

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 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 :

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

Target Compounds	R.T.	QIon	Response	Conc	Units	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

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 :

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)
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

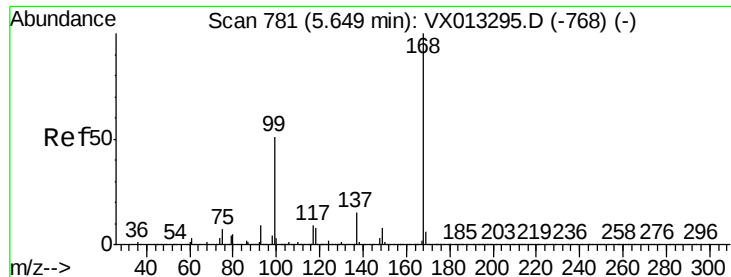
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013490.D
Acq On : 20 Nov 2019 20:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

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)
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

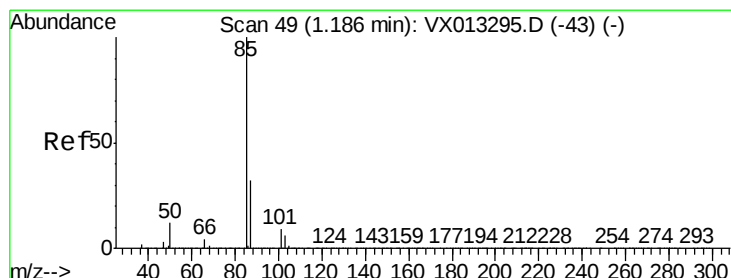
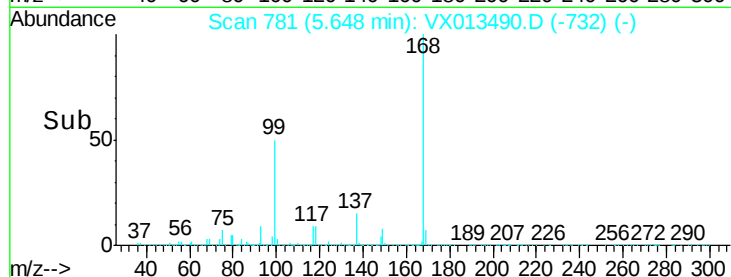
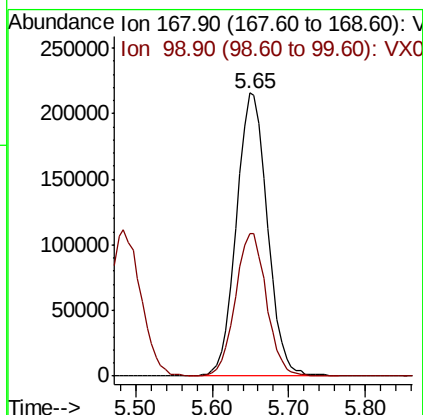
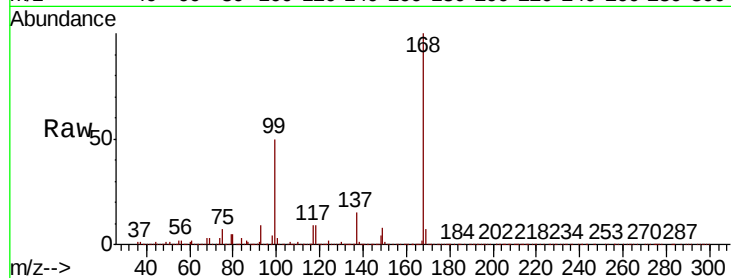


#1

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 :

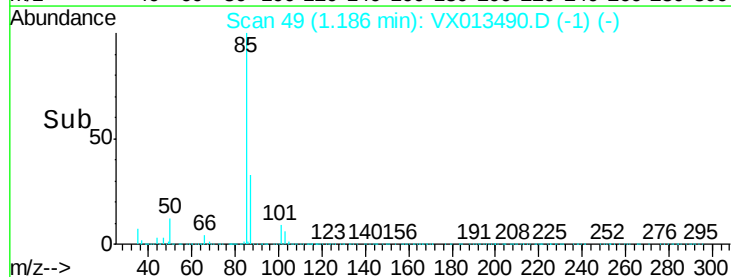
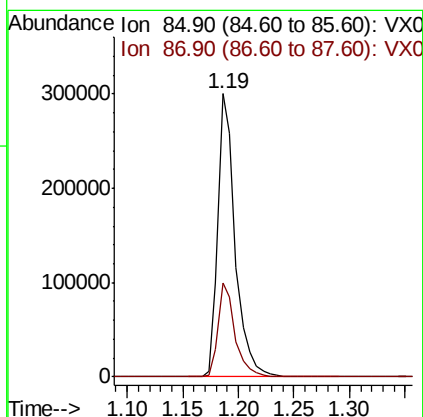
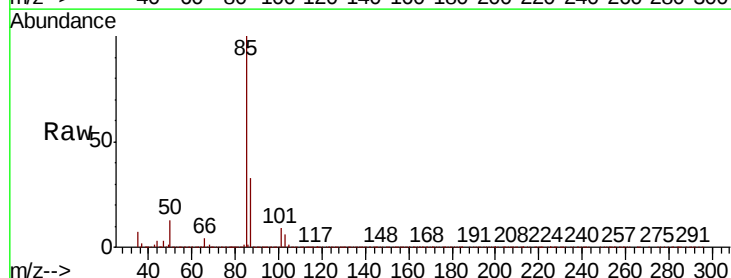
Tot Ion:168 Resp: 607636
 Ion Ratio Lower Upper
 168 100
 99 50.1 40.8 61.2

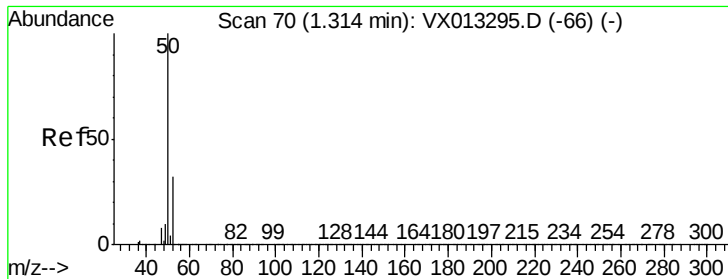


#2

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





#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

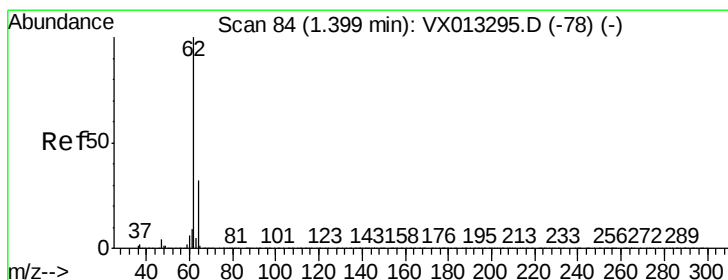
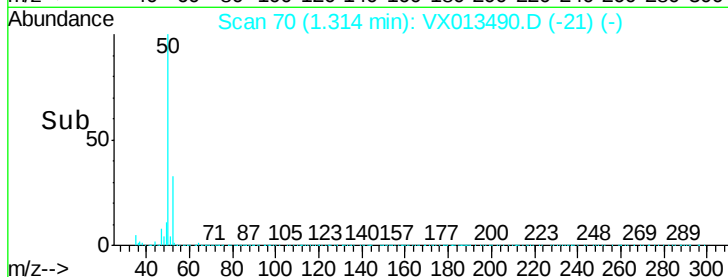
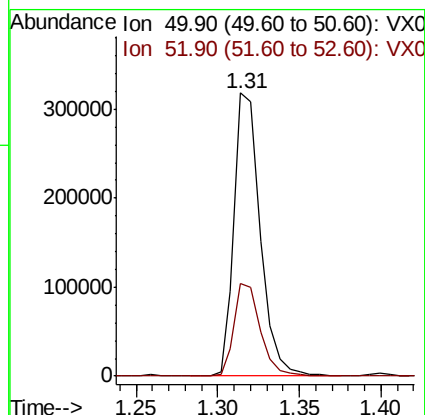
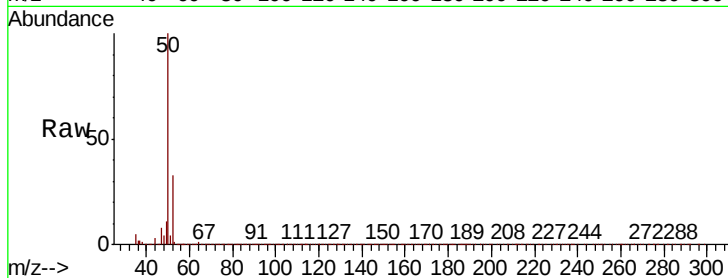
Instrument :
MSVOA_X
ClientSampleId :

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

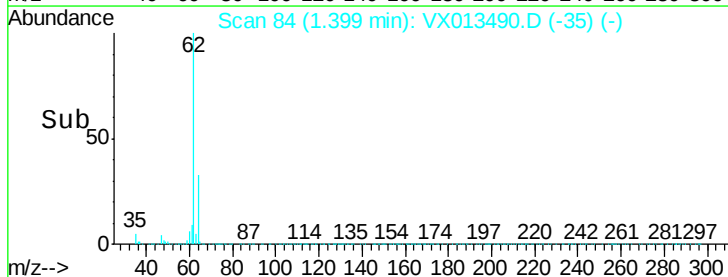
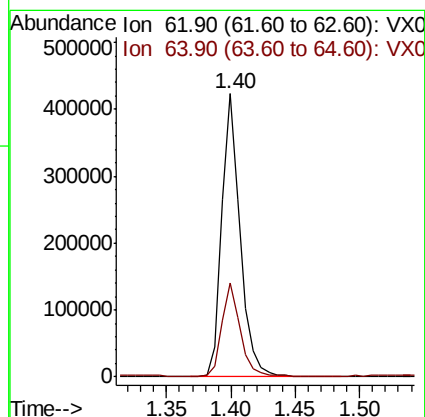
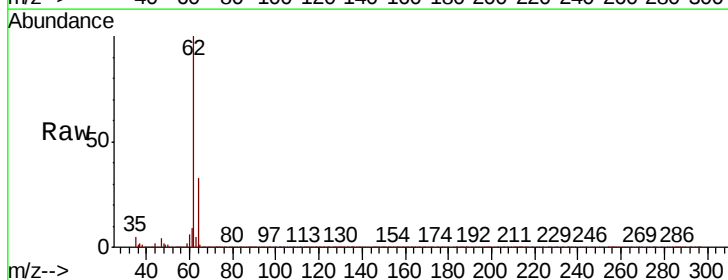
Acq: 20 Nov 2019 20:14

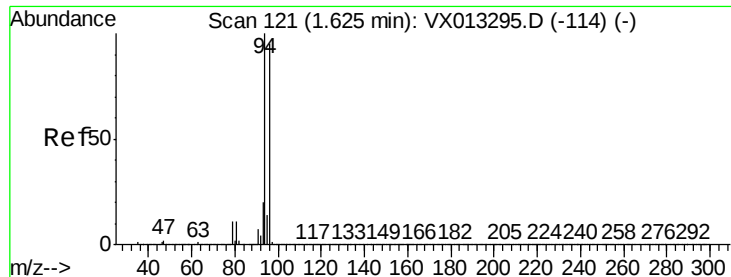
Tgt Ion: 62 Resp: 428809

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

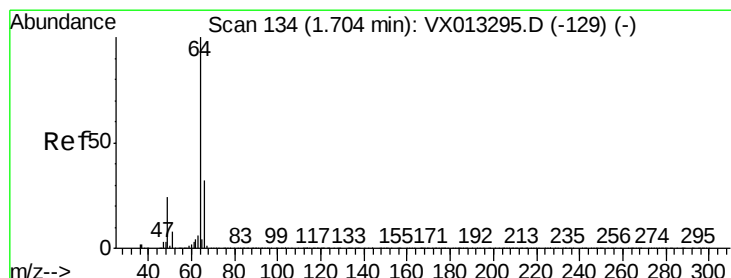
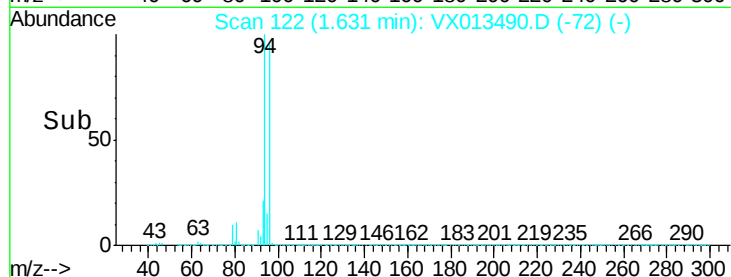
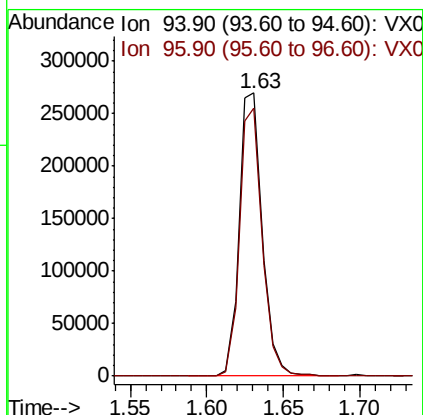
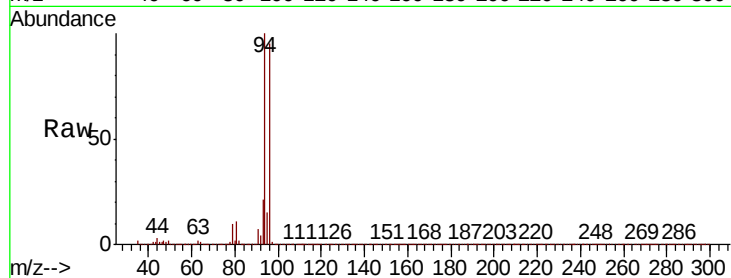
Instrument :
MSVOA_X
ClientSampleId :

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

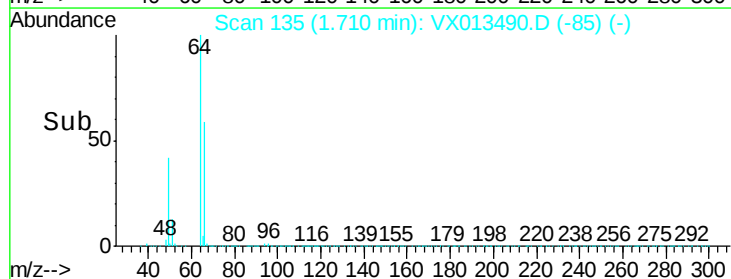
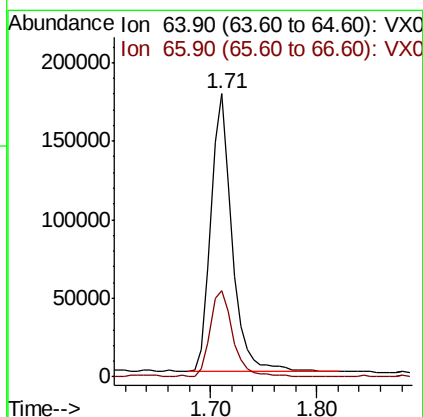
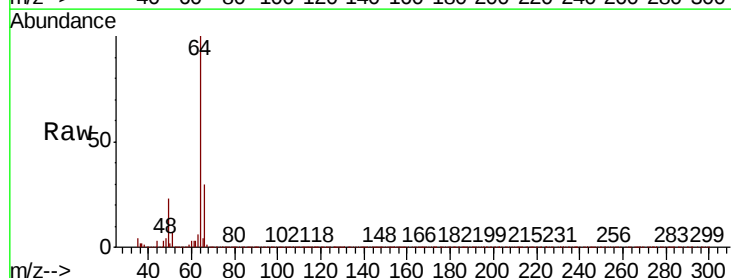
Acq: 20 Nov 2019 20:14

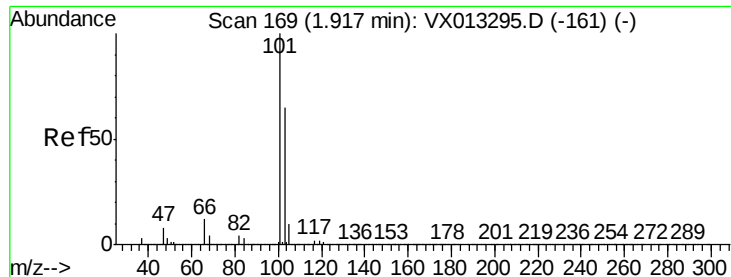
Tgt Ion: 64 Resp: 241915

Ion Ratio Lower Upper

64 100

66 30.8 25.6 38.4



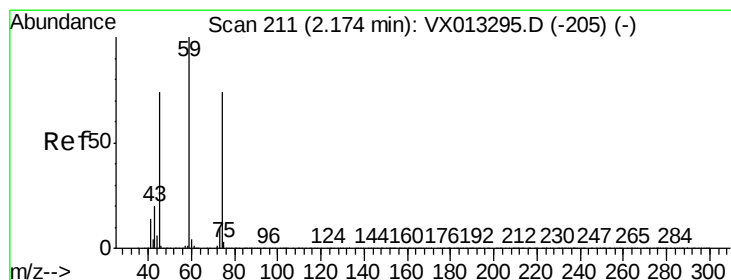
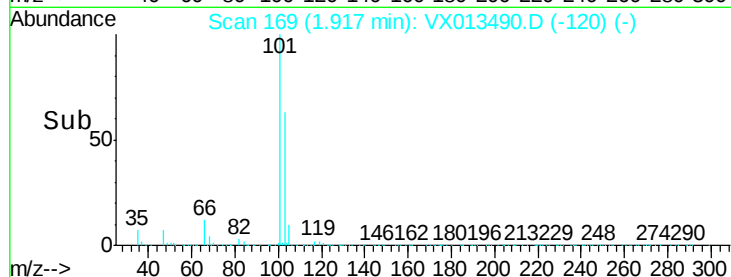
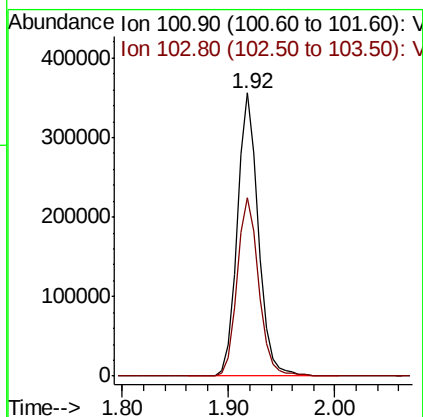
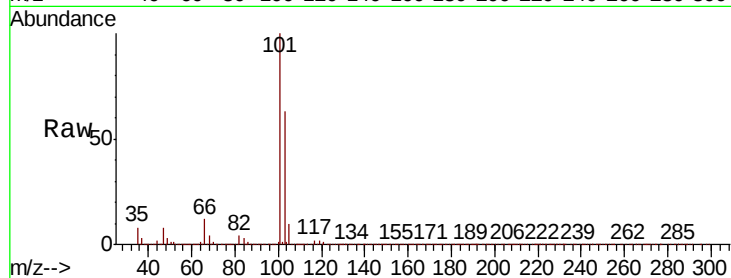


#7

Trichlorofluoromethane
Concen: 48.326 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :

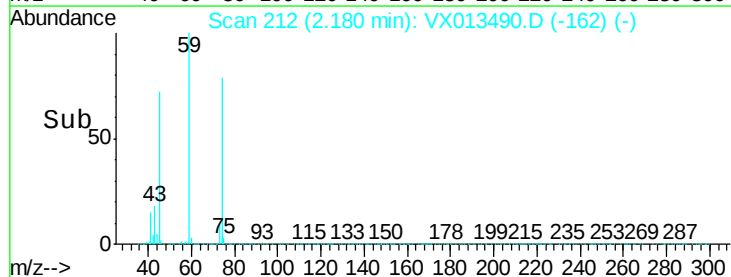
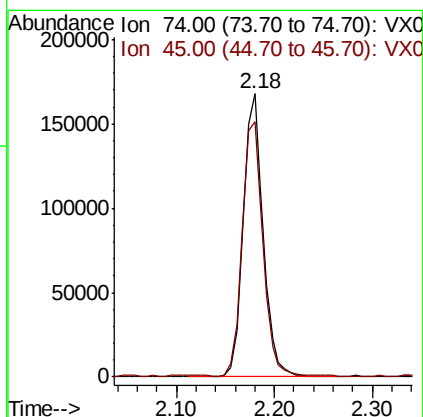
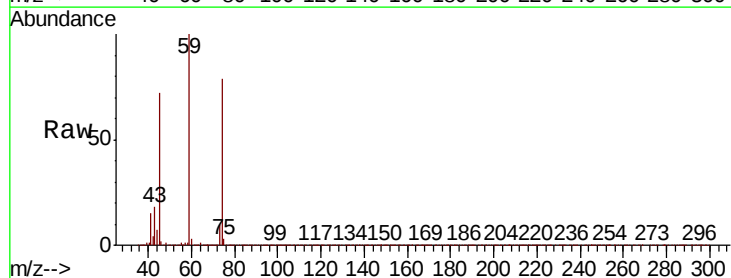
Tot Ion:101 Resp: 493507
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5

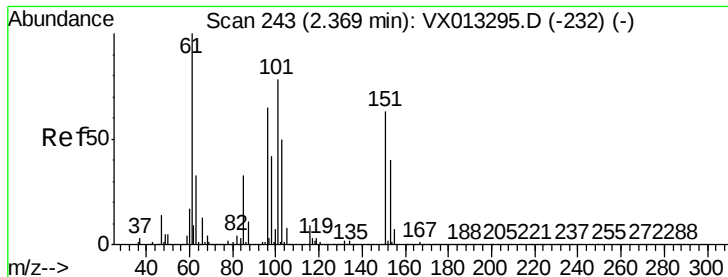


#8

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 :

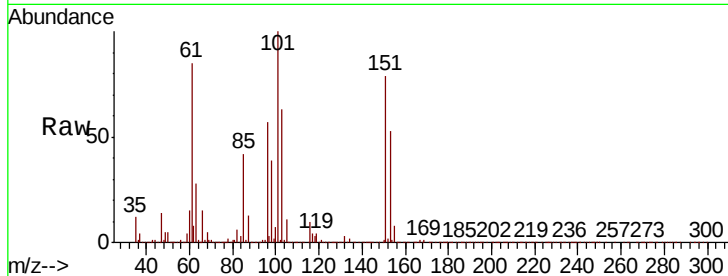
Tot Ion:101 Resp: 301845

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

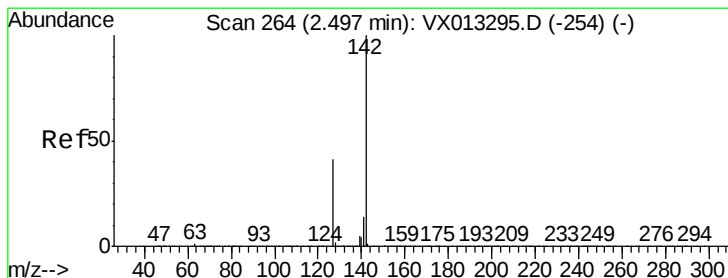
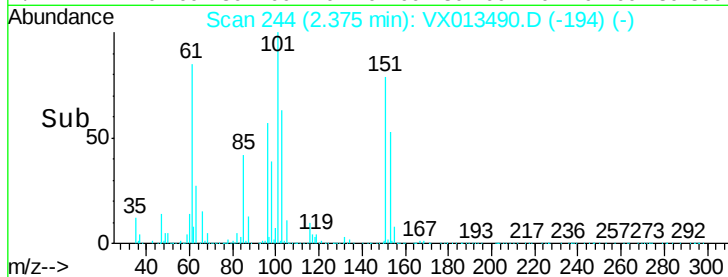
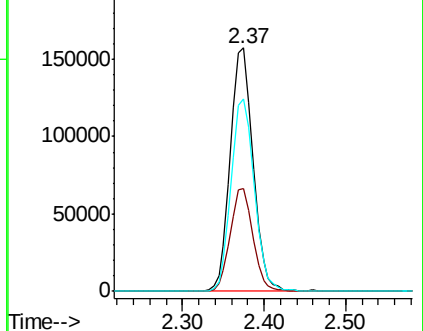
151 80.5 66.4 99.6



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

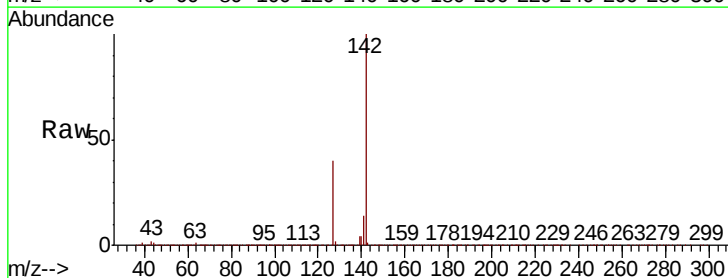
Tgt Ion:142 Resp: 327579

Ion Ratio Lower Upper

142 100

127 38.8 32.6 49.0

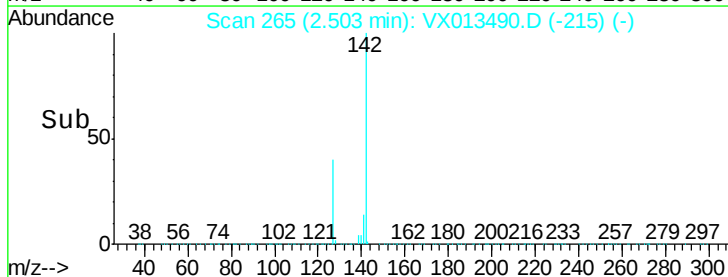
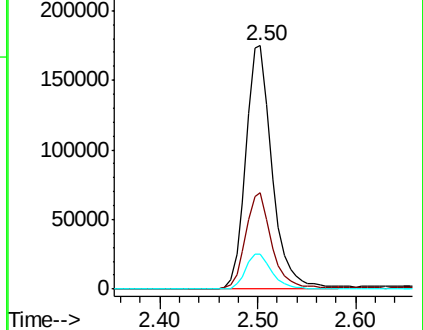
141 14.4 11.6 17.4

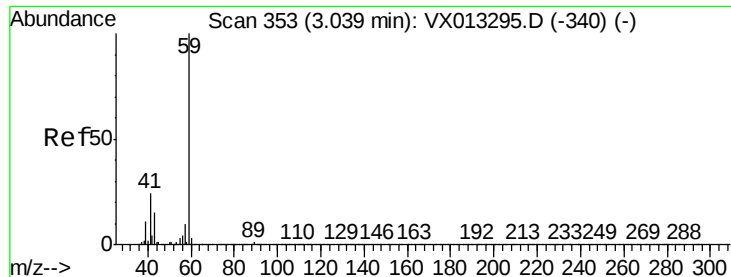


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



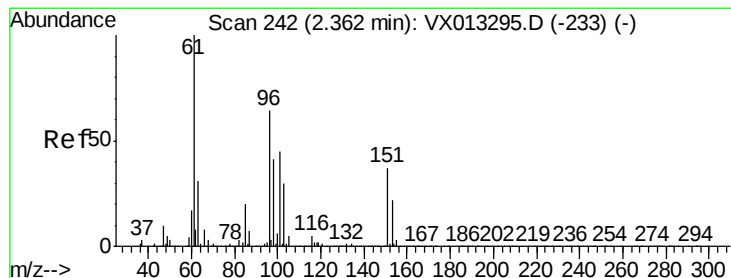
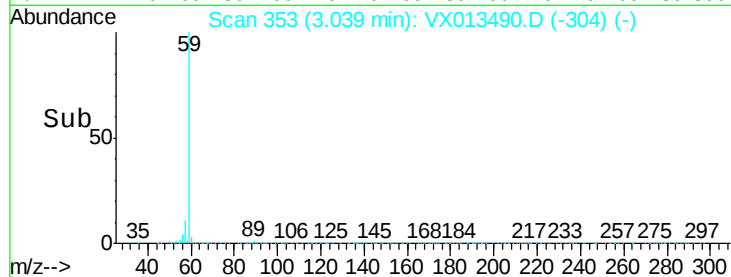
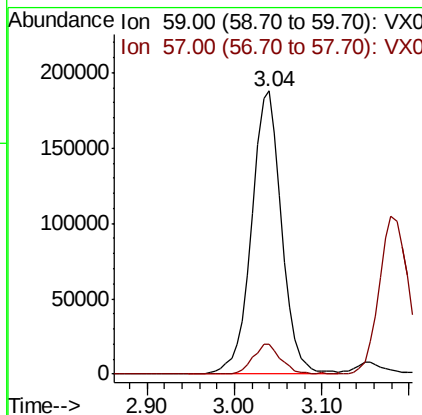
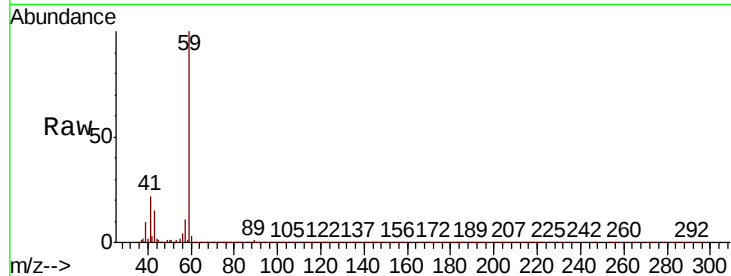


#11

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 :

