

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112019\
 Data File : VX013490.D
 Acq On : 20 Nov 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 21 00:53:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	607636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	932069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	828902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	339870	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	283152	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	1059598	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.14	95	381322	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	323428	46.196	ug/l	97
3) Chloromethane	1.31	50	354898	46.744	ug/l	98
4) Vinyl Chloride	1.40	62	428809	49.610	ug/l	98
5) Bromomethane	1.63	94	281156	46.677	ug/l	100
6) Chloroethane	1.71	64	241915	48.935	ug/l	98
7) Trichlorofluoromethane	1.92	101	493507	48.326	ug/l	97
8) Diethyl Ether	2.18	74	235293	52.104	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	301845	53.032	ug/l	98
10) Methyl Iodide	2.50	142	327579	46.486	ug/l	98
11) Tert butyl alcohol	3.04	59	446942	235.560	ug/l	100
12) 1,1-Dichloroethene	2.36	96	294414	52.821	ug/l	97
13) Acrolein	2.28	56	243242	236.544	ug/l	97
14) Allyl chloride	2.72	41	547434	54.055	ug/l	97
15) Acrylonitrile	3.13	53	998090	281.613	ug/l	99
16) Acetone	2.43	43	1106132	308.062	ug/l	99
17) Carbon Disulfide	2.56	76	702685	47.102	ug/l	99
18) Methyl Acetate	2.76	43	592967	59.818	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1088337	58.544	ug/l	98
20) Methylene Chloride	2.84	84	344809	51.975	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	318610	52.500	ug/l	99
22) Diisopropyl ether	3.84	45	1115820	57.070	ug/l	97
23) Vinyl Acetate	3.80	43	3717581	222.204	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608207	55.608	ug/l	100
25) 2-Butanone	4.65	43	1518387	288.257	ug/l	98
26) 2,2-Dichloropropane	4.57	77	470827	54.112	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	382435	56.254	ug/l	99
28) Bromochloromethane	5.00	49	169743	54.659	ug/l	96
29) Tetrahydrofuran	5.11	42	902115	277.913	ug/l	99
30) Chloroform	5.20	83	599752	55.532	ug/l	98
31) Cyclohexane	5.57	56	504009	51.211	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	519191	55.860	ug/l	99
36) 1,1-Dichloropropene	5.79	75	428661	53.609	ug/l	98
37) Ethyl Acetate	4.82	43	537448	54.395	ug/l	100
38) Carbon Tetrachloride	5.78	117	431465	55.181	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511718	51.361	ug/l	100
40) Benzene	6.13	78	1346482	54.060	ug/l	100
41) Methacrylonitrile	5.03	41	301140	54.377	ug/l	98
42) 1,2-Dichloroethane	6.18	62	483437	53.810	ug/l	98
43) Isopropyl Acetate	6.43	43	879577	57.169	ug/l	99
44) Trichloroethene	7.21	130	384904	56.140	ug/l	96
45) 1,2-Dichloropropane	7.51	63	360530	56.810	ug/l	100
46) Dibromomethane	7.65	93	232011	53.544	ug/l	96
47) Bromodichloromethane	7.89	83	478820	58.601	ug/l	97
48) Methyl methacrylate	7.76	41	436942	56.893	ug/l	97
49) 1,4-Dioxane	7.73	88	168708	959.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2809554	278.333	ug/l	98
52) Toluene	8.78	92	860753	55.758	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	520600	58.267	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	577098	57.741	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	363734	56.846	ug/l	99
56) Ethyl methacrylate	9.17	69	593503	54.196	ug/l	97
57) 1,3-Dichloropropane	9.37	76	603653	55.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1130167	258.320	ug/l	99
59) 2-Hexanone	9.49	43	2221367	284.769	ug/l	99
60) Dibromochloromethane	9.58	129	389457	59.513	ug/l	100
61) 1,2-Dibromoethane	9.67	107	376890	55.470	ug/l	99
64) Tetrachloroethene	9.33	164	508410	85.680	ug/l	100
65) Chlorobenzene	10.14	112	933470	55.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	360885	58.569	ug/l	99
67) Ethyl Benzene	10.25	91	1638083	56.558	ug/l	98
68) m/p-Xylenes	10.35	106	1243924	113.563	ug/l	100
69) o-Xylene	10.70	106	619914	57.807	ug/l	98
70) Styrene	10.71	104	1057879	59.013	ug/l	98
71) Bromoform	10.85	173	308968	53.819	ug/l	99
73) Isopropylbenzene	11.01	105	1640328	59.089	ug/l	100
74) N-amyl acetate	10.89	43	772954	60.044	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	558579	55.155	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	667792	78.524	ug/l	79
77) Bromobenzene	11.25	156	430270	58.140	ug/l	98
78) n-propylbenzene	11.35	91	1831347	59.222	ug/l	99
79) 2-Chlorotoluene	11.42	91	1080393	57.988	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1354117	58.562	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	194627	58.907	ug/l	96
82) 4-Chlorotoluene	11.51	91	1239426	56.829	ug/l	99
83) tert-Butylbenzene	11.76	119	1203081	51.686	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	1423289	61.360	ug/l	99
85) sec-Butylbenzene	11.94	105	1594529	59.605	ug/l	100
86) p-Isopropyltoluene	12.06	119	1466345	59.526	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	754602	57.203	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	747866	55.644	ug/l	99
89) n-Butylbenzene	12.39	91	1238408	57.615	ug/l	99
90) Hexachloroethane	12.59	117	263067	59.938	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	760945	57.707	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131031	53.106	ug/l	98

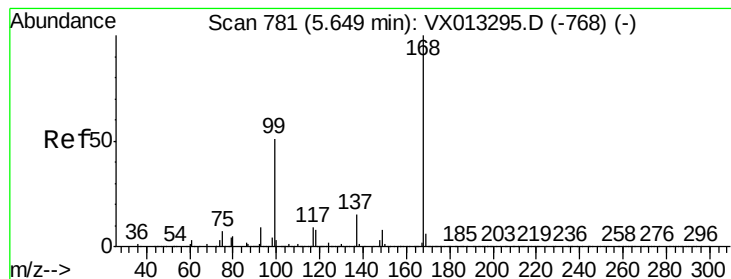
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	520128	56.548	ug/l	100
94) Hexachlorobutadiene	13.78	225	241809	53.735	ug/l	100
95) Naphthalene	13.83	128	1684449	58.369	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	541167	58.667	ug/l	97

(#) = 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. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

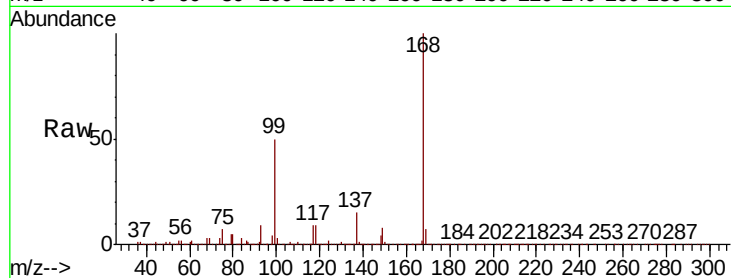
VSTDCCC050EC

Tot Ion:168 Resp: 607636

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

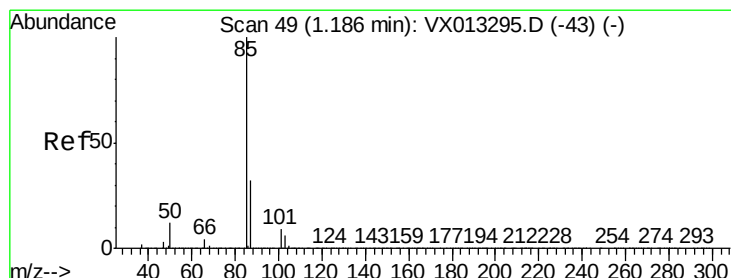
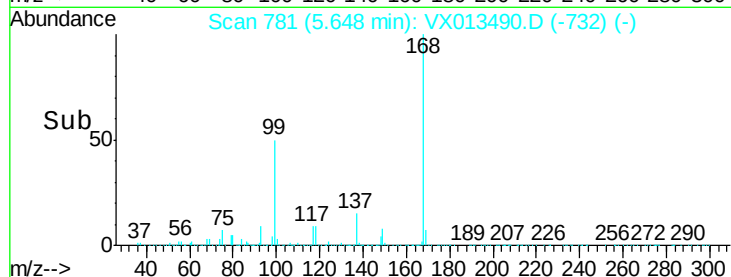
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.196 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013490.D

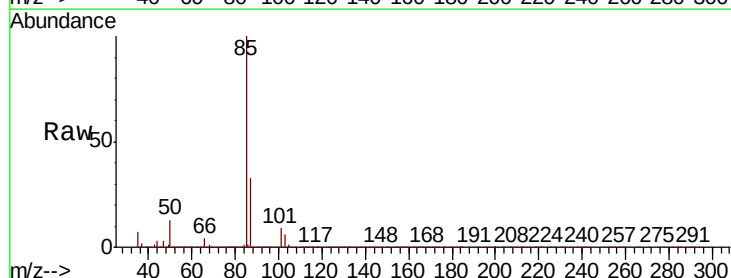
Acq: 20 Nov 2019 20:14

Tgt Ion: 85 Resp: 323428

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

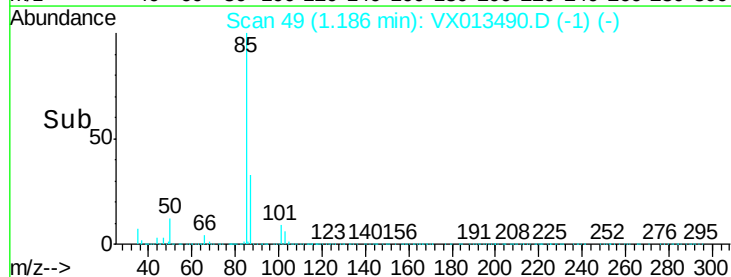
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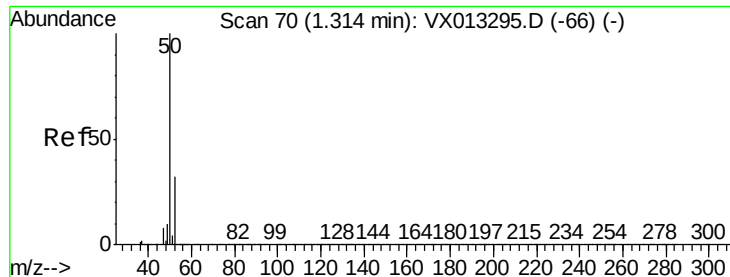
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.744 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

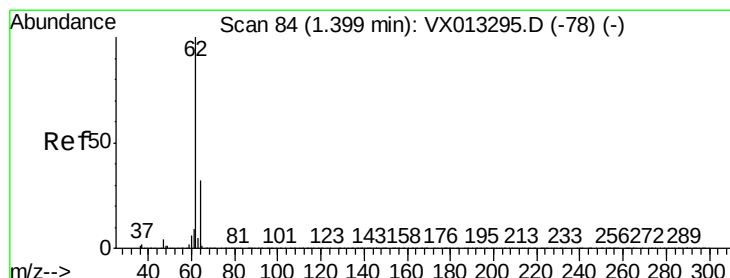
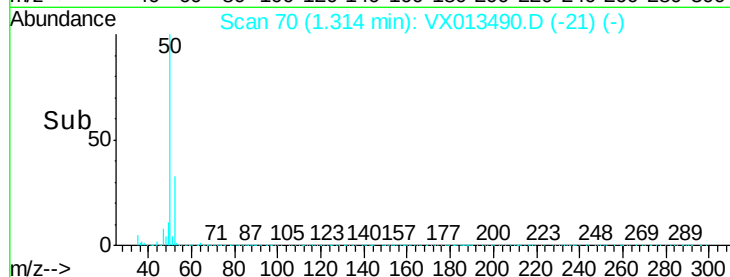
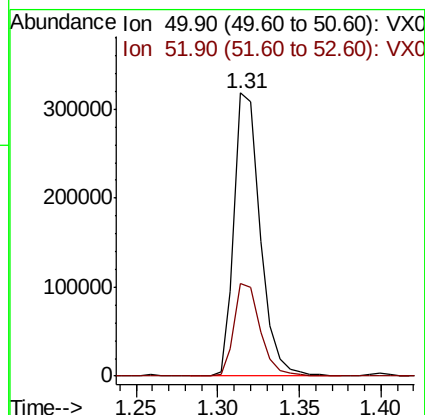
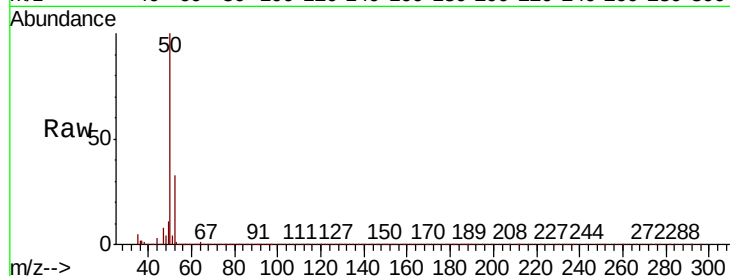
VSTDCCC050EC

Tot Ion: 50 Resp: 354898

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 49.610 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013490.D

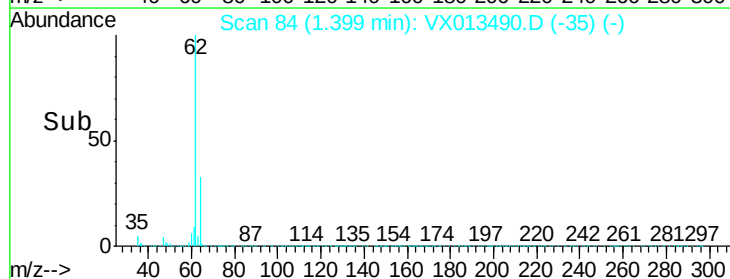
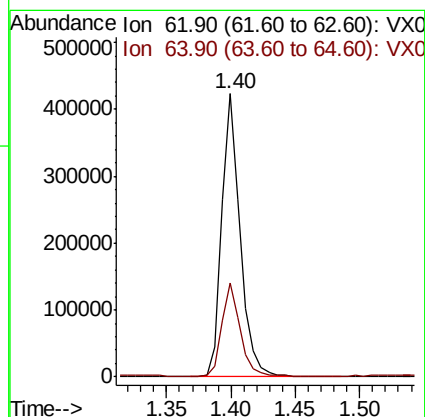
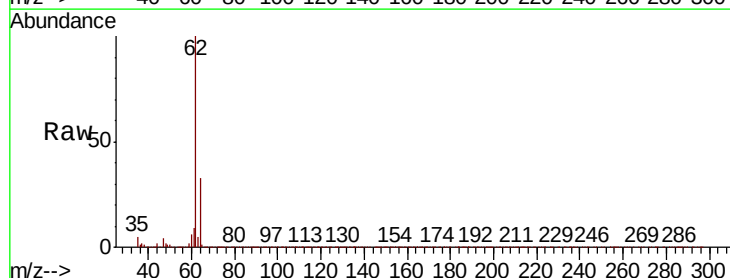
Acq: 20 Nov 2019 20:14

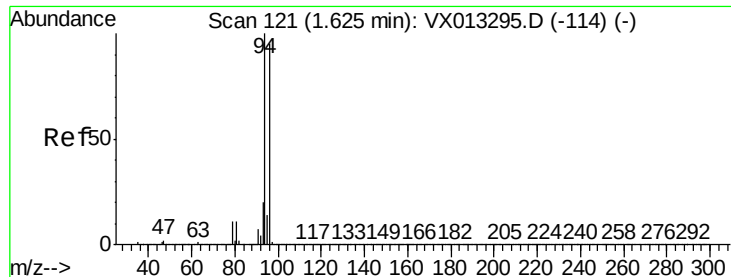
Tgt Ion: 62 Resp: 428809

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





#5

Bromomethane

Concen: 46.677 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

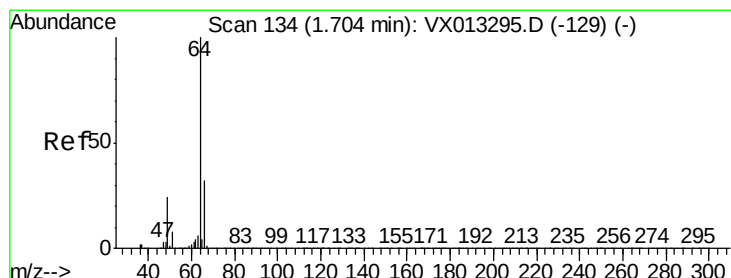
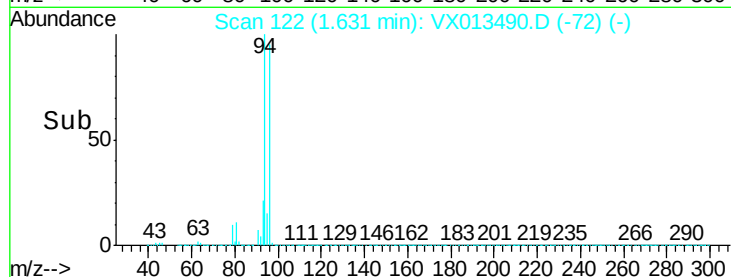
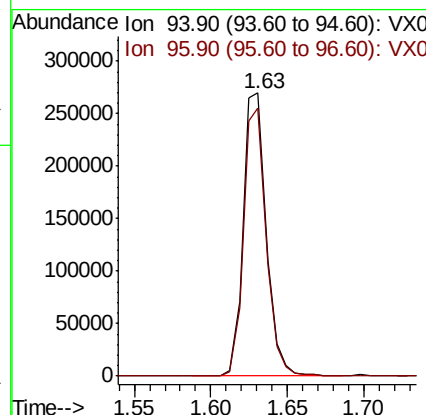
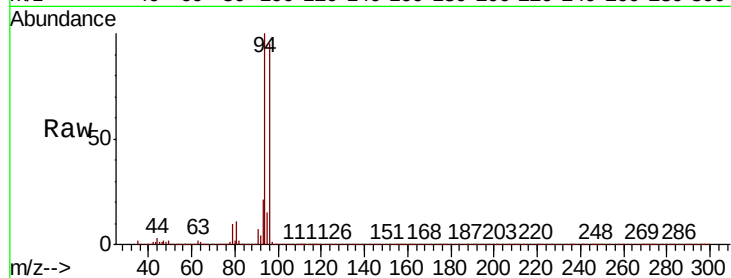
VSTDCCC050EC

Tot Ion: 94 Resp: 281156

Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.8



#6

Chloroethane

Concen: 48.935 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013490.D

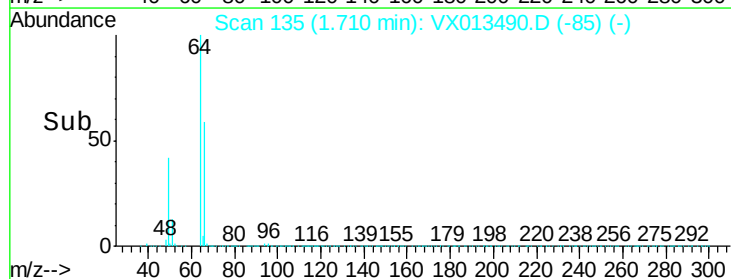
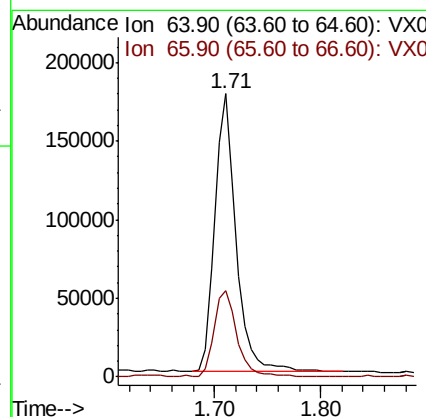
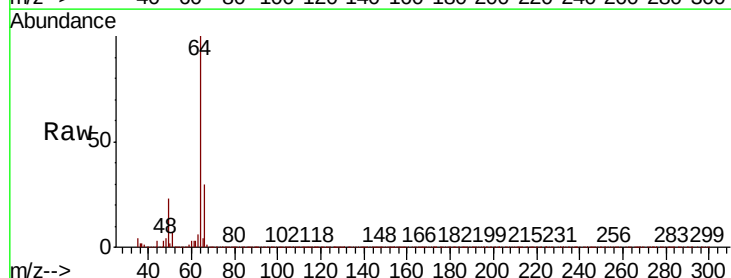
Acq: 20 Nov 2019 20:14

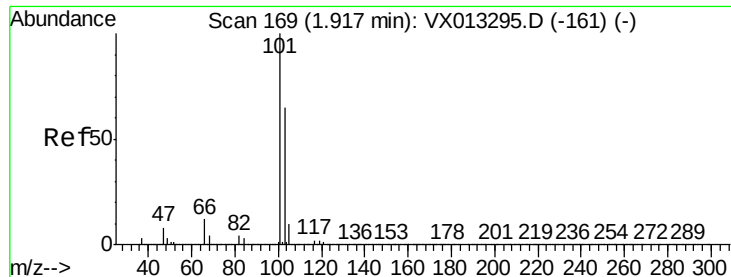
Tgt Ion: 64 Resp: 241915

Ion Ratio Lower Upper

64 100

66 30.8 25.6 38.4



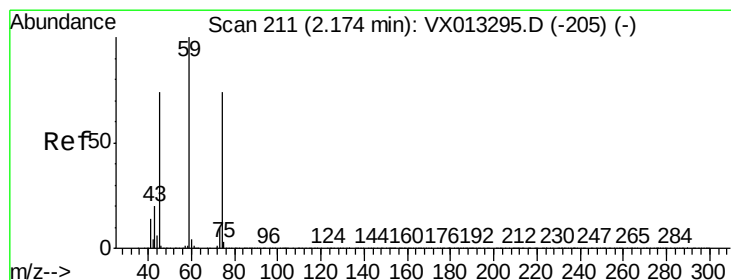
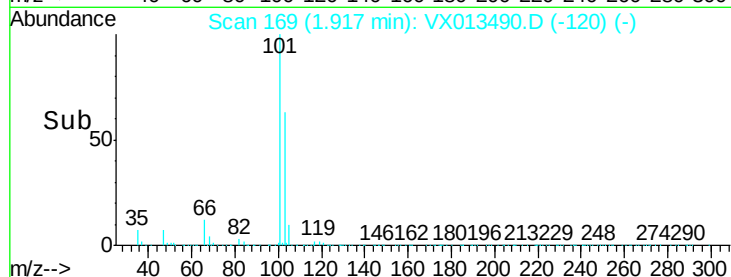
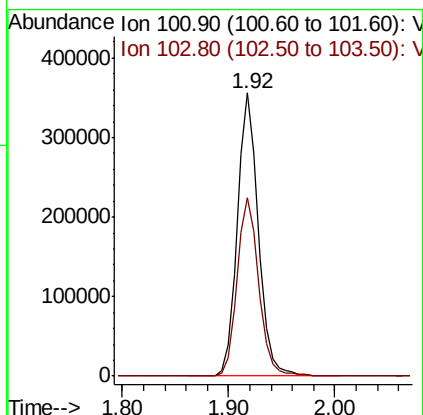
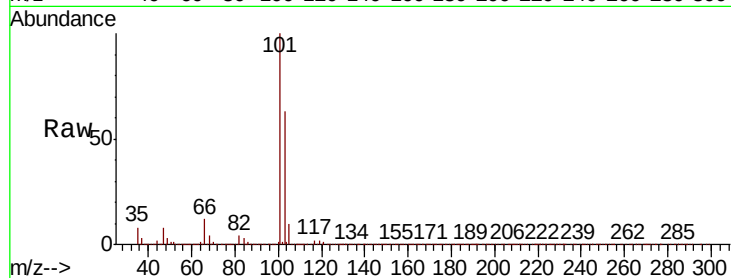


#7

Trichlorofluoromethane
Concen: 48.326 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013490.D
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MSVOA_X
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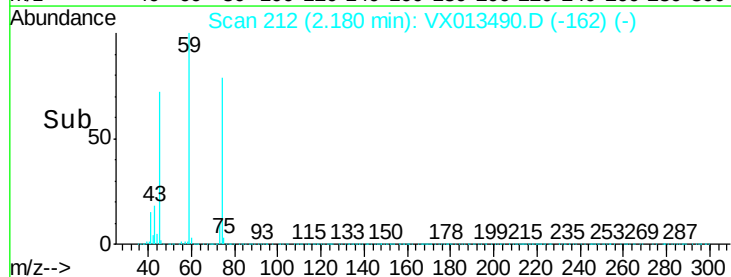
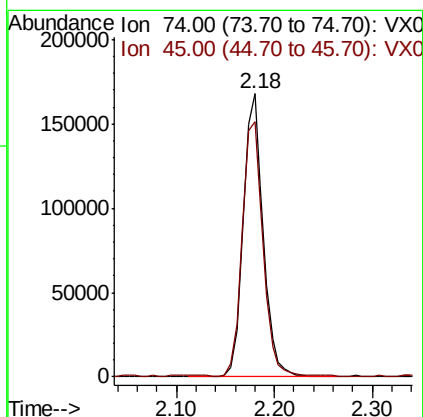
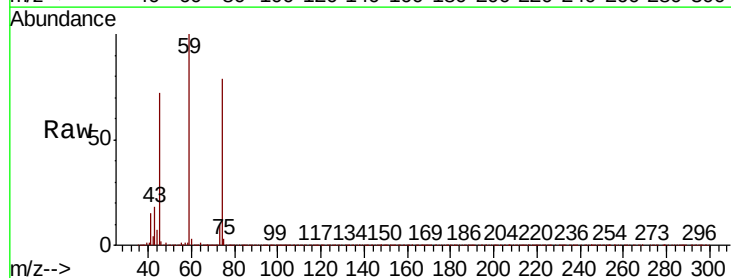
Tot Ion:101 Resp: 493507
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5

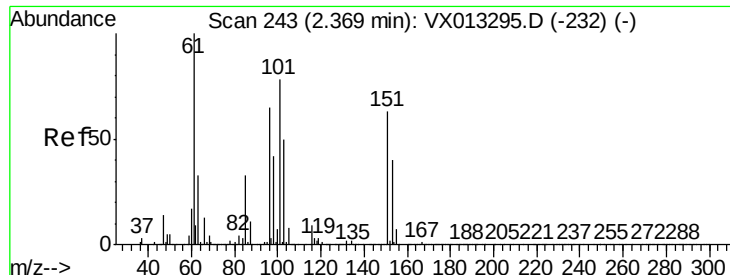


#8

Diethyl Ether
Concen: 52.104 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 74 Resp: 235293
Ion Ratio Lower Upper
74 100
45 94.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.032 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

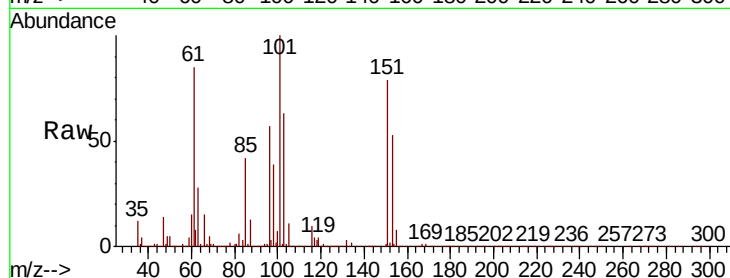
Tot Ion:101 Resp: 301845

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

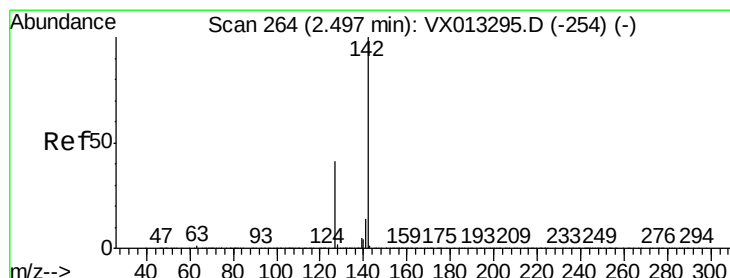
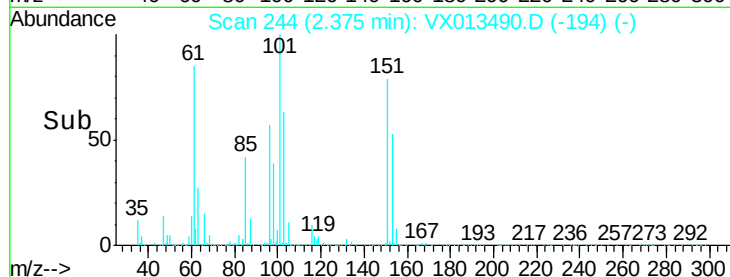
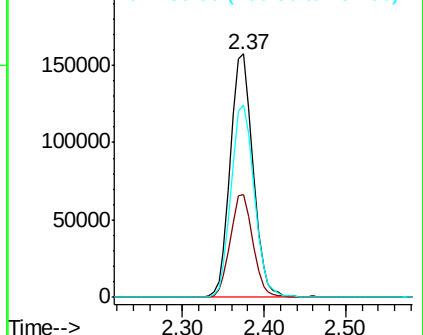
151 80.5 66.4 99.6



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: 46.486 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

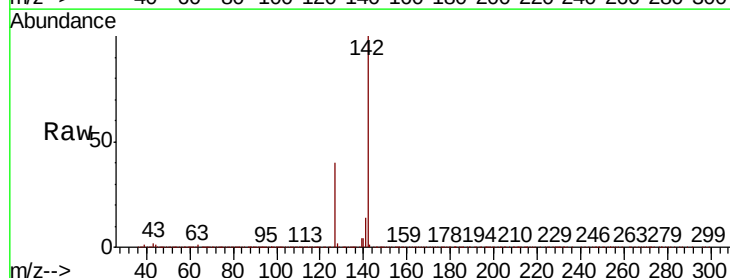
Tgt Ion:142 Resp: 327579

Ion Ratio Lower Upper

142 100

127 38.8 32.6 49.0

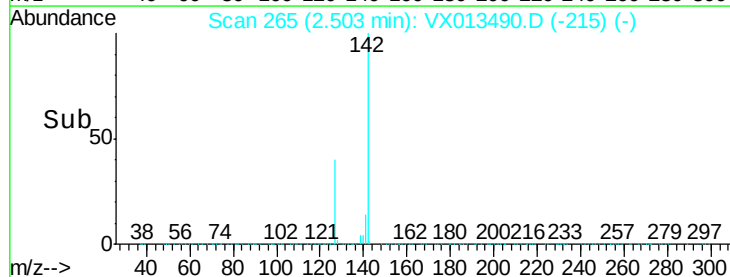
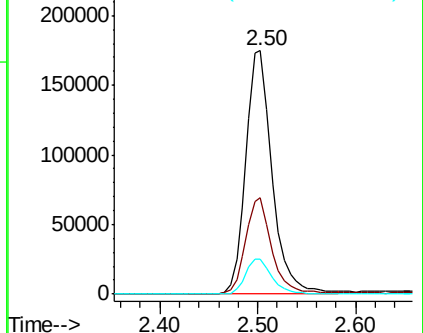
141 14.4 11.6 17.4

