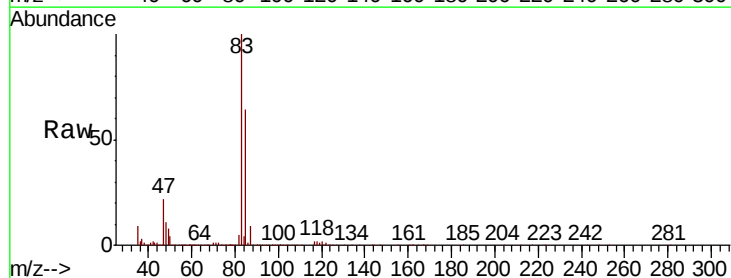
Acq: 13 Mar 2020 19:29

Tgt Ion: 83 Resp: 214182

Ion Ratio Lower Upper

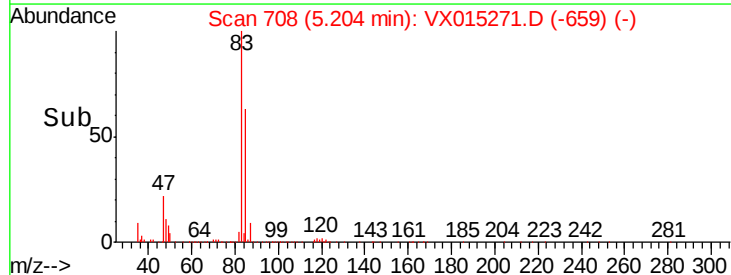
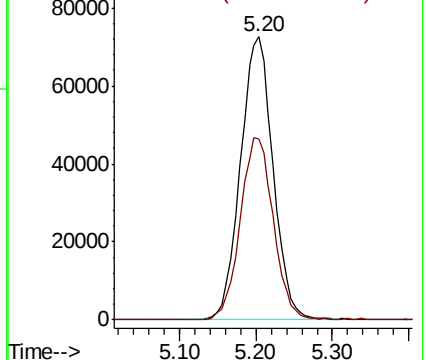
83 100

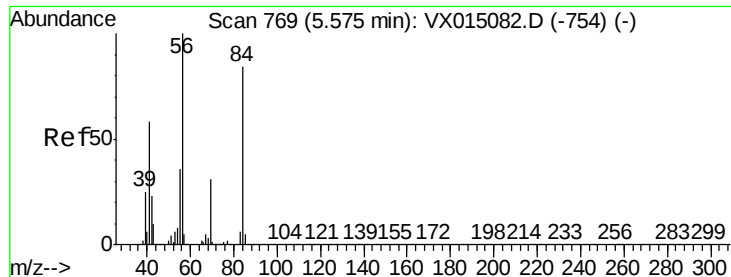
85 63.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

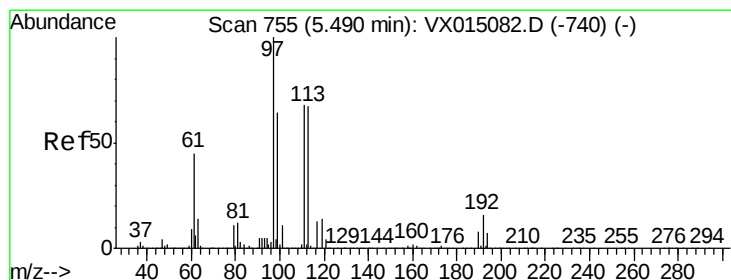
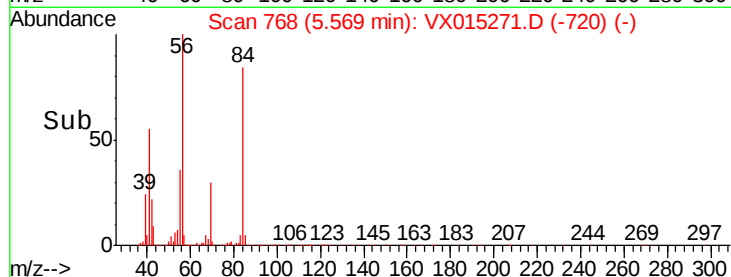
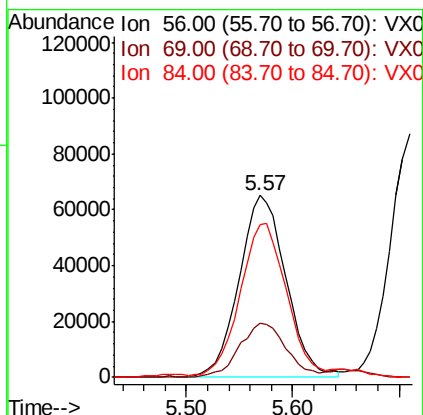
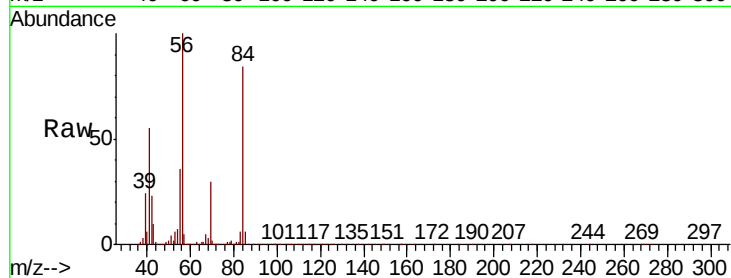




#31
Cyclohexane
Concen: 48.774 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

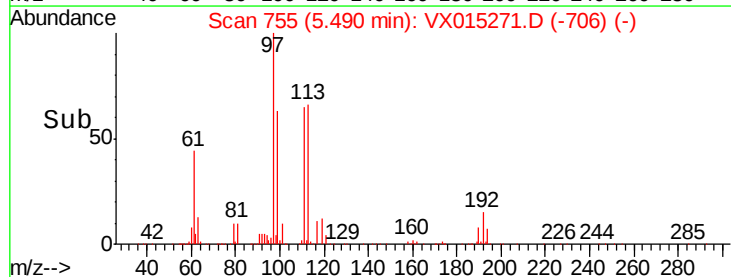
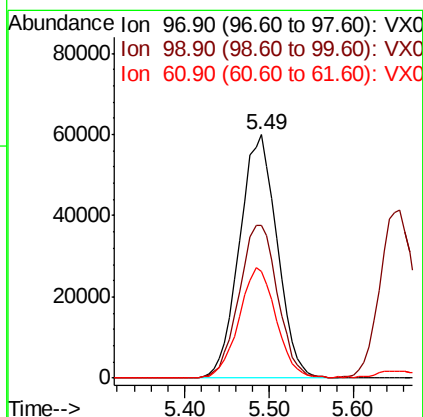
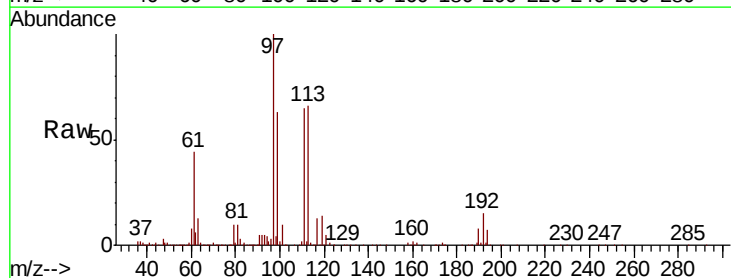
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

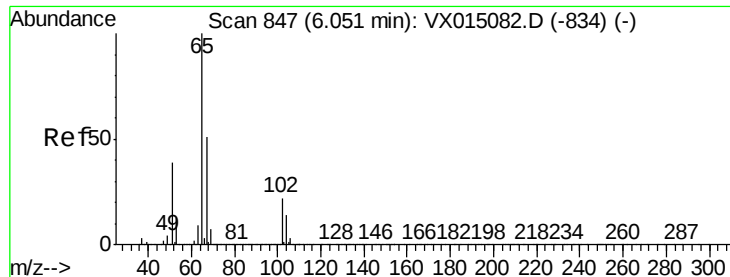
Tot Ion: 56 Resp: 199084
Ion Ratio Lower Upper
56 100
69 29.4 25.0 37.6
84 82.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 48.961 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 97 Resp: 181021
Ion Ratio Lower Upper
97 100
99 64.4 52.8 79.2
61 44.9 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 44.105 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

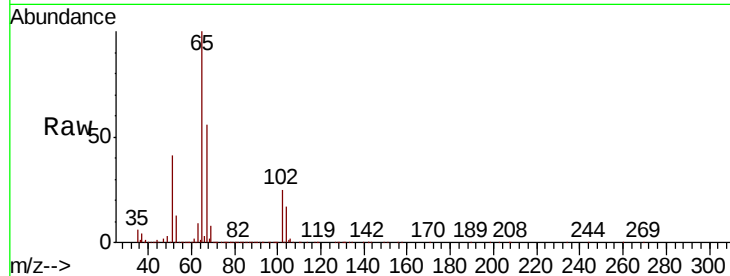
VSTDCCC050EC

Tot Ion: 65 Resp: 127796

Ion Ratio Lower Upper

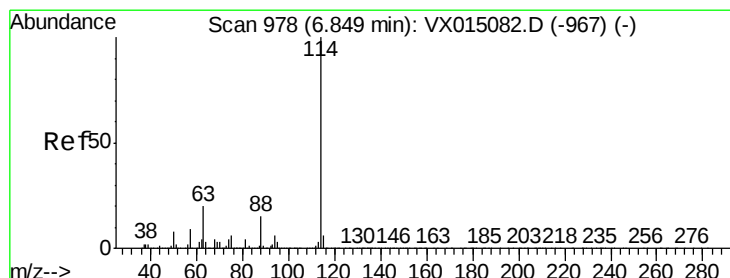
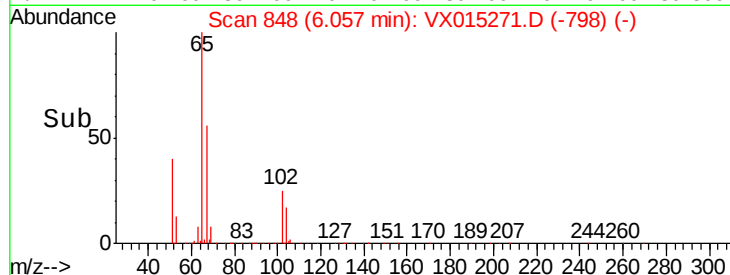
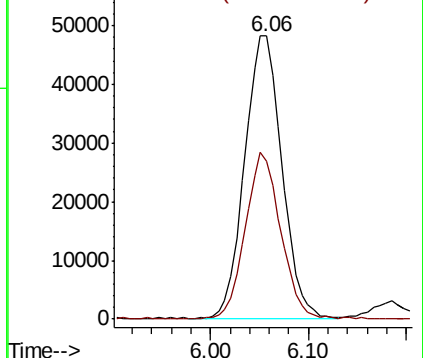
65 100

67 56.0 0.0 105.6



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: VX015271.D

Acq: 13 Mar 2020 19:29

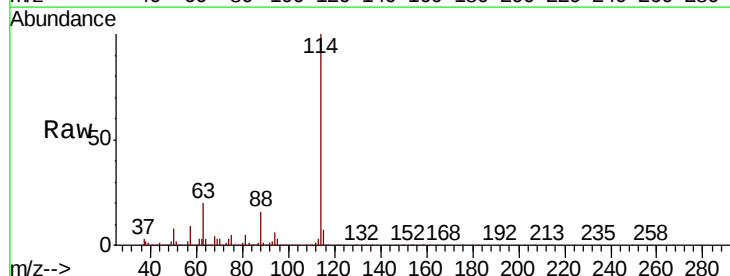
Tgt Ion: 114 Resp: 364647

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

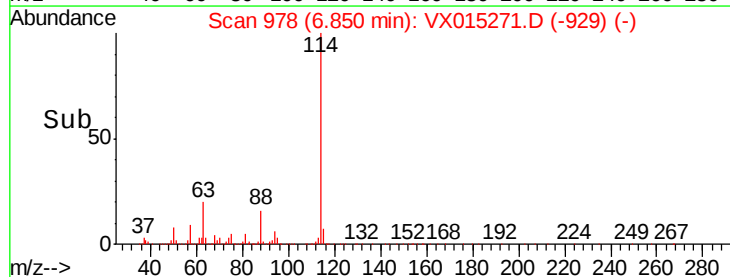
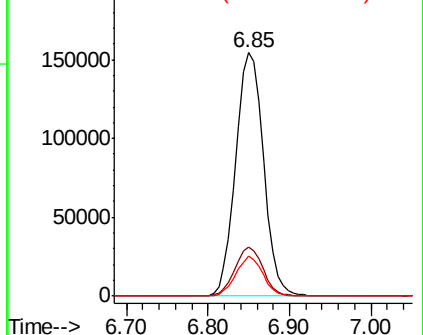
88 16.4 0.0 30.6

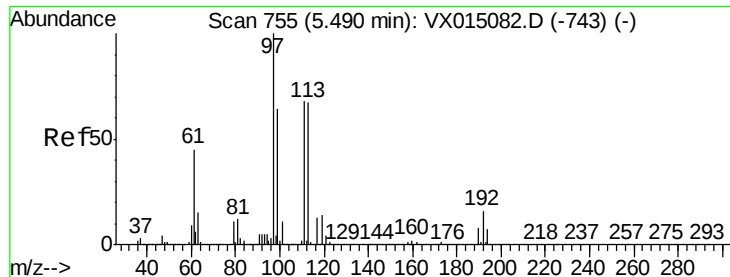


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

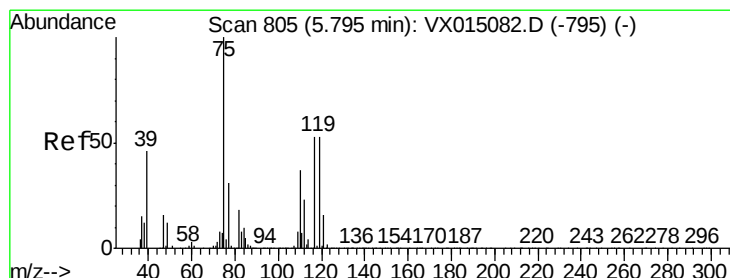
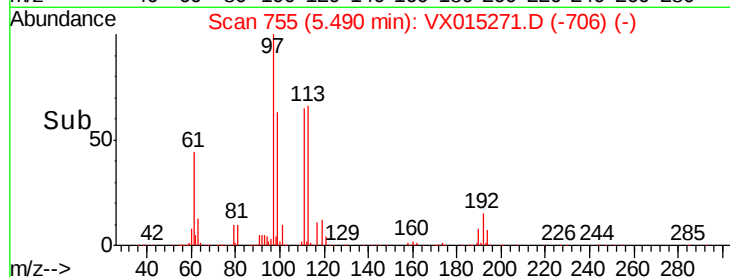
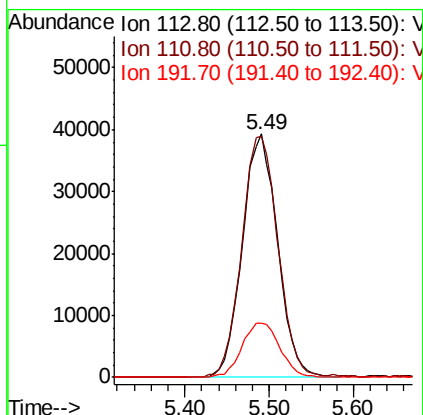
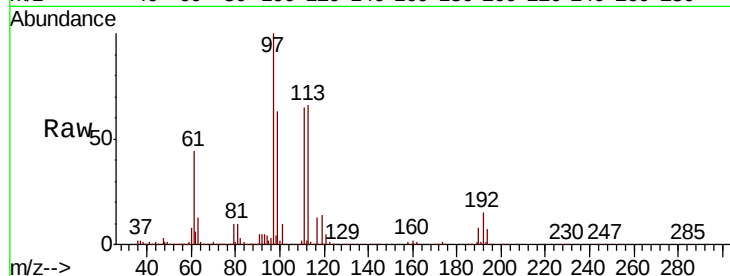




#35
 Dibromofluoromethane
 Concen: 48.296 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

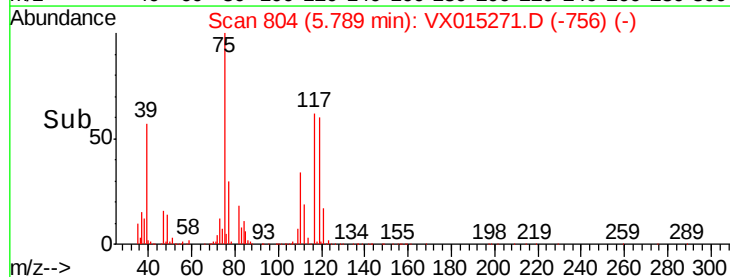
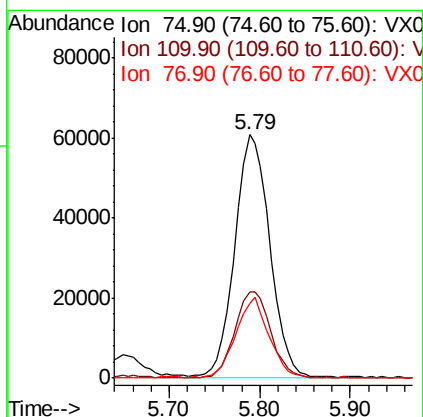
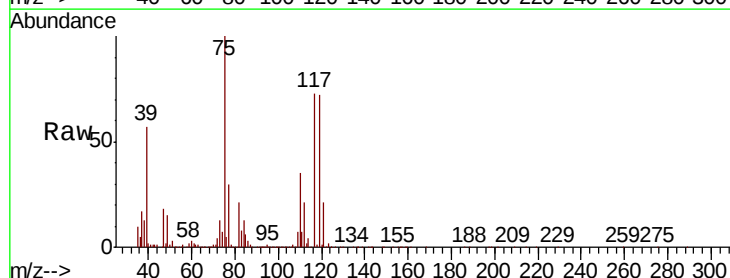
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

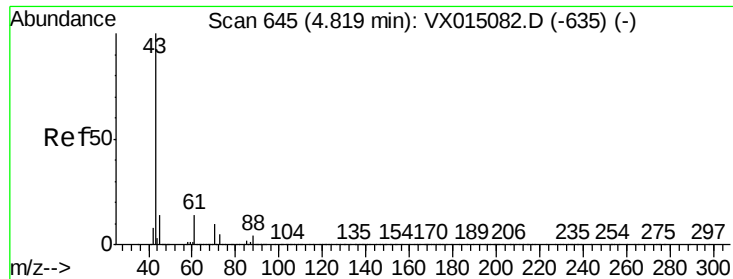
Tot Ion:113 Resp: 111103
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 24.0 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 48.217 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 75 Resp: 162538
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.9 53.8
 77 30.9 24.8 37.2

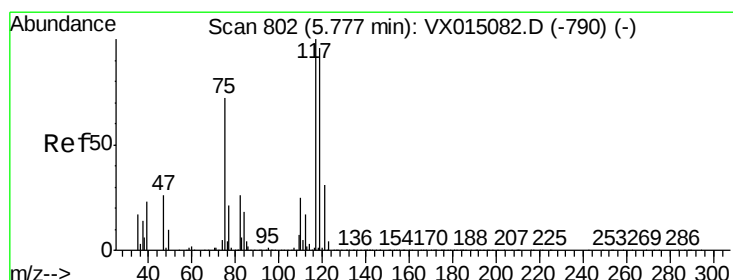
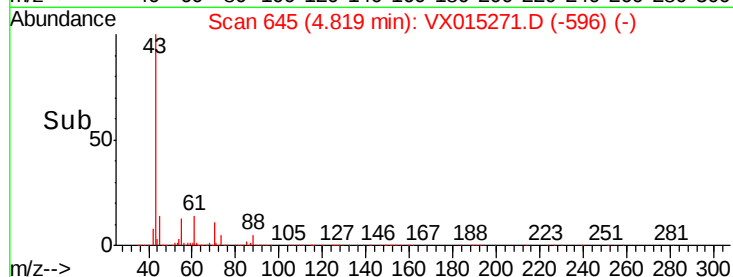
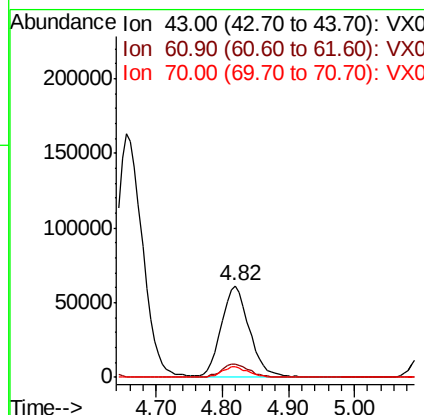
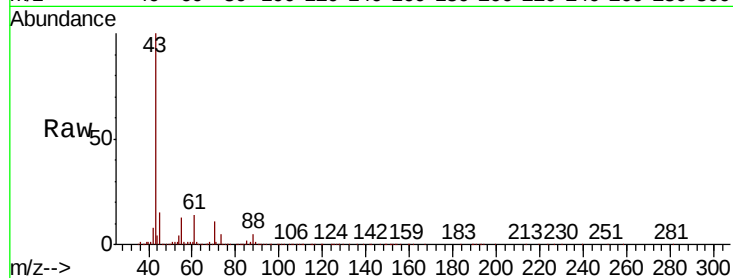




#37
Ethyl Acetate
Concen: 57.302 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