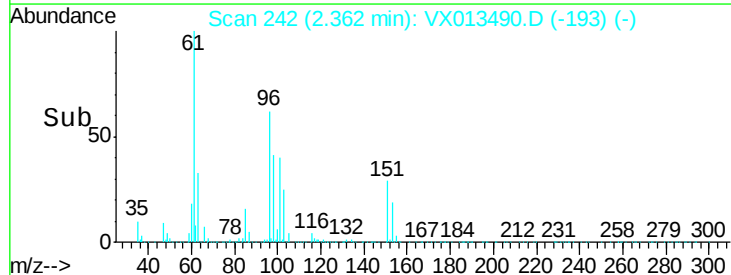
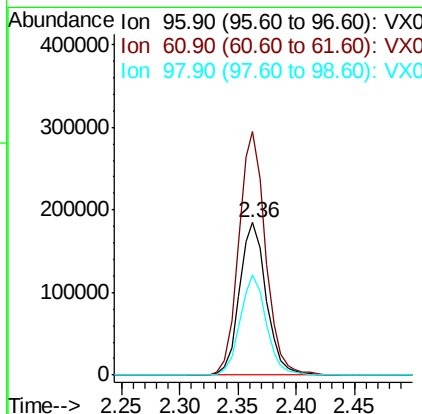
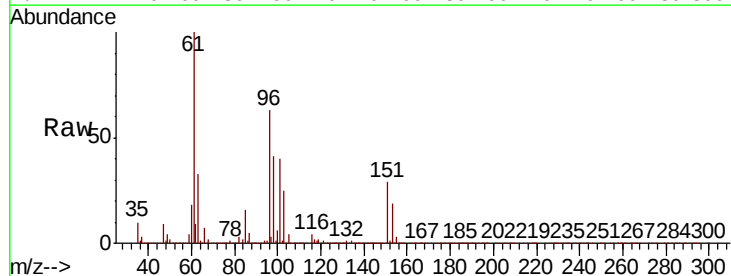
Tot Ion: 59 Resp: 446942
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

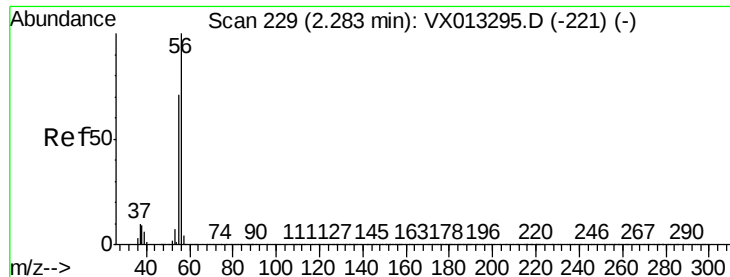


#12

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

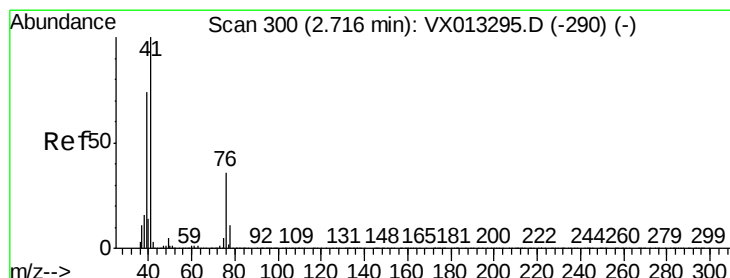
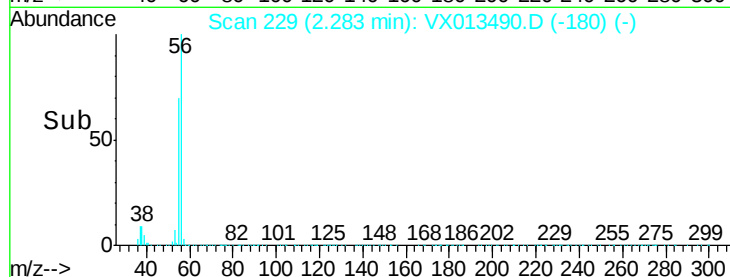
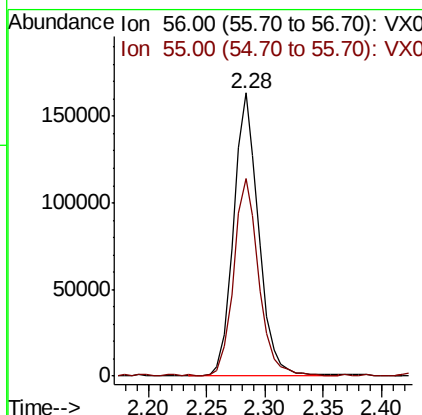
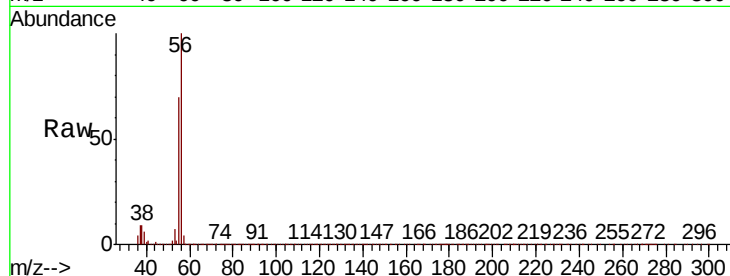




#13
Acrolein
Concen: 236.544 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

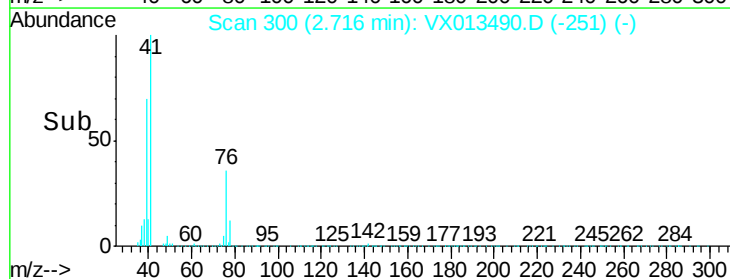
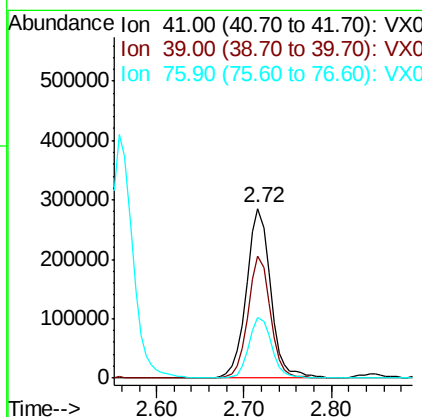
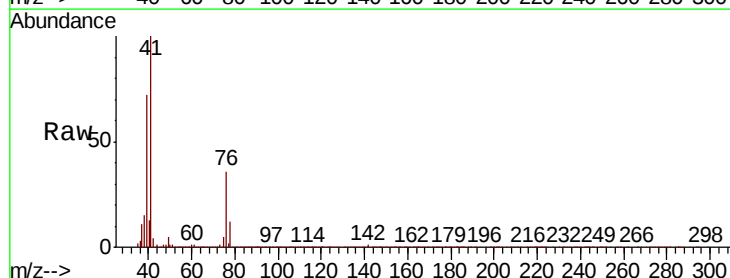
Instrument :
MSVOA_X
ClientSampleId :

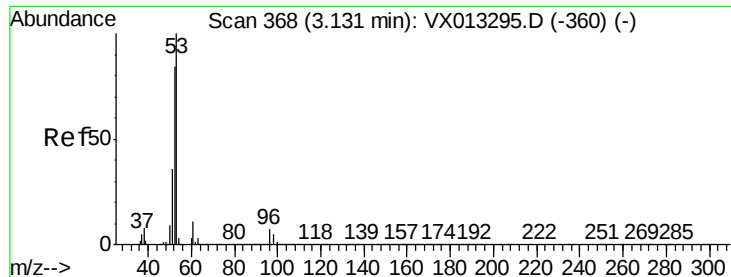
Tot Ion: 56 Resp: 243242
Ion Ratio Lower Upper
56 100
55 69.3 57.4 86.0



#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

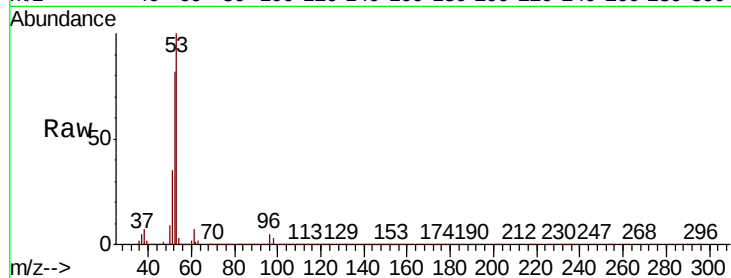
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 998090

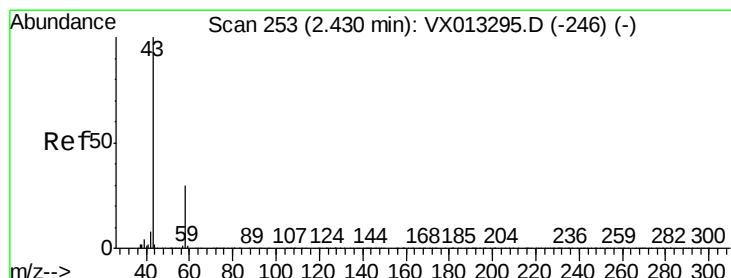
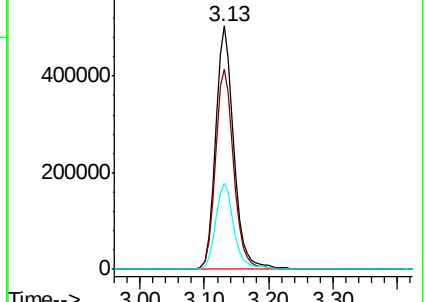
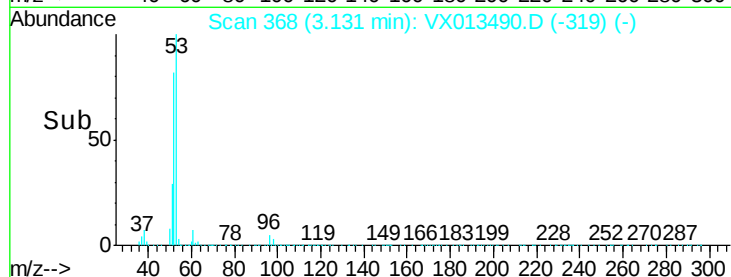
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	35.9	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 308.062 ug/l

RT: 2.43 min Scan# 253

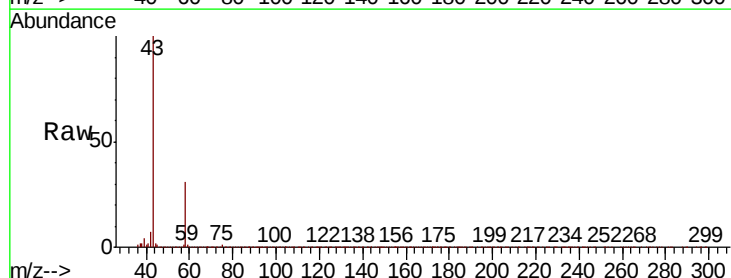
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

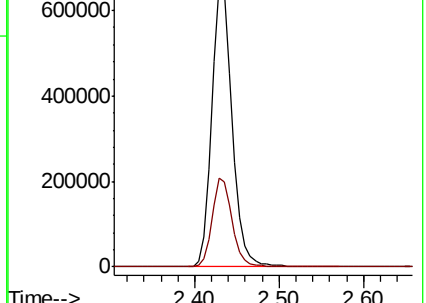
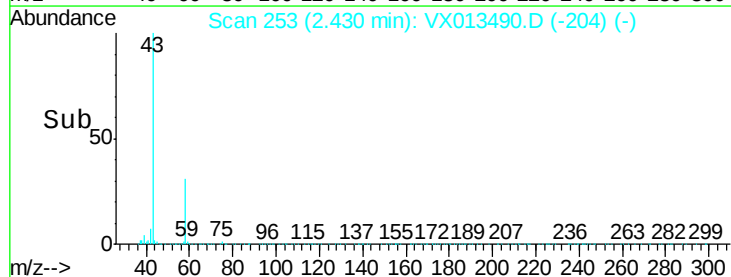
Tgt Ion: 43 Resp: 1106132

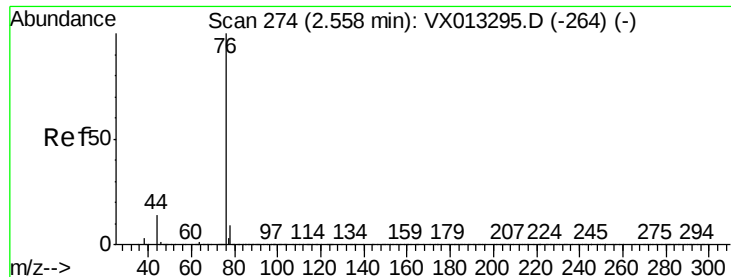
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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

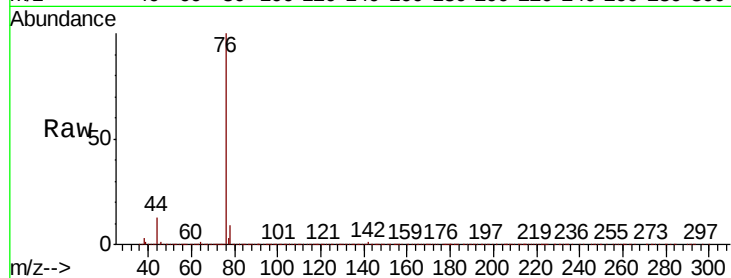
ClientSampleId :

Tot Ion: 76 Resp: 702685

Ion Ratio Lower Upper

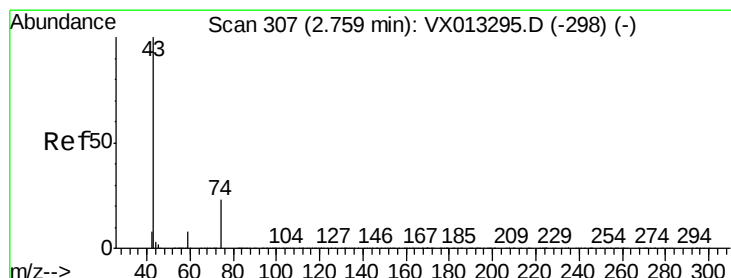
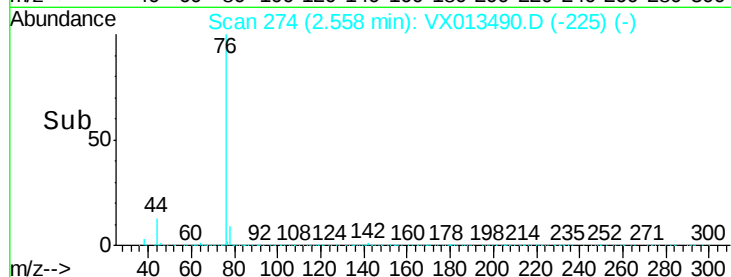
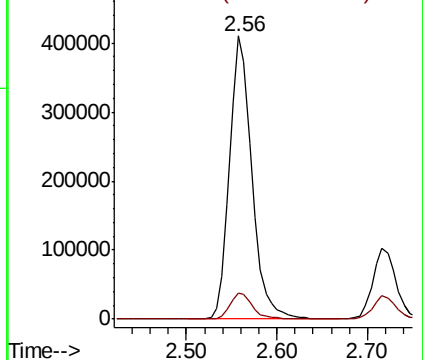
76 100

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

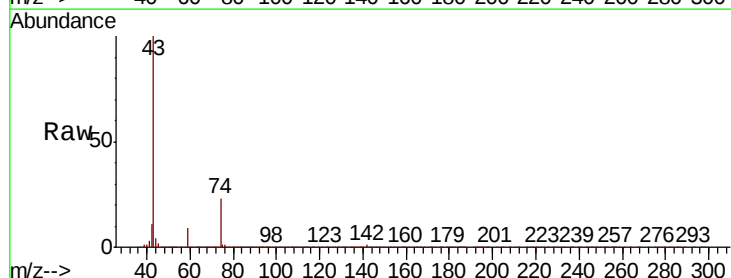
Acq: 20 Nov 2019 20:14

Tgt Ion: 43 Resp: 592967

Ion Ratio Lower Upper

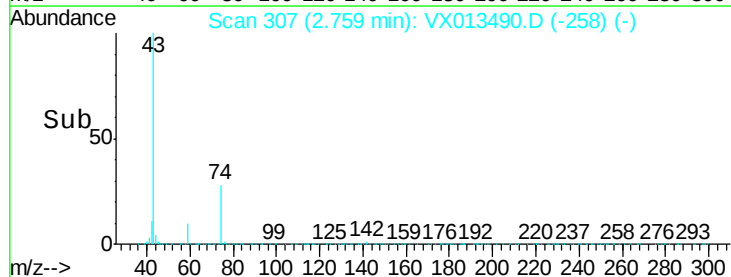
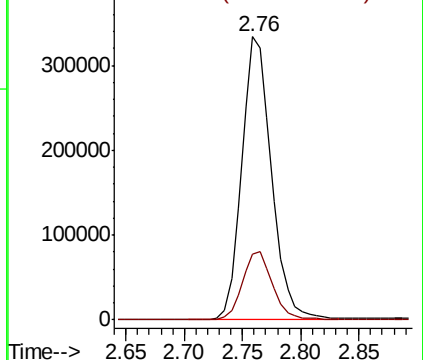
43 100

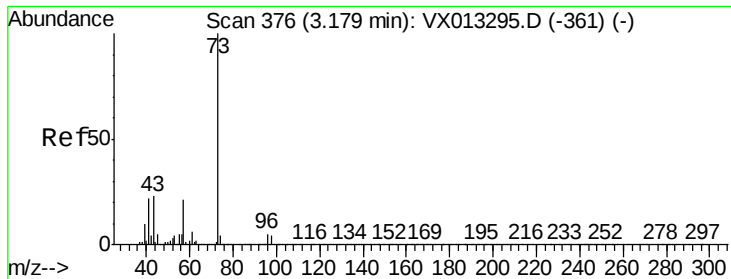
74 24.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

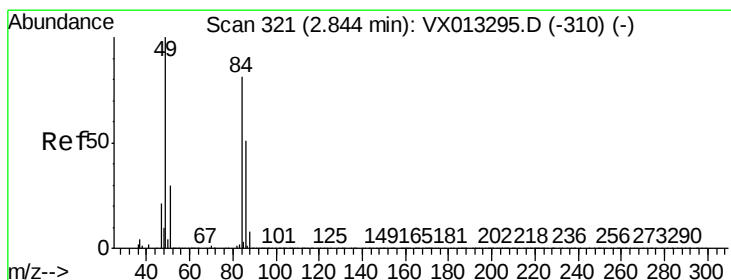
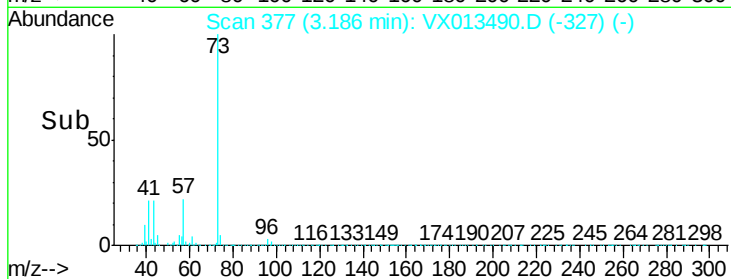
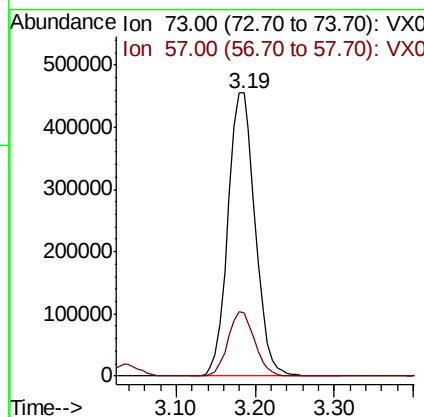
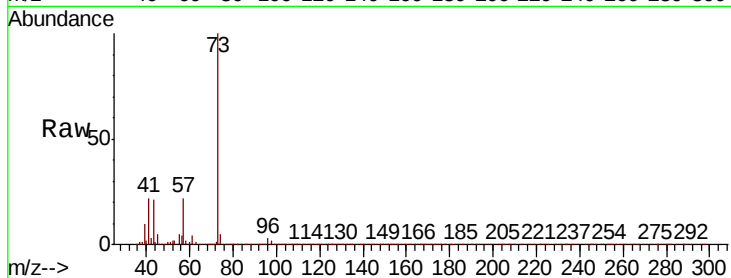




#19
Methvl tert-butvl Ether
Concen: 58.544 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

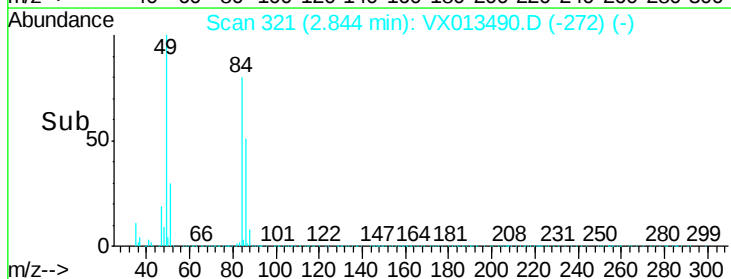
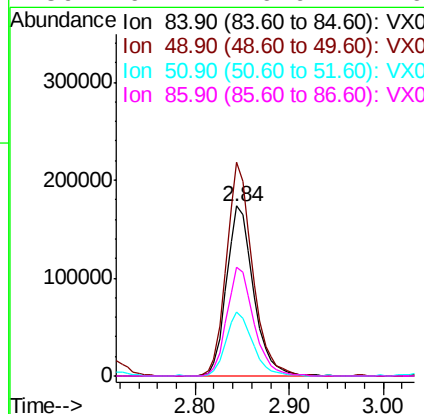
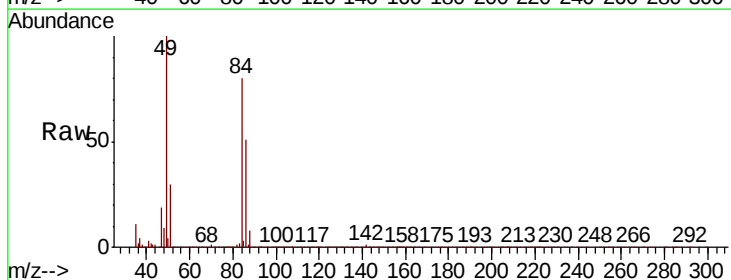
Instrument :
MSVOA_X
ClientSampleId :

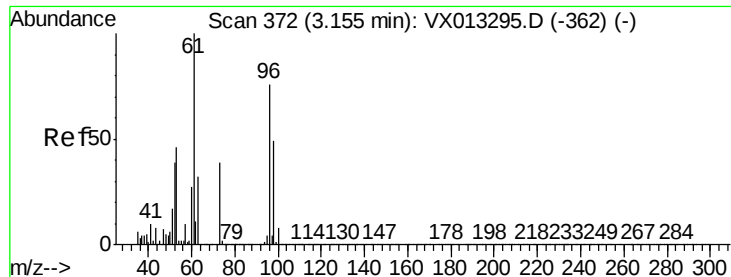
Tot Ion: 73 Resp: 1088337
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#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

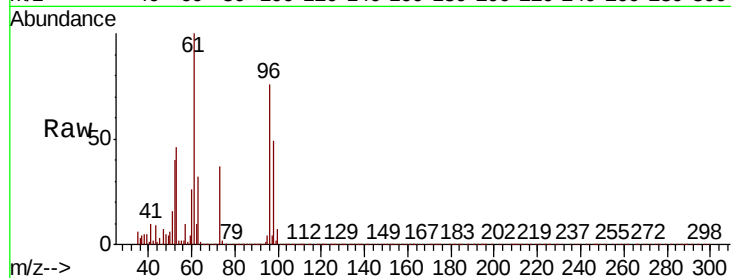
Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :

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

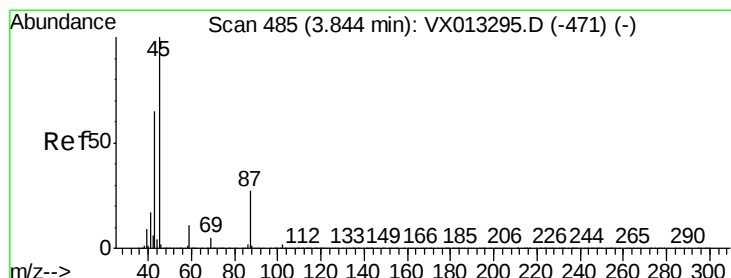
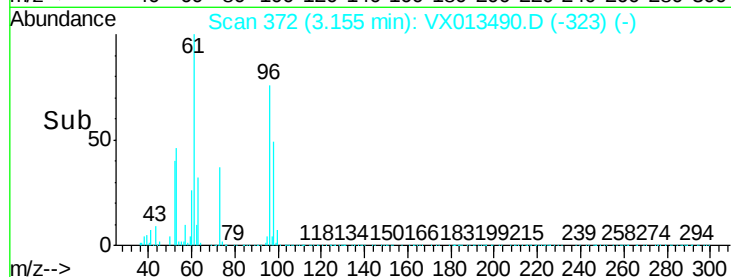
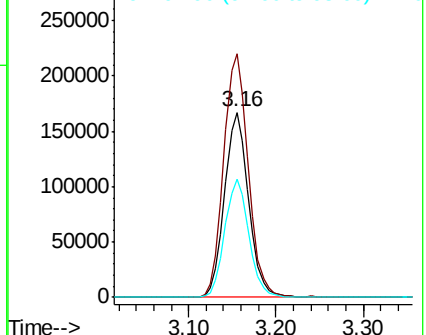


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.070 ug/l

RT: 3.84 min Scan# 485

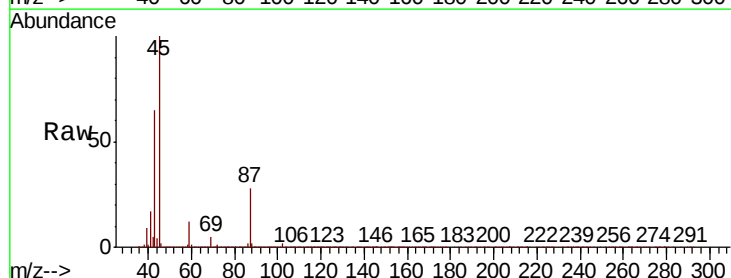
Delta R.T. -0.00 min

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



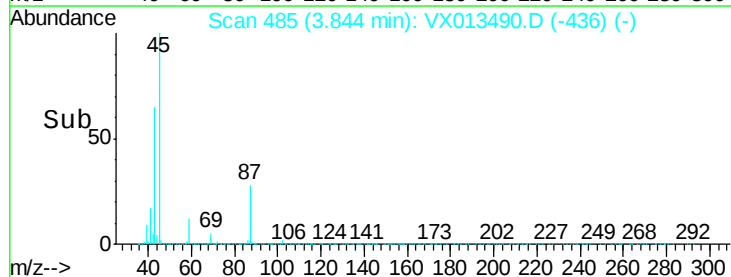
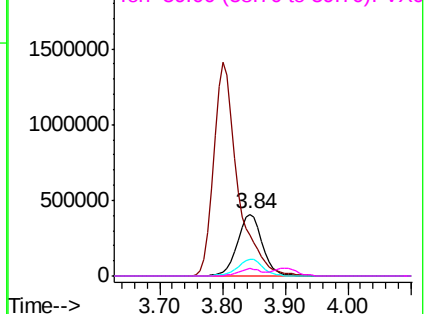
Abundance

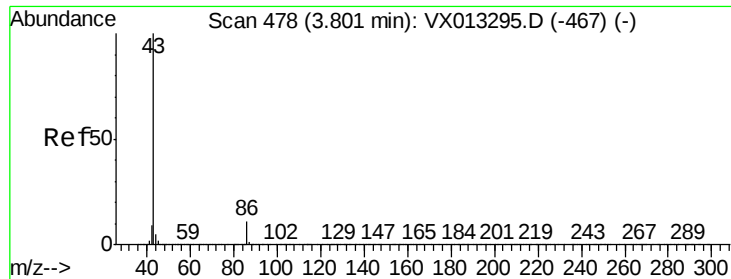
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

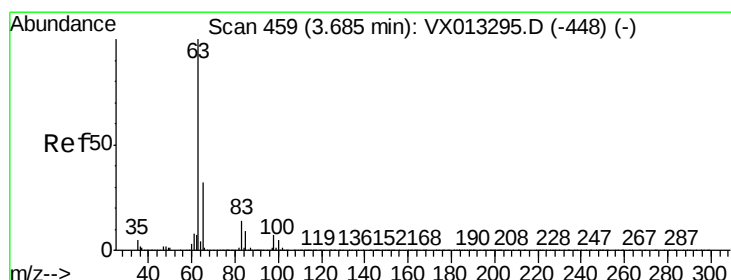
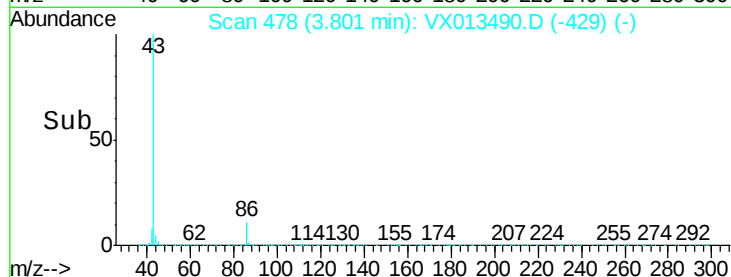
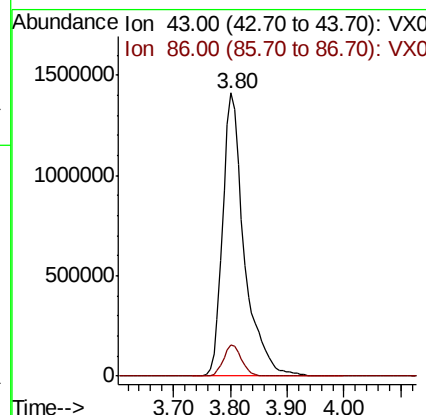
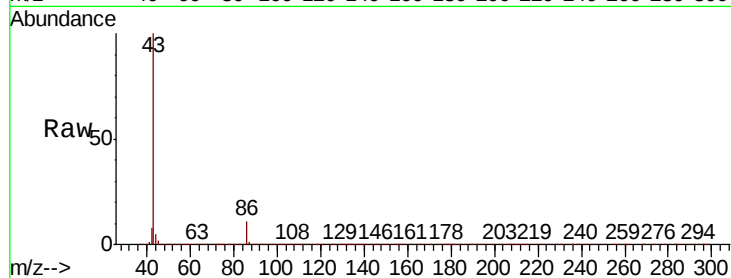




#23
 Vinyl Acetate
 Concen: 222.204 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

