

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103119\
 Data File : VX013298.D
 Acq On : 31 Oct 2019 18:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Quant Time: Nov 02 07:09:13 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	732728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1115602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1006064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	518950	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	426558	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	348939	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	1330203	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	471101	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	439104	52.011	ug/l	99
3) Chloromethane	1.31	50	465629	50.859	ug/l	99
4) Vinyl Chloride	1.40	62	543424	52.137	ug/l	100
5) Bromomethane	1.62	94	378804	52.152	ug/l	99
6) Chloroethane	1.71	64	296758	49.802	ug/l	99
7) Trichlorofluoromethane	1.92	101	604224	49.067	ug/l	99
8) Diethyl Ether	2.17	74	266493	48.938	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	344842	50.243	ug/l	99
10) Methyl Iodide	2.50	142	422971	49.775	ug/l	99
11) Tert butyl alcohol	3.03	59	528713	231.084	ug/l	99
12) 1,1-Dichloroethene	2.36	96	344248	51.218	ug/l	98
13) Acrolein	2.28	56	316333	255.105	ug/l	96
14) Allyl chloride	2.72	41	622440	50.969	ug/l	99
15) Acrylonitrile	3.13	53	1110364	259.806	ug/l	98
16) Acetone	2.43	43	1041330	240.503	ug/l	97
17) Carbon Disulfide	2.56	76	964993	53.642	ug/l	100
18) Methyl Acetate	2.76	43	615374	51.480	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1155055	51.525	ug/l	98
20) Methylene Chloride	2.84	84	382048	47.757	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	367118	50.166	ug/l	97
22) Diisopropyl ether	3.84	45	1208946	51.277	ug/l	98
23) Vinyl Acetate	3.80	43	5231659	259.318	ug/l	100
24) 1,1-Dichloroethane	3.69	63	664931	50.415	ug/l	99
25) 2-Butanone	4.66	43	1604421	252.590	ug/l	100
26) 2,2-Dichloropropane	4.57	77	523590	49.902	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	415811	50.722	ug/l	100
28) Bromochloromethane	5.00	49	191461	51.127	ug/l	98
29) Tetrahydrofuran	5.12	42	1016018	259.567	ug/l	99
30) Chloroform	5.20	83	655893	50.362	ug/l	97
31) Cyclohexane	5.57	56	598582	50.437	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	576467	51.434	ug/l	99
36) 1,1-Dichloropropene	5.79	75	496991	51.930	ug/l	99
37) Ethyl Acetate	4.82	43	610760	51.646	ug/l	100
38) Carbon Tetrachloride	5.78	117	495461	52.941	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	609268	51.091	ug/l	99
40) Benzene	6.13	78	1496582	50.201	ug/l	100
41) Methacrylonitrile	5.03	41	333823	50.362	ug/l	99
42) 1,2-Dichloroethane	6.18	62	552532	51.383	ug/l	99
43) Isopropyl Acetate	6.44	43	959041	52.079	ug/l	99
44) Trichloroethene	7.20	130	410148	49.981	ug/l	99
45) 1,2-Dichloropropane	7.51	63	384798	50.659	ug/l	100
46) Dibromomethane	7.65	93	258834	49.907	ug/l	98
47) Bromodichloromethane	7.89	83	508813	52.027	ug/l	96
48) Methyl methacrylate	7.76	41	483972	52.649	ug/l	98
49) 1,4-Dioxane	7.73	88	207785	987.030	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3099667	256.555	ug/l	100
52) Toluene	8.78	92	943320	51.053	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	579507	54.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	631439	52.785	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	385704	50.362	ug/l	97
56) Ethyl methacrylate	9.17	69	636189	48.700	ug/l	99
57) 1,3-Dichloropropane	9.37	76	648980	49.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1400210	267.391	ug/l	99
59) 2-Hexanone	9.48	43	2426155	259.854	ug/l	100
60) Dibromochloromethane	9.58	129	420276	53.657	ug/l	99
61) 1,2-Dibromoethane	9.67	107	415297	51.067	ug/l	99
64) Tetrachloroethene	9.33	164	359387	49.900	ug/l	99
65) Chlorobenzene	10.14	112	1016525	49.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	387682	51.838	ug/l	98
67) Ethyl Benzene	10.25	91	1808514	51.446	ug/l	99
68) m/p-Xylenes	10.36	106	1369905	103.041	ug/l	99
69) o-Xylene	10.70	106	673674	51.758	ug/l	99
70) Styrene	10.71	104	1156627	53.159	ug/l	100
71) Bromoform	10.85	173	330732	47.843	ug/l #	99
73) Isopropylbenzene	11.01	105	1779453	51.718	ug/l	100
74) N-amyl acetate	10.89	43	868847	54.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	629510	50.151	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	732404	69.484	ug/l	79
77) Bromobenzene	11.25	156	468866	51.116	ug/l	98
78) n-propylbenzene	11.35	91	2016166	52.604	ug/l	99
79) 2-Chlorotoluene	11.42	91	1184099	51.277	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1499080	52.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	214126	52.289	ug/l	98
82) 4-Chlorotoluene	11.51	91	1376882	50.936	ug/l	99
83) tert-Butylbenzene	11.77	119	1495458	51.836	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1496369	52.049	ug/l	98
85) sec-Butylbenzene	11.94	105	1738139	52.422	ug/l	99
86) p-Isopropyltoluene	12.06	119	1603361	52.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	825041	50.461	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	837212	50.258	ug/l	99
89) n-Butylbenzene	12.39	91	1409327	52.901	ug/l	100
90) Hexachloroethane	12.59	117	294907	54.212	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	830831	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	150616	49.251	ug/l	98

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QLast Update : Sat Nov 02 07:06:38 2019
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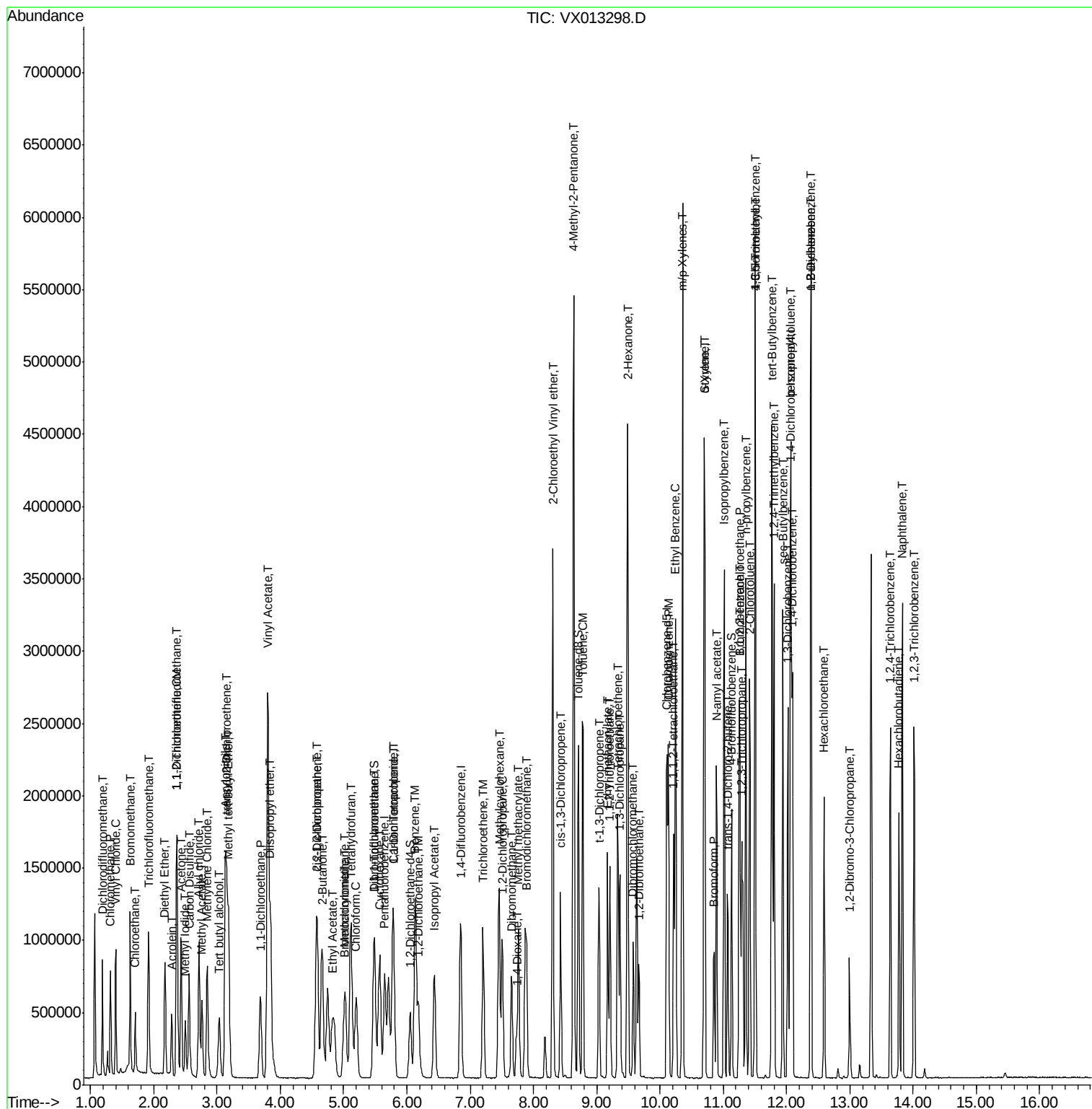
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	605364	53.100	ug/l	97
94) Hexachlorobutadiene	13.78	225	283161	50.769	ug/l	99
95) Naphthalene	13.83	128	1957248	54.720	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	597383	52.250	ug/l	99

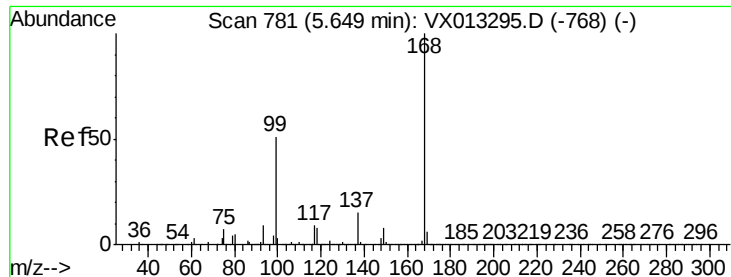
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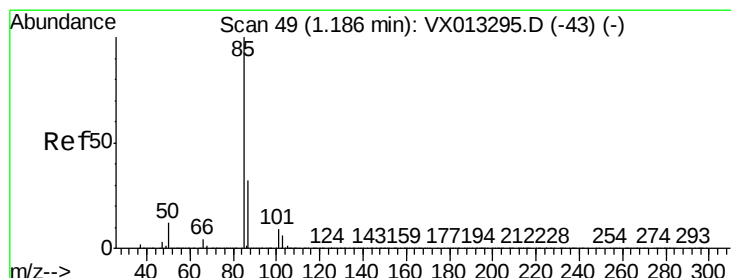
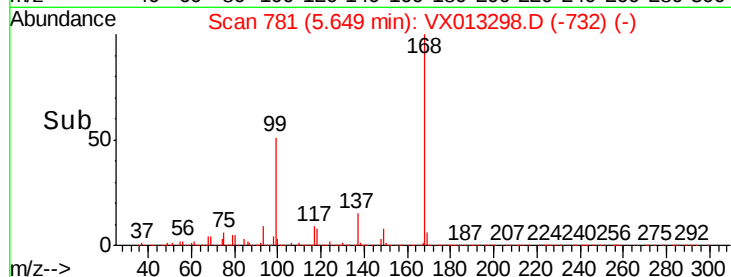
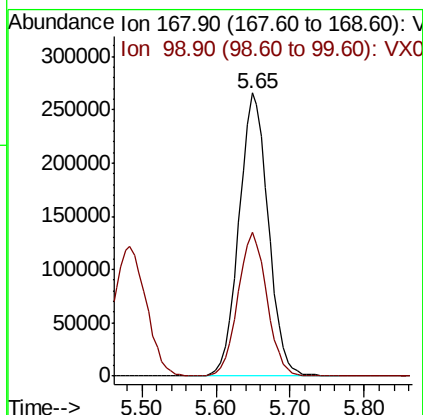
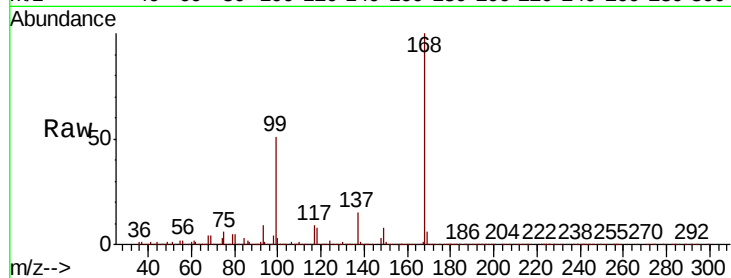


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
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 ClientSampleId :
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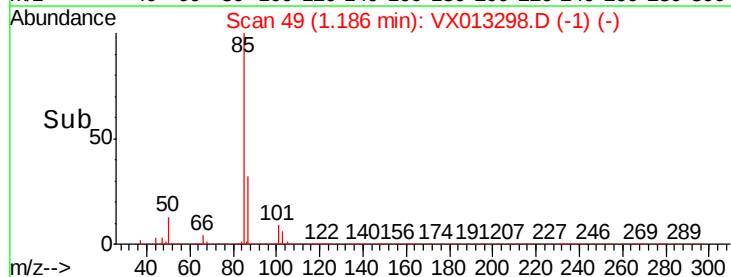
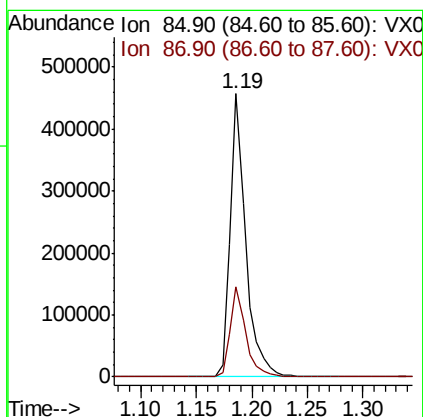
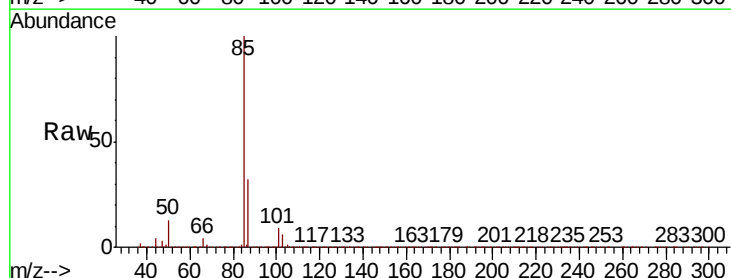
Tot Ion:168 Resp: 732728
 Ion Ratio Lower Upper
 168 100
 99 50.5 40.8 61.2

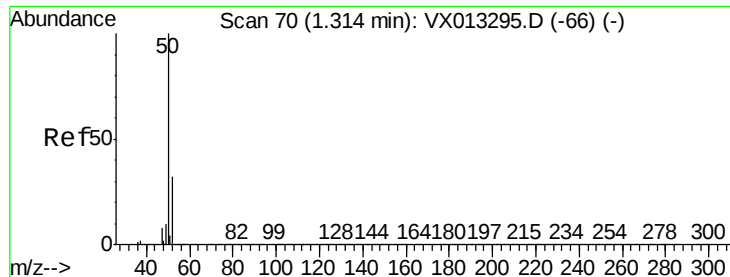


#2

Dichlorodifluoromethane
 Concen: 52.011 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion: 85 Resp: 439104
 Ion Ratio Lower Upper
 85 100
 87 32.0 15.9 47.6

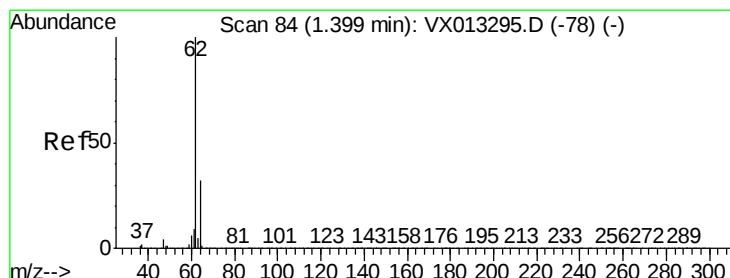
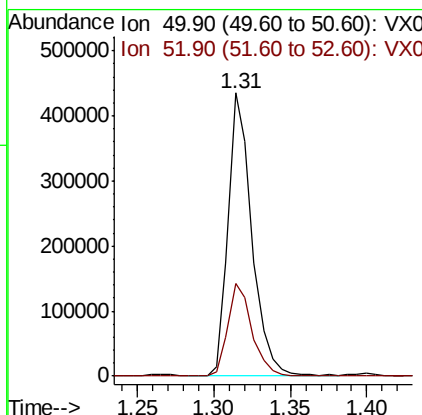
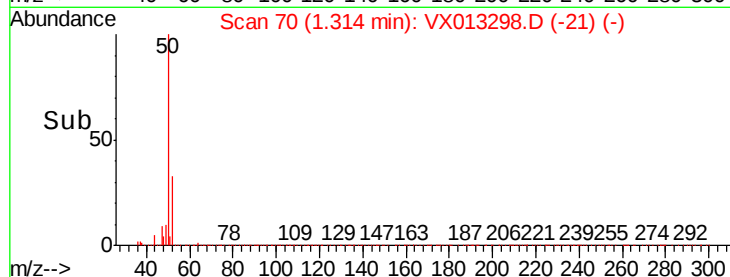
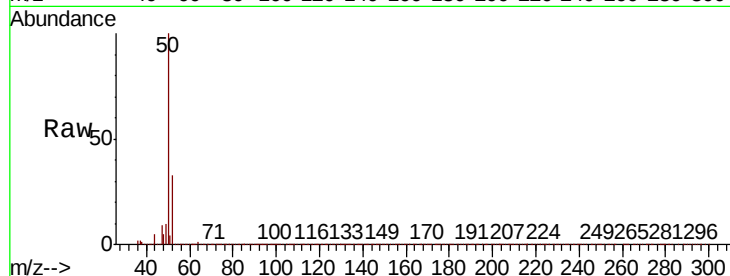




#3
Chloromethane
Concen: 50.859 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

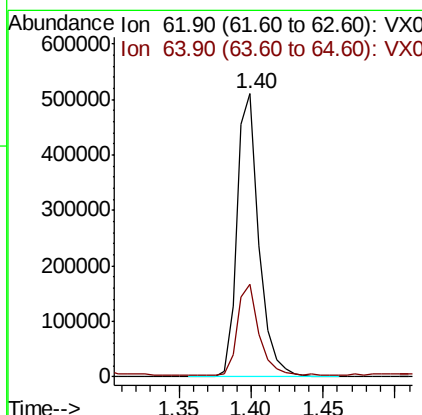
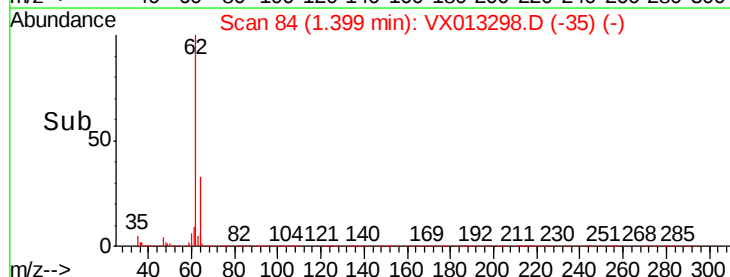
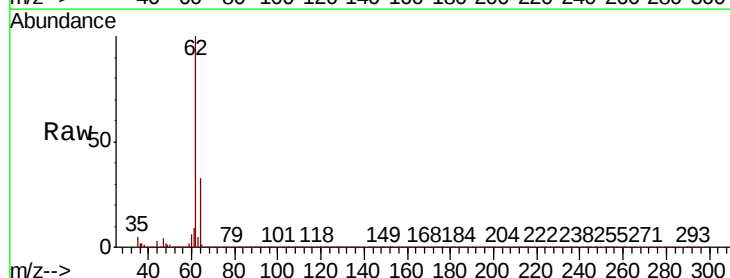
Instrument :
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ClientSampleId :
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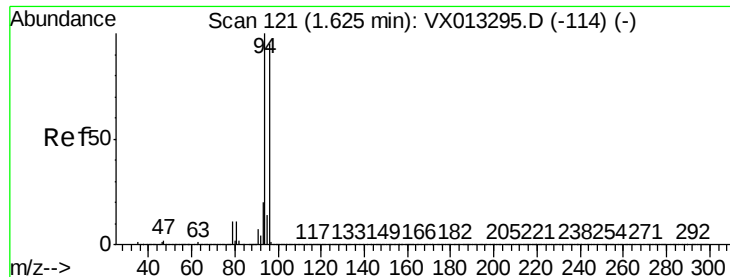
Tot Ion: 50 Resp: 465629
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



#4
Vinyl Chloride
Concen: 52.137 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 62 Resp: 543424
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 52.152 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

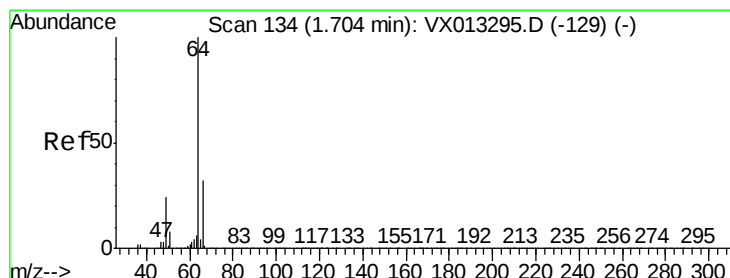
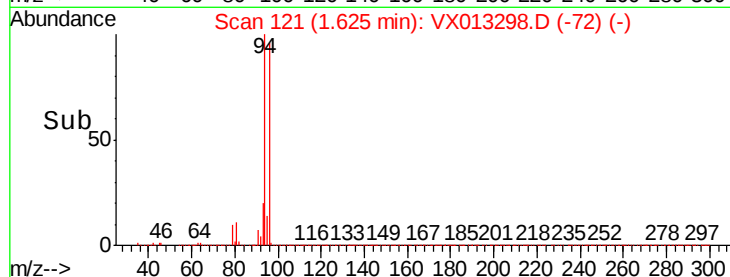
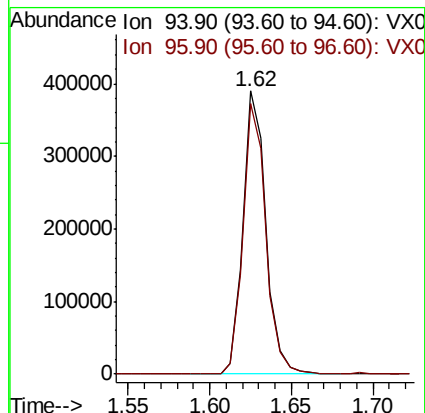
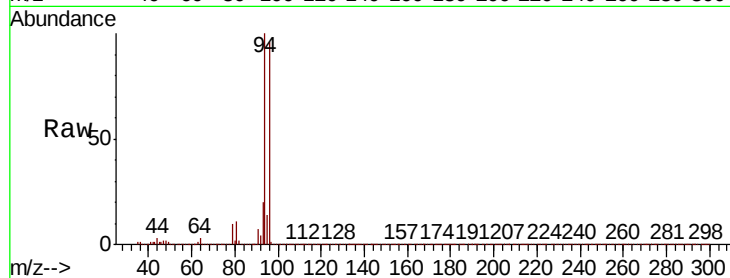
ICVVX103119

Tot Ion: 94 Resp: 378804

Ion Ratio Lower Upper

94 100

96 95.8 75.8 113.8



#6

Chloroethane

Concen: 49.802 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013298.D

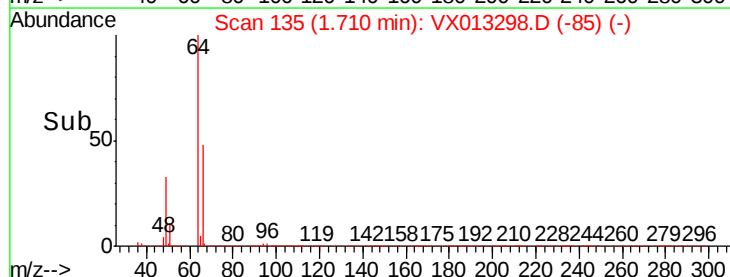
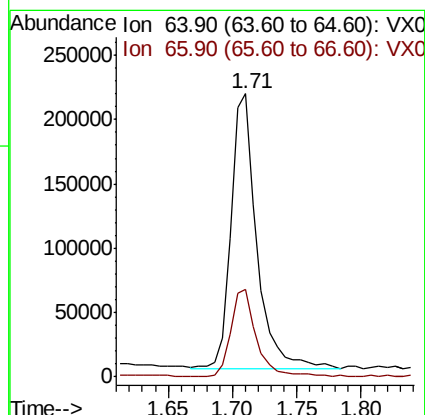
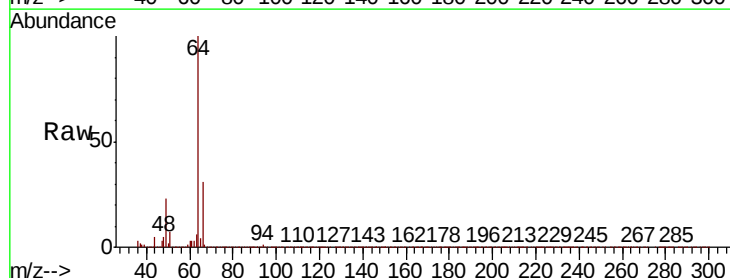
Acq: 31 Oct 2019 18:39