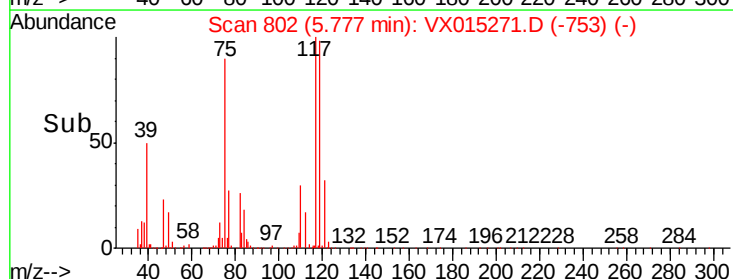
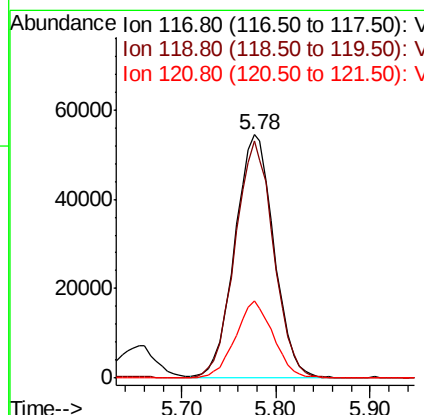
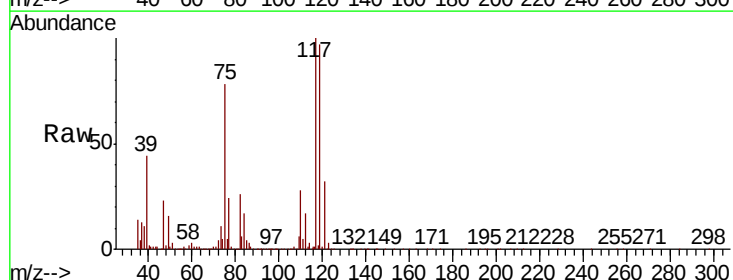
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

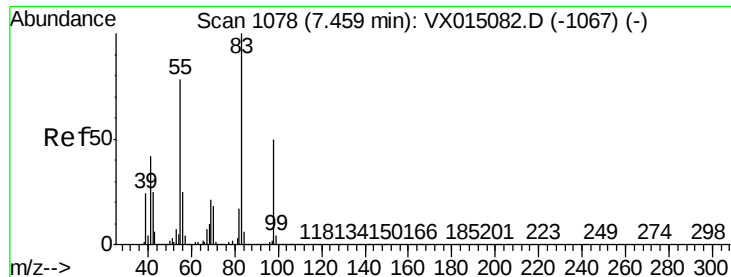
Tot Ion: 43 Resp: 179183
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 10.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.287 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 117 Resp: 156831
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
121 31.8 24.6 37.0

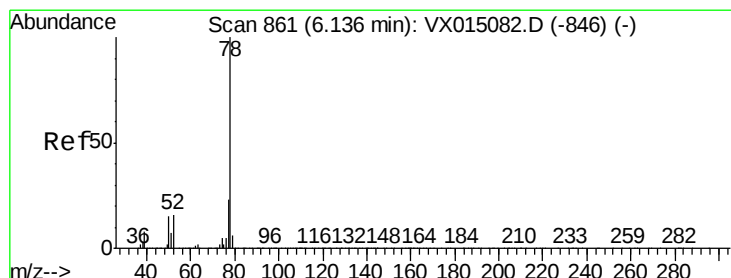
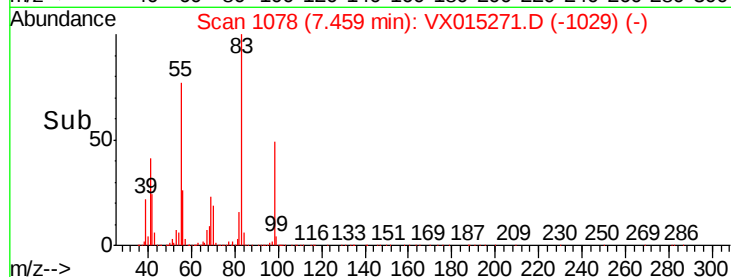
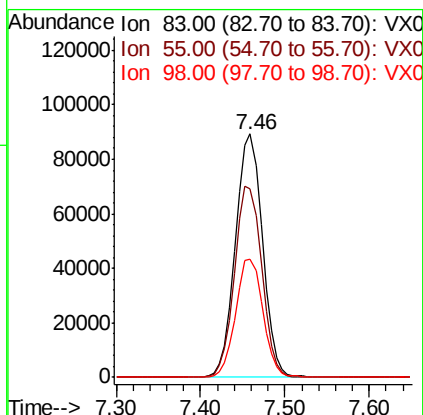
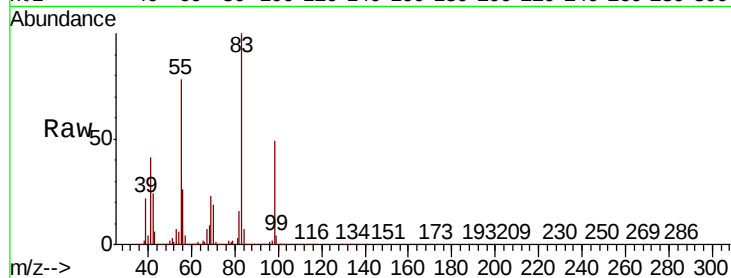




#39
Methvlcvclohexane
Concen: 49.300 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

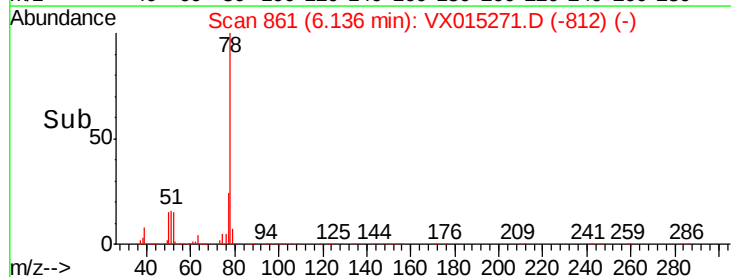
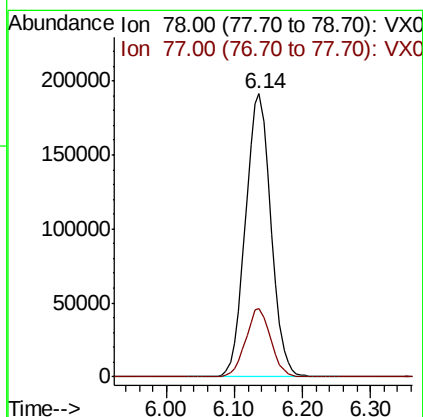
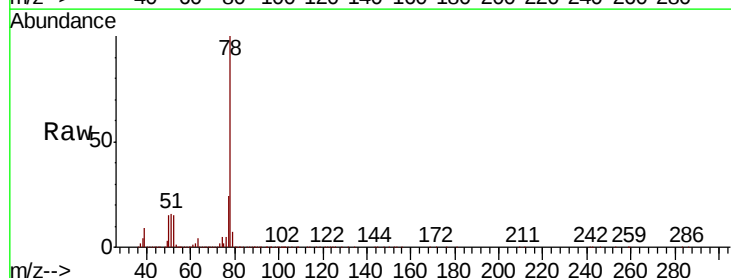
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

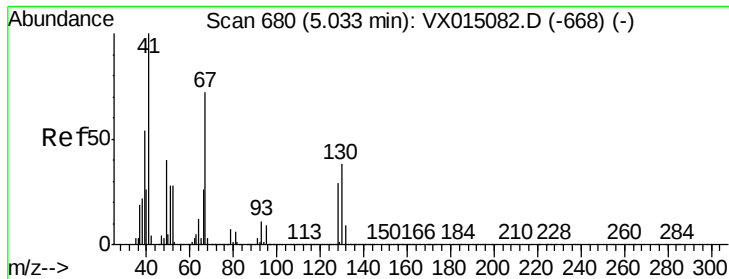
Tot Ion: 83 Resp: 194059
Ion Ratio Lower Upper
83 100
55 77.5 62.4 93.6
98 48.5 39.7 59.5



#40
Benzene
Concen: 49.942 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 78 Resp: 499486
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

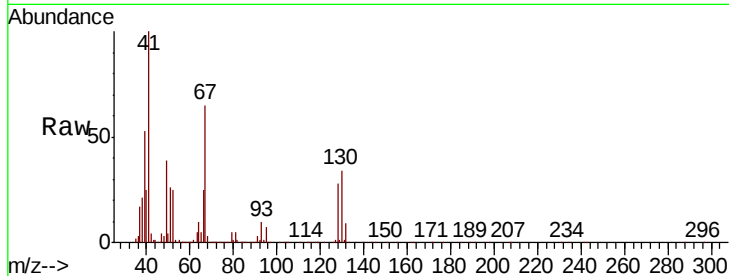




#41
Methacrylonitrile
Concen: 54.673 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	102689
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.9	65.9
67	70.4	57.8	86.8
52	26.8	22.6	34.0



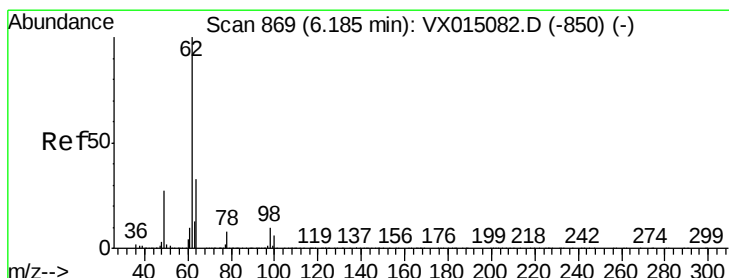
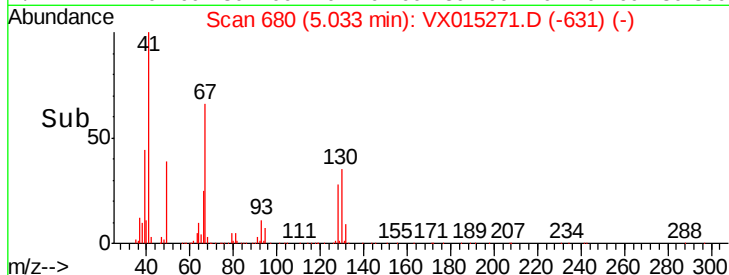
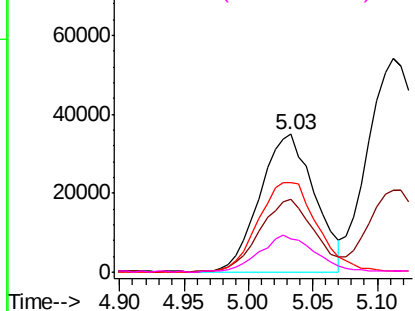
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

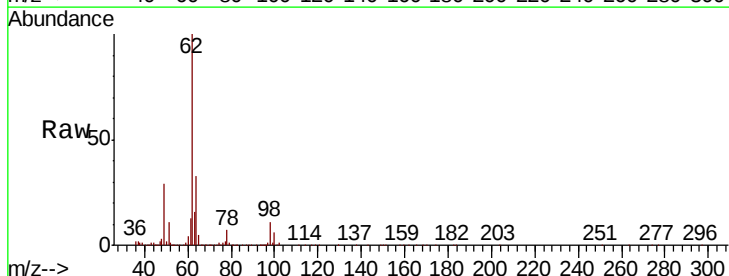
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.074 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

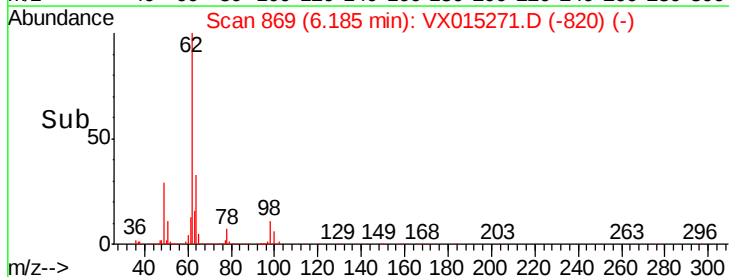
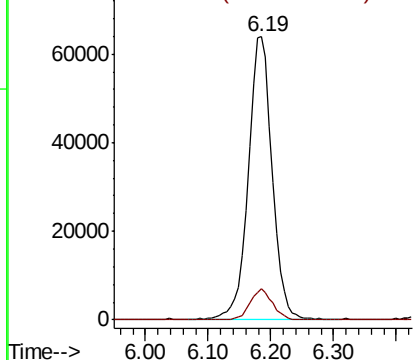
Tgt Ion:	62	Resp:	168547
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6

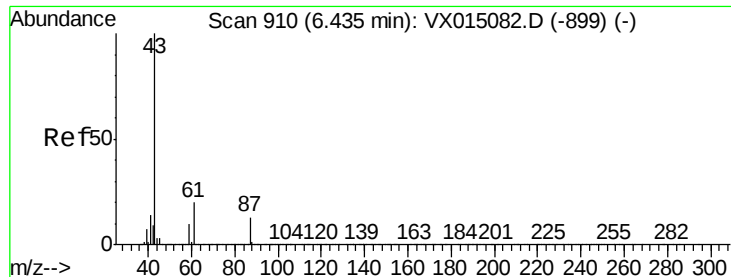


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.137 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

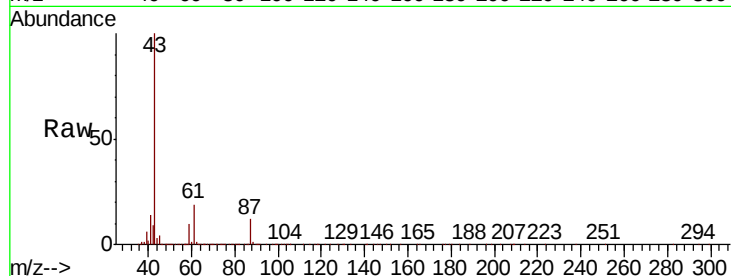
Tot Ion: 43 Resp: 297804

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

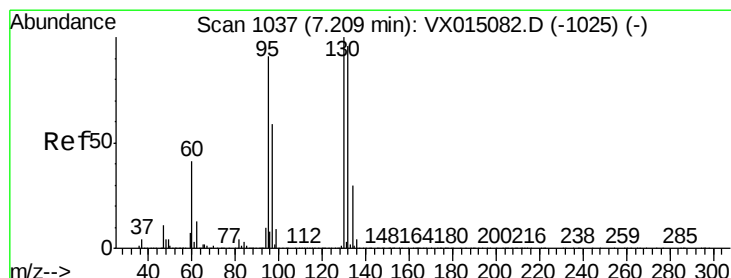
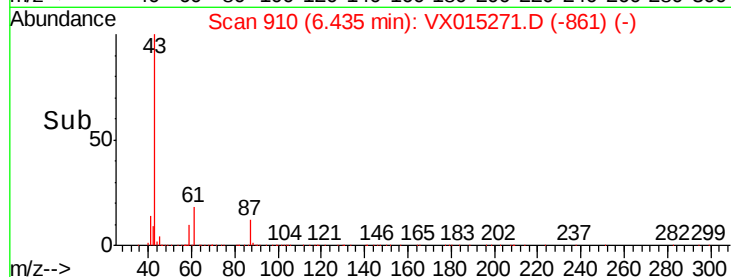
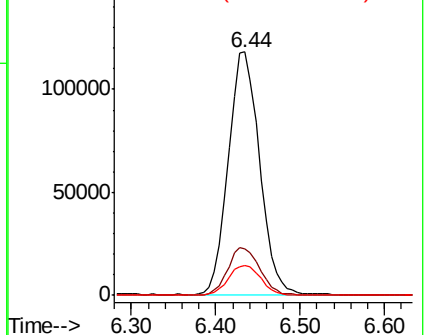
87 12.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.424 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015271.D

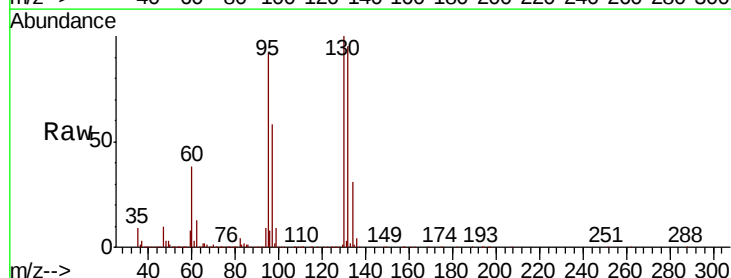
Acq: 13 Mar 2020 19:29

Tgt Ion: 130 Resp: 143231

Ion Ratio Lower Upper

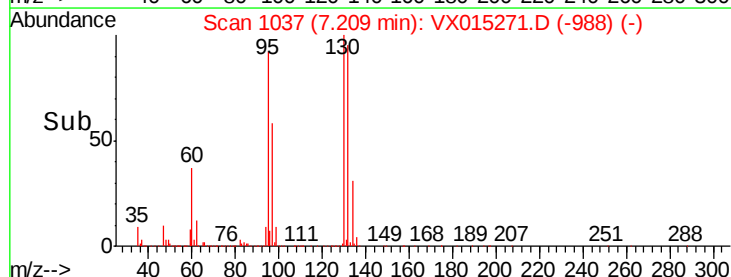
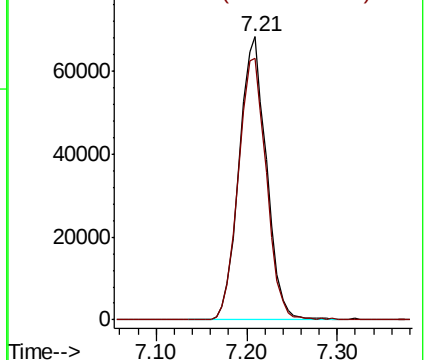
130 100

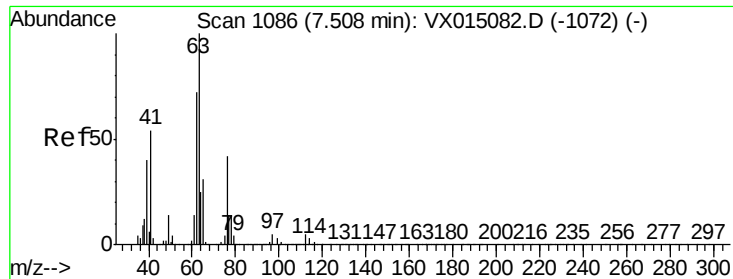
95 92.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

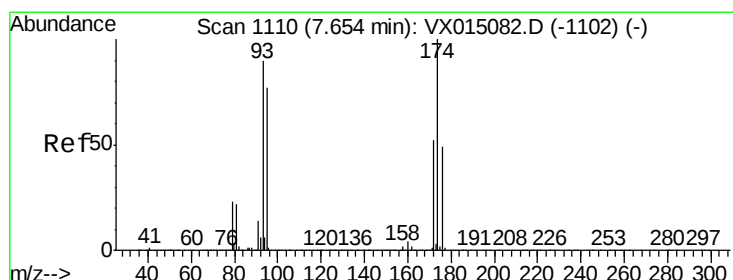
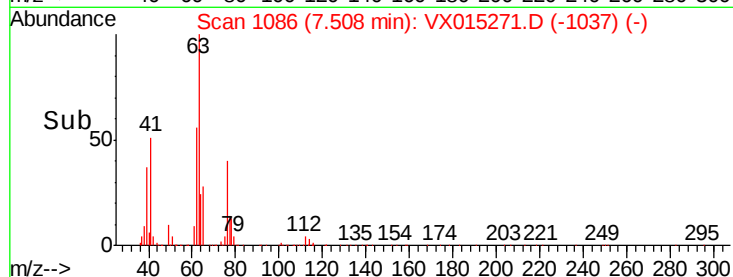
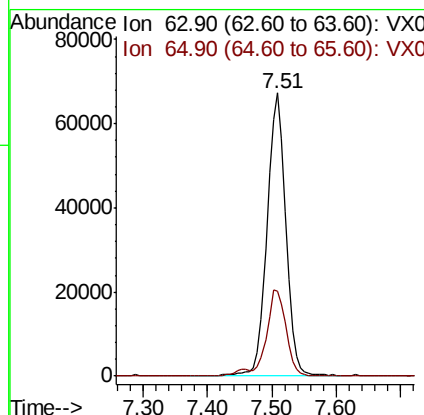
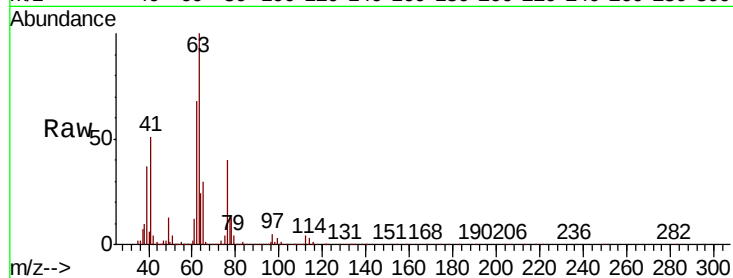




#45
 1,2-Dichloropropane
 Concen: 52.950 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