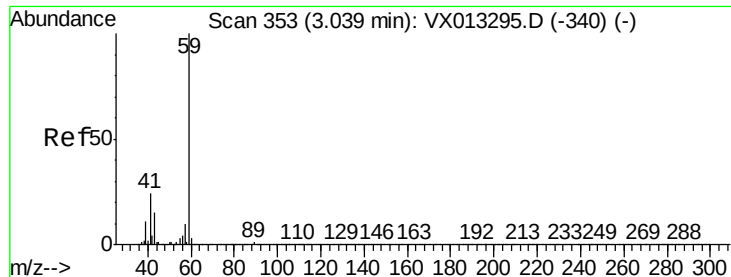


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

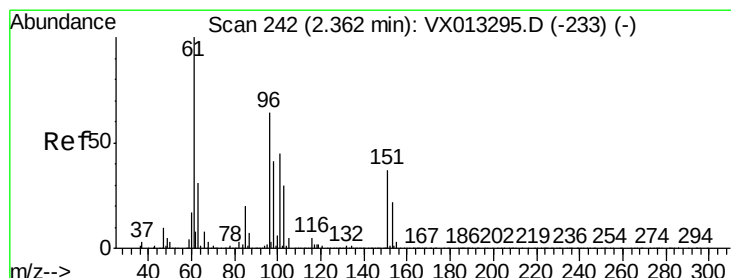
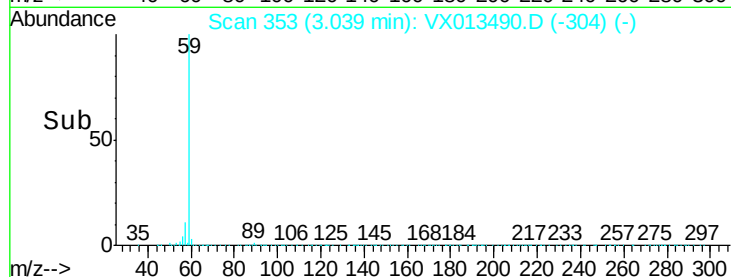
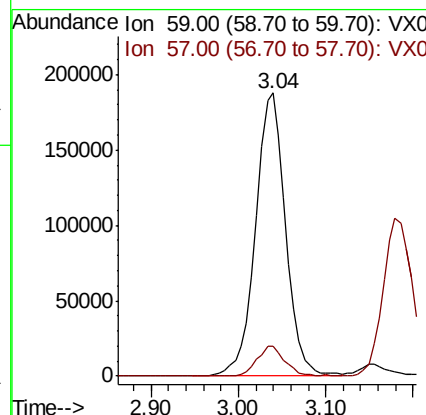
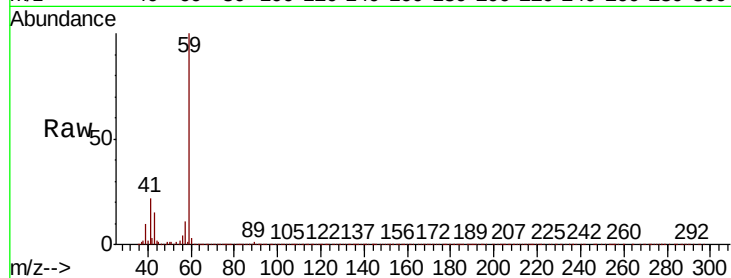




#11
Tert butyl alcohol
Concen: 235.560 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

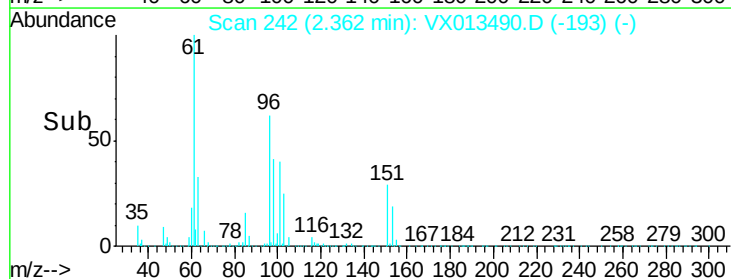
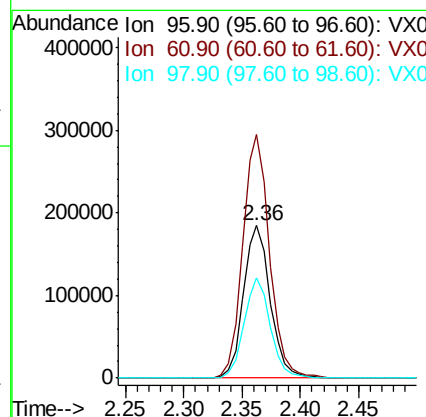
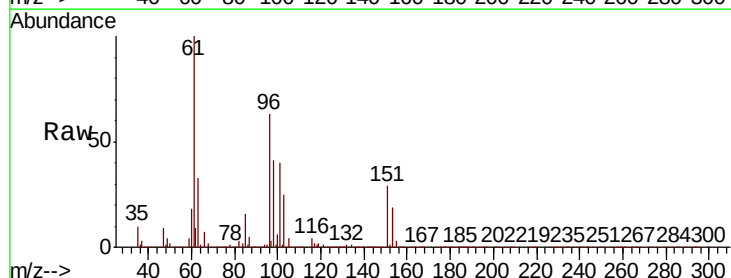
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

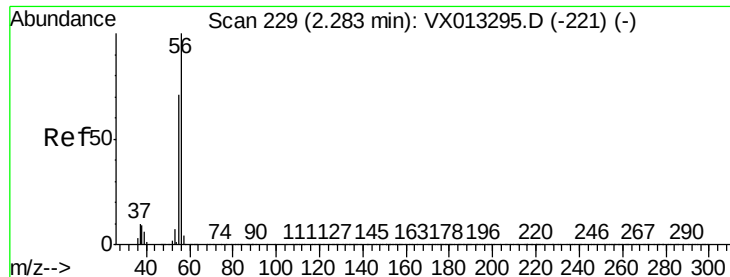
Tot Ion: 59 Resp: 446942
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 52.821 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 96 Resp: 294414
Ion Ratio Lower Upper
96 100
61 160.0 125.0 187.6
98 66.2 50.7 76.1

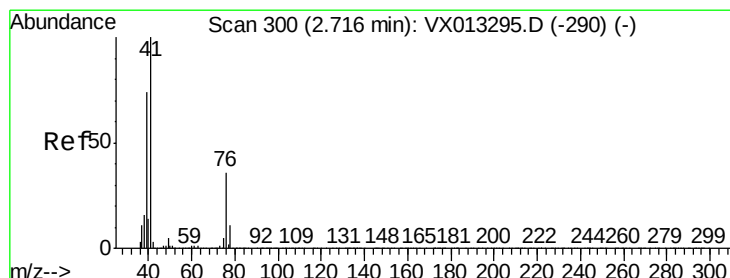
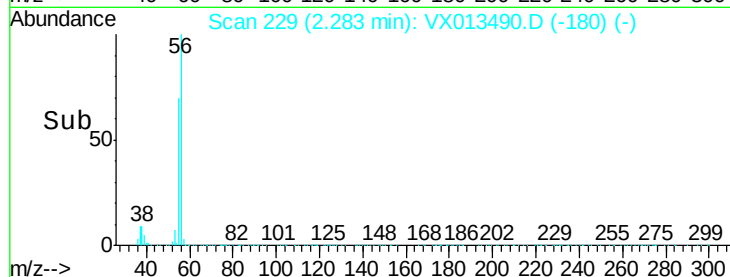
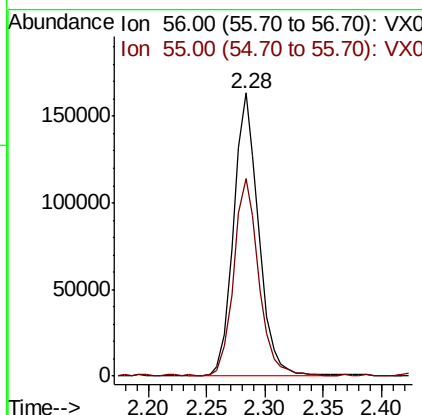
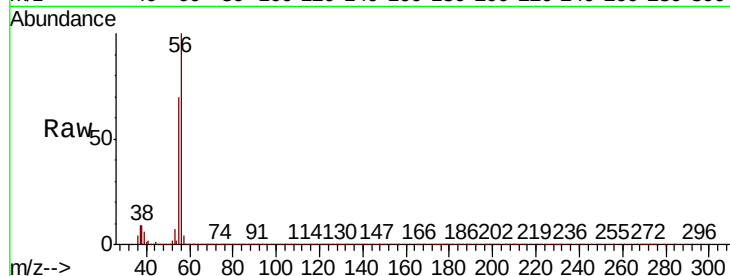




#13
Acrolein
Concen: 236.544 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

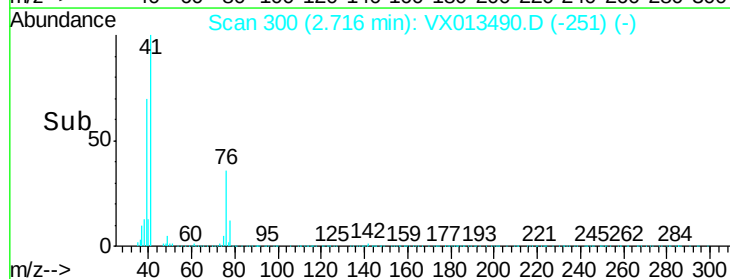
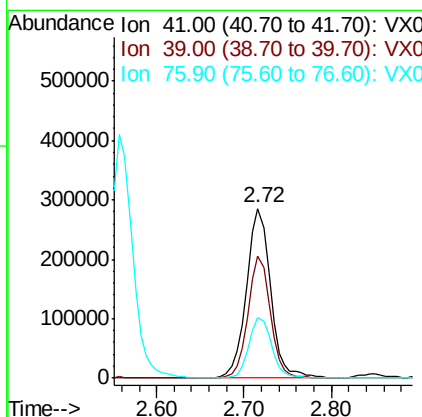
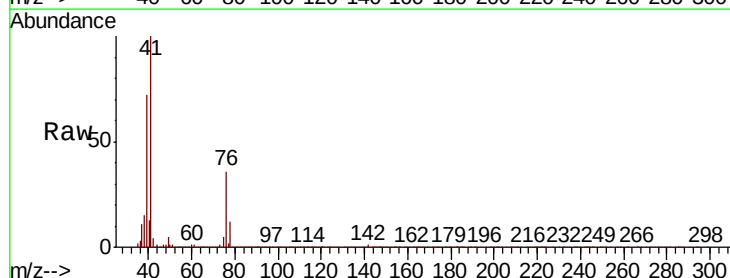
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

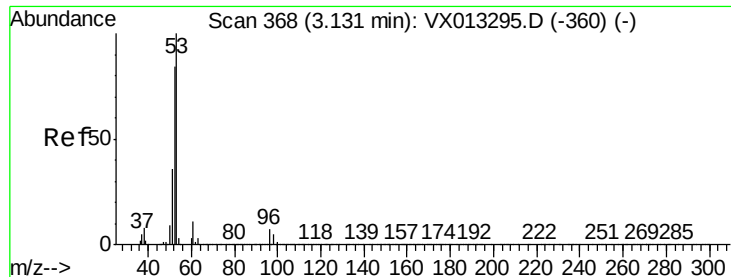
Tot Ion: 56 Resp: 243242
Ion Ratio Lower Upper
56 100
55 69.3 57.4 86.0



#14
Allyl chloride
Concen: 54.055 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 41 Resp: 547434
Ion Ratio Lower Upper
41 100
39 66.9 55.8 83.8
76 33.3 26.4 39.6

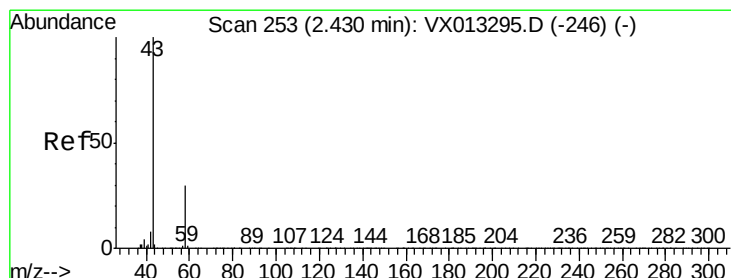
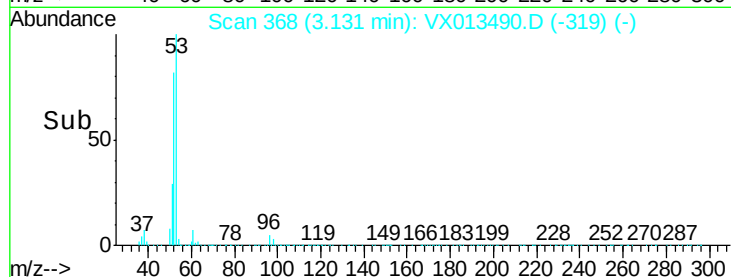
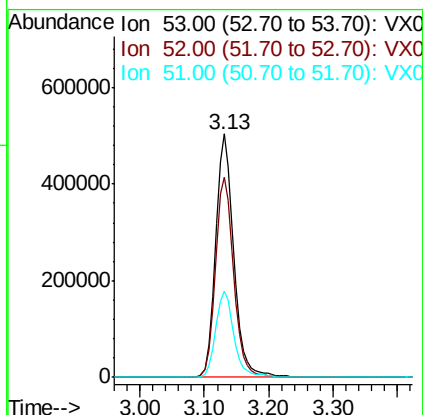
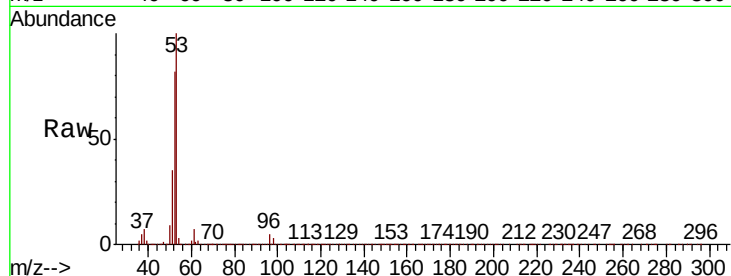




#15
 Acrylonitrile
 Concen: 281.613 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

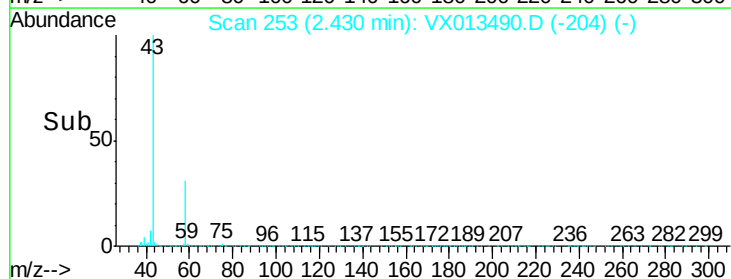
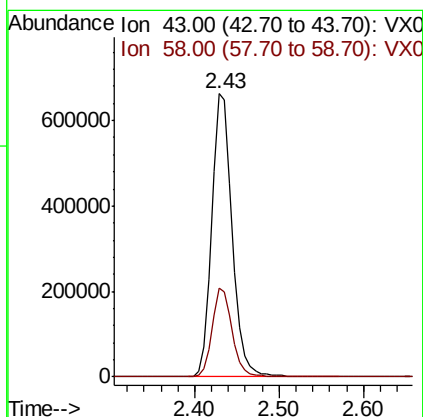
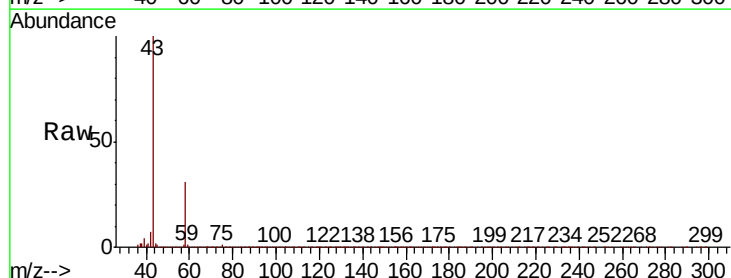
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

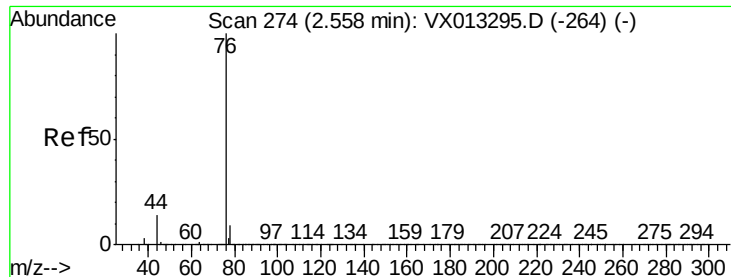
Tot Ion	53	Resp	998090
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	35.9	29.4	44.2



#16
 Acetone
 Concen: 308.062 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	43	Resp	1106132
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.3	36.5





#17

Carbon Disulfide

Concen: 47.102 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

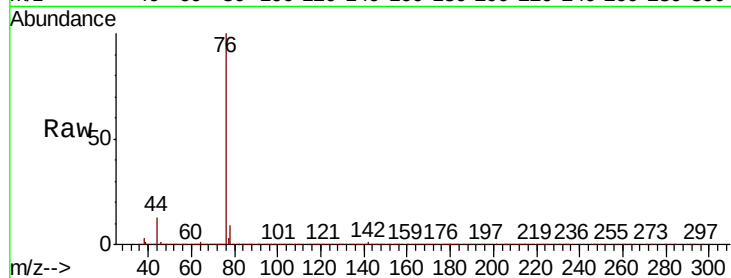
VSTDCCC050EC

Tot Ion: 76 Resp: 702685

Ion Ratio Lower Upper

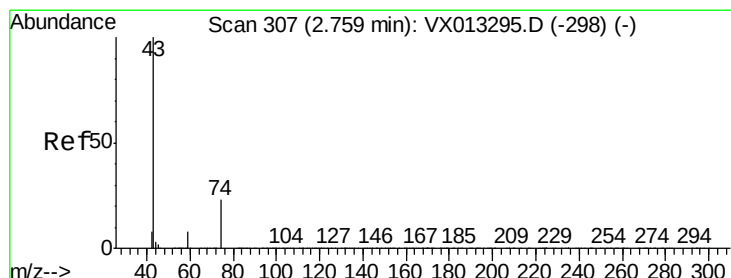
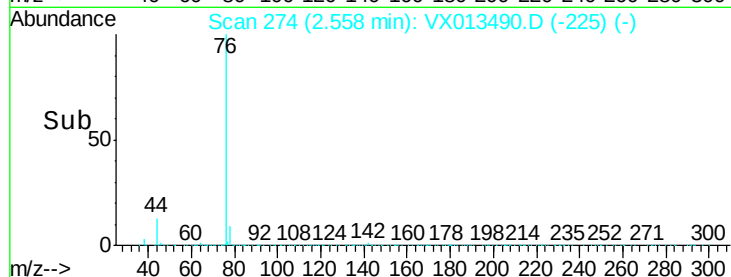
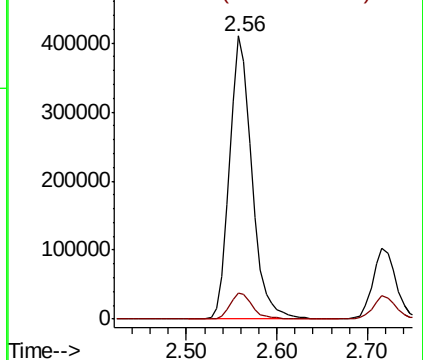
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 59.818 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013490.D

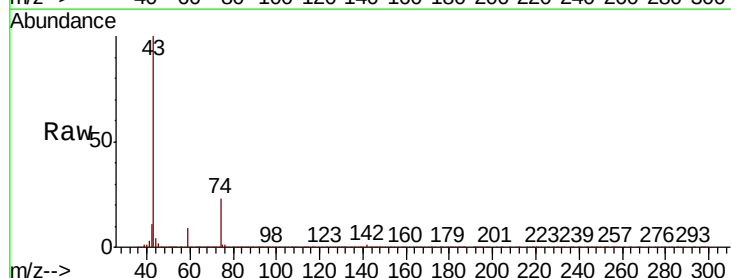
Acq: 20 Nov 2019 20:14

Tgt Ion: 43 Resp: 592967

Ion Ratio Lower Upper

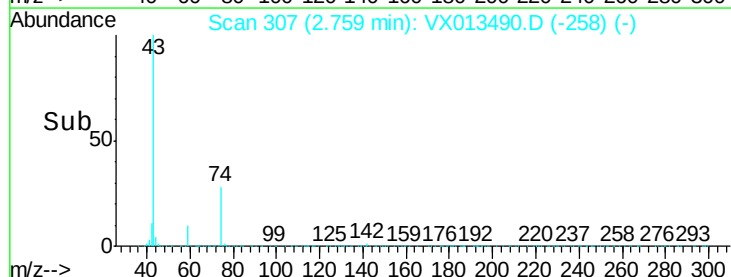
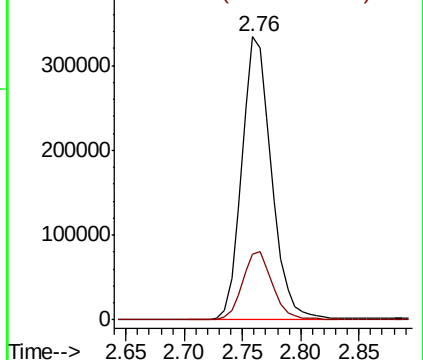
43 100

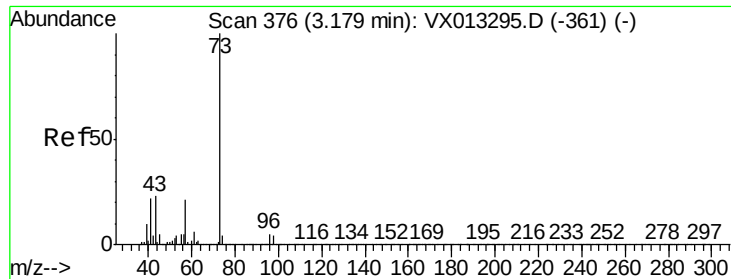
74 24.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

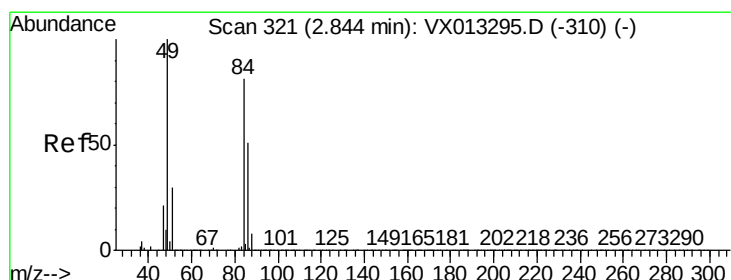
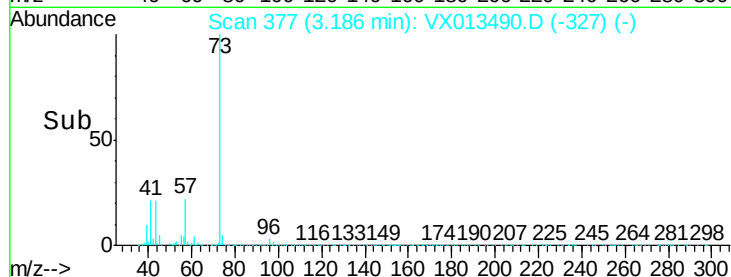
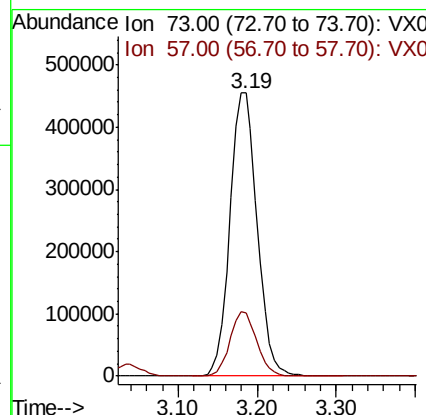
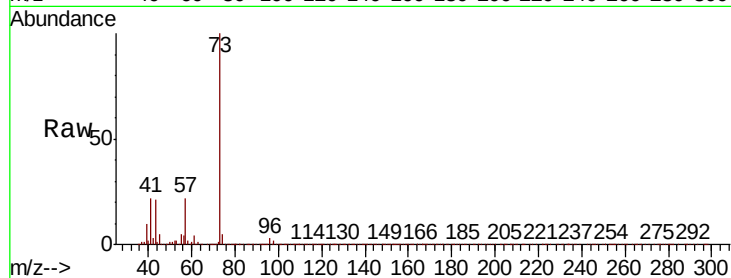




#19
Methyl tert-butyl Ether
Concen: 58.544 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

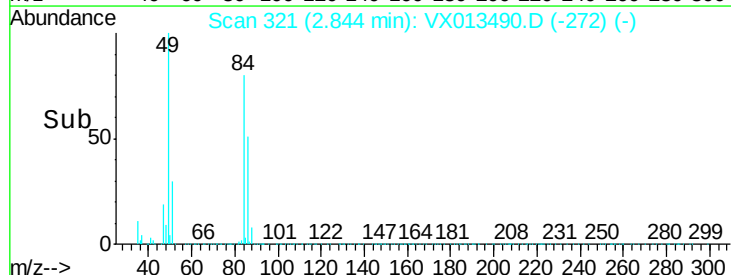
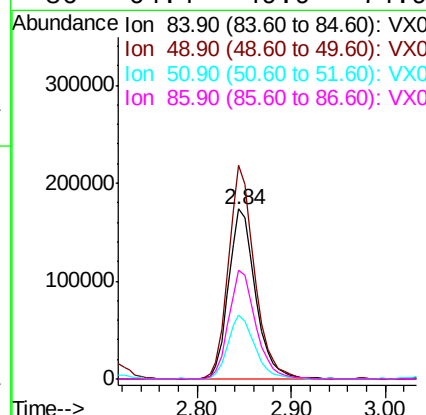
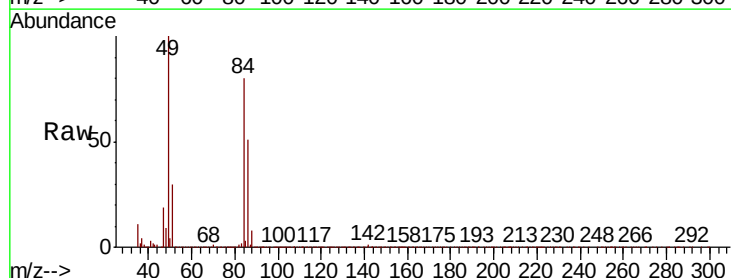
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

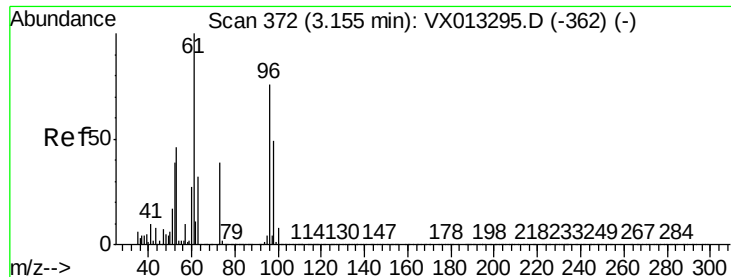
Tot Ion: 73 Resp: 1088337
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 51.975 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 84 Resp: 344809
Ion Ratio Lower Upper
84 100
49 125.5 98.2 147.4
51 37.8 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.500 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

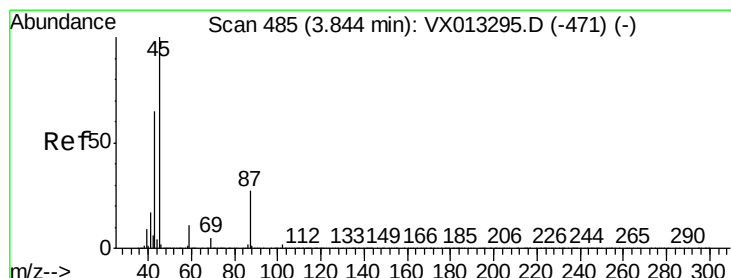
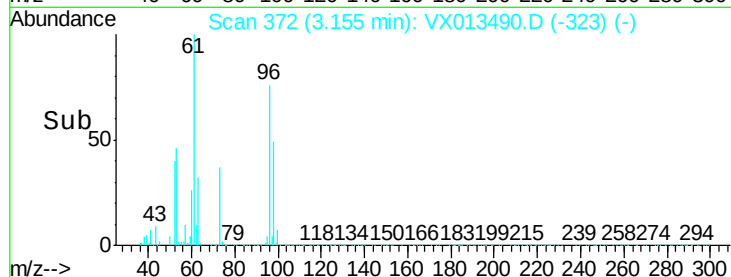
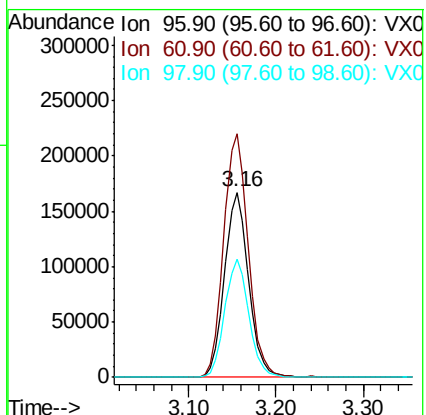
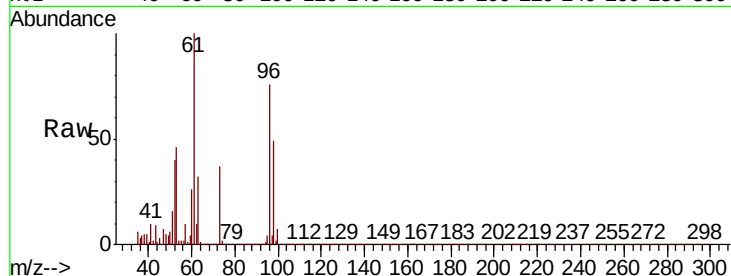
Tot Ion: 96 Resp: 318610

Ion Ratio Lower Upper

96 100

61 131.5 105.8 158.6

98 64.0 51.8 77.6



#22

Diisopropyl ether

Concen: 57.070 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion: 45 Resp: 1115820

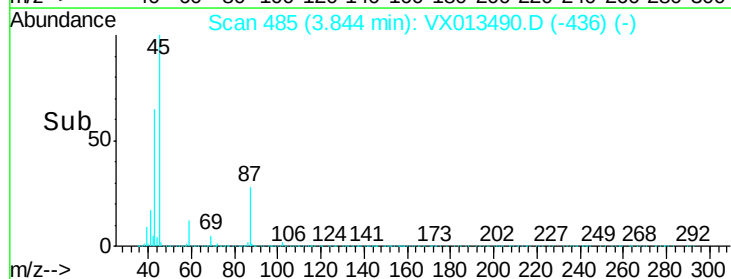
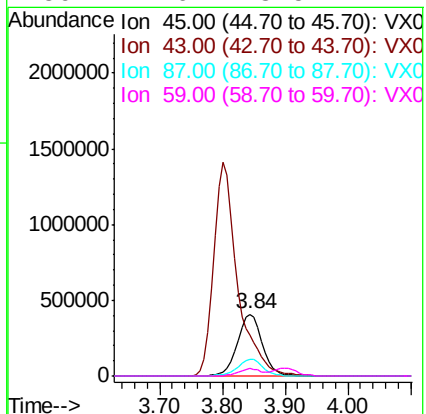
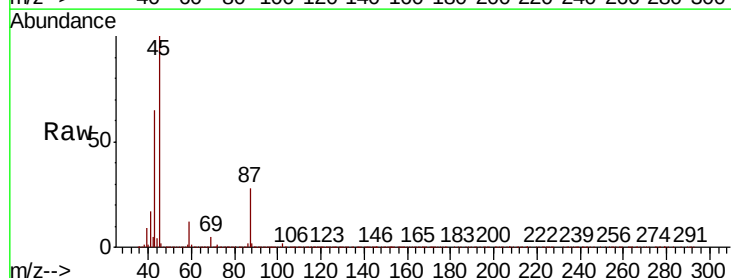
Ion Ratio Lower Upper

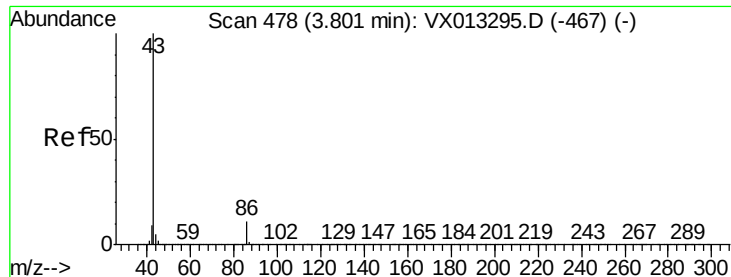
45 100

43 65.1 54.2 81.2

87 27.8 21.8 32.8

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 222.204 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