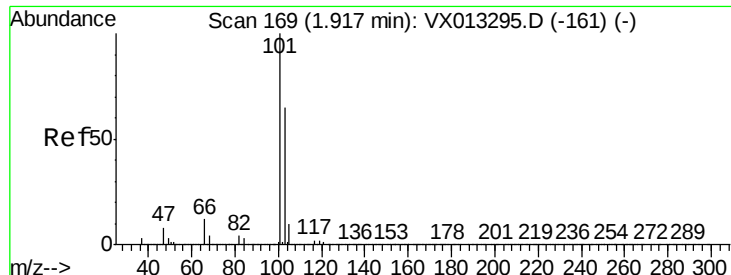
Tgt Ion: 64 Resp: 296758

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



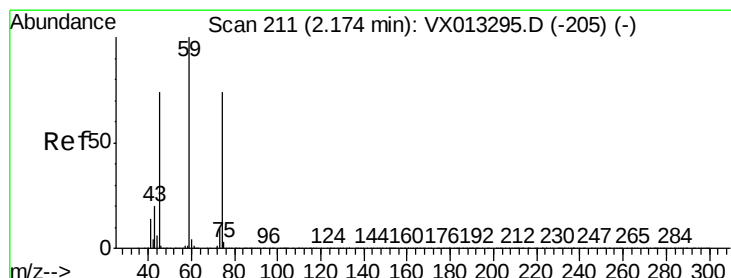
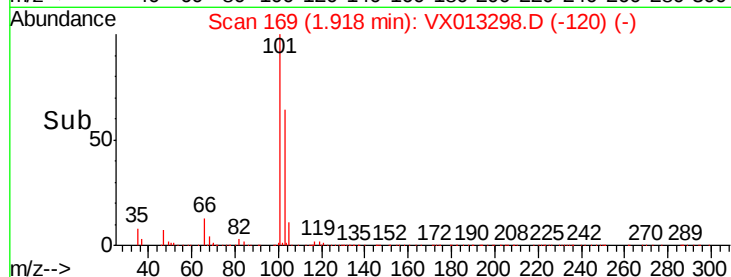
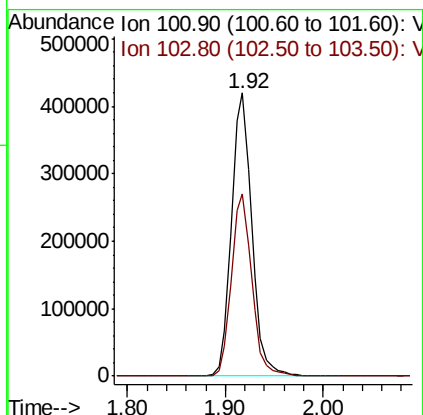
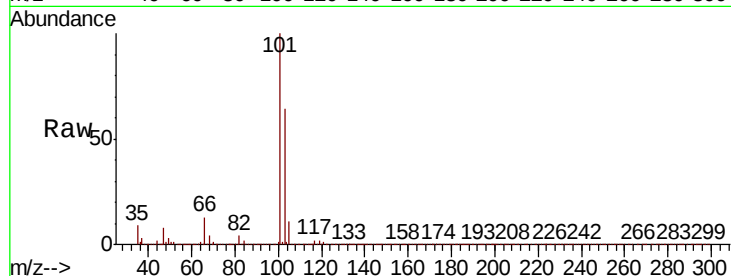


#7

Trichlorofluoromethane
Concen: 49.067 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
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ClientSampleId :
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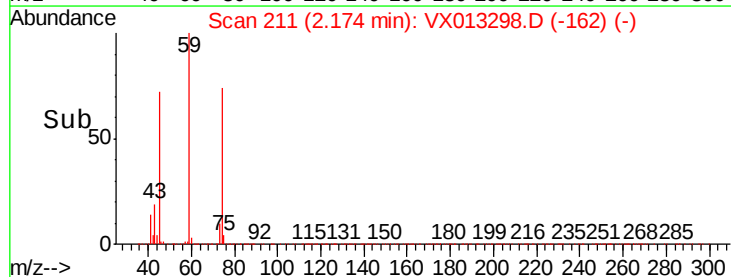
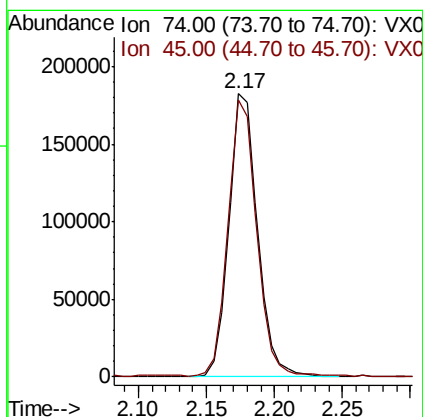
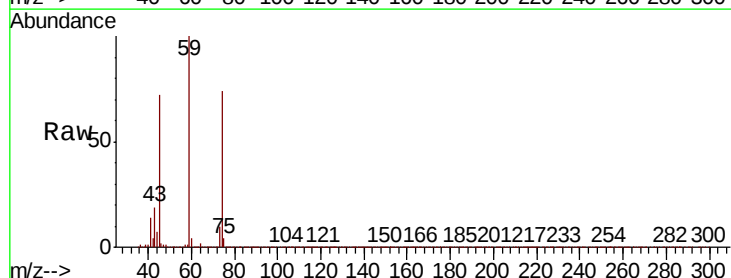
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Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

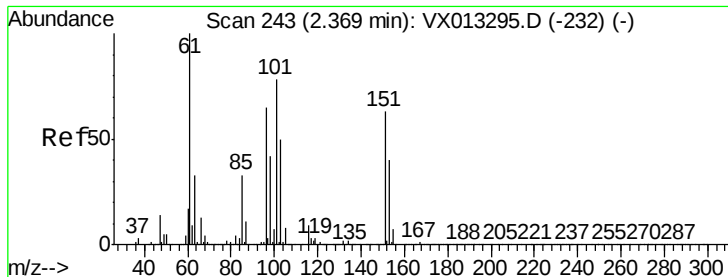


#8

Diethyl Ether
Concen: 48.938 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 74 Resp: 266493
Ion Ratio Lower Upper
74 100
45 97.7 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.243 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

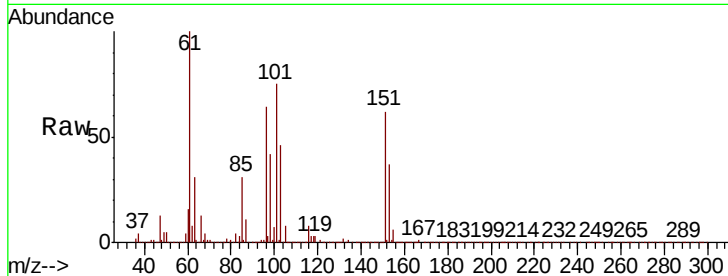
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Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

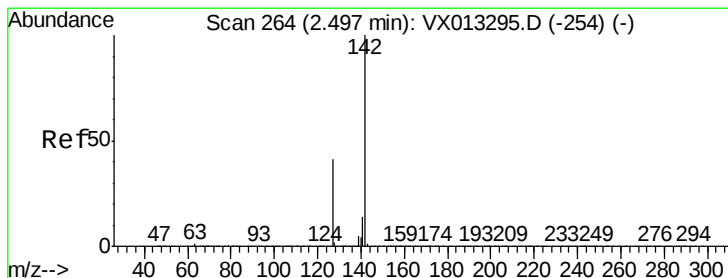
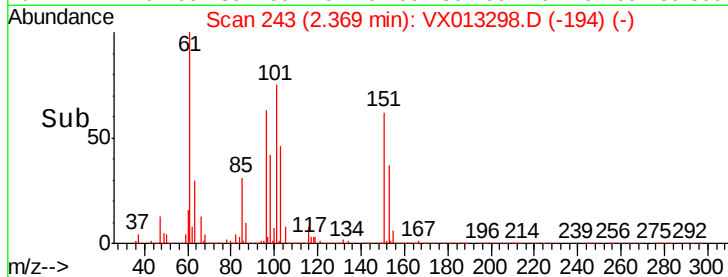
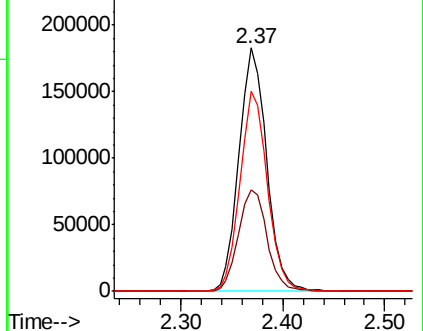
151 81.4 66.4 99.6



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: 49.775 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

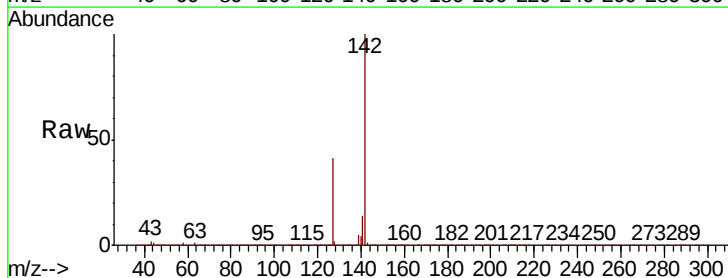
Tgt Ion:142 Resp: 422971

Ion Ratio Lower Upper

142 100

127 39.8 32.6 49.0

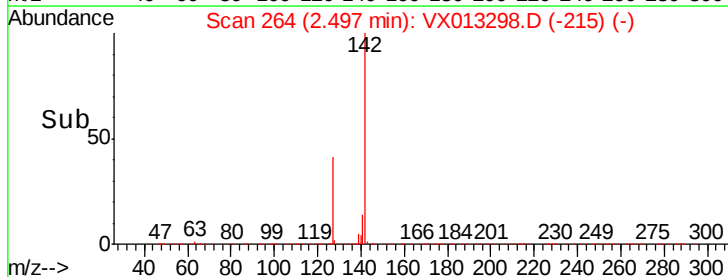
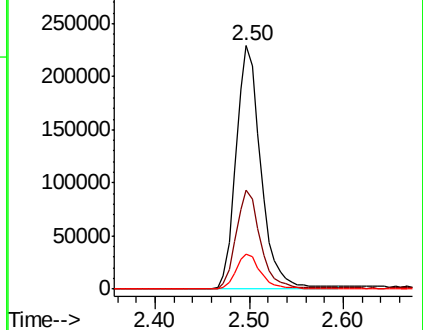
141 14.2 11.6 17.4

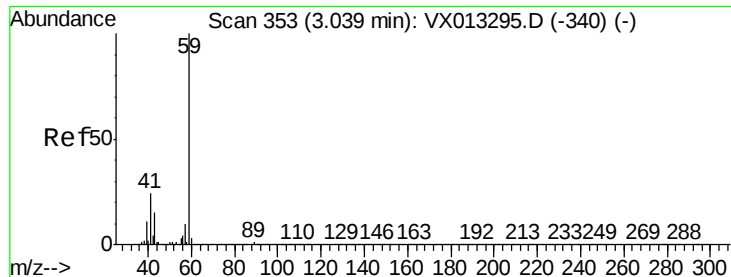


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



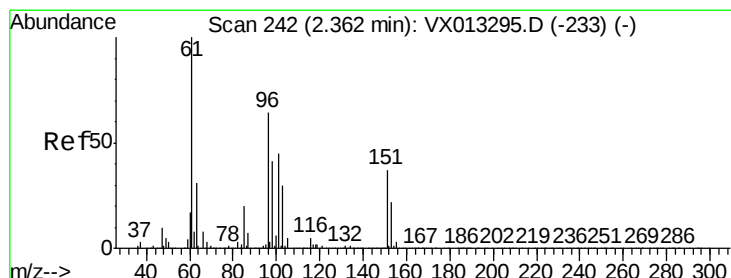
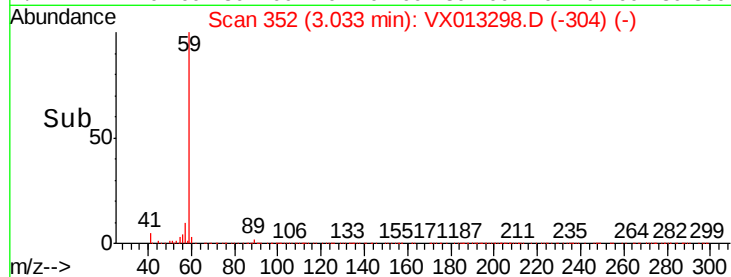
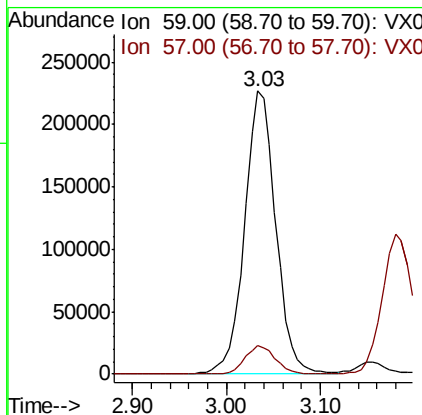
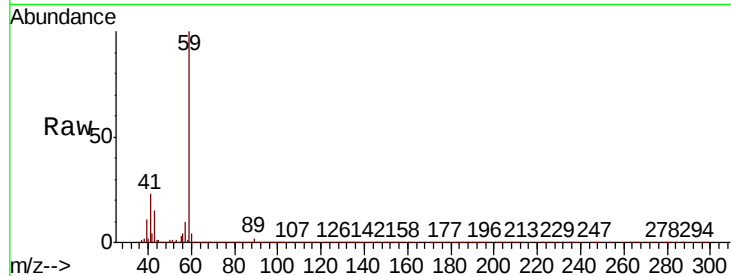


#11

Tert butyl alcohol
 Concen: 231.084 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

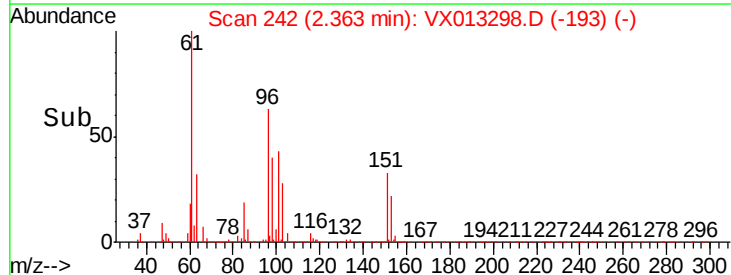
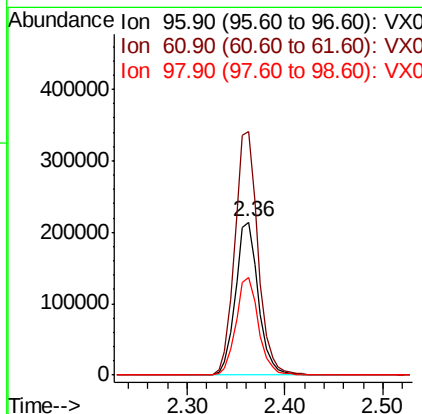
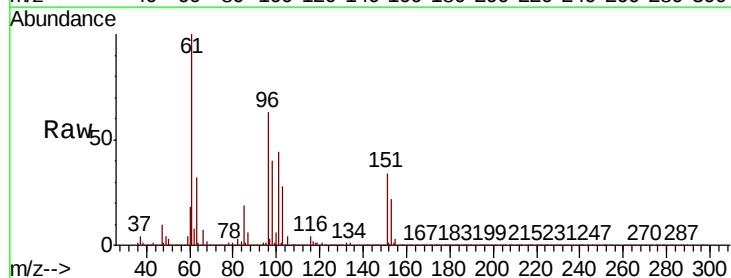
Tot Ion: 59 Resp: 528713
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0

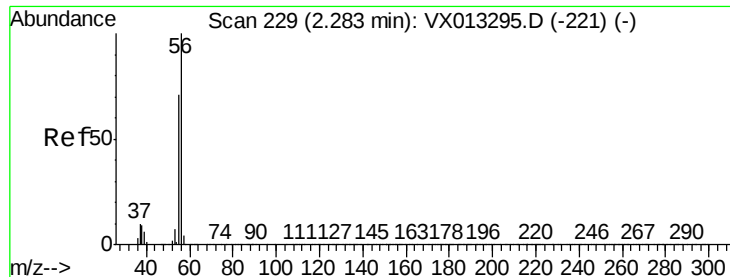


#12

1,1-Dichloroethene
 Concen: 51.218 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion: 96 Resp: 344248
 Ion Ratio Lower Upper
 96 100
 61 159.2 125.0 187.6
 98 63.6 50.7 76.1





#13

Acrolein

Concen: 255.105 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

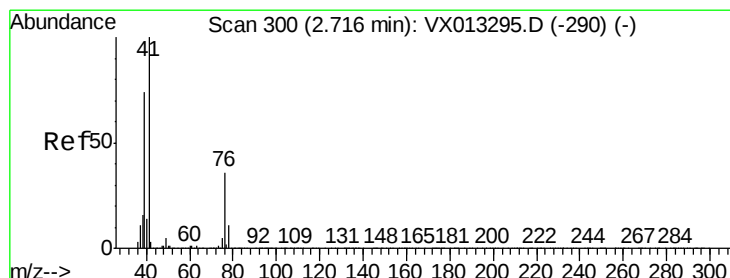
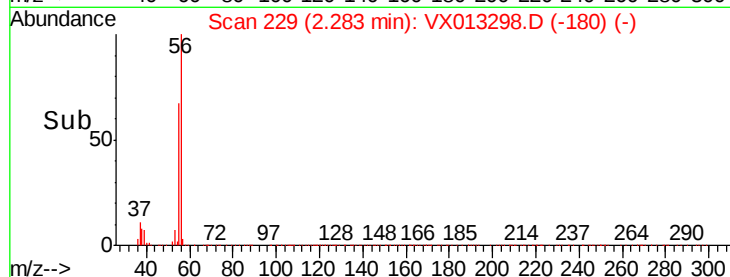
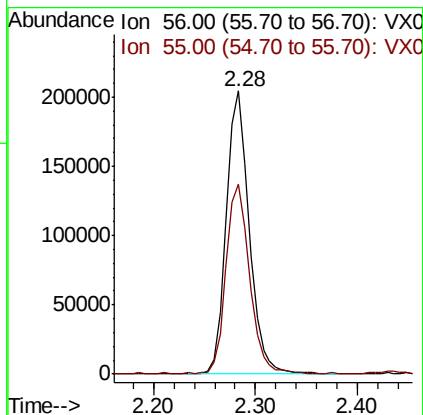
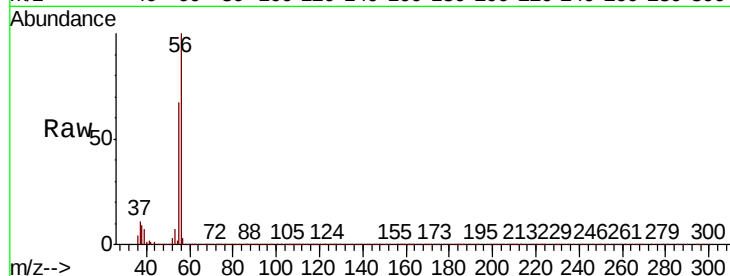
ICVVX103119

Tot Ion: 56 Resp: 316333

Ion Ratio Lower Upper

56 100

55 68.8 57.4 86.0



#14

Allyl chloride

Concen: 50.969 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

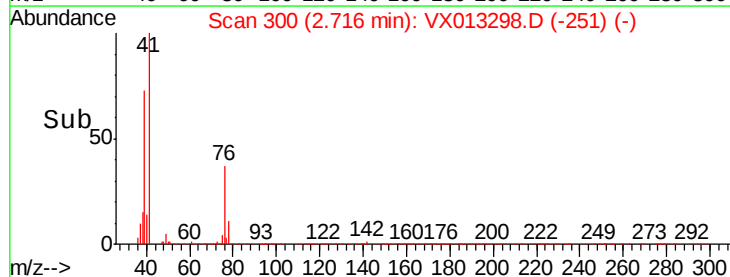
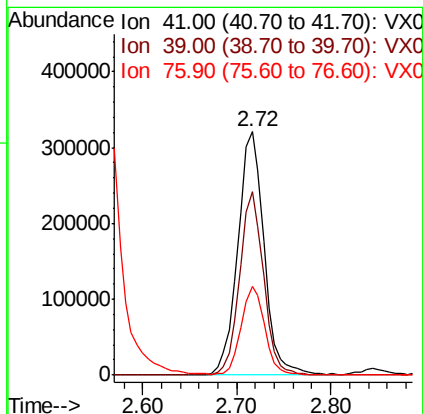
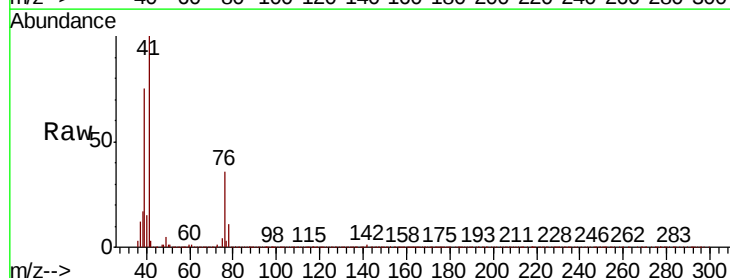
Tgt Ion: 41 Resp: 622440

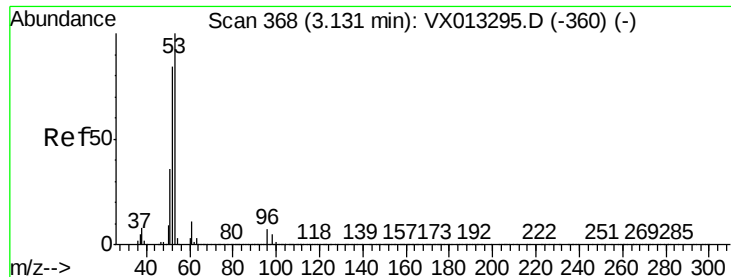
Ion Ratio Lower Upper

41 100

39 68.5 55.8 83.8

76 32.8 26.4 39.6





#15

Acrylonitrile

Concen: 259.806 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

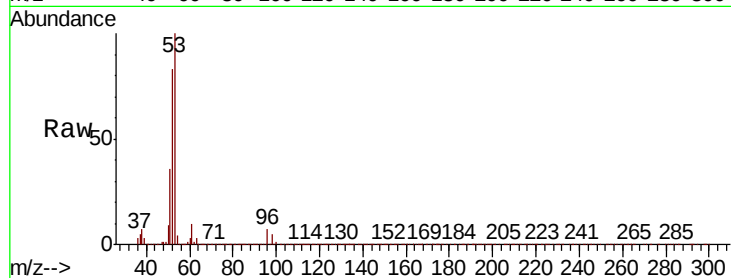
MSVOA_X

ClientSampleId :

ICVVX103119

Tot Ion: 53 Resp: 1110364

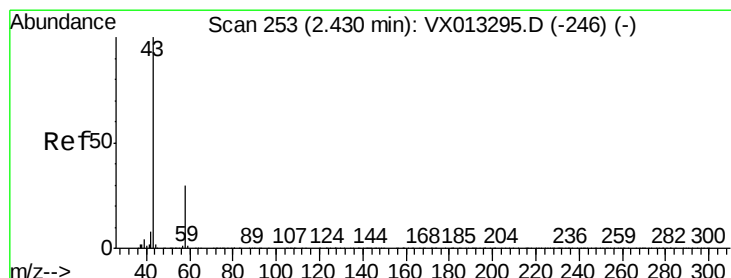
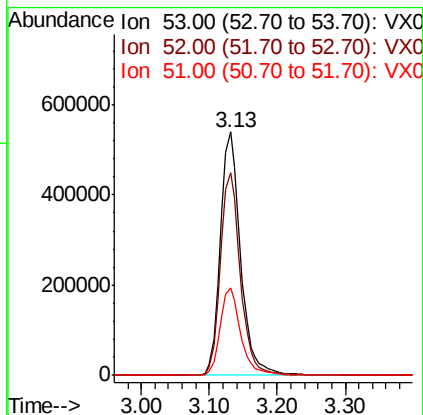
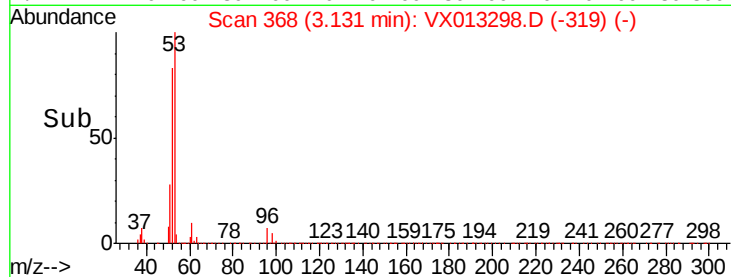
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.4	101.0
51	36.1	29.4	44.2