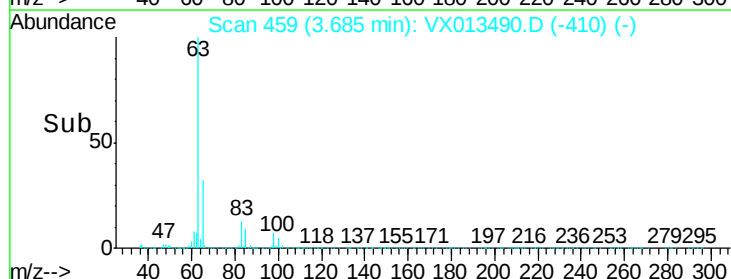
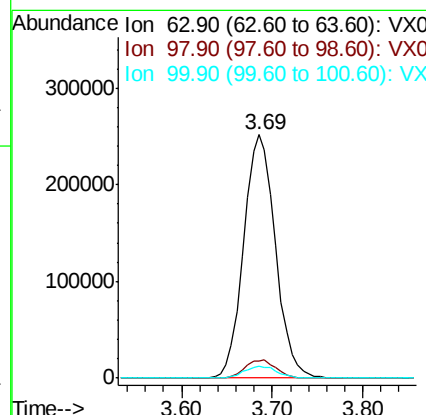
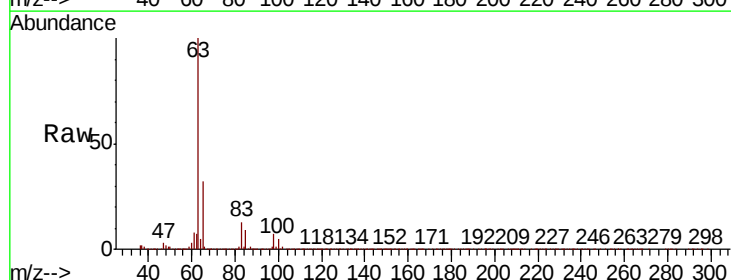
Instrument :
 MSVOA_X
 ClientSampleId :

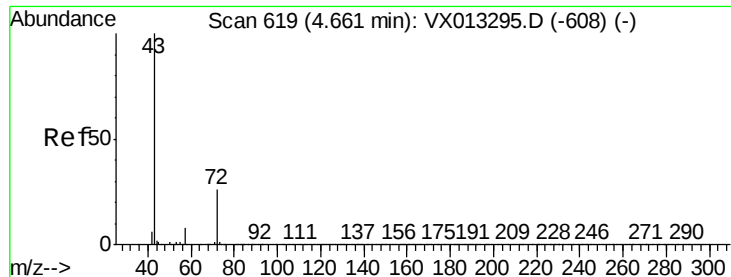
Tot Ion: 43 Resp: 3717581
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#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

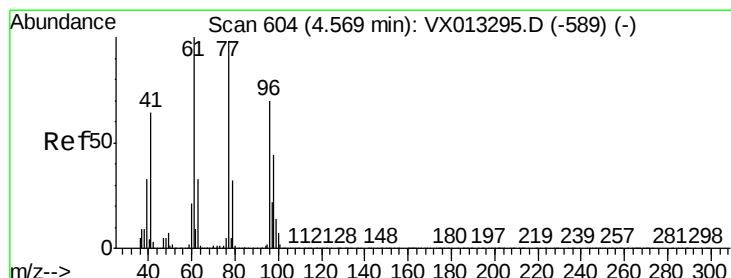
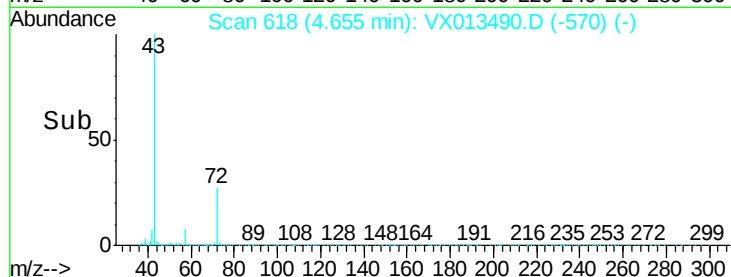
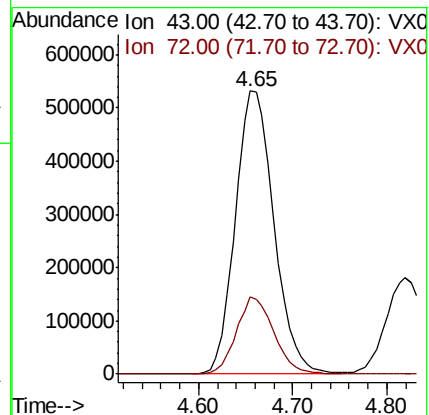
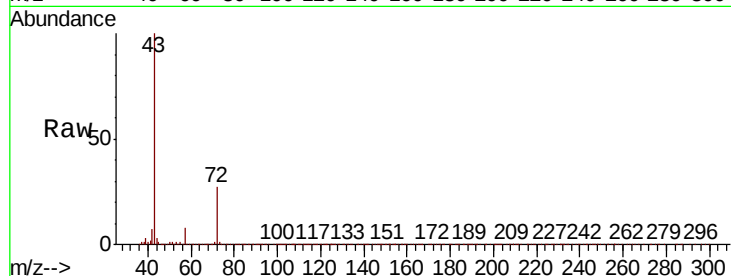
ClientSampleId :

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

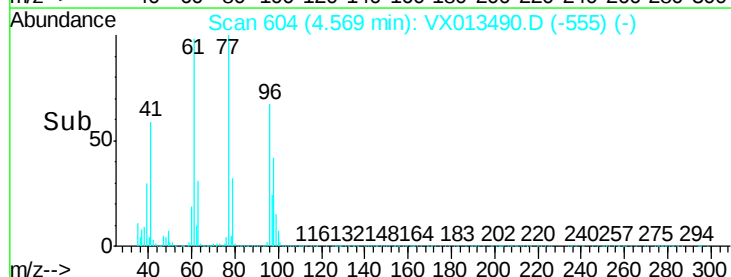
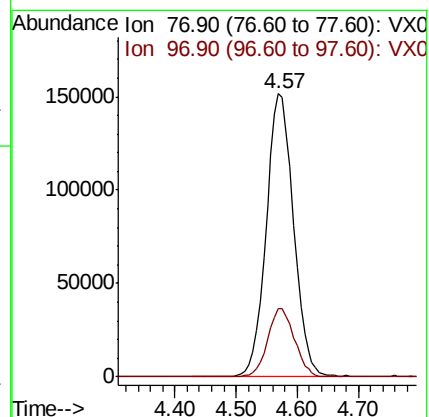
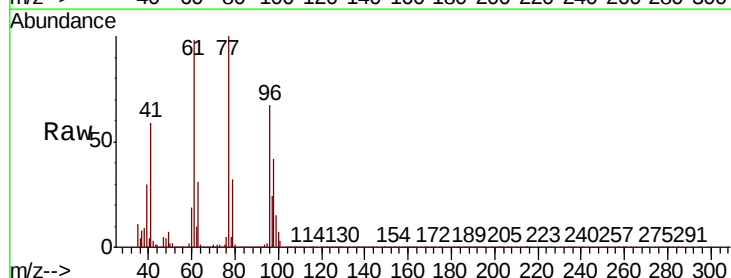
Acq: 20 Nov 2019 20:14

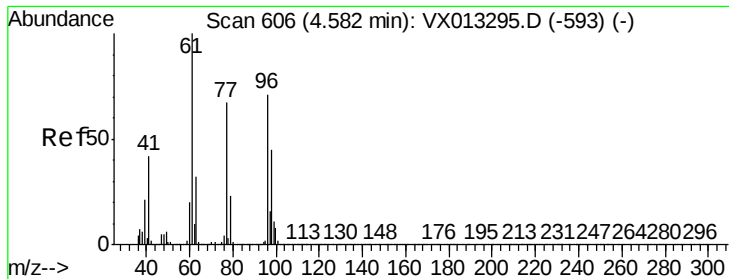
Tgt Ion: 77 Resp: 470827

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8



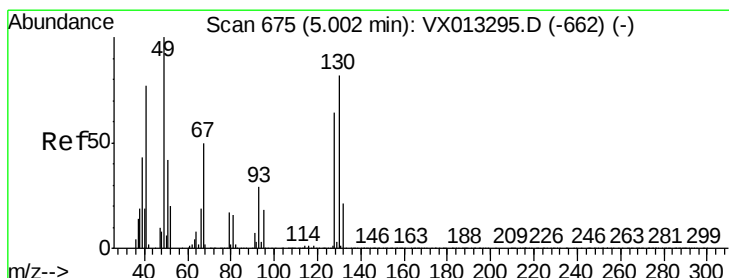
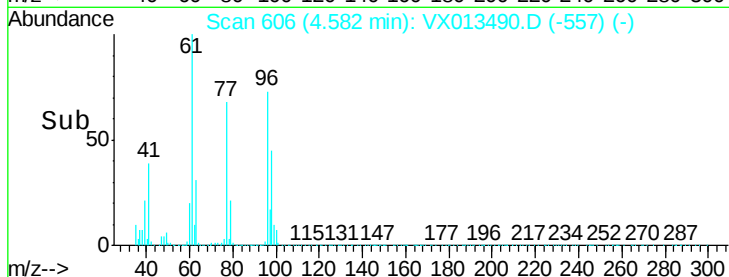
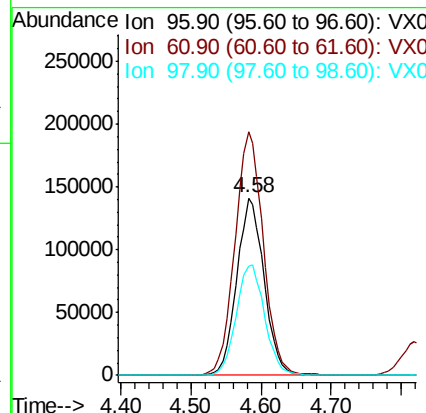
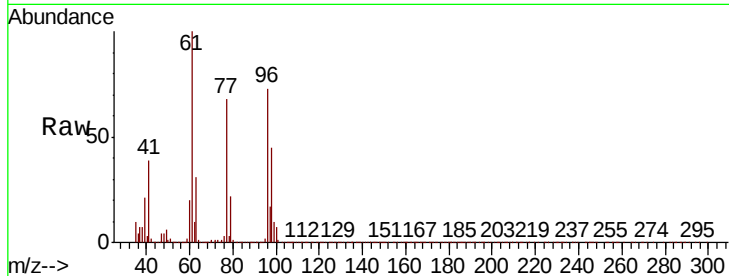


#27

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
ClientSampled :

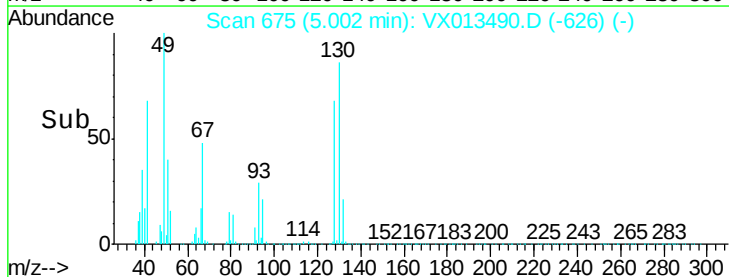
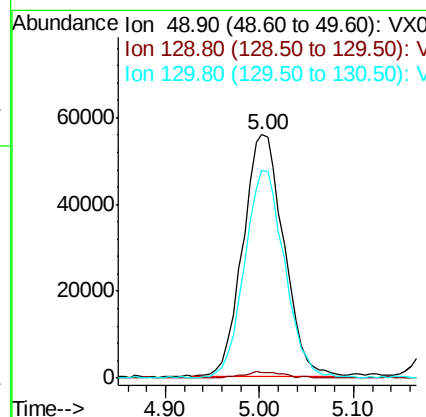
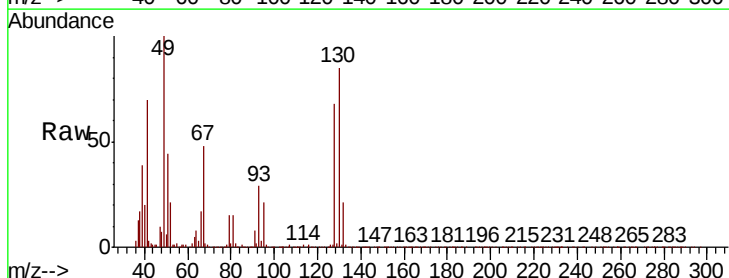
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	288.0
98	64.9	0.0	129.6

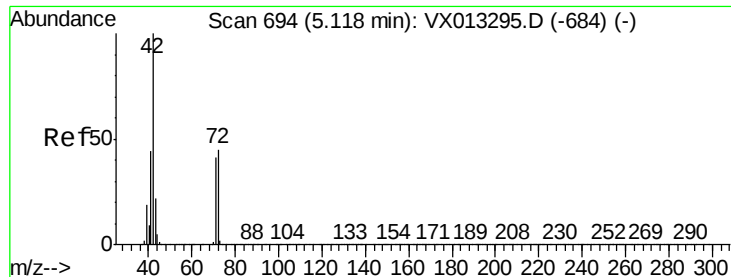


#28

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

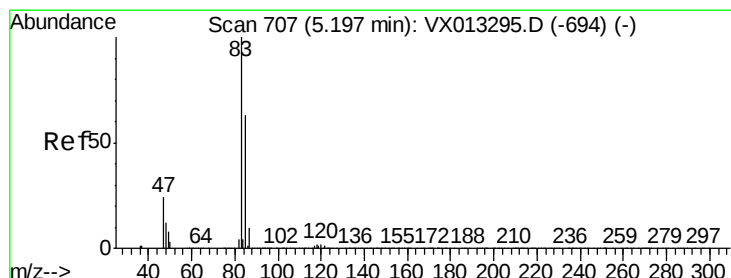
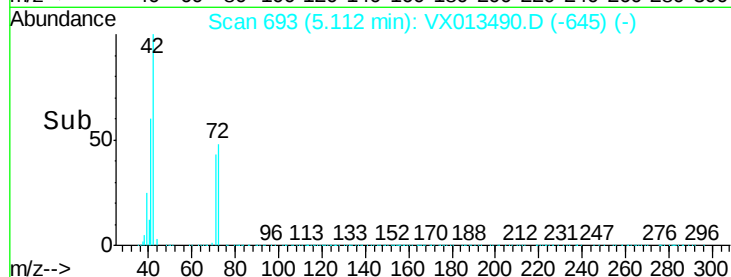
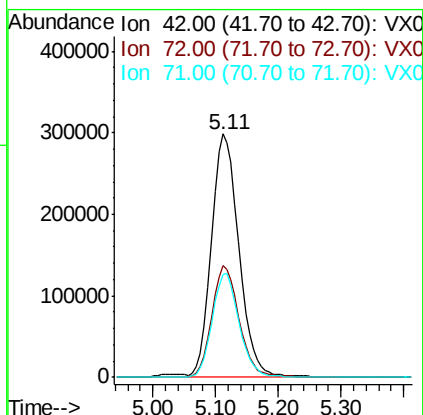
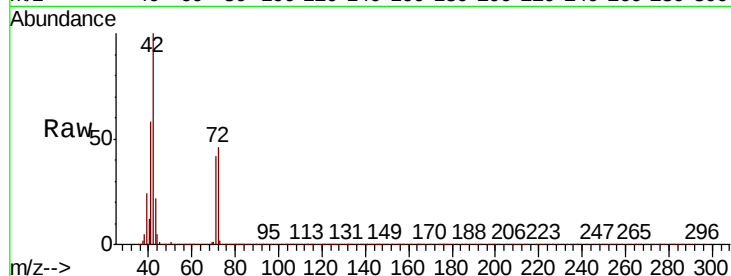




#29
Tetrahydrofuran
Concen: 277.913 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

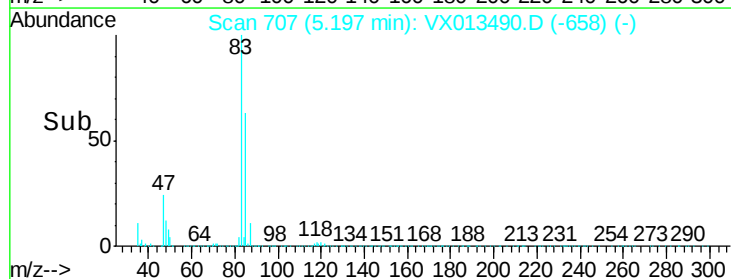
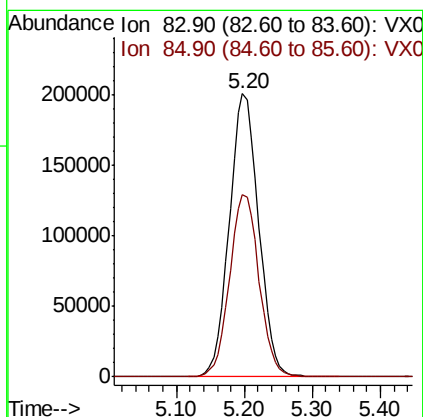
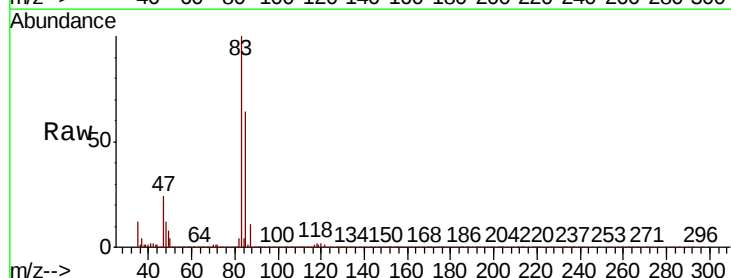
Instrument :
MSVOA_X
ClientSampleId :

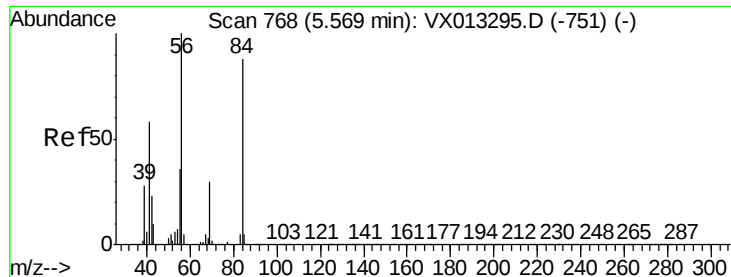
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.8	53.8
71	41.8	33.4	50.0



#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 :

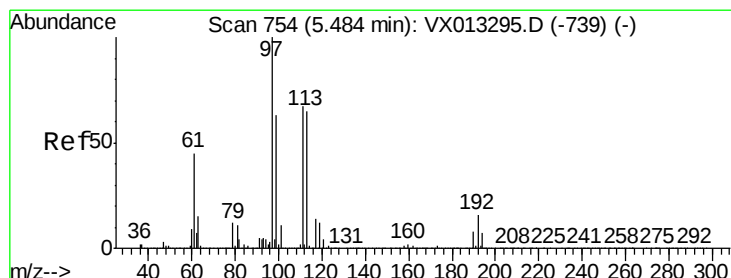
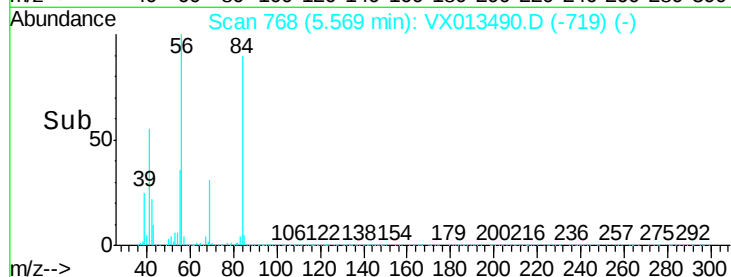
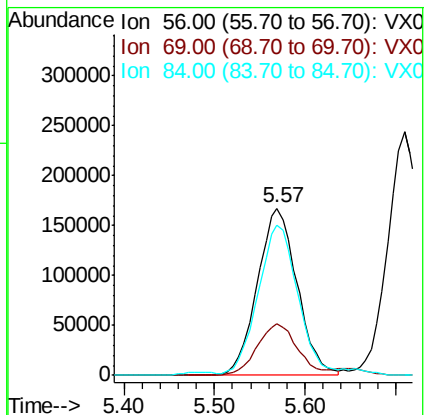
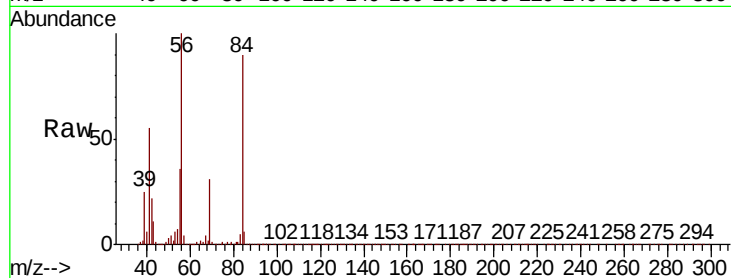
Tot Ion: 56 Resp: 504009

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

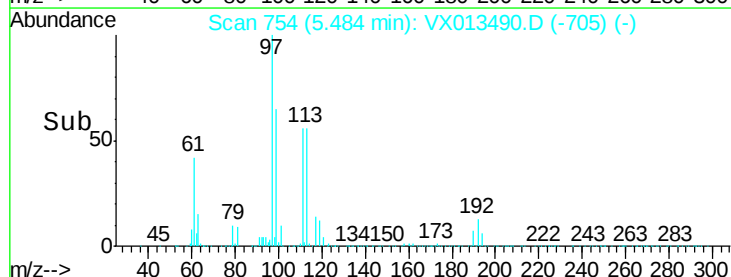
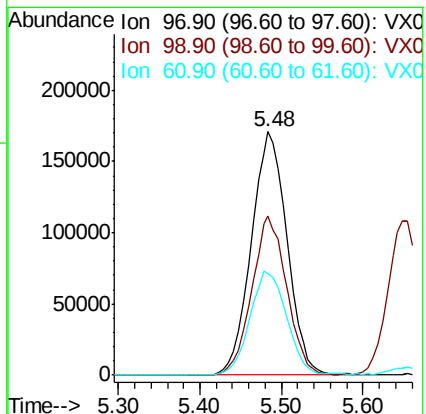
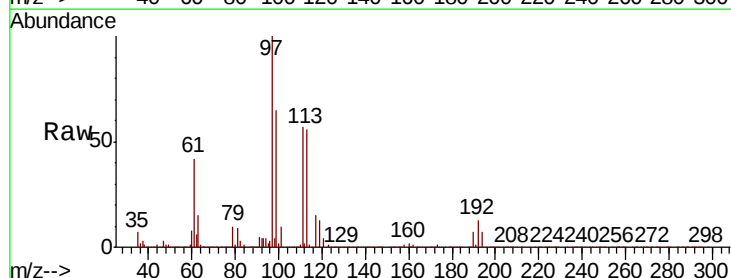
Tgt Ion: 97 Resp: 519191

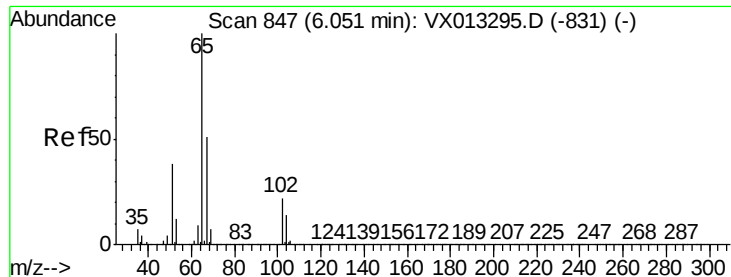
Ion Ratio Lower Upper

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

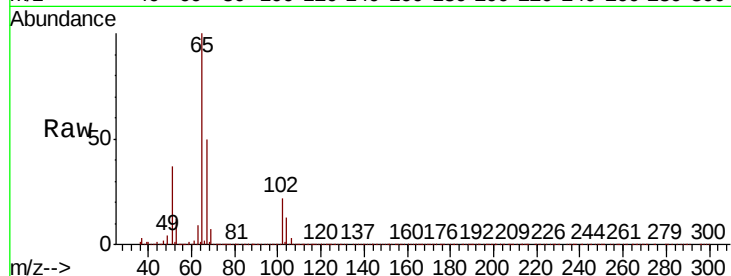
ClientSampleId :

Tot Ion: 65 Resp: 339870

Ion Ratio Lower Upper

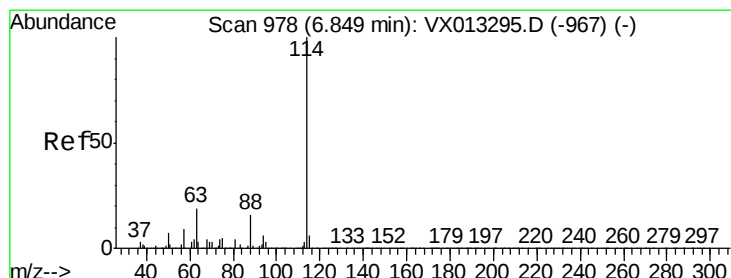
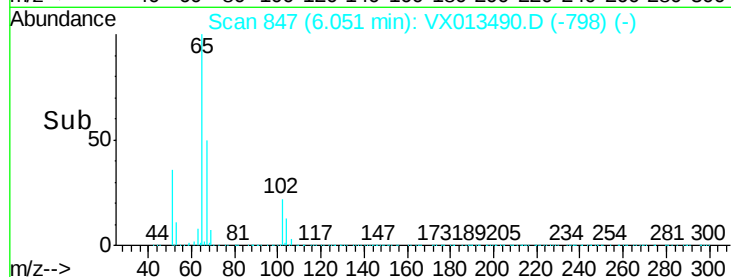
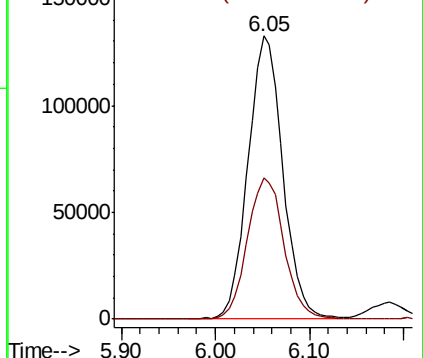
65 100

67 52.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

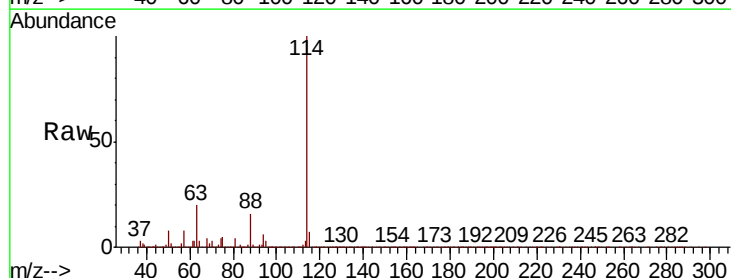
Tgt Ion: 114 Resp: 932069

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

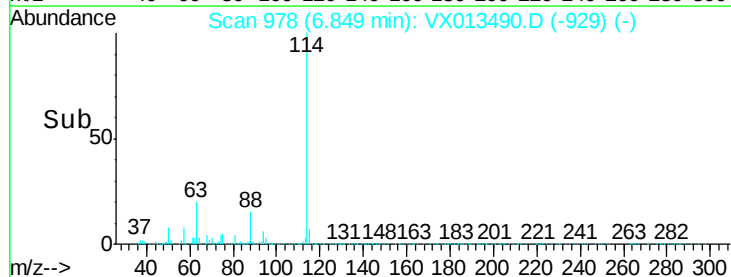
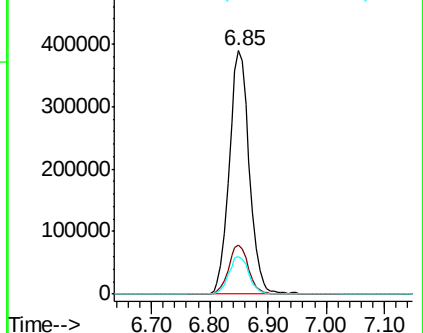
88 15.4 0.0 32.2

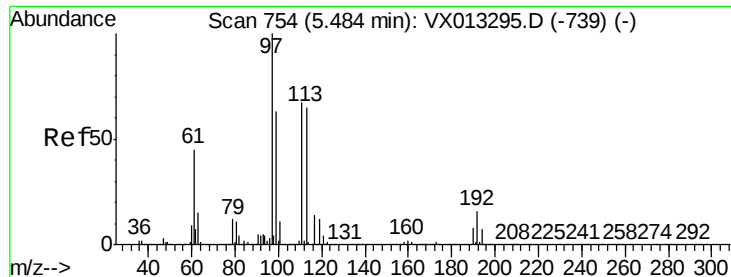


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.435 ug/l

RT: 5.49 min Scan# 755

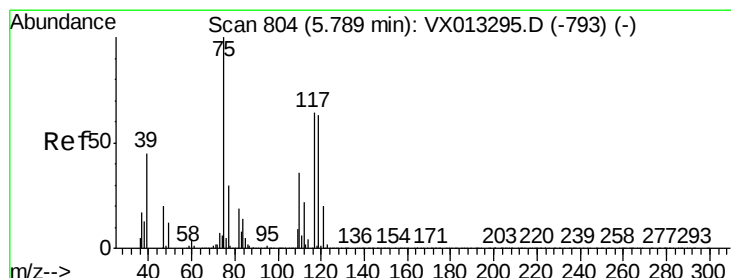
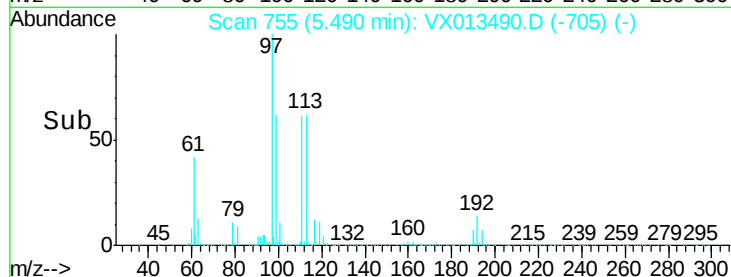
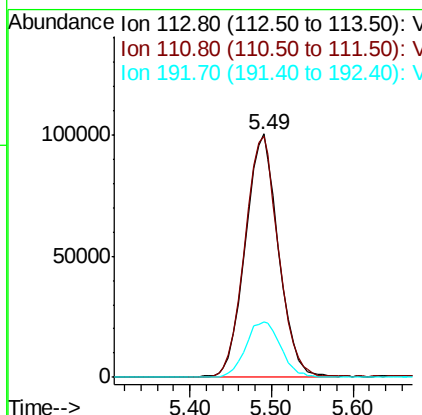
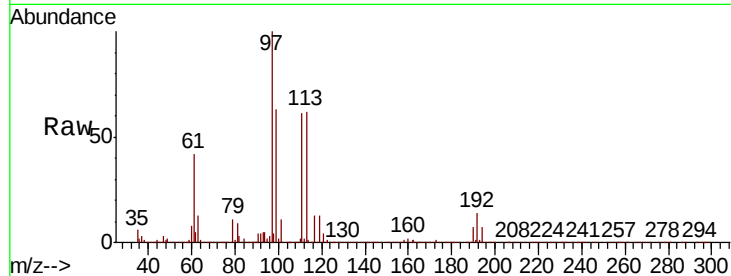
Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampled :