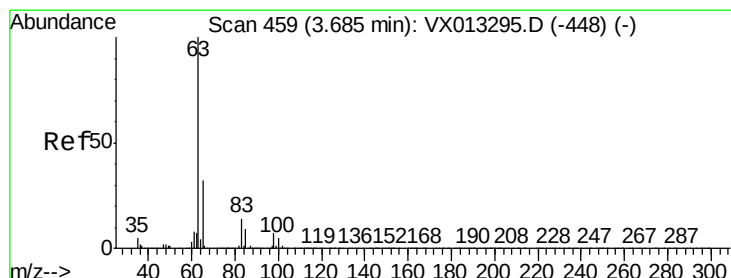
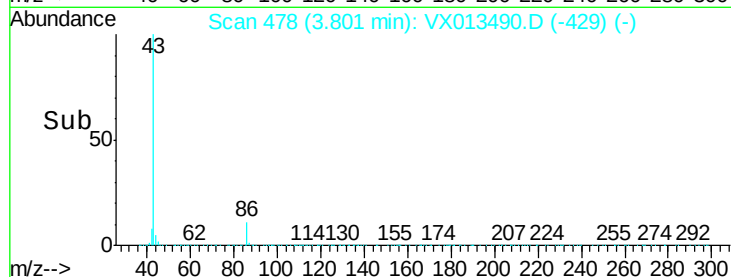
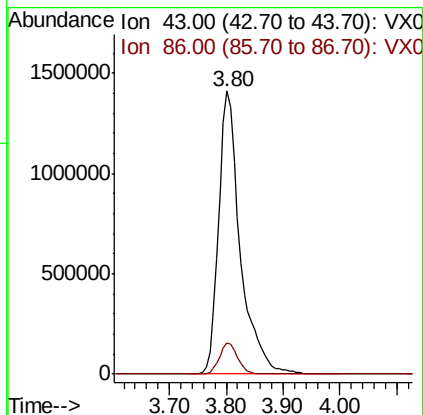
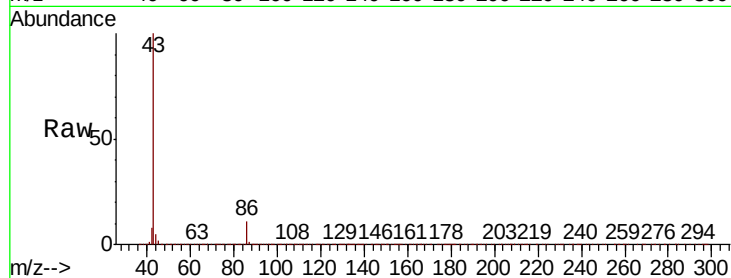
VSTDCCC050EC

Tot Ion: 43 Resp: 3717581

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 55.608 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

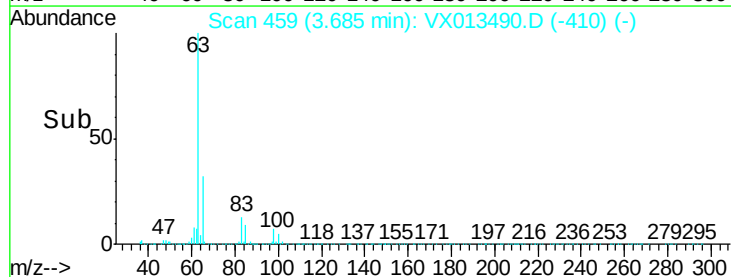
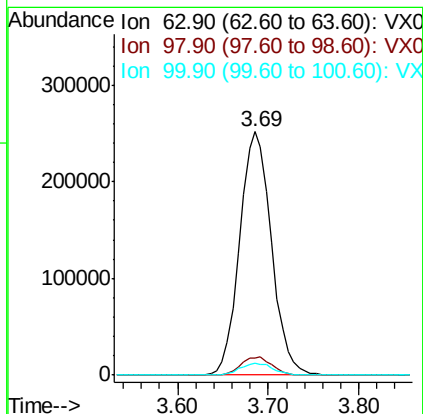
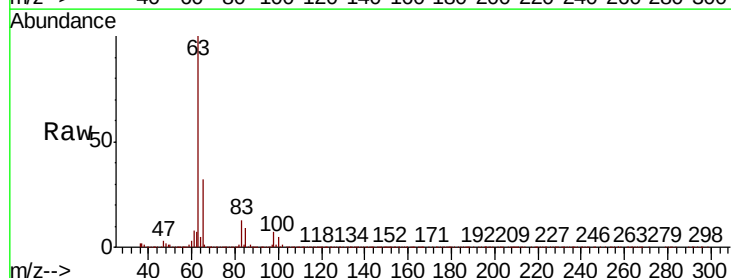
Tgt Ion: 63 Resp: 608207

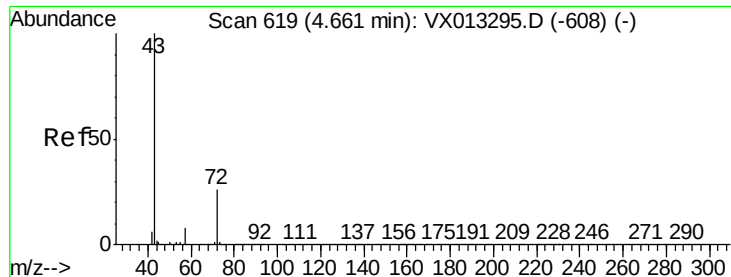
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 288.257 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

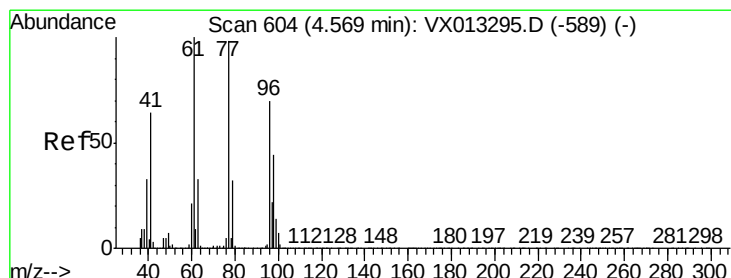
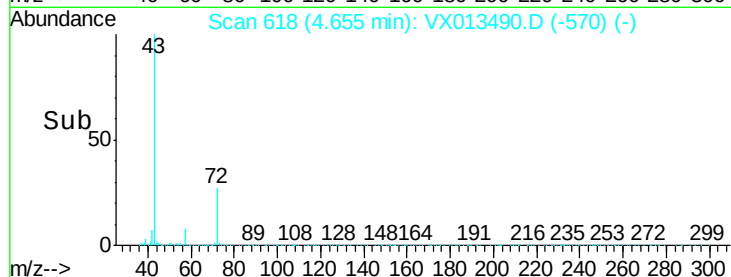
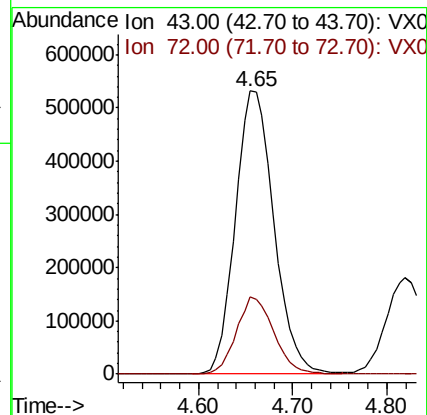
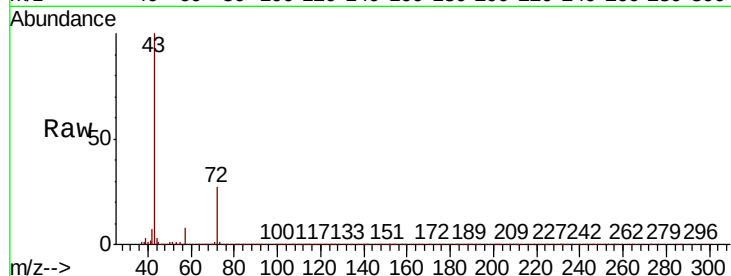
VSTDCCC050EC

Tot Ion: 43 Resp: 1518387

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.112 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013490.D

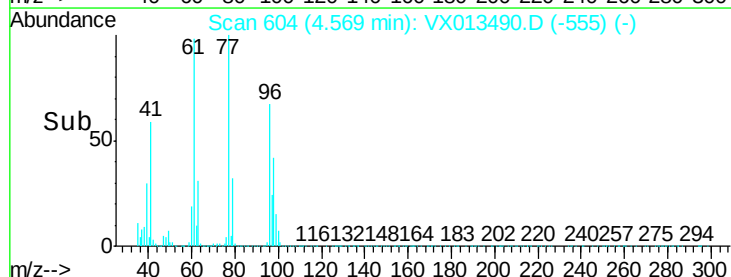
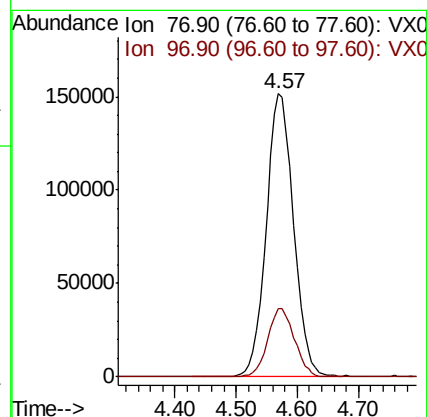
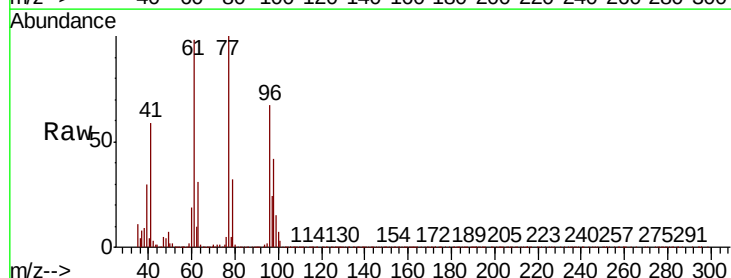
Acq: 20 Nov 2019 20:14

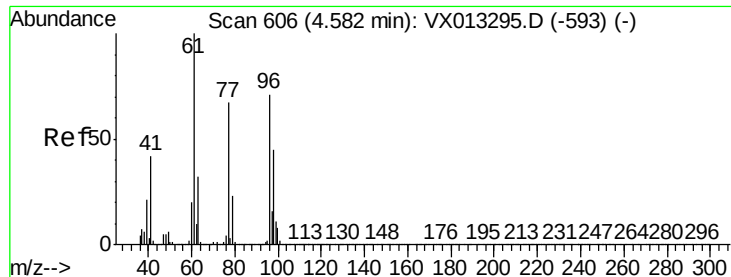
Tgt Ion: 77 Resp: 470827

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8



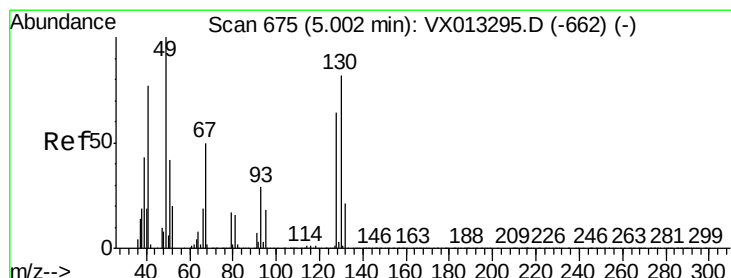
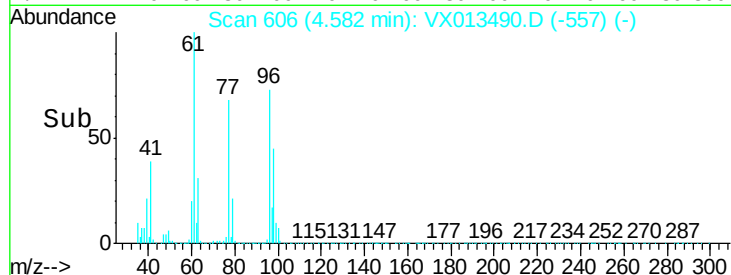
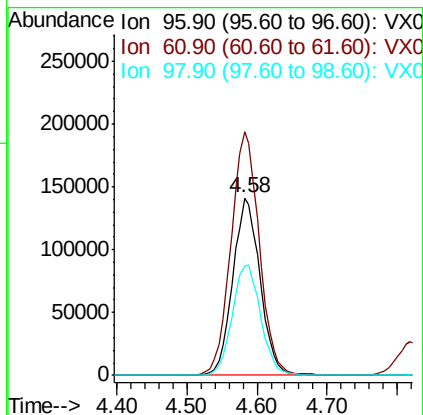
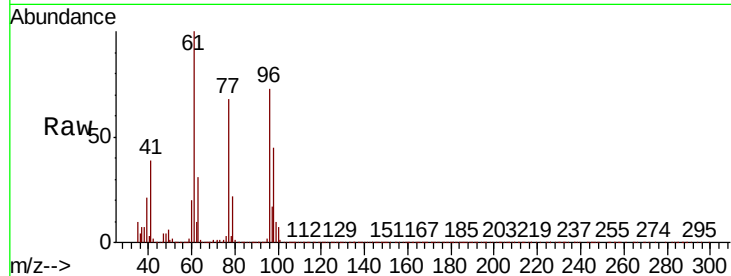


#27

cis-1,2-Dichloroethene
 Concen: 56.254 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

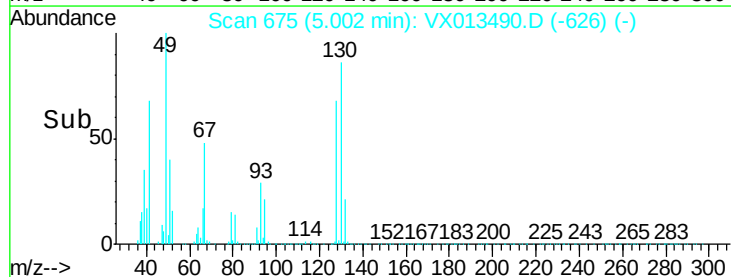
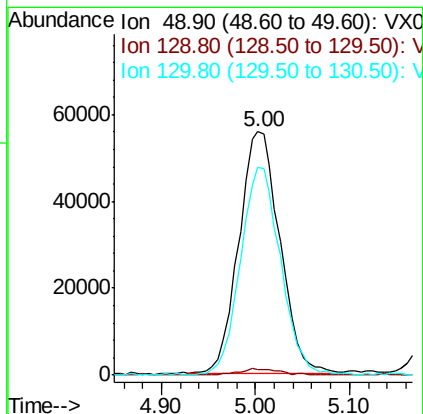
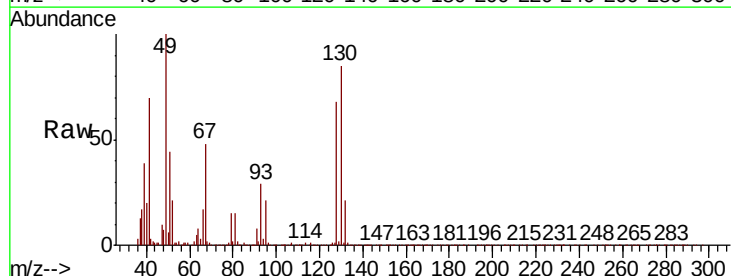
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	288.0
98	64.9	0.0	129.6

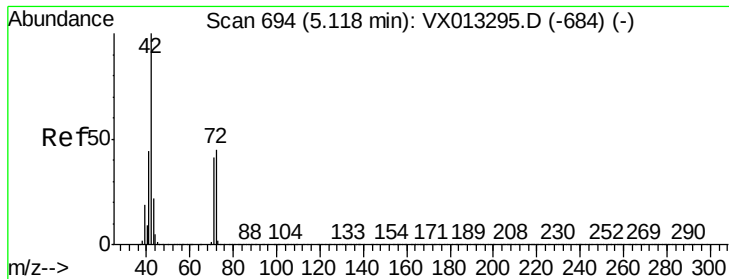


#28

Bromochloromethane
 Concen: 54.659 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	83.8	63.8	95.6

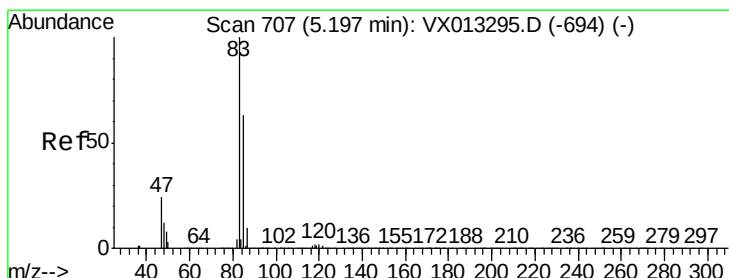
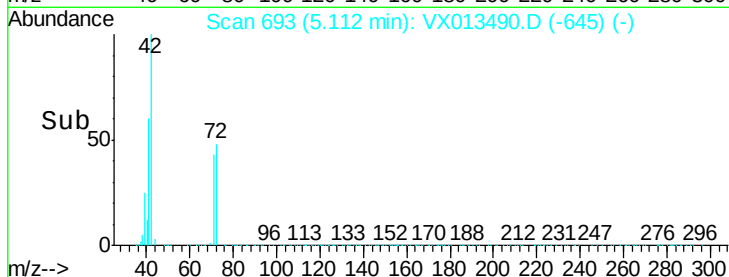
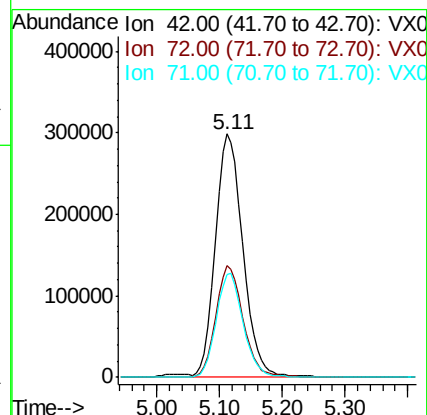
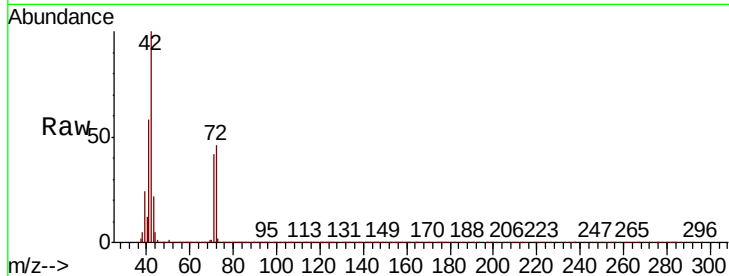




#29
Tetrahydrofuran
Concen: 277.913 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

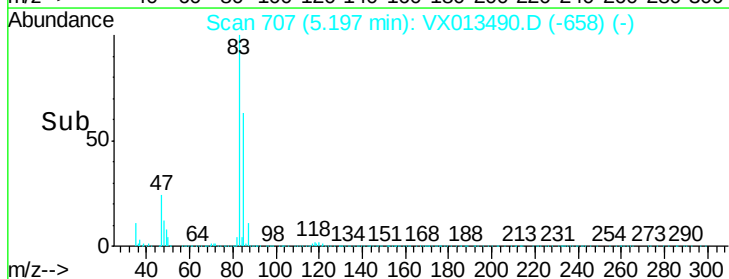
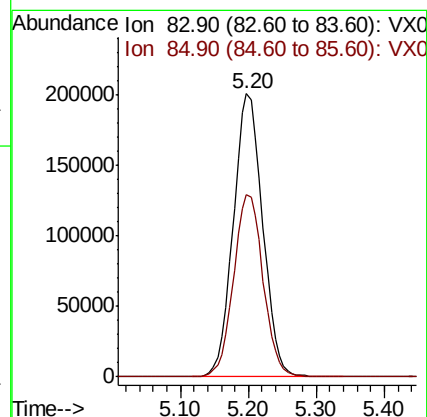
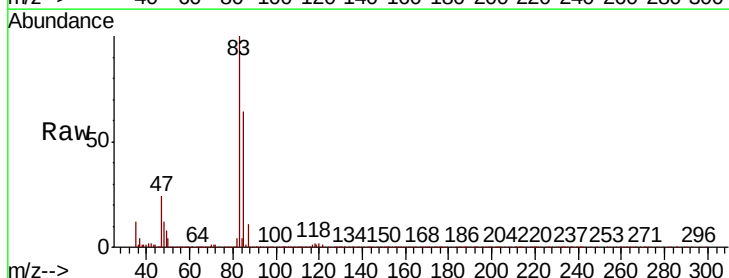
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

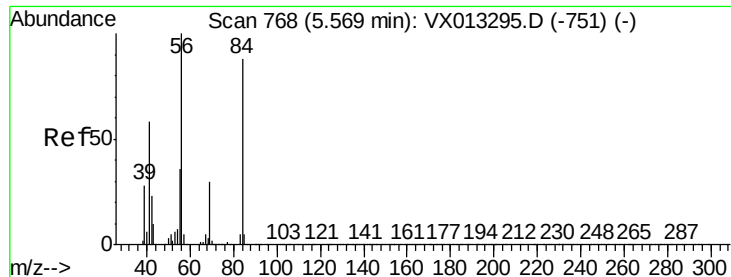
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.8	53.8
71	41.8	33.4	50.0



#30
Chloroform
Concen: 55.532 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4

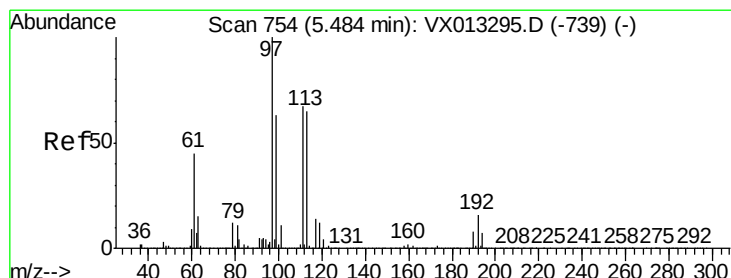
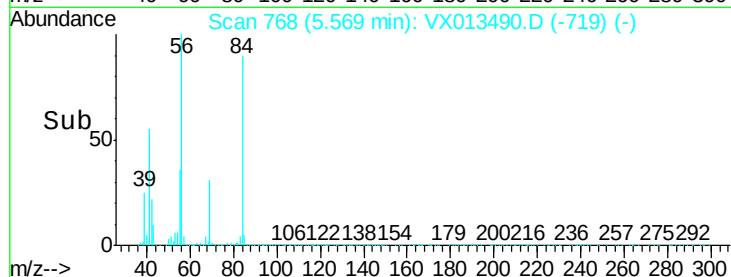
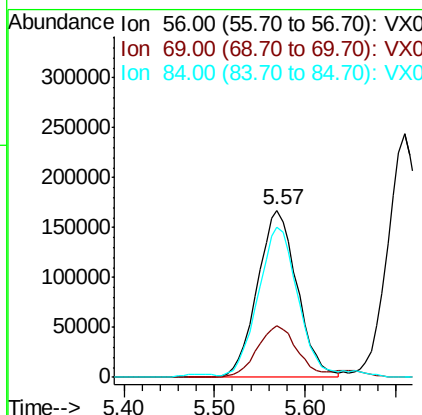
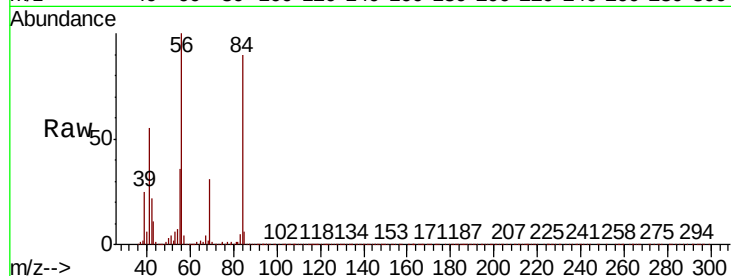




#31
Cyclohexane
Concen: 51.211 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

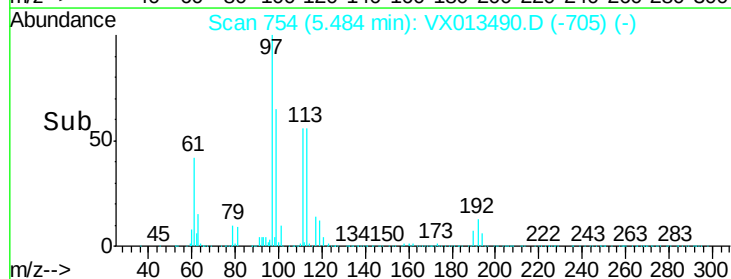
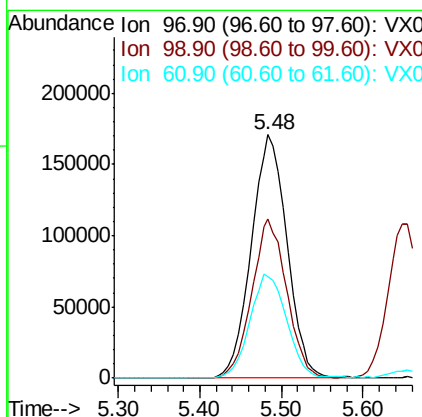
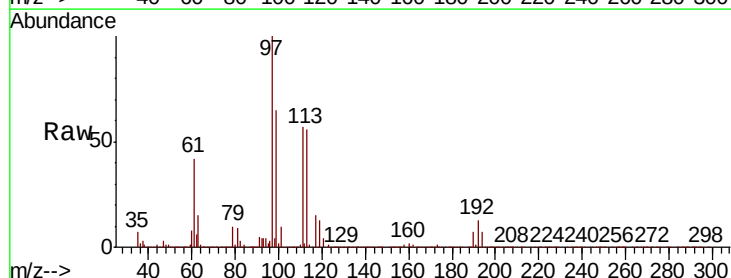
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

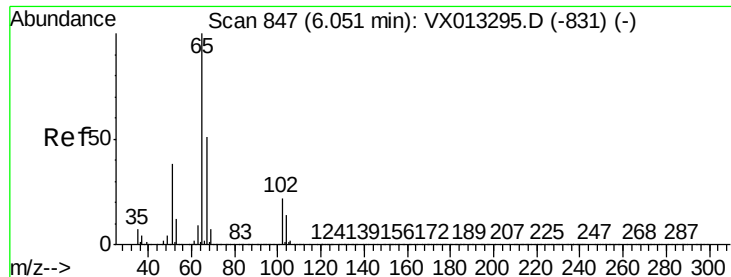
Tot Ion: 56 Resp: 504009
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 89.0 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 55.860 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 97 Resp: 519191
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 43.7 36.5 54.7

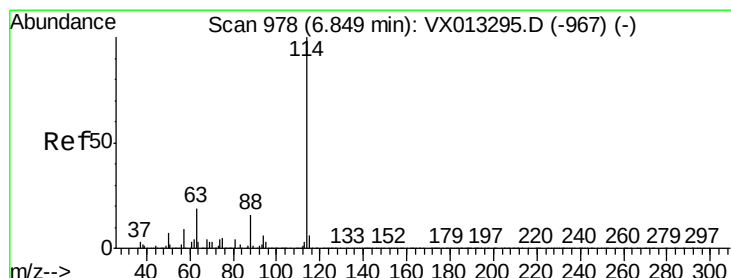
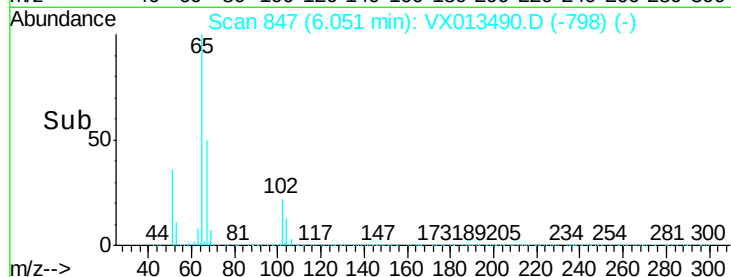
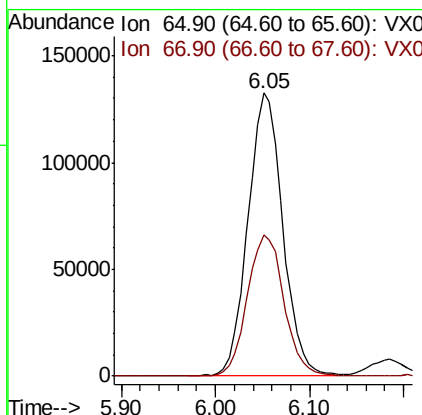
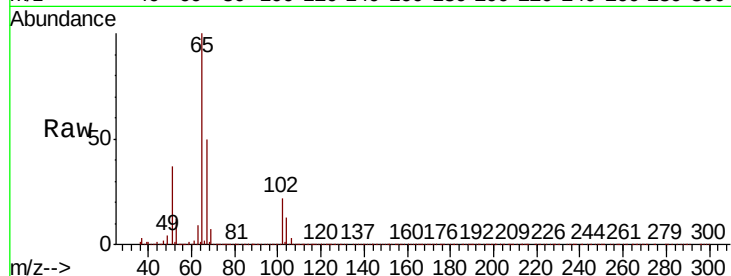




#33
 1,2-Dichloroethane-d4
 Concen: 47.213 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

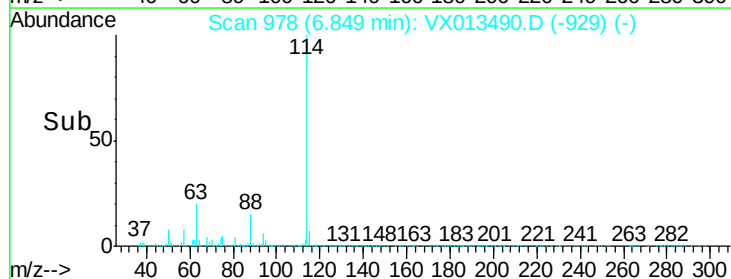
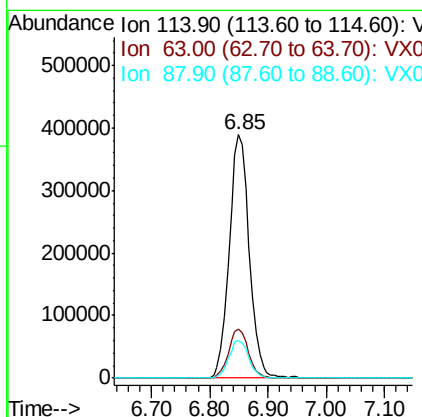
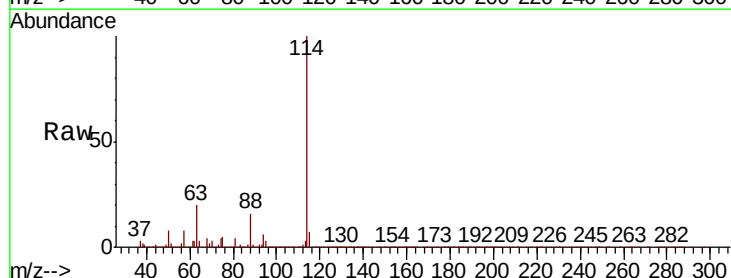
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

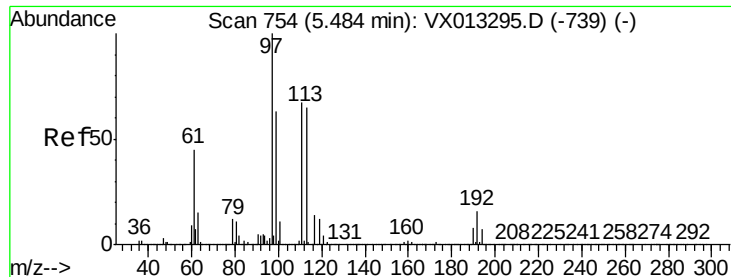
Tot Ion: 65 Resp: 339870
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion: 114 Resp: 932069
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 15.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.435 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