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: 240.503 ug/l

RT: 2.43 min Scan# 253

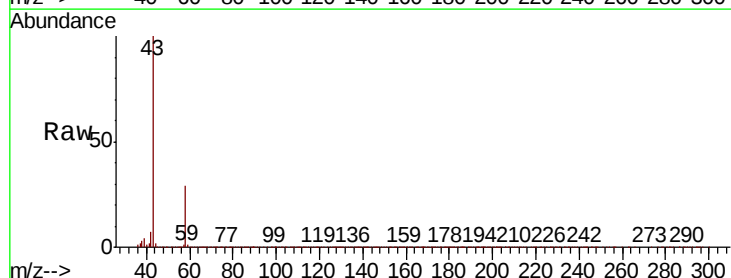
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

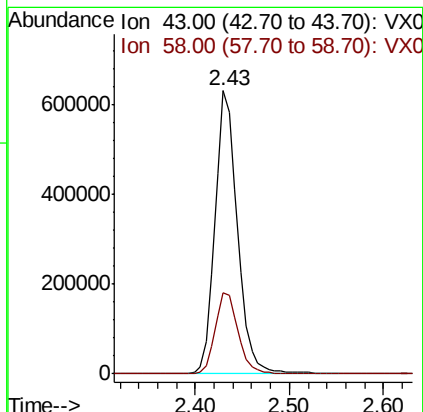
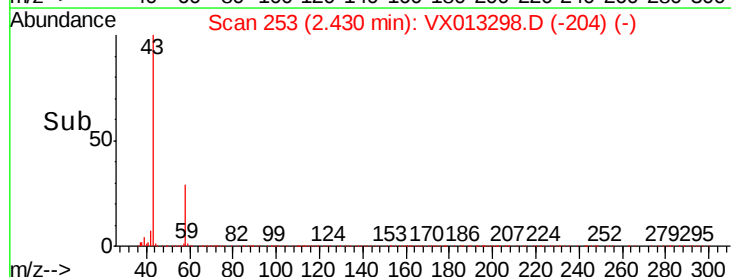
Tgt Ion: 43 Resp: 1041330

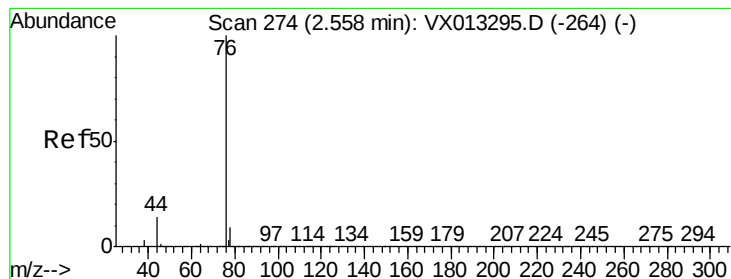
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.642 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

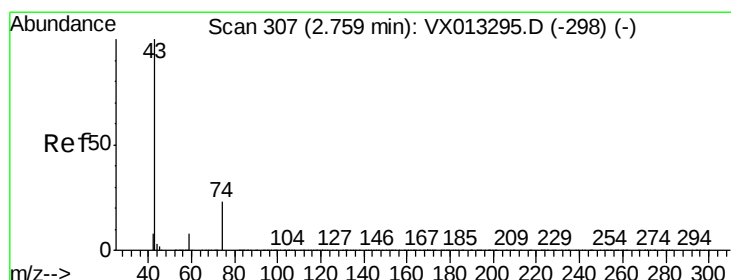
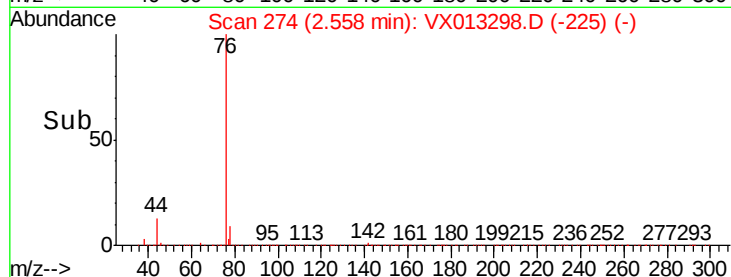
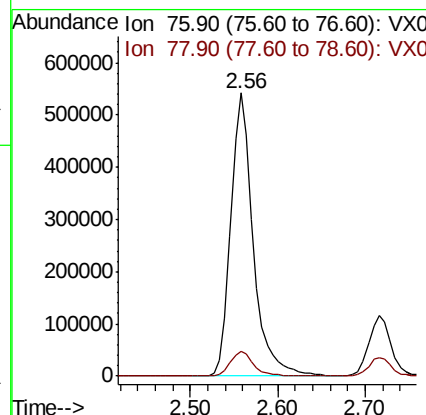
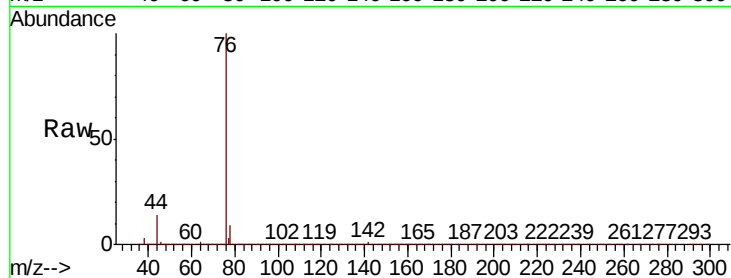
ICVVX103119

Tot Ion: 76 Resp: 964993

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 51.480 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013298.D

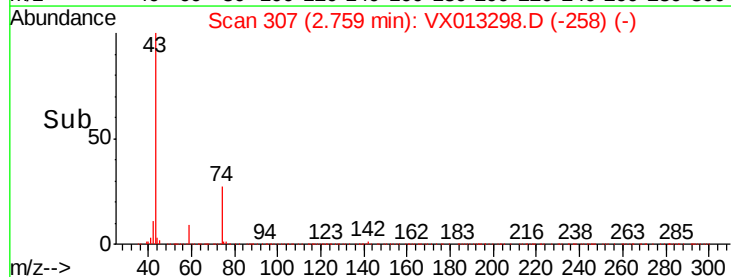
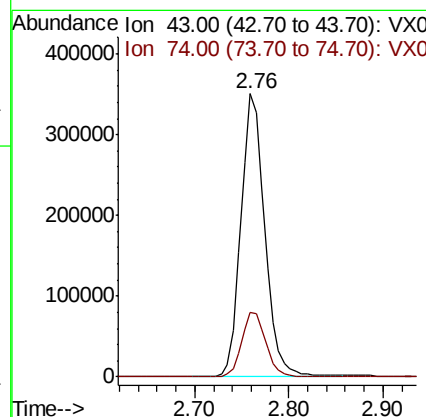
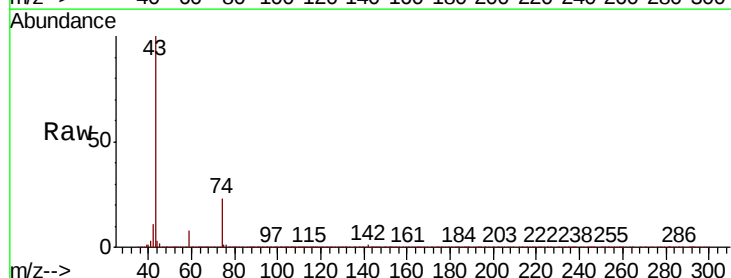
Acq: 31 Oct 2019 18:39

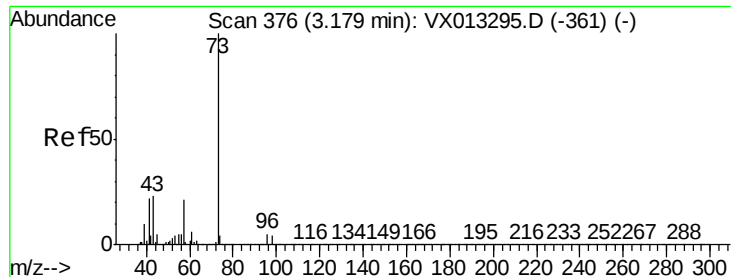
Tgt Ion: 43 Resp: 615374

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6

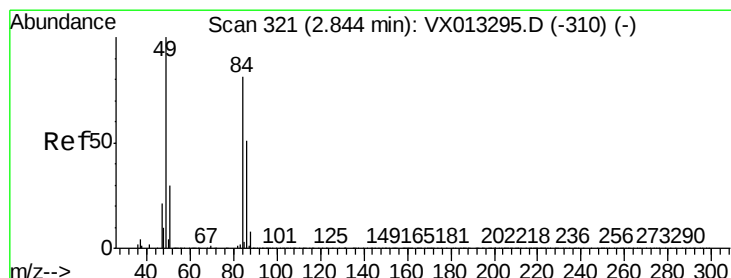
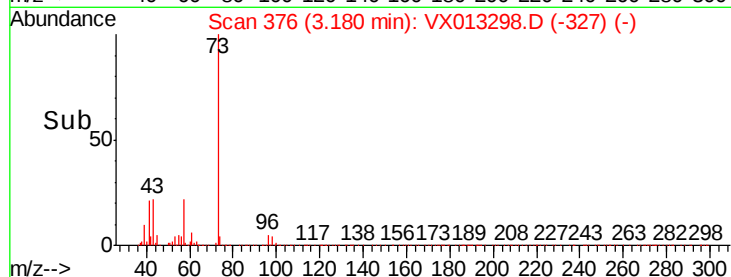
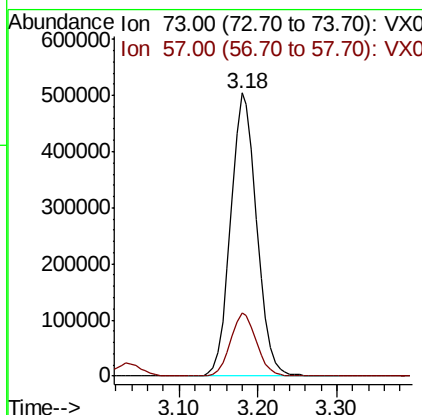
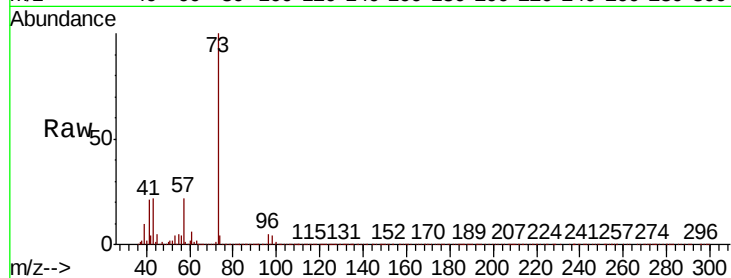




#19
Methyl tert-butyl Ether
Concen: 51.525 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

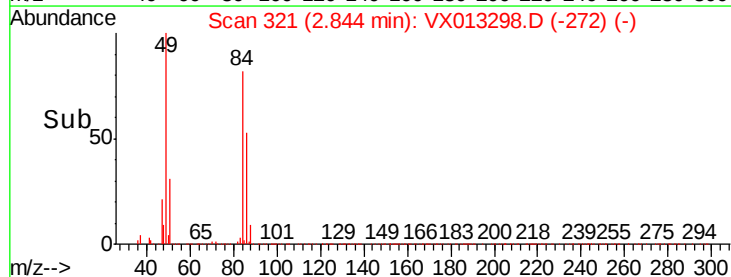
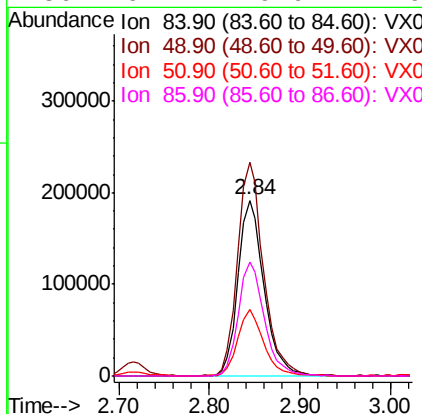
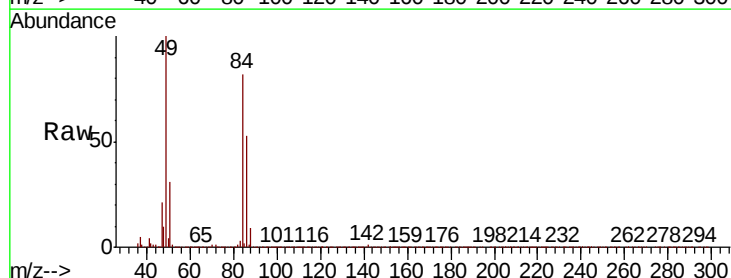
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

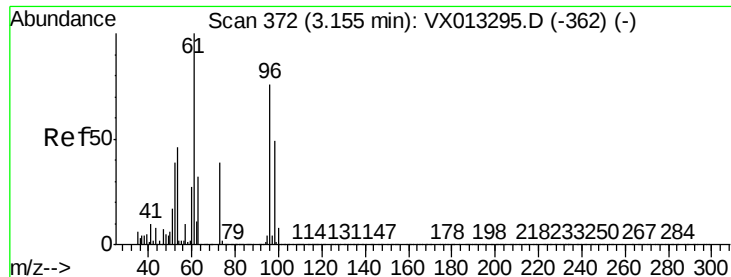
Tot Ion: 73 Resp: 1155055
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 47.757 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 84 Resp: 382048
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.4
51 37.7 29.9 44.9
86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.166 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

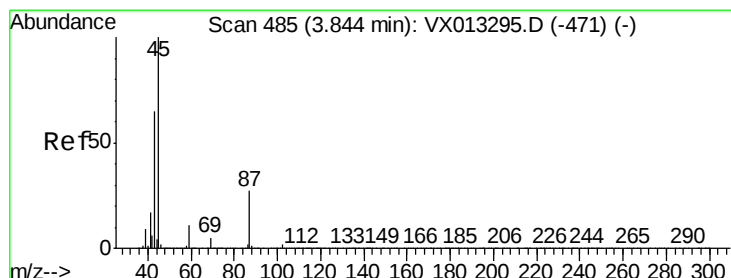
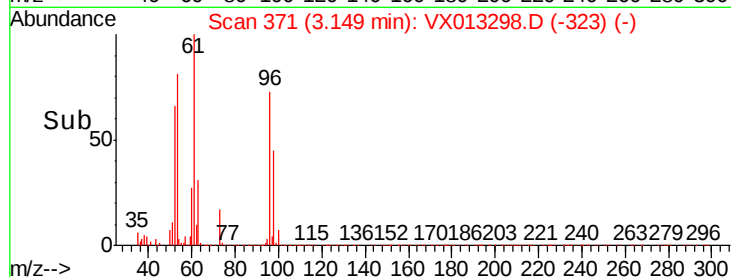
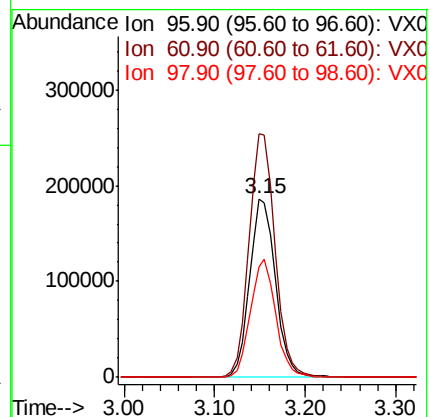
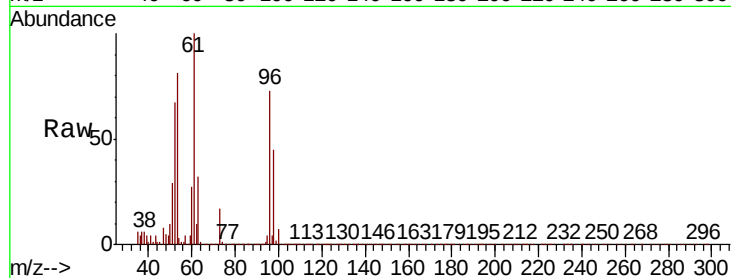
Tot Ion: 96 Resp: 367118

Ion Ratio Lower Upper

96 100

61 136.1 105.8 158.6

98 61.7 51.8 77.6



#22

Diisopropyl ether

Concen: 51.277 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion: 45 Resp: 1208946

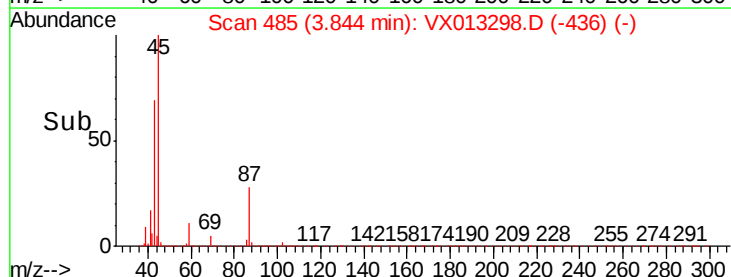
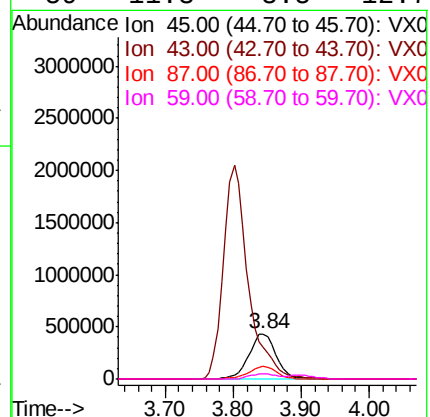
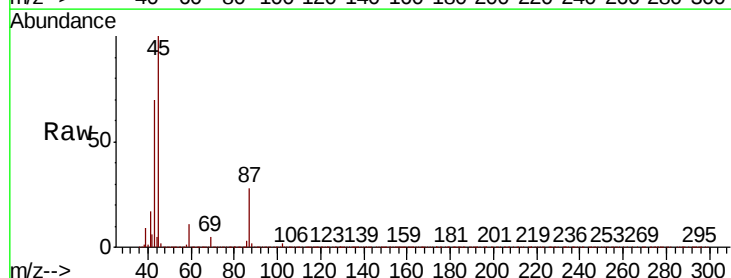
Ion Ratio Lower Upper

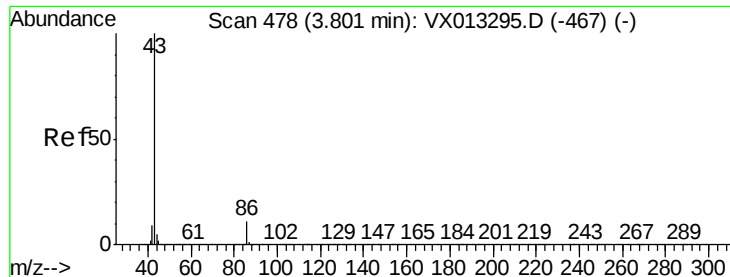
45 100

43 69.5 54.2 81.2

87 28.4 21.8 32.8

59 11.3 8.5 12.7

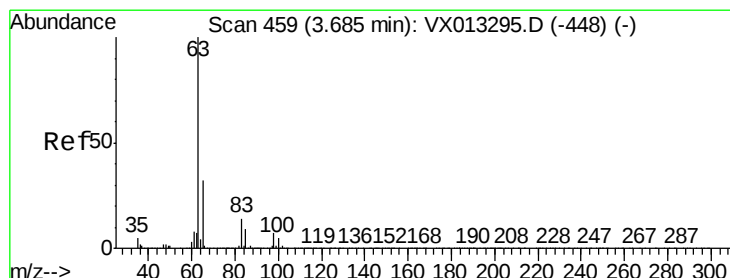
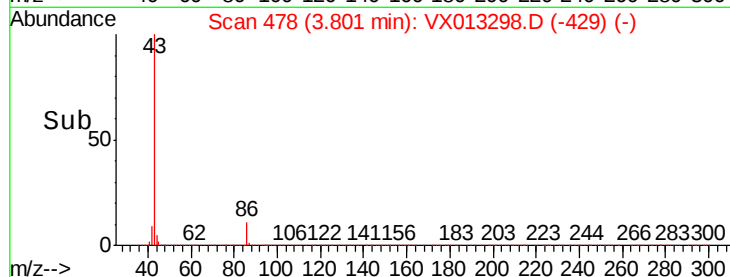
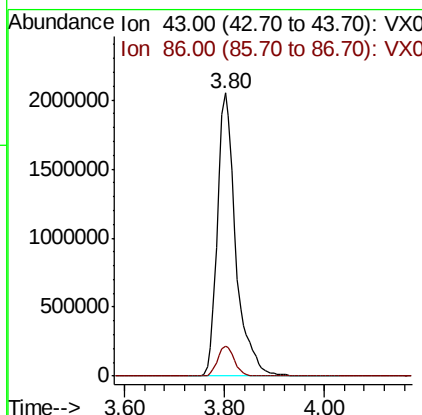
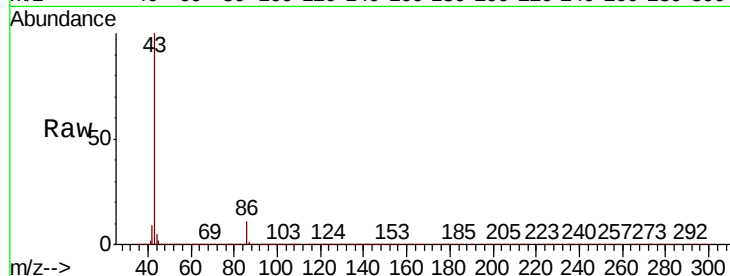




#23
 Vinyl Acetate
 Concen: 259.318 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

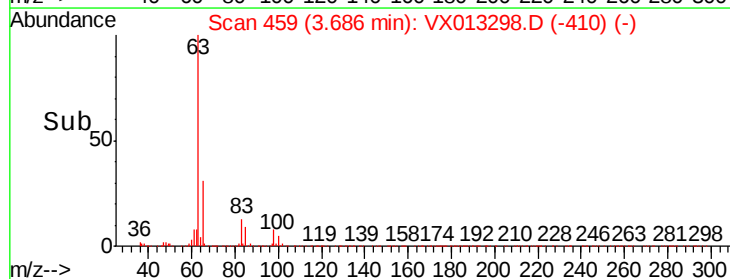
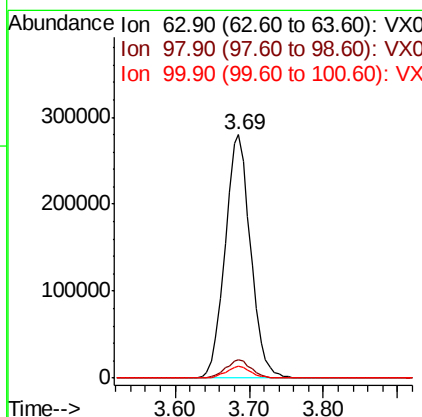
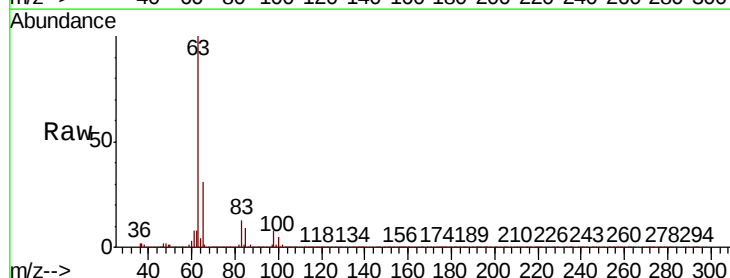
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

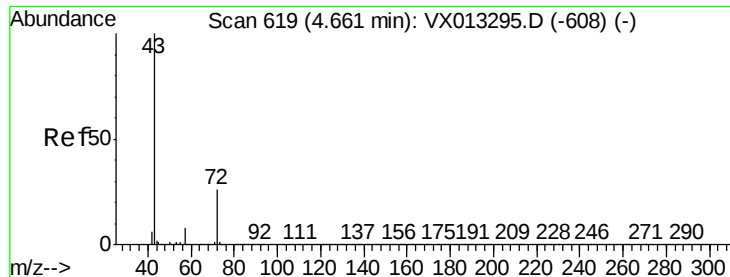
Tot Ion: 43 Resp: 5231659
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.415 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion: 63 Resp: 664931
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 252.590 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

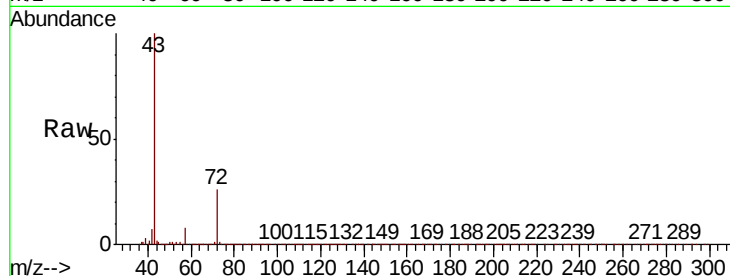
ICVVX103119

Tot Ion: 43 Resp: 1604421

Ion Ratio Lower Upper

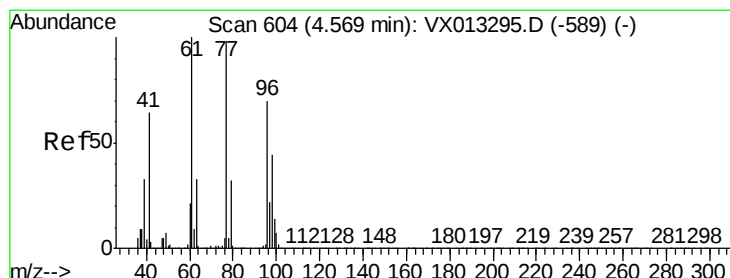
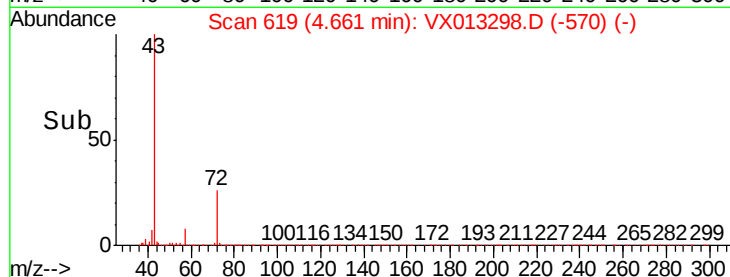
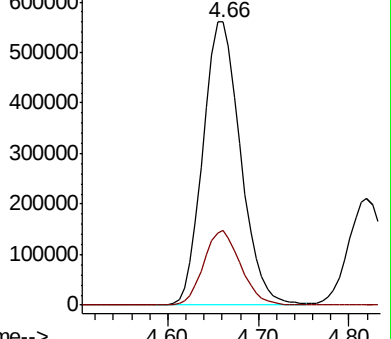
43 100