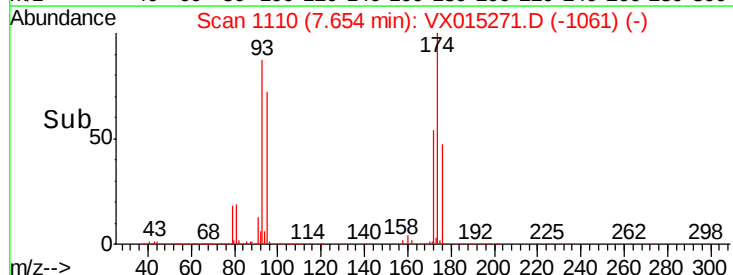
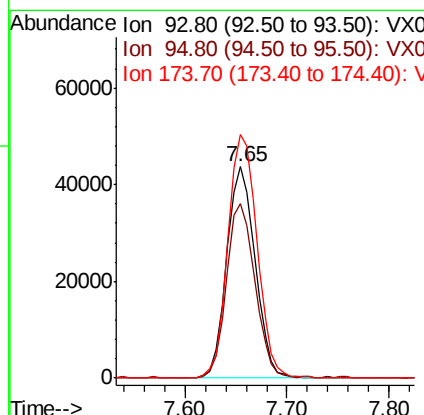
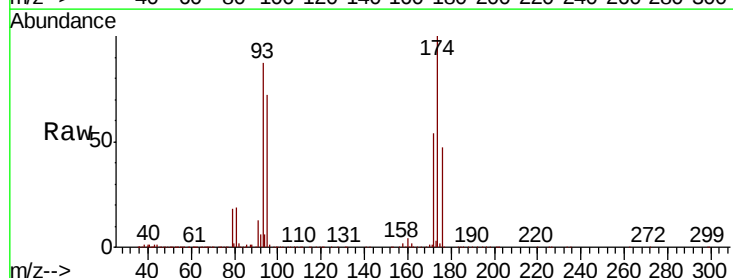
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 137073
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#46
 Dibromomethane
 Concen: 49.953 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 93 Resp: 84260
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.8 101.8
 174 118.9 91.0 136.4





#47

Bromodichloromethane

Concen: 50.886 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

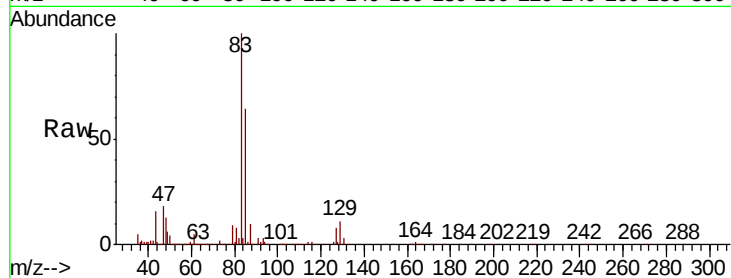
Tot Ion: 83 Resp: 169738

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

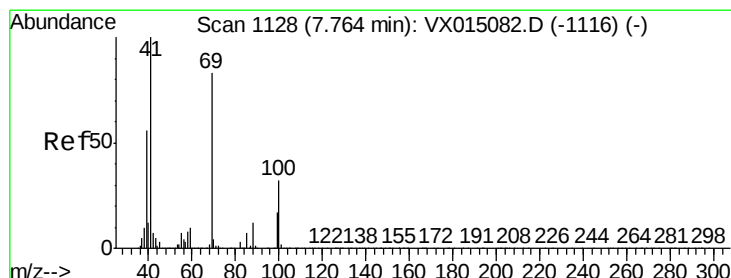
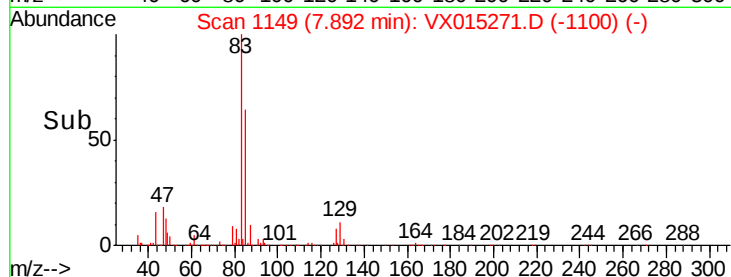
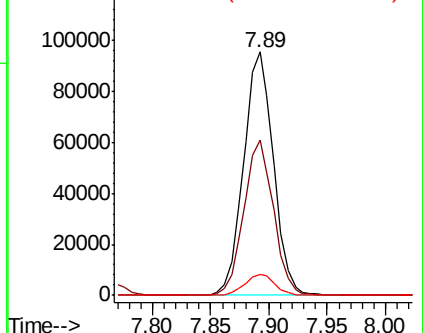
127 8.5 7.1 10.7



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): V



#48

Methyl methacrylate

Concen: 52.898 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

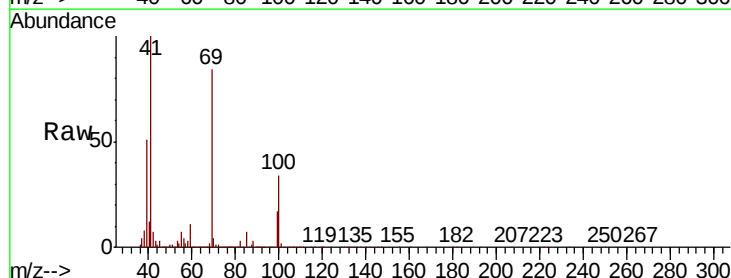
Tgt Ion: 41 Resp: 148102

Ion Ratio Lower Upper

41 100

69 82.5 65.4 98.2

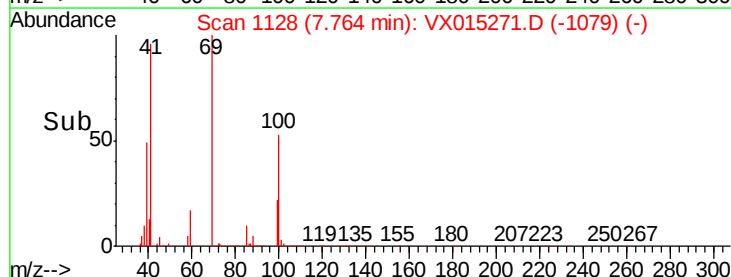
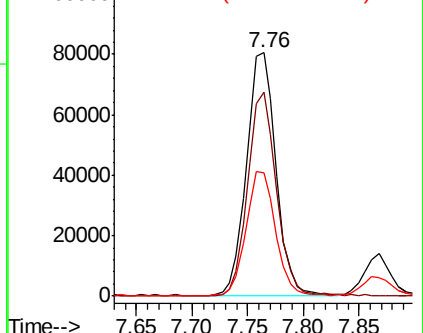
39 51.1 44.6 67.0

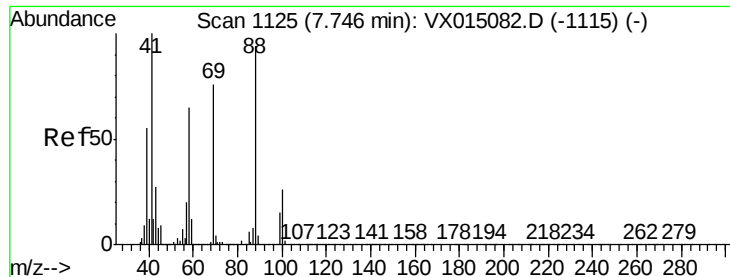


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1089.546 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

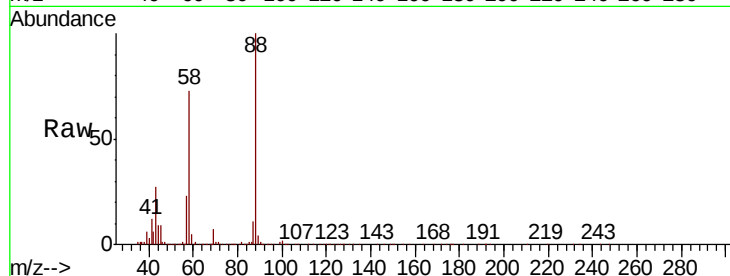
Tot Ion: 88 Resp: 65955

Ion Ratio Lower Upper

88 100

43 32.9 27.0 40.4

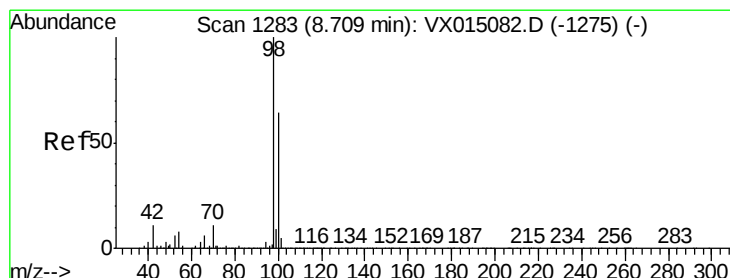
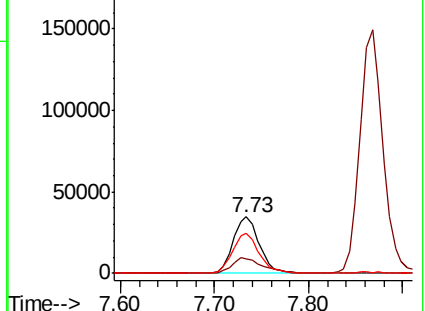
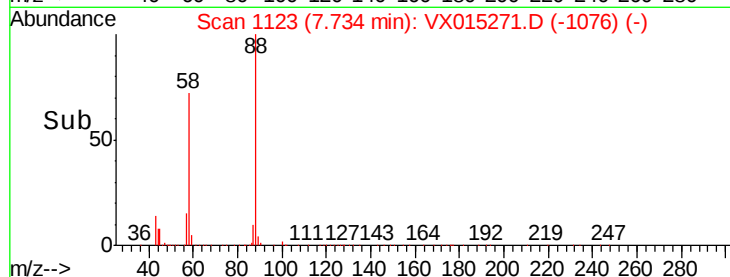
58 72.8 55.6 83.4



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: 48.336 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015271.D

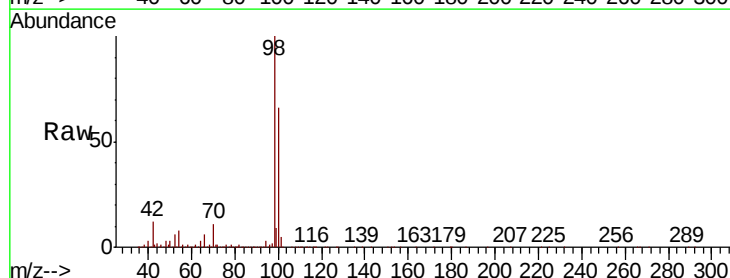
Acq: 13 Mar 2020 19:29

Tgt Ion: 98 Resp: 422966

Ion Ratio Lower Upper

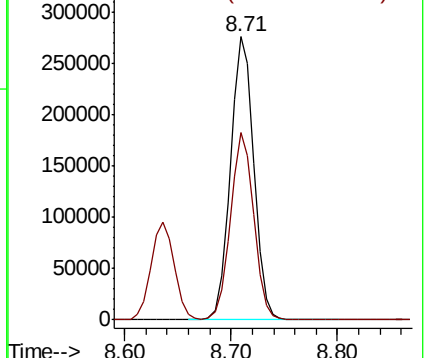
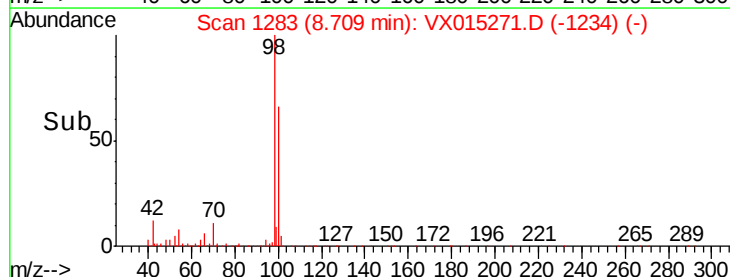
98 100

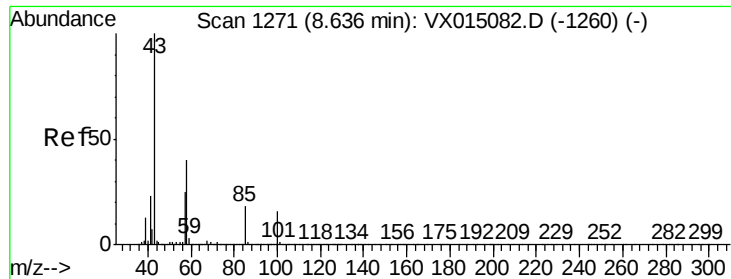
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 285.204 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

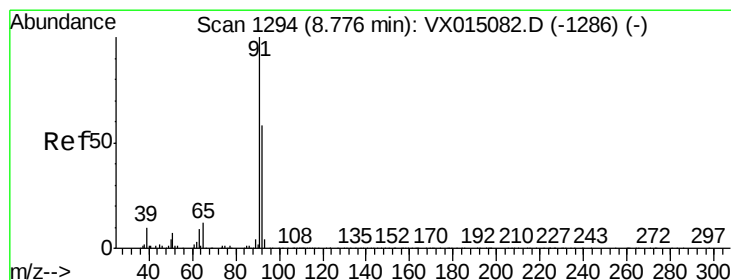
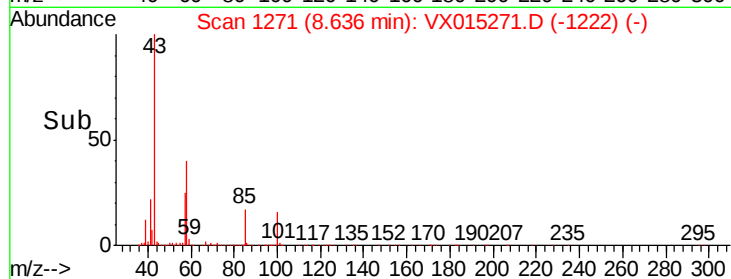
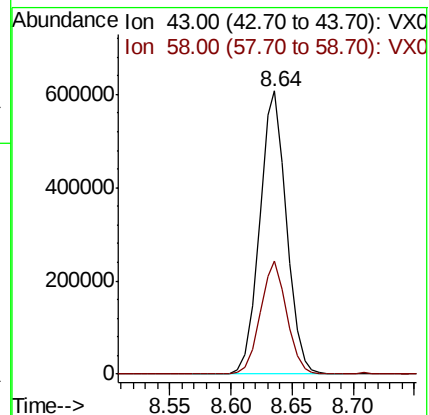
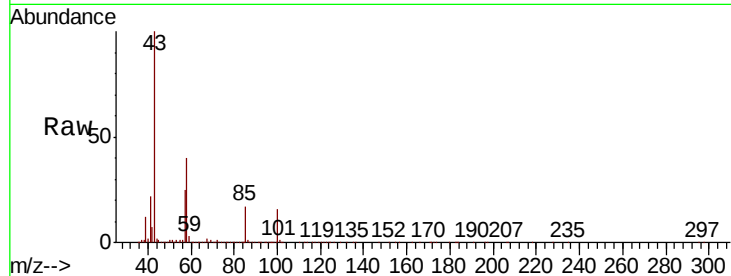
VSTDCCC050EC

Tot Ion: 43 Resp: 927618

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



#52

Toluene

Concen: 51.624 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015271.D

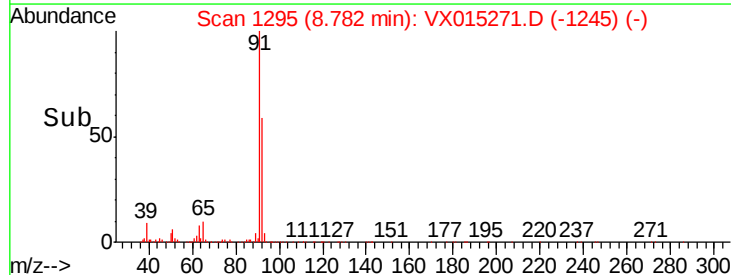
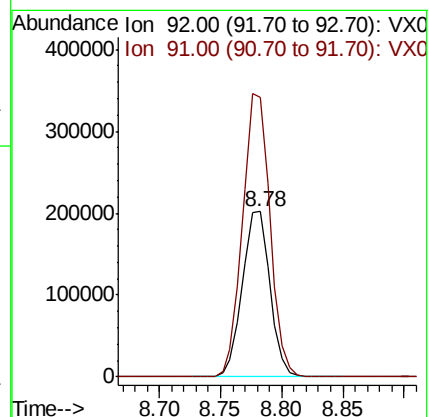
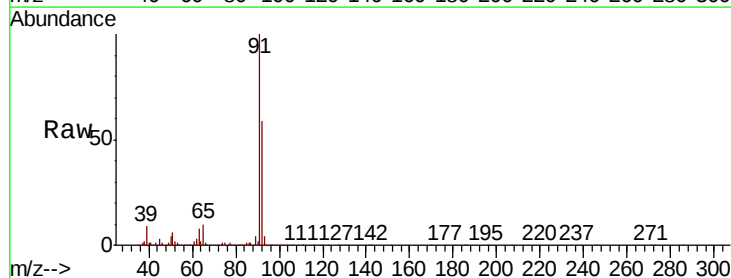
Acq: 13 Mar 2020 19:29

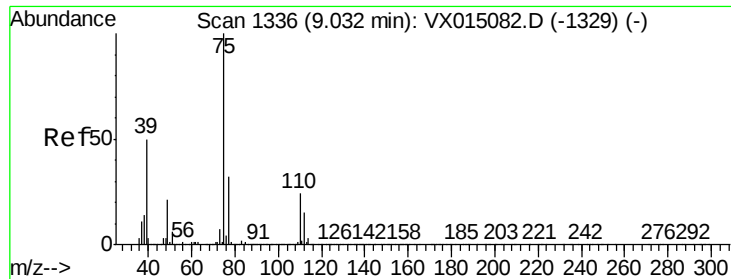
Tgt Ion: 92 Resp: 315689

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3

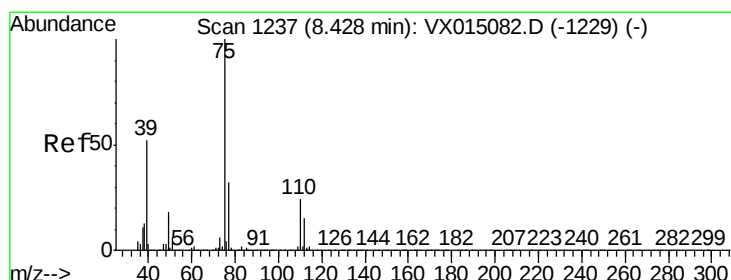
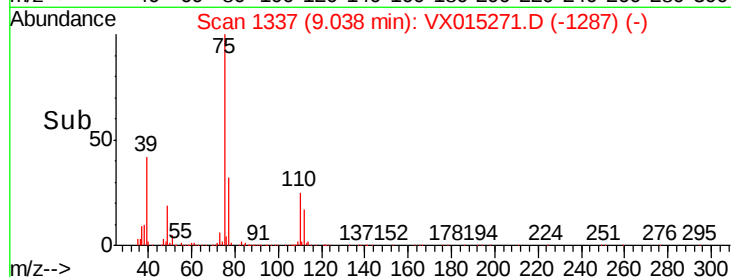
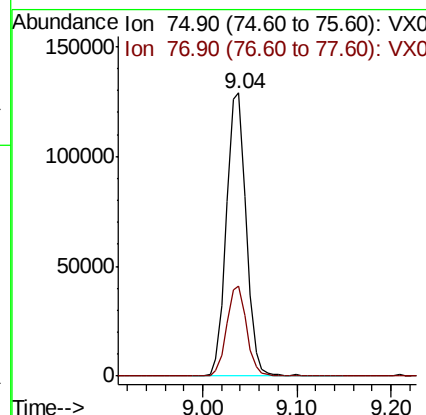
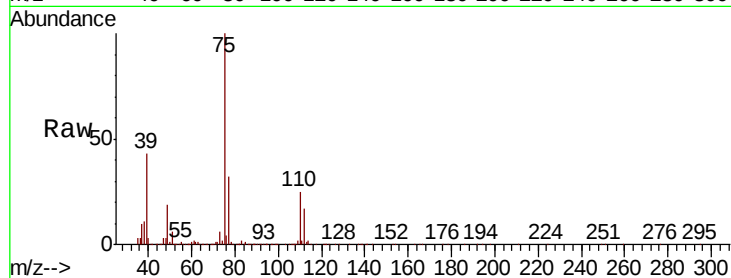




#53
 t-1,3-Dichloropropene
 Concen: 53.084 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

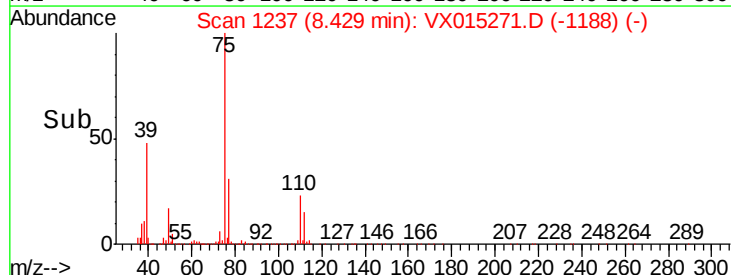
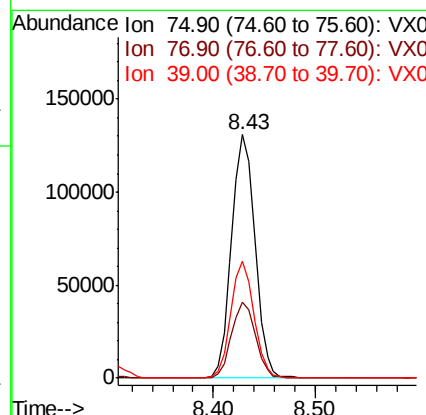
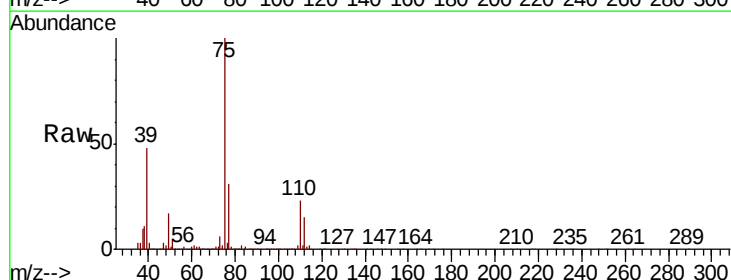
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