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



#36

1,1-Dichloropropene

Concen: 53.609 ug/l

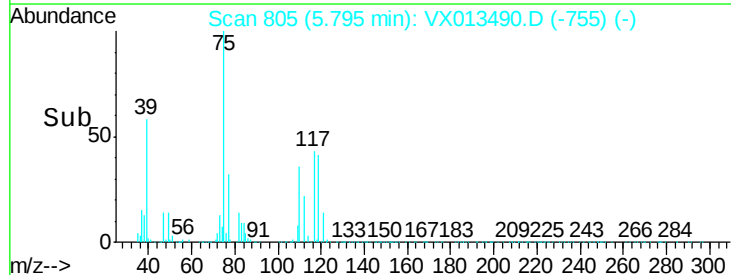
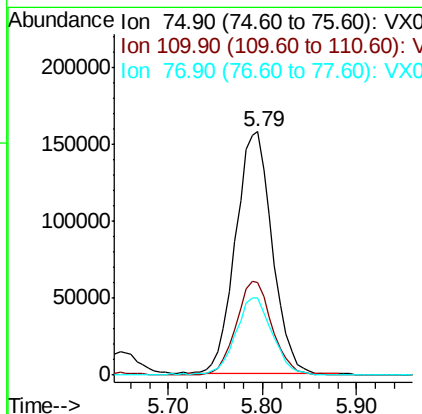
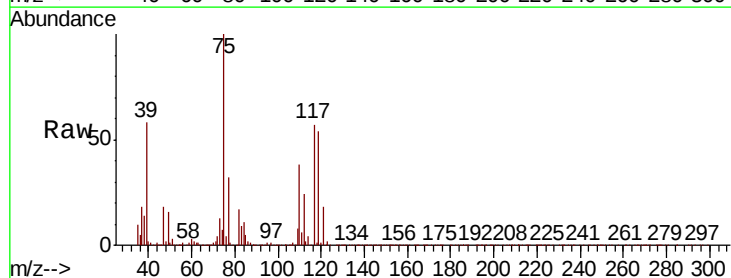
RT: 5.79 min Scan# 805

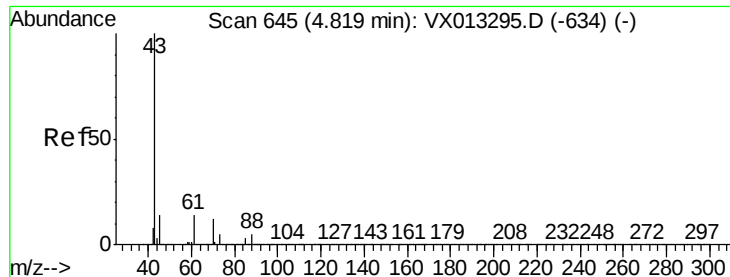
Delta R.T. 0.01 min

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

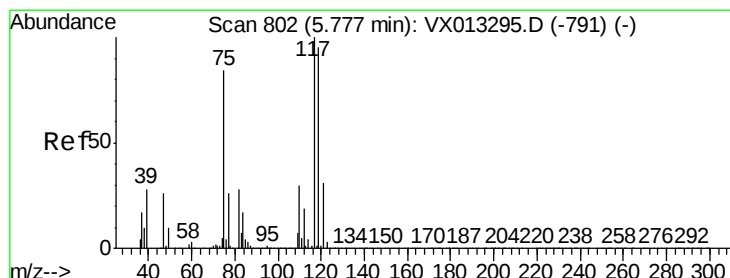
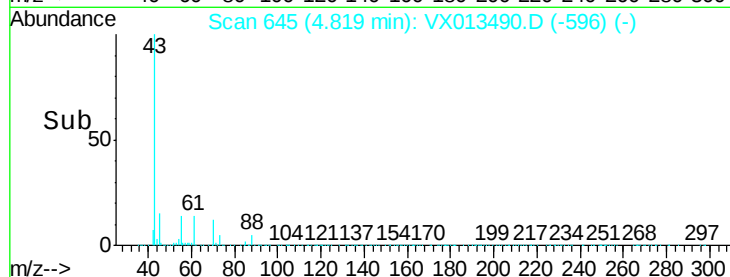
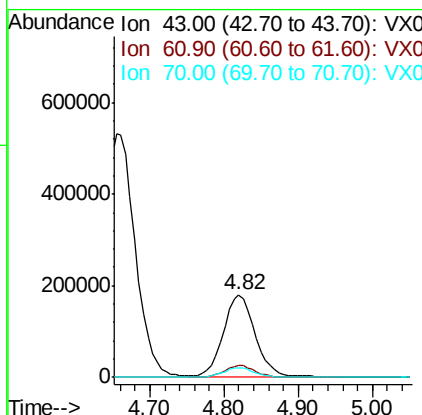
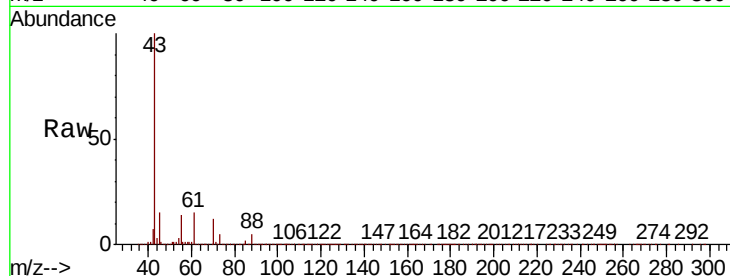




#37
Ethyl Acetate
Concen: 54.395 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

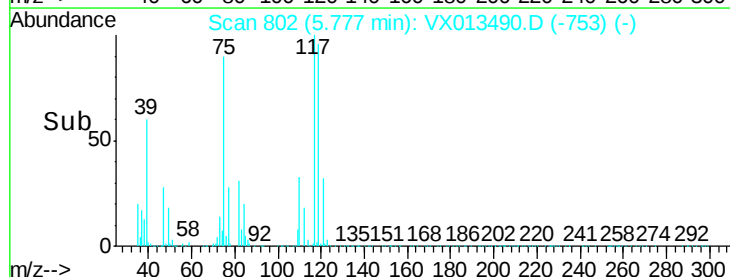
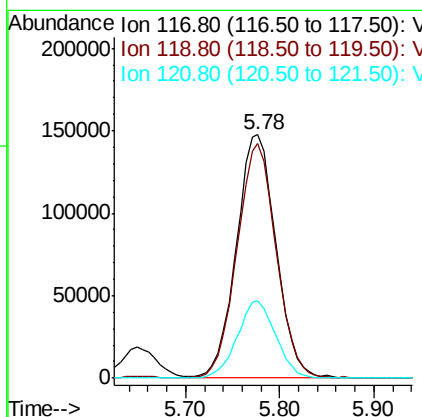
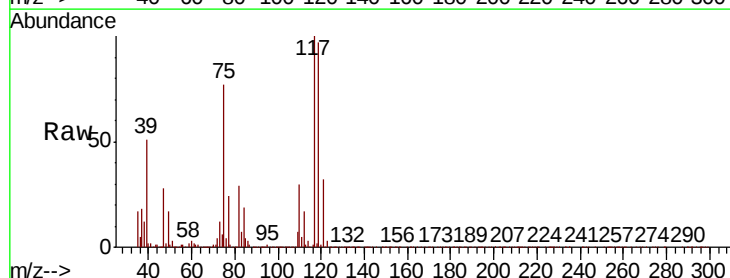
Instrument :
MSVOA_X
ClientSampleId :

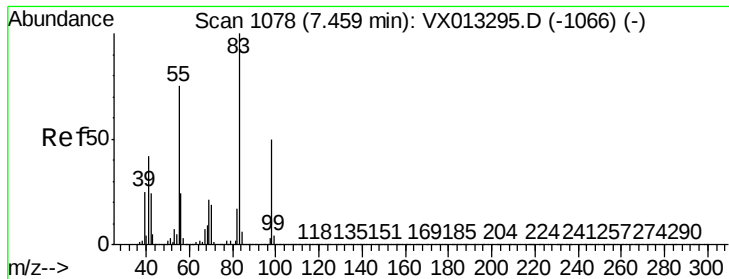
Tot Ion: 43 Resp: 537448
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.9 8.7 13.1



#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

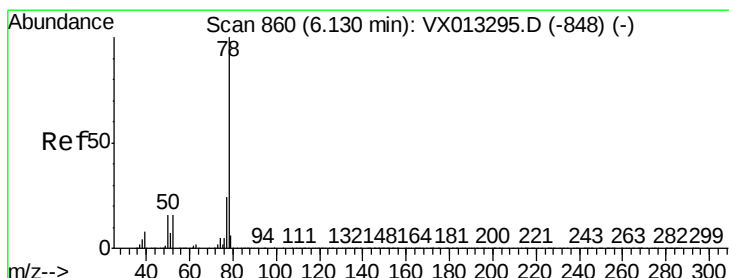
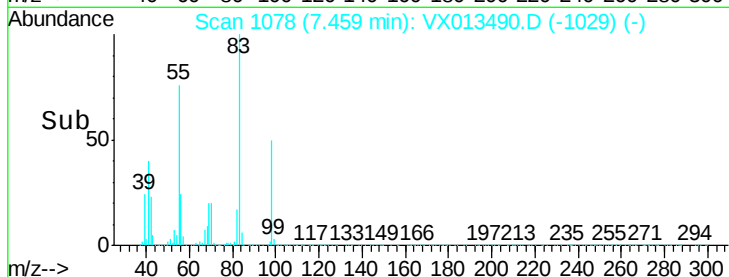
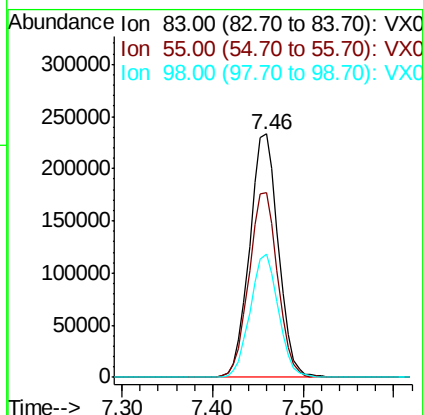
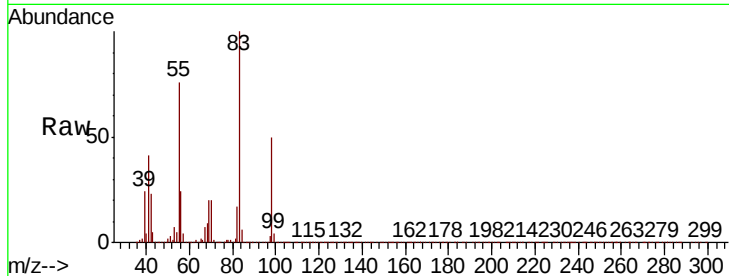




#39
Methvlcvclohexane
Concen: 51.361 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

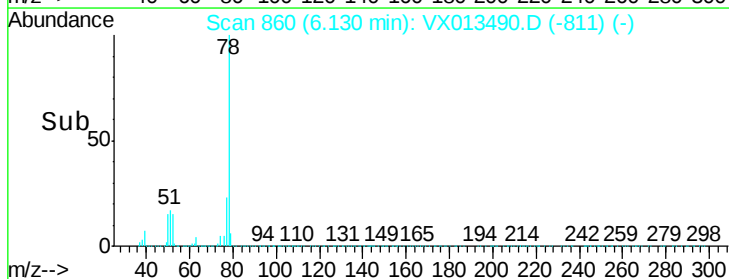
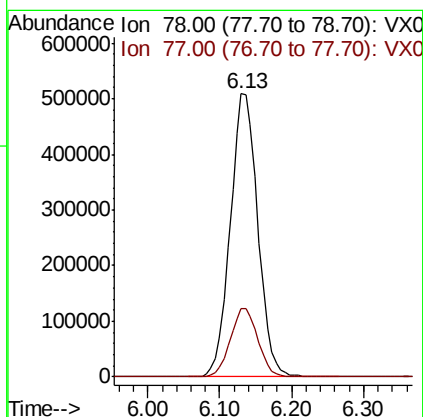
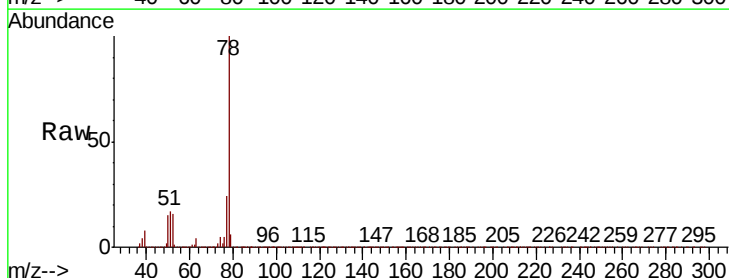
Instrument :
MSVOA_X
ClientSampleId :

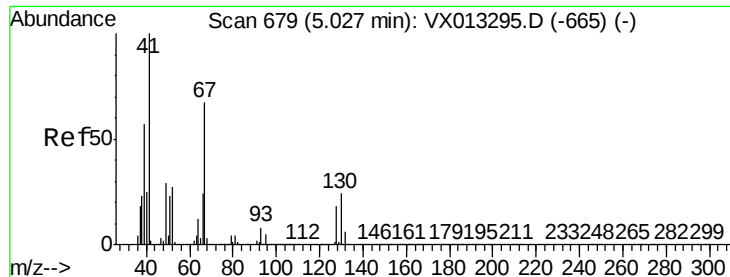
Tot Ion	83	Resp	511718
Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.3	90.5
98	50.3	40.3	60.5



#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	78	Resp	1346482
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 :

Tot Ion: 41 Resp: 301140

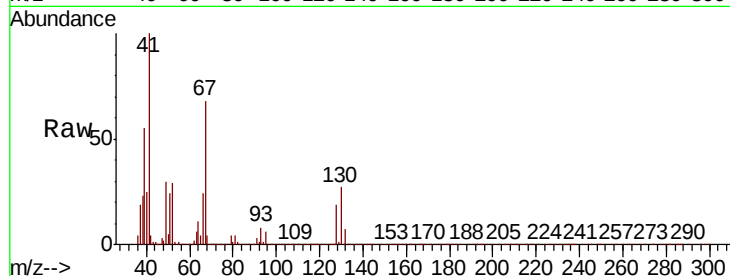
Ion Ratio Lower Upper

41 100

39 54.2 45.0 67.6

67 71.3 55.4 83.2

52 28.7 23.1 34.7

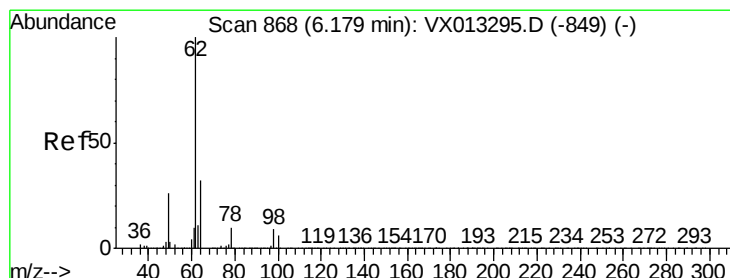
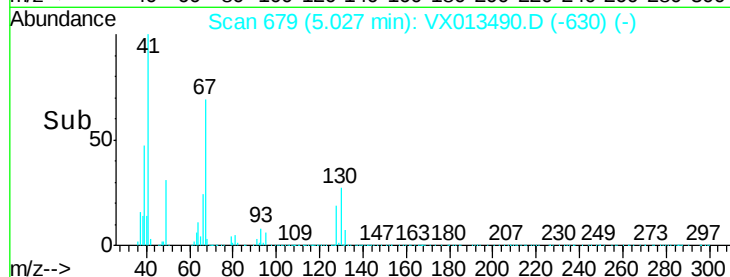
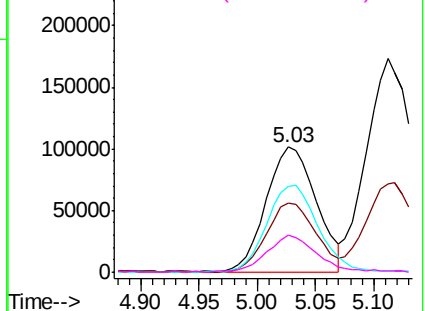


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.810 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013490.D

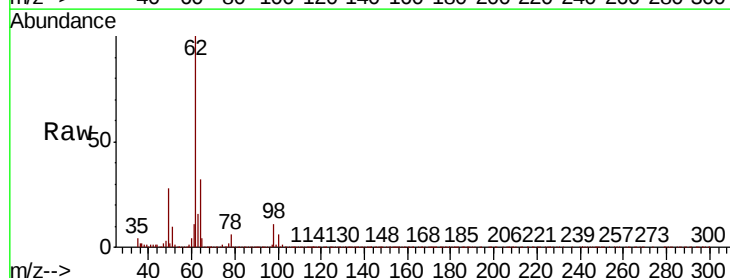
Acq: 20 Nov 2019 20:14

Tgt Ion: 62 Resp: 483437

Ion Ratio Lower Upper

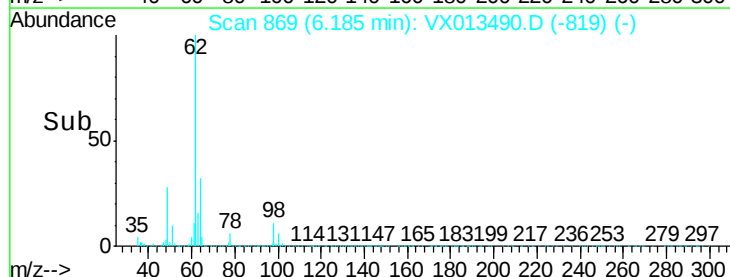
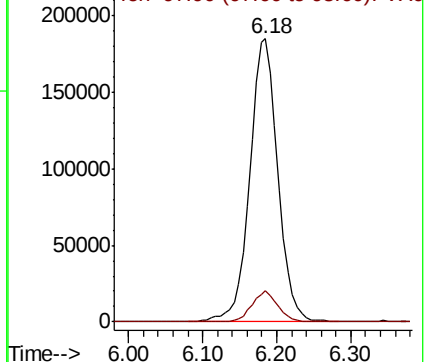
62 100

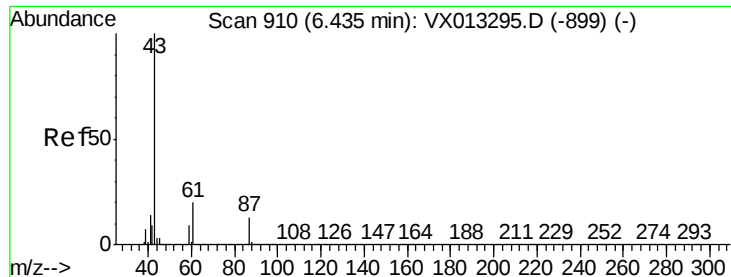
98 10.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#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 :

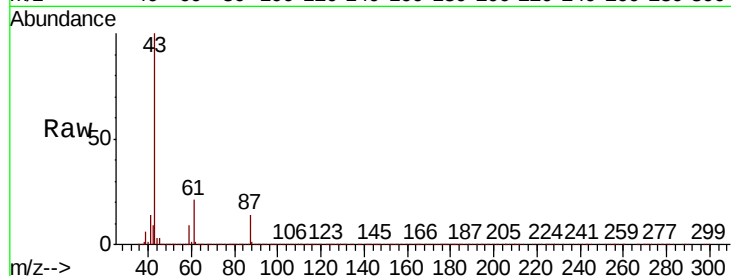
Tot Ion: 43 Resp: 879577

Ion Ratio Lower Upper

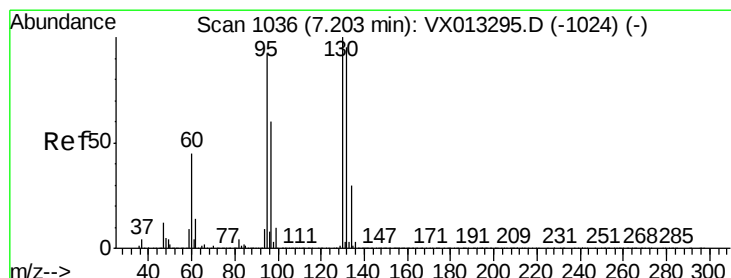
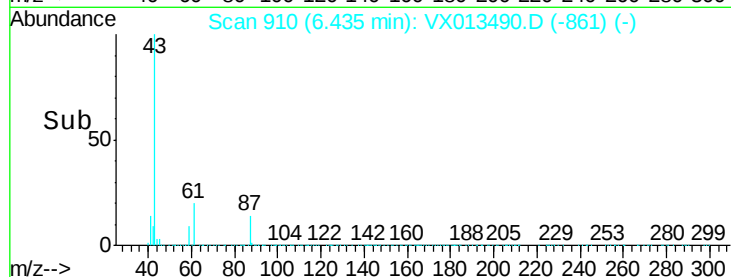
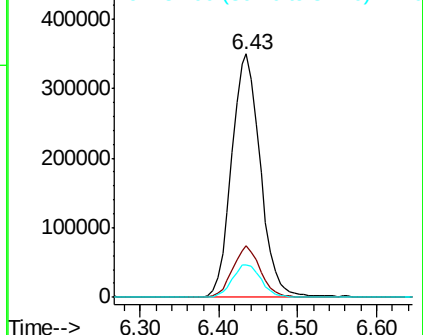
43 100

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

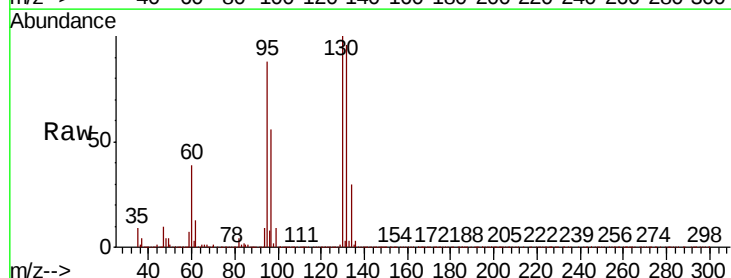
Acq: 20 Nov 2019 20:14

Tgt Ion:130 Resp: 384904

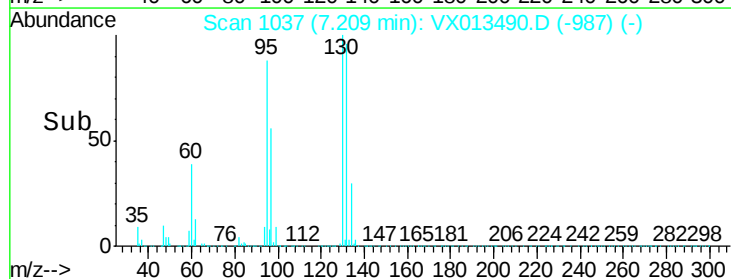
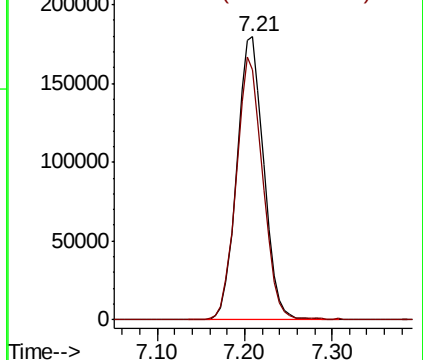
Ion Ratio Lower Upper

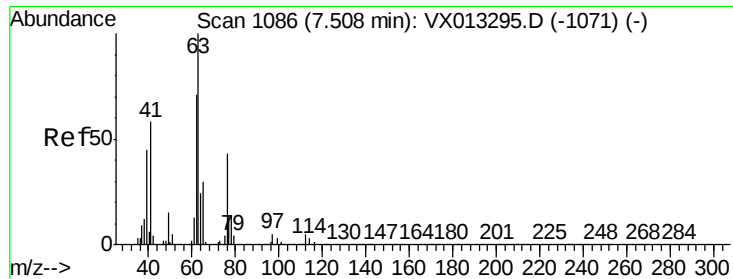
130 100

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

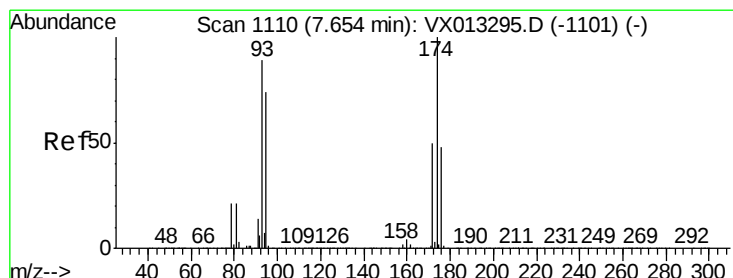
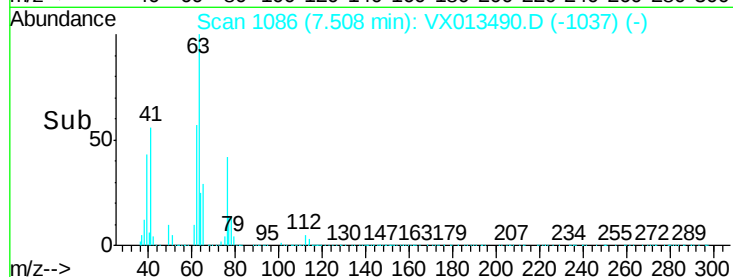
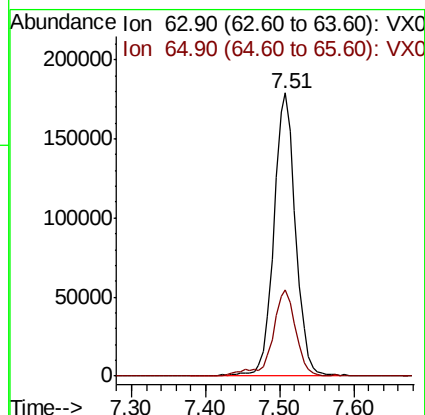
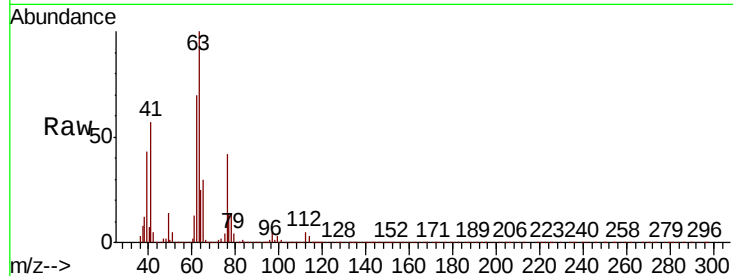




#45
 1,2-Dichloropropane
 Concen: 56.810 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

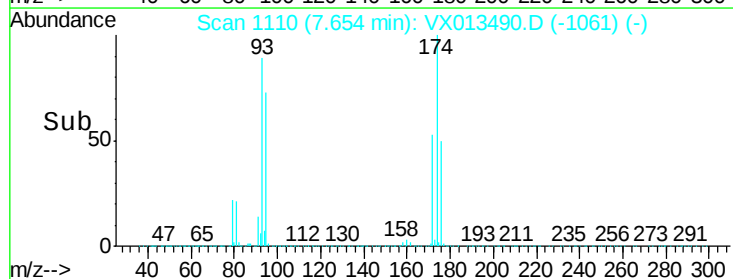
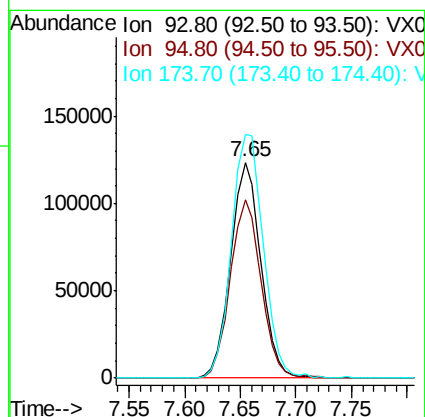
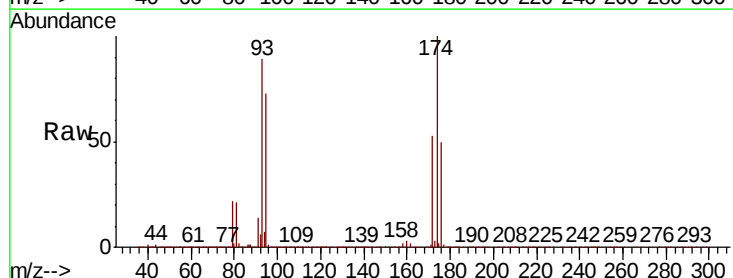
Instrument :
 MSVOA_X
 ClientSampleId :

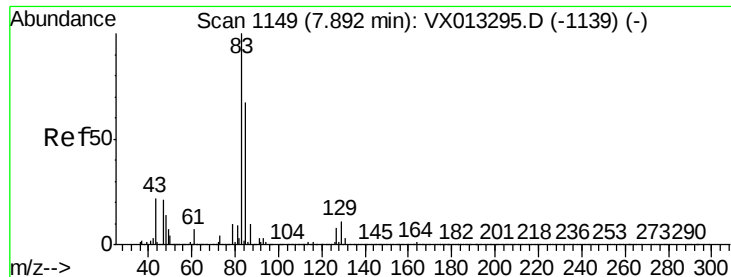
Tot Ion: 63 Resp: 360530
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.3 36.5



#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 :