72 26.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.902 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013298.D

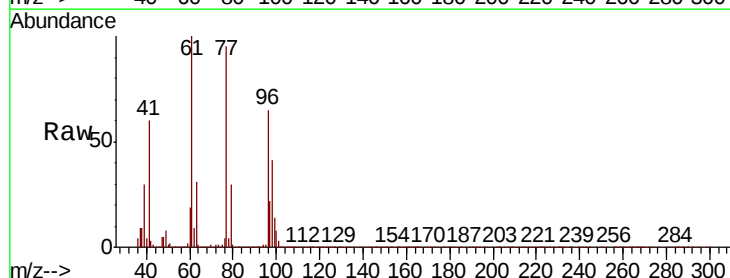
Acq: 31 Oct 2019 18:39

Tgt Ion: 77 Resp: 523590

Ion Ratio Lower Upper

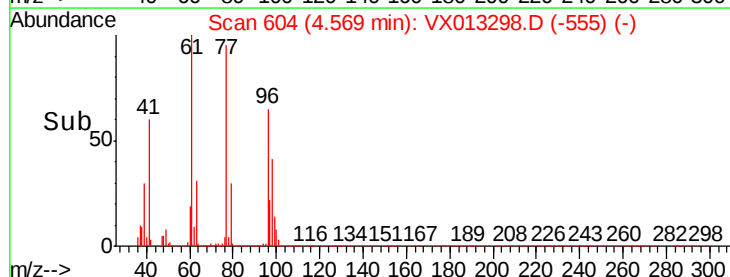
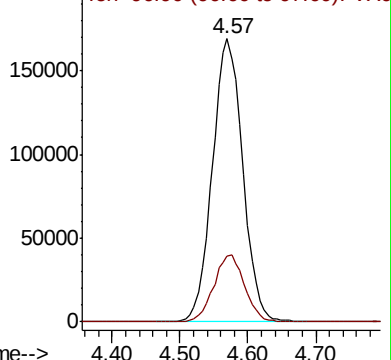
77 100

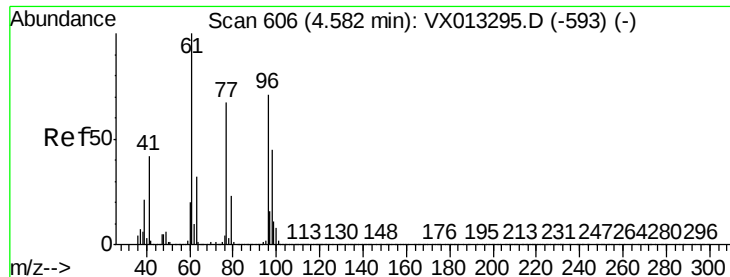
97 23.7 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



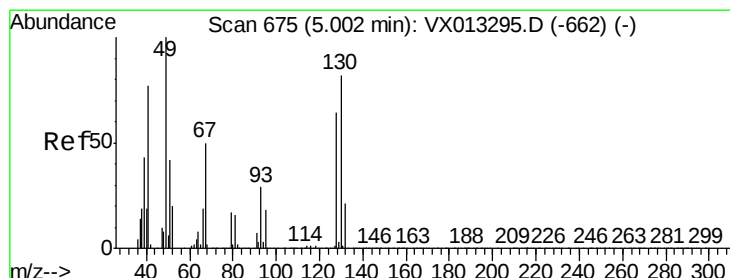
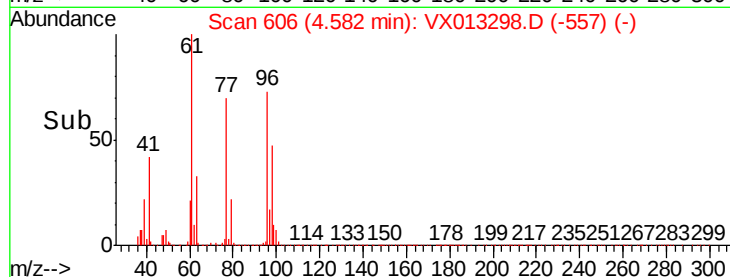
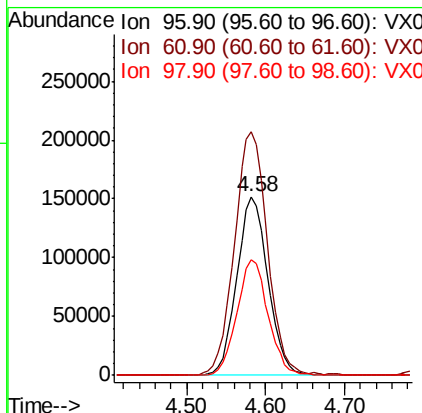
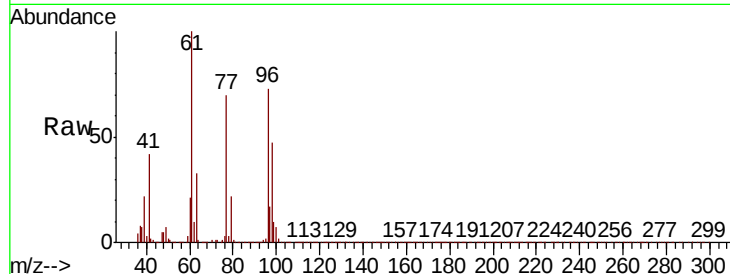


#27

cis-1,2-Dichloroethene
Concen: 50.722 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

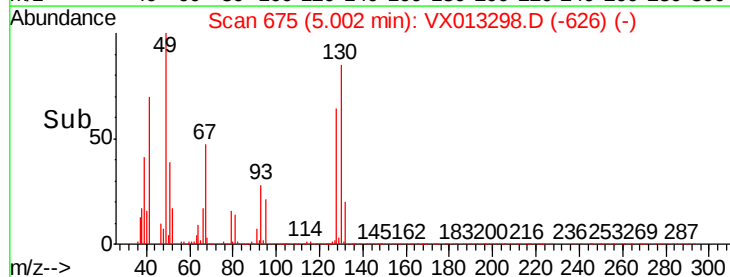
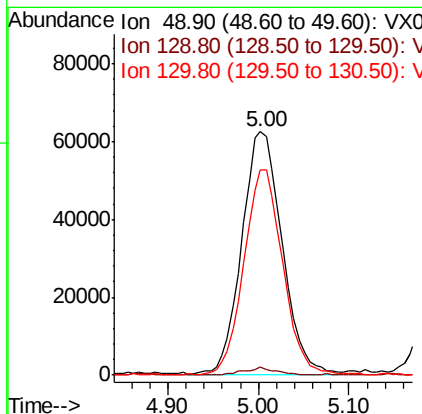
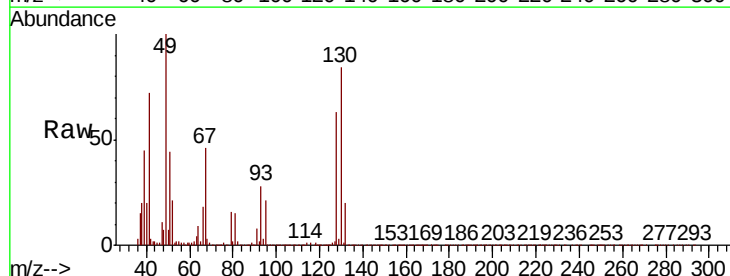
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	288.0
98	64.9	0.0	129.6

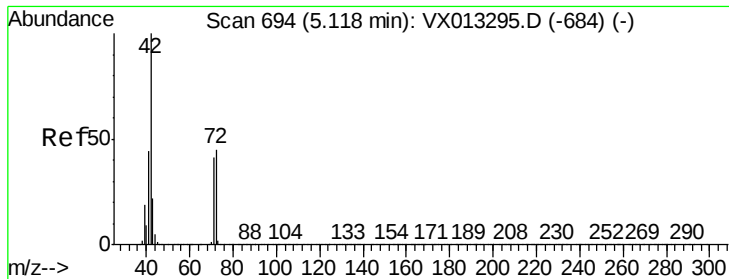


#28

Bromochloromethane
Concen: 51.127 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	81.5	63.8	95.6

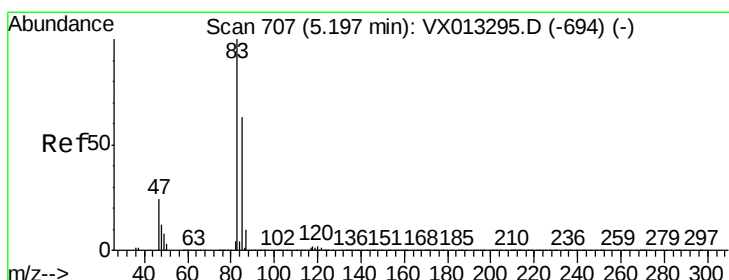
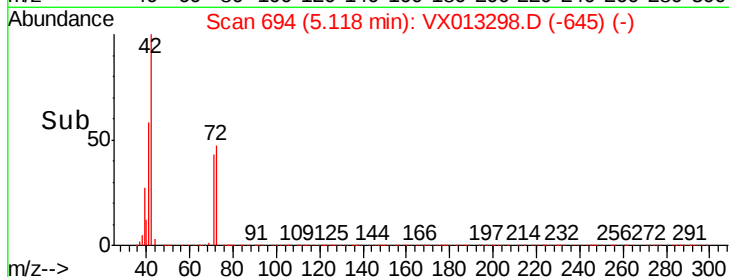
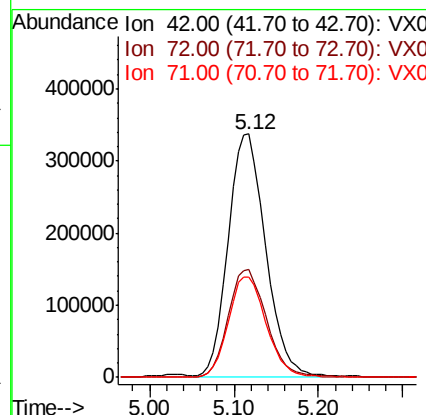
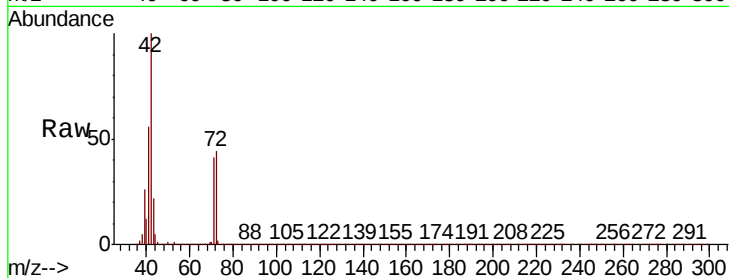




#29
Tetrahydrofuran
Concen: 259.567 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

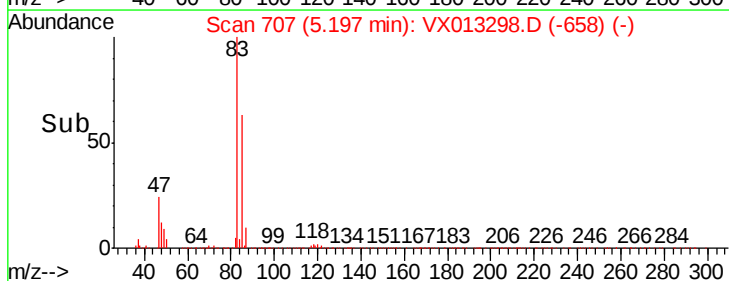
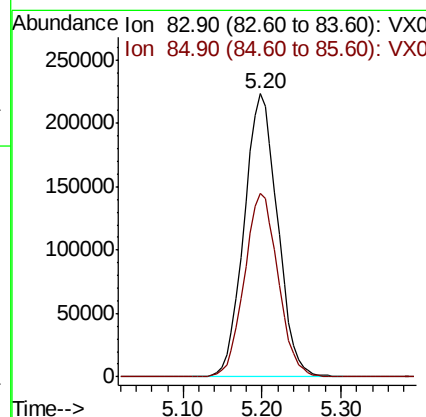
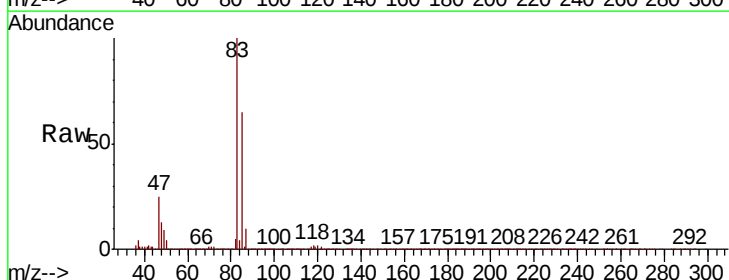
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

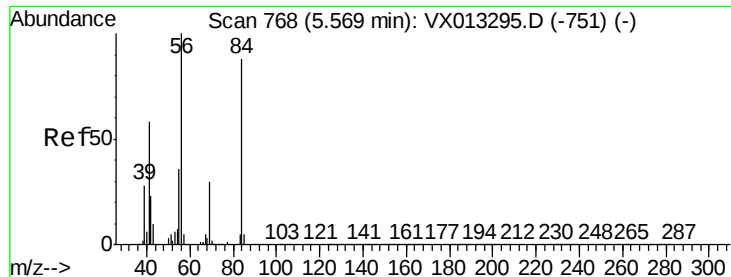
Tot Ion: 42 Resp: 1016018
Ion Ratio Lower Upper
42 100
72 45.4 35.8 53.8
71 41.9 33.4 50.0



#30
Chloroform
Concen: 50.362 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 83 Resp: 655893
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4

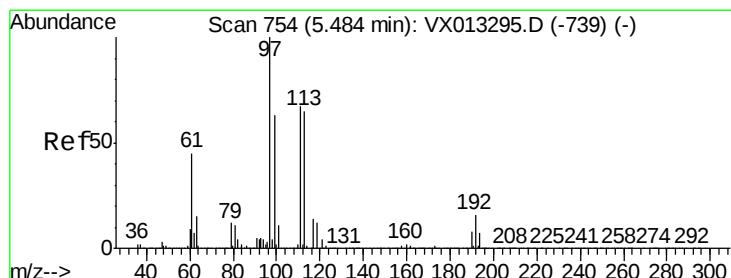
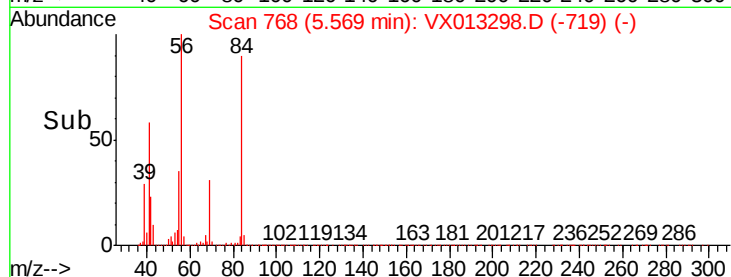
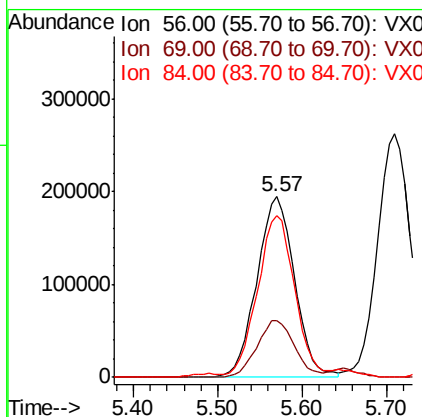
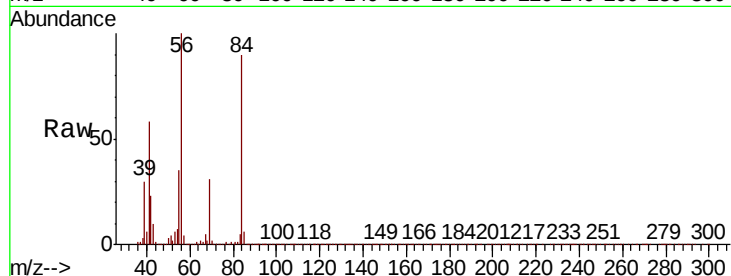




#31
Cyclohexane
Concen: 50.437 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

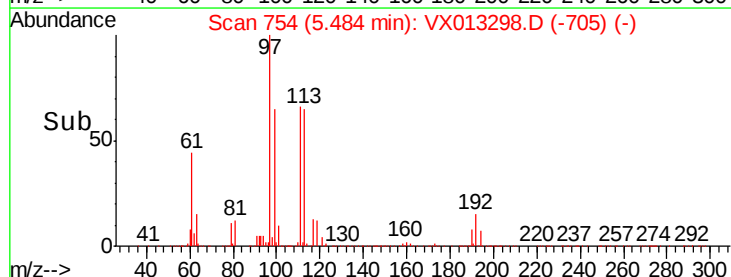
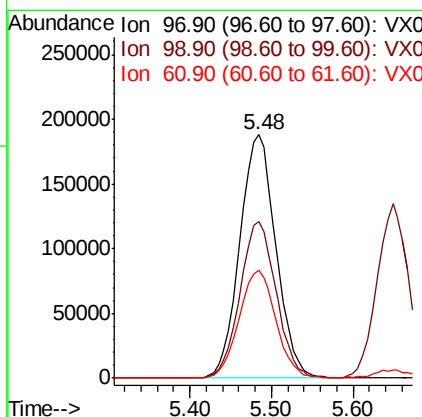
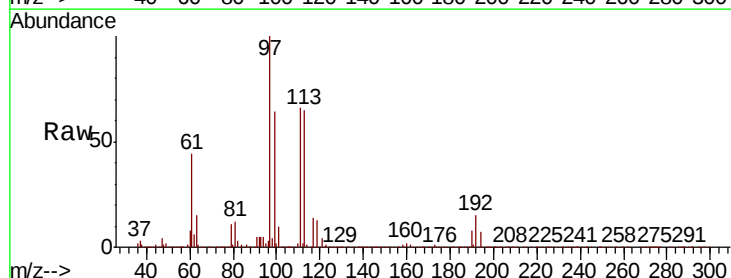
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

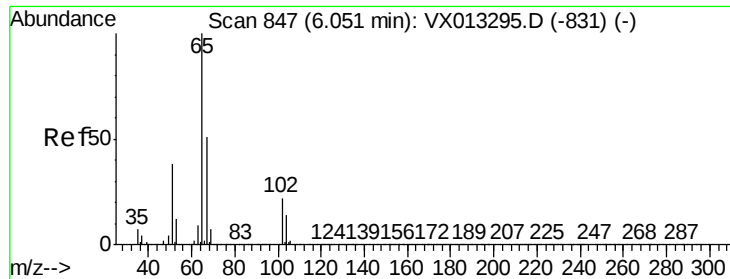
Tot Ion: 56 Resp: 598582
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 88.4 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 51.434 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 97 Resp: 576467
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 44.8 36.5 54.7

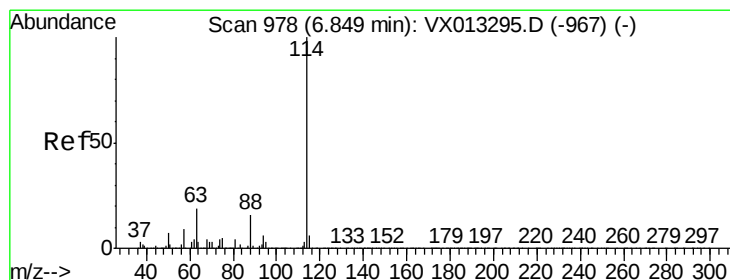
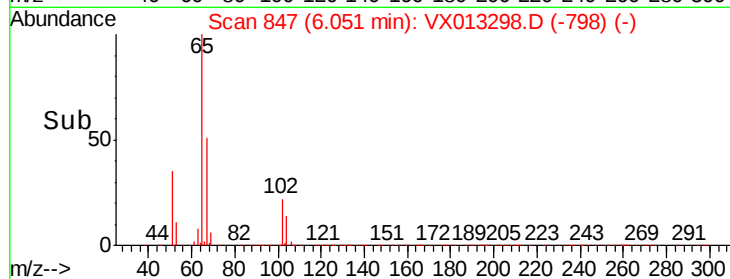
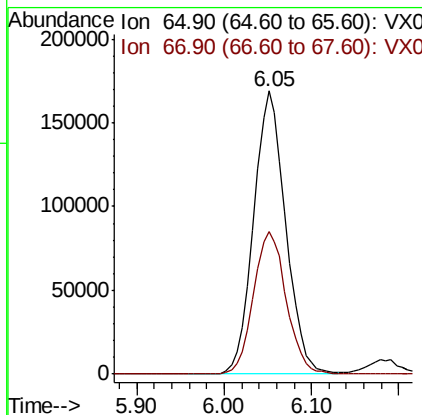
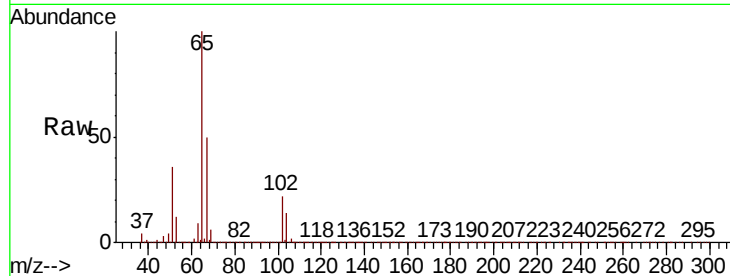




#33
 1,2-Dichloroethane-d4
 Concen: 49.139 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

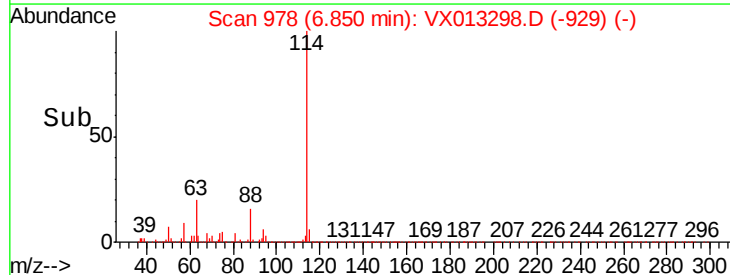
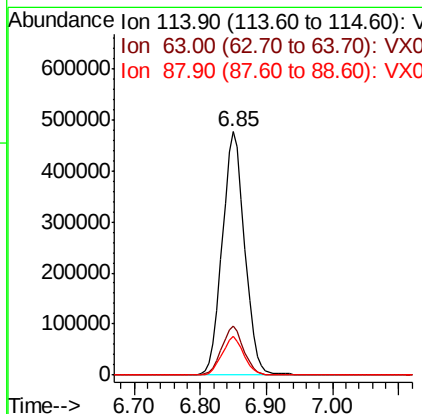
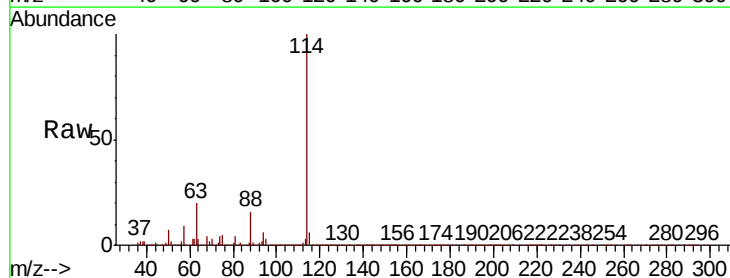
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

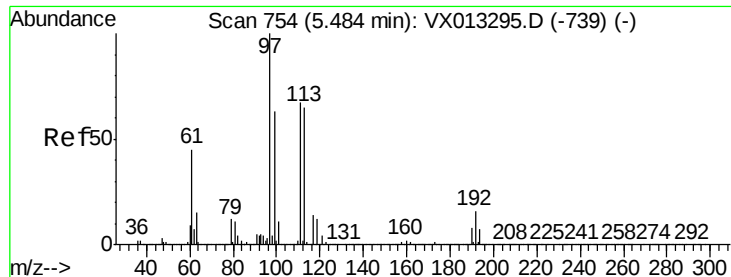
Tot Ion: 65 Resp: 426558
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion: 114 Resp: 1115602
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 16.0 0.0 32.2