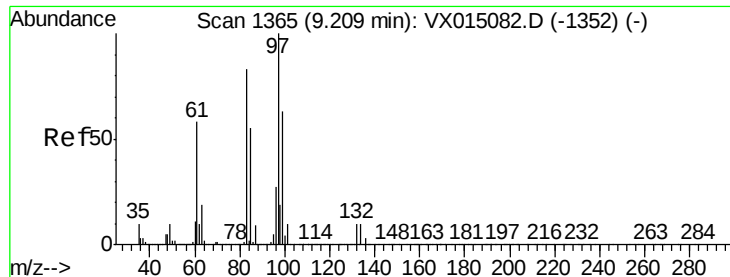
Tot Ion: 75 Resp: 188471
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.990 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 75 Resp: 208676
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6
 39 47.6 41.3 61.9

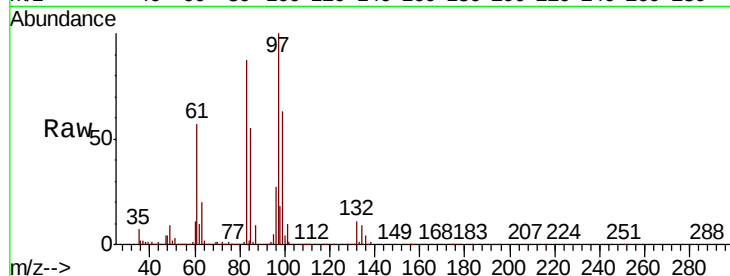




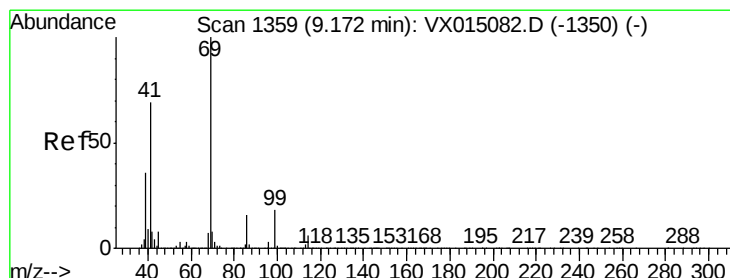
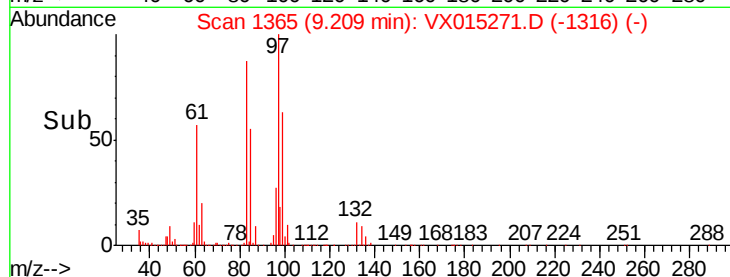
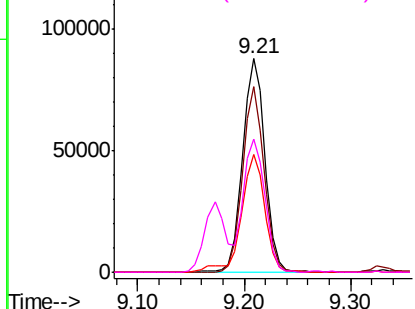
#55
 1,1,2-Trichloroethane
 Concen: 51.149 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	128741
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.4	99.6
85	54.8	43.5	65.3
99	62.4	50.7	76.1

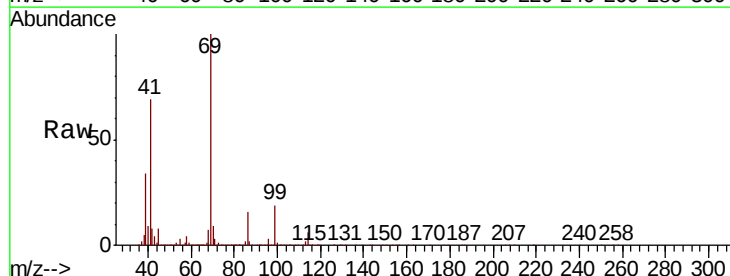


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

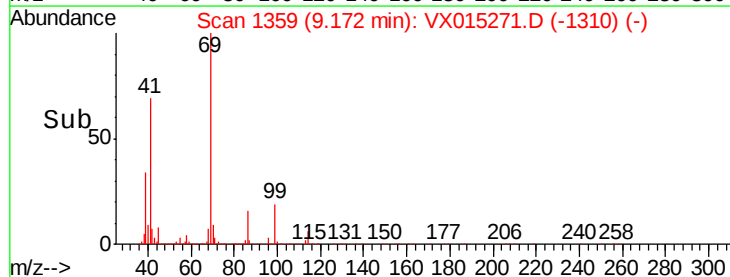
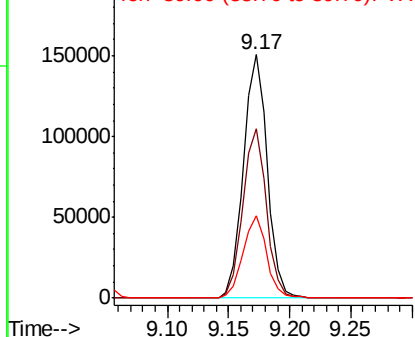


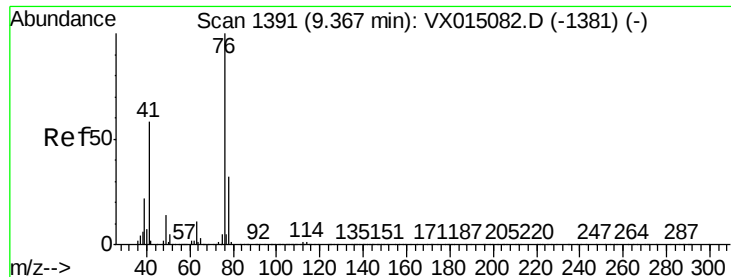
#56
 Ethyl methacrylate
 Concen: 56.675 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion:	69	Resp:	203471
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.8	83.8
39	33.0	29.4	44.2



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: 51.151 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

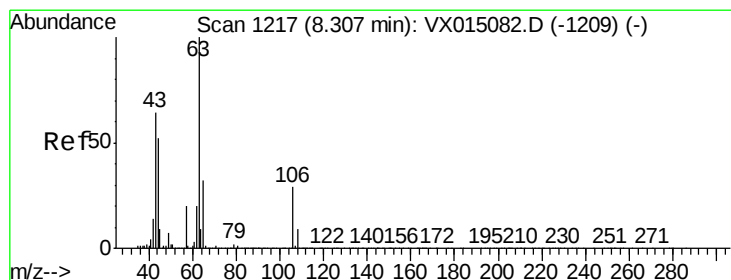
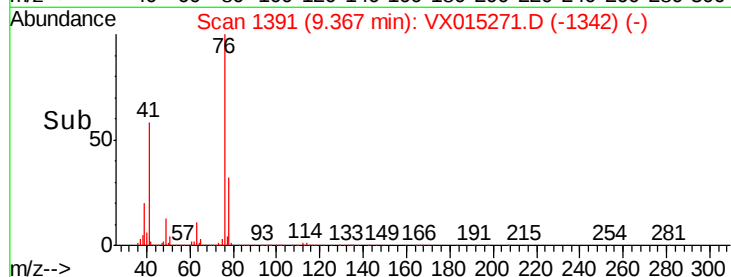
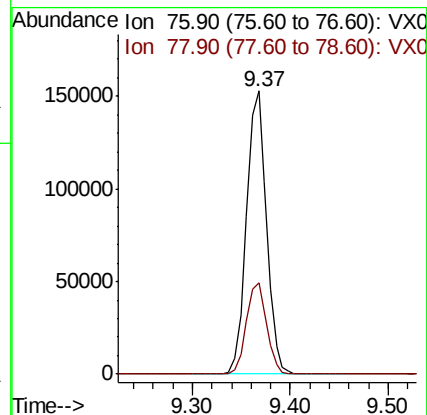
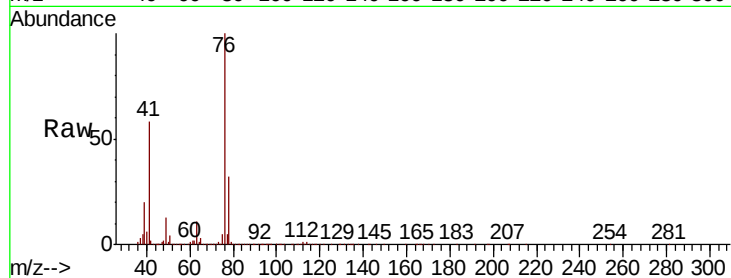
VSTDCCC050EC

Tot Ion: 76 Resp: 216600

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 264.890 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015271.D

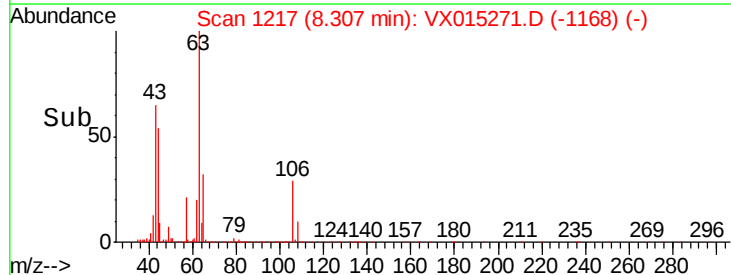
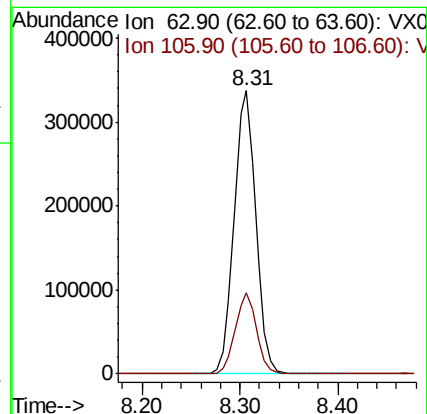
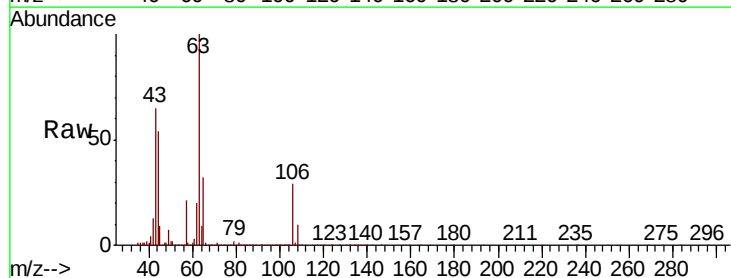
Acq: 13 Mar 2020 19:29

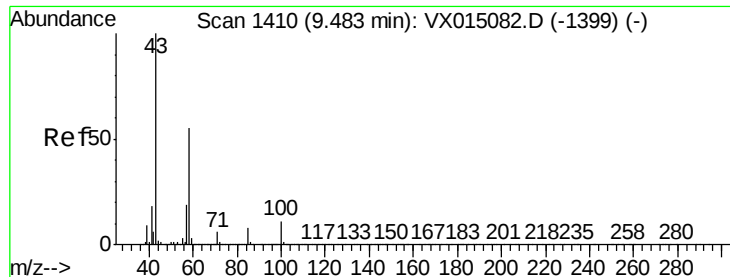
Tgt Ion: 63 Resp: 518077

Ion Ratio Lower Upper

63 100

106 28.0 22.8 34.2

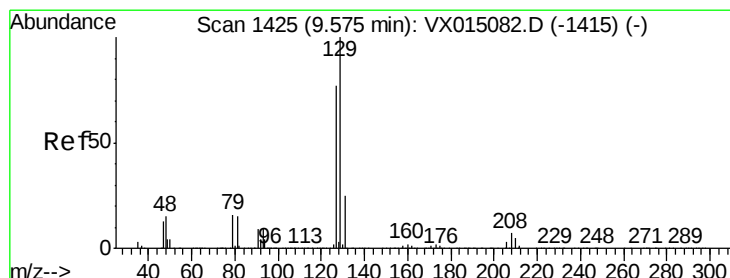
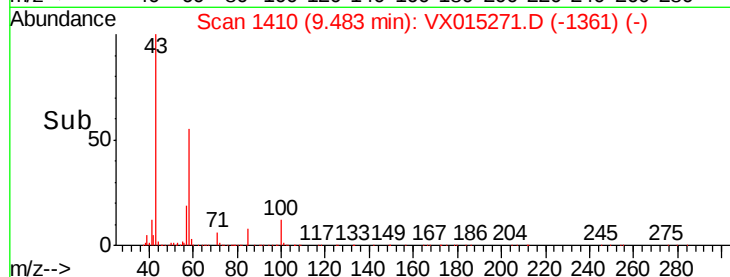
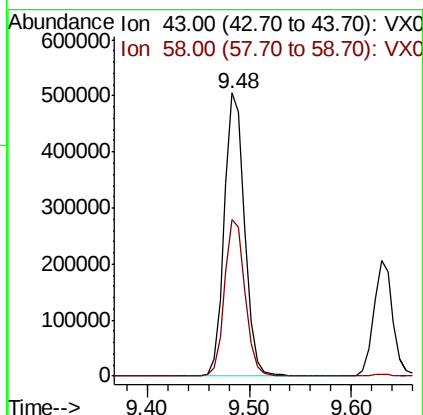
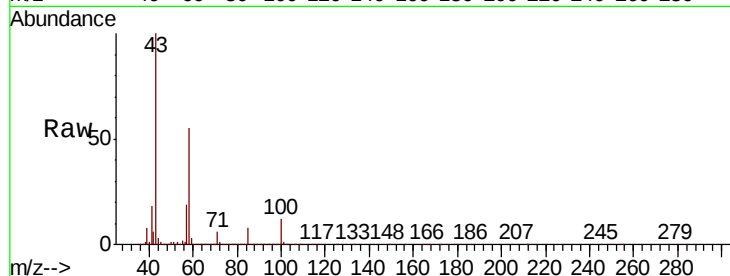




#59
2-Hexanone
Concen: 287.871 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

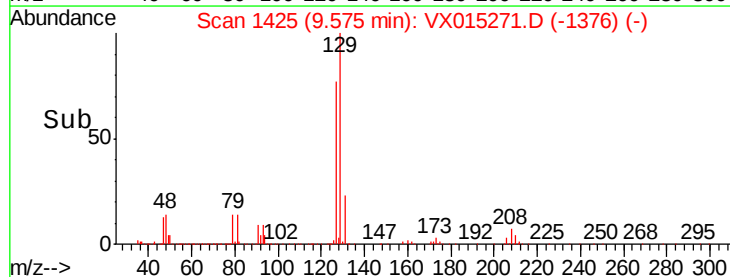
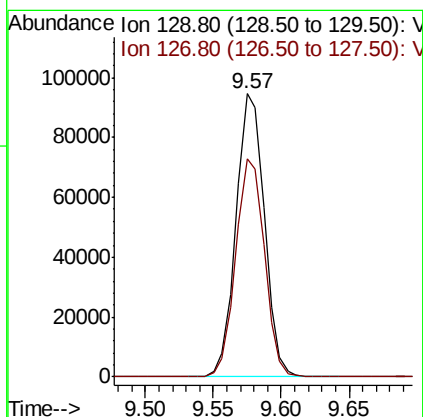
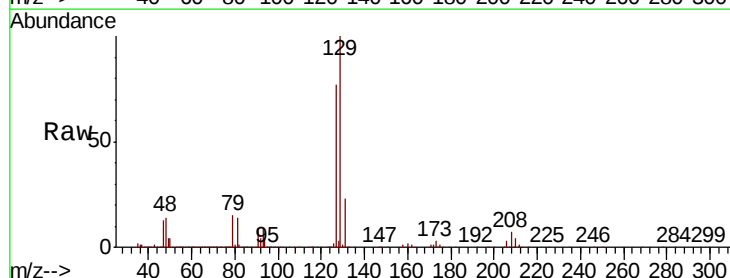
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

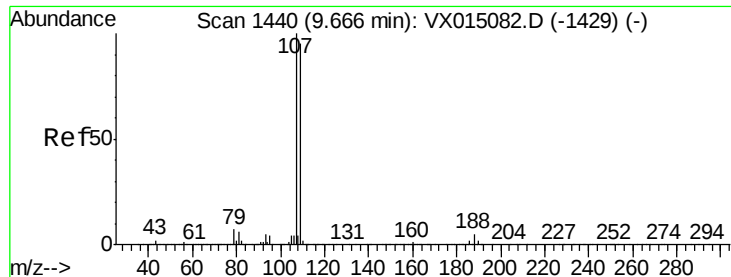
Tot Ion: 43 Resp: 693965
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 52.080 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 129 Resp: 137699
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.372 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

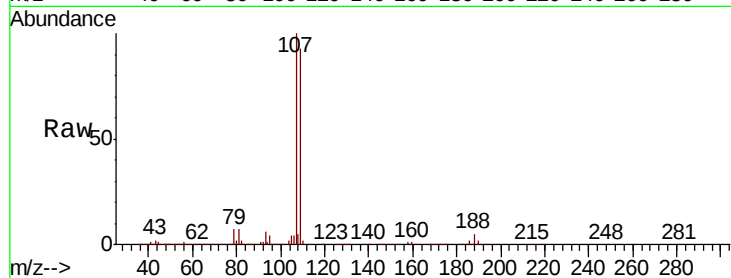
VSTDCCC050EC

Tot Ion:107 Resp: 133168

Ion Ratio Lower Upper

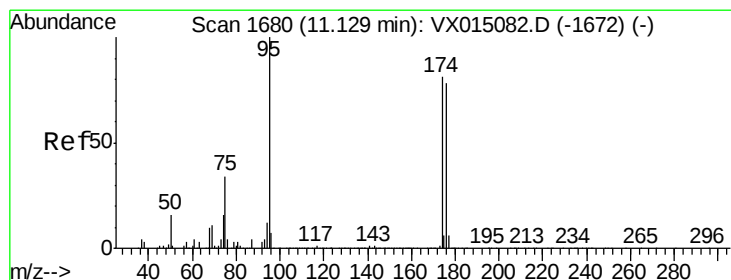
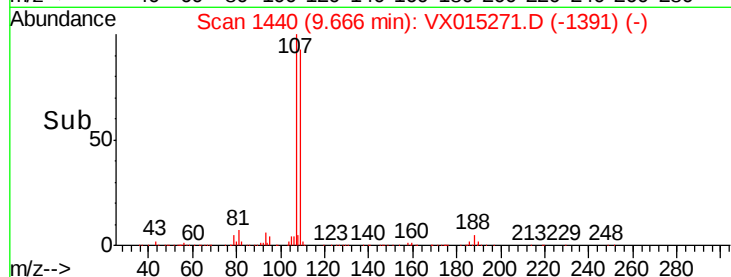
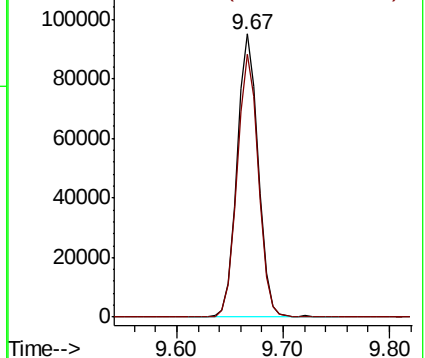
107 100

109 92.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.464 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

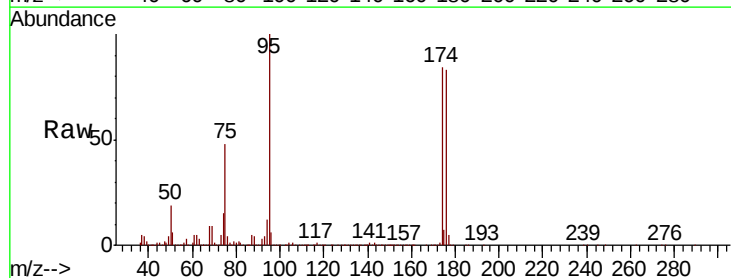
Tgt Ion: 95 Resp: 157509

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.6

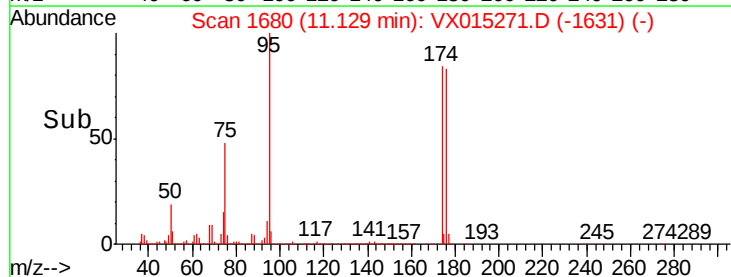
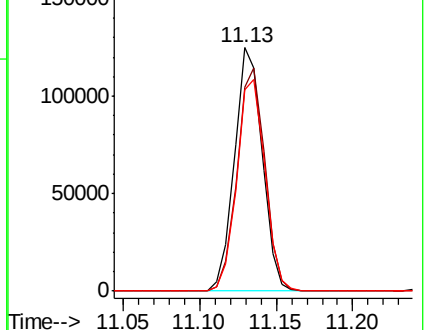
176 88.5 0.0 170.2