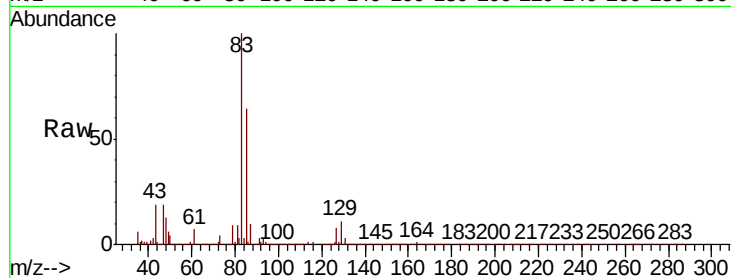
Tot Ion: 83 Resp: 478820

Ion Ratio Lower Upper

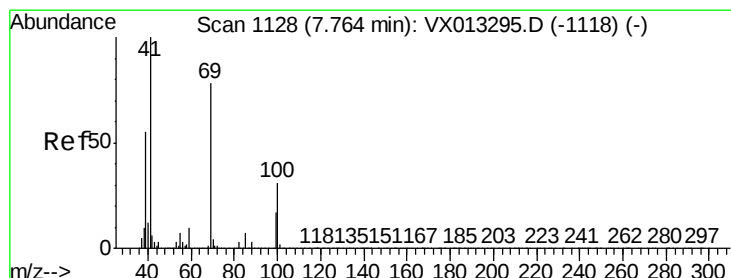
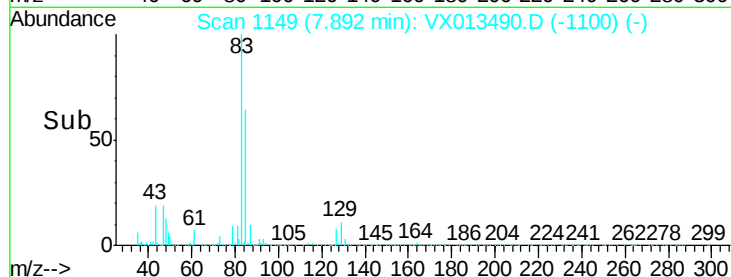
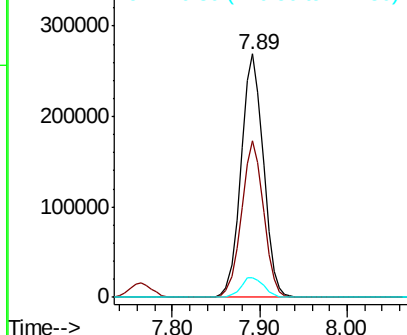
83 100

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

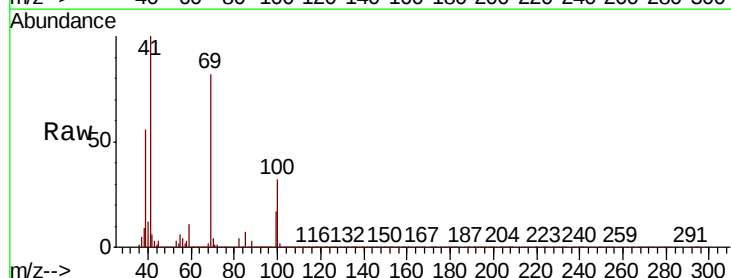
Tgt Ion: 41 Resp: 436942

Ion Ratio Lower Upper

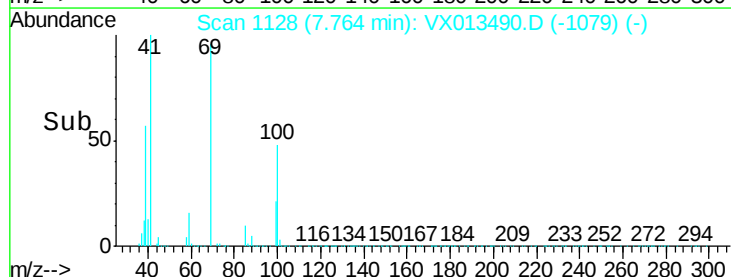
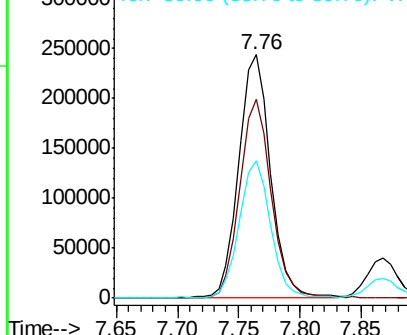
41 100

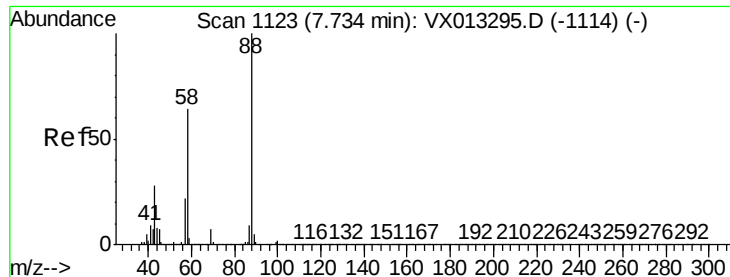
69 82.0 63.0 94.6

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 :

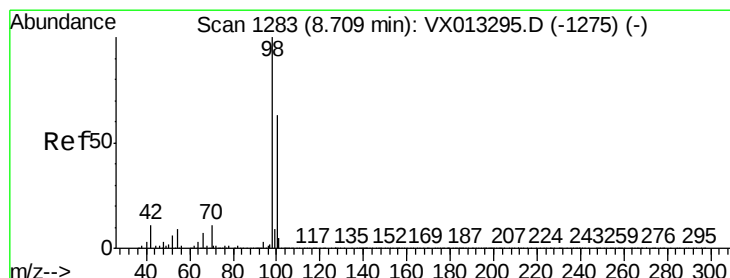
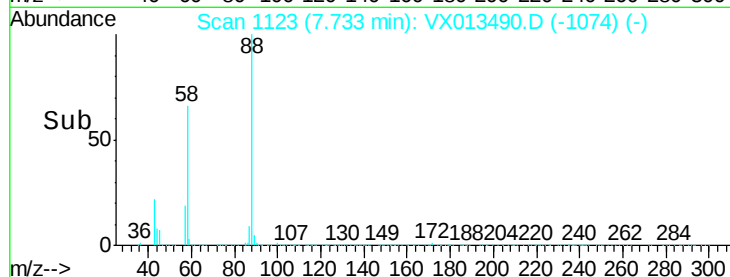
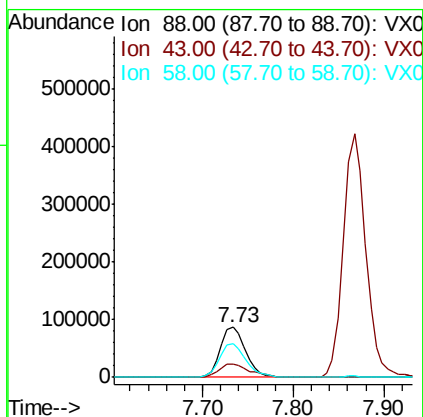
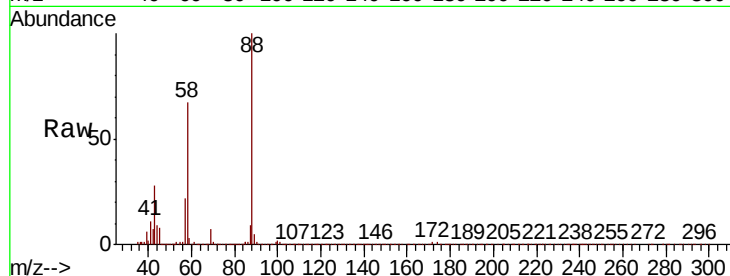
Tot Ion: 88 Resp: 168708

Ion Ratio Lower Upper

88 100

43 33.1 26.6 39.8

58 70.1 55.0 82.6



#50

Toluene-d8

Concen: 48.078 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013490.D

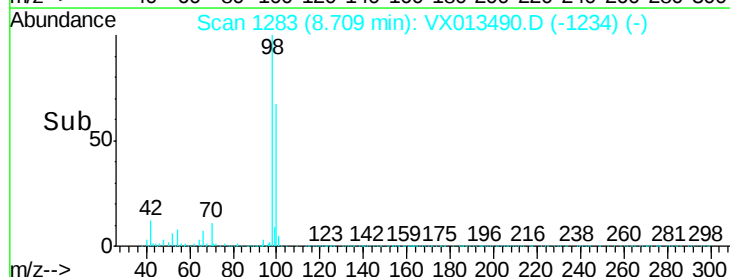
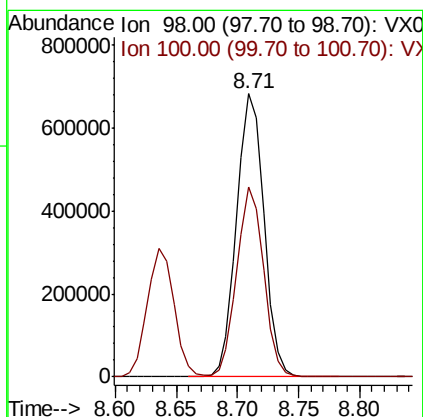
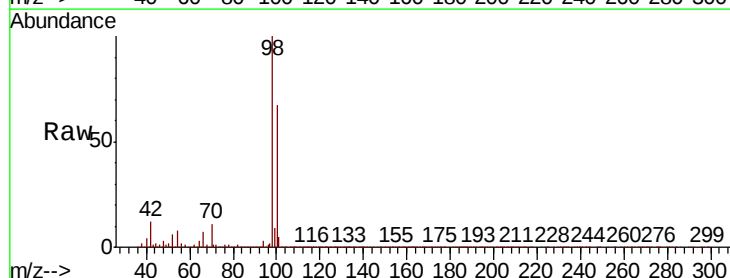
Acq: 20 Nov 2019 20:14

Tgt Ion: 98 Resp: 1059598

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2





#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

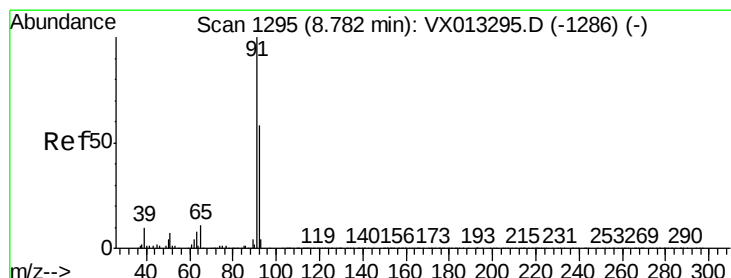
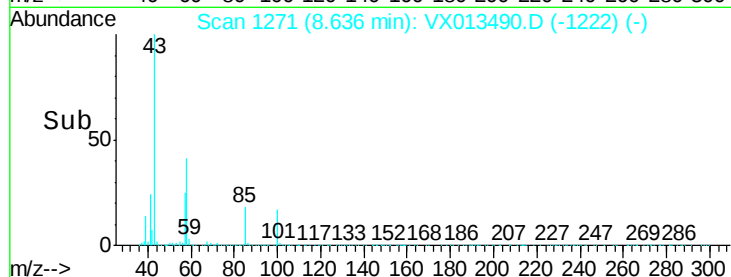
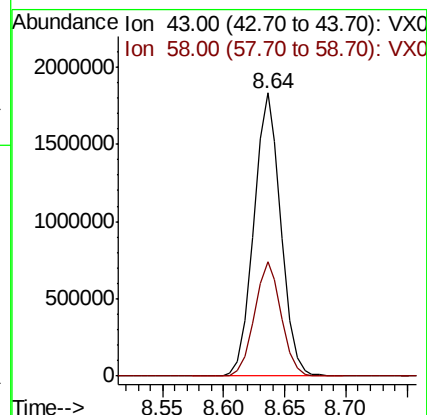
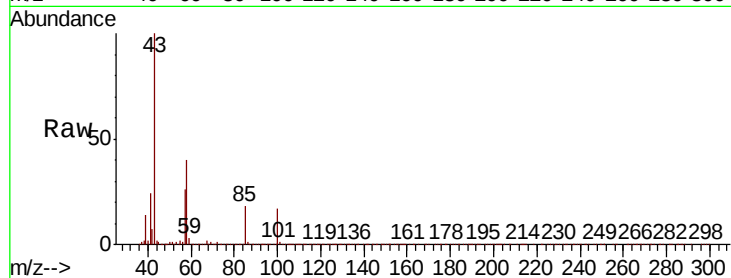
ClientSampleId :

Tot Ion: 43 Resp: 2809554

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0



#52

Toluene

Concen: 55.758 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013490.D

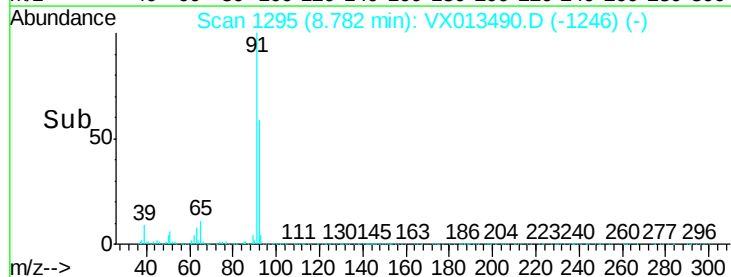
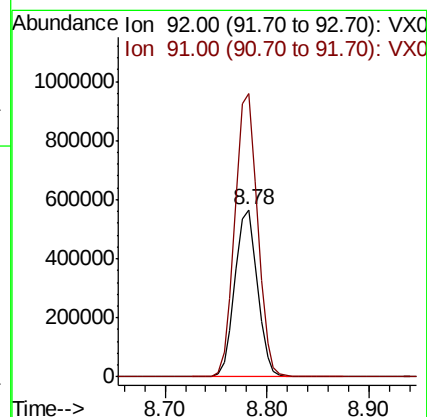
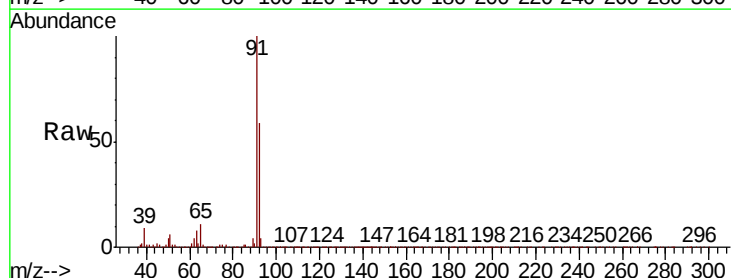
Acq: 20 Nov 2019 20:14

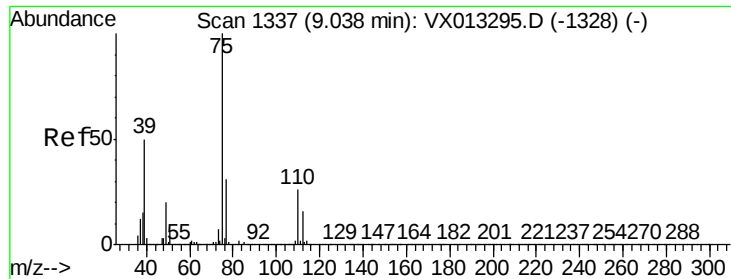
Tgt Ion: 92 Resp: 860753

Ion Ratio Lower Upper

92 100

91 170.5 138.0 207.0

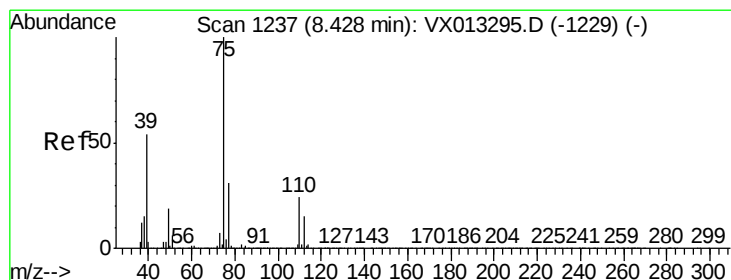
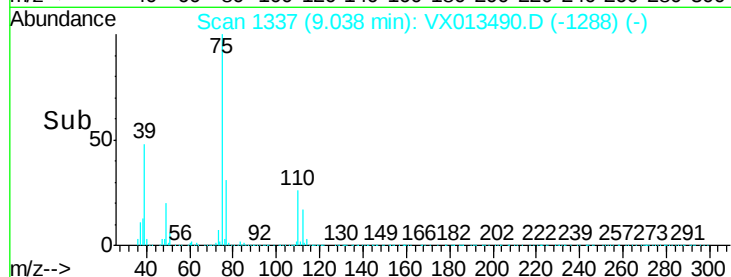
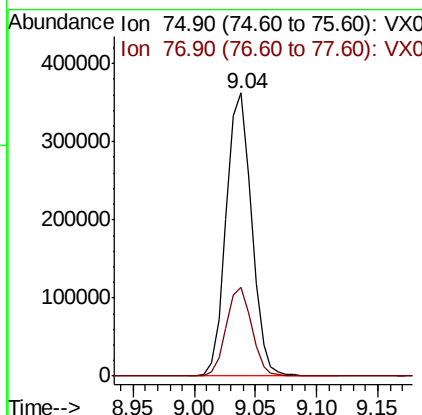
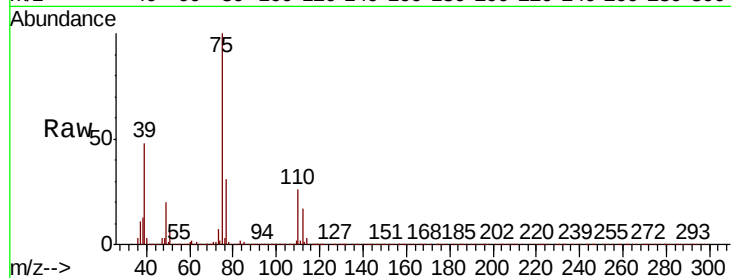




#53
t-1,3-Dichloropropene
Concen: 58.267 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

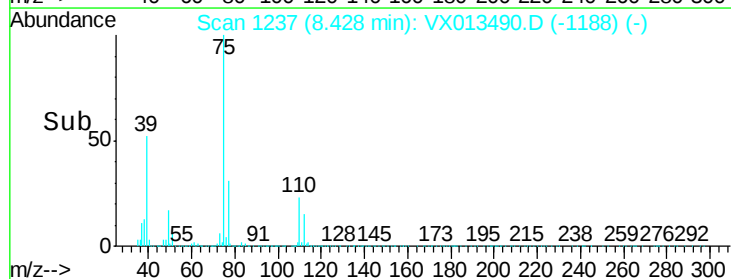
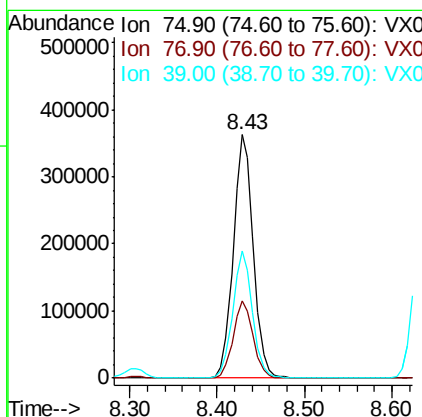
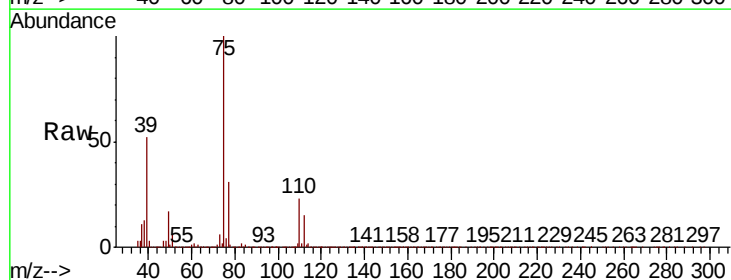
Instrument :
MSVOA_X
ClientSampleId :

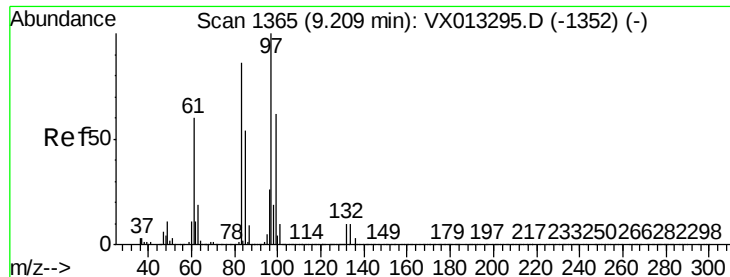
Tot Ion: 75 Resp: 520600
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#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 :

Tot Ion: 97 Resp: 363734

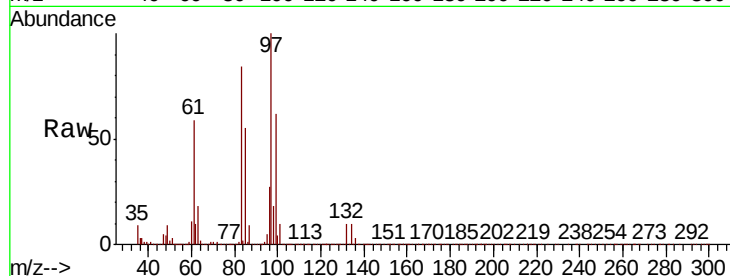
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.6	103.0
85	54.8	43.1	64.7
99	61.7	49.4	74.0

97 100

83 84.1 68.6 103.0

85 54.8 43.1 64.7

99 61.7 49.4 74.0



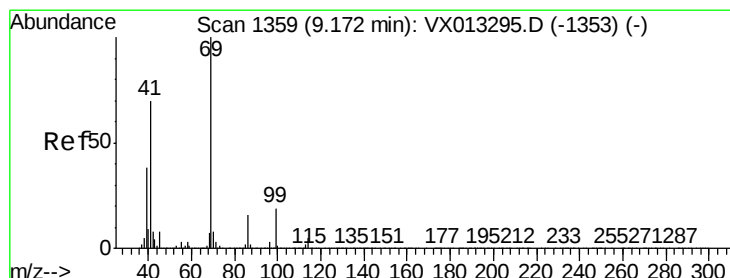
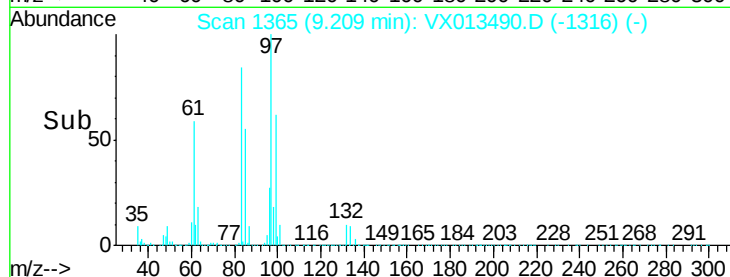
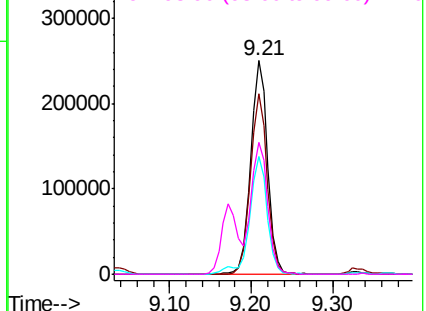
Abundance

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

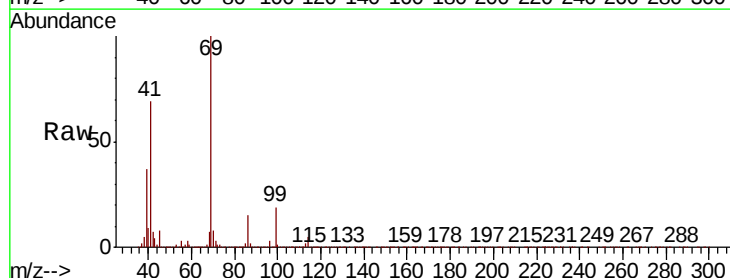
Tgt Ion: 69 Resp: 593503

Ion	Ratio	Lower	Upper
69	100		
41	68.0	56.2	84.2
39	36.2	31.1	46.7

69 100

41 68.0 56.2 84.2

39 36.2 31.1 46.7

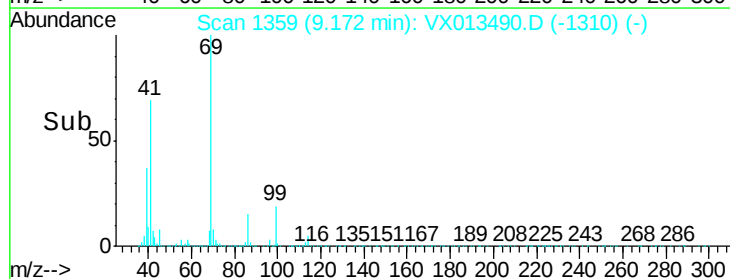
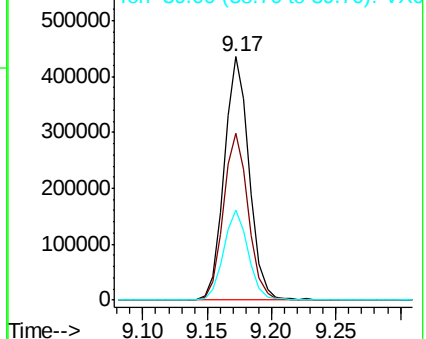


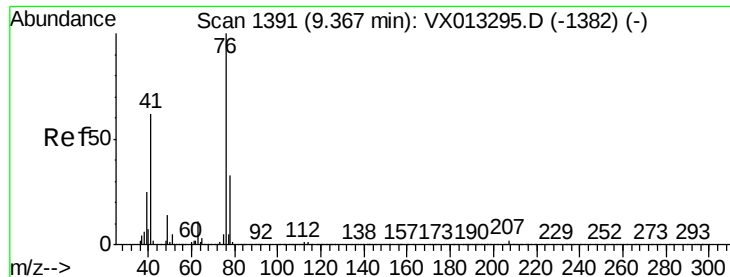
Abundance

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

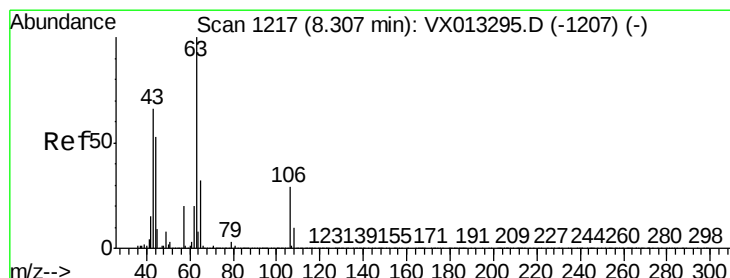
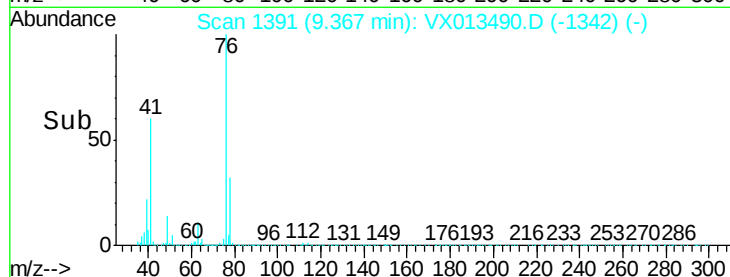
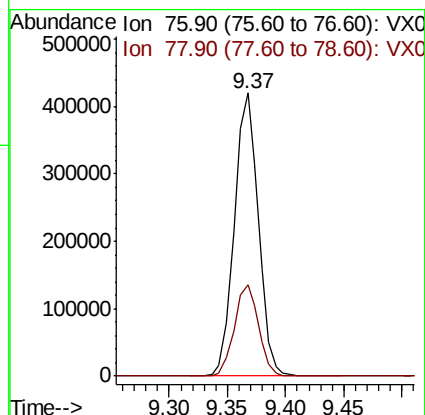
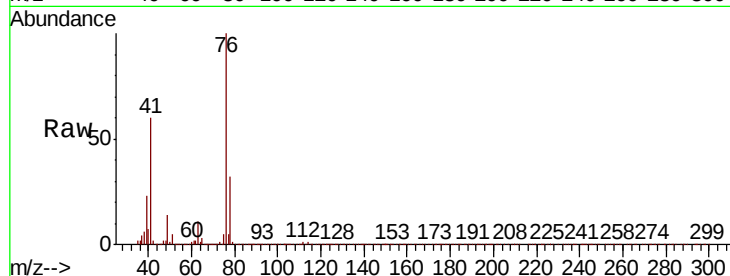
ClientSampleId :

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

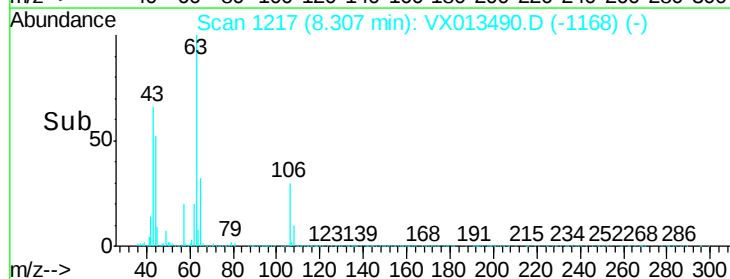
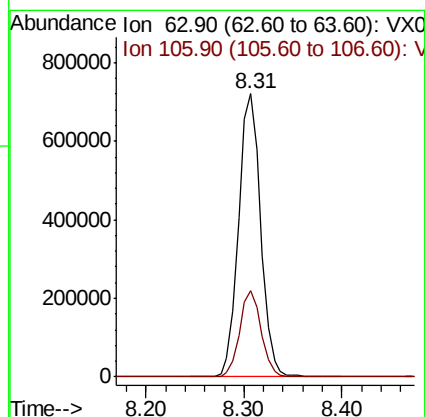
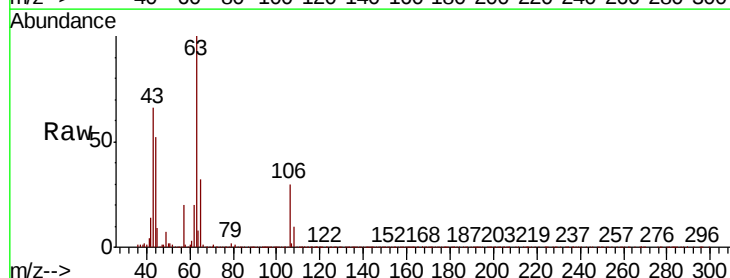
Acq: 20 Nov 2019 20:14