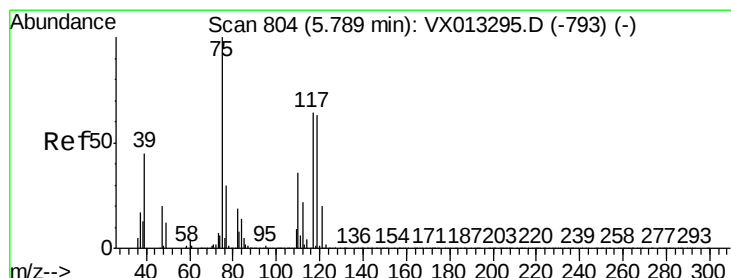
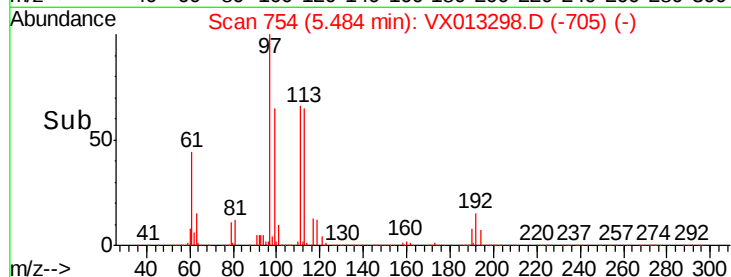
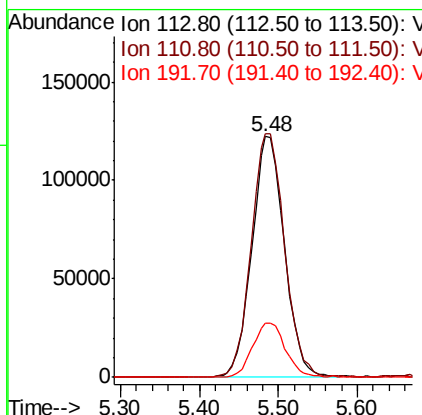
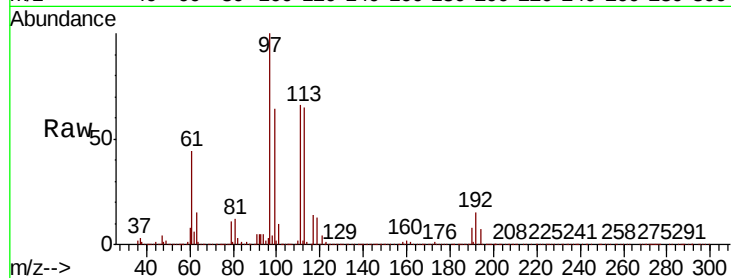




#35
 Dibromofluoromethane
 Concen: 49.868 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

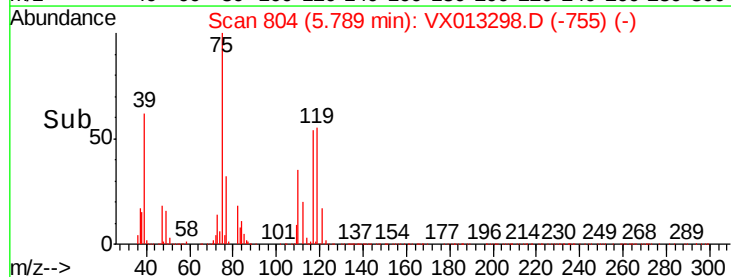
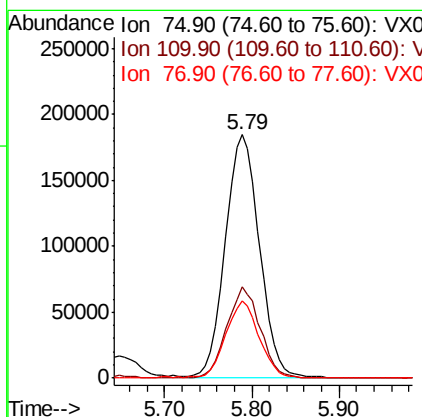
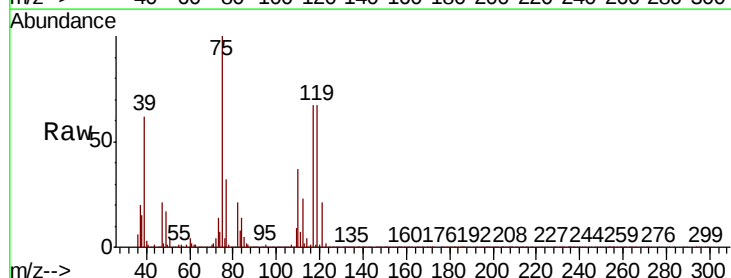
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

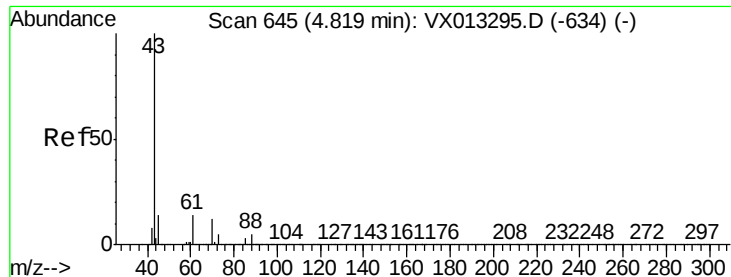
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	22.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 51.930 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	30.6	25.0	37.4

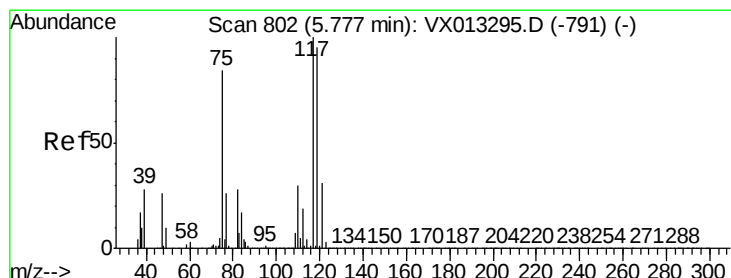
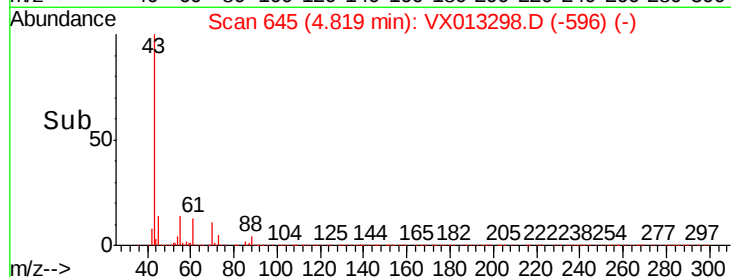
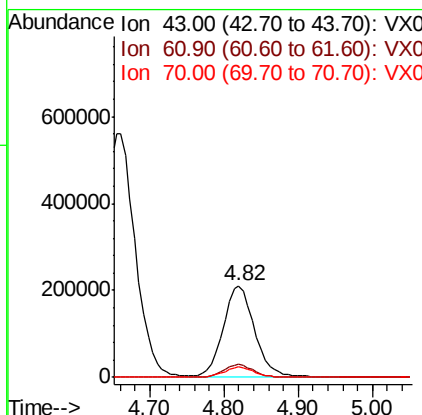
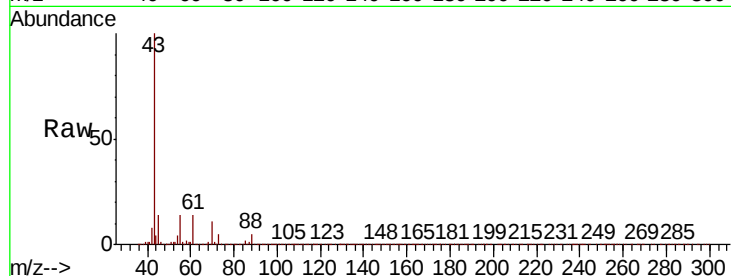




#37
Ethyl Acetate
Concen: 51.646 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

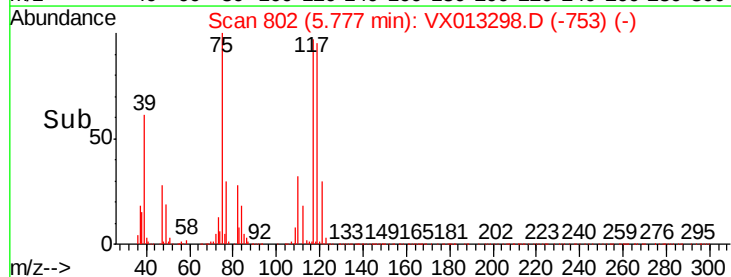
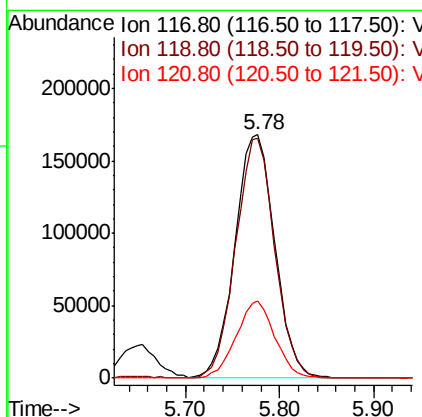
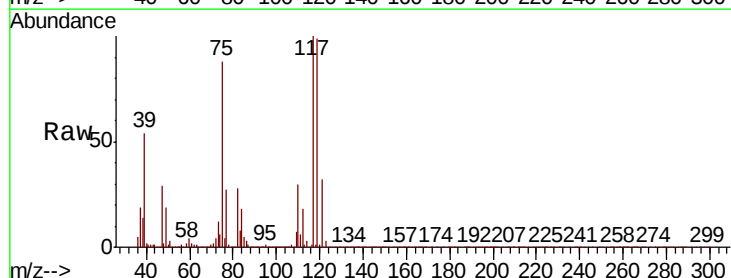
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

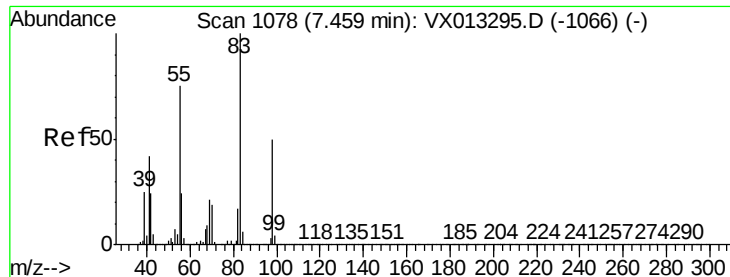
Tot Ion	43	Resp	610760
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.7	8.7	13.1



#38
Carbon Tetrachloride
Concen: 52.941 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	117	Resp	495461
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.1	114.1
121	31.4	24.6	37.0

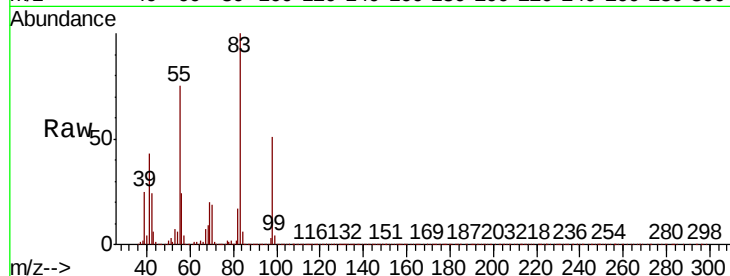




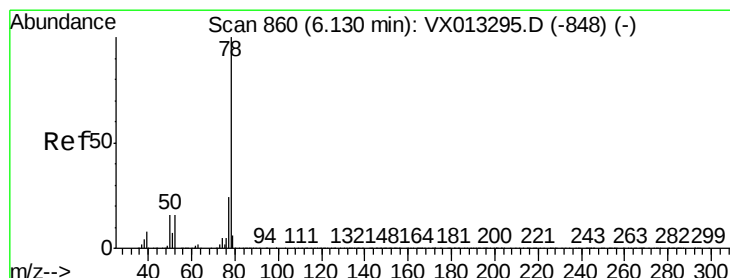
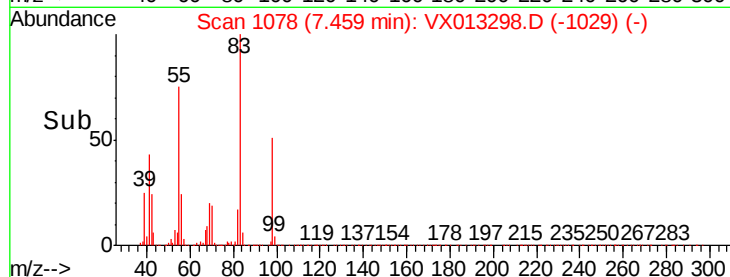
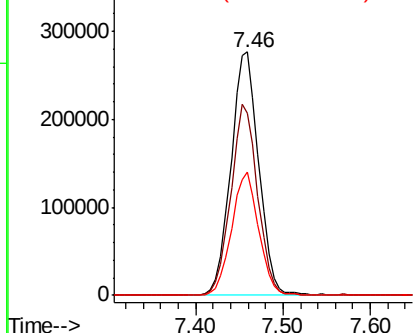
#39
Methvlcvclohexane
Concen: 51.091 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.3	90.5
98	50.8	40.3	60.5

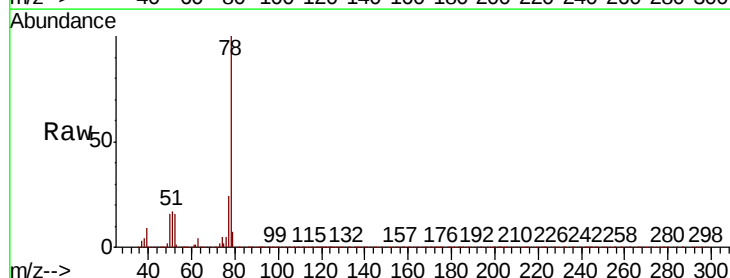


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

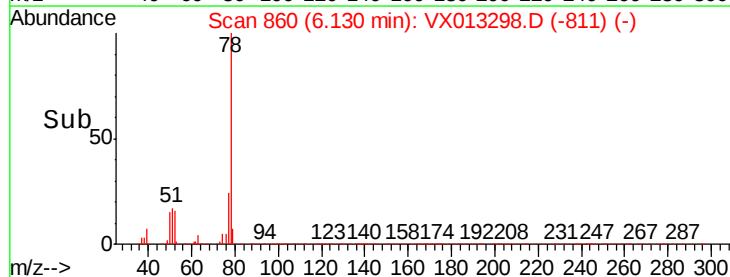
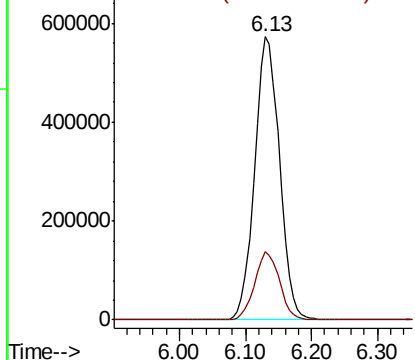


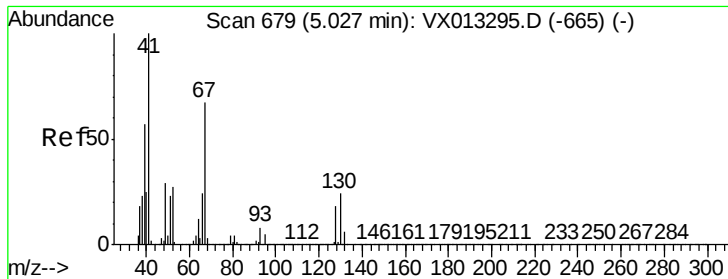
#40
Benzene
Concen: 50.201 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

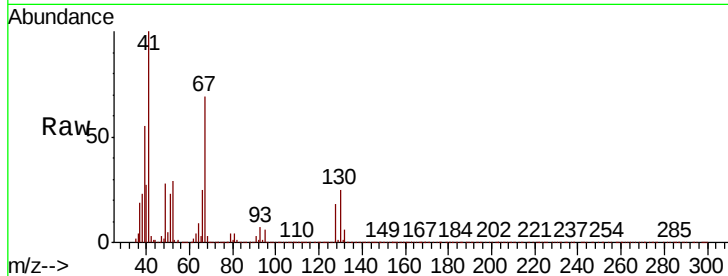




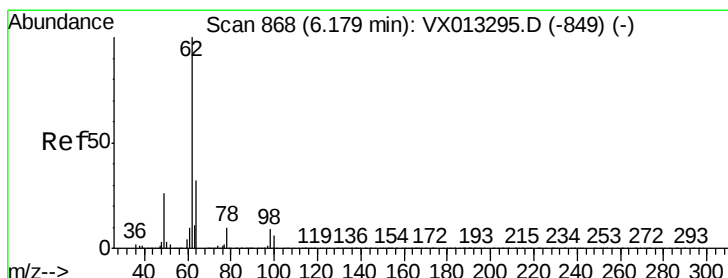
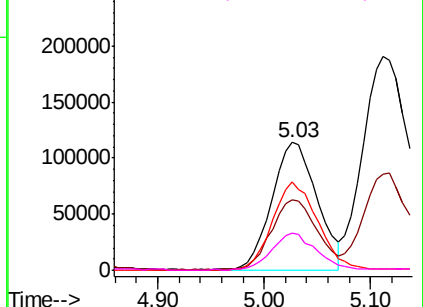
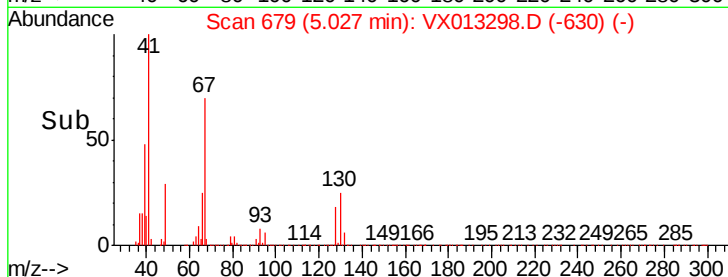
#41
Methacrylonitrile
Concen: 50.362 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tot Ion:	41	Resp:	333823
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.0	67.6
67	69.1	55.4	83.2
52	28.4	23.1	34.7

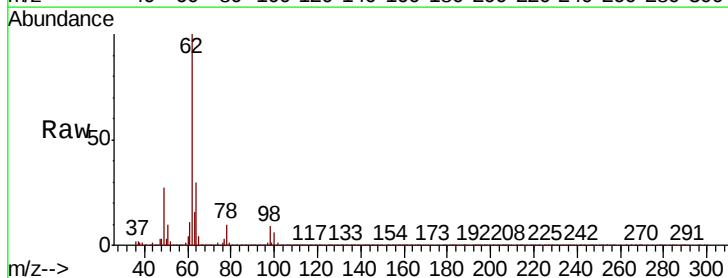


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

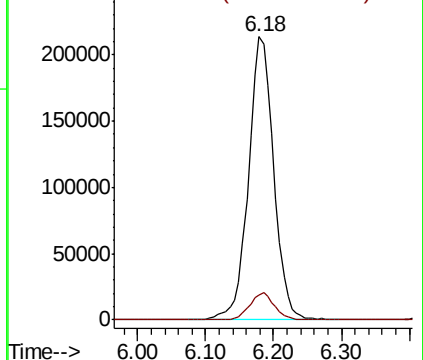
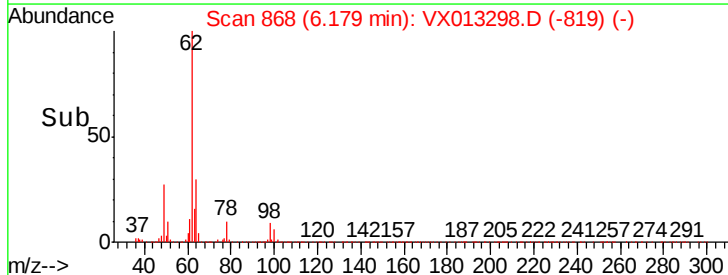


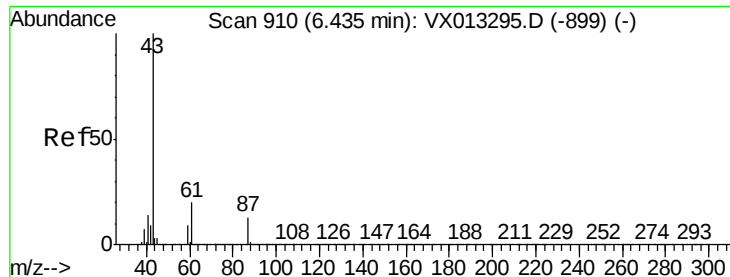
#42
1,2-Dichloroethane
Concen: 51.383 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:	62	Resp:	552532
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



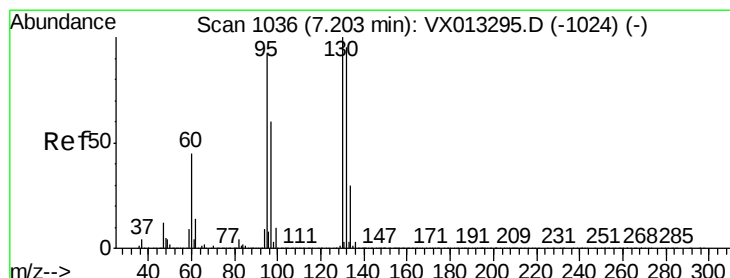
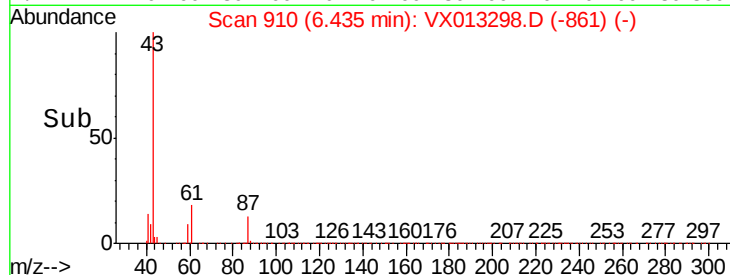
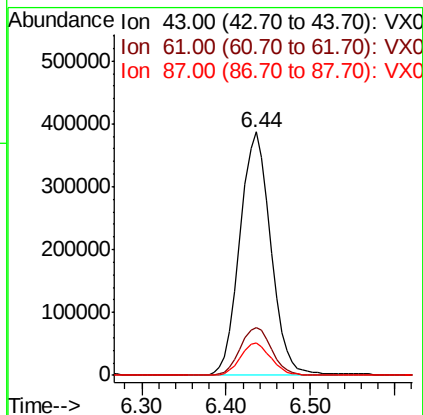
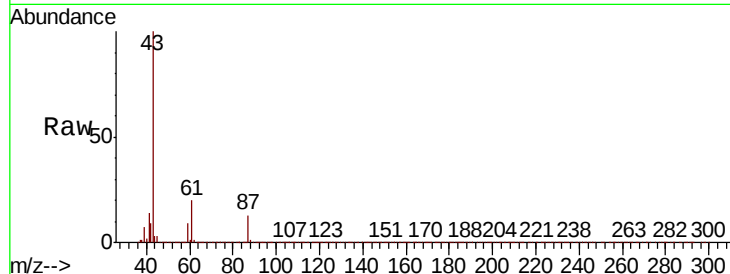


#43

Isopropyl Acetate
 Concen: 52.079 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

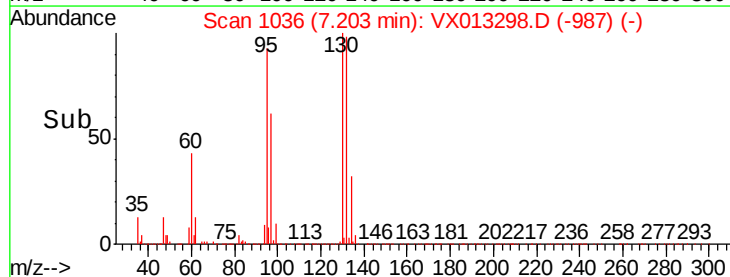
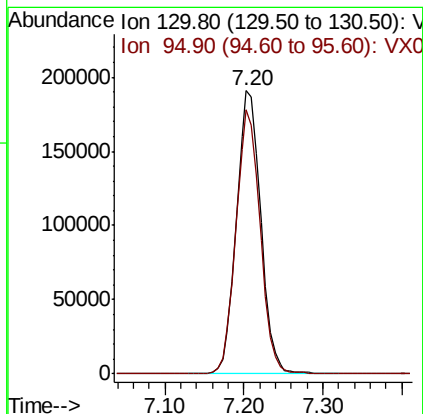
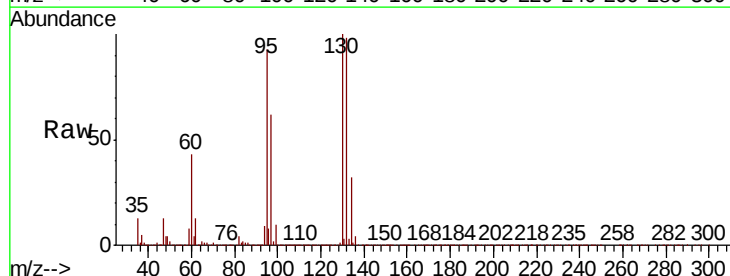
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.0	10.4	15.6

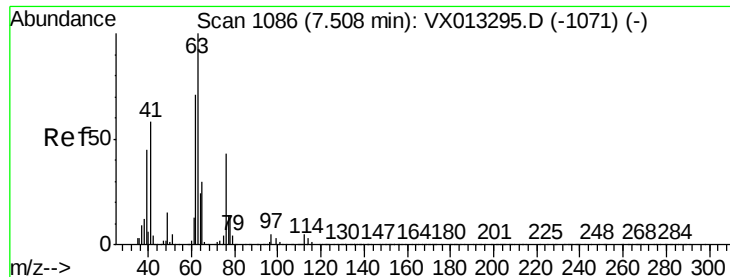


#44

Trichloroethene
 Concen: 49.981 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 50.659 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