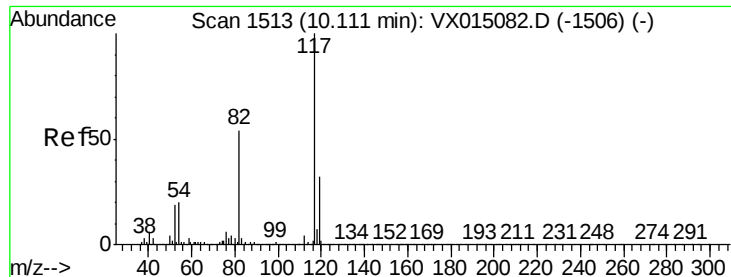


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

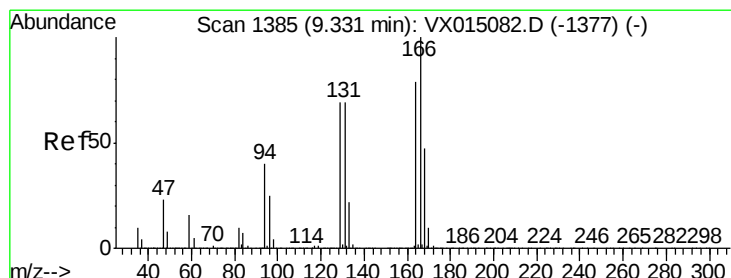
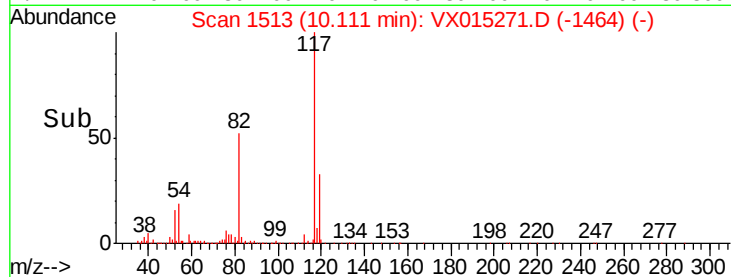
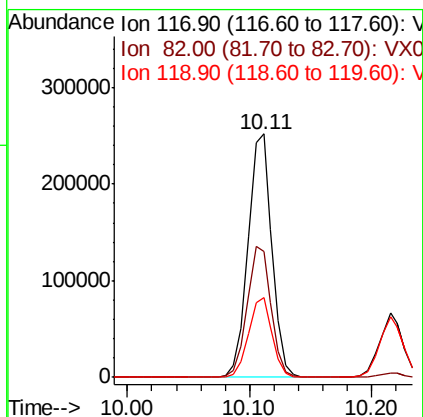
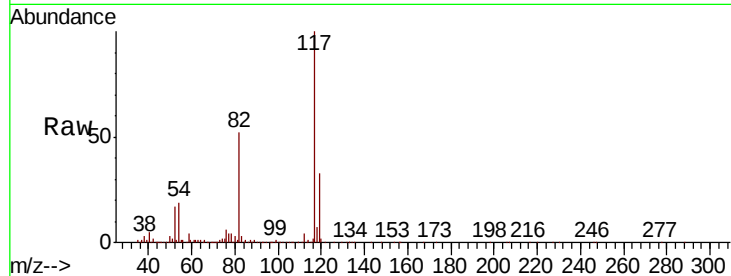




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

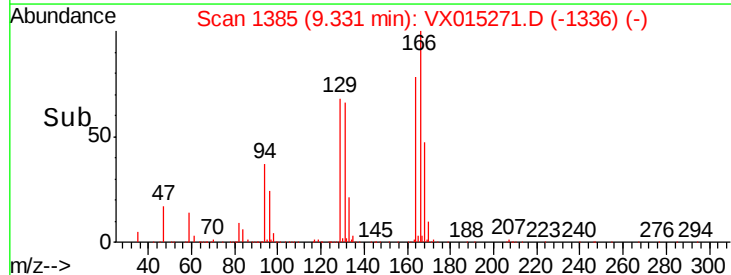
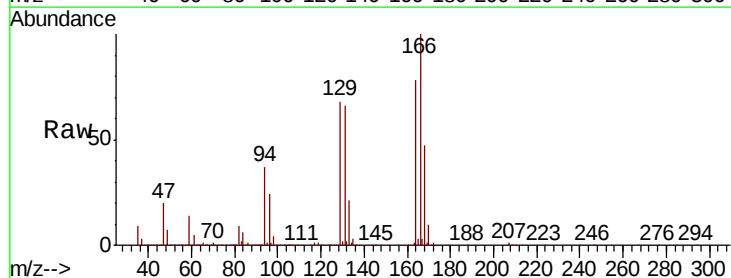
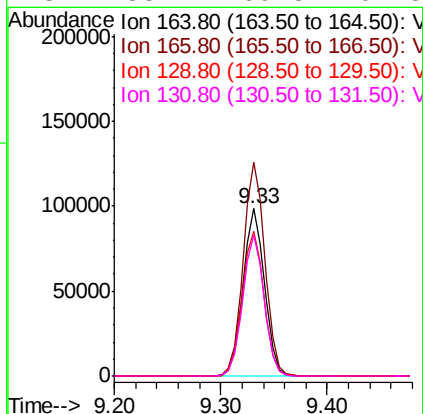
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

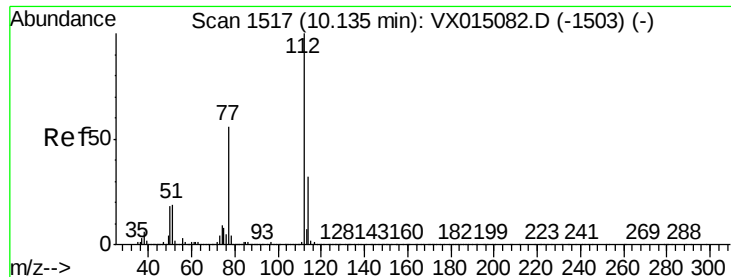
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.3	64.9
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 49.456 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.1	151.7
129	86.6	69.4	104.0
131	83.7	69.8	104.8

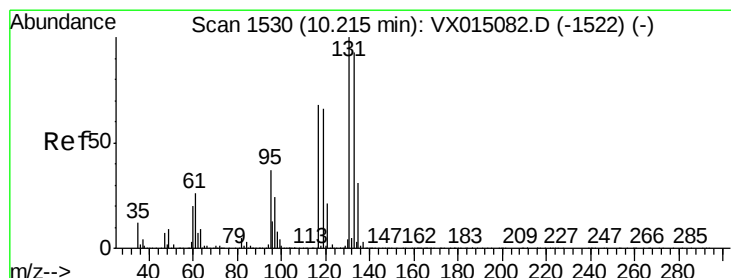
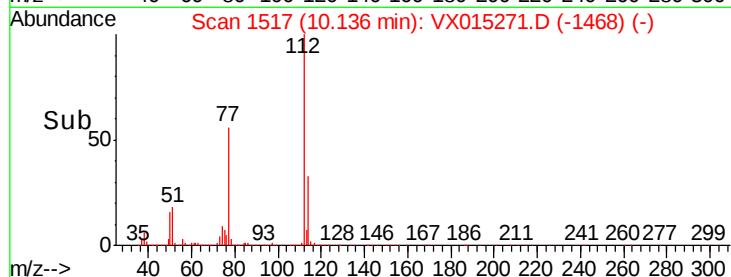
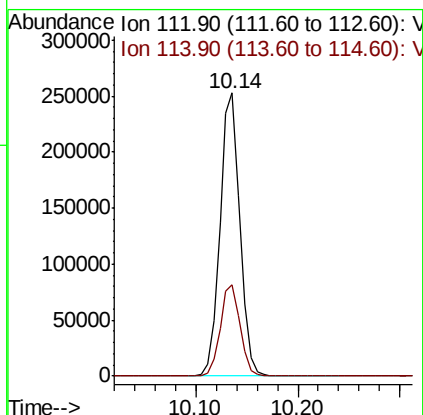
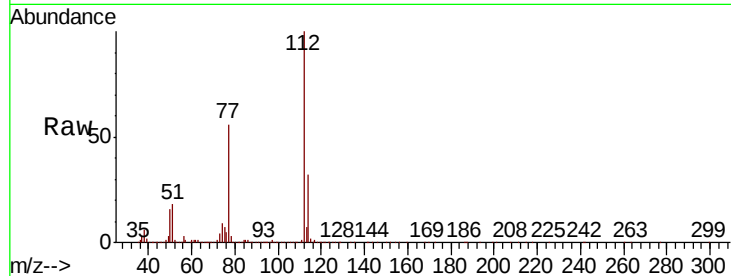




#65
Chlorobenzene
Concen: 49.963 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

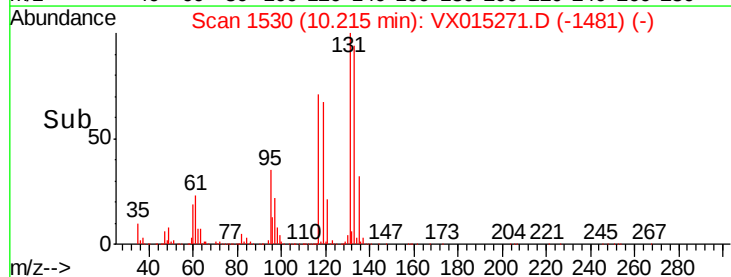
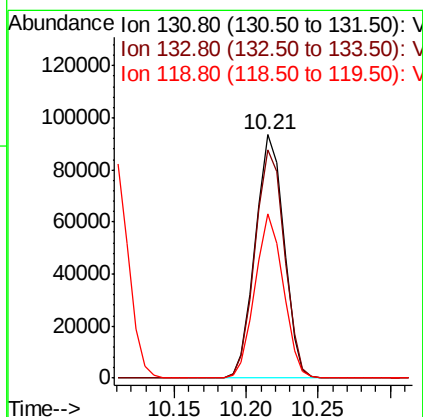
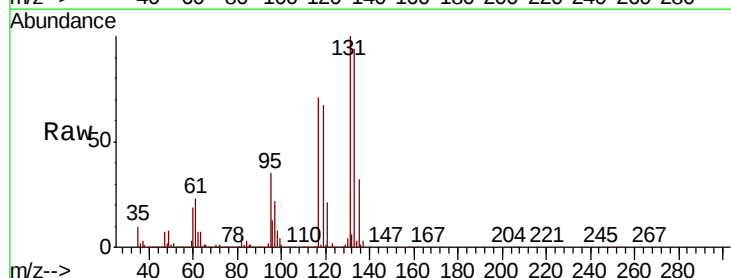
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

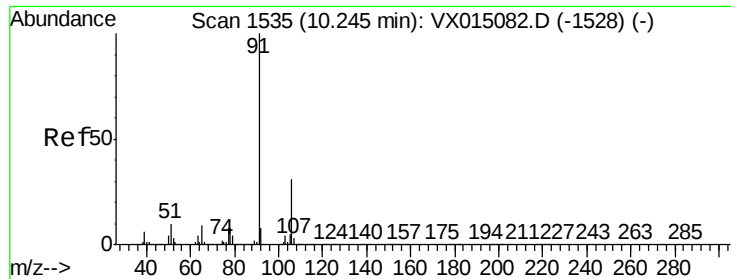
Tot Ion:112 Resp: 342763
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.783 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion:131 Resp: 128781
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 66.0 33.4 100.1





#67

Ethyl Benzene

Concen: 51.616 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

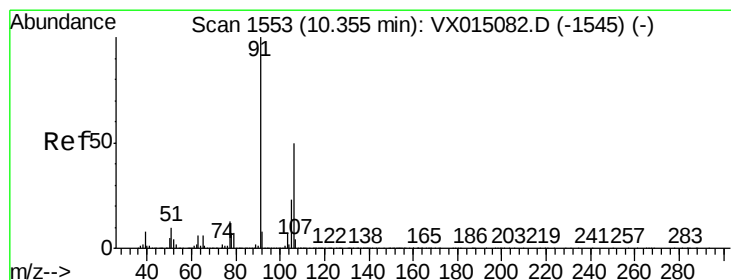
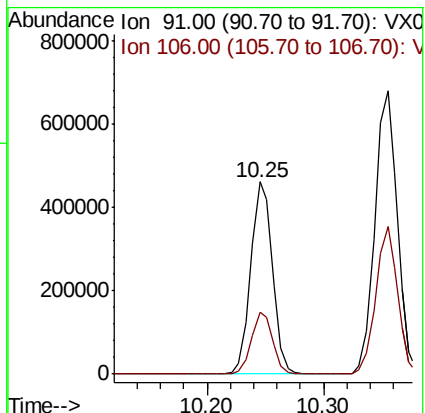
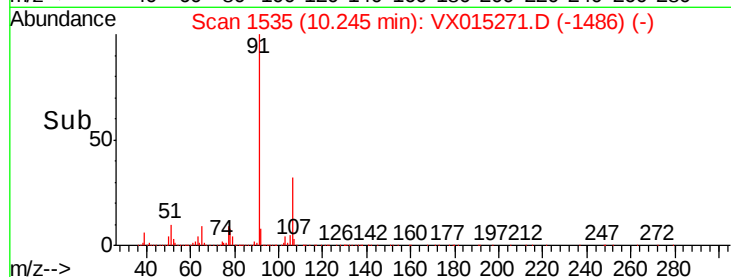
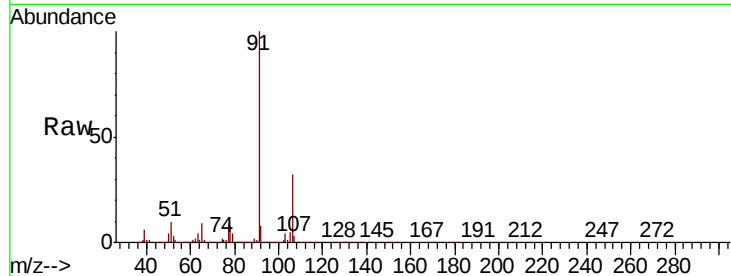
VSTDCCC050EC

Tot Ion: 91 Resp: 601305

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 103.986 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015271.D

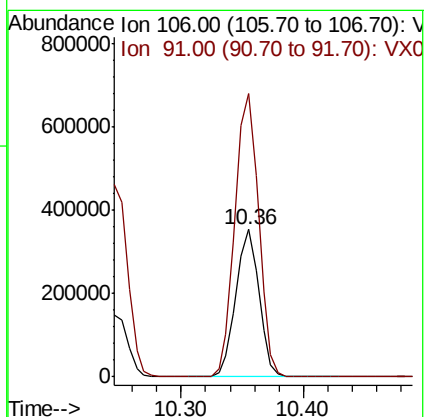
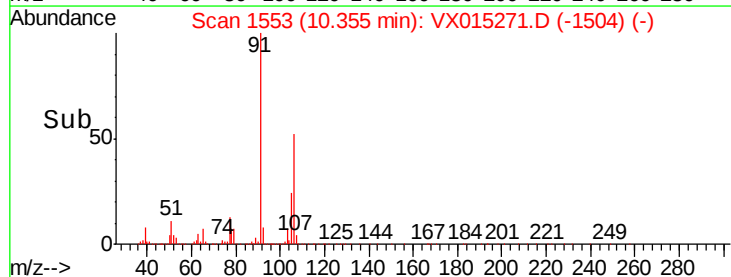
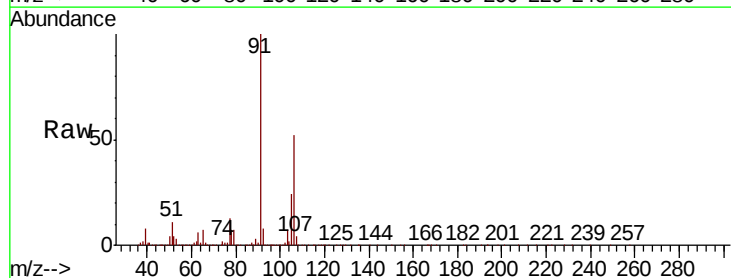
Acq: 13 Mar 2020 19:29

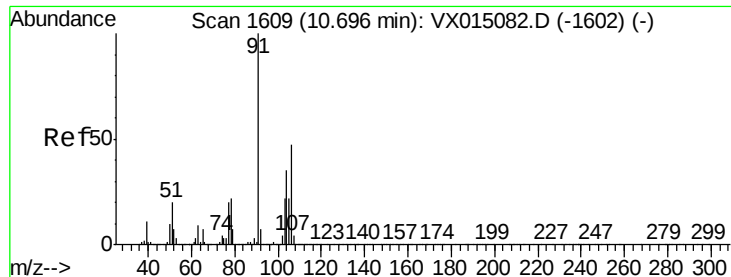
Tgt Ion: 106 Resp: 460890

Ion Ratio Lower Upper

106 100

91 197.7 159.4 239.2

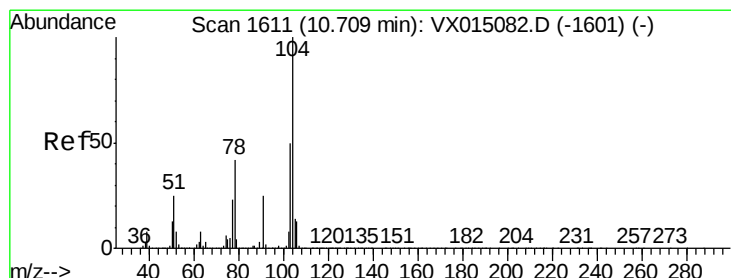
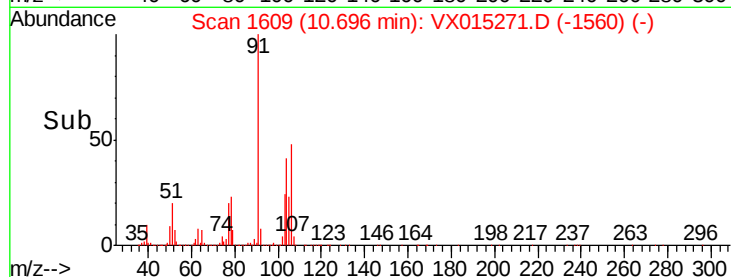
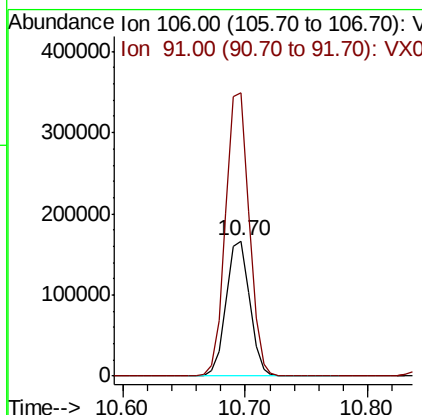
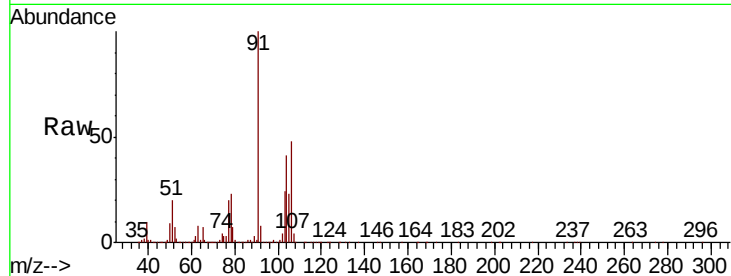




#69
o-Xylene
Concen: 52.247 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

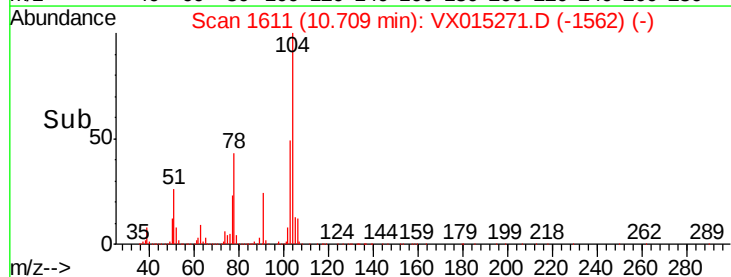
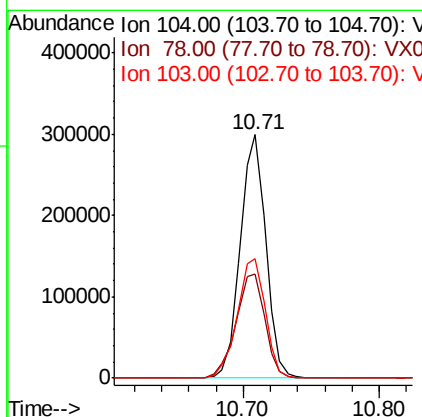
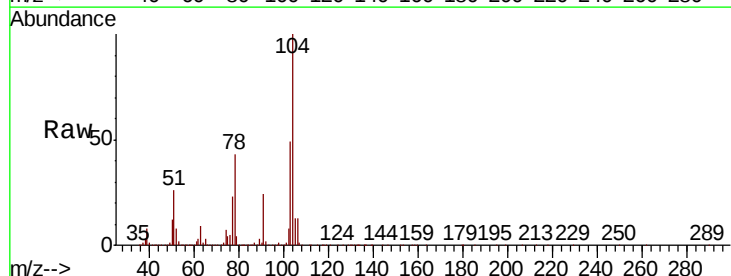
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

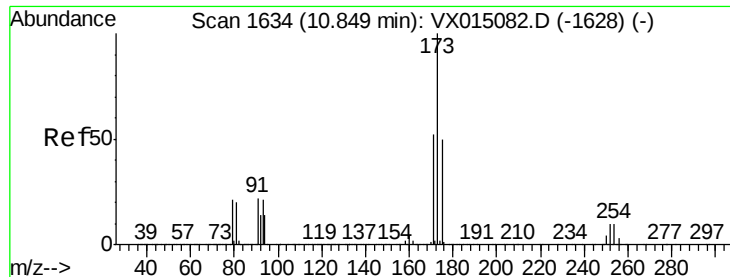
Tot Ion:106 Resp: 221715
Ion Ratio Lower Upper
106 100
91 209.8 105.4 316.1



#70
Styrene
Concen: 53.969 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion:104 Resp: 392679
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.8 43.7 65.5