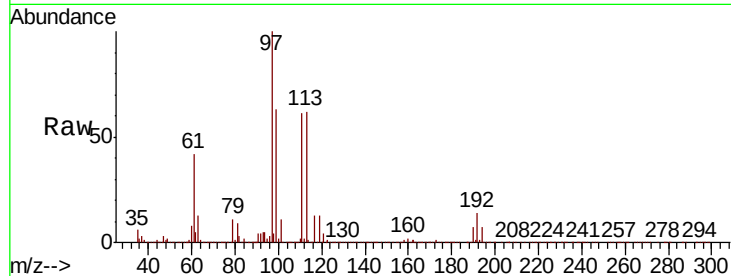
Tot Ion:113 Resp: 283152

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

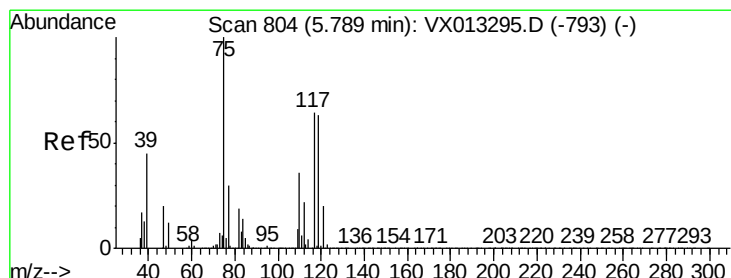
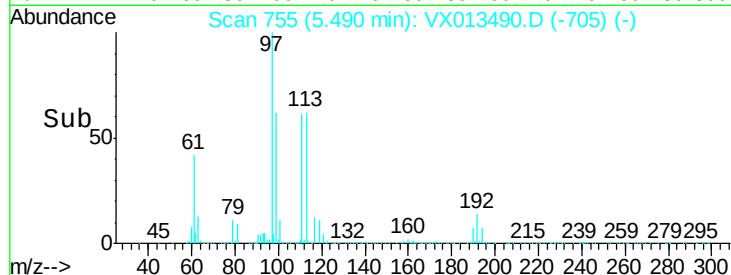
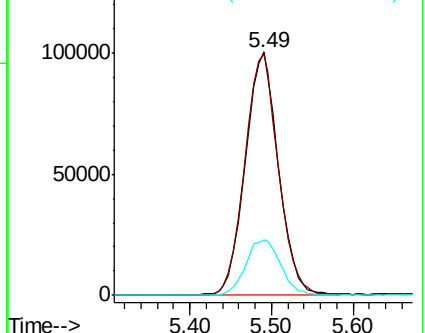
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.609 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

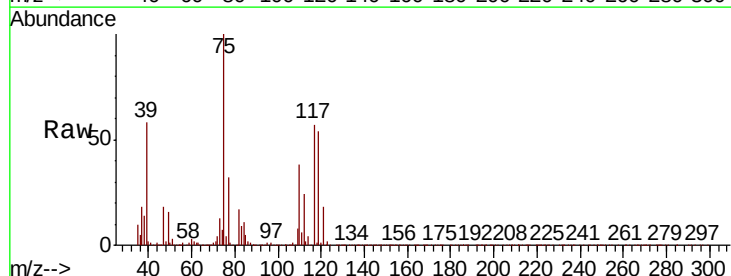
Tgt Ion: 75 Resp: 428661

Ion Ratio Lower Upper

75 100

110 38.0 18.1 54.1

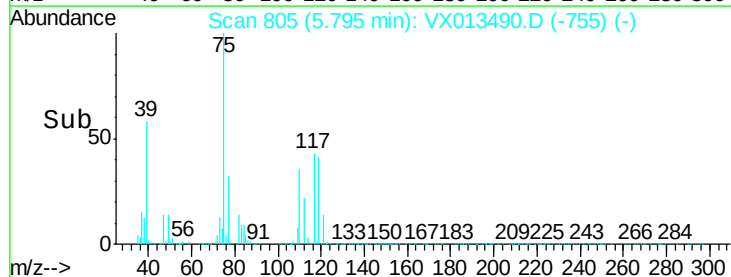
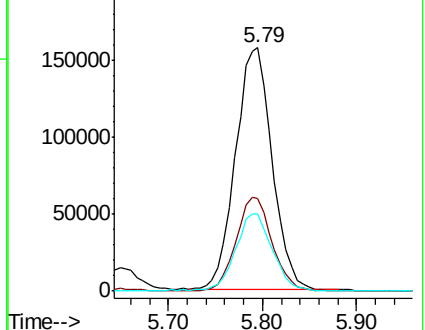
77 31.6 25.0 37.4

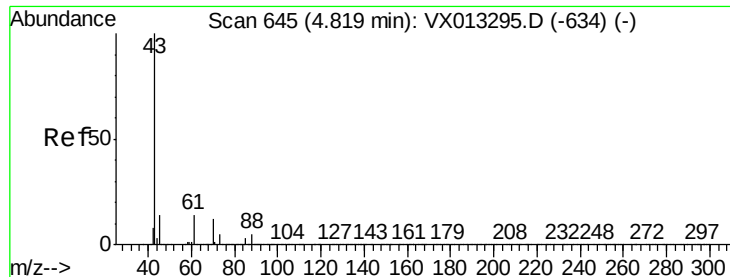


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

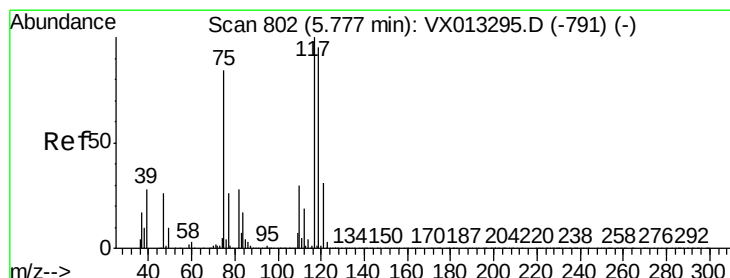
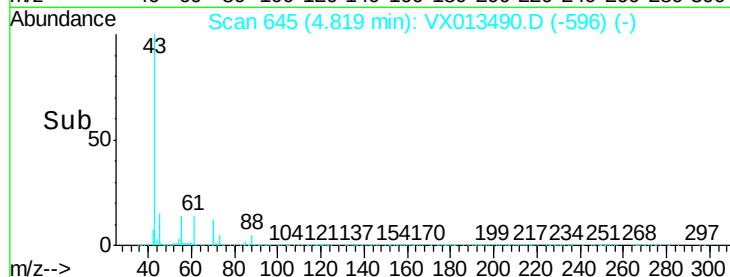
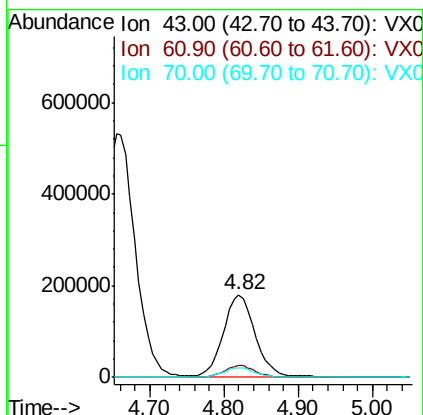
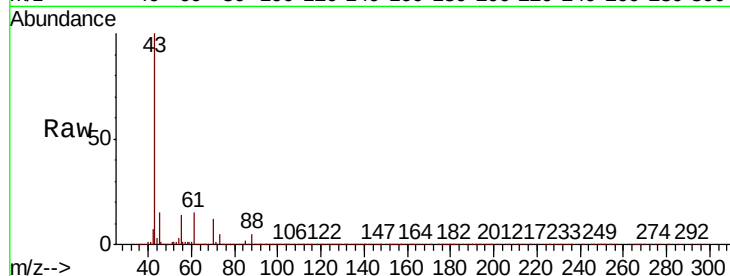




#37
Ethyl Acetate
Concen: 54.395 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

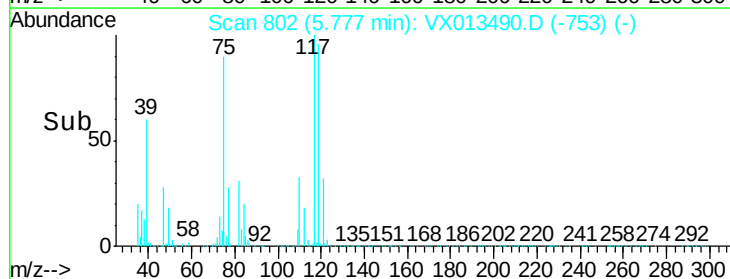
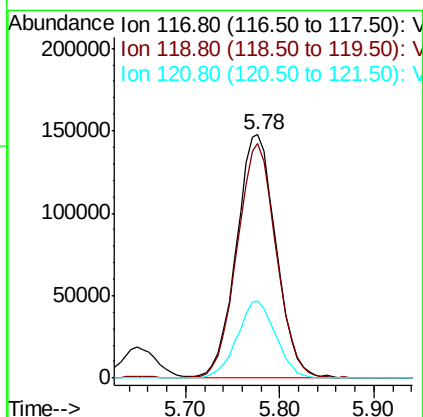
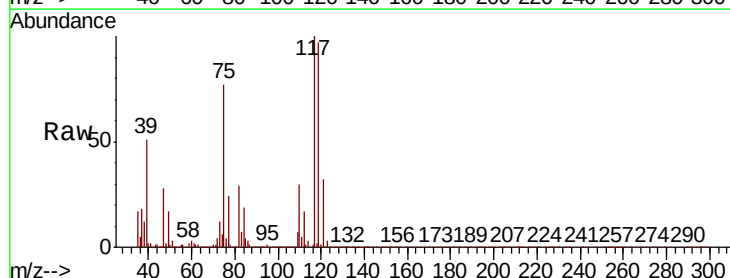
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

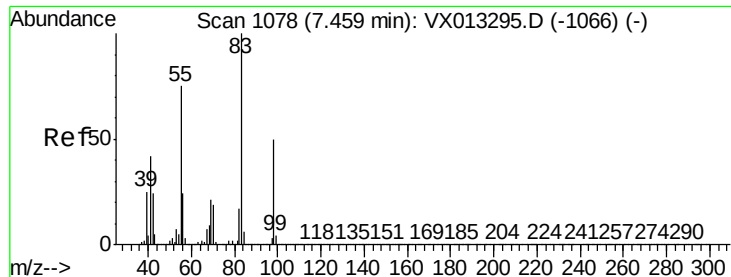
Tot Ion: 43 Resp: 537448
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 55.181 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 117 Resp: 431465
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 31.8 24.6 37.0

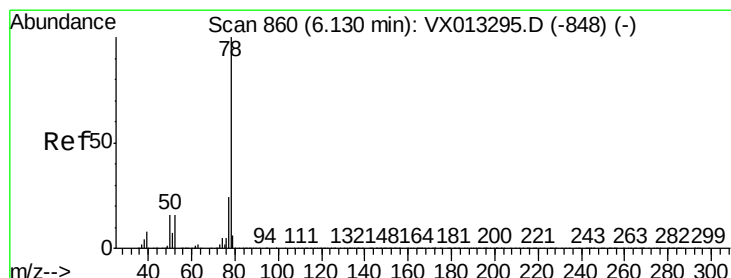
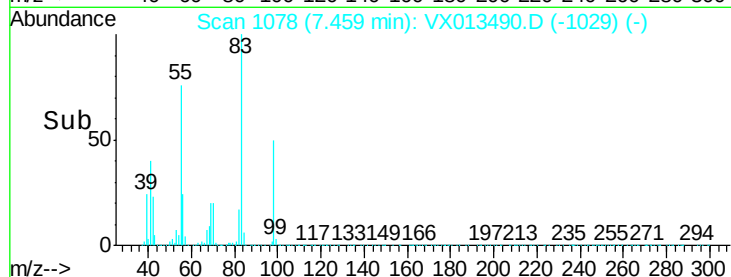
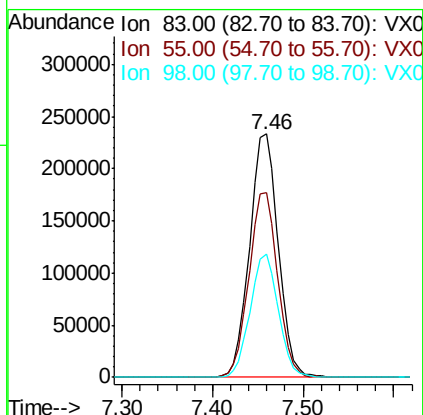
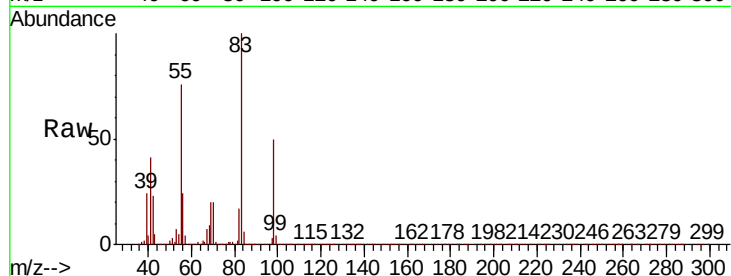




#39
Methylvlcyclohexane
Concen: 51.361 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

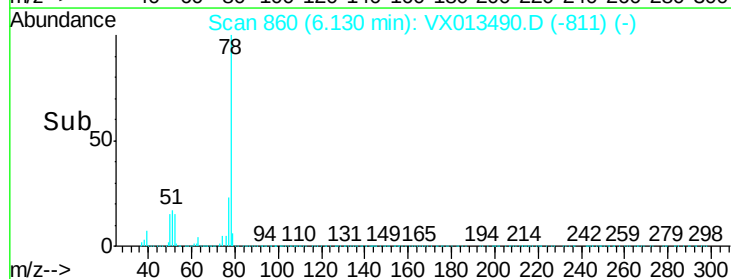
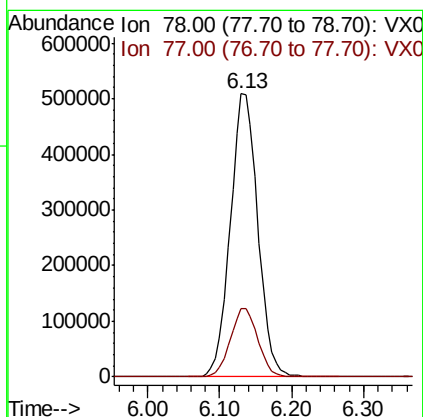
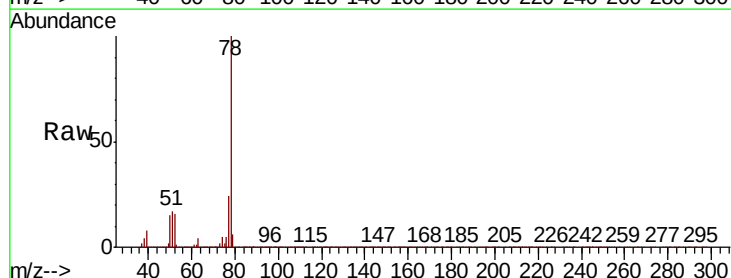
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

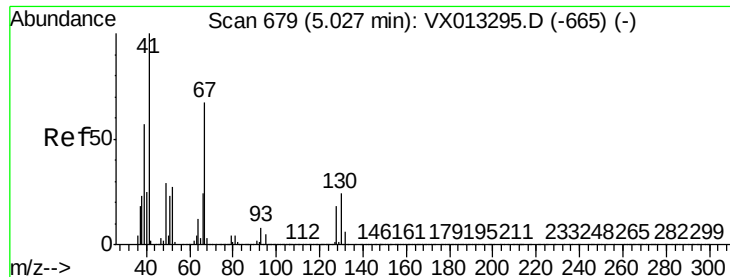
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.3	90.5
98	50.3	40.3	60.5



#40
Benzene
Concen: 54.060 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3

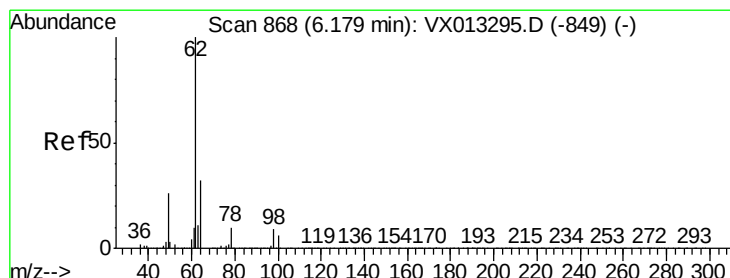
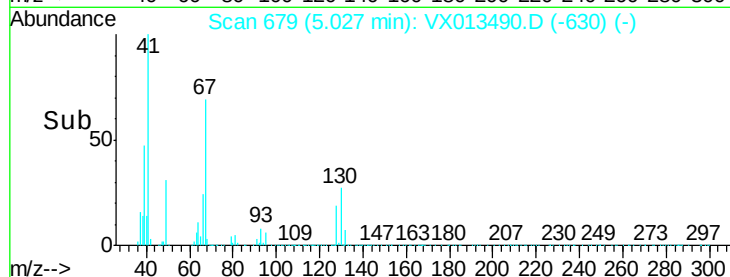
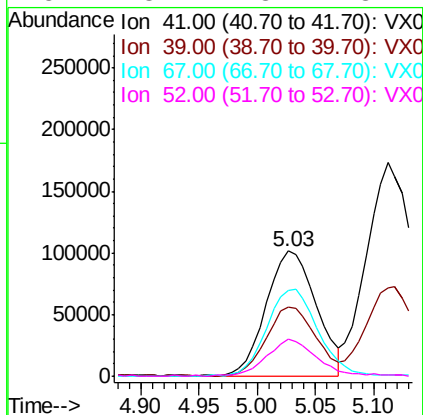
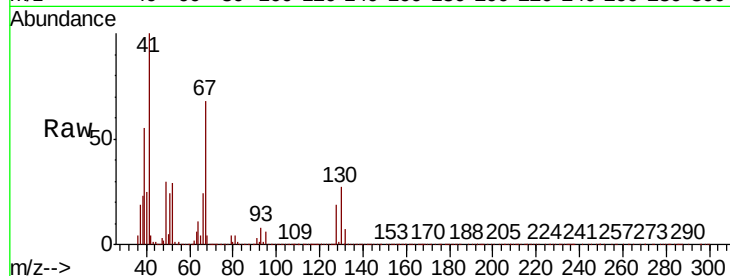




#41
Methacrylonitrile
Concen: 54.377 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

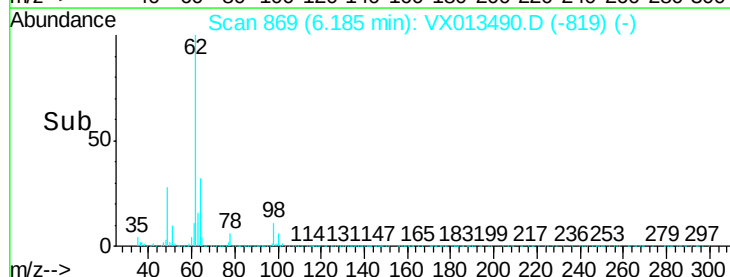
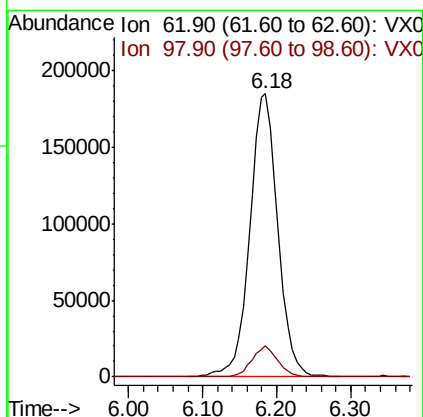
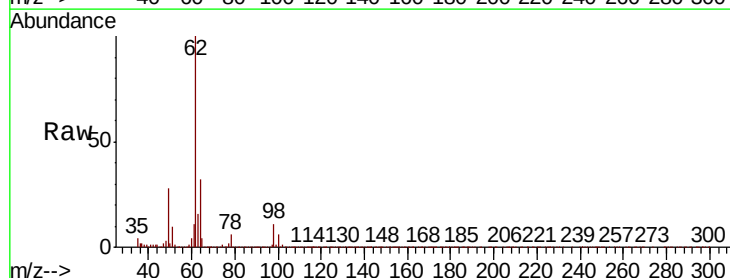
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

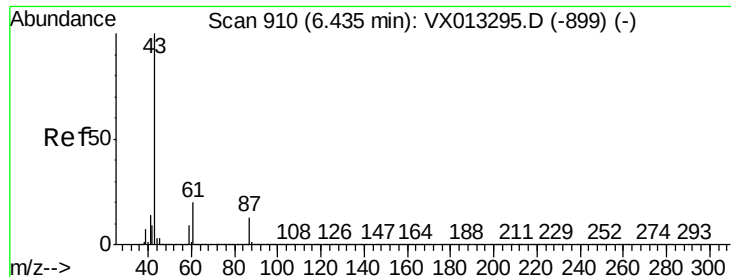
Tot Ion:	41	Resp:	301140
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.0	67.6
67	71.3	55.4	83.2
52	28.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 53.810 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion:	62	Resp:	483437
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 57.169 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

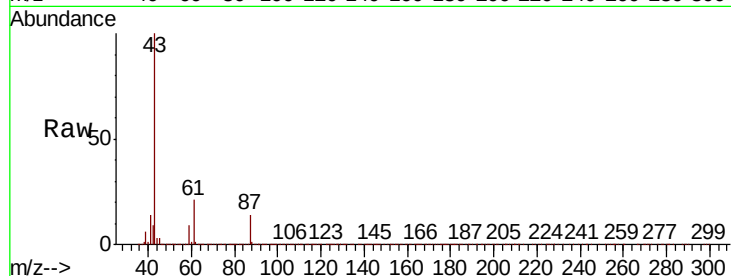
Tot Ion: 43 Resp: 879577

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

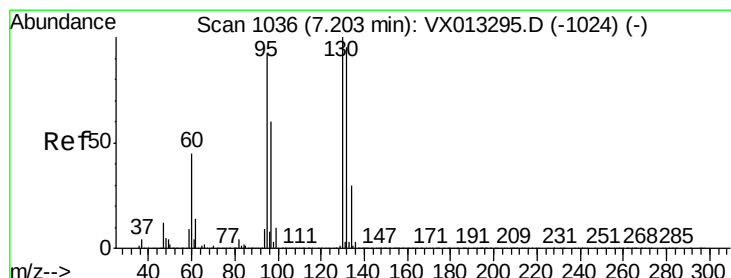
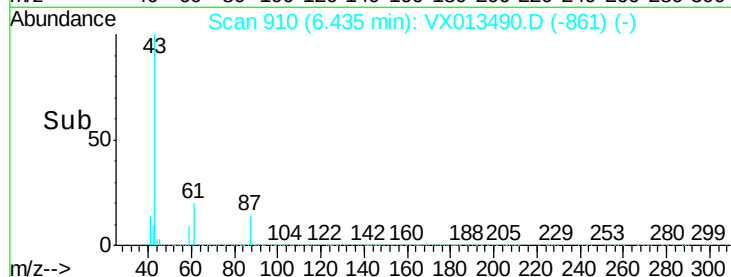
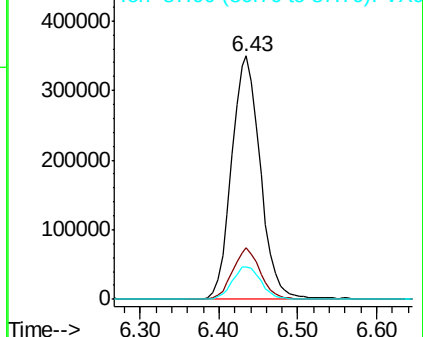
87 13.5 10.4 15.6



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: 56.140 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013490.D

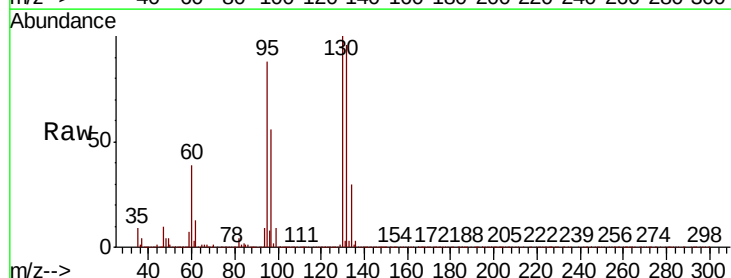
Acq: 20 Nov 2019 20:14

Tgt Ion:130 Resp: 384904

Ion Ratio Lower Upper

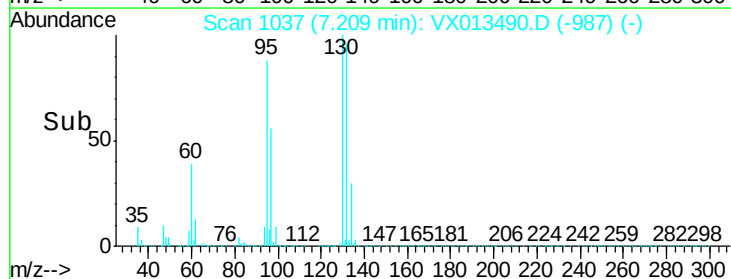
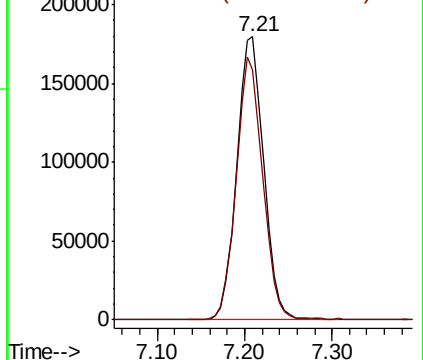
130 100

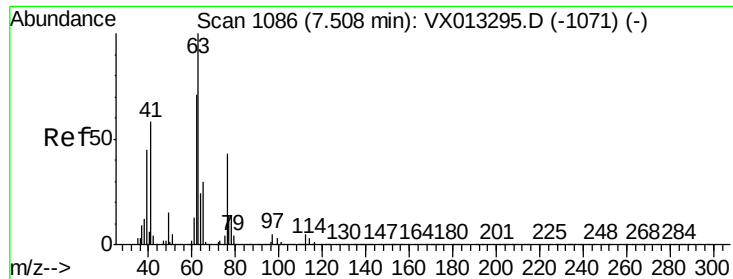
95 88.5 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

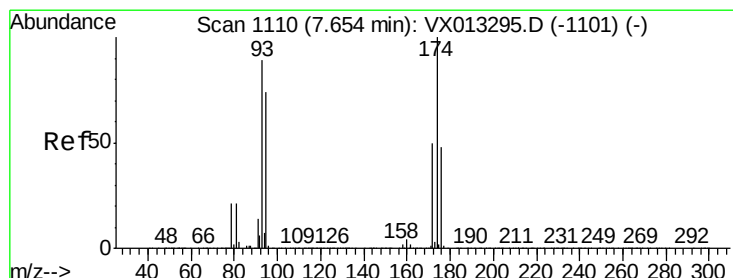
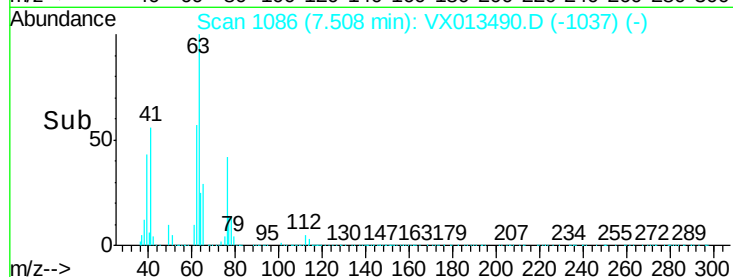
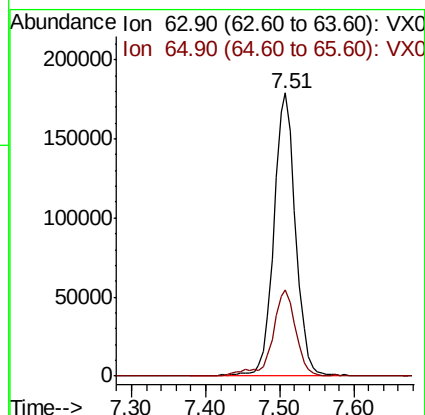
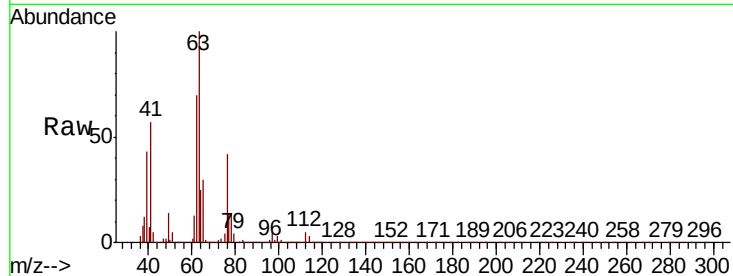




#45
 1,2-Dichloropropane
 Concen: 56.810 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

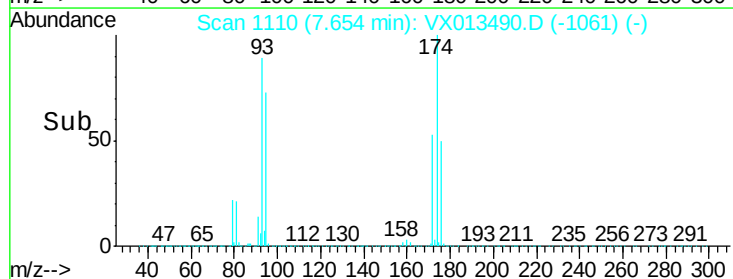
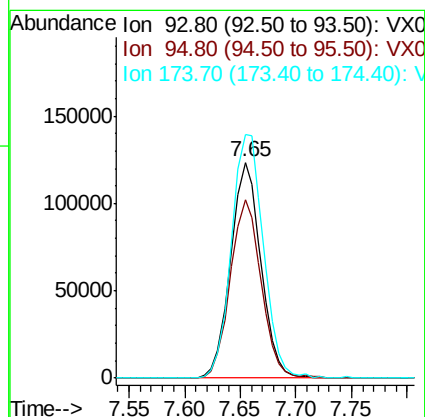
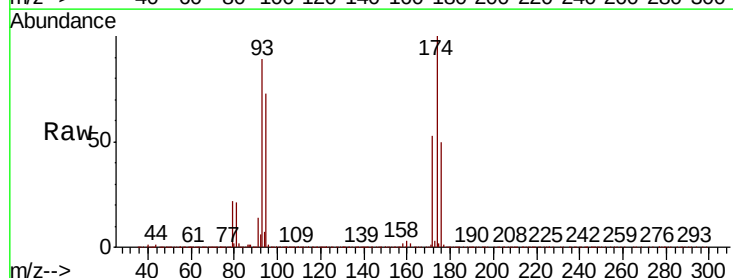
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

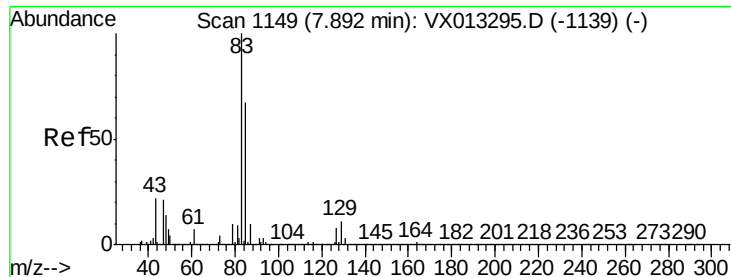
Tot Ion: 63 Resp: 360530
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.3 36.5



#46
 Dibromomethane
 Concen: 53.544 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion: 93 Resp: 232011
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.8 98.6
 174 119.6 90.4 135.6