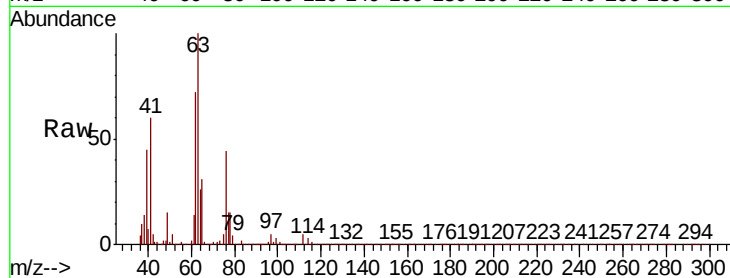
ICVVX103119

Tot Ion: 63 Resp: 384798

Ion Ratio Lower Upper

63 100

65 30.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

200000

150000

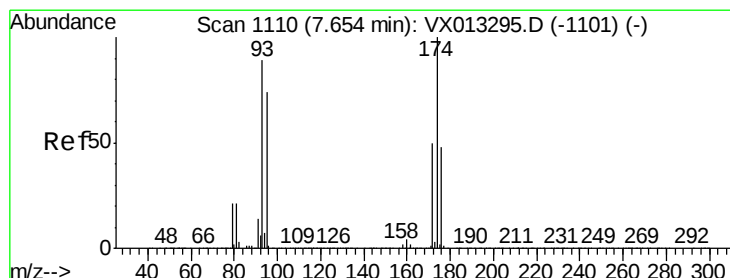
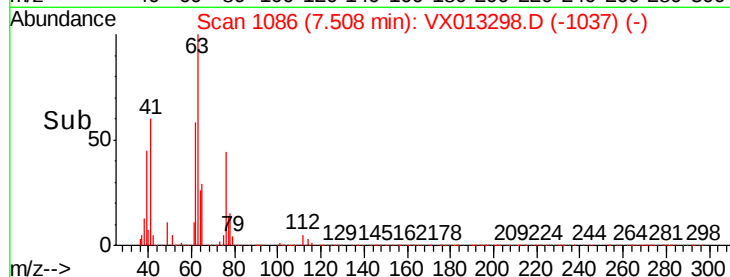
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.907 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

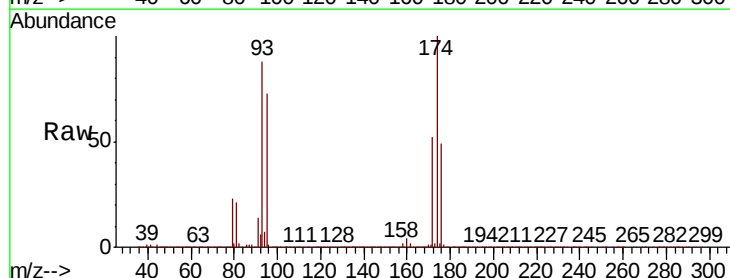
Tgt Ion: 93 Resp: 258834

Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 115.7 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

150000

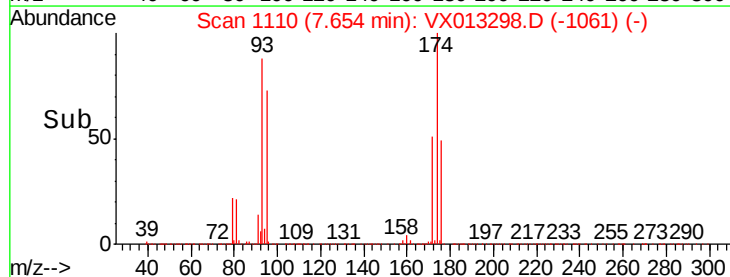
100000

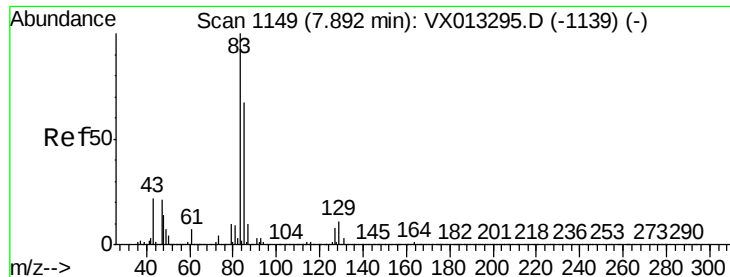
50000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 52.027 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

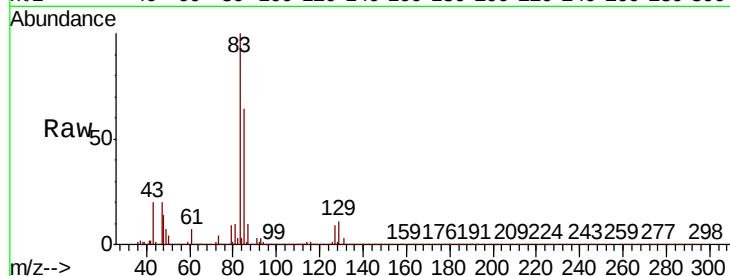
Tot Ion: 83 Resp: 508813

Ion Ratio Lower Upper

83 100

85 64.1 53.7 80.5

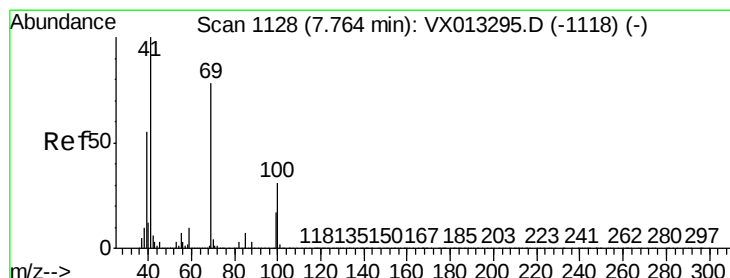
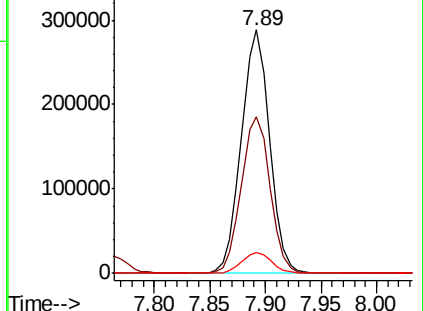
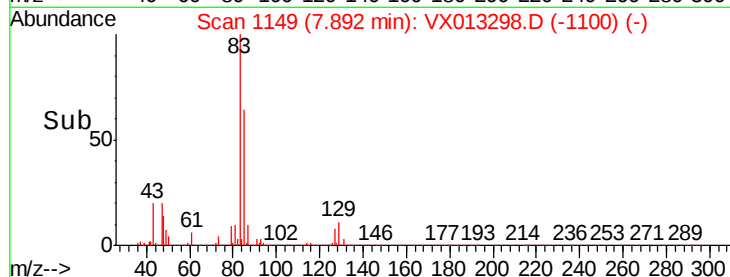
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.649 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

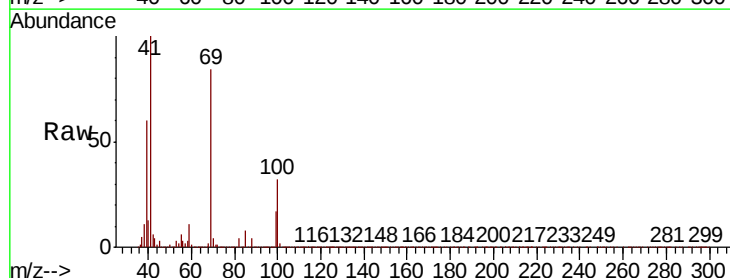
Tgt Ion: 41 Resp: 483972

Ion Ratio Lower Upper

41 100

69 80.8 63.0 94.6

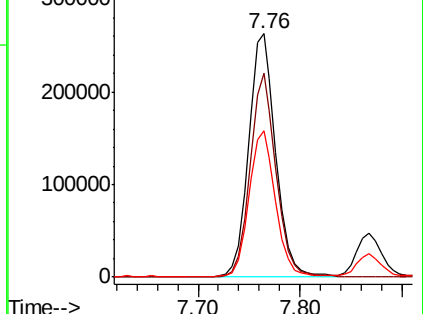
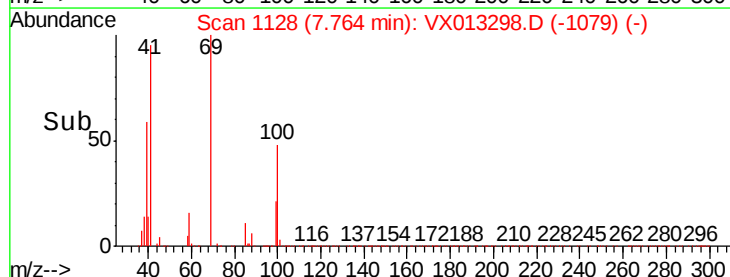
39 59.1 45.9 68.9

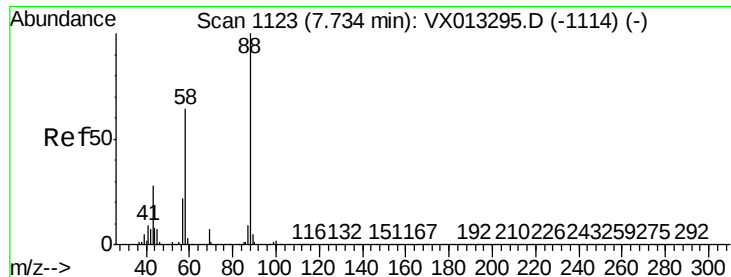


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 987.030 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

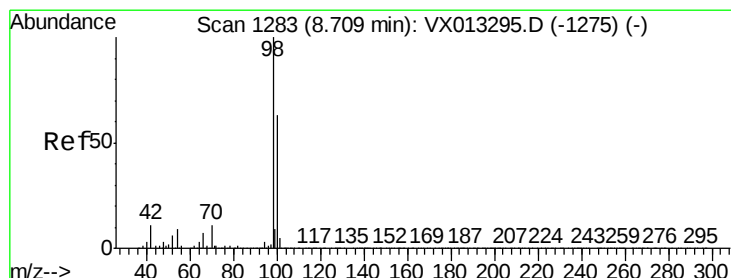
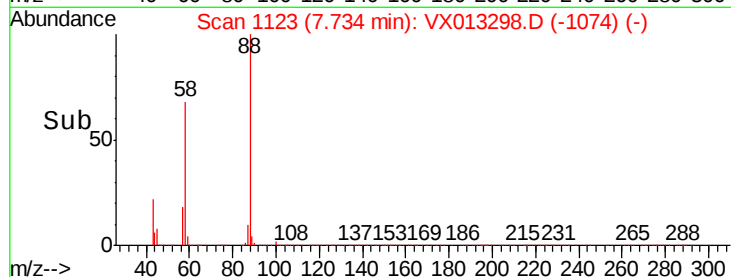
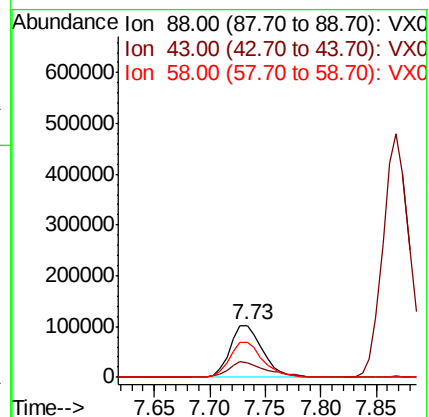
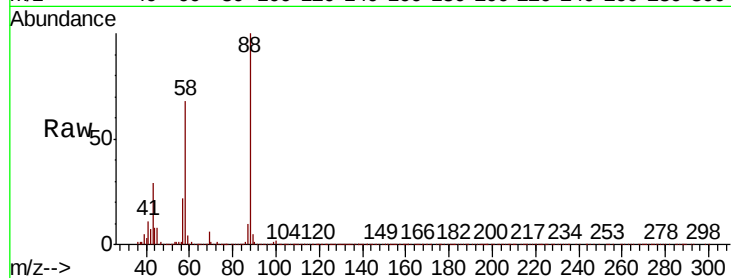
MSVOA_X

ClientSampleId :

ICVVX103119

Tot Ion: 88 Resp: 207785

Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.6	39.8
58	69.5	55.0	82.6



#50

Toluene-d8

Concen: 50.427 ug/l

RT: 8.71 min Scan# 1283

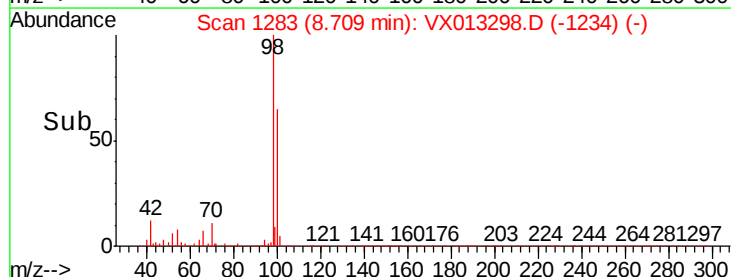
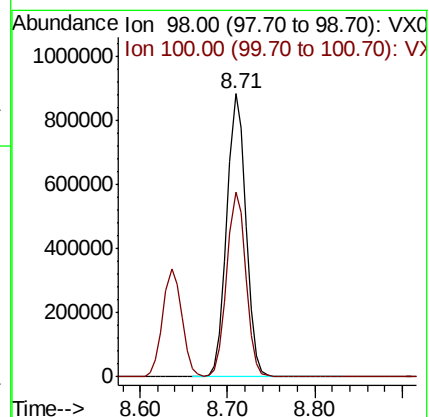
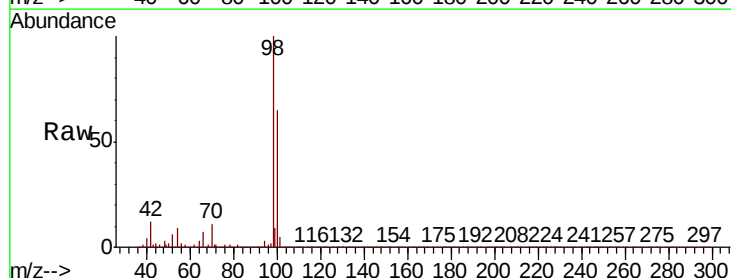
Delta R.T. 0.00 min

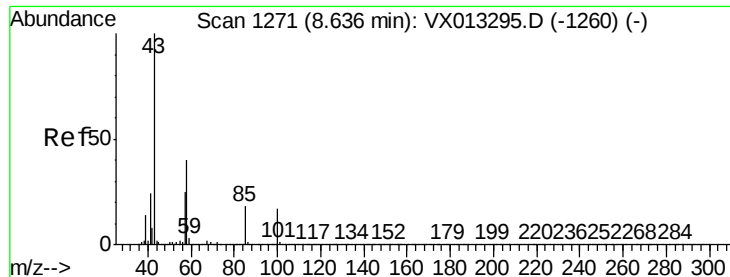
Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion: 98 Resp: 1330203

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 256.555 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

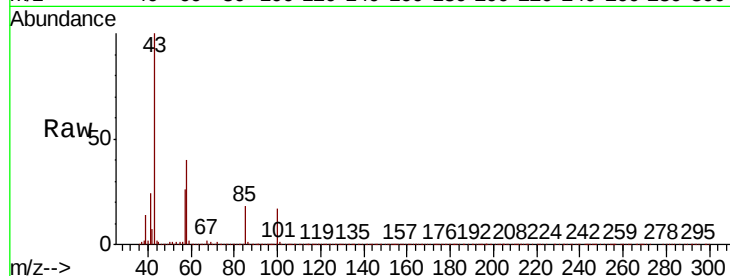
ICVVX103119

Tot Ion: 43 Resp: 3099667

Ion Ratio Lower Upper

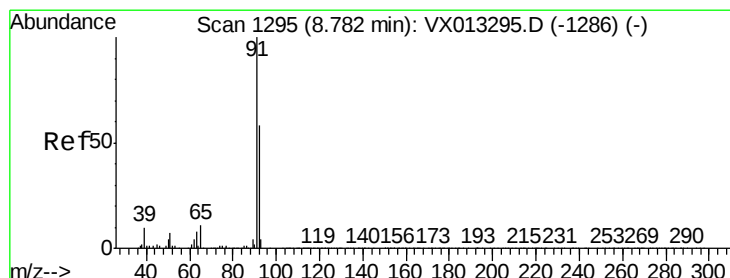
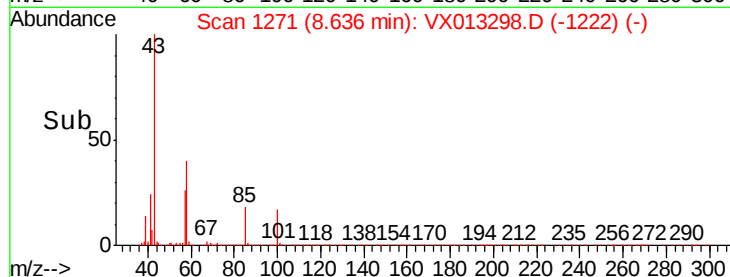
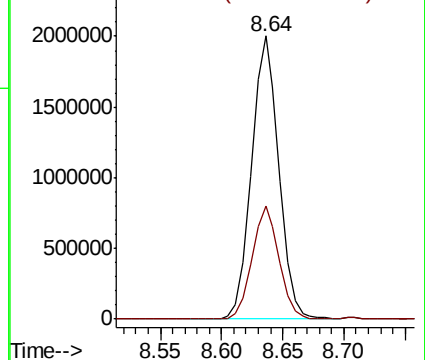
43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.053 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013298.D

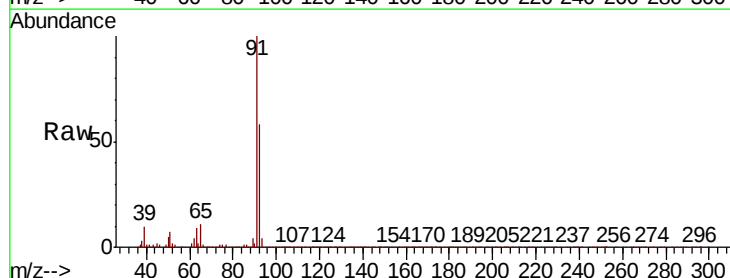
Acq: 31 Oct 2019 18:39

Tgt Ion: 92 Resp: 943320

Ion Ratio Lower Upper

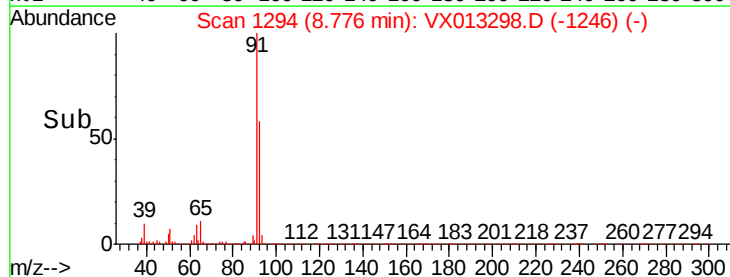
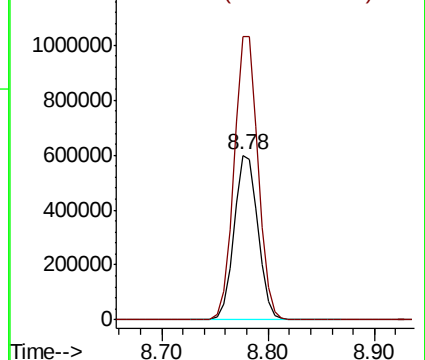
92 100

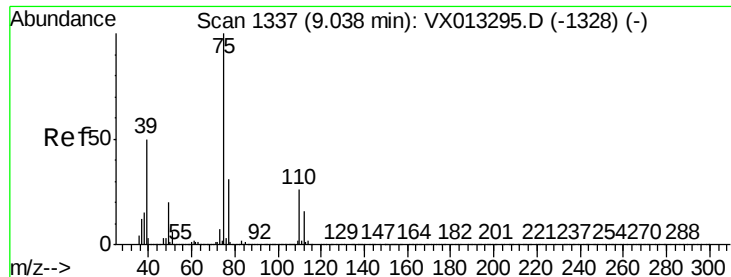
91 172.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.189 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

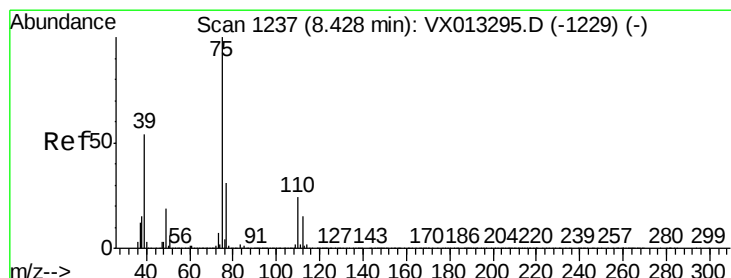
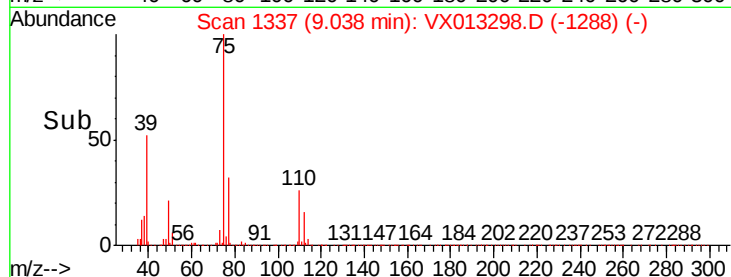
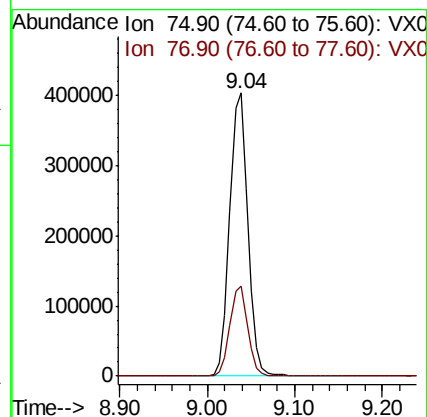
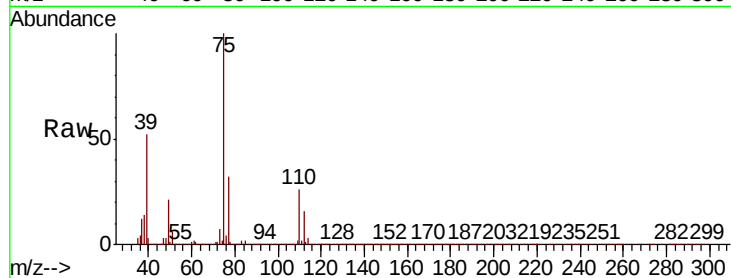
ICVVX103119

Tot Ion: 75 Resp: 579507

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.785 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

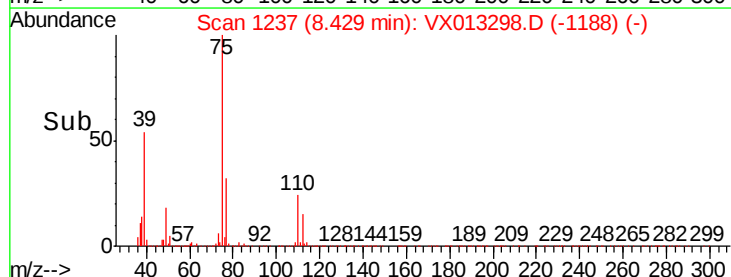
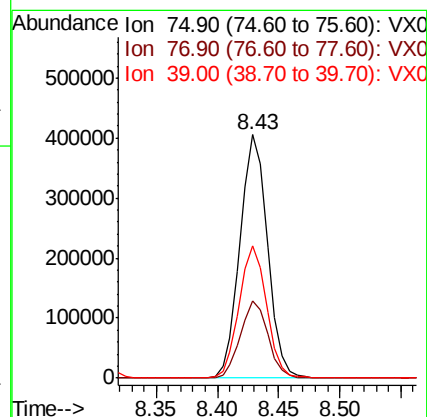
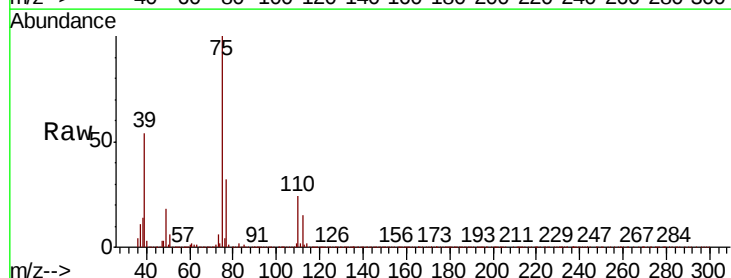
Tgt Ion: 75 Resp: 631439

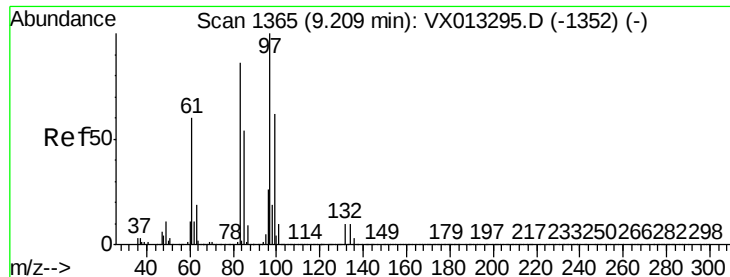
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 54.2 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 50.362 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tot Ion: 97 Resp: 385704