Tgt Ion: 63 Resp: 1130167

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2

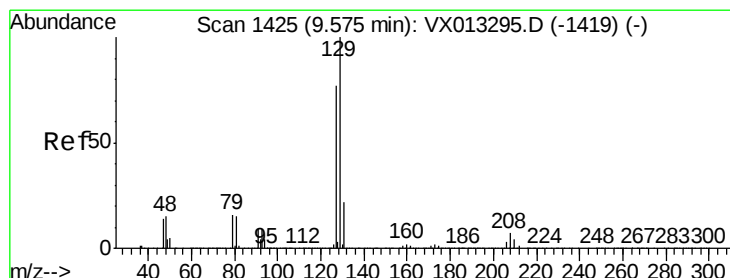
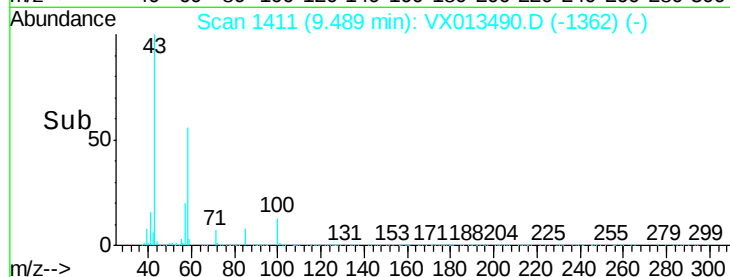
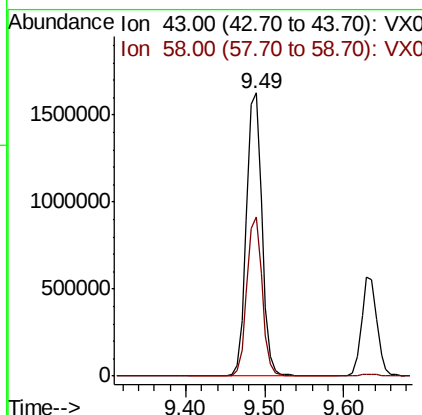
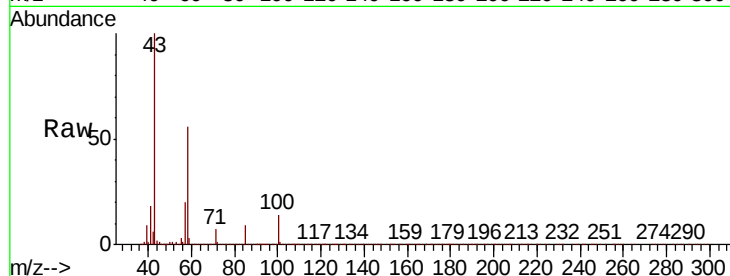




#59
2-Hexanone
Concen: 284.769 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

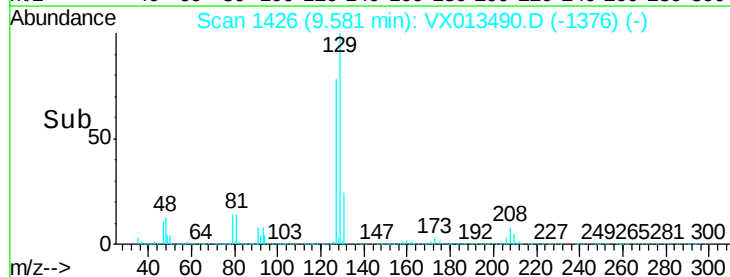
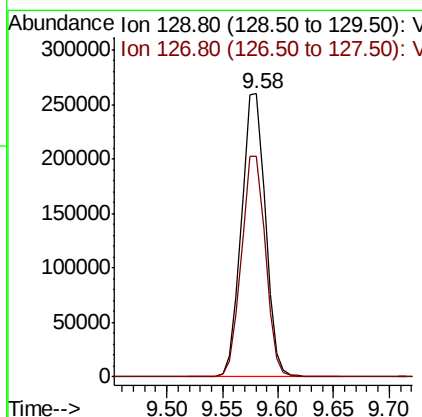
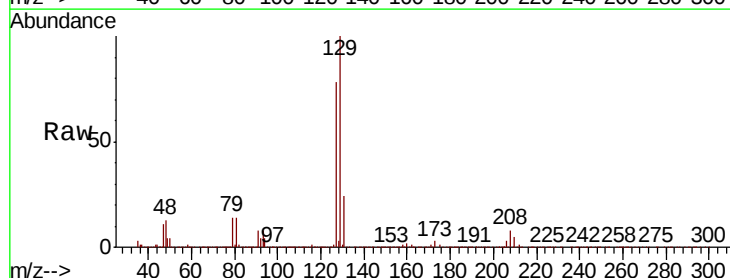
Instrument :
MSVOA_X
ClientSampleId :

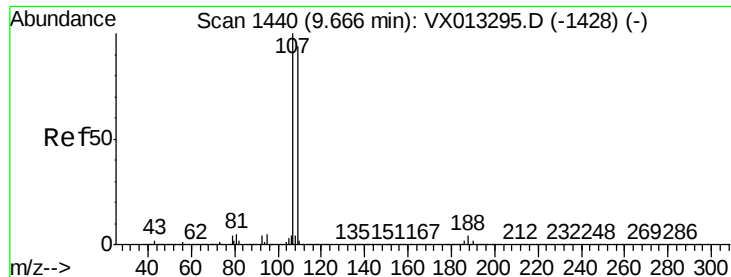
Tot Ion: 43 Resp: 2221367
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#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





#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

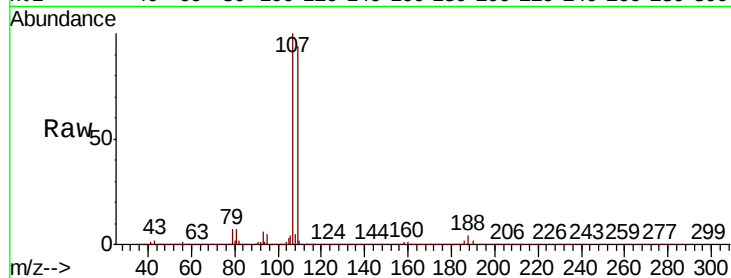
ClientSampleId :

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

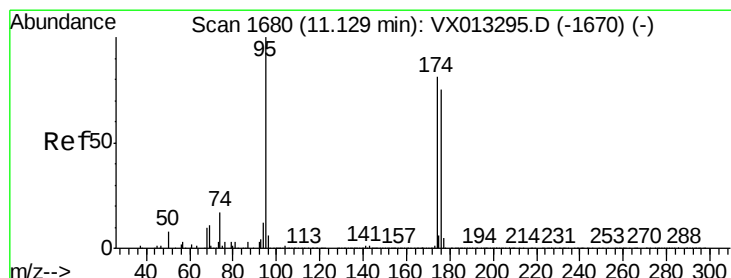
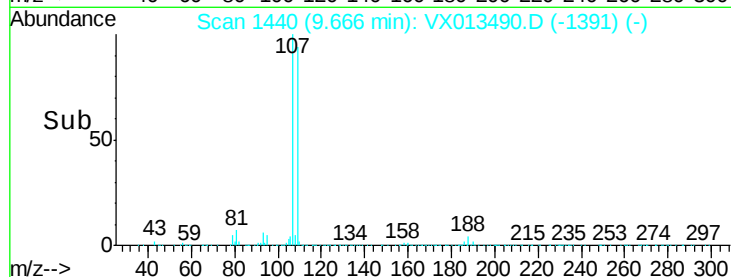
150000

100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80



#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

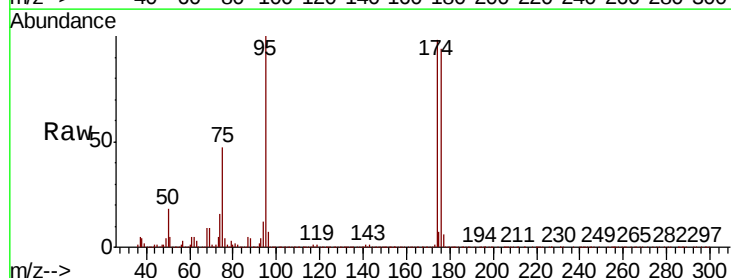
Tgt Ion: 95 Resp: 381322

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

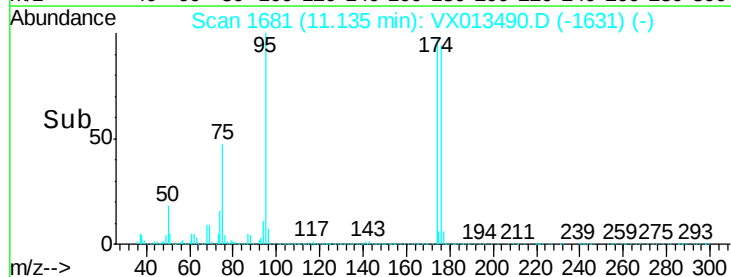
300000

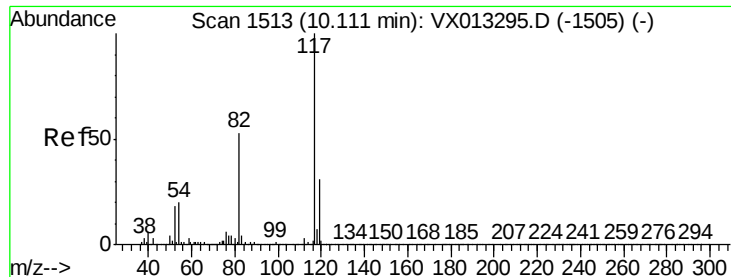
200000

100000

0

Time--> 11.10 11.20

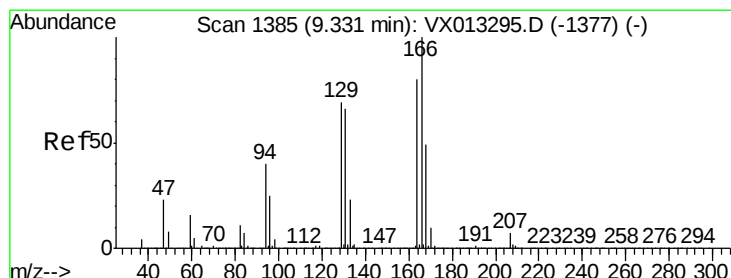
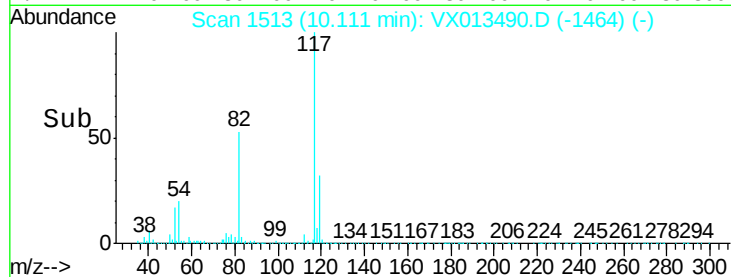
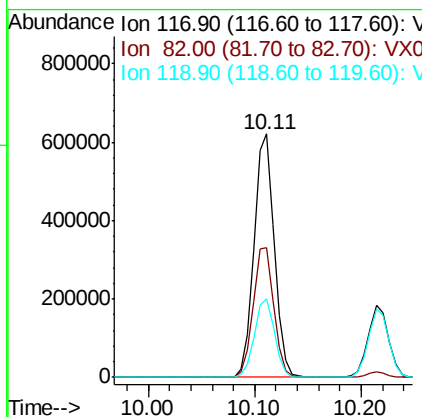
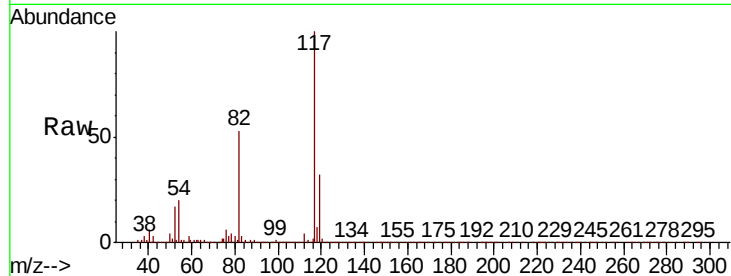




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

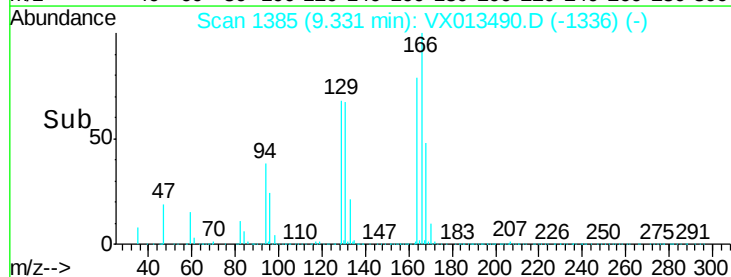
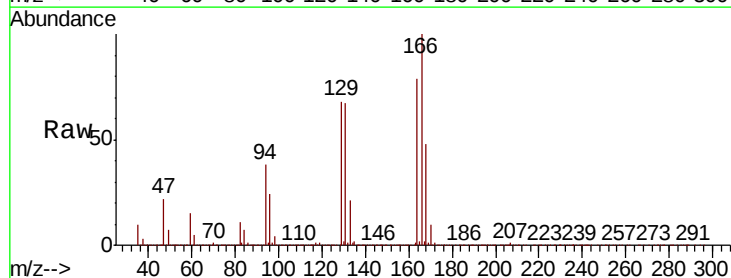
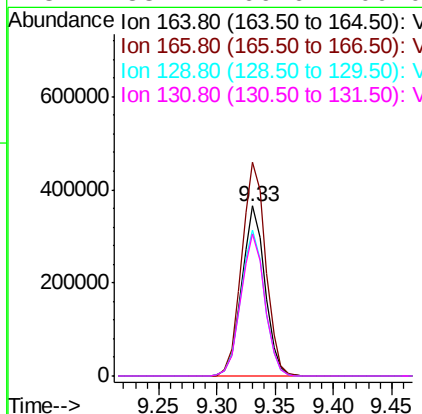
Instrument :
MSVOA_X
ClientSampleId :

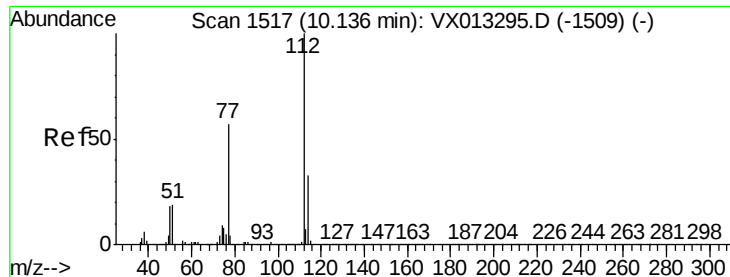
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.4	24.8	37.2



#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

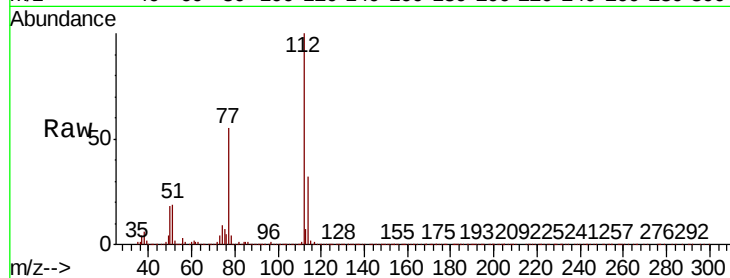
ClientSampleId :

Tot Ion:112 Resp: 933470

Ion Ratio Lower Upper

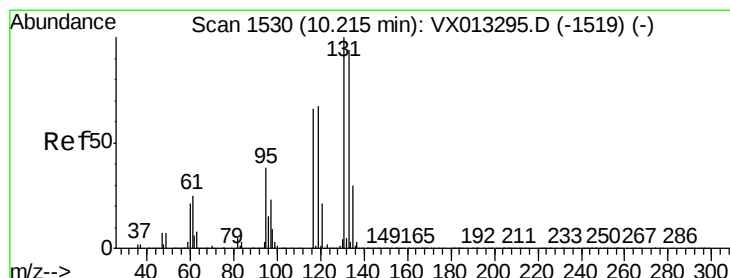
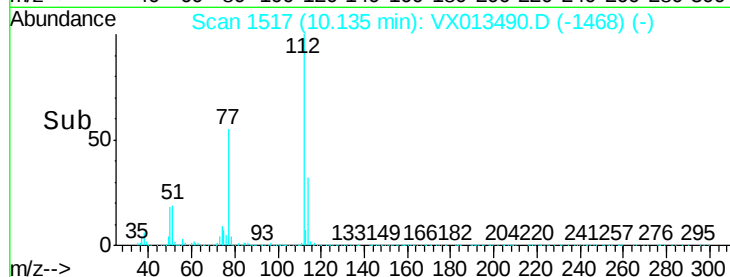
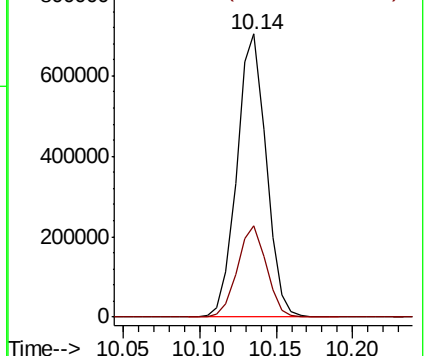
112 100

114 32.4 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 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

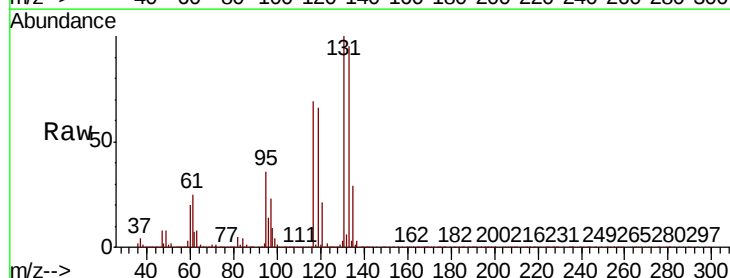
Tgt Ion:131 Resp: 360885

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

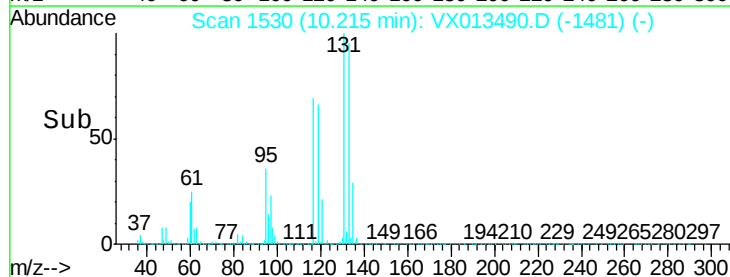
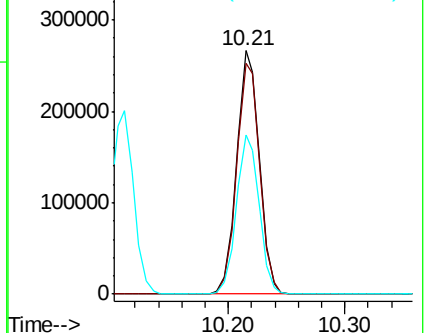
119 65.5 33.0 99.0

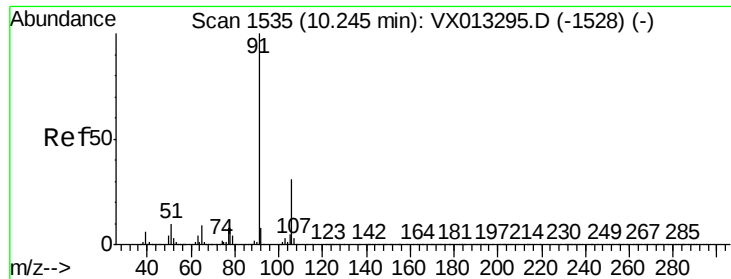


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 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

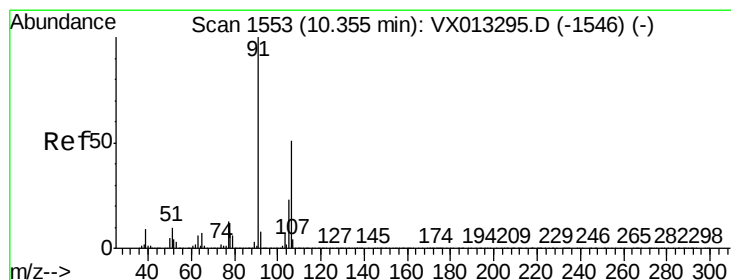
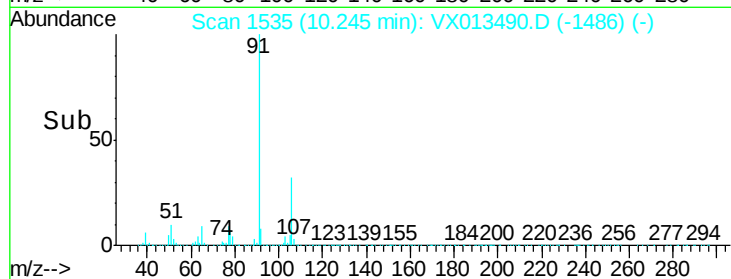
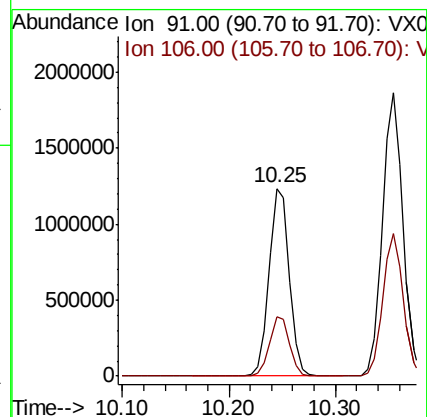
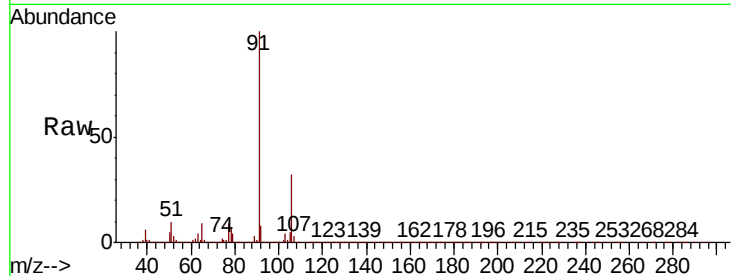
ClientSampleId :

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

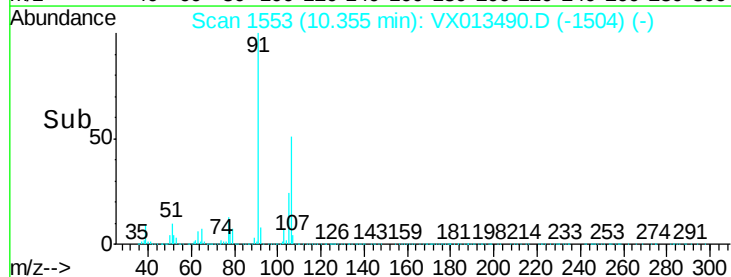
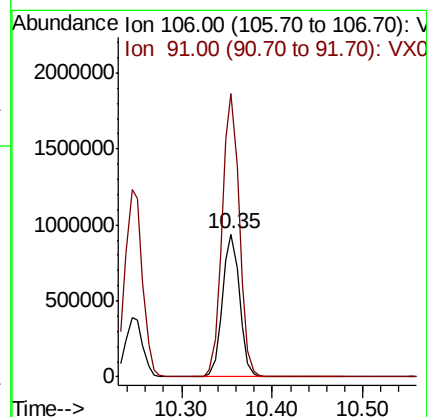
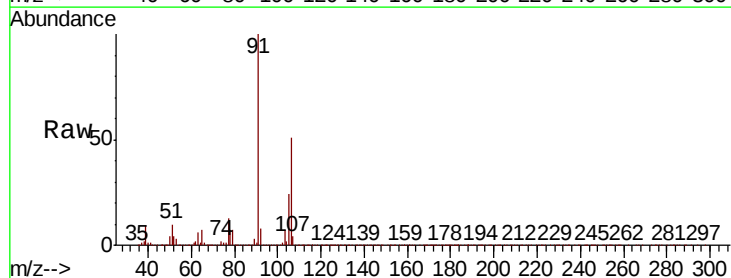
Acq: 20 Nov 2019 20:14

Tgt Ion: 106 Resp: 1243924

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9

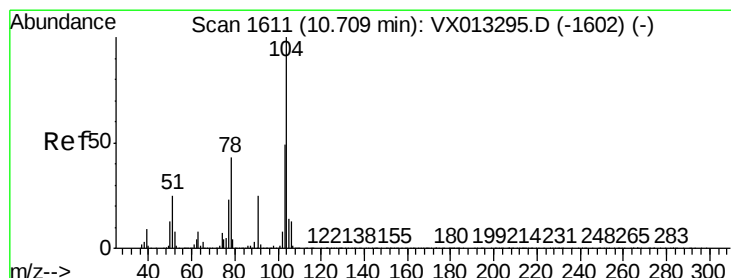
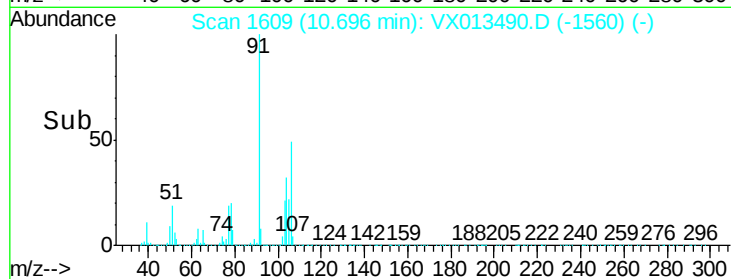
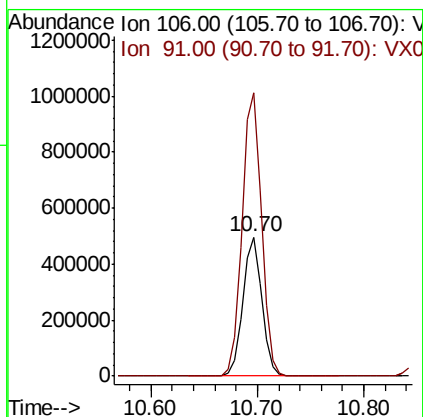
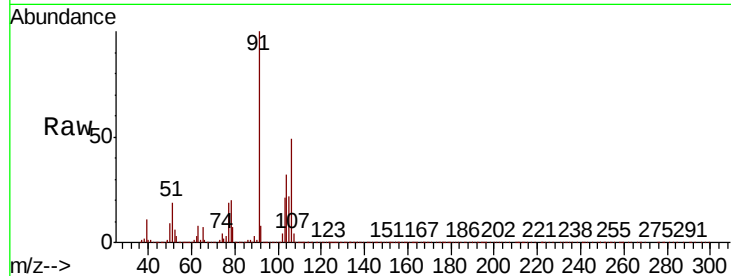




#69
o-Xylene
Concen: 57.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

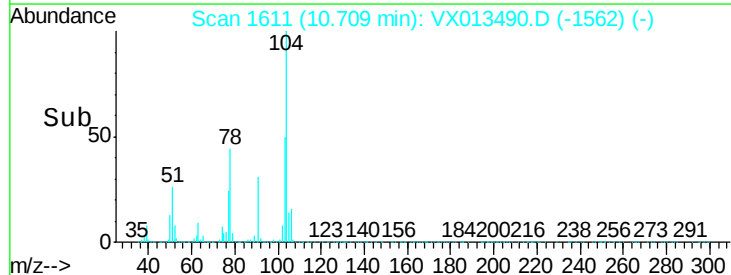
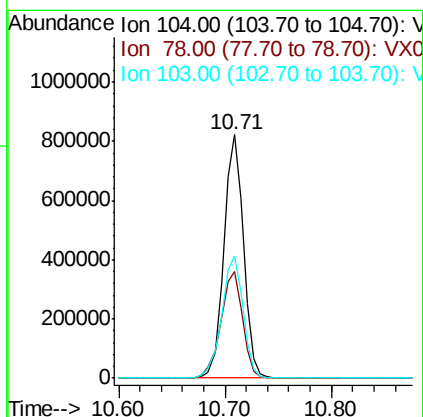
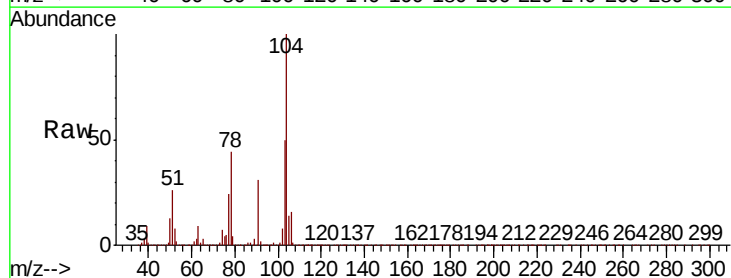
Instrument :
MSVOA_X
ClientSampled :

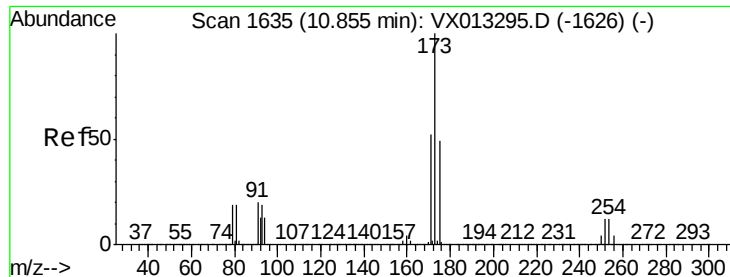
Tot Ion:106 Resp: 619914
Ion Ratio Lower Upper
106 100
91 208.8 105.7 317.0



#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

ClientSampled :