#47

Bromodichloromethane

Concen: 58.601 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

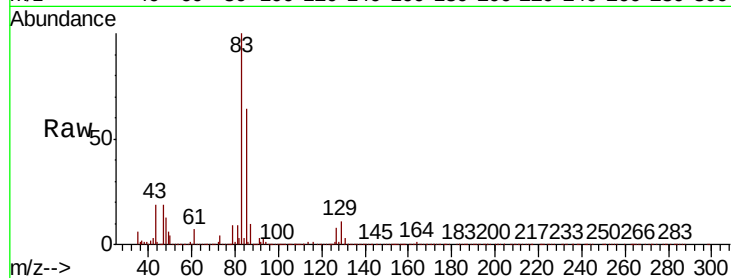
Tot Ion: 83 Resp: 478820

Ion Ratio Lower Upper

83 100

85 64.0 53.7 80.5

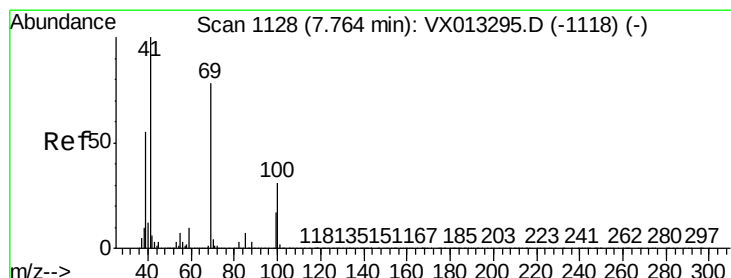
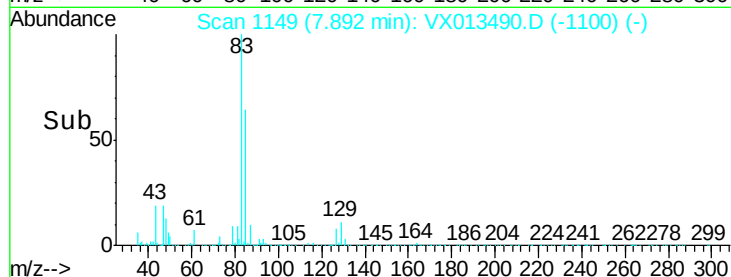
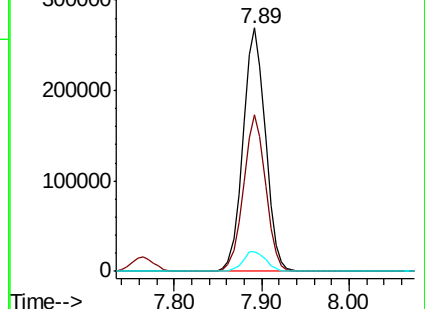
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.893 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

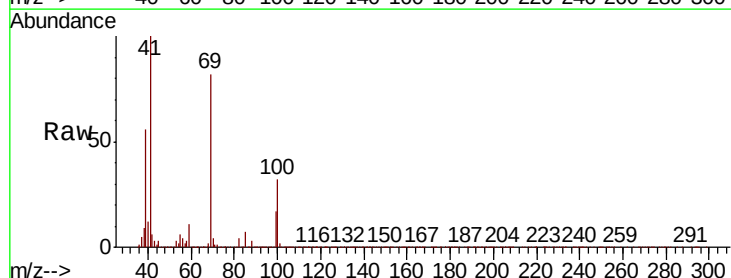
Tgt Ion: 41 Resp: 436942

Ion Ratio Lower Upper

41 100

69 82.0 63.0 94.6

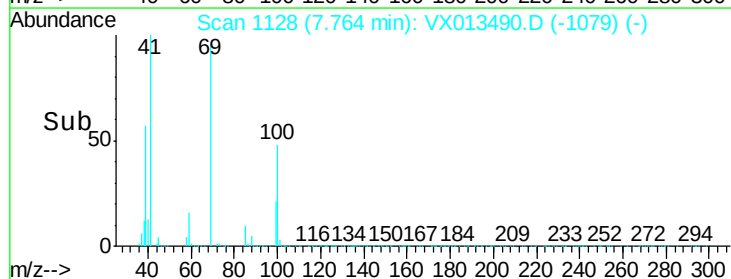
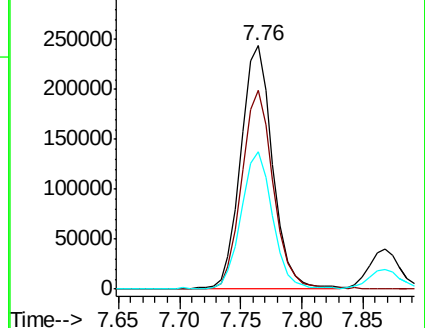
39 55.7 45.9 68.9

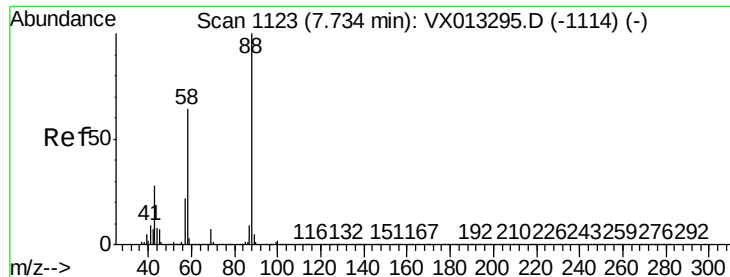


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 959.208 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

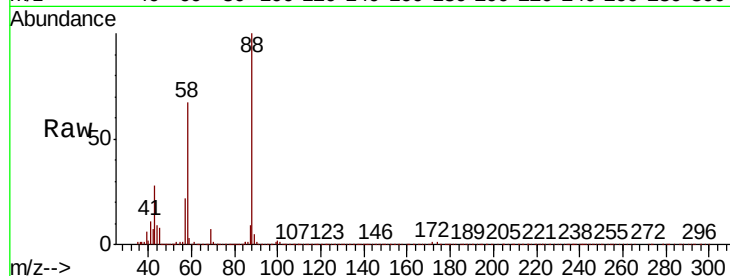
Tot Ion: 88 Resp: 168708

Ion Ratio Lower Upper

88 100

43 33.1 26.6 39.8

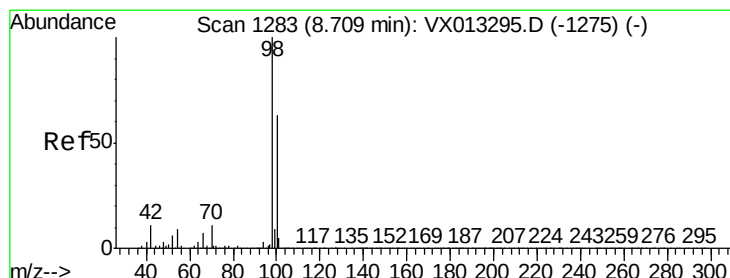
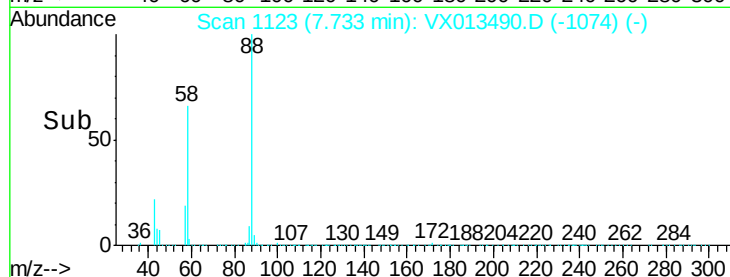
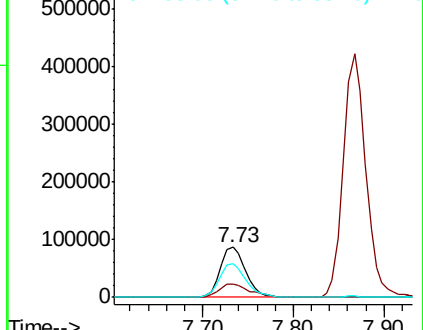
58 70.1 55.0 82.6



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: 48.078 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013490.D

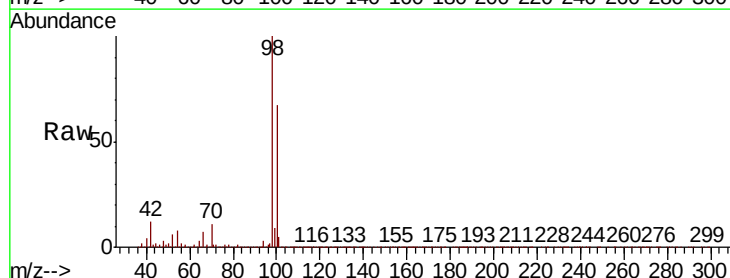
Acq: 20 Nov 2019 20:14

Tgt Ion: 98 Resp: 1059598

Ion Ratio Lower Upper

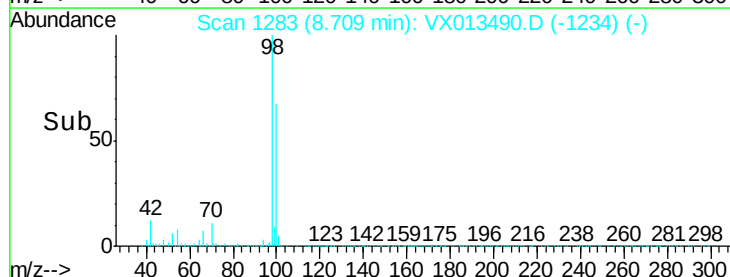
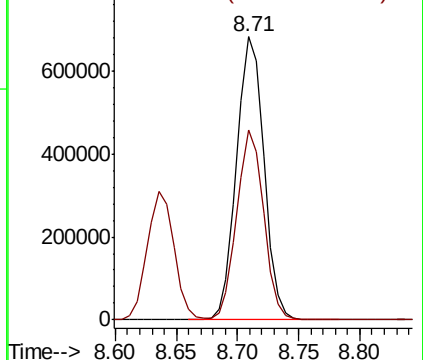
98 100

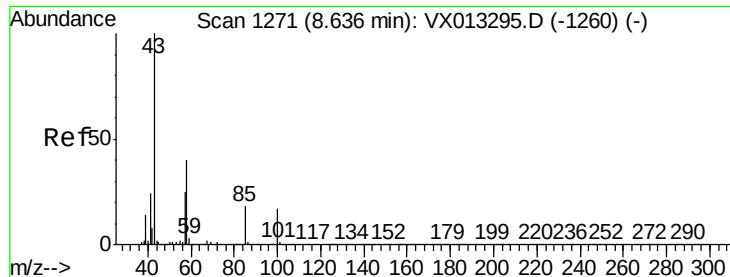
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 278.333 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

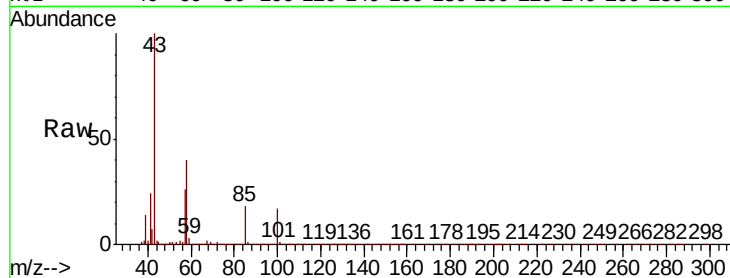
VSTDCCC050EC

Tot Ion: 43 Resp: 2809554

Ion Ratio Lower Upper

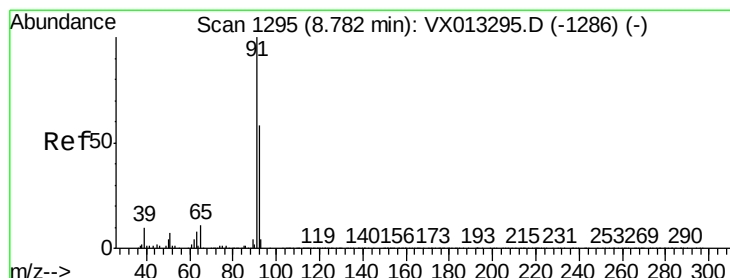
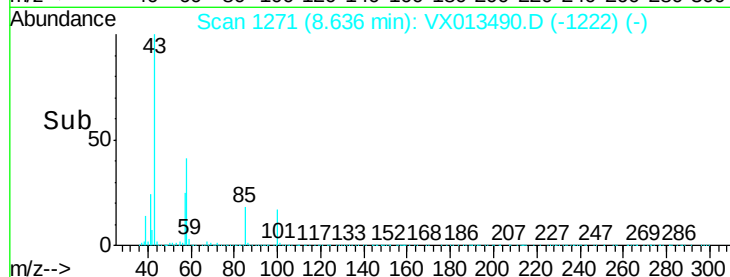
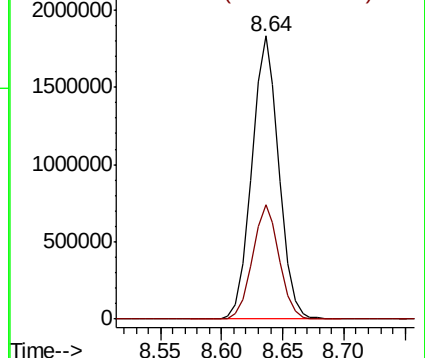
43 100

58 40.1 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.758 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013490.D

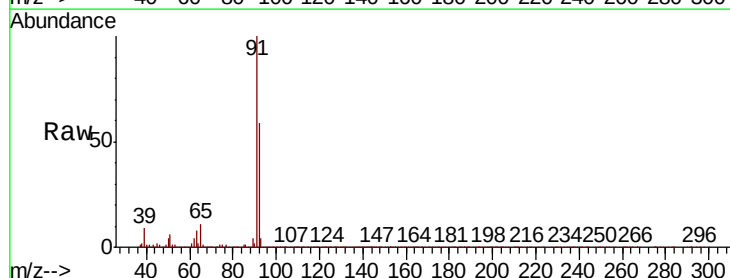
Acq: 20 Nov 2019 20:14

Tgt Ion: 92 Resp: 860753

Ion Ratio Lower Upper

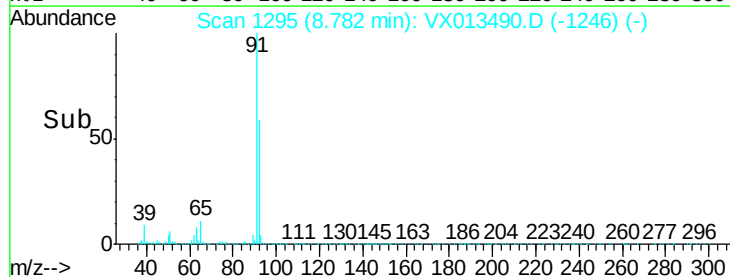
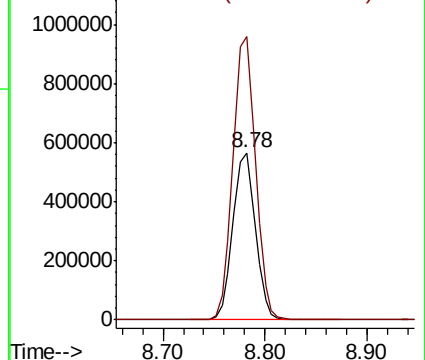
92 100

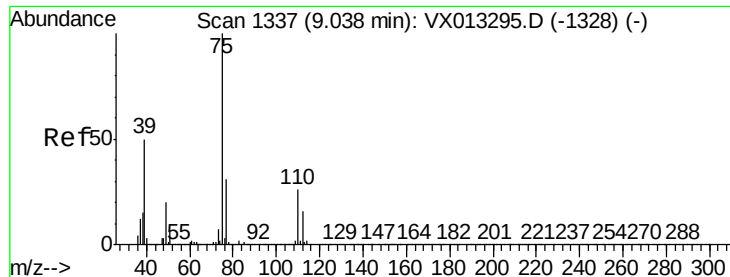
91 170.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

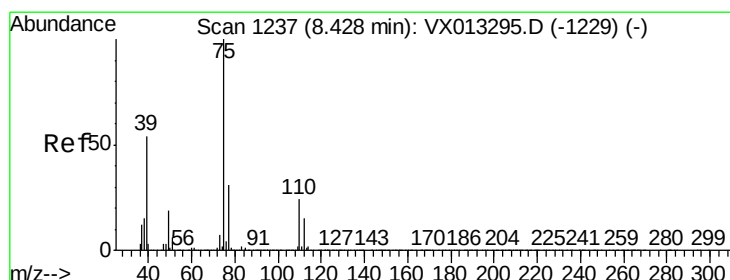
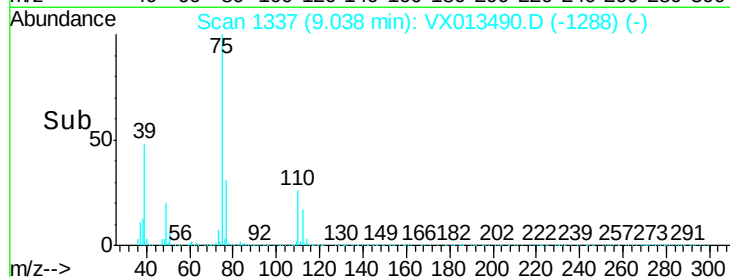
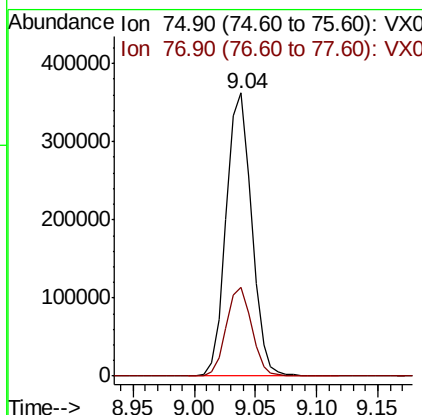
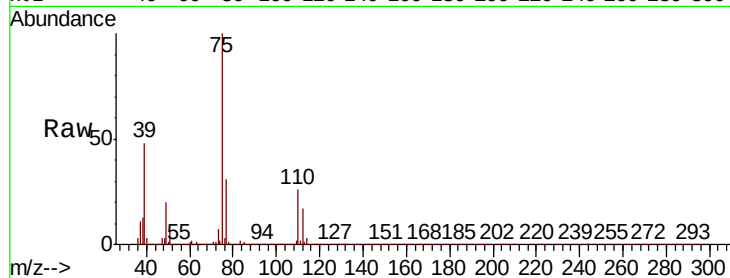




#53
t-1,3-Dichloropropene
Concen: 58.267 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

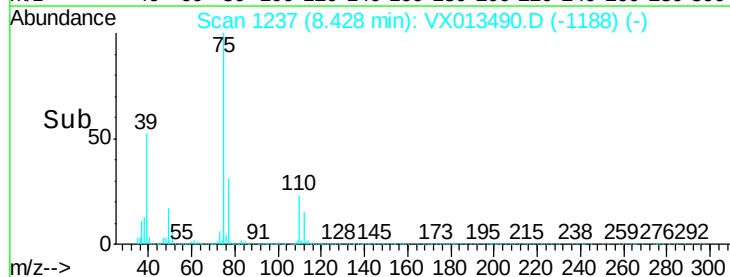
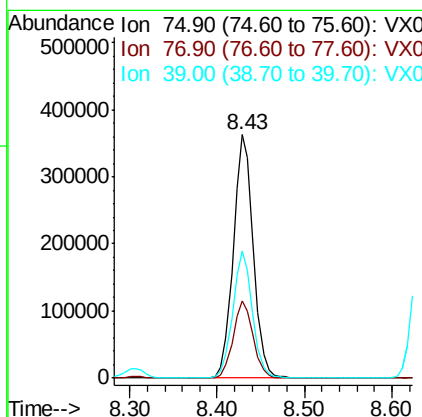
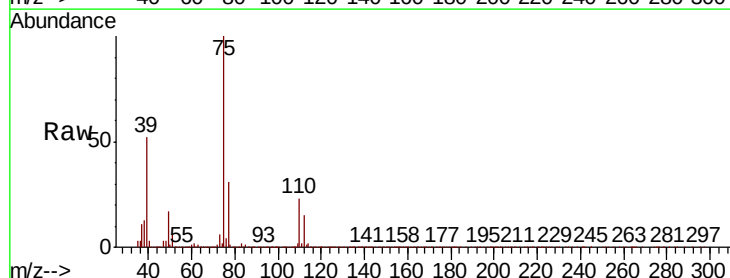
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

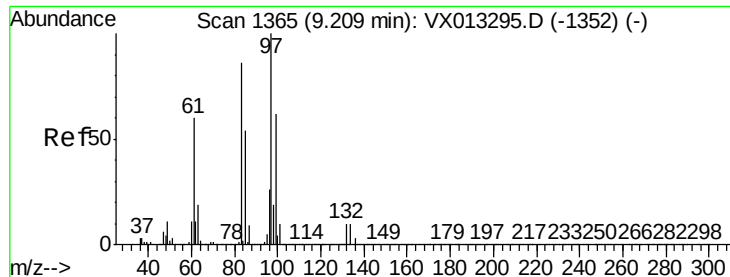
Tot Ion: 75 Resp: 520600
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 57.741 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 75 Resp: 577098
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 52.0 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 56.846 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 363734

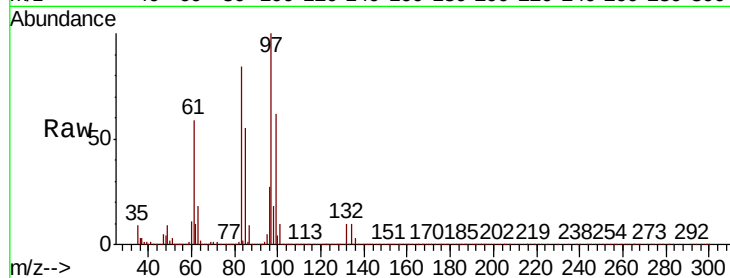
Ion Ratio Lower Upper

97 100

83 84.1 68.6 103.0

85 54.8 43.1 64.7

99 61.7 49.4 74.0



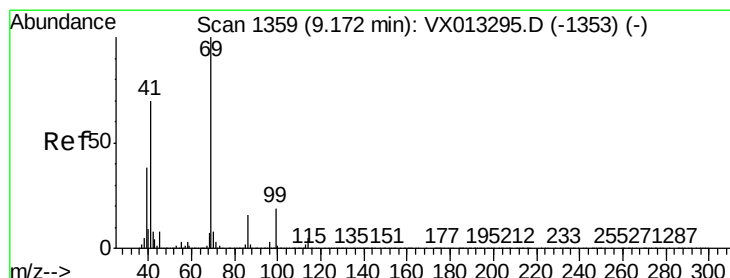
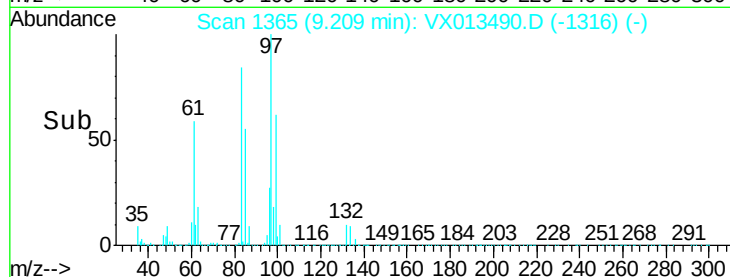
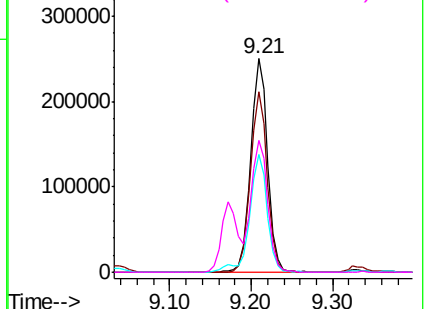
Abundance

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: 54.196 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

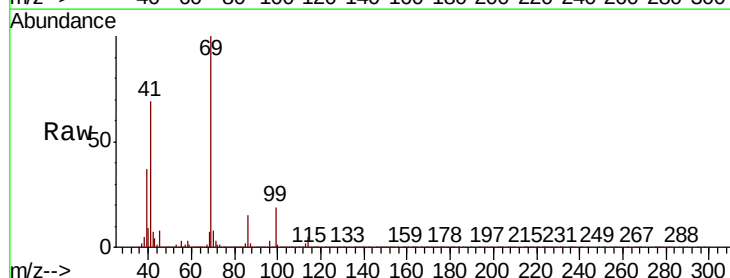
Tgt Ion: 69 Resp: 593503

Ion Ratio Lower Upper

69 100

41 68.0 56.2 84.2

39 36.2 31.1 46.7

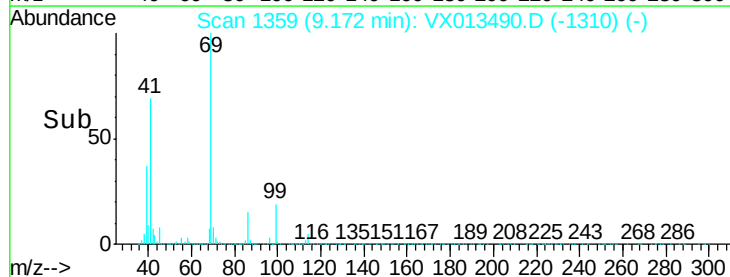
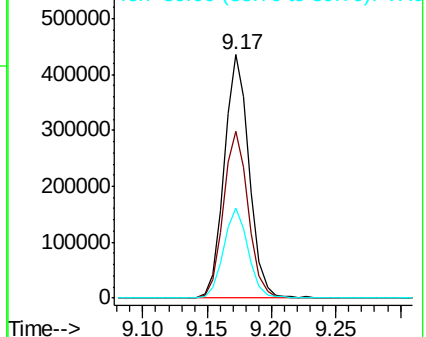


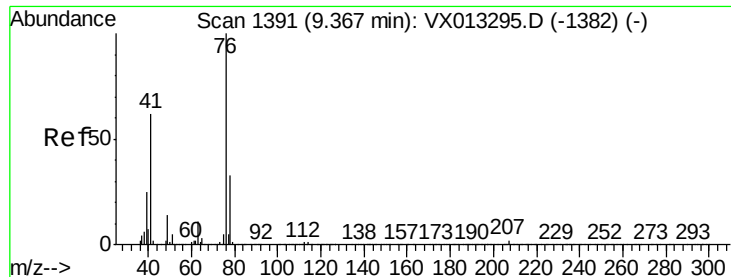
Abundance

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: 55.575 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

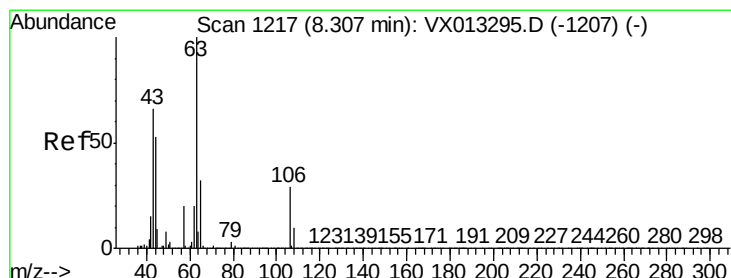
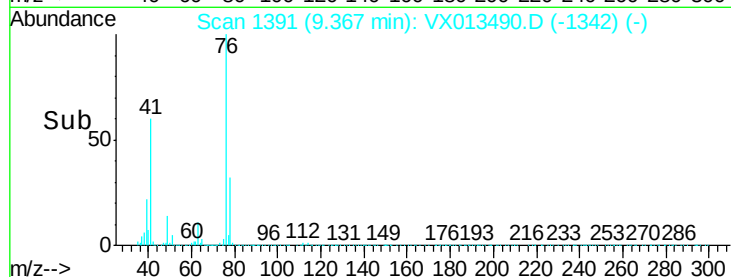
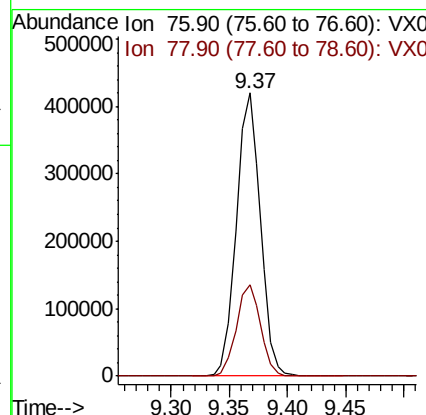
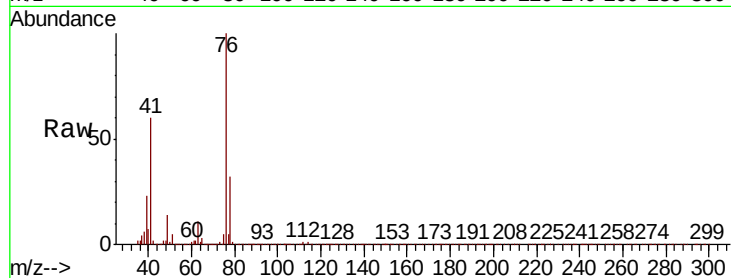
VSTDCCC050EC

Tot Ion: 76 Resp: 603653

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 258.320 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013490.D

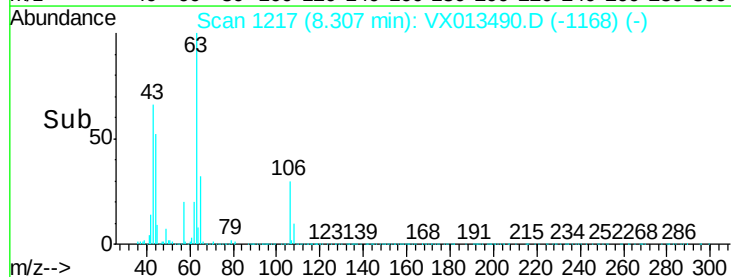
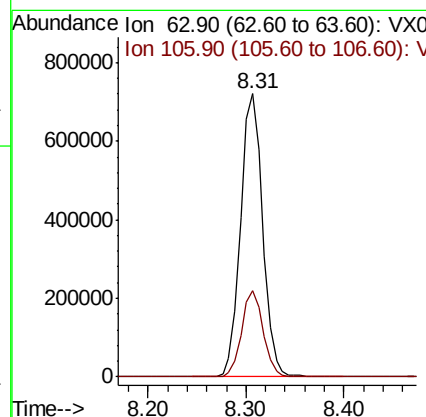
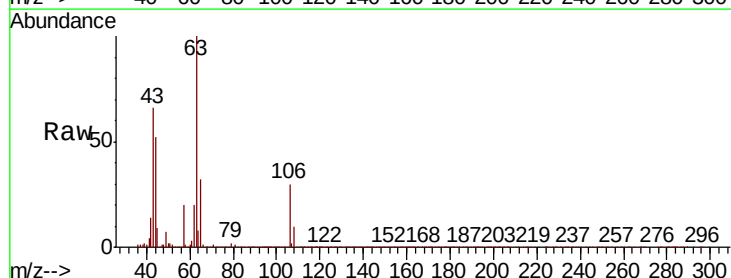
Acq: 20 Nov 2019 20:14

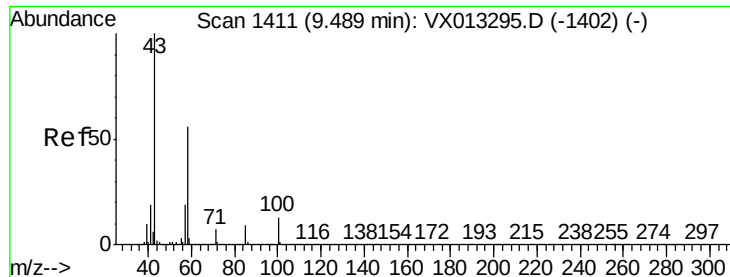
Tgt Ion: 63 Resp: 1130167

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2





#59

2-Hexanone

Concen: 284.769 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

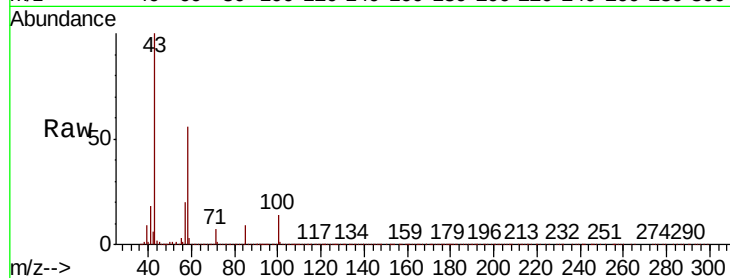
VSTDCCC050EC

Tot Ion: 43 Resp: 2221367

Ion Ratio Lower Upper

43 100

58 55.4 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX013295.D (-1402) (-)