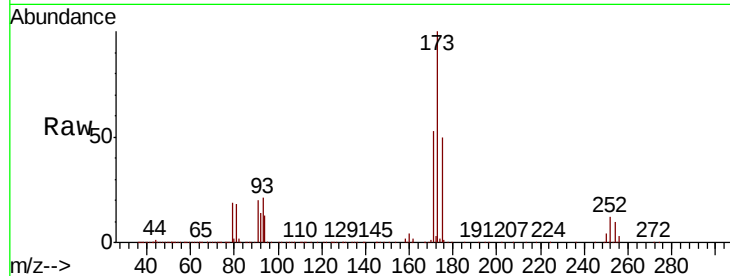




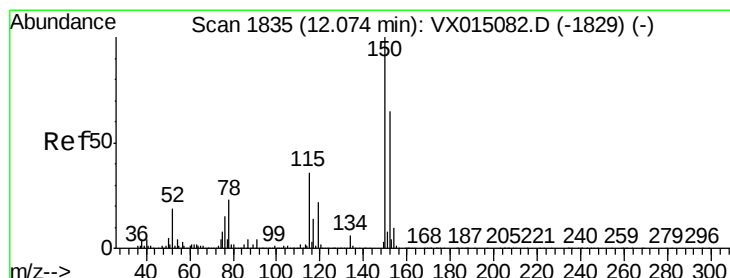
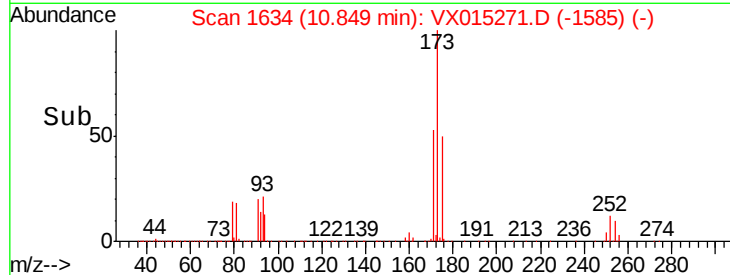
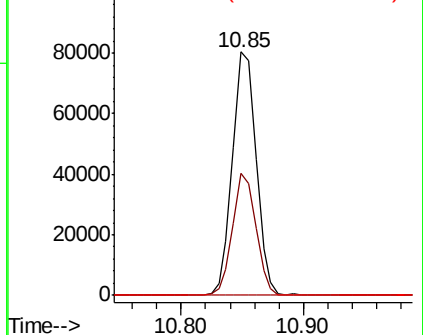
#71
Bromoform
Concen: 53.929 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 108181
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.2 0.2 0.2

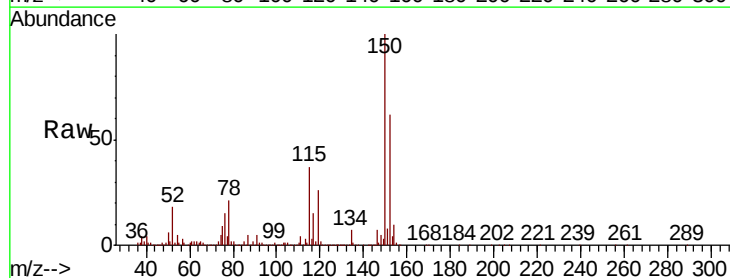


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

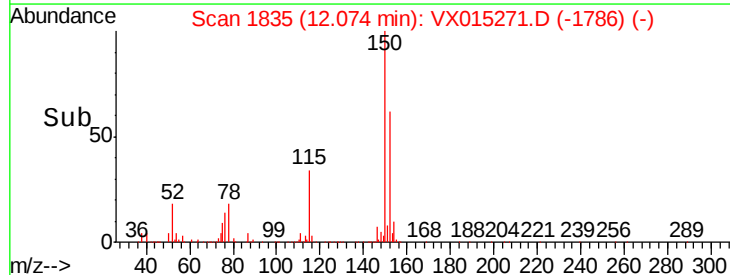
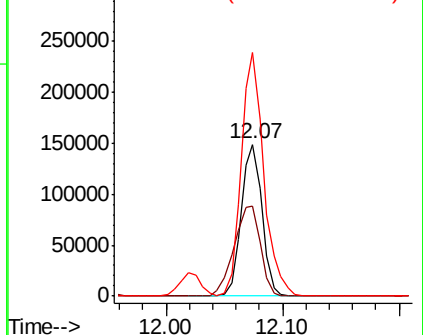


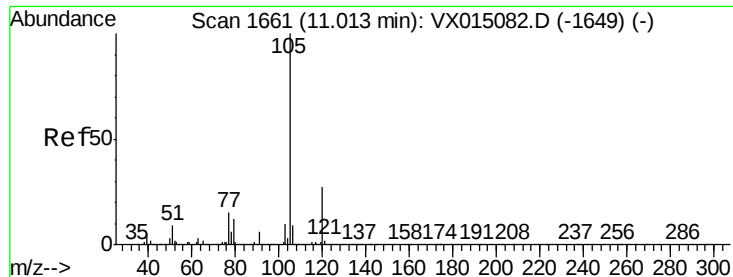
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion:152 Resp: 185713
Ion Ratio Lower Upper
152 100
115 74.8 38.2 114.6
150 173.1 0.0 343.8



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: 50.081 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

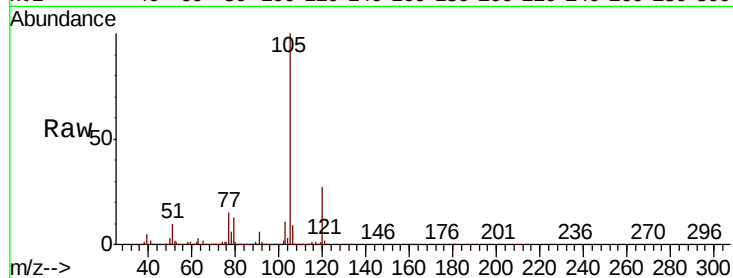
VSTDCCC050EC

Tot Ion:105 Resp: 594140

Ion Ratio Lower Upper

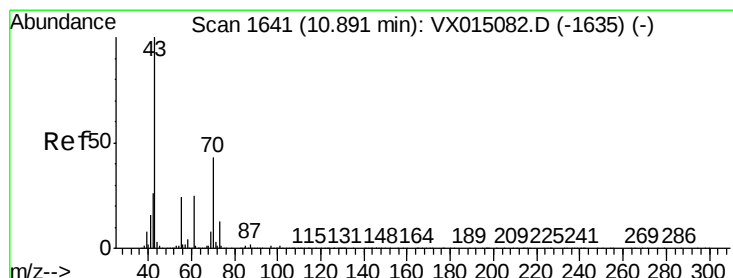
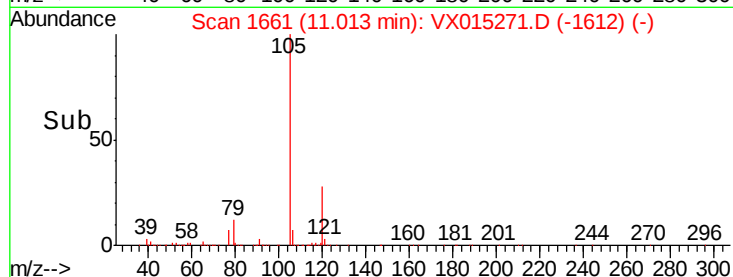
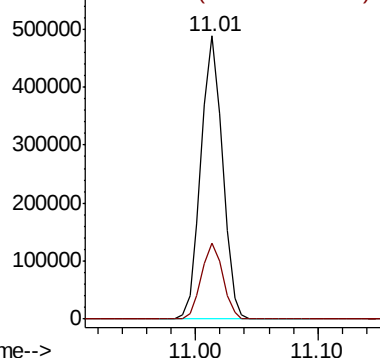
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.301 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion: 43 Resp: 261488

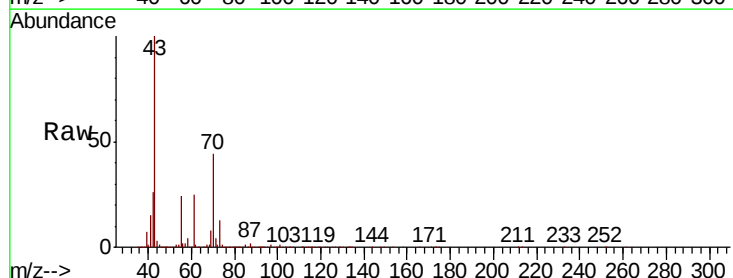
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.2 19.4 29.0

61 24.7 19.0 28.6

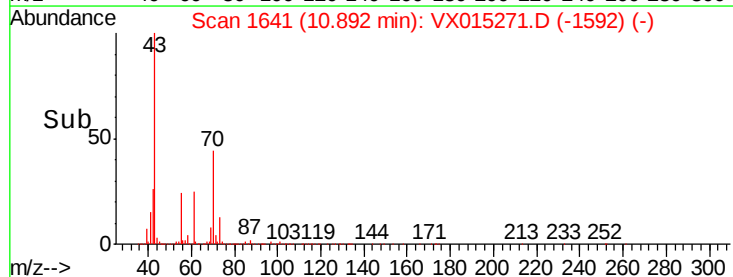
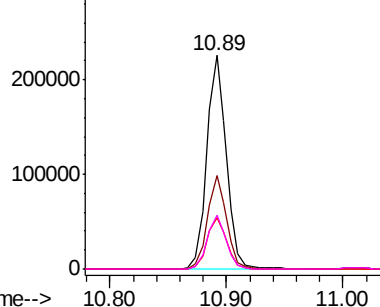


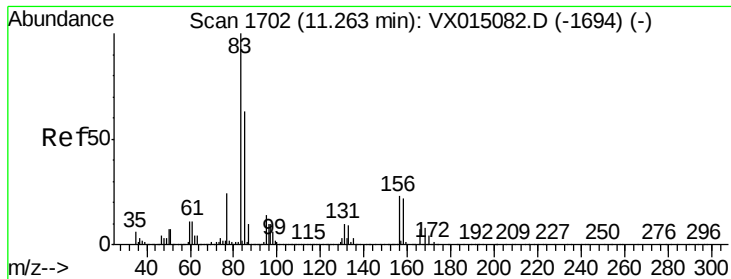
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.764 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

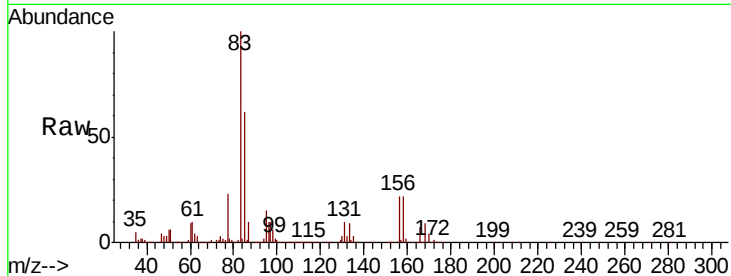
Tot Ion: 83 Resp: 192796

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

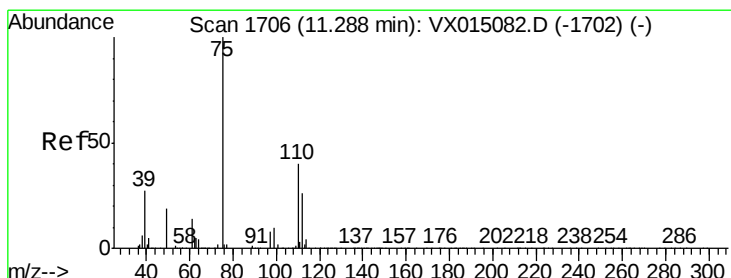
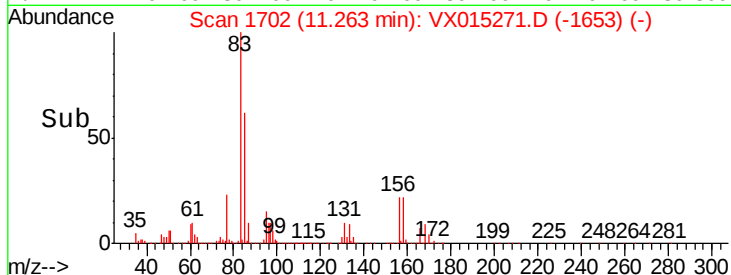
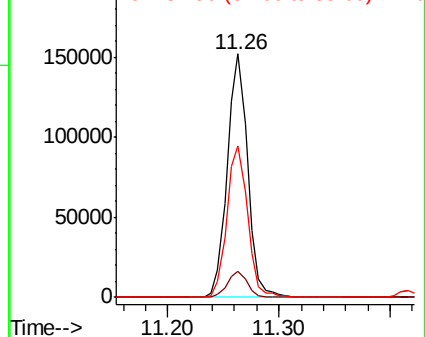
85 63.0 31.9 95.9



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: 60.239 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015271.D

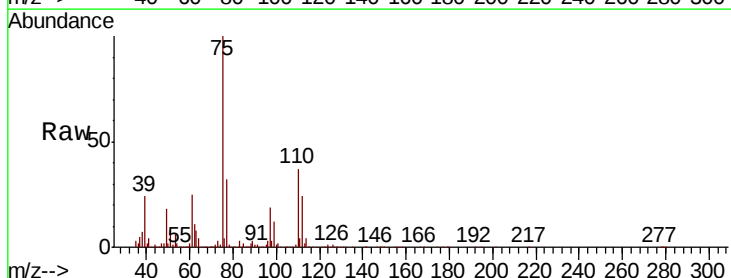
Acq: 13 Mar 2020 19:29

Tgt Ion: 75 Resp: 223151

Ion Ratio Lower Upper

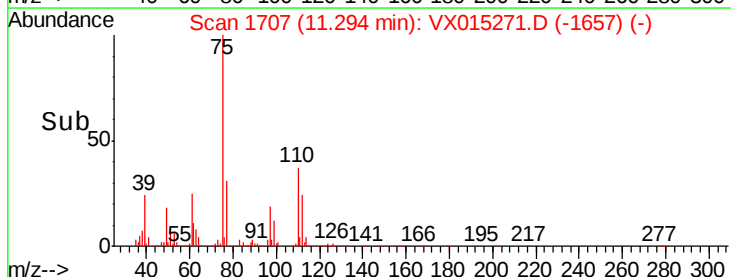
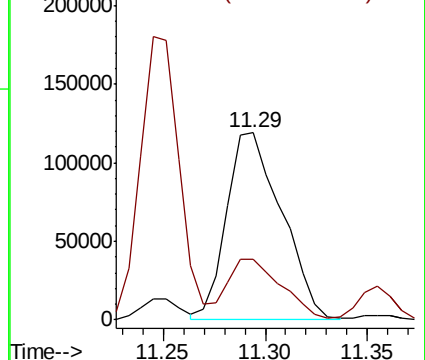
75 100

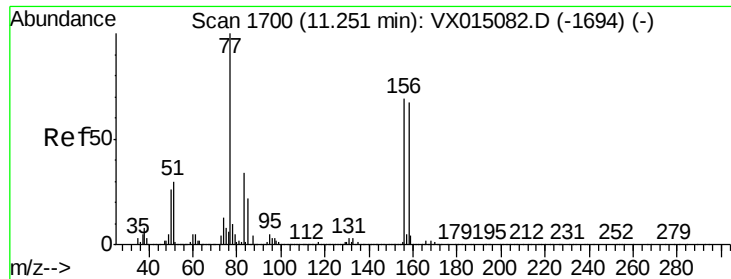
77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.411 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

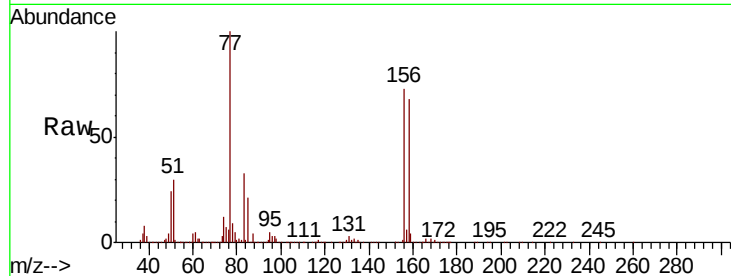
Tot Ion:156 Resp: 160056

Ion Ratio Lower Upper

156 100

77 147.9 75.3 225.9

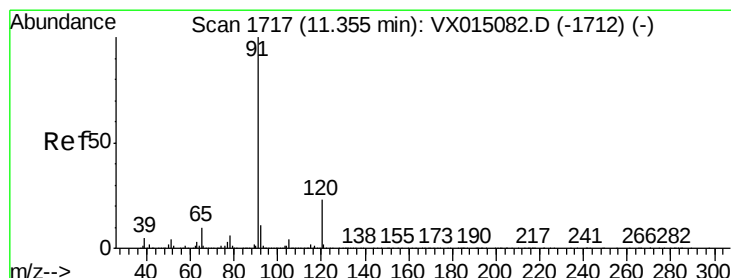
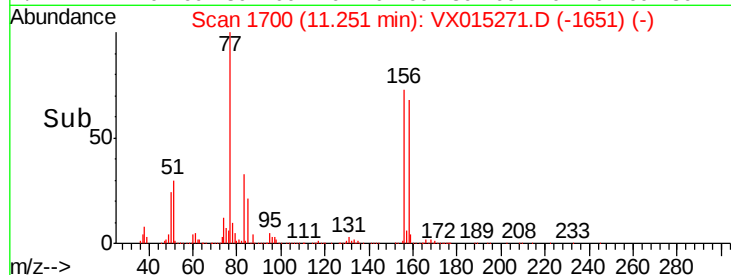
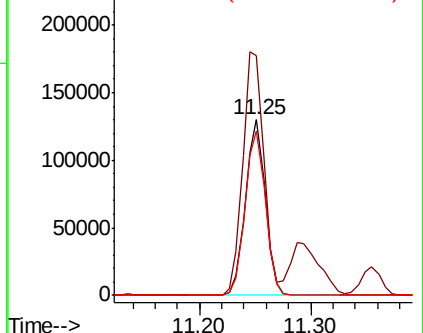
158 96.3 48.5 145.6



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: 50.002 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015271.D

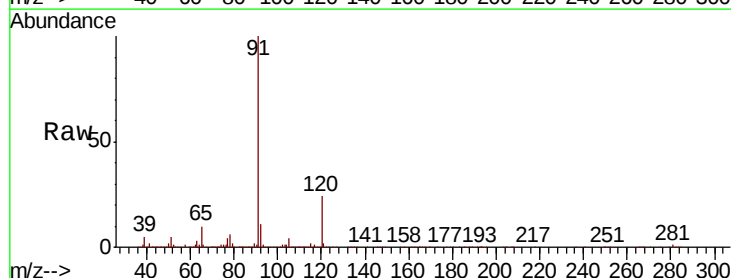
Acq: 13 Mar 2020 19:29

Tgt Ion: 91 Resp: 677706

Ion Ratio Lower Upper

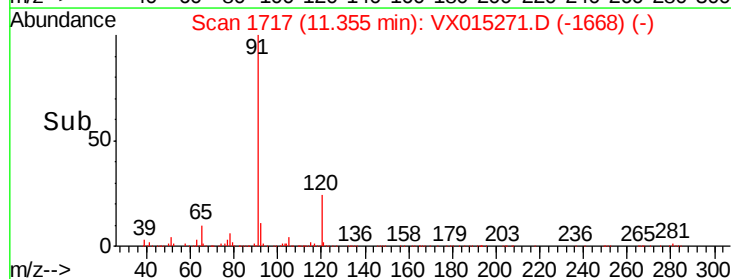
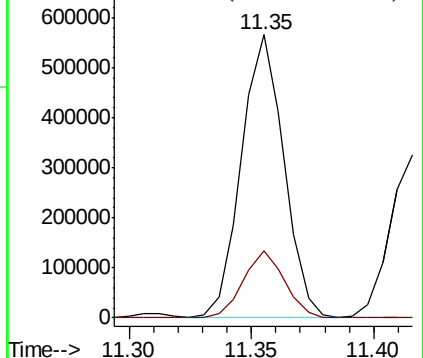
91 100

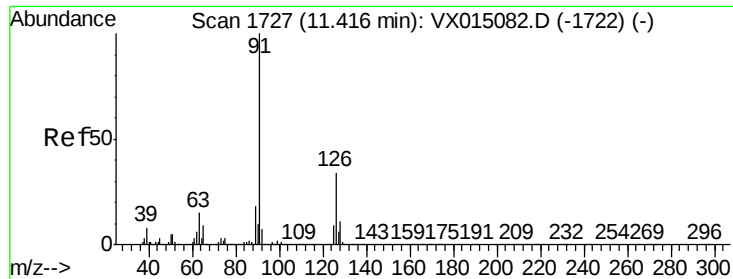
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