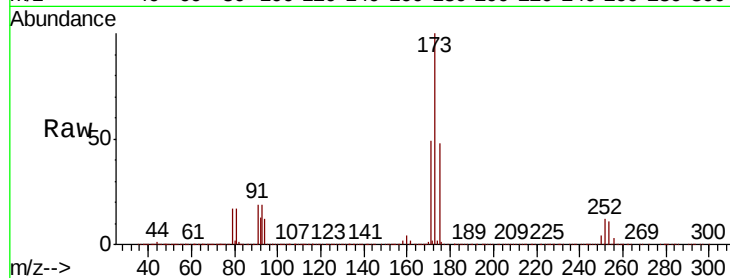
Tot Ion:173 Resp: 308968

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.4

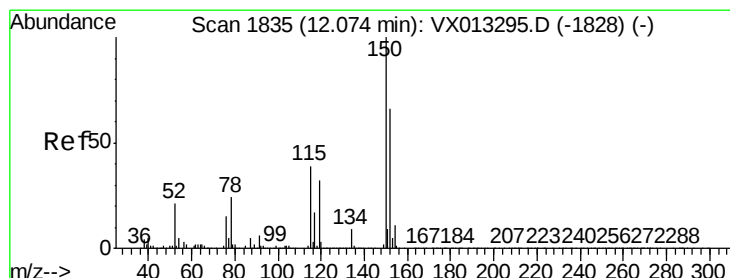
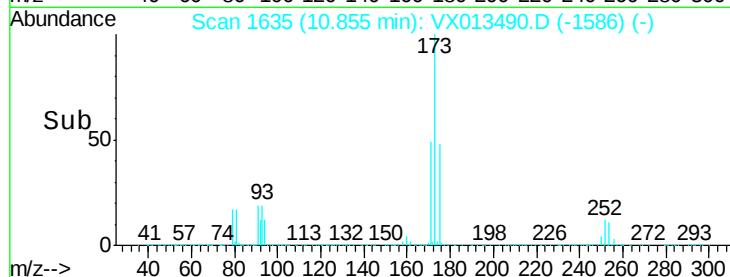
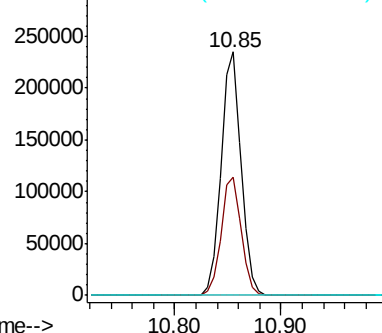
254 0.2 0.2 0.2



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

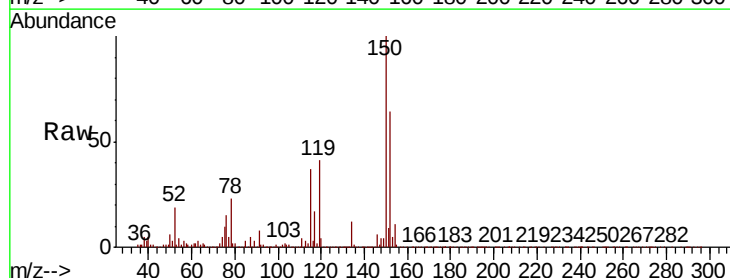
Tgt Ion:152 Resp: 418699

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

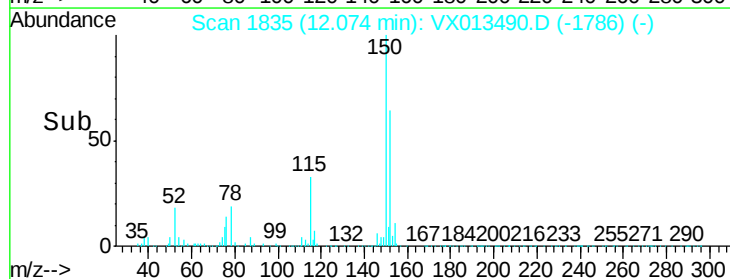
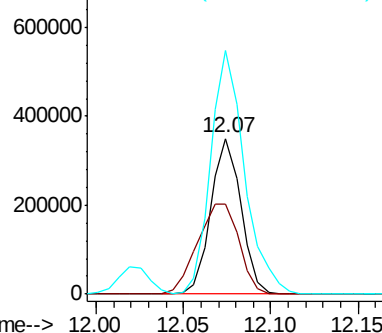
150 176.7 0.0 344.4

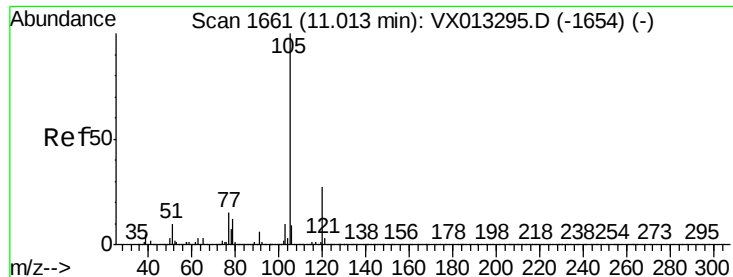


Abundance Ion 151.90 (151.60 to 152.60): V

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

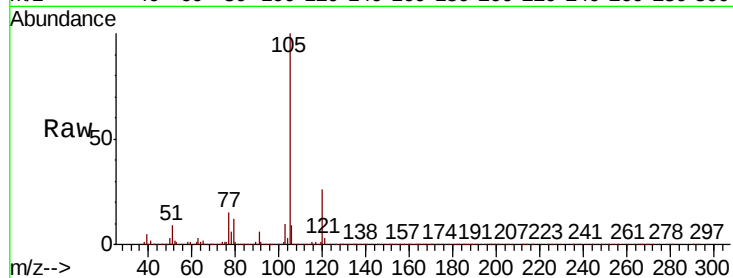
ClientSampleId :

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

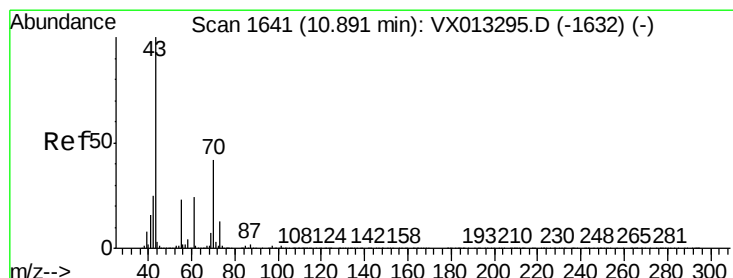
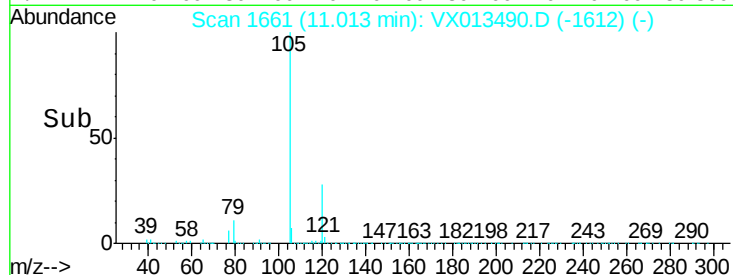
1500000

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

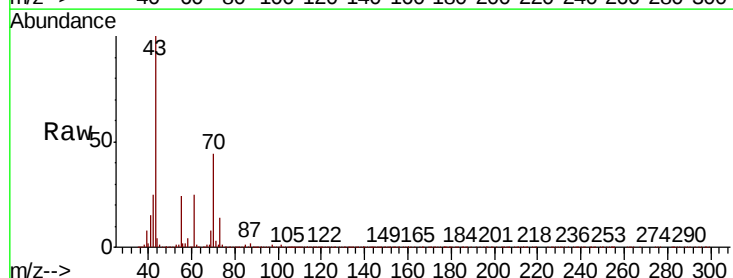
Ion Ratio Lower Upper

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

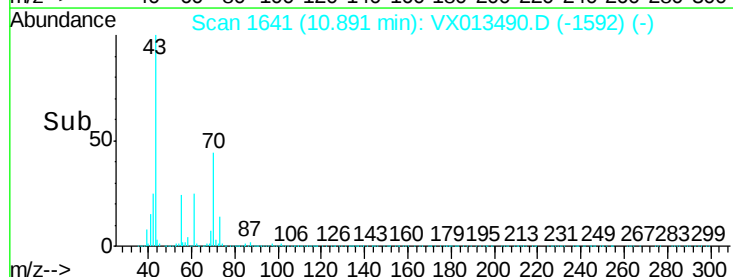
600000

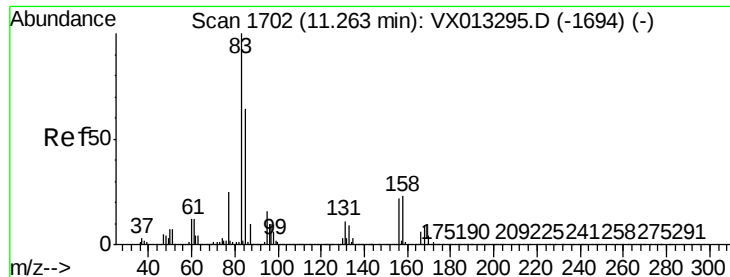
400000

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

ClientSampled :

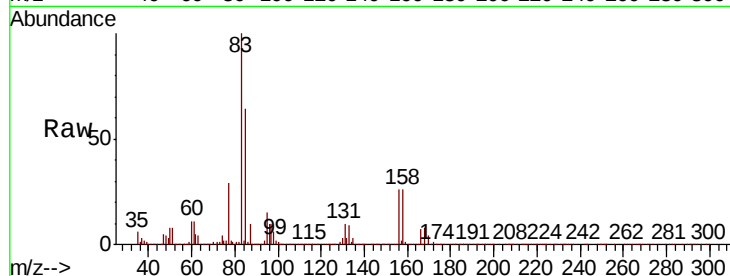
Tot Ion: 83 Resp: 558579

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

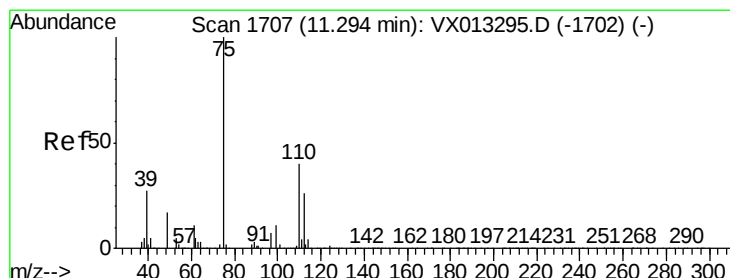
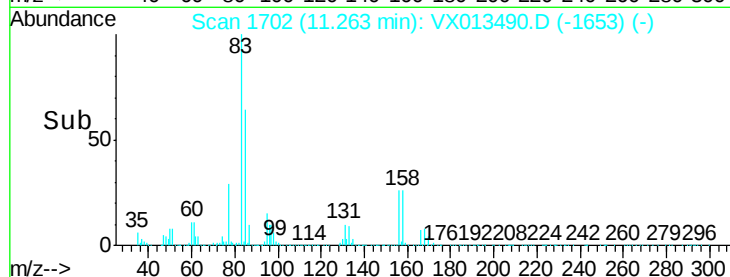
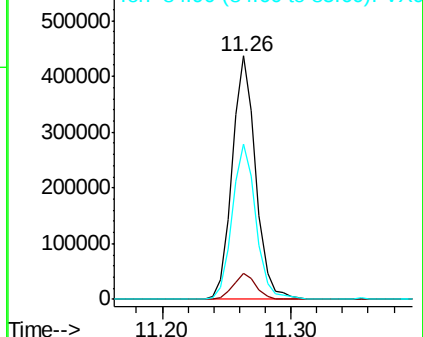
85 64.3 32.3 96.8



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

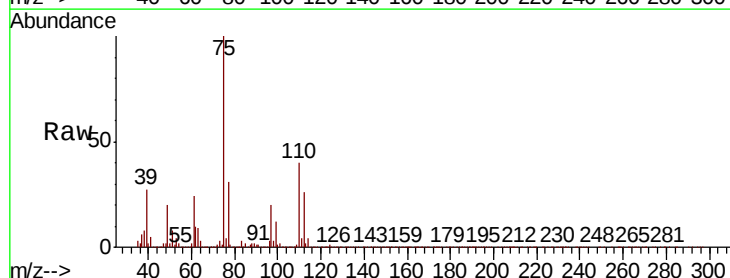
Acq: 20 Nov 2019 20:14

Tgt Ion: 75 Resp: 667792

Ion Ratio Lower Upper

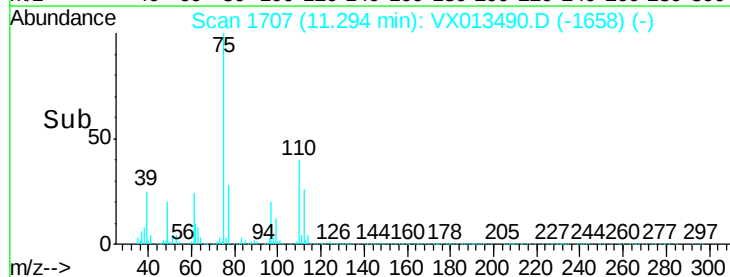
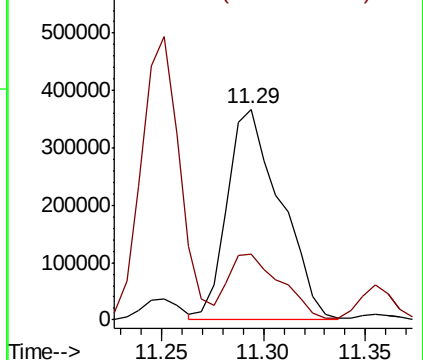
75 100

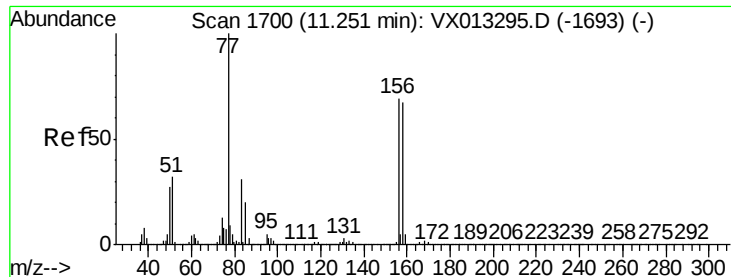
77 31.0 22.3 66.8



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 :

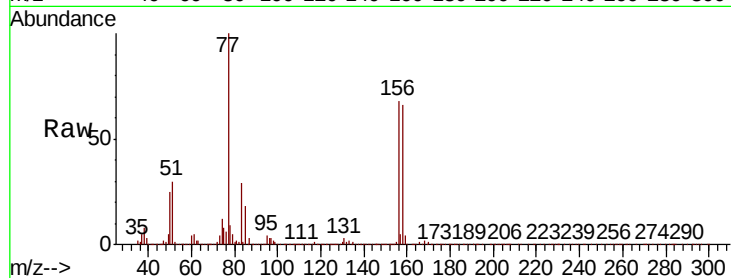
Tot Ion:156 Resp: 430270

Ion Ratio Lower Upper

156 100

77 149.9 75.8 227.4

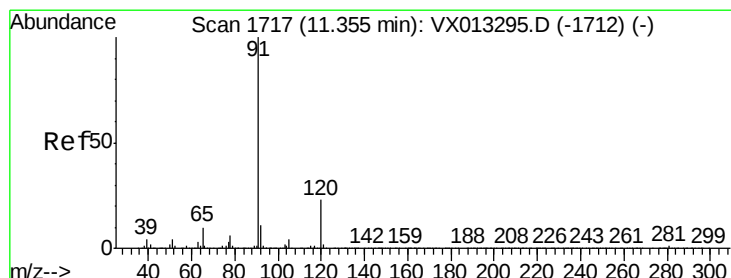
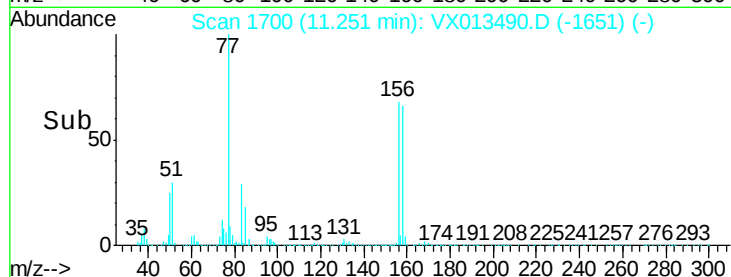
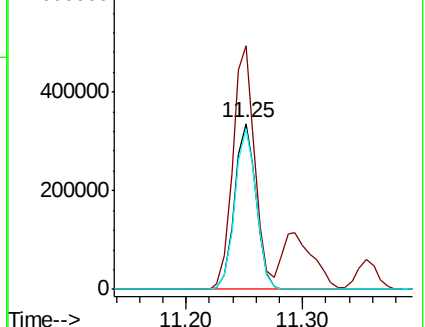
158 97.1 47.6 142.8



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

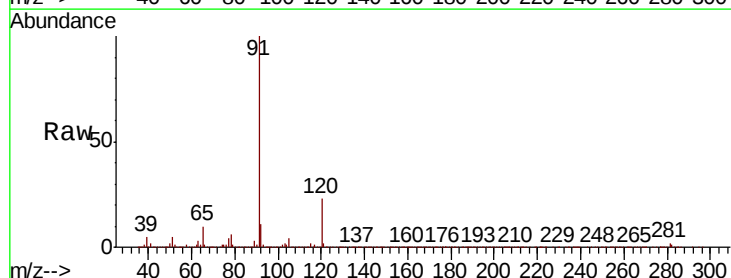
Acq: 20 Nov 2019 20:14

Tgt Ion: 91 Resp: 1831347

Ion Ratio Lower Upper

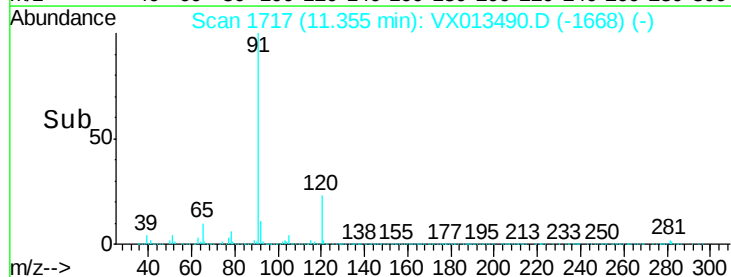
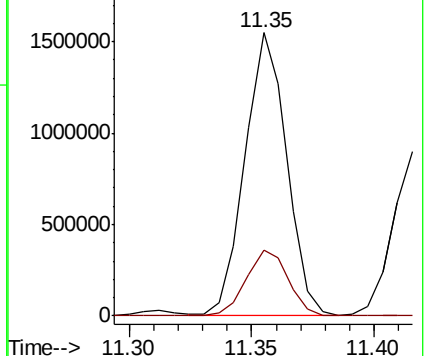
91 100

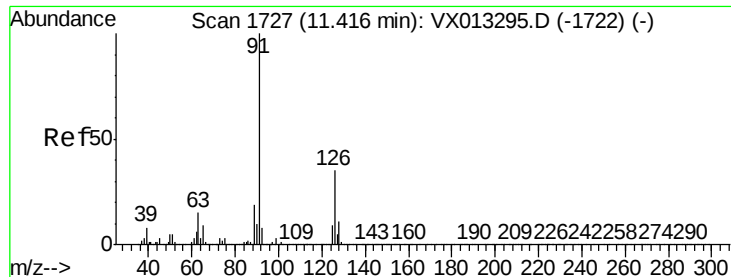
120 23.6 11.6 34.8



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

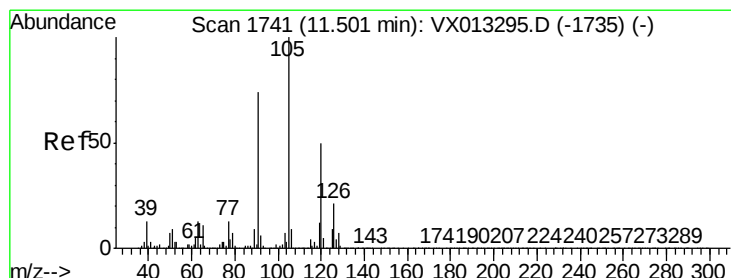
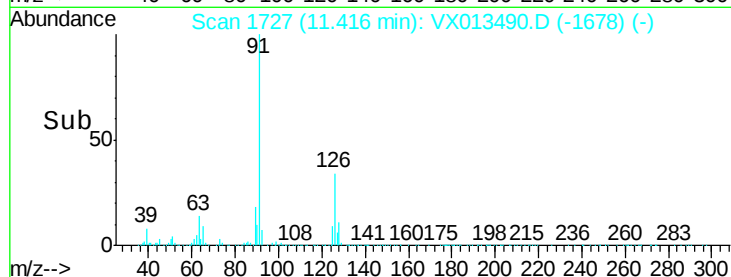
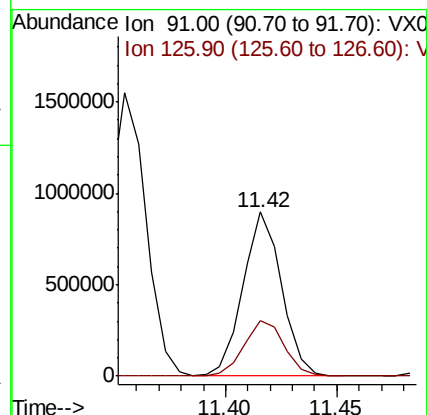
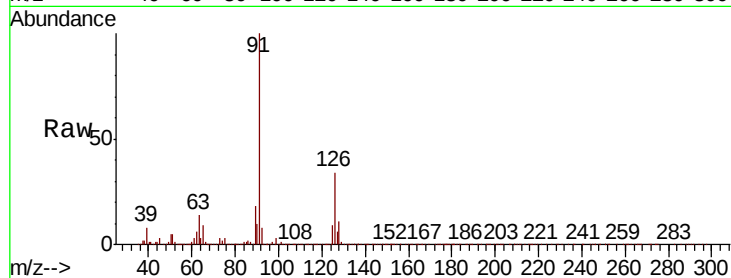
ClientSampleId :

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

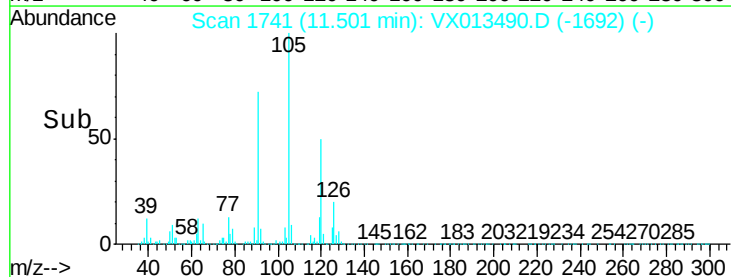
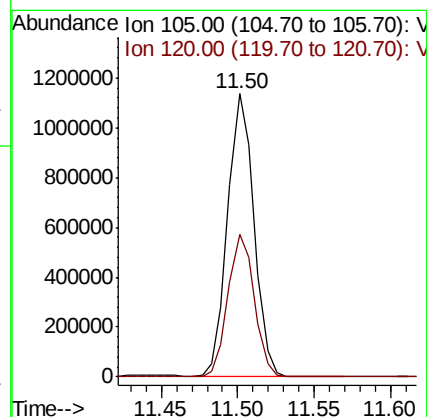
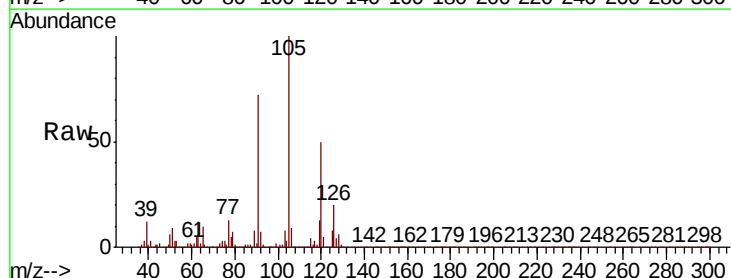
Acq: 20 Nov 2019 20:14

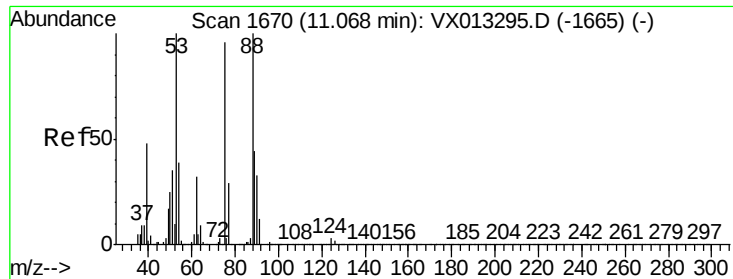
Tgt Ion: 105 Resp: 1354117

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8

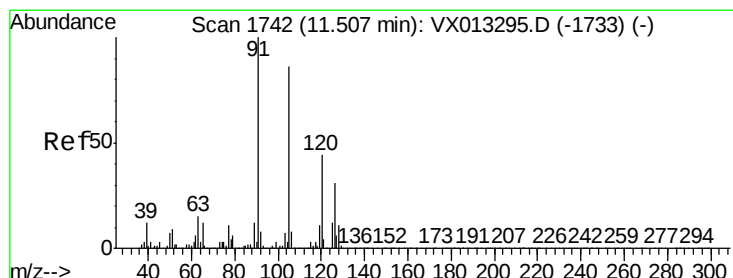
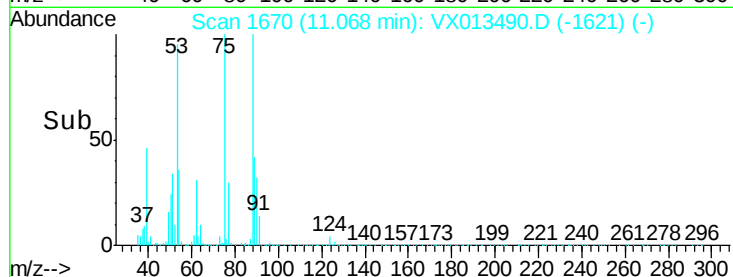
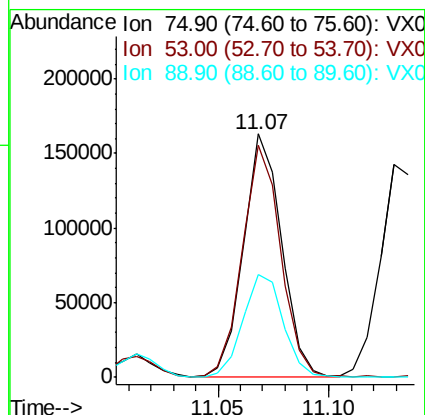
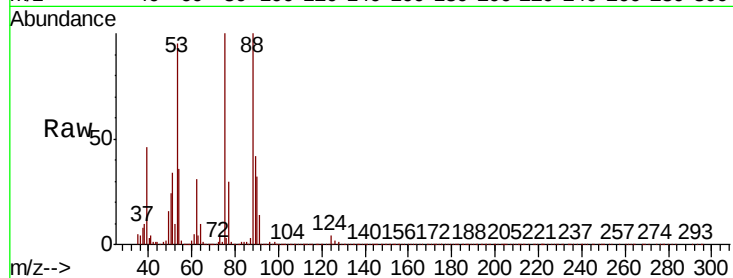




#81
trans-1,4-Dichloro-2-butene
Concen: 58.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

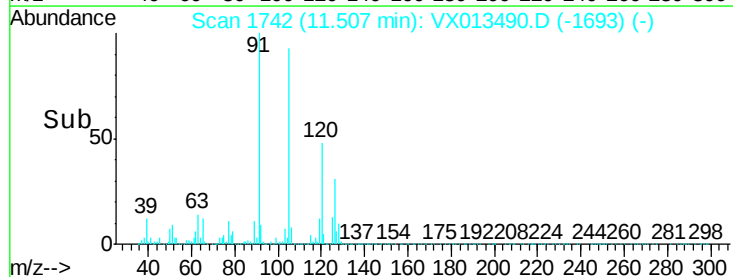
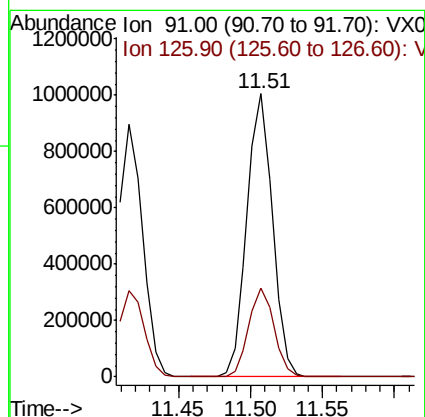
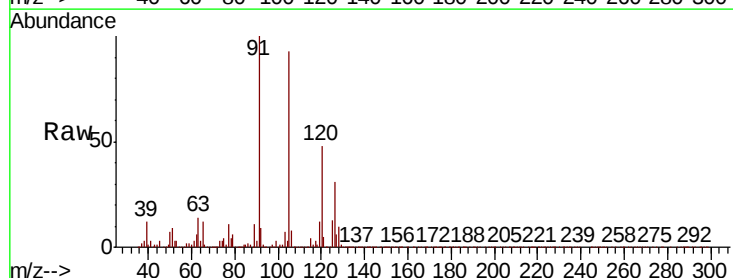
Instrument :
MSVOA_X
ClientSampleId :

Tot 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	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 :

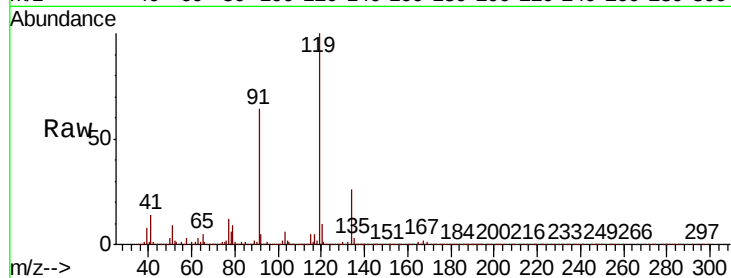
Tot Ion:119 Resp: 1203081

Ion Ratio Lower Upper

119 100

91 62.1 26.9 80.7

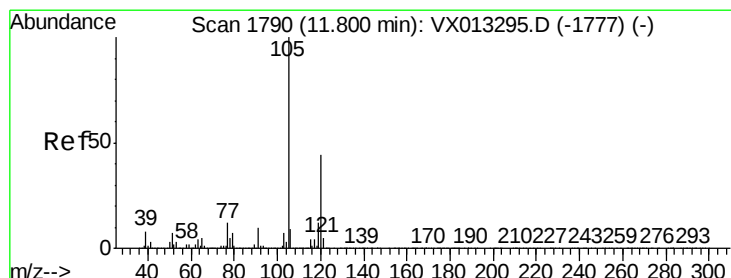
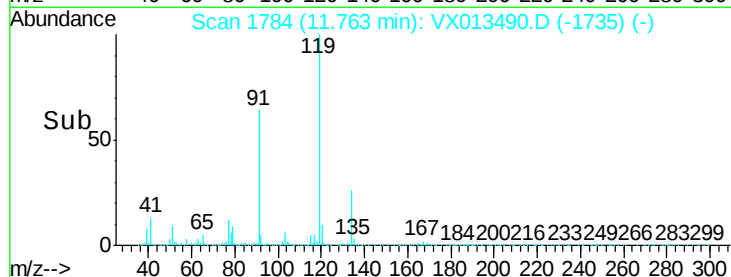
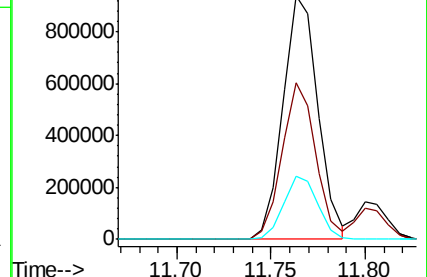
134 25.7 11.7 35.1