Ion 58.00 (57.70 to 58.70): VX013295.D (-1402) (-)

9.49

1500000

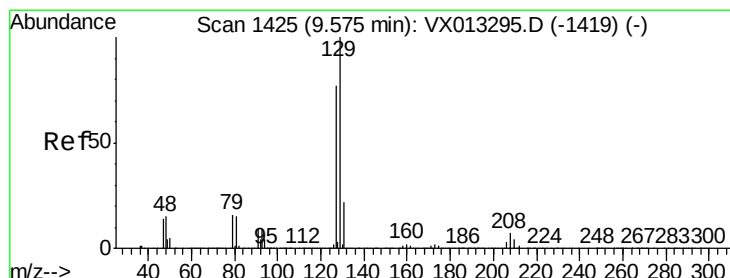
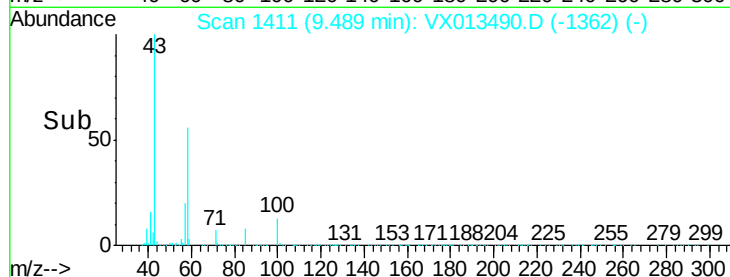
1000000

500000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 59.513 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013490.D

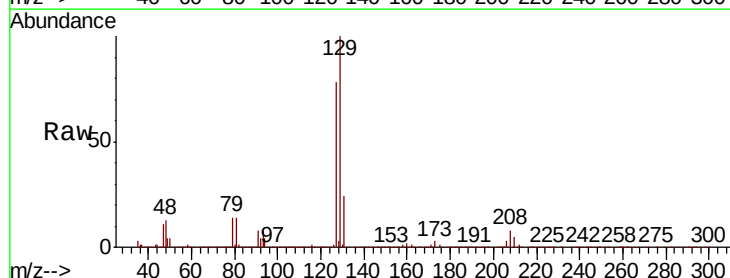
Acq: 20 Nov 2019 20:14

Tgt Ion: 129 Resp: 389457

Ion Ratio Lower Upper

129 100

127 77.9 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VX013295.D (-1419) (-)

Ion 126.80 (126.50 to 127.50): VX013295.D (-1419) (-)

9.58

300000

250000

200000

150000

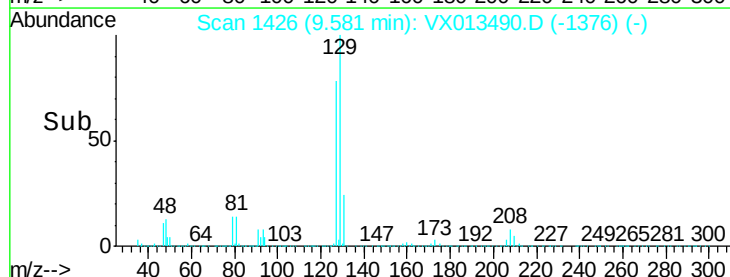
100000

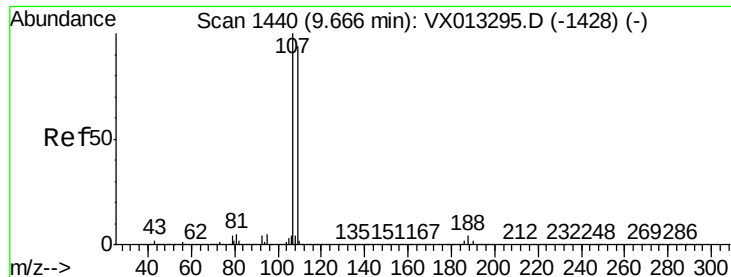
50000

0

9.50 9.55 9.60 9.65 9.70

Time-->





#61

1,2-Dibromoethane

Concen: 55.470 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

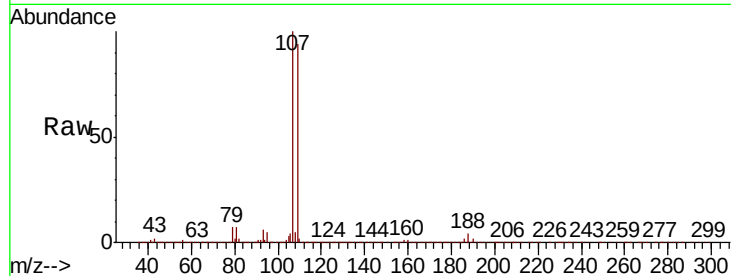
VSTDCCC050EC

Tot Ion:107 Resp: 376890

Ion Ratio Lower Upper

107 100

109 94.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

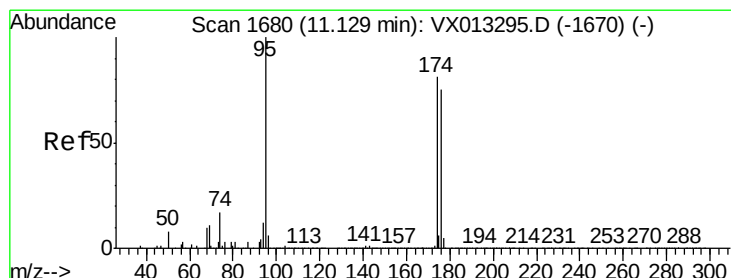
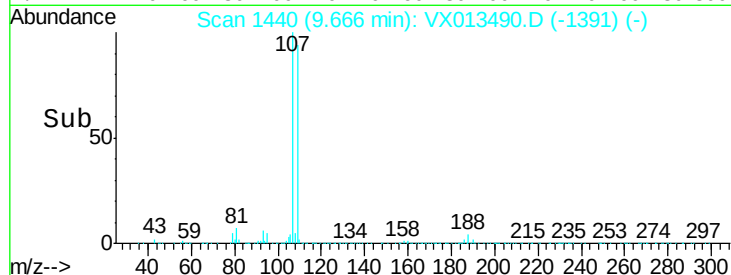
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.941 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

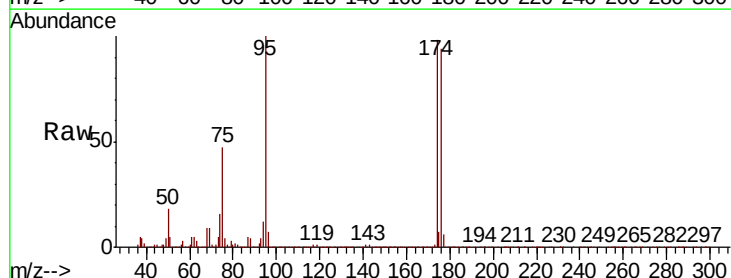
Tgt Ion: 95 Resp: 381322

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 88.6 0.0 173.0



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

400000

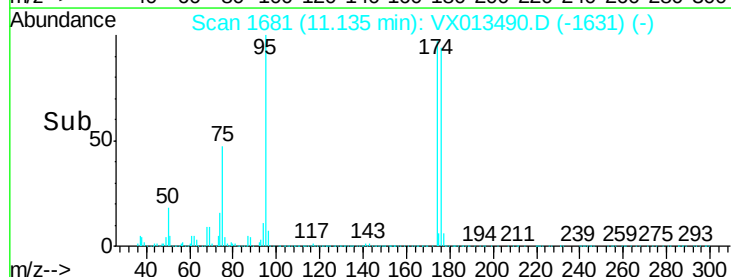
300000

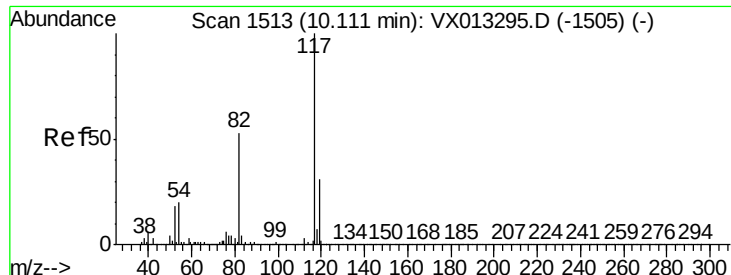
200000

100000

0

Time-->

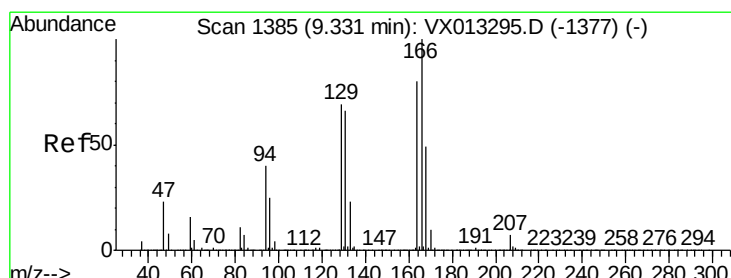
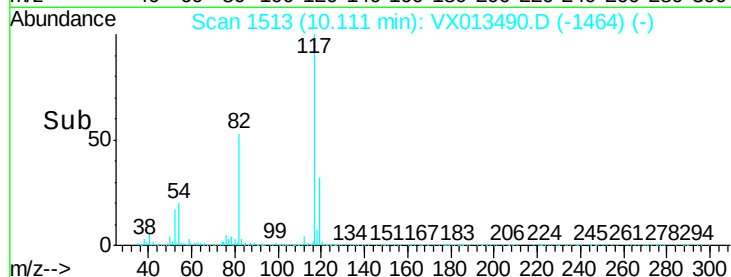
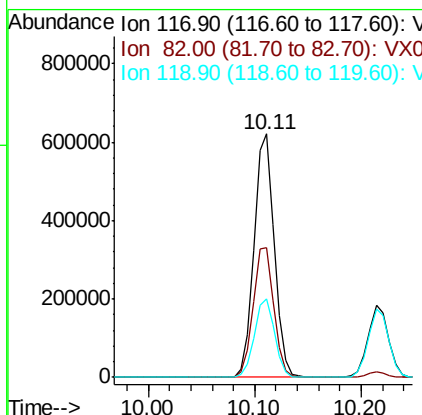
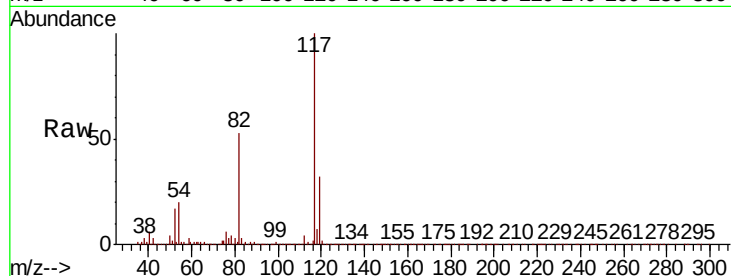




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

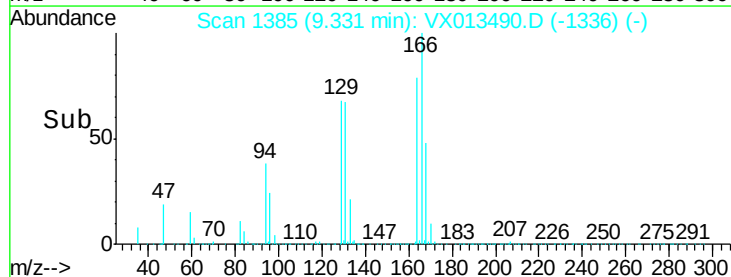
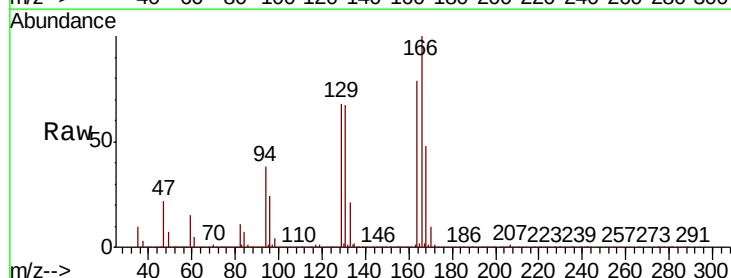
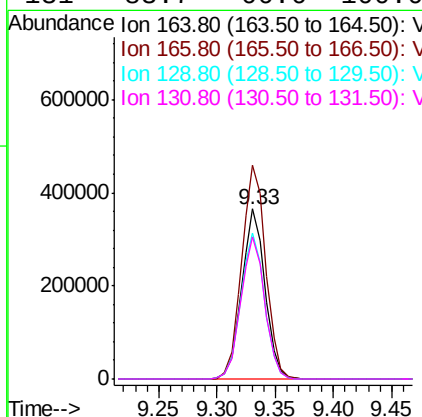
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

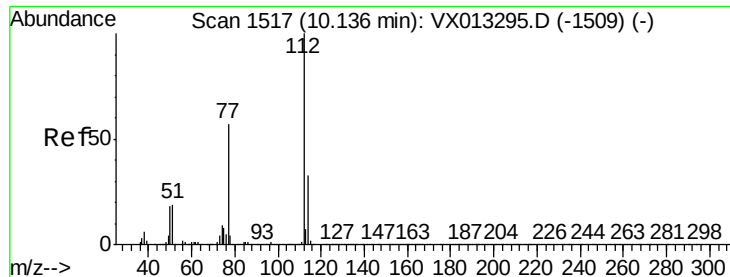
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.4	24.8	37.2



#64
Tetrachloroethene
Concen: 85.680 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.4	150.6
129	86.1	69.4	104.2
131	83.7	66.6	100.0





#65

Chlorobenzene

Concen: 55.625 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

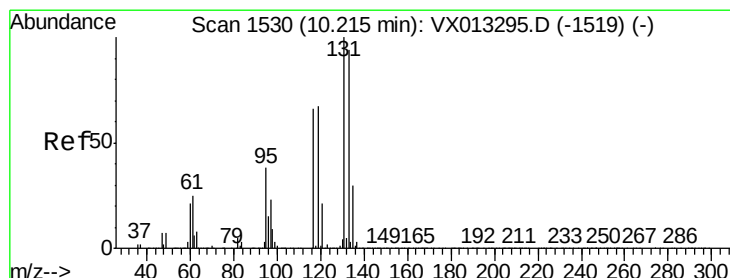
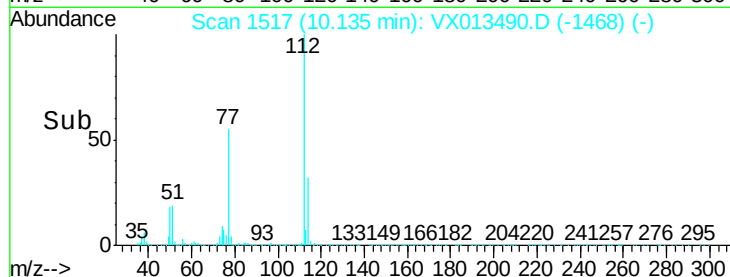
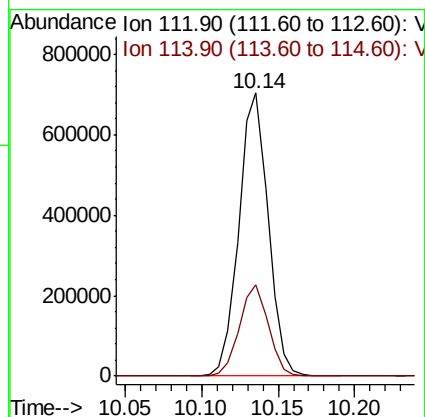
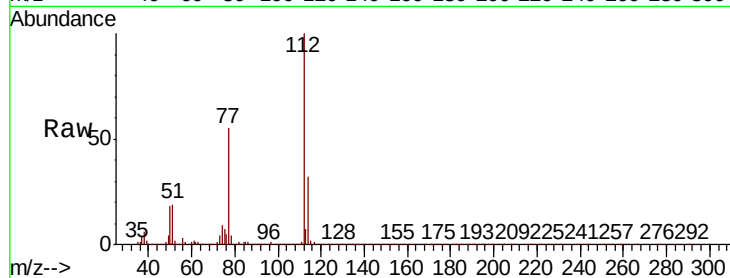
VSTDCCC050EC

Tot Ion:112 Resp: 933470

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 58.569 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

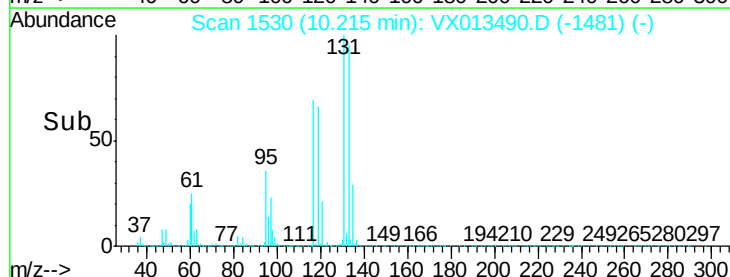
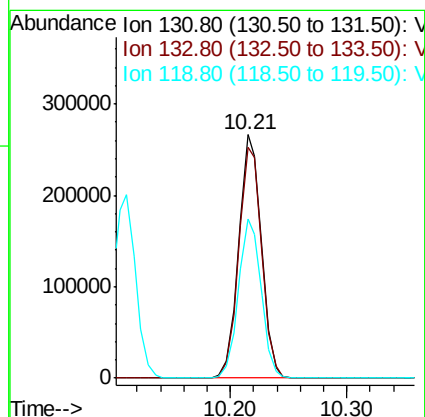
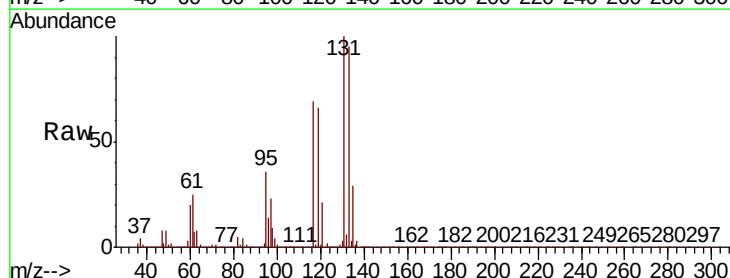
Tgt Ion:131 Resp: 360885

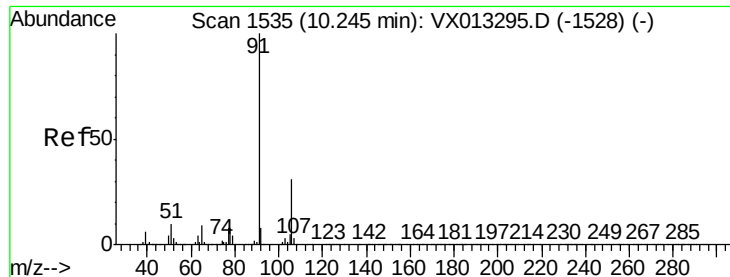
Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 65.5 33.0 99.0





#67

Ethyl Benzene

Concen: 56.558 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

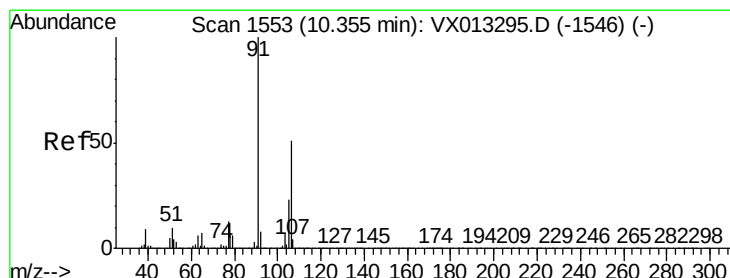
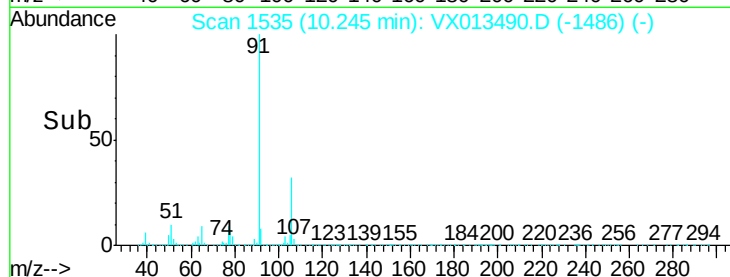
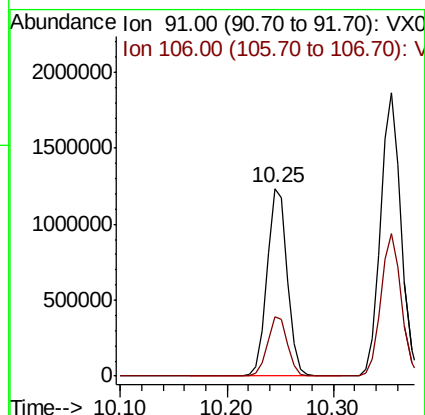
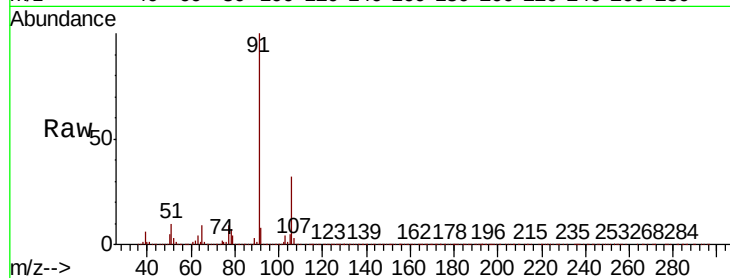
VSTDCCC050EC

Tot Ion: 91 Resp: 1638083

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 113.563 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013490.D

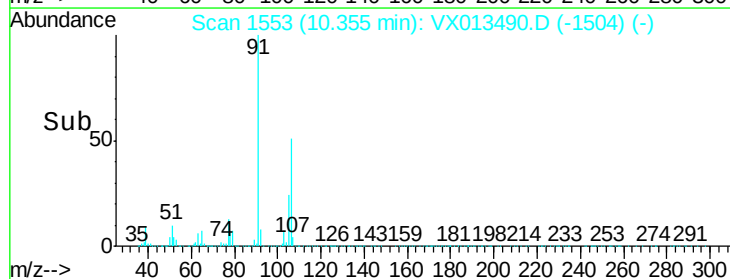
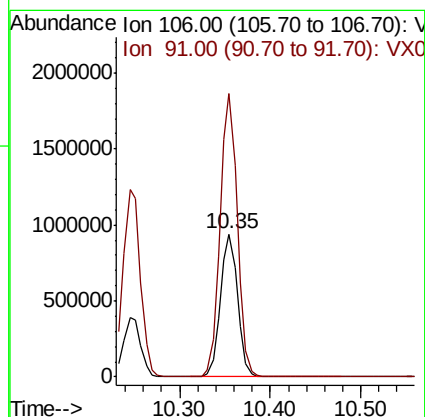
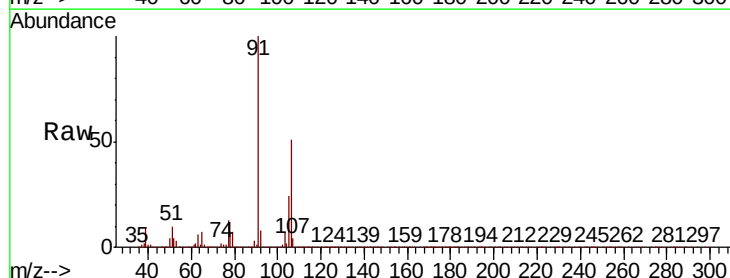
Acq: 20 Nov 2019 20:14

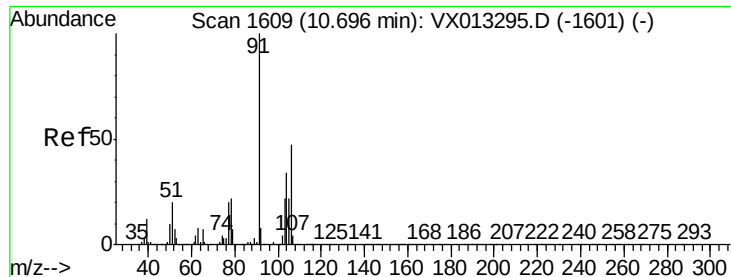
Tgt Ion: 106 Resp: 1243924

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9

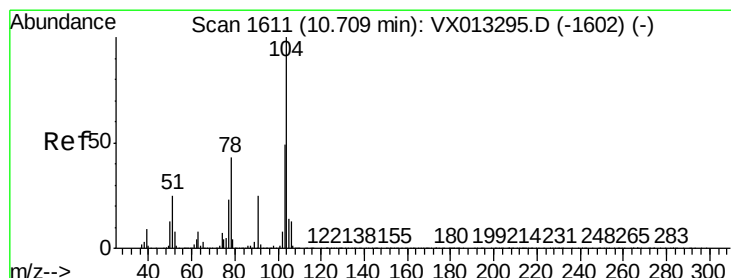
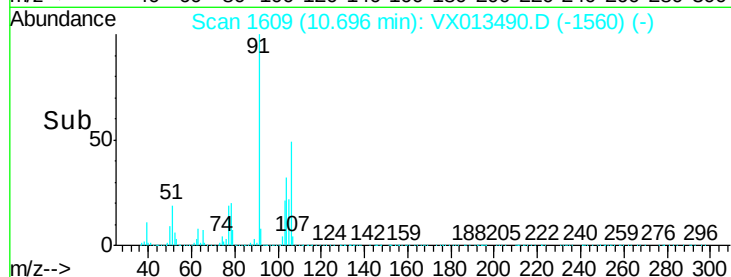
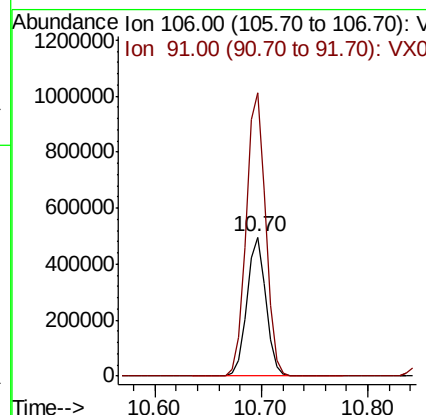
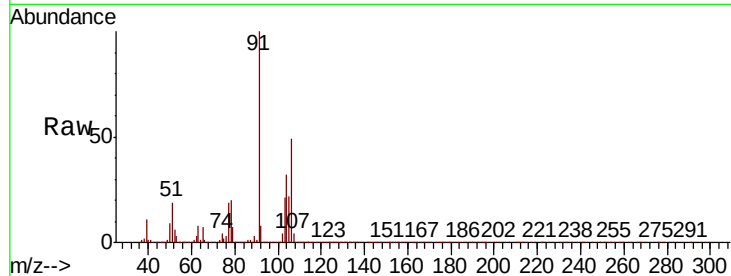




#69
o-Xylene
Concen: 57.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

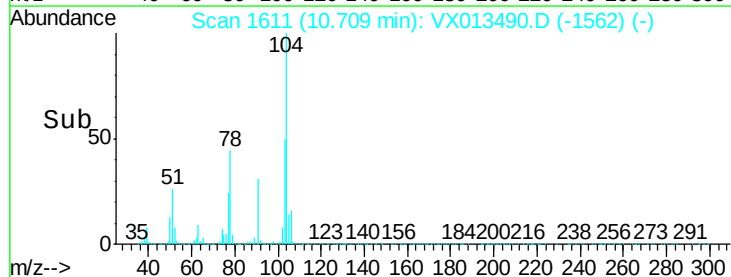
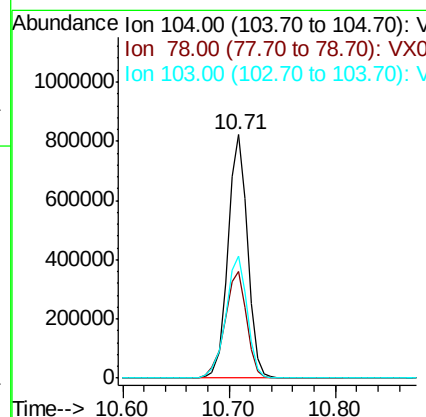
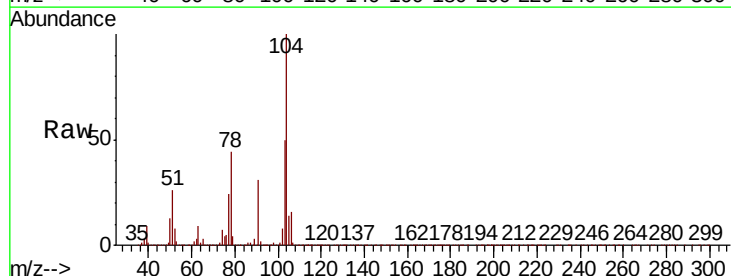
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

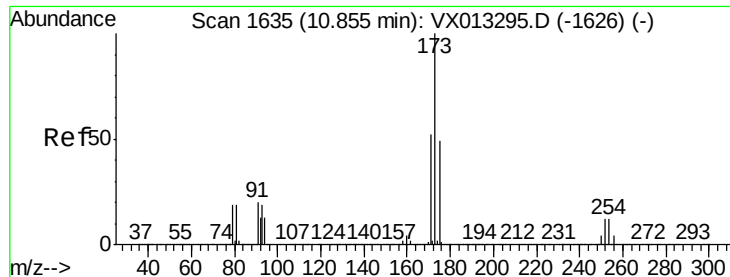
Tot Ion:106 Resp: 619914
Ion Ratio Lower Upper
106 100
91 208.8 105.7 317.0



#70
Styrene
Concen: 59.013 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion:104 Resp: 1057879
Ion Ratio Lower Upper
104 100
78 48.5 40.0 60.0
103 54.4 44.1 66.1





#71

Bromoform

Concen: 53.819 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

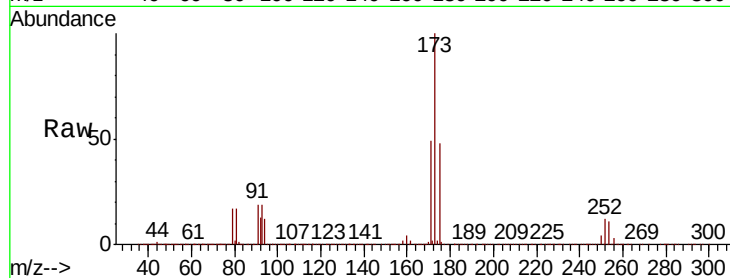
Tot Ion:173 Resp: 308968

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.4

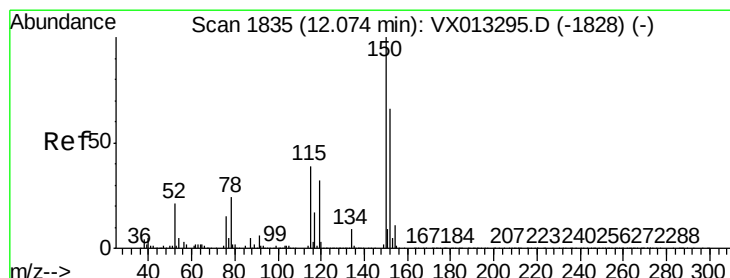
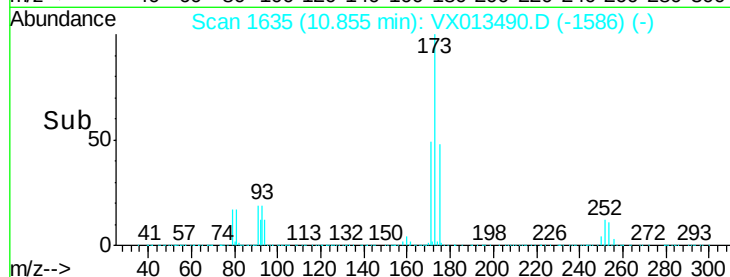
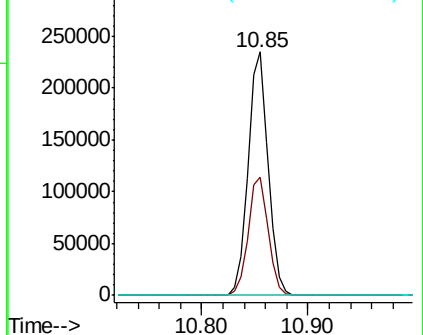
254 0.2 0.2 0.2