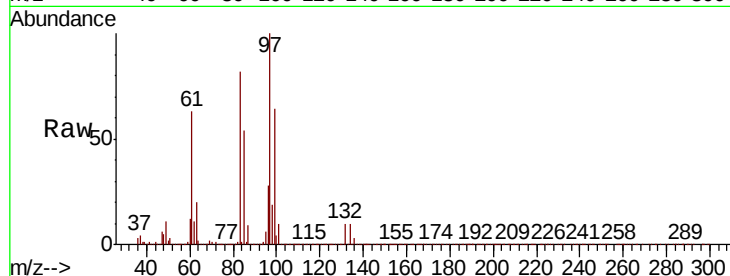
Ion Ratio Lower Upper

97 100

83 82.2 68.6 103.0

85 54.2 43.1 64.7

99 64.4 49.4 74.0

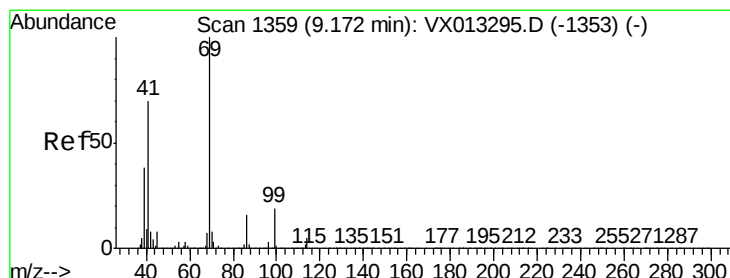
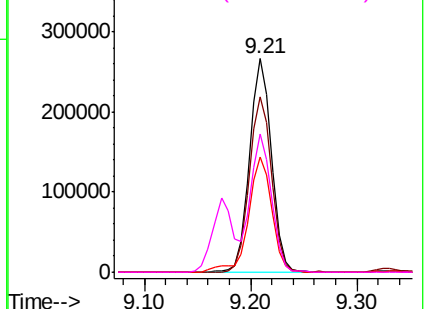
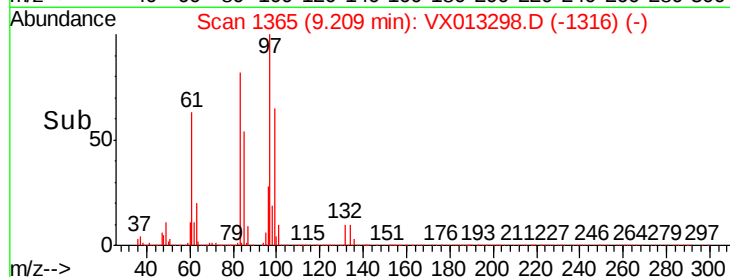


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.700 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

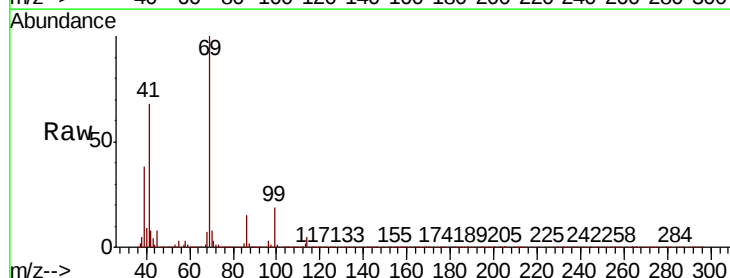
Tgt Ion: 69 Resp: 636189

Ion Ratio Lower Upper

69 100

41 69.1 56.2 84.2

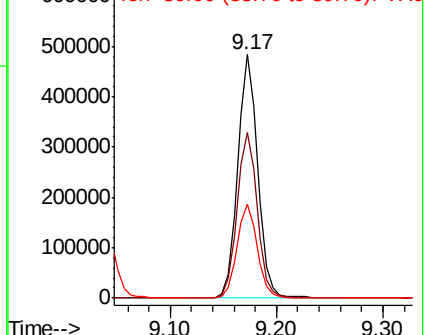
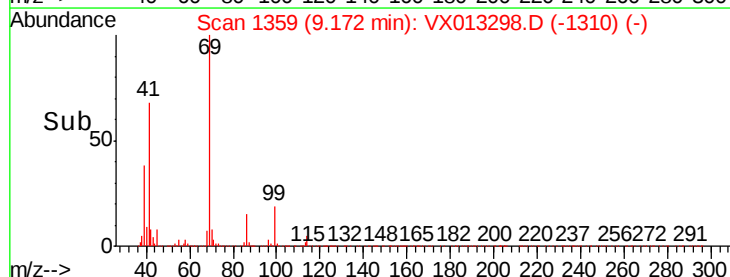
39 38.8 31.1 46.7

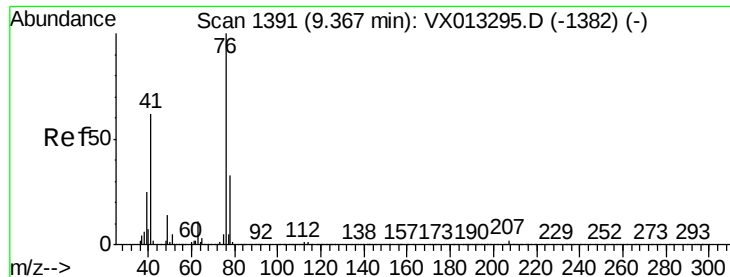


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.919 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

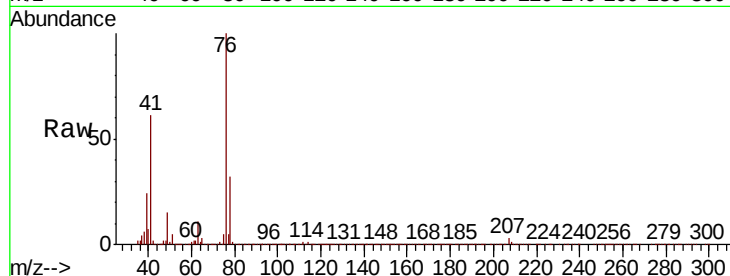
ICVVX103119

Tot Ion: 76 Resp: 648980

Ion Ratio Lower Upper

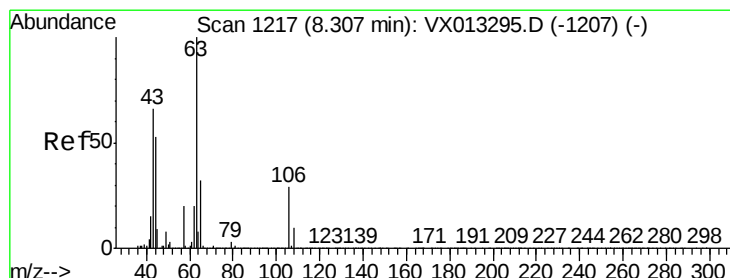
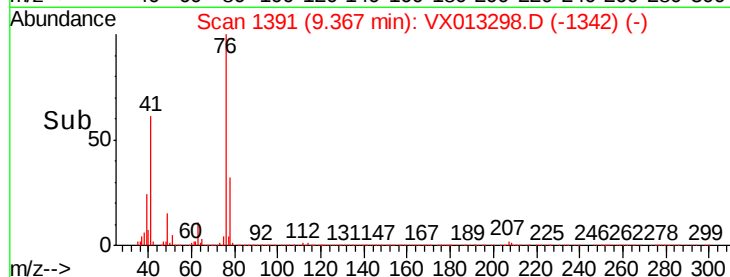
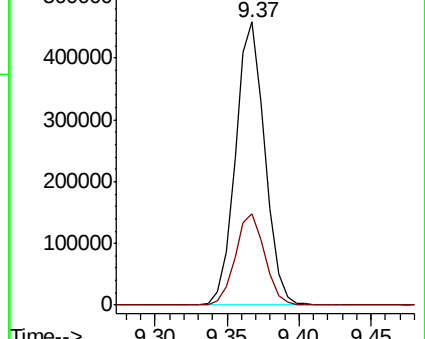
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.391 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013298.D

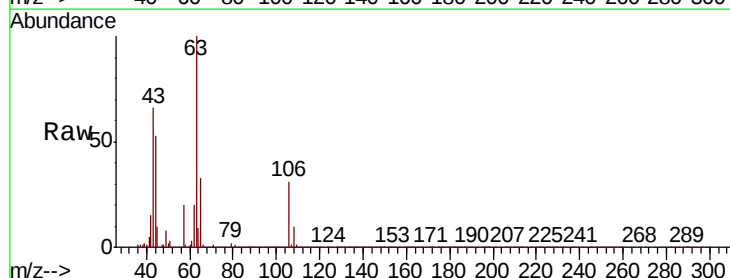
Acq: 31 Oct 2019 18:39

Tgt Ion: 63 Resp: 1400210

Ion Ratio Lower Upper

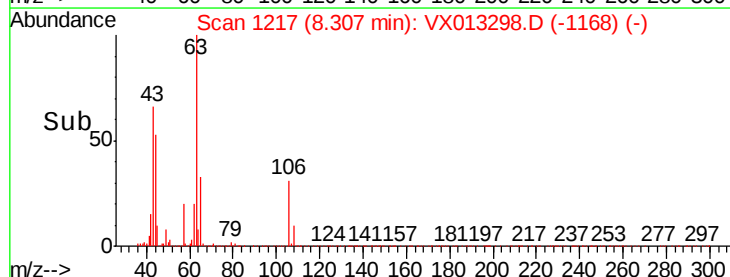
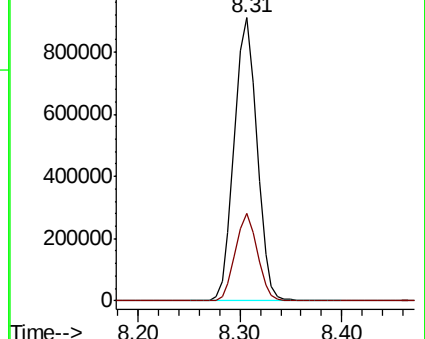
63 100

106 30.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 259.854 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

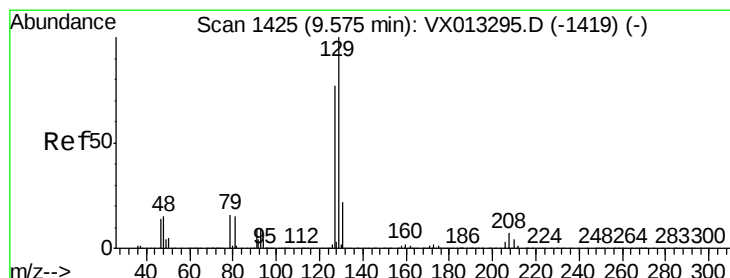
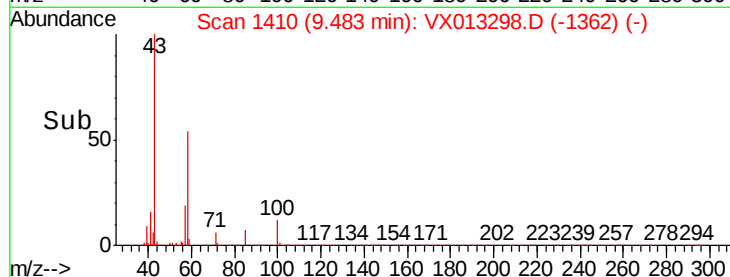
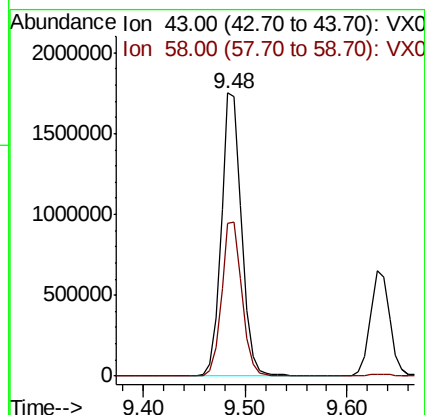
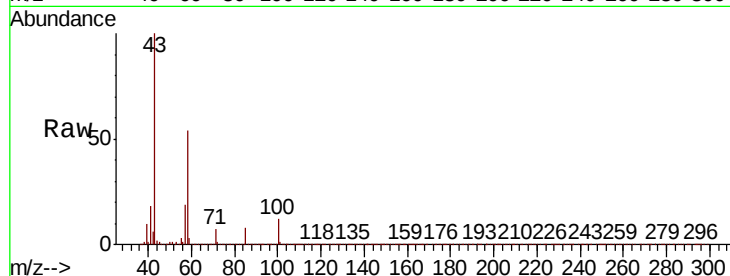
ICVVX103119

Tot Ion: 43 Resp: 2426155

Ion Ratio Lower Upper

43 100

58 54.7 27.3 81.8



#60

Dibromochloromethane

Concen: 53.657 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013298.D

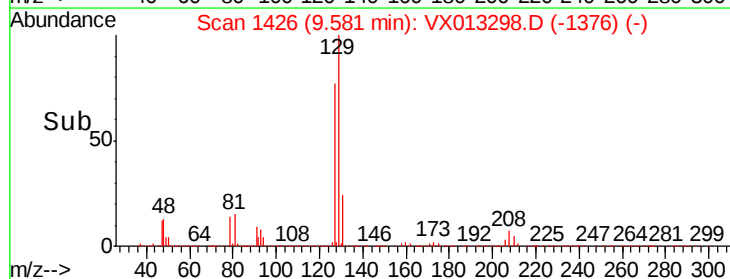
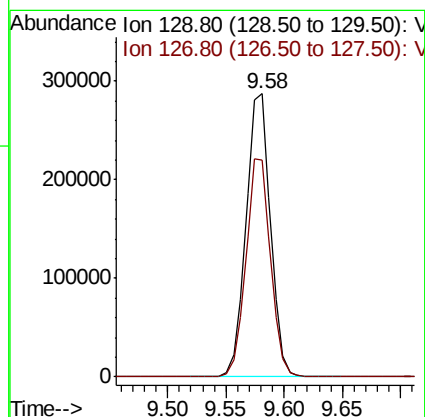
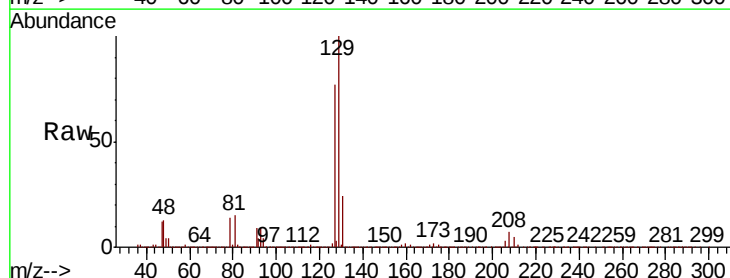
Acq: 31 Oct 2019 18:39

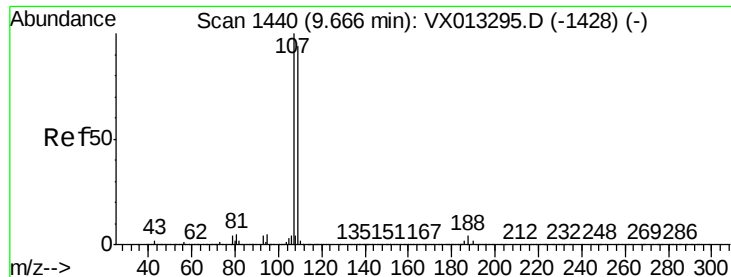
Tgt Ion:129 Resp: 420276

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.067 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

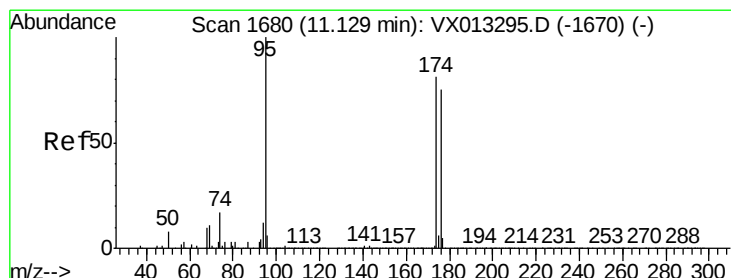
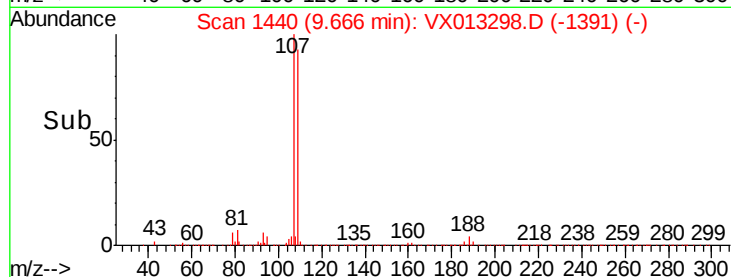
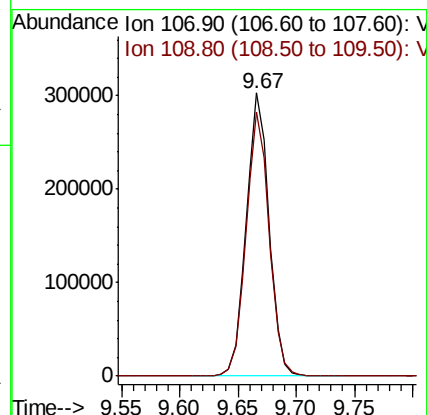
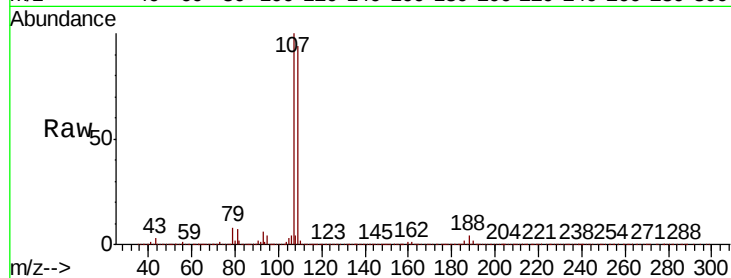
ICVVX103119

Tot Ion:107 Resp: 415297

Ion Ratio Lower Upper

107 100

109 94.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.484 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

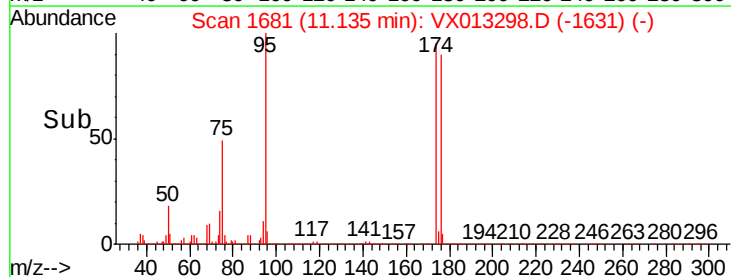
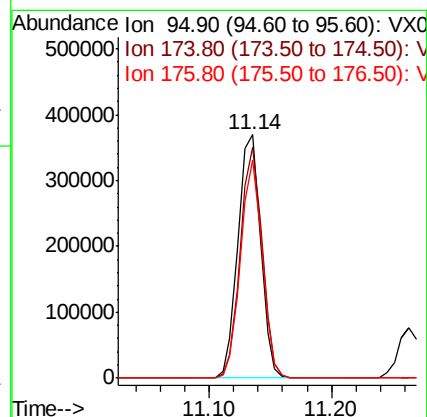
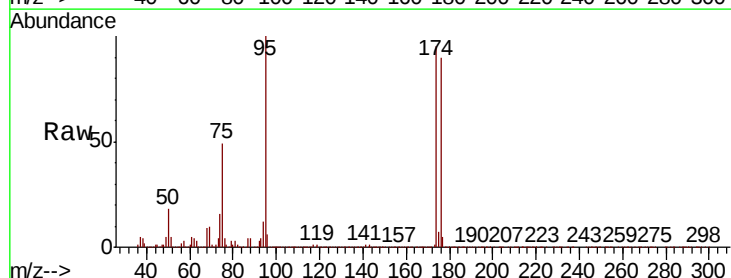
Tgt Ion: 95 Resp: 471101

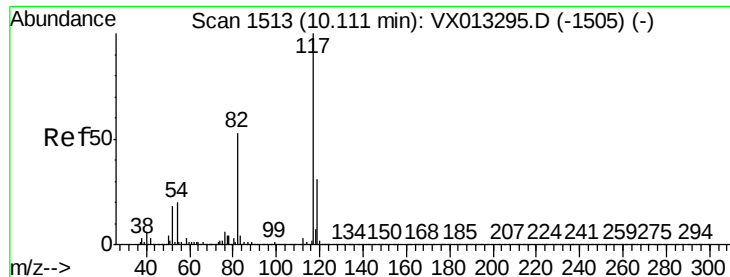
Ion Ratio Lower Upper

95 100

174 91.9 0.0 179.8

176 86.1 0.0 173.0

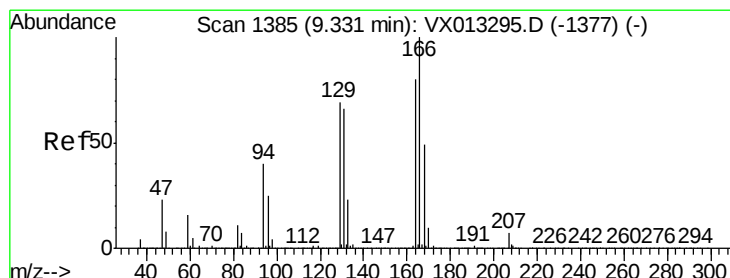
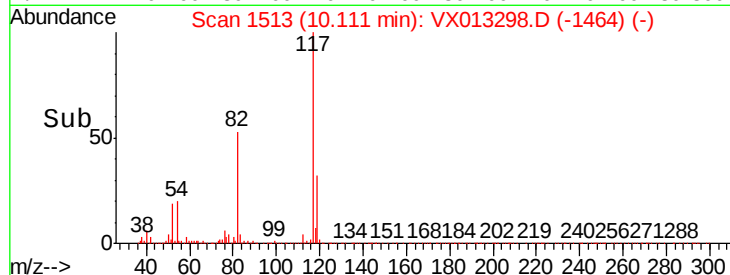
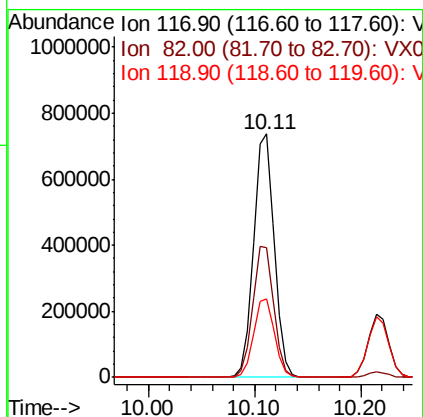
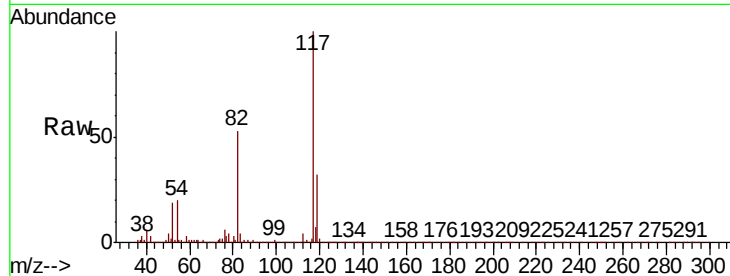




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

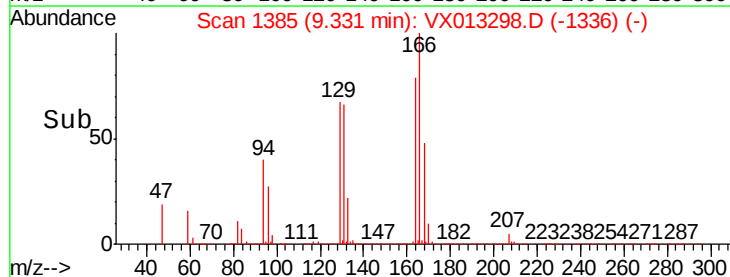
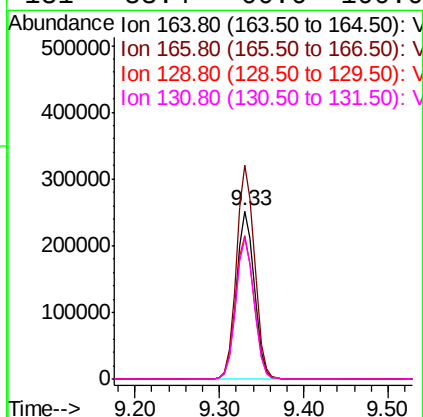
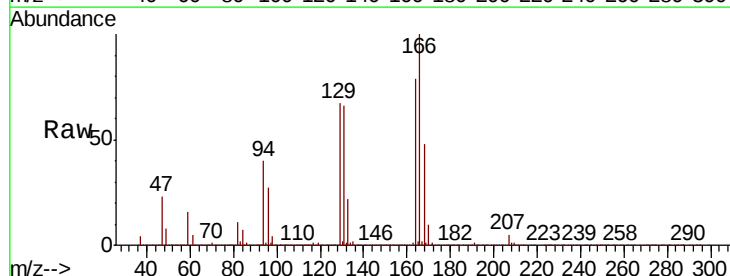
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