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

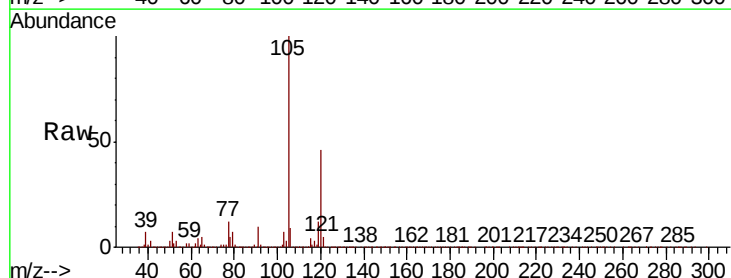
Acq: 20 Nov 2019 20:14

Tgt Ion:105 Resp: 1423289

Ion Ratio Lower Upper

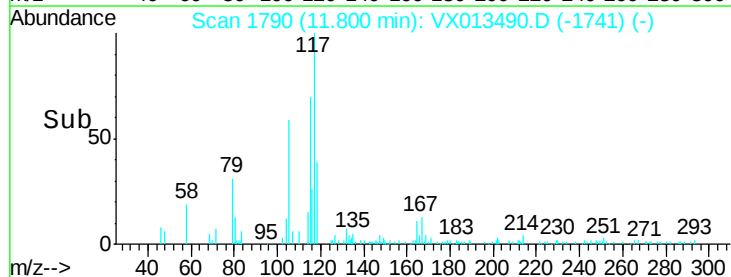
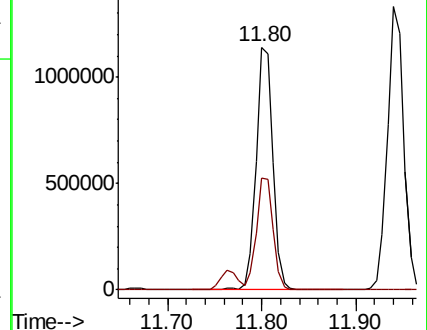
105 100

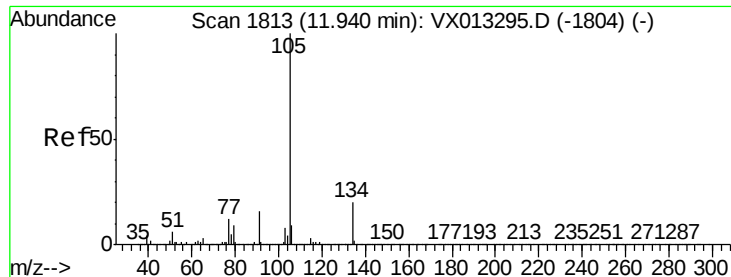
120 45.8 22.7 68.1



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

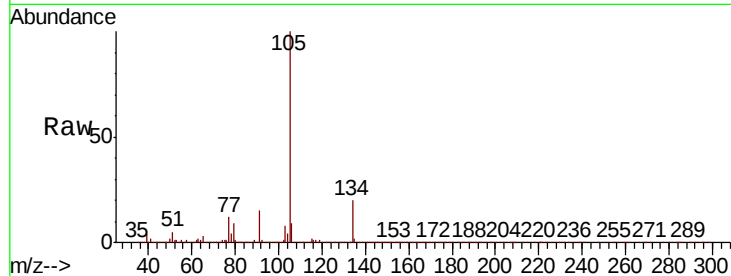
ClientSampleId :

Tot Ion:105 Resp: 1594529

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

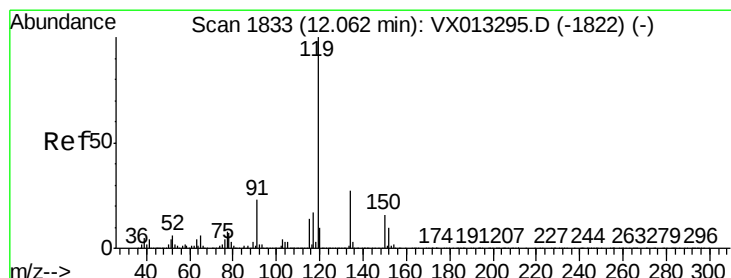
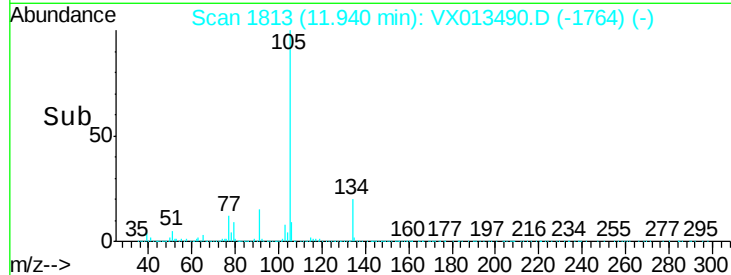
1500000

1000000

500000

0

Time-->



#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

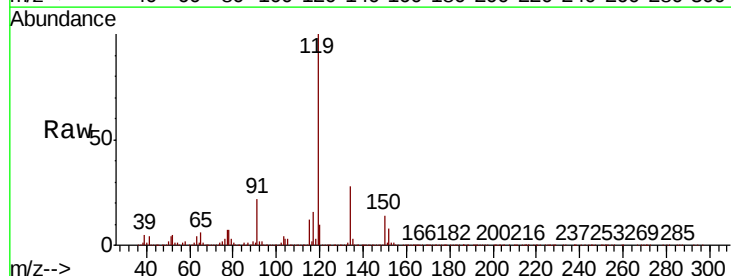
Tgt Ion:119 Resp: 1466345

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

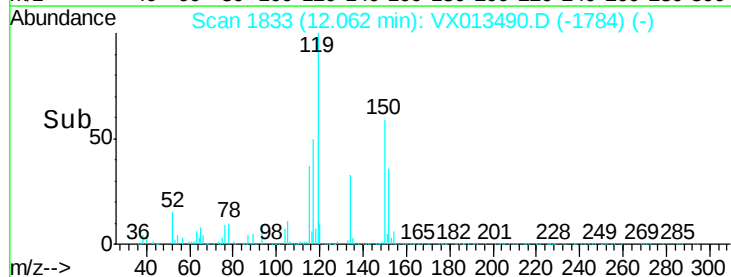
1500000

1000000

500000

0

Time-->

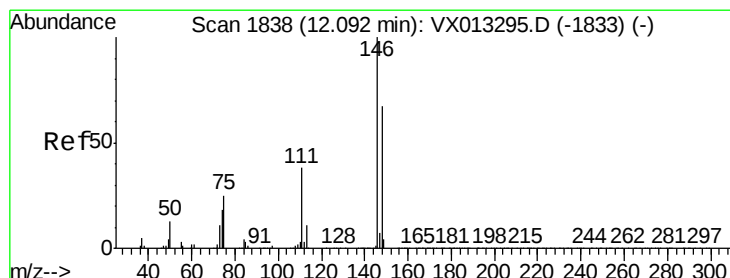
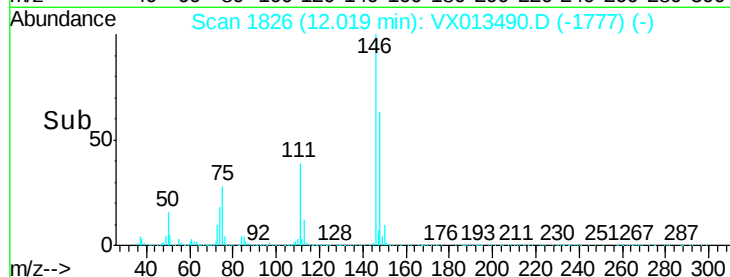
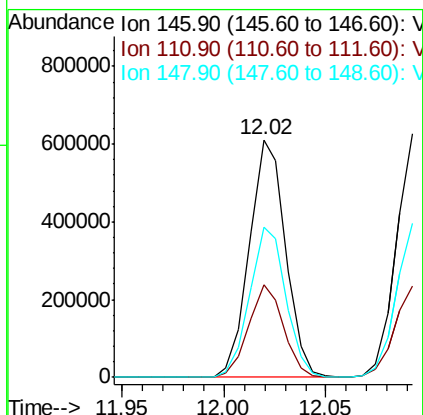
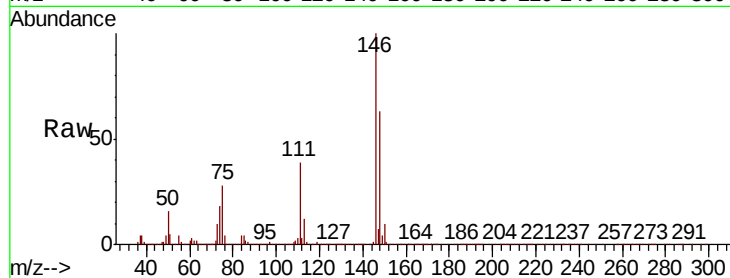




#87
 1,3-Dichlorobenzene
 Concen: 57.203 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

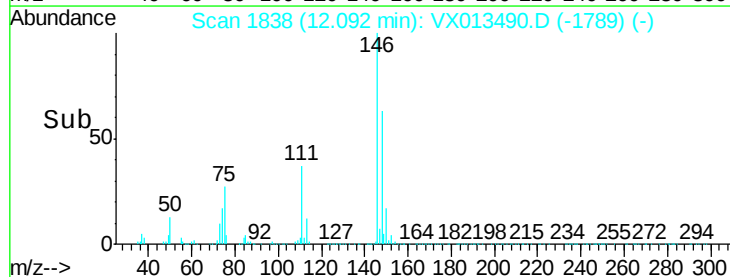
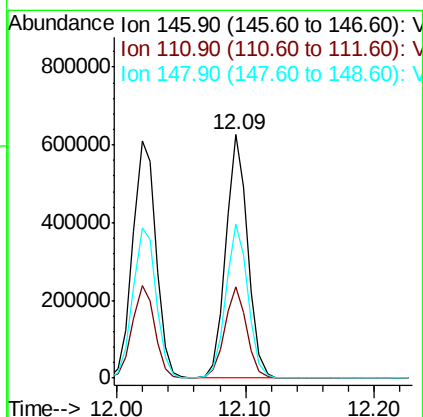
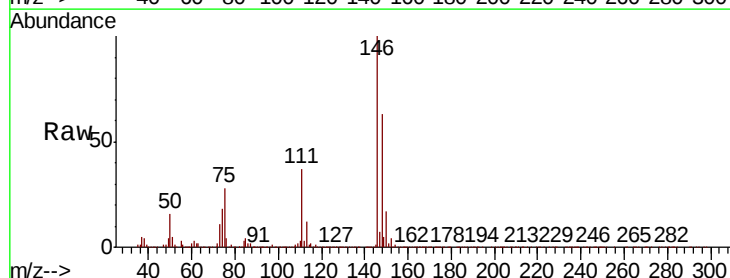
Instrument :
 MSVOA_X
 ClientSampleId :

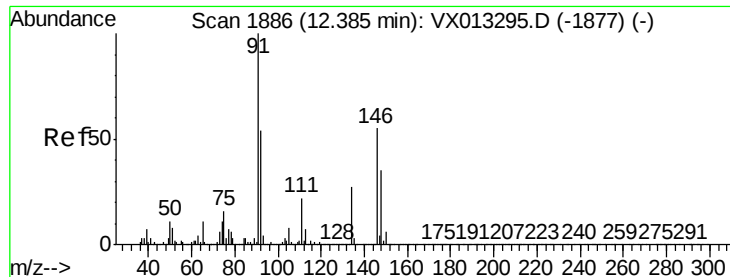
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.5	31.9	95.7



#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 :

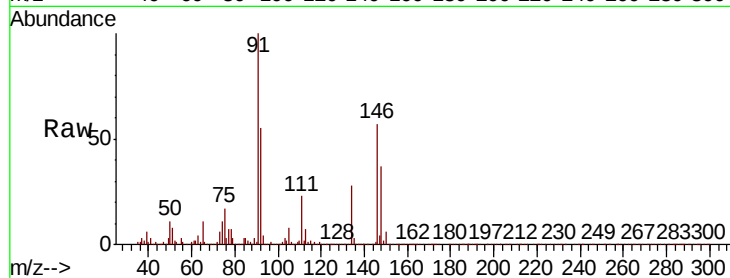
Tot Ion: 91 Resp: 1238408

Ion Ratio Lower Upper

91 100

92 55.2 27.3 81.8

134 27.7 13.5 40.5

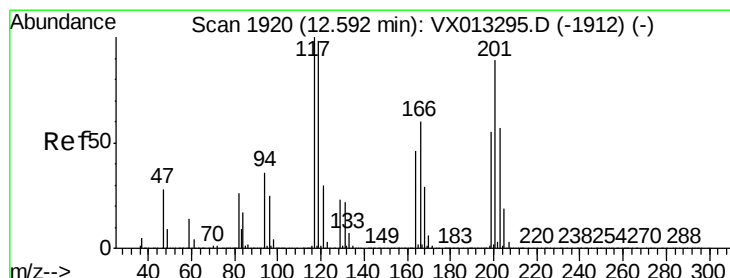
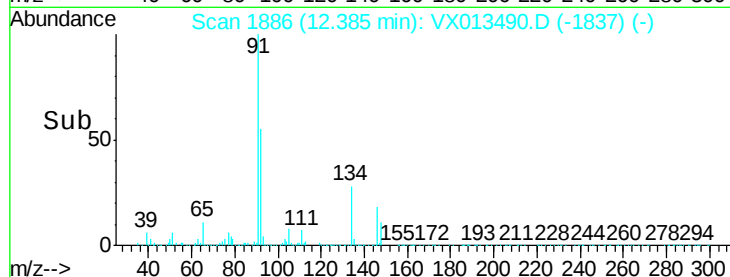


Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX013295.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX013295.D (-1877) (-)

Time-->



#90

Hexachloroethane

Concen: 59.938 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013490.D

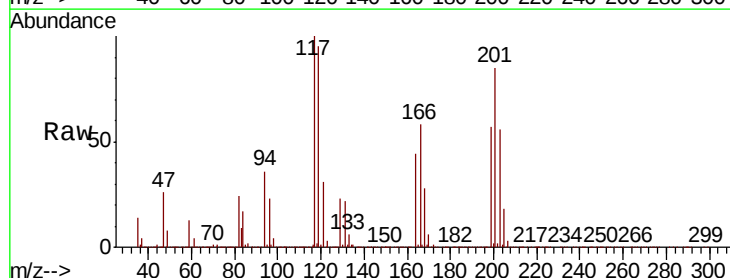
Acq: 20 Nov 2019 20:14

Tgt Ion: 117 Resp: 263067

Ion Ratio Lower Upper

117 100

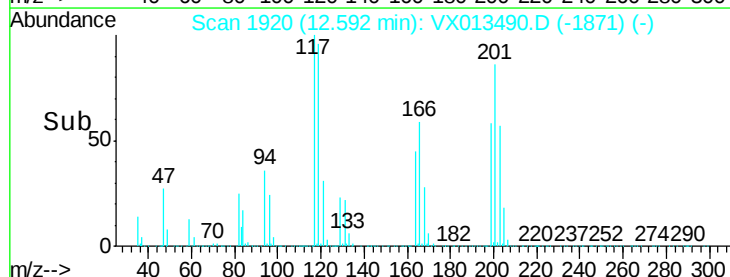
201 88.0 43.9 131.7

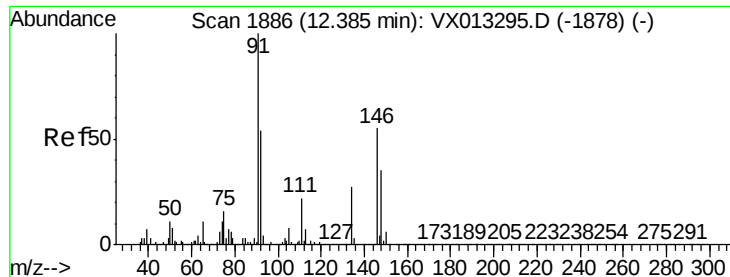


Abundance Ion 116.80 (116.50 to 117.50): VX013295.D (-1912) (-)

Ion 200.70 (200.40 to 201.40): VX013295.D (-1912) (-)

Time-->





#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 :

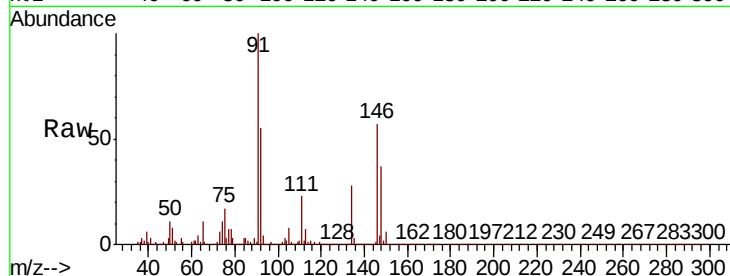
Tot Ion:146 Resp: 760945

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

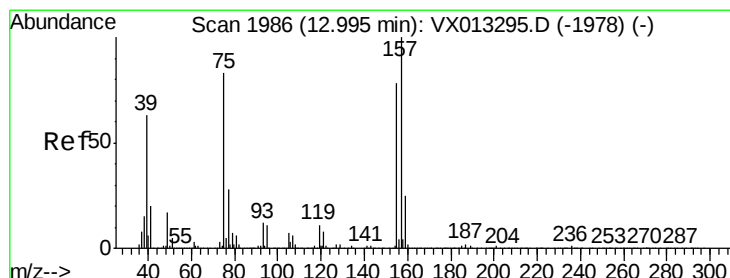
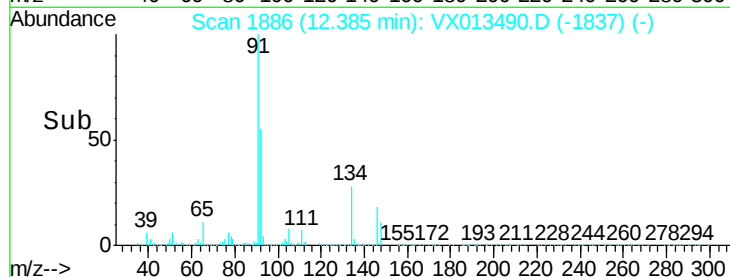
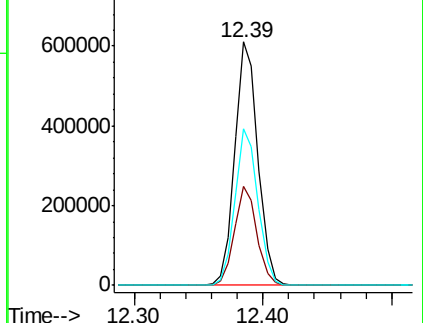
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

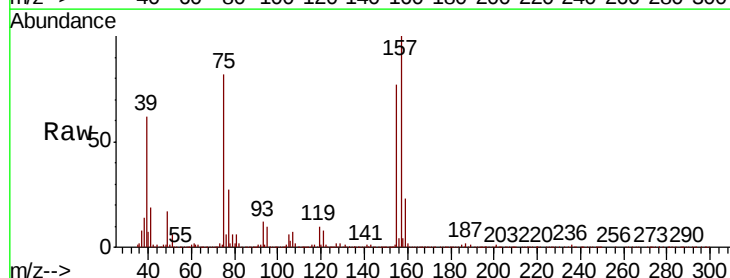
Tgt Ion: 75 Resp: 131031

Ion Ratio Lower Upper

75 100

155 96.6 47.1 141.4

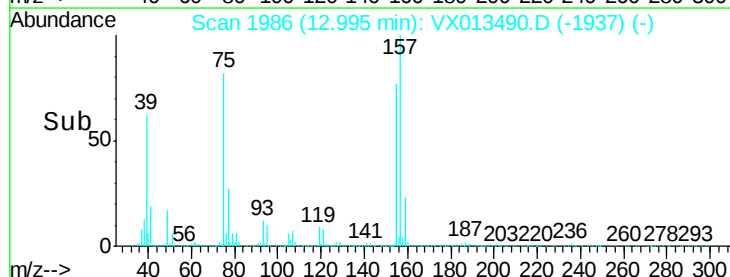
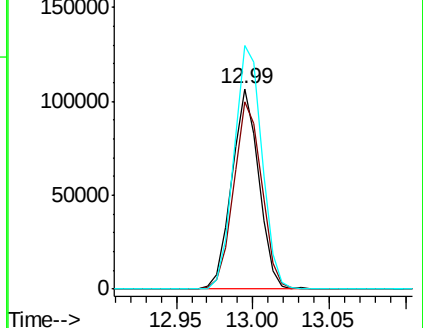
157 125.3 61.3 183.8

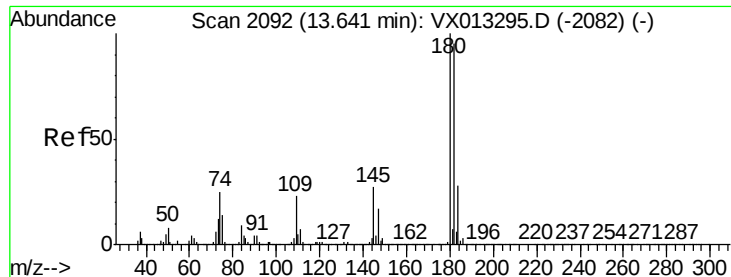


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

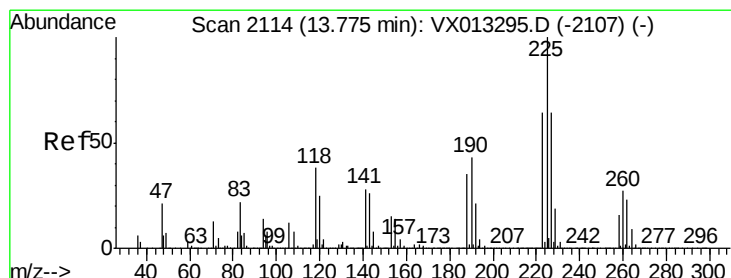
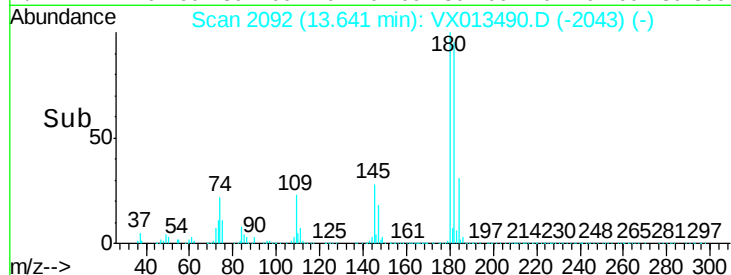
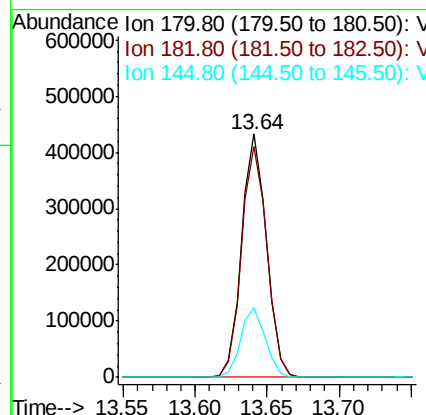
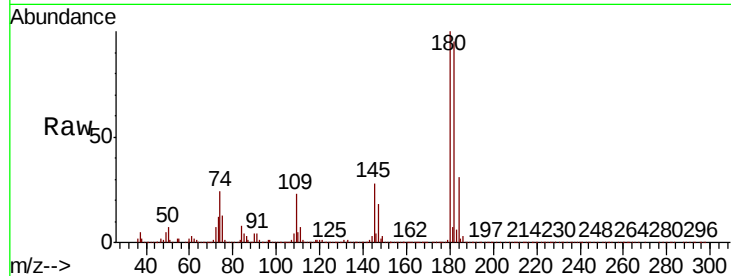




#93
 1,2,4-Trichlorobenzene
 Concen: 56.548 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

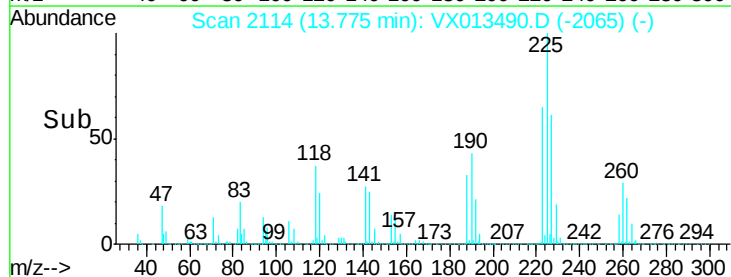
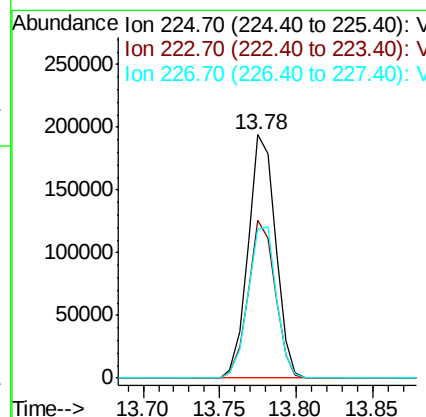
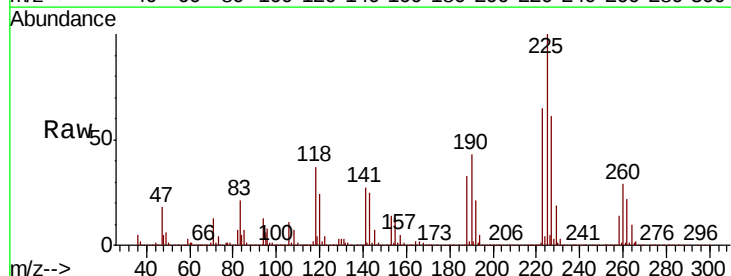
Instrument :
 MSVOA_X
 ClientSampled :

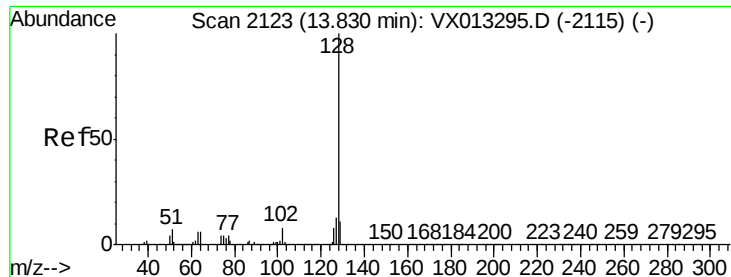
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.4	145.0
145	28.3	14.1	42.4



#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

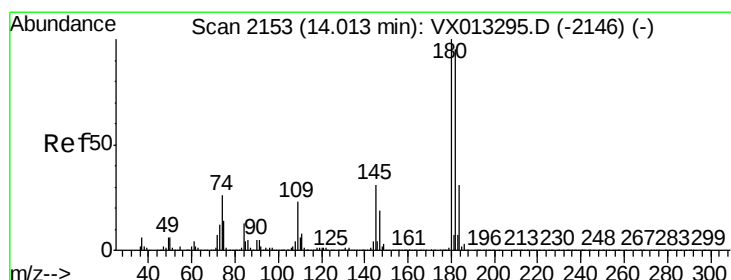
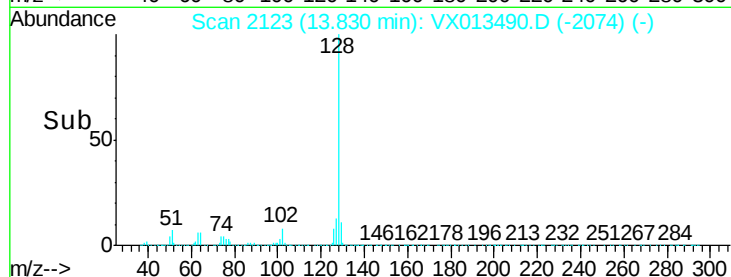
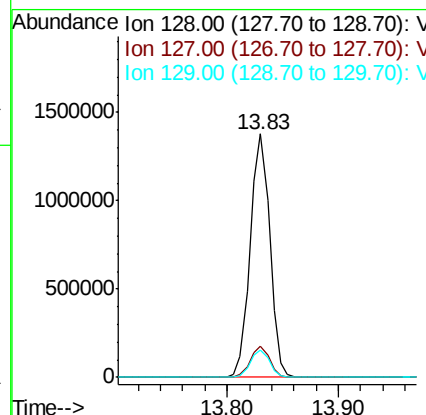
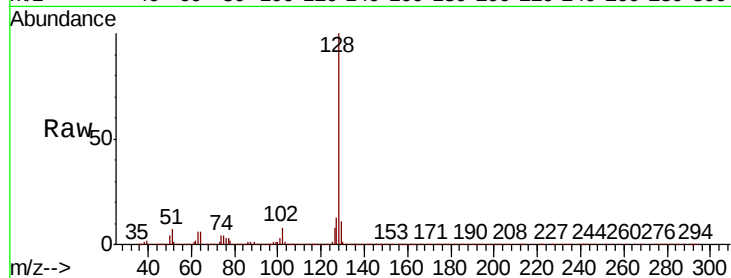




#95
Naphthalene
Concen: 58.369 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :

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



#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