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: VX013490.D

Acq: 20 Nov 2019 20:14

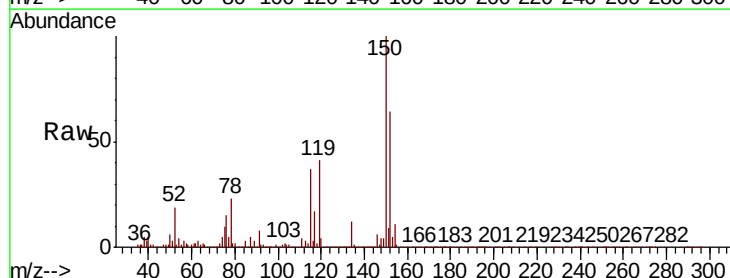
Tgt Ion:152 Resp: 418699

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

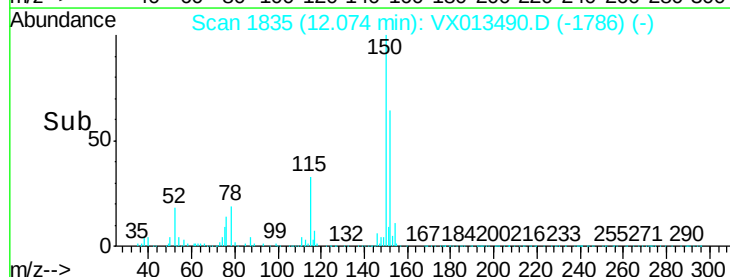
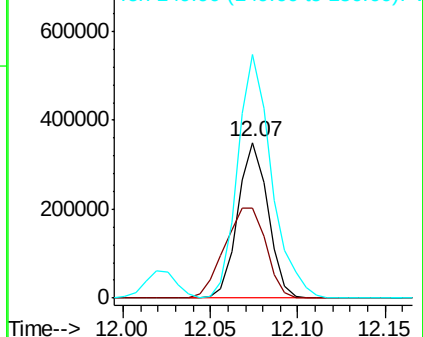
150 176.7 0.0 344.4

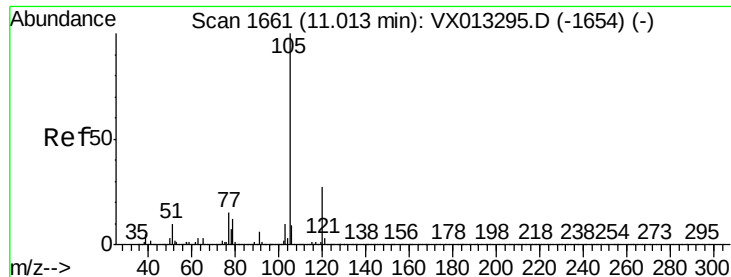


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.089 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

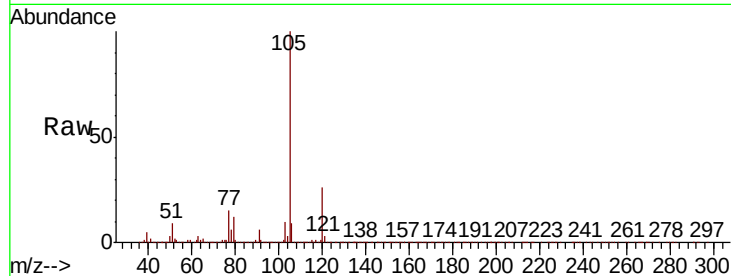
VSTDCCC050EC

Tot Ion:105 Resp: 1640328

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

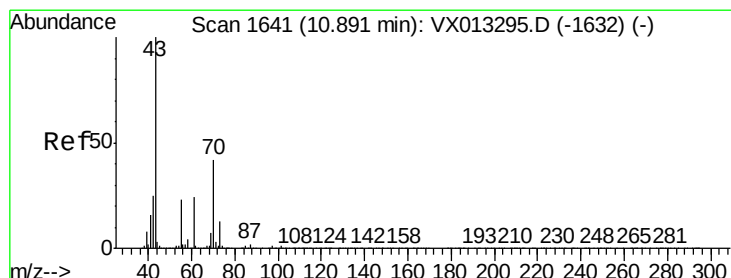
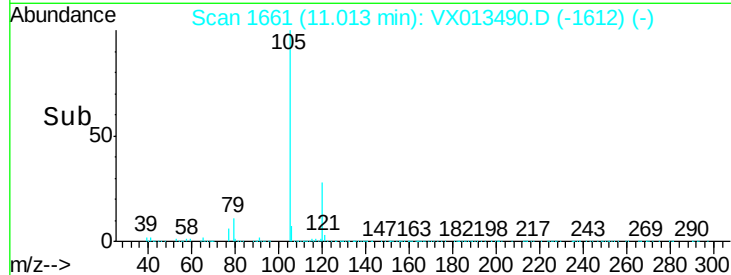
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 60.044 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion: 43 Resp: 772954

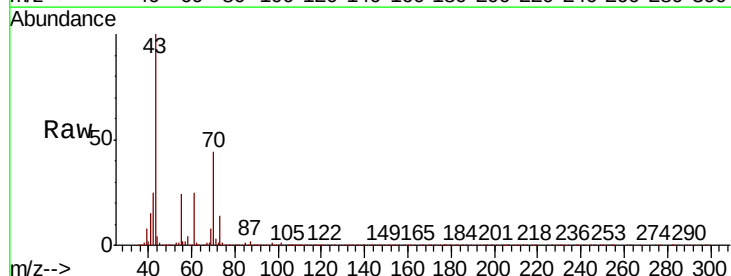
Ion Ratio Lower Upper

43 100

70 43.9 34.1 51.1

55 23.8 18.9 28.3

61 24.9 19.2 28.8



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

1000000

800000

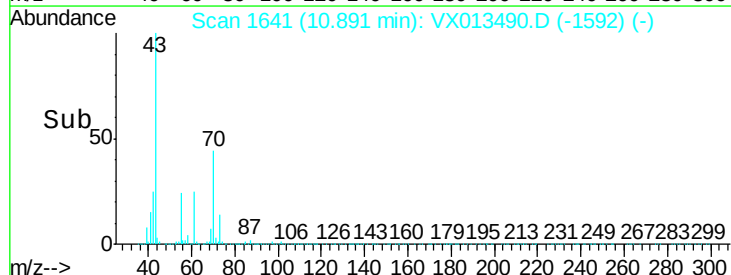
600000

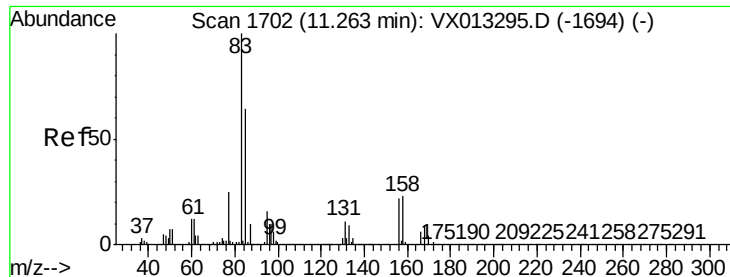
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.155 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

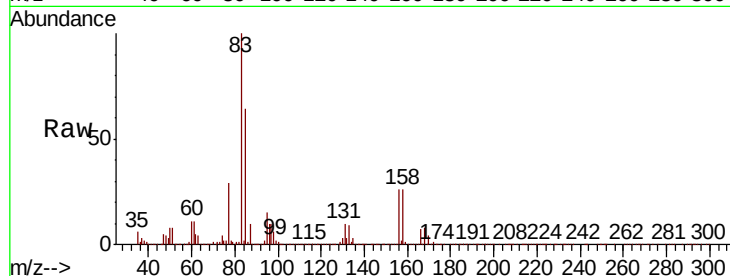
Tot Ion: 83 Resp: 558579

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

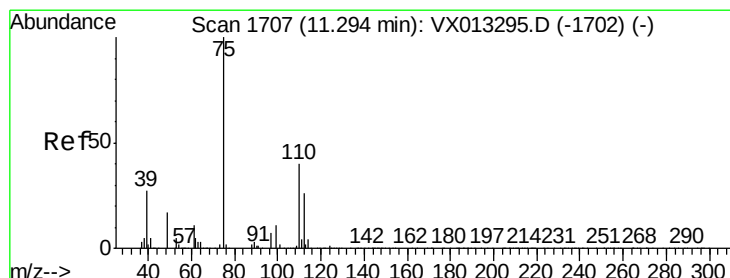
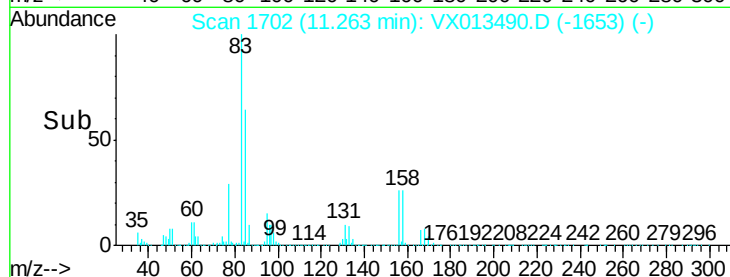
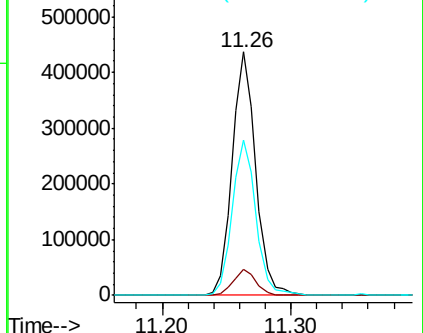
85 64.3 32.3 96.8



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: 78.524 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013490.D

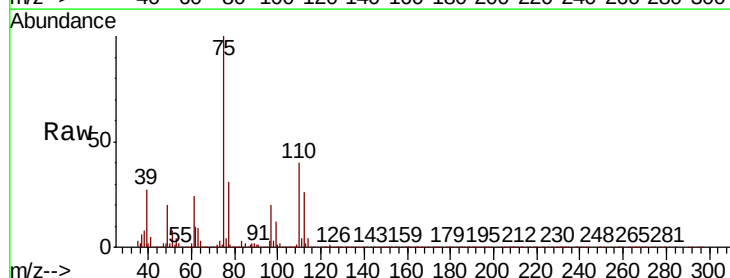
Acq: 20 Nov 2019 20:14

Tgt Ion: 75 Resp: 667792

Ion Ratio Lower Upper

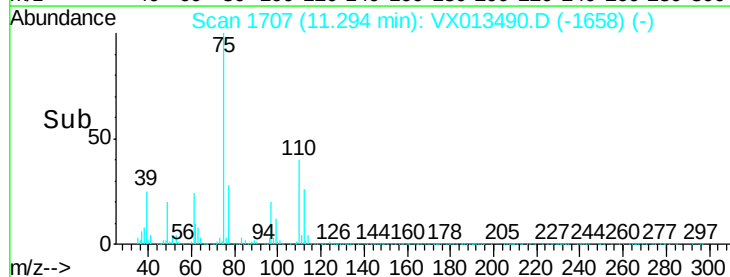
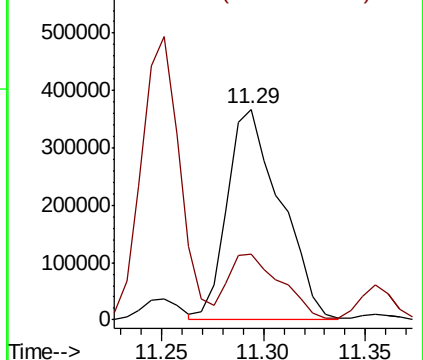
75 100

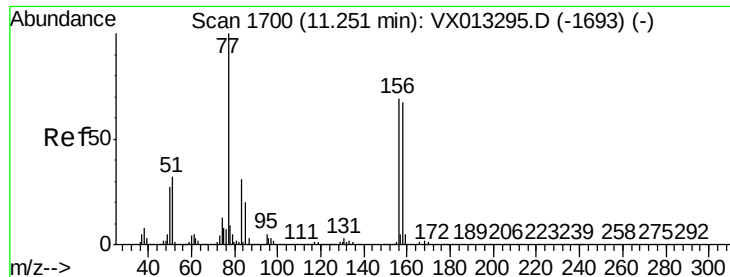
77 31.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 58.140 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

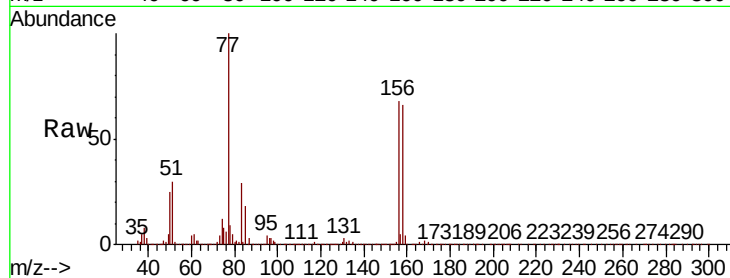
Tot Ion:156 Resp: 430270

Ion Ratio Lower Upper

156 100

77 149.9 75.8 227.4

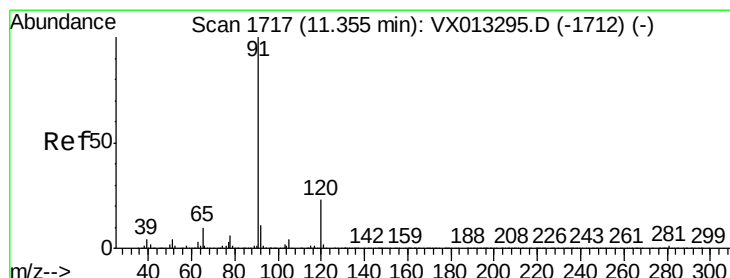
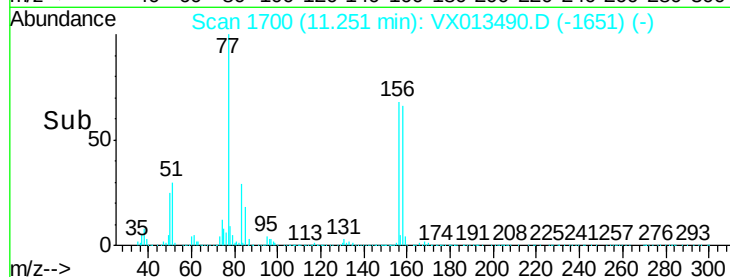
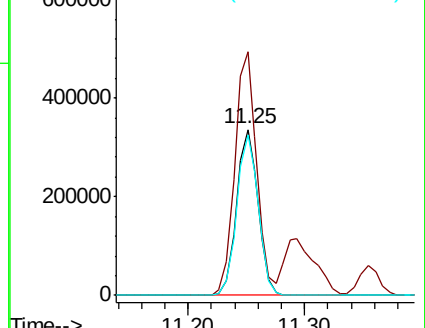
158 97.1 47.6 142.8



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: 59.222 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013490.D

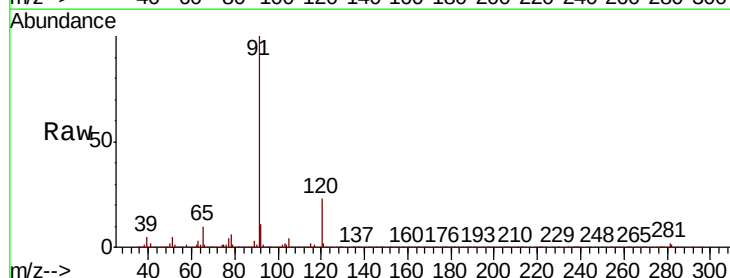
Acq: 20 Nov 2019 20:14

Tgt Ion: 91 Resp: 1831347

Ion Ratio Lower Upper

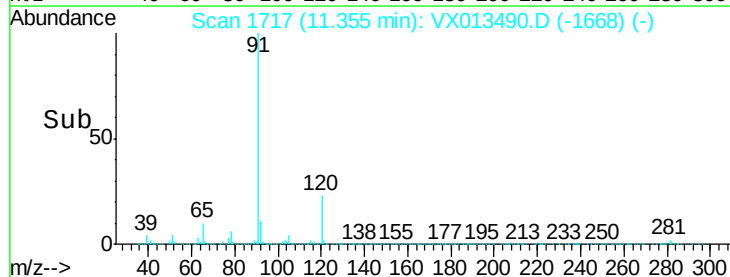
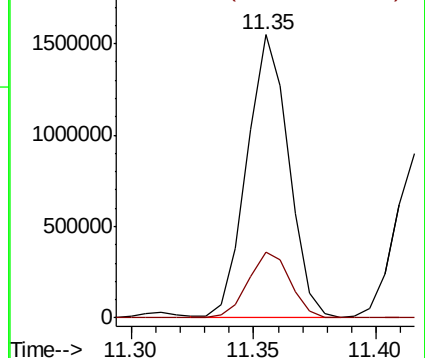
91 100

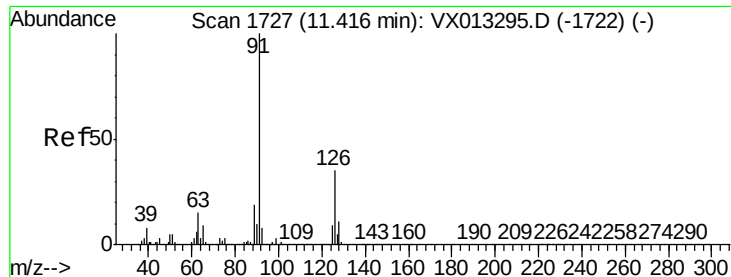
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.988 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

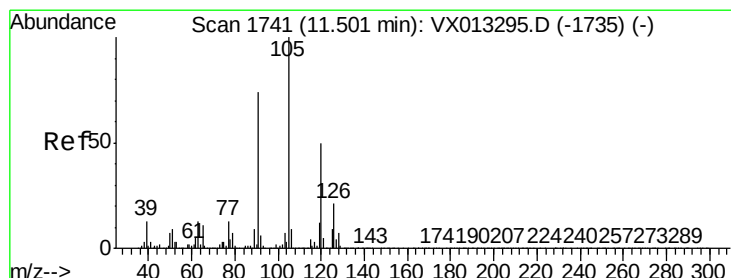
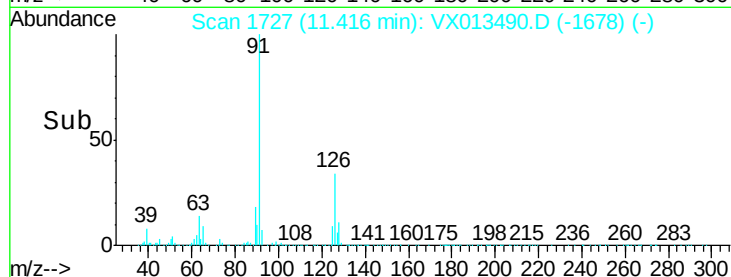
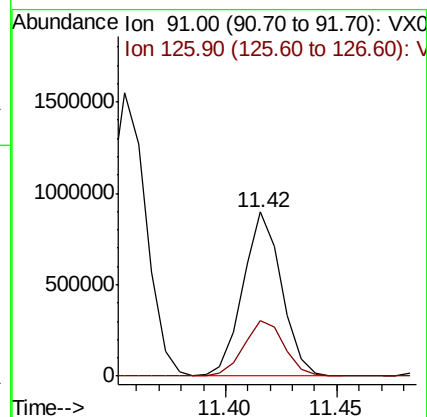
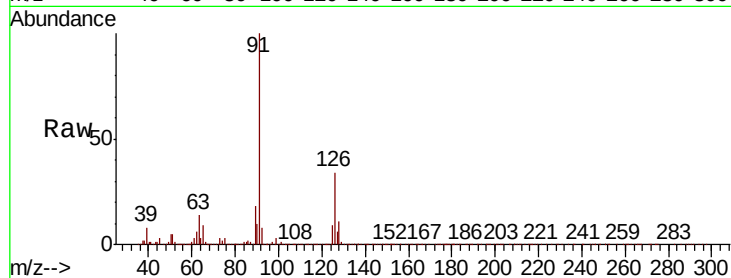
VSTDCCC050EC

Tot Ion: 91 Resp: 1080393

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 58.562 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013490.D

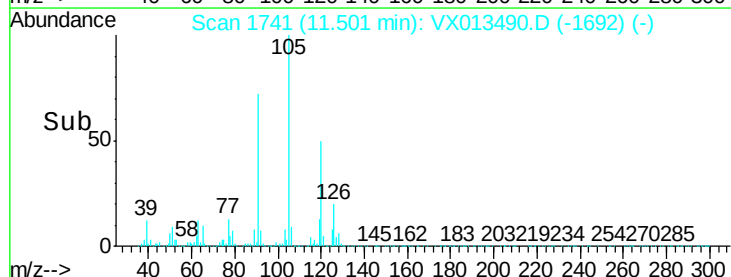
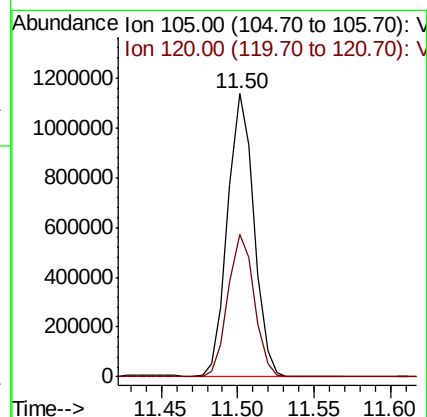
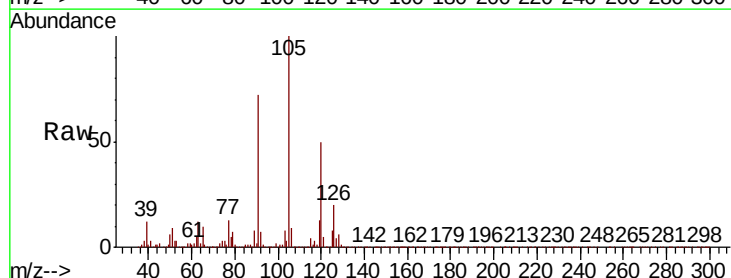
Acq: 20 Nov 2019 20:14

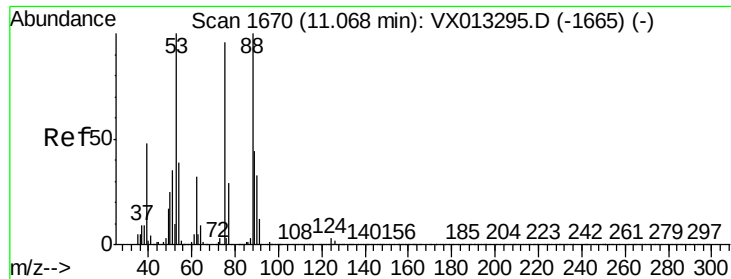
Tgt Ion: 105 Resp: 1354117

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8

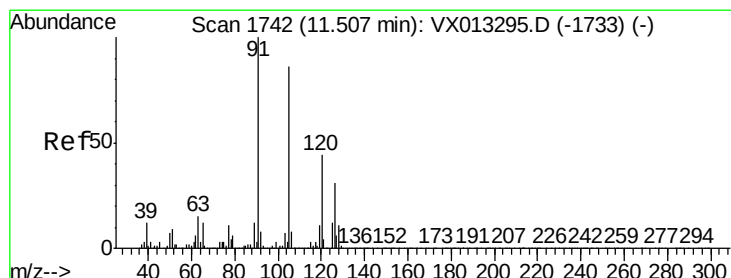
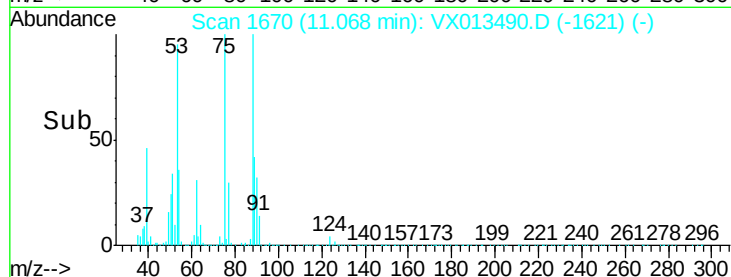
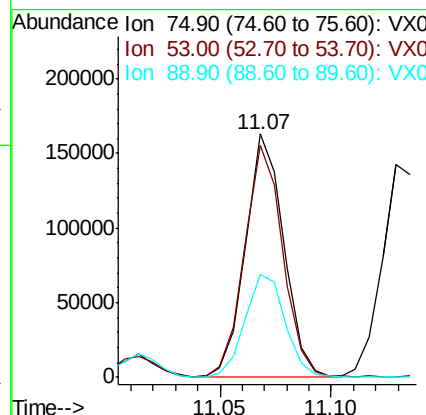
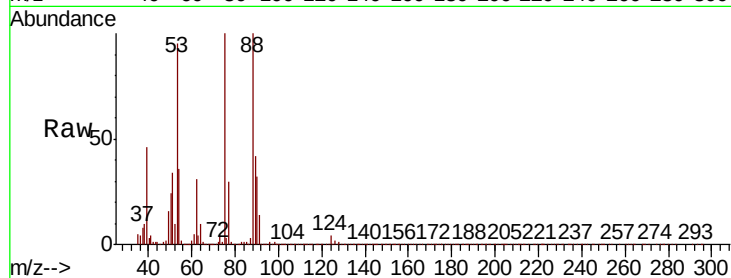




#81
trans-1,4-Dichloro-2-butene
Concen: 58.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

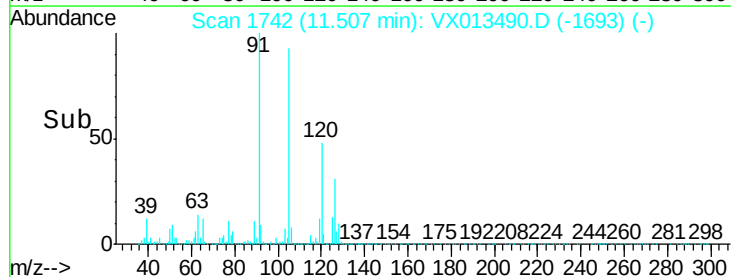
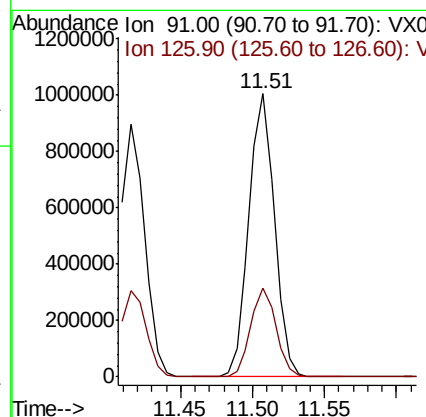
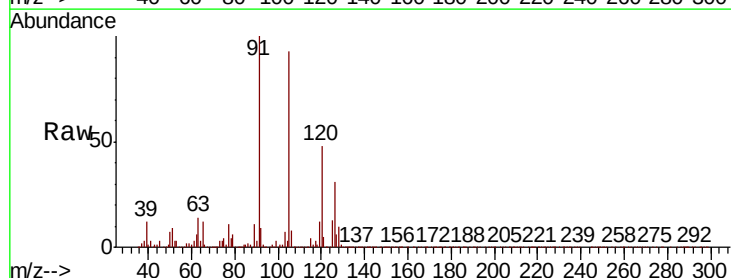
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

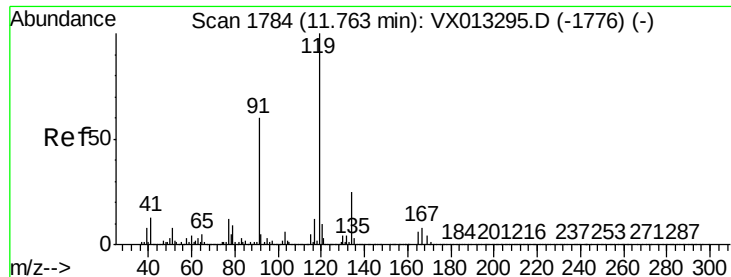
Tot Ion: 75 Resp: 194627
Ion Ratio Lower Upper
75 100
53 95.6 81.0 121.6
89 45.1 36.0 54.0



#82
4-Chlorotoluene
Concen: 56.829 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 91 Resp: 1239426
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.8





#83

tert-Butylbenzene

Concen: 51.686 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

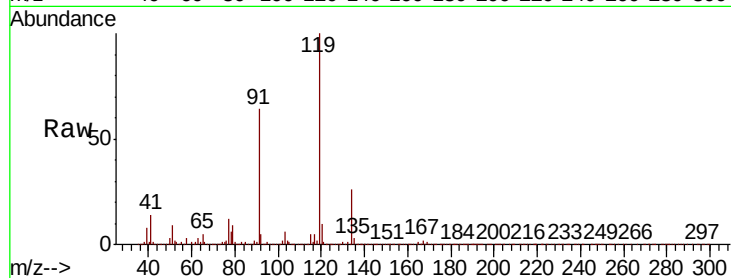
Tot Ion:119 Resp: 1203081

Ion Ratio Lower Upper

119 100

91 62.1 26.9 80.7

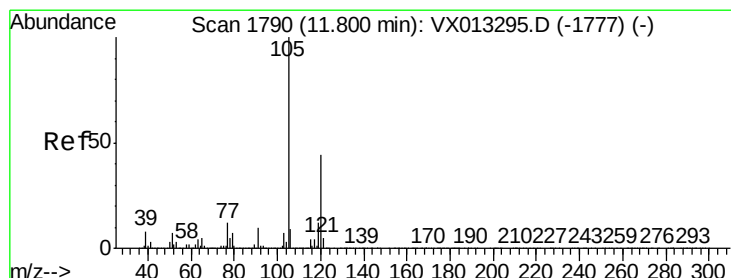
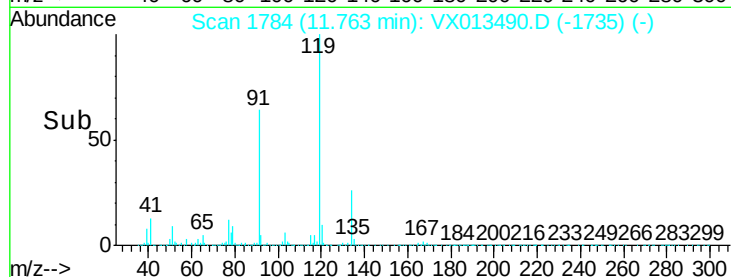
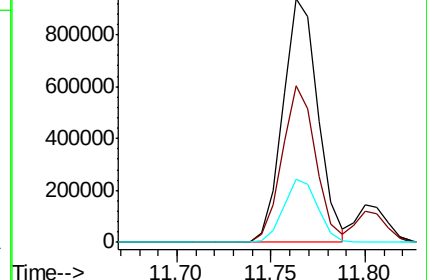
134 25.7 11.7 35.1



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: 61.360 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013490.D