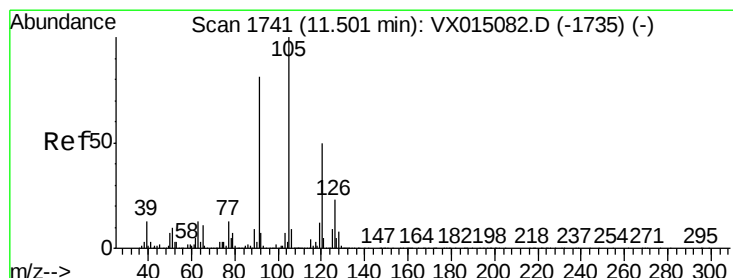
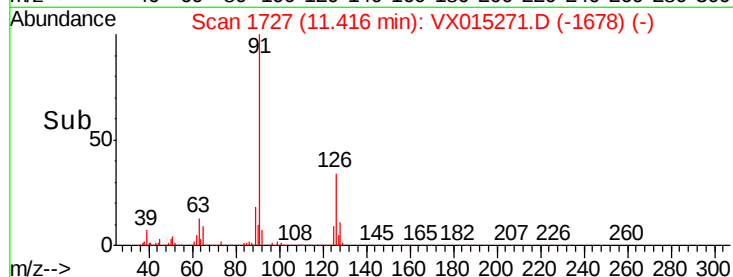
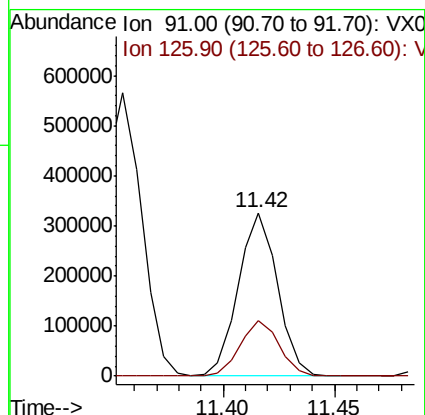
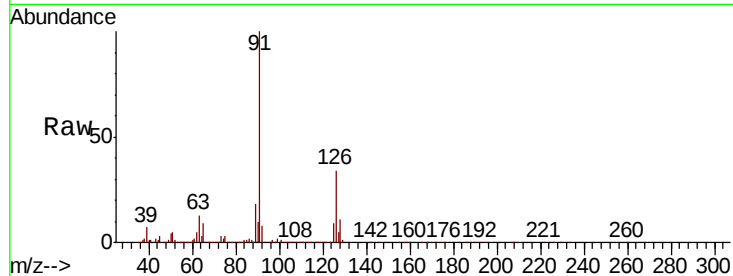




#79
 2-Chlorotoluene
 Concen: 49.193 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

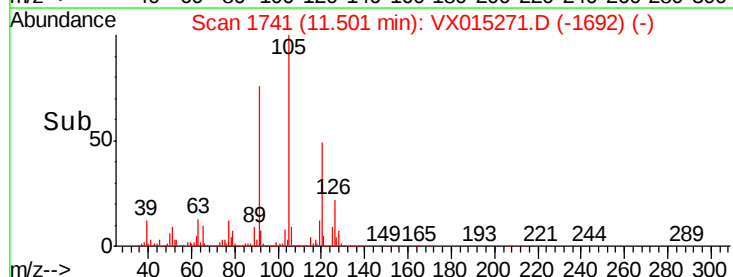
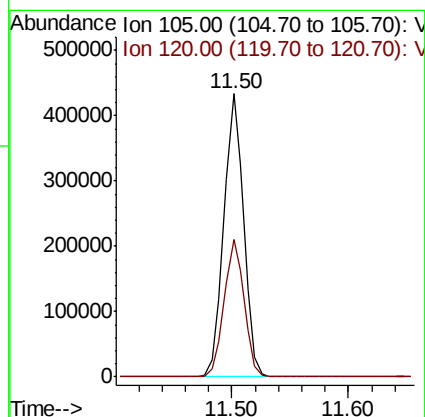
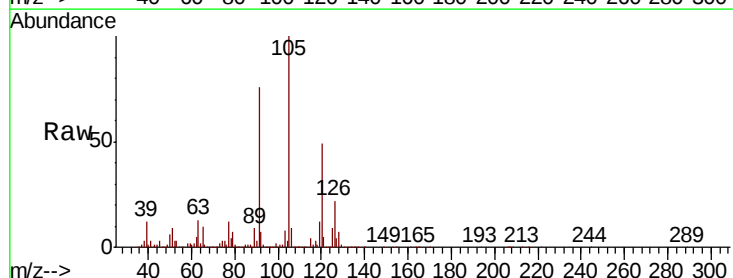
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

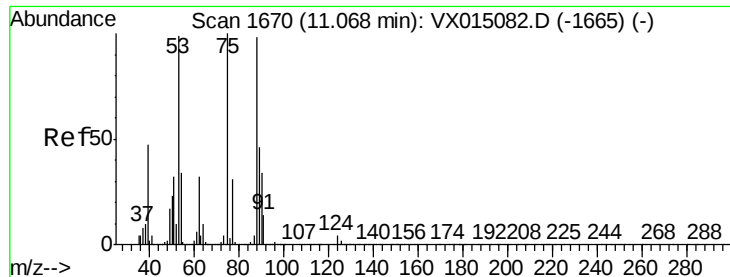
Tot Ion: 91 Resp: 398178
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.152 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 105 Resp: 505173
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.1 75.4

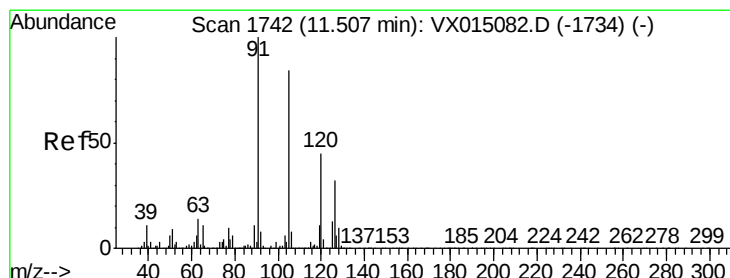
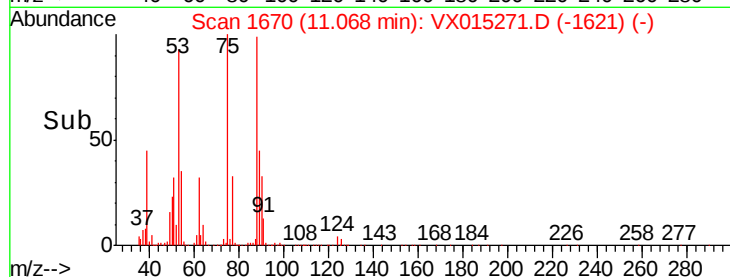
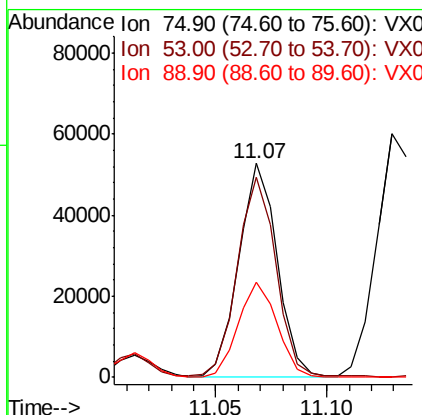
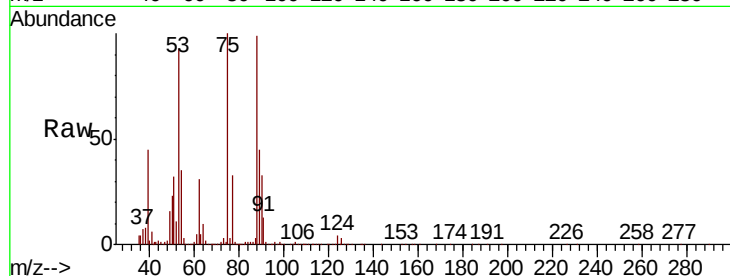




#81
trans-1,4-Dichloro-2-butene
Concen: 48.731 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

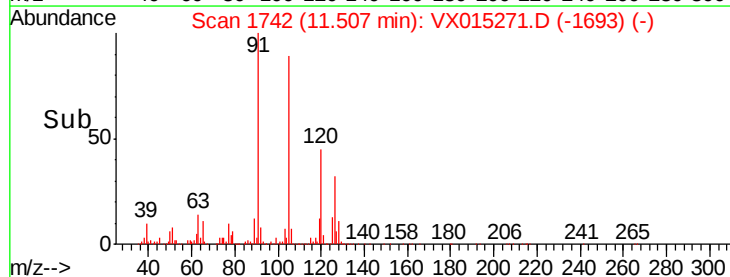
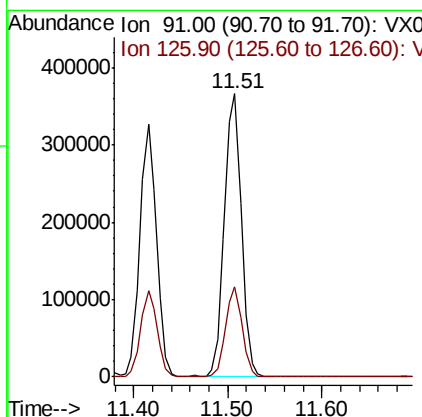
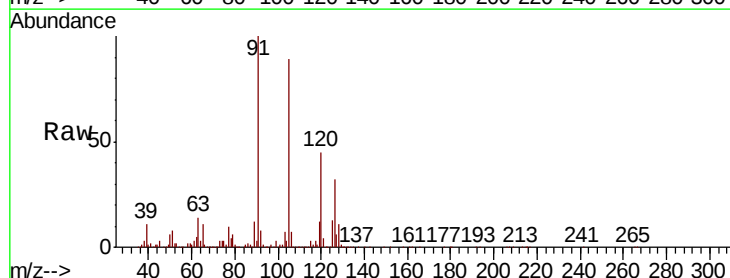
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 63608
Ion Ratio Lower Upper
75 100
53 93.5 77.9 116.9
89 45.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 48.304 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion: 91 Resp: 461915
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2





#83

tert-Butylbenzene

Concen: 50.938 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

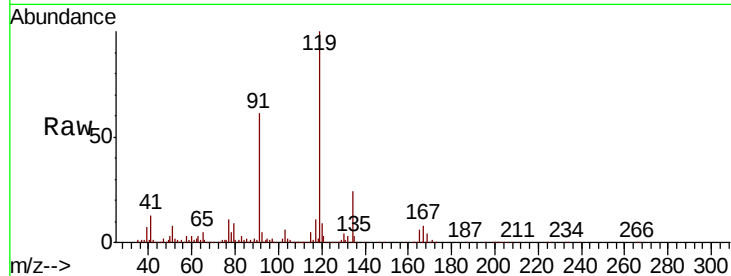
Tot Ion:119 Resp: 486418

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

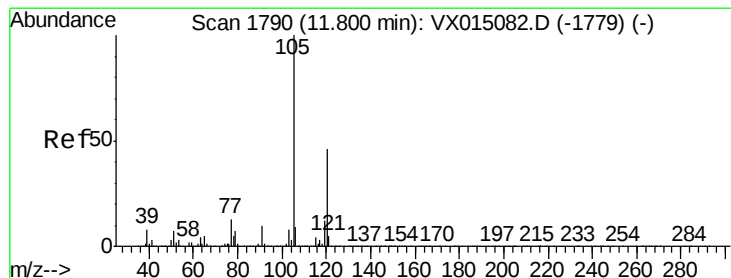
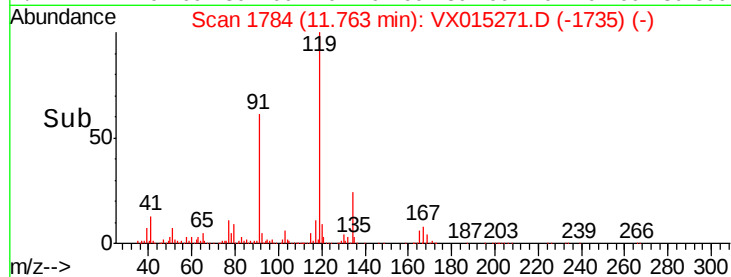
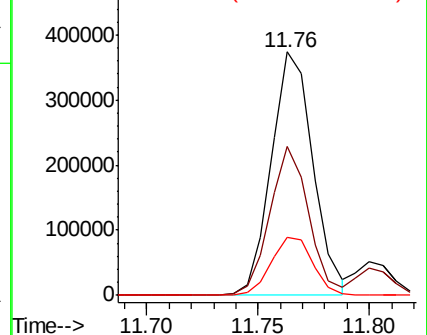
134 24.0 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.481 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015271.D

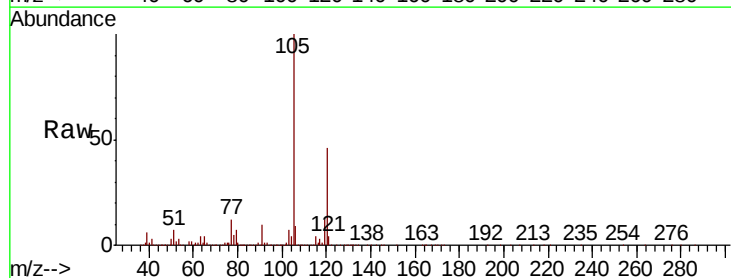
Acq: 13 Mar 2020 19:29

Tgt Ion:105 Resp: 500835

Ion Ratio Lower Upper

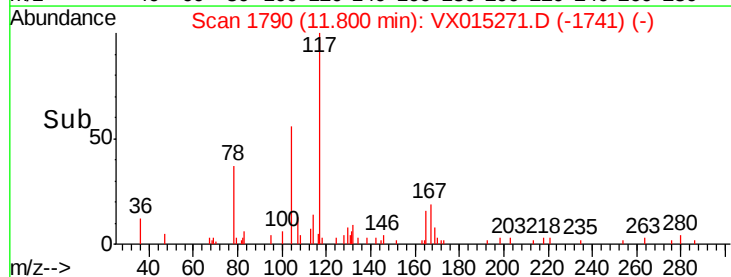
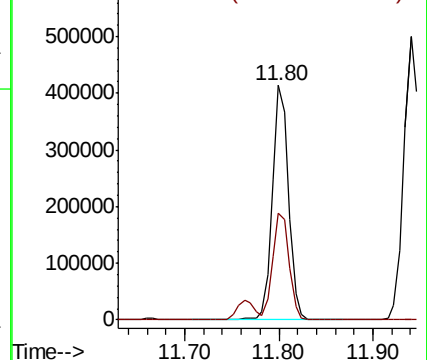
105 100

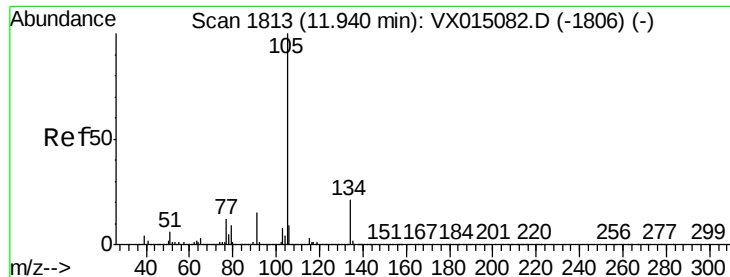
120 46.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

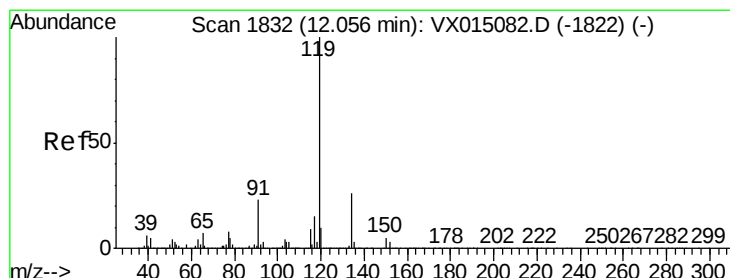
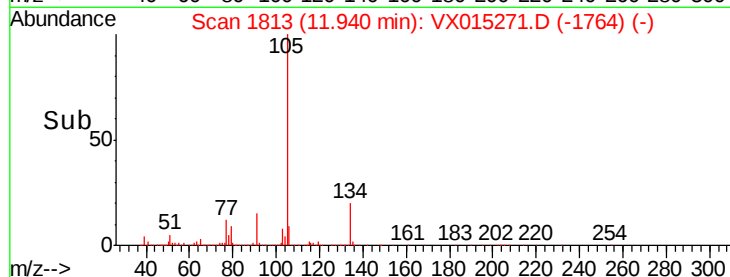
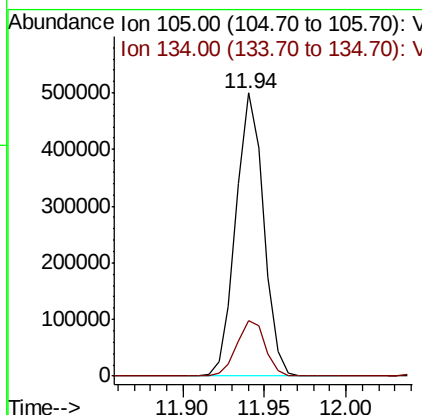
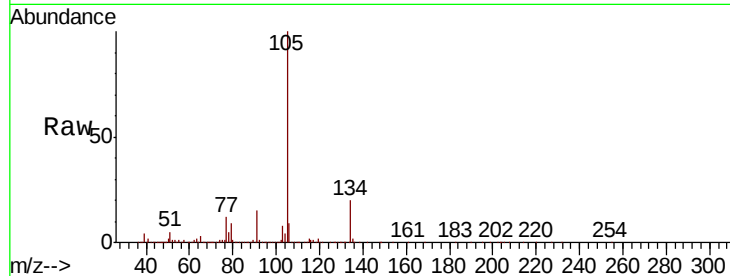




#85
 sec-Butylbenzene
 Concen: 51.300 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

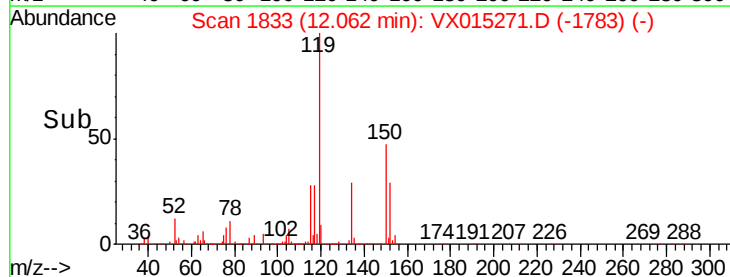
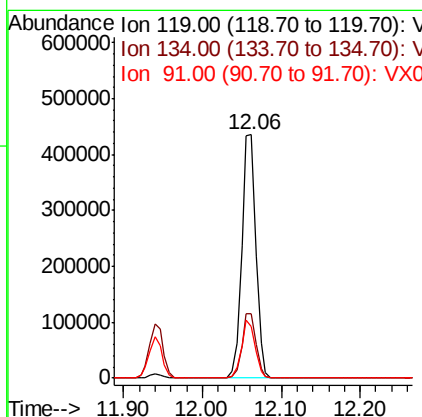
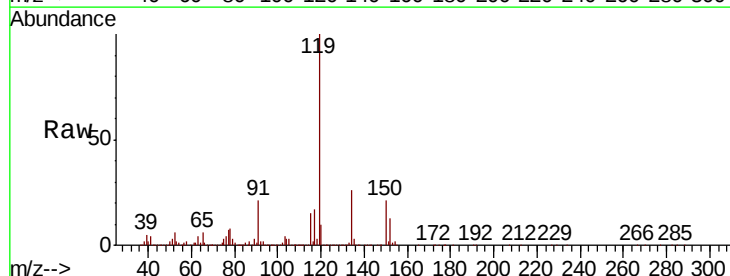
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

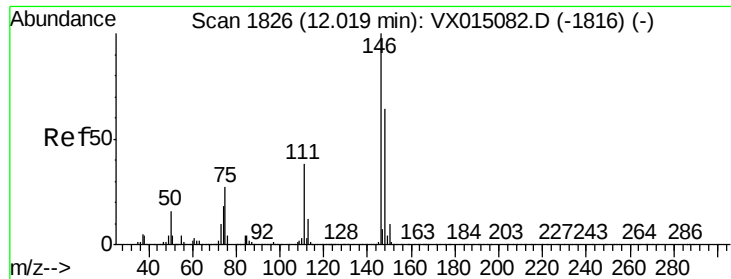
Tot Ion:105 Resp: 591366
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.990 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion:119 Resp: 541546
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.888 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

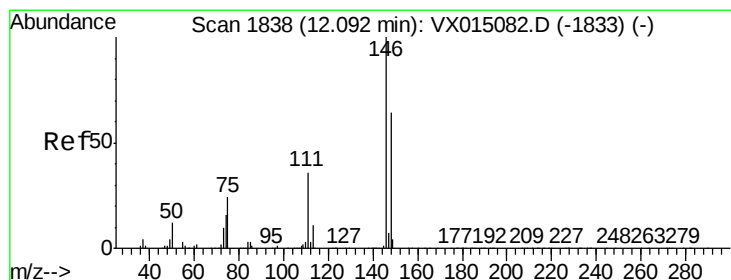
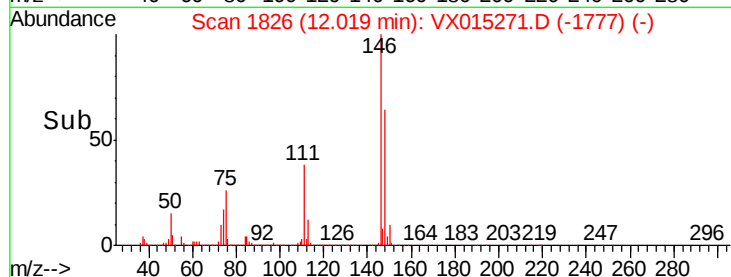
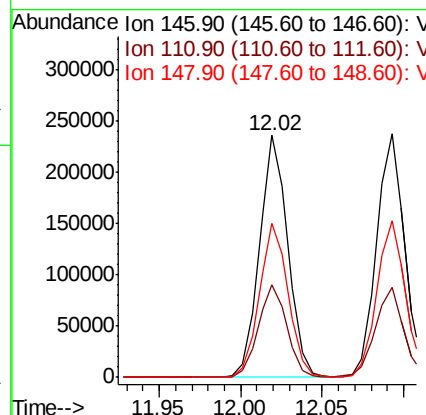
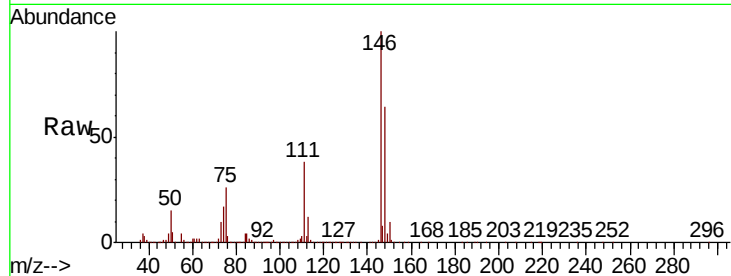
Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 284143

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 47.199 ug/l

RT: 12.09 min Scan# 1838

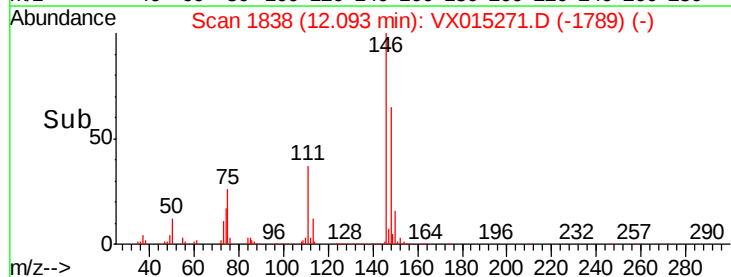
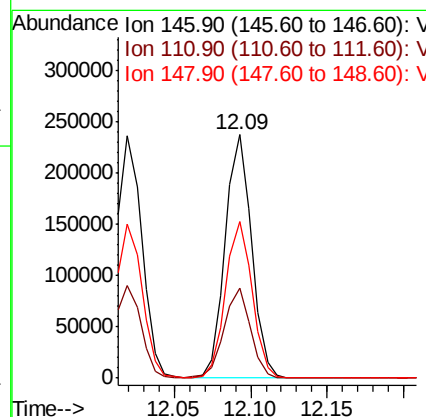
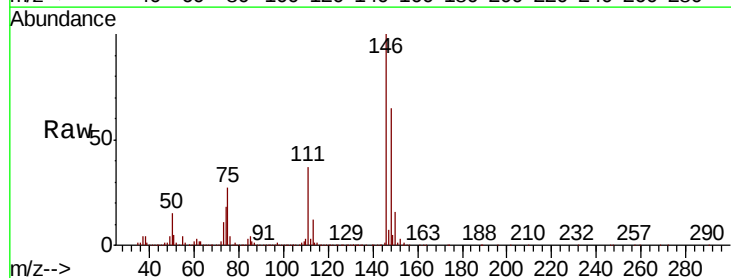
Delta R.T. 0.00 min

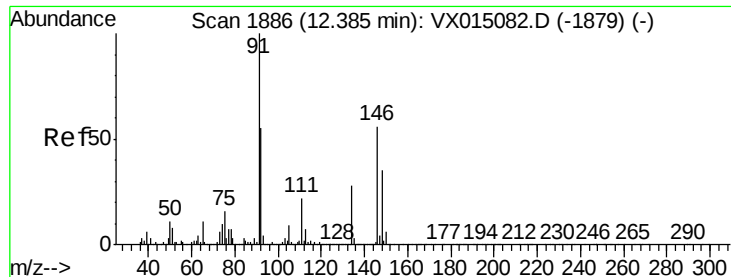
Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:146 Resp: 283221

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	65.0	32.5	97.4





#89

n-Butylbenzene

Concen: 50.982 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

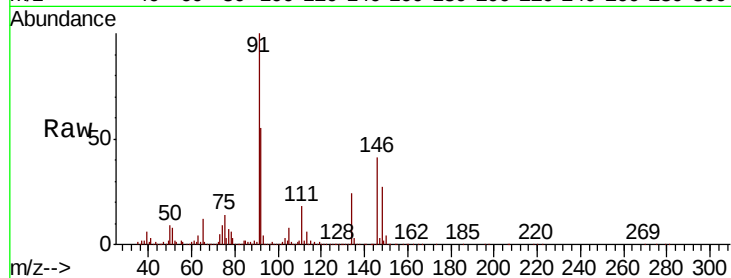
Tot Ion: 91 Resp: 481576

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

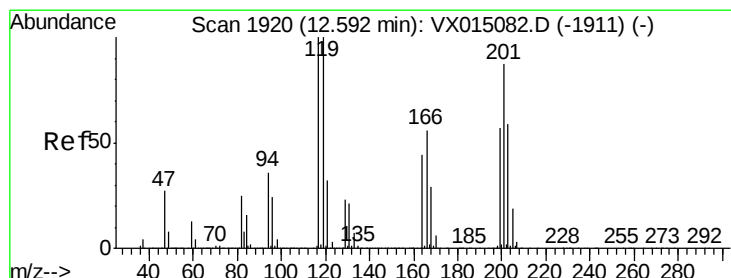
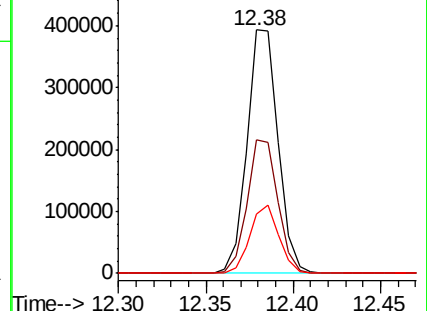
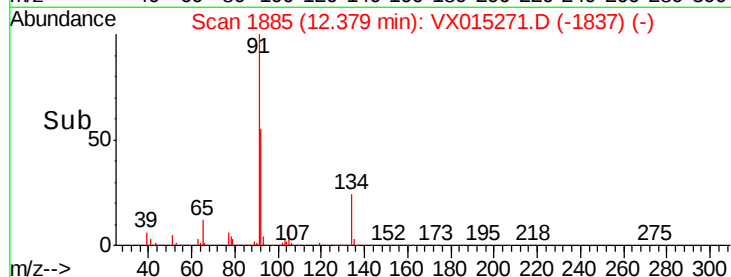
134 26.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX015082.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX015082.D (-1879) (-)



#90

Hexachloroethane

Concen: 47.659 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015271.D

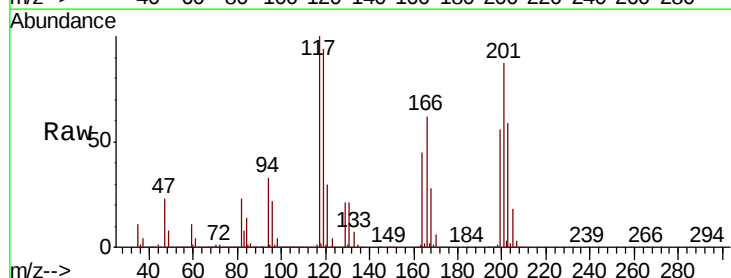
Acq: 13 Mar 2020 19:29

Tgt Ion: 117 Resp: 95692

Ion Ratio Lower Upper

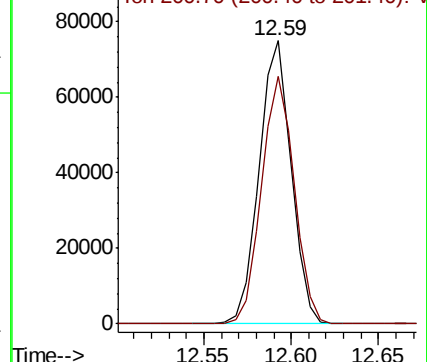
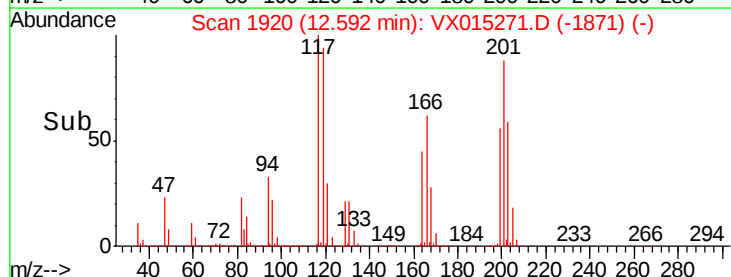
117 100

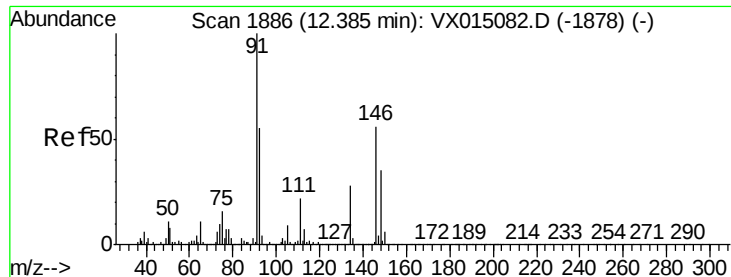
201 89.1 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX015082.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX015082.D (-1911) (-)

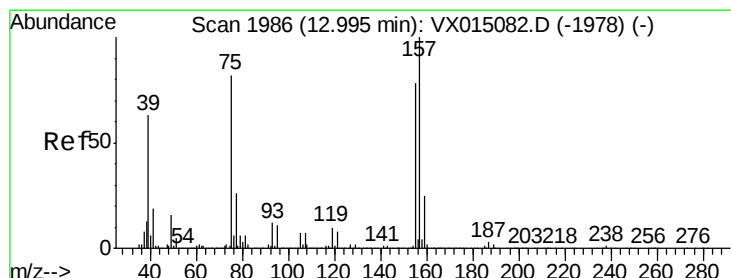
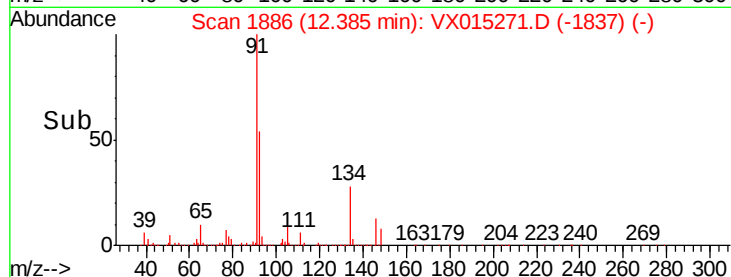
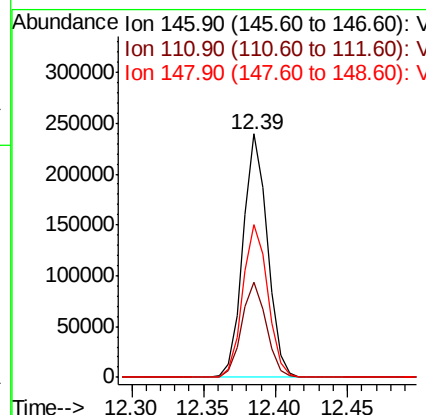
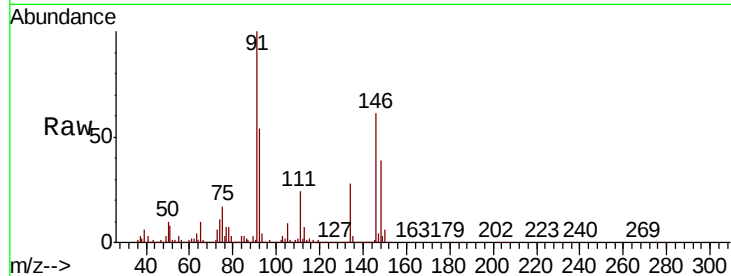




#91
 1,2-Dichlorobenzene
 Concen: 49.035 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

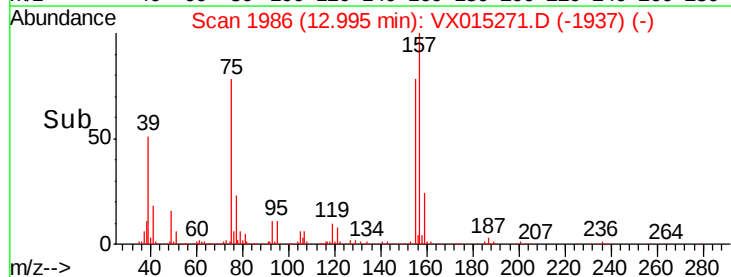
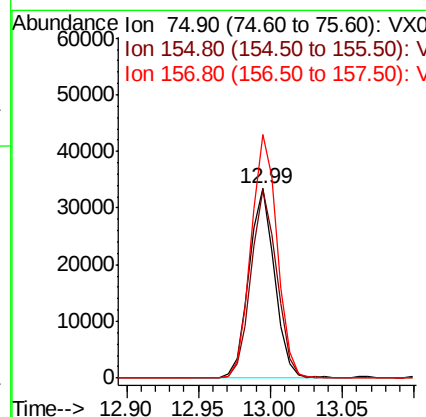
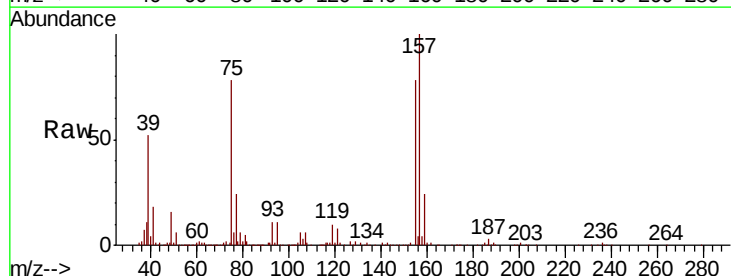
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

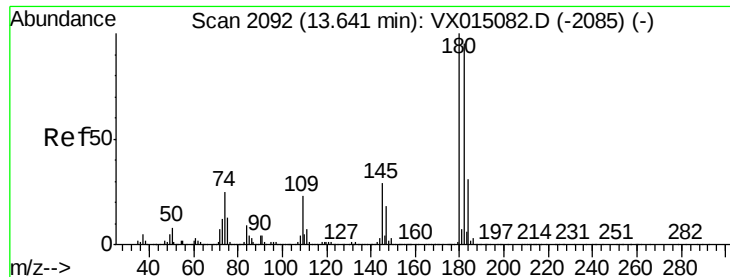
Tot Ion:146 Resp: 283345
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 64.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.567 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion: 75 Resp: 40826
 Ion Ratio Lower Upper
 75 100
 155 100.2 46.6 139.7
 157 131.1 59.2 177.5

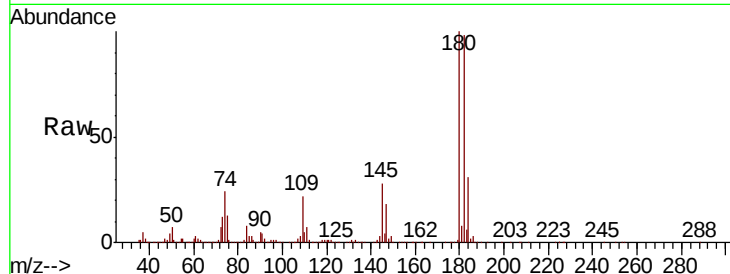




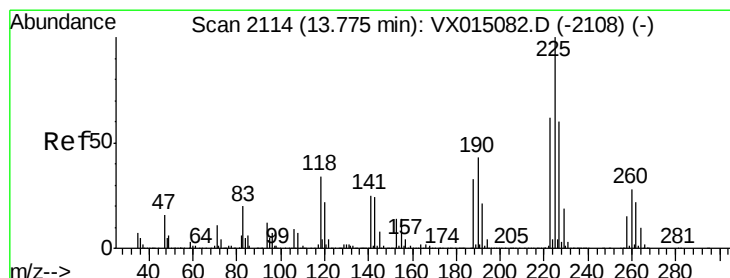
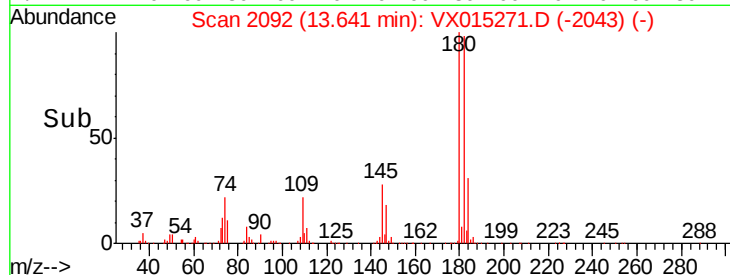
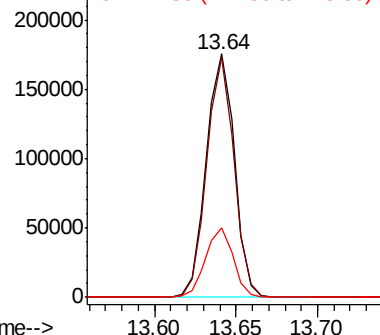
#93
 1,2,4-Trichlorobenzene
 Concen: 52.572 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	28.2	14.1	42.2

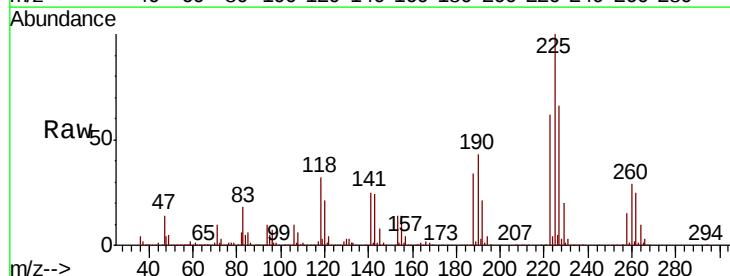


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

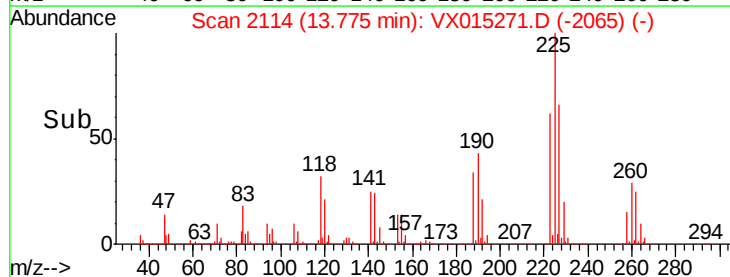
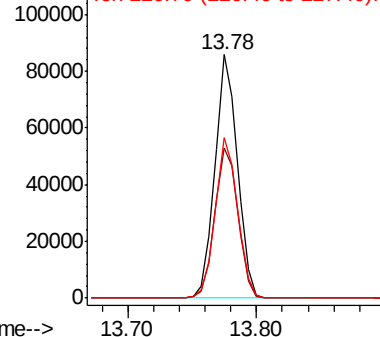


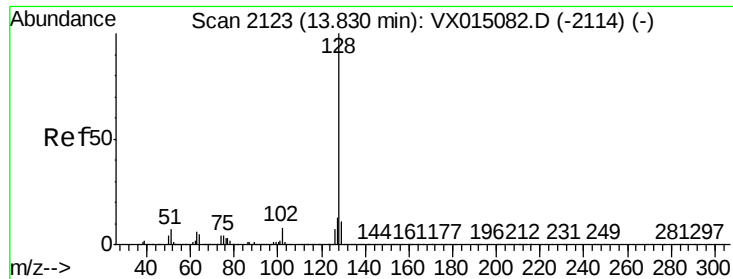
#94
 Hexachlorobutadiene
 Concen: 50.087 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.9
227	65.7	31.1	93.2



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

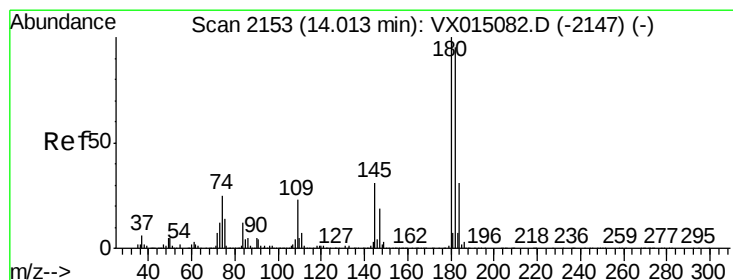
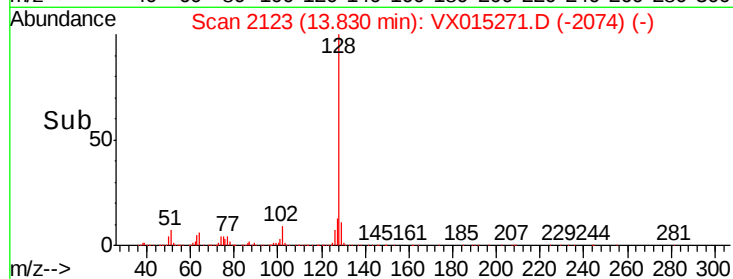
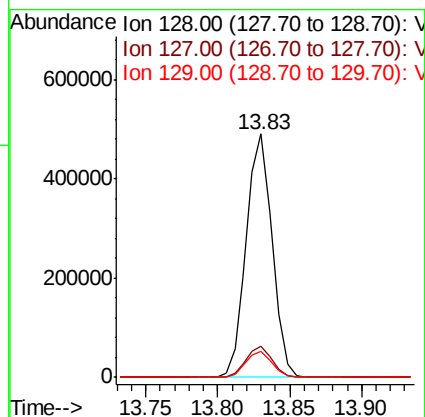
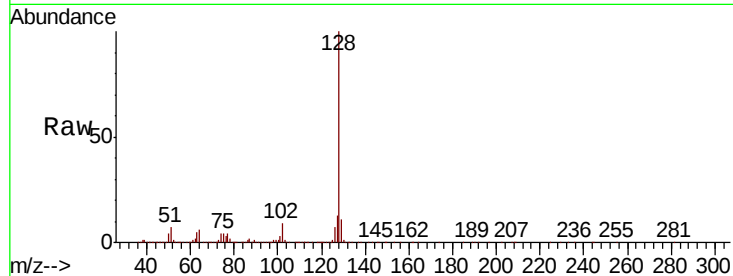




#95
Naphthalene
Concen: 49.597 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 609542
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.671 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion:180 Resp: 210788
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.4
145 30.2 15.1 45.3