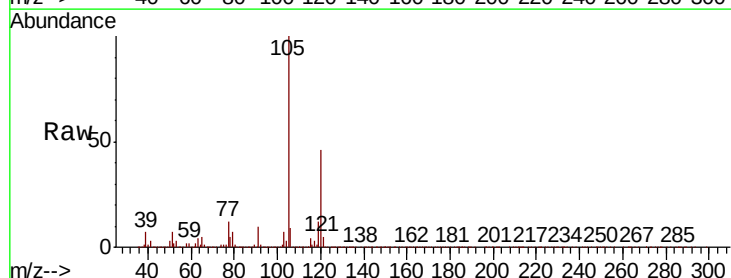
Acq: 20 Nov 2019 20:14

Tgt Ion:105 Resp: 1423289

Ion Ratio Lower Upper

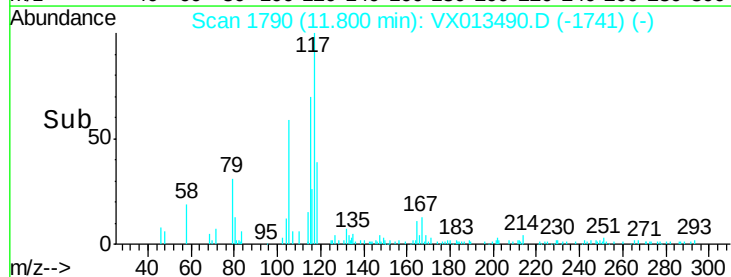
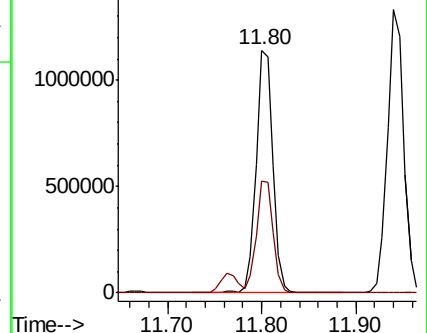
105 100

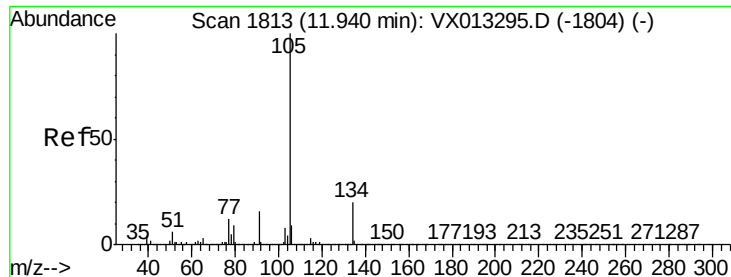
120 45.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

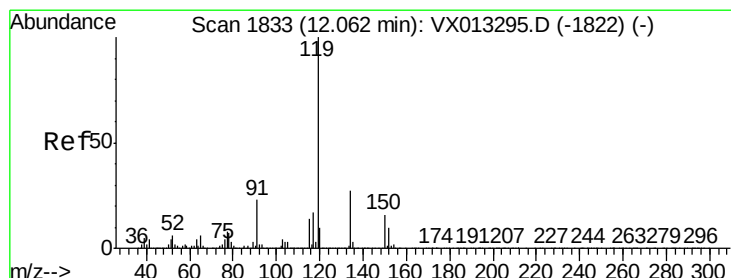
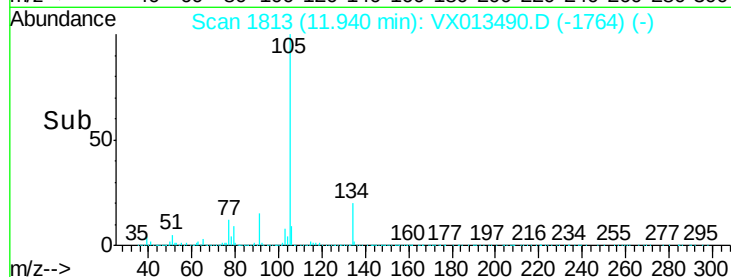
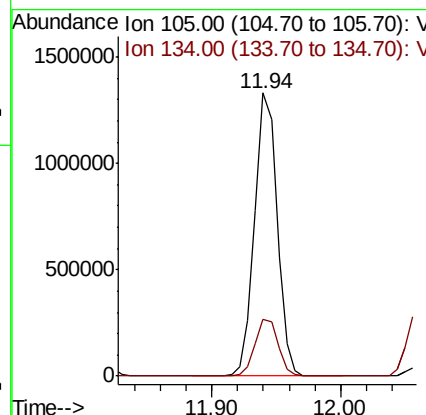
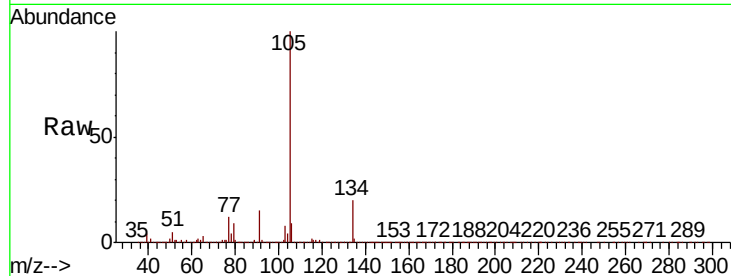




#85
 sec-Butylbenzene
 Concen: 59.605 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

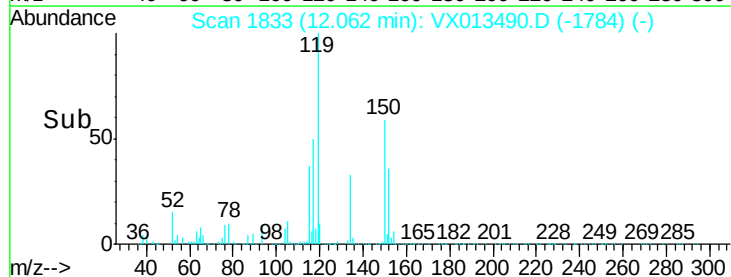
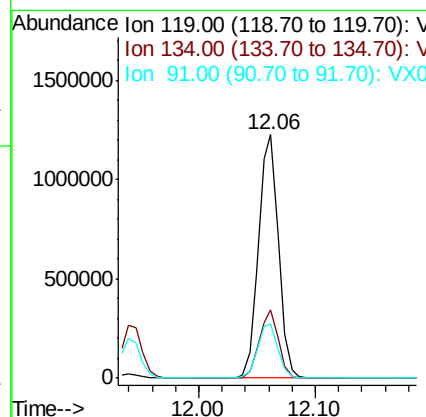
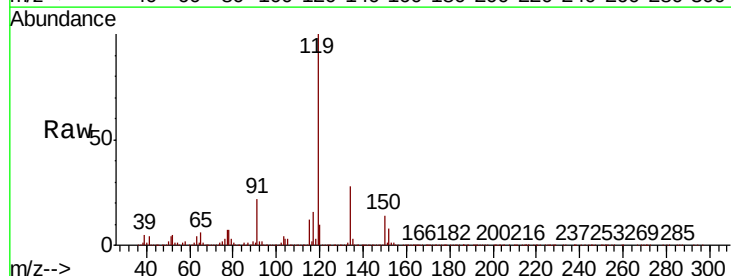
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

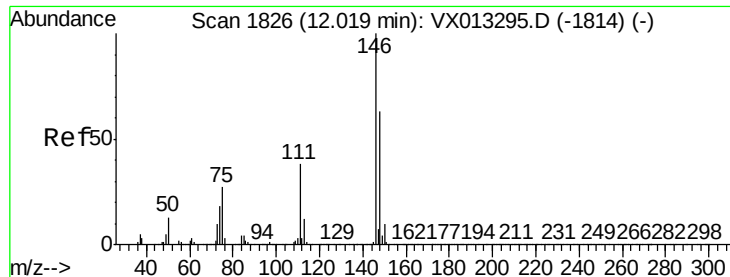
Tot Ion:105 Resp: 1594529
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 59.526 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion:119 Resp: 1466345
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.5 11.5 34.4

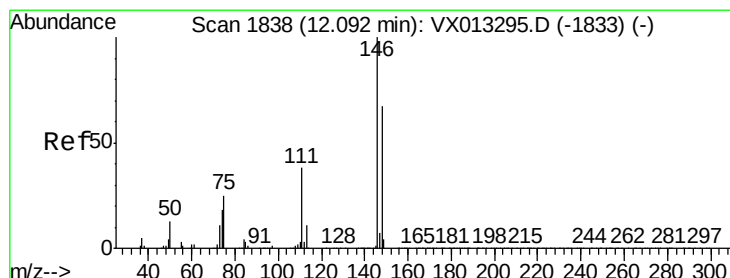
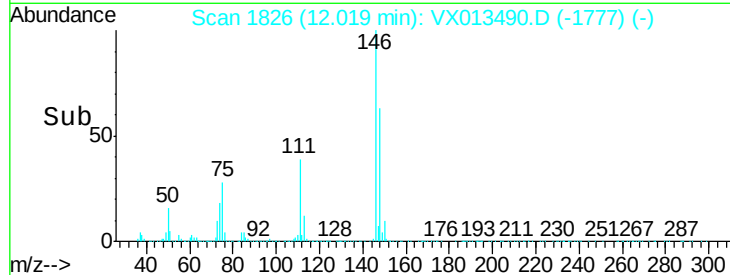
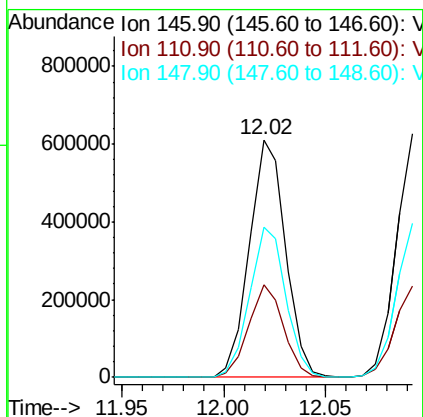
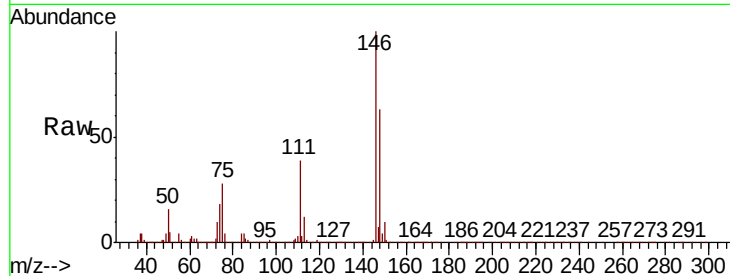




#87
 1,3-Dichlorobenzene
 Concen: 57.203 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

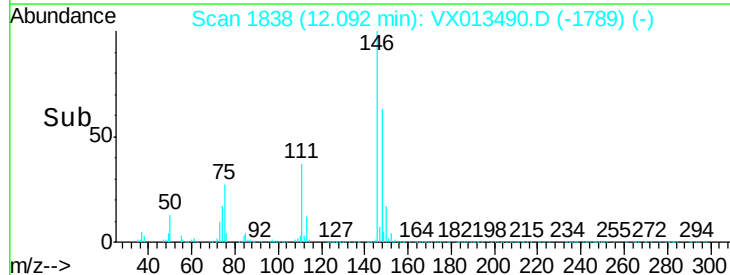
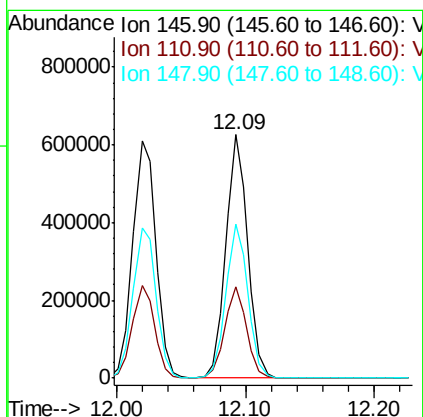
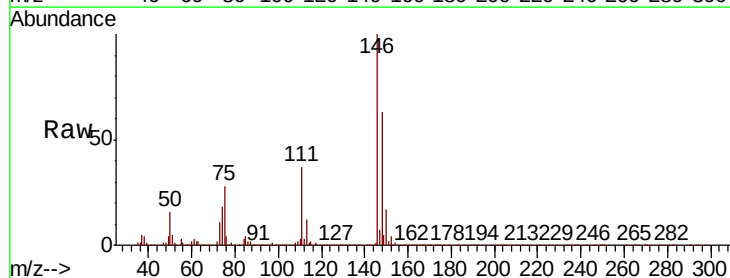
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

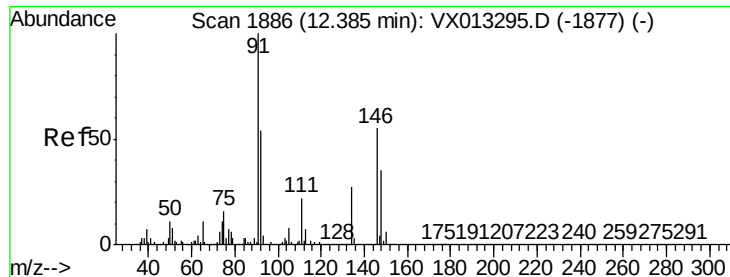
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 55.644 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	63.9	32.4	97.0

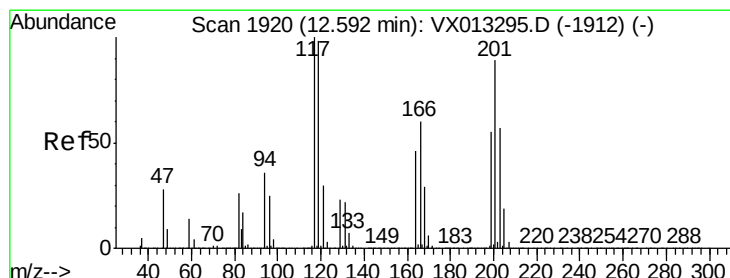
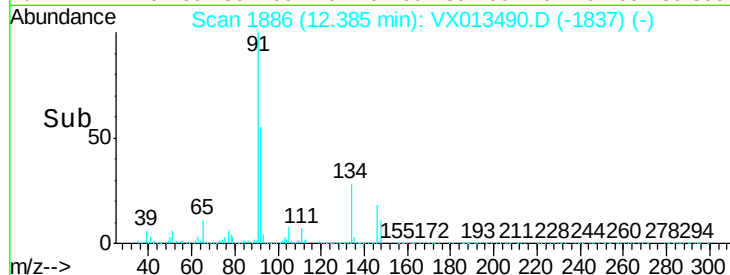
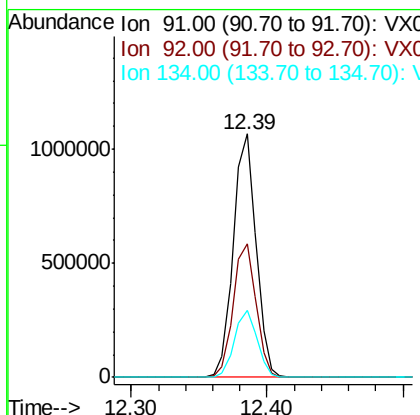
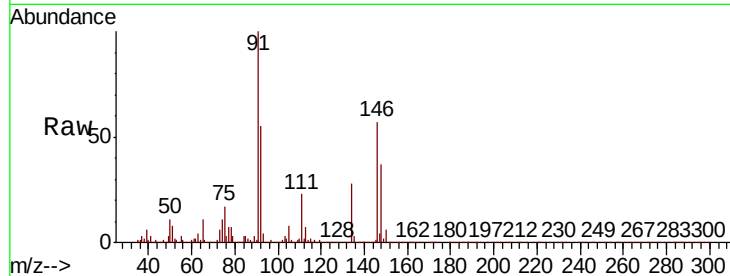




#89
n-Butylbenzene
Concen: 57.615 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

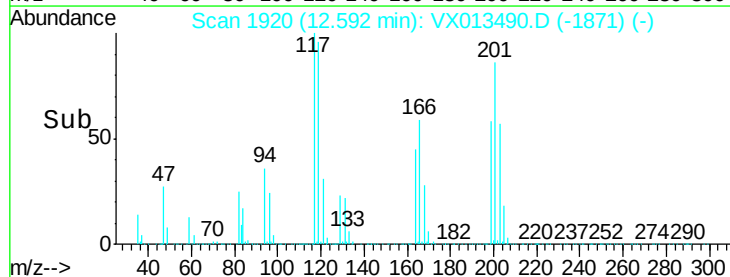
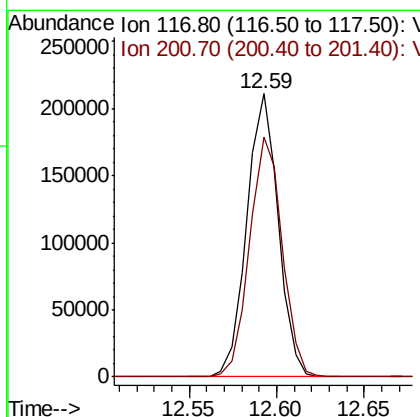
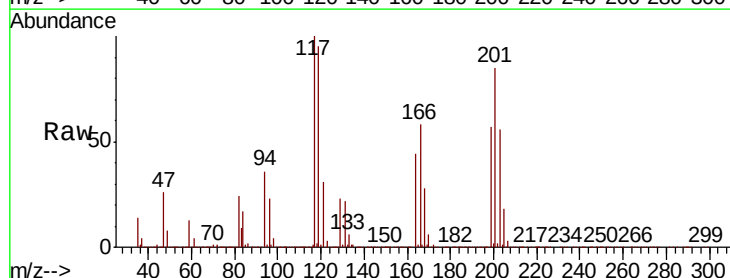
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

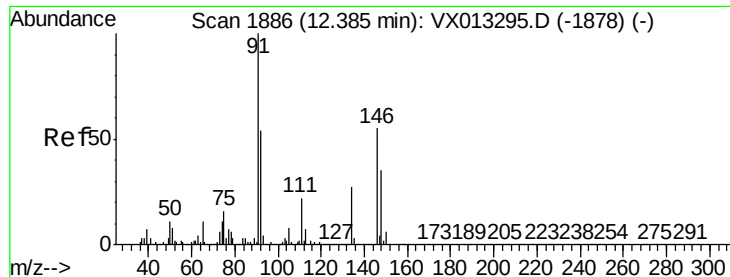
Tot Ion: 91 Resp: 1238408
Ion Ratio Lower Upper
91 100
92 55.2 27.3 81.8
134 27.7 13.5 40.5



#90
Hexachloroethane
Concen: 59.938 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 117 Resp: 263067
Ion Ratio Lower Upper
117 100
201 88.0 43.9 131.7

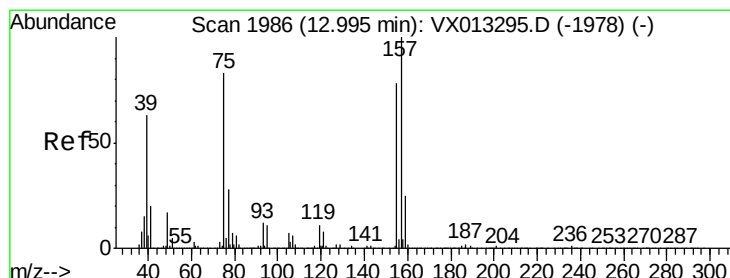
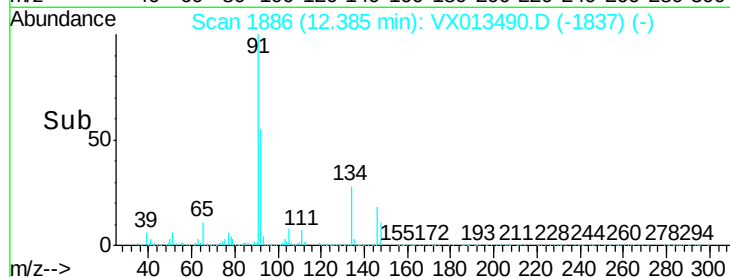
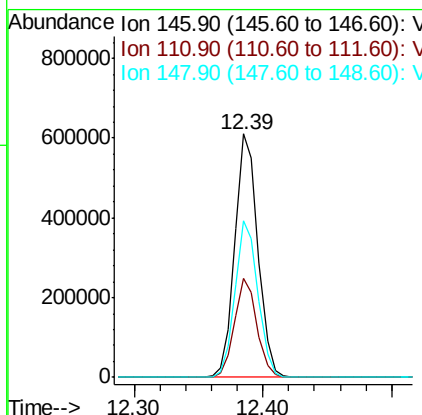
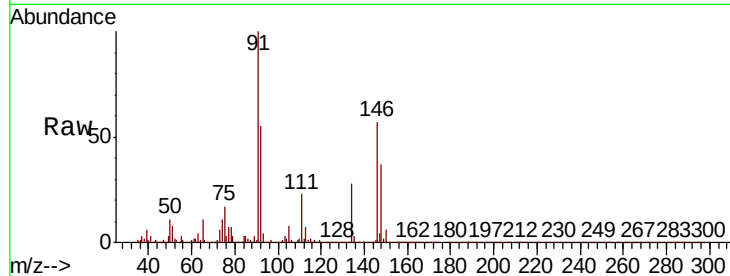




#91
 1,2-Dichlorobenzene
 Concen: 57.707 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

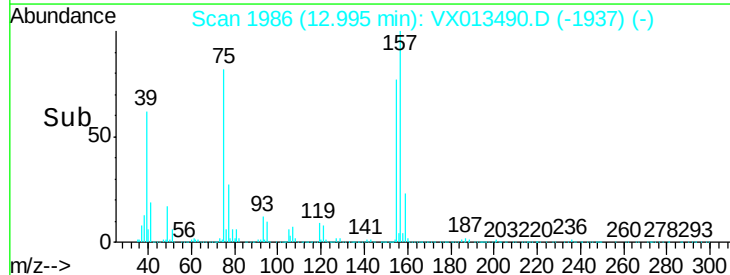
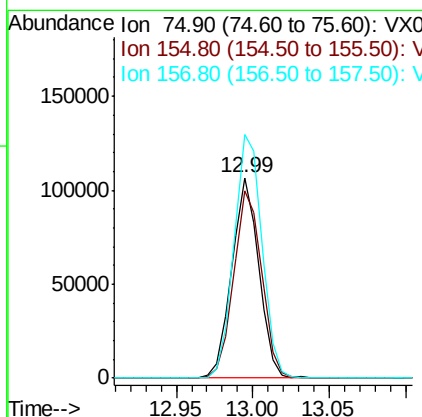
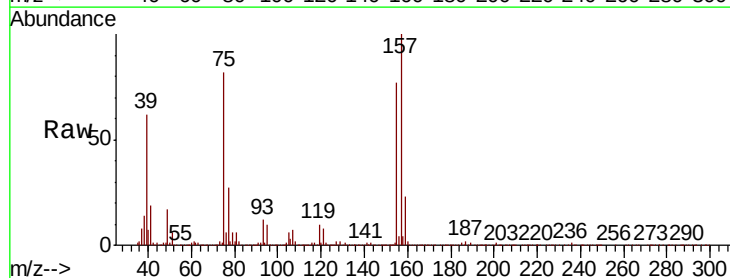
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

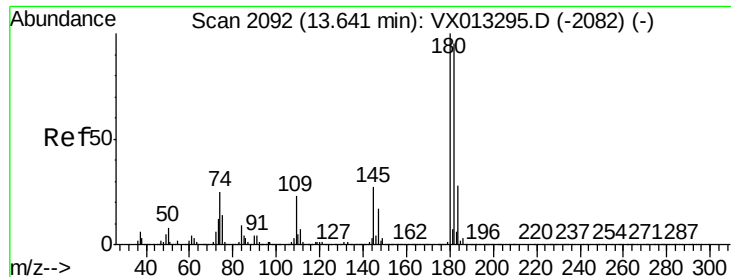
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.106 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	47.1	141.4
157	125.3	61.3	183.8

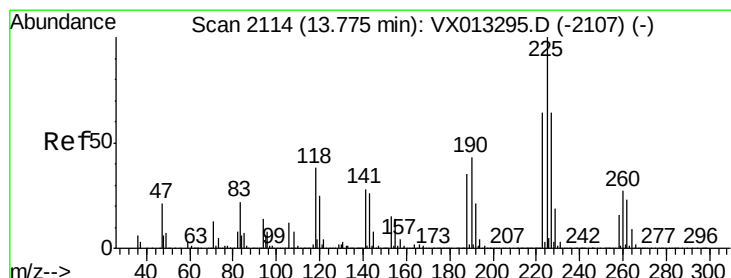
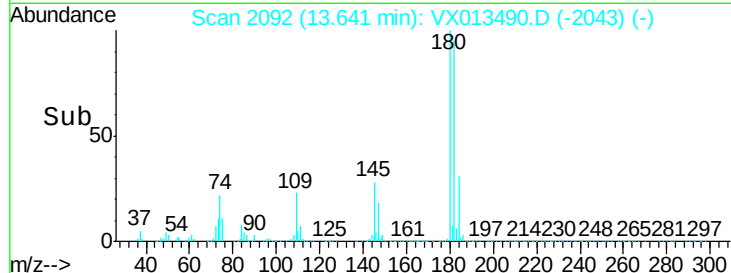
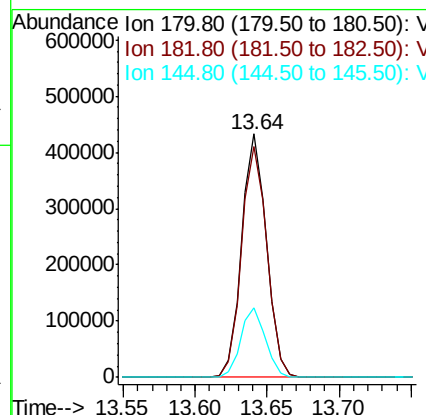
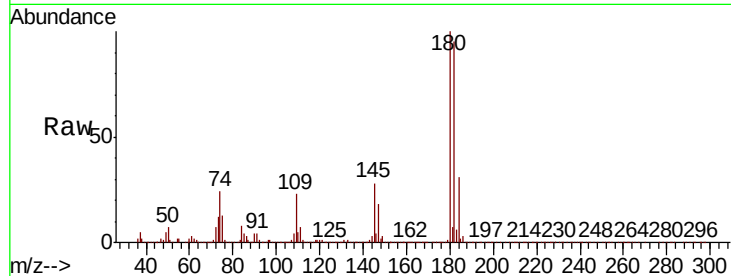




#93
 1,2,4-Trichlorobenzene
 Concen: 56.548 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

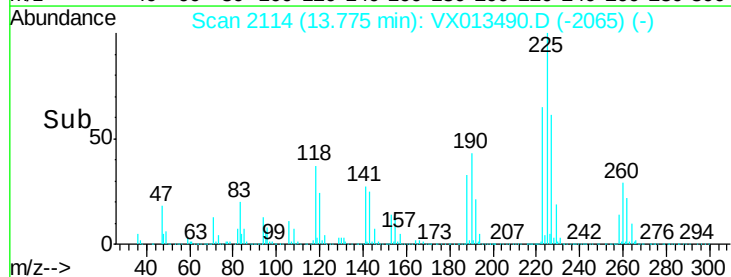
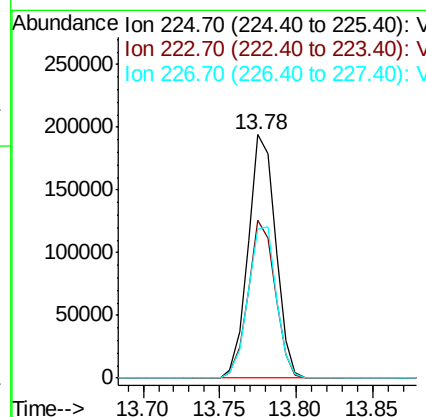
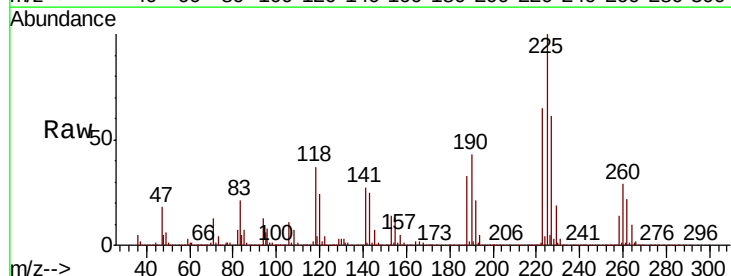
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

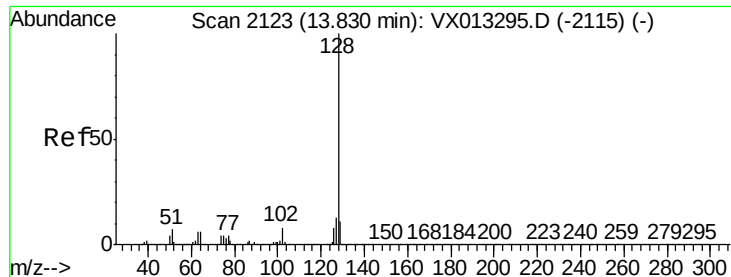
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.4	145.0
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 53.735 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.7
227	64.0	31.9	95.9





#95

Naphthalene

Concen: 58.369 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

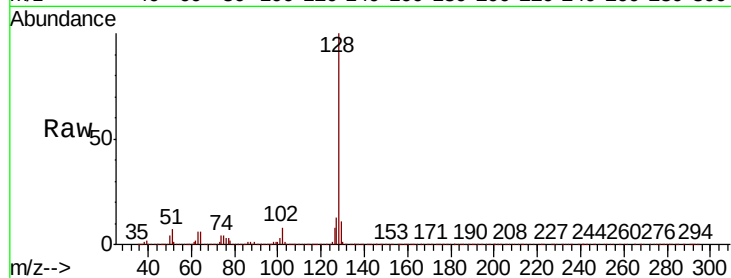
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1684449

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.5	12.7

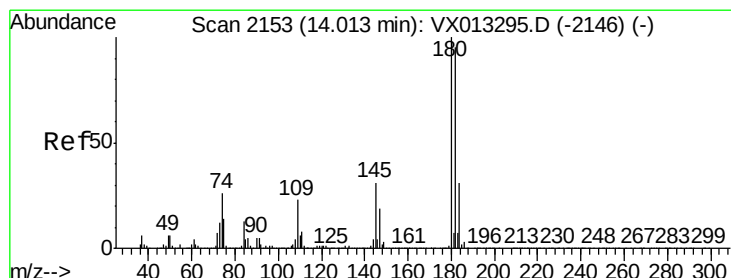
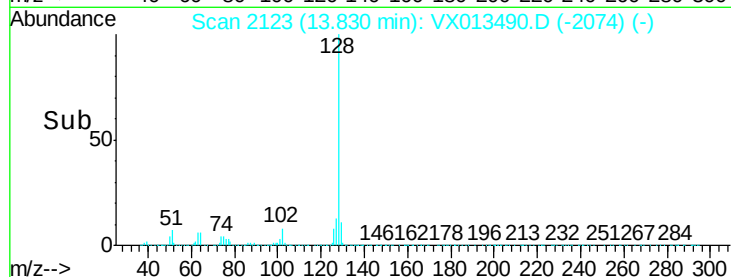
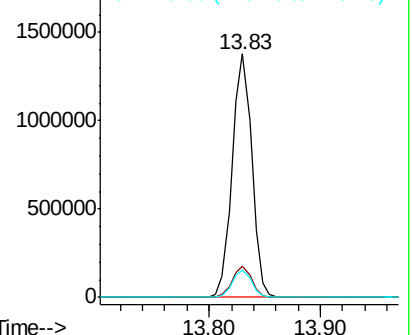


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.667 ug/l

RT: 14.01 min Scan# 2153

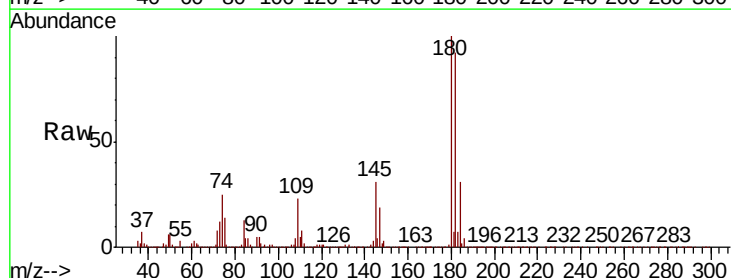
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:180 Resp: 541167

Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.0	144.2
145	29.2	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