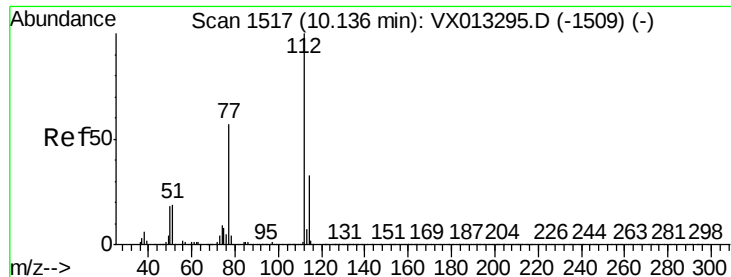
Tot Ion:117 Resp: 1006064
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 49.900 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:164 Resp: 359387
Ion Ratio Lower Upper
164 100
166 126.8 100.4 150.6
129 85.3 69.4 104.2
131 83.4 66.6 100.0

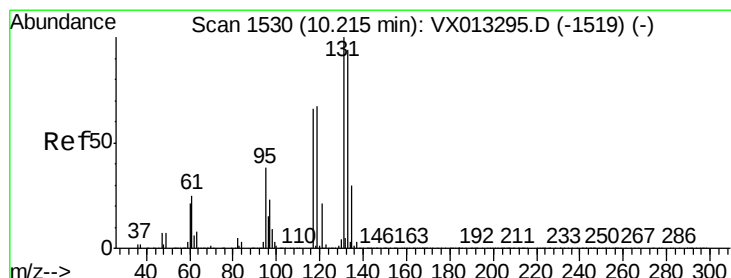
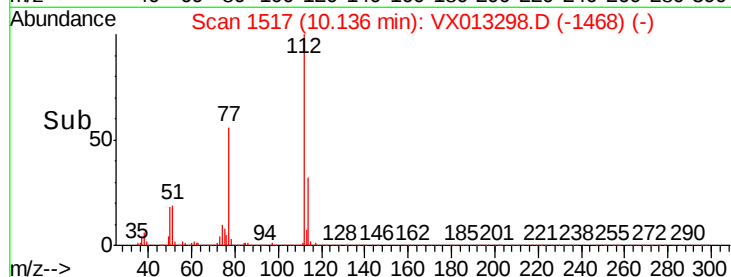
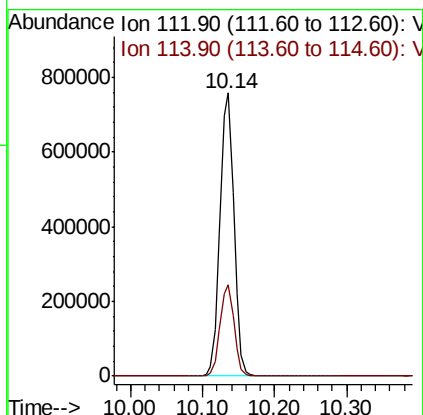
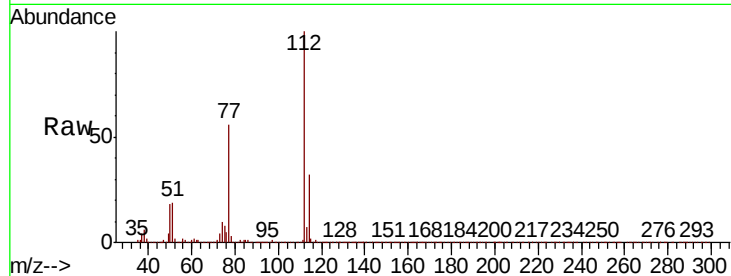




#65
Chlorobenzene
Concen: 49.907 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

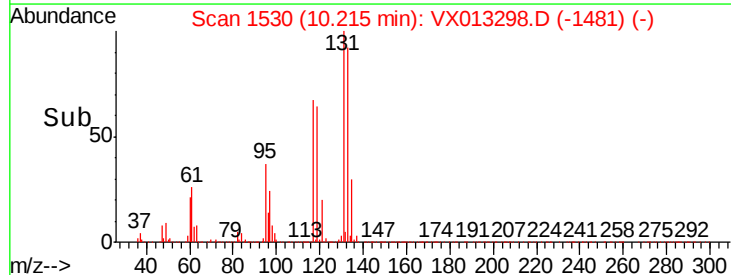
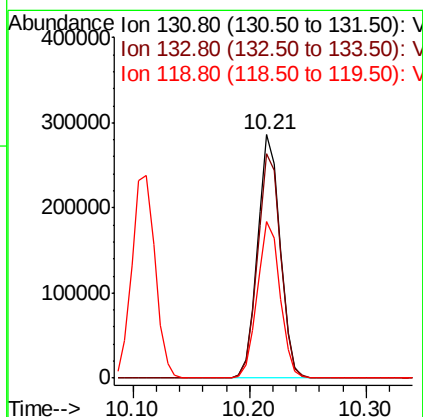
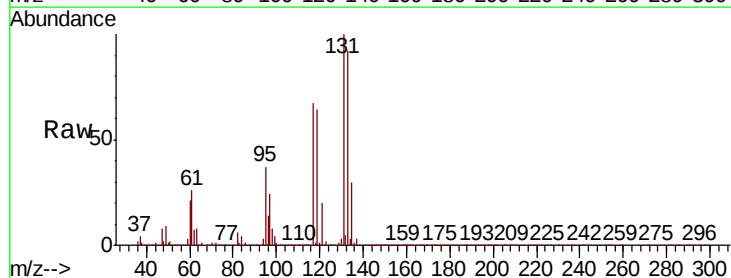
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

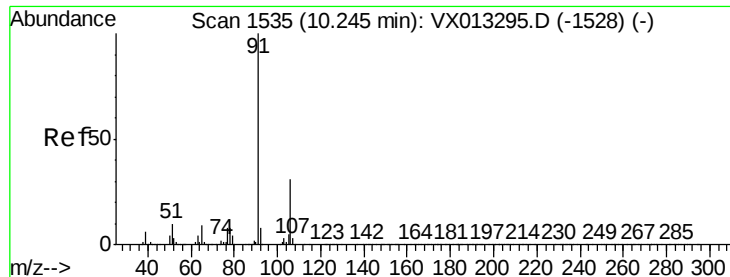
Tot Ion:112 Resp: 1016525
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.838 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:131 Resp: 387682
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 64.8 33.0 99.0

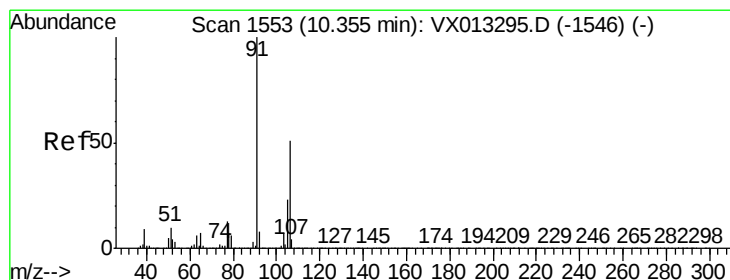
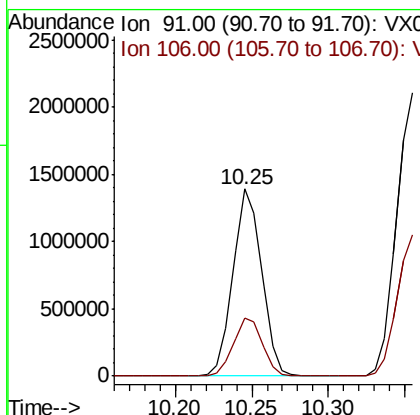
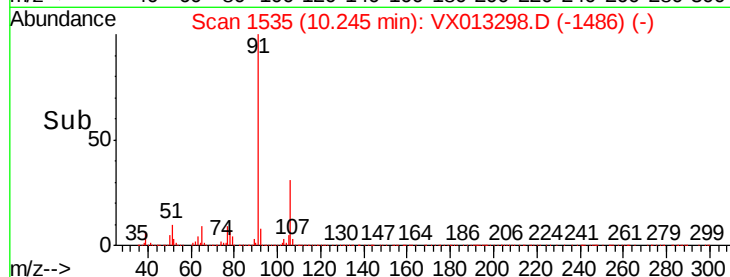
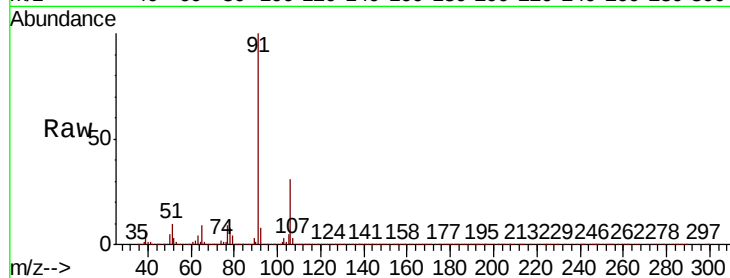




#67
Ethyl Benzene
Concen: 51.446 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

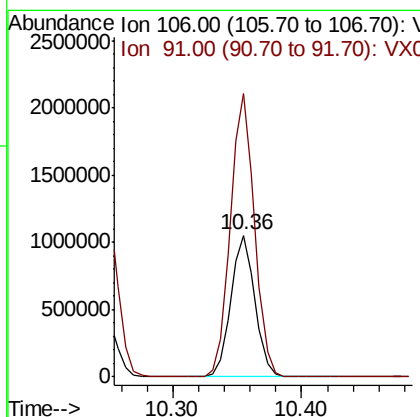
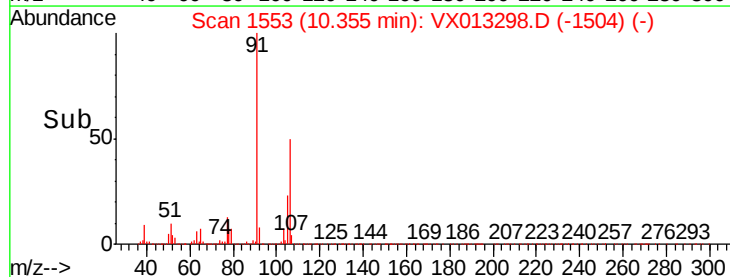
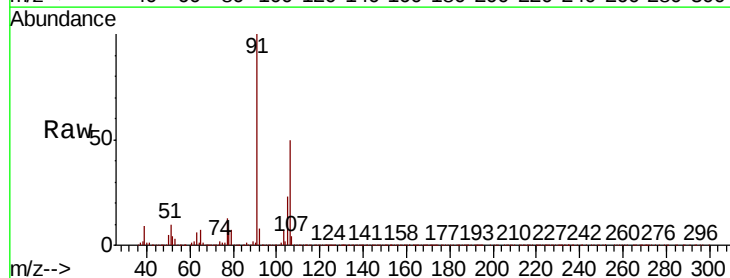
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

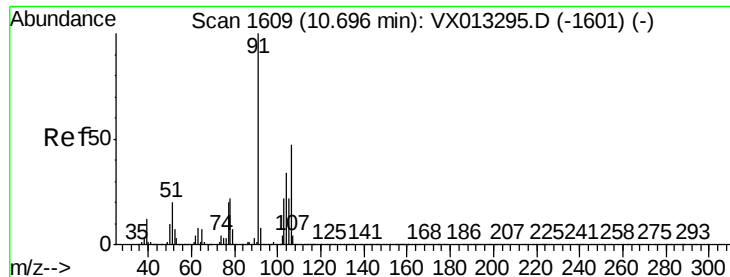
Tot Ion: 91 Resp: 1808514
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 103.041 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 106 Resp: 1369905
Ion Ratio Lower Upper
106 100
91 201.3 159.3 238.9

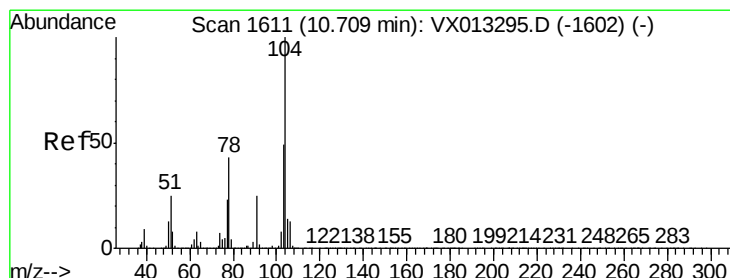
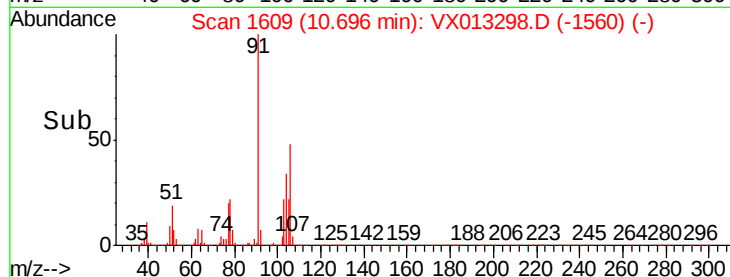
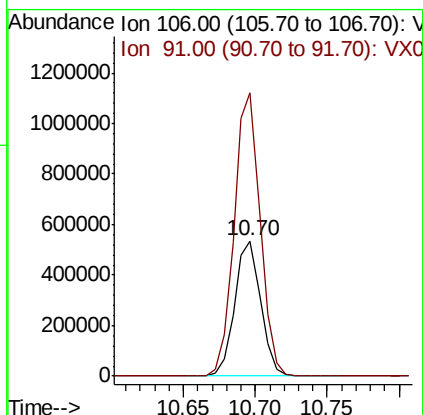
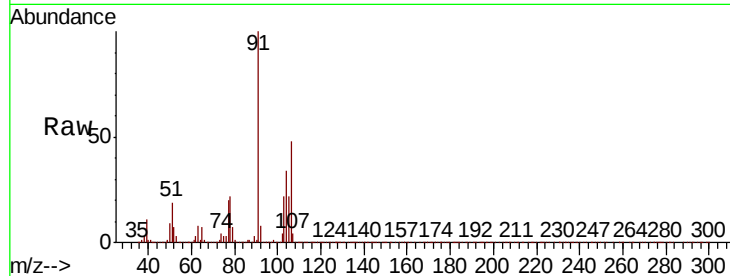




#69
o-Xylene
Concen: 51.758 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

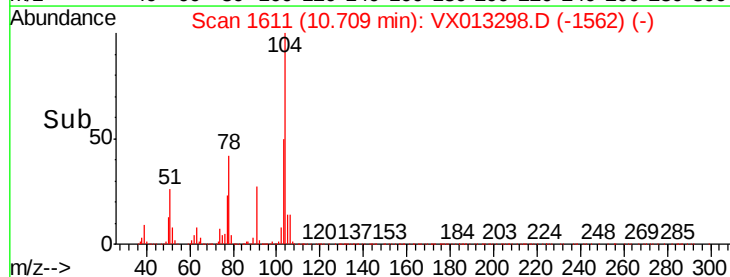
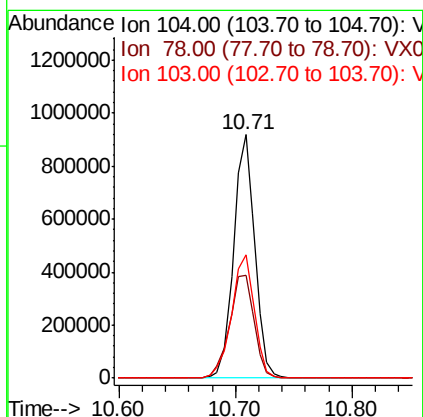
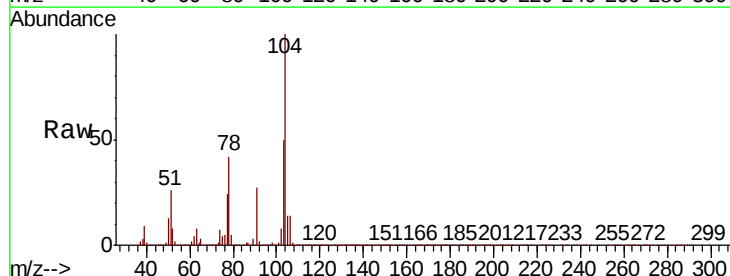
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

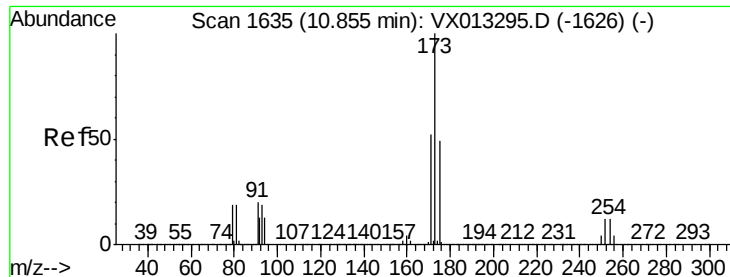
Tot Ion:106 Resp: 673674
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.0



#70
Styrene
Concen: 53.159 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:104 Resp: 1156627
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 55.0 44.1 66.1

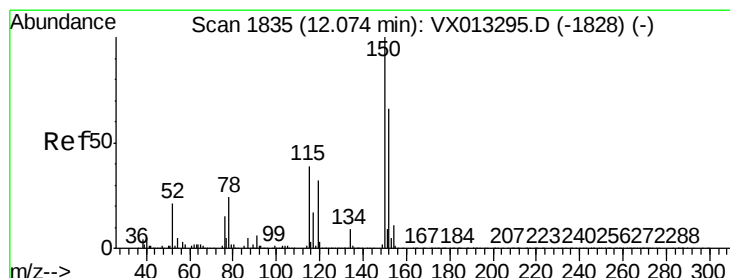
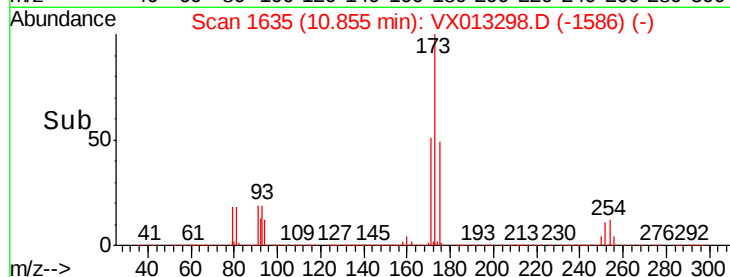
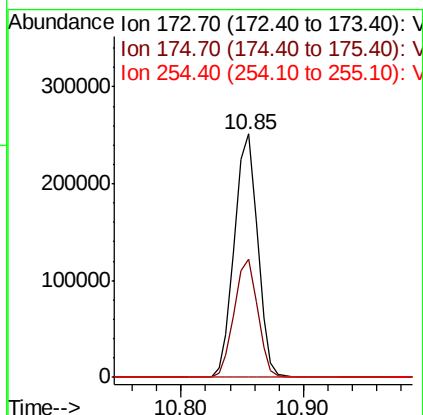
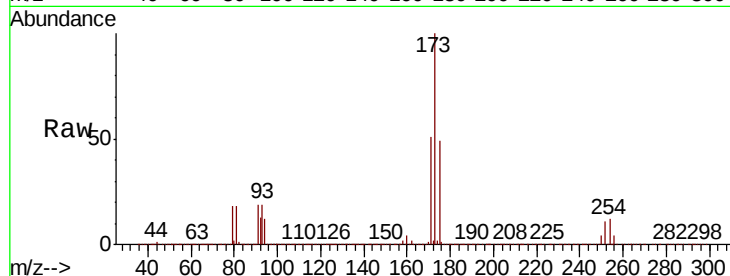




#71
Bromoform
Concen: 47.843 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

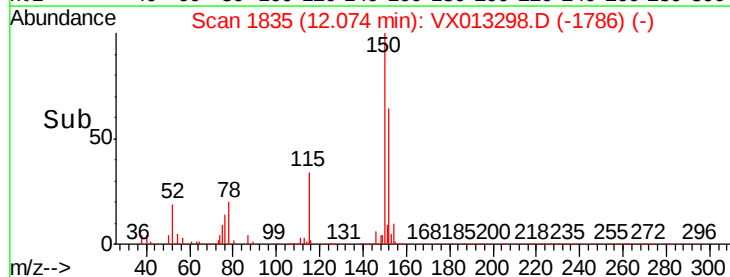
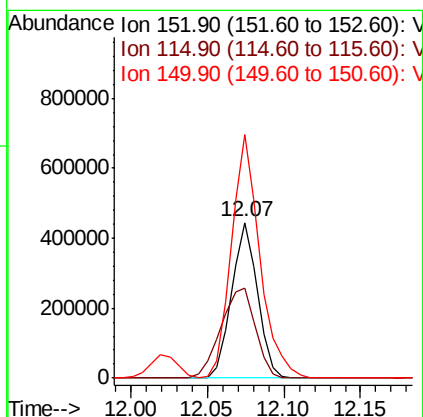
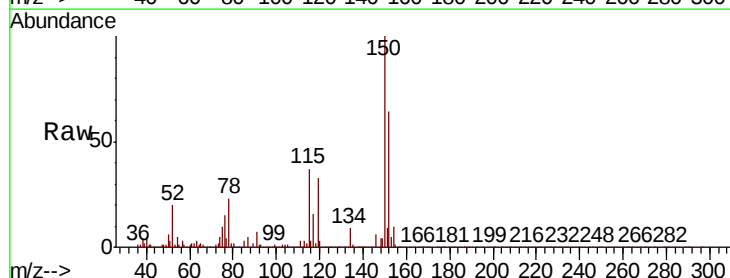
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

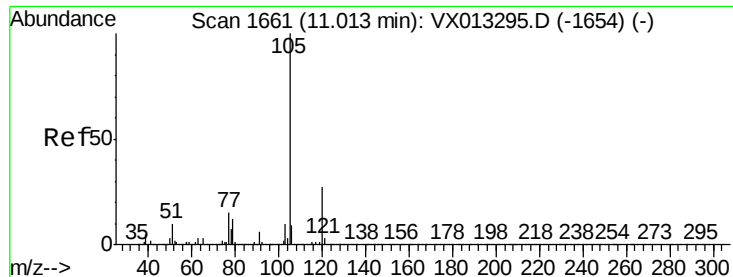
Tot Ion:173 Resp: 330732
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.4
254 0.4 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:152 Resp: 518950
Ion Ratio Lower Upper
152 100
115 77.7 39.5 118.3
150 172.4 0.0 344.4





#73

Isopropylbenzene

Concen: 51.718 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

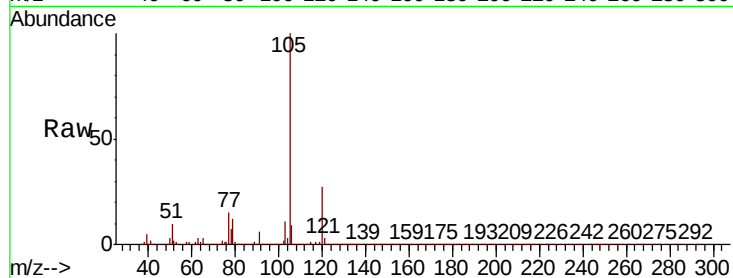
ICVVX103119

Tot Ion:105 Resp: 1779453

Ion Ratio Lower Upper

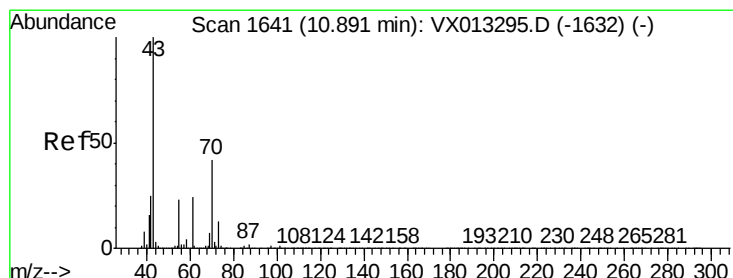
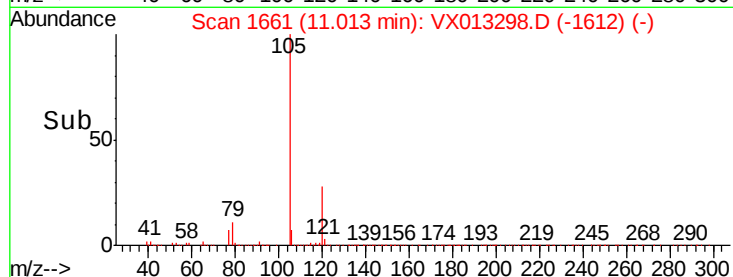
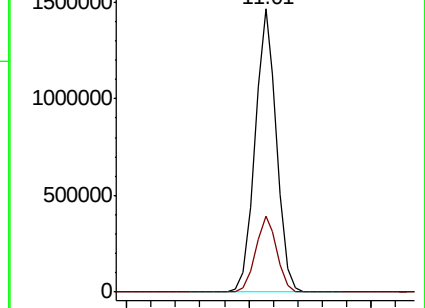
105 100

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



#74

N-ethyl acetate

Concen: 54.455 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion: 43 Resp: 868847

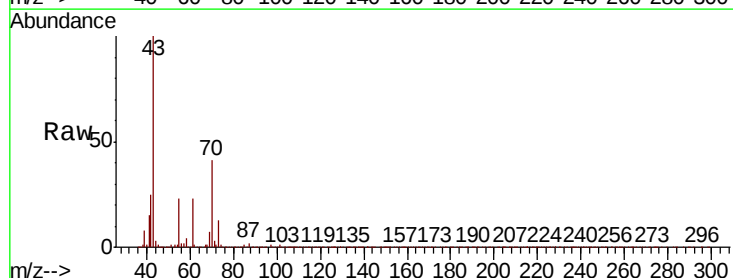
Ion Ratio Lower Upper

43 100

70 42.5 34.1 51.1

55 23.1 18.9 28.3

61 24.4 19.2 28.8

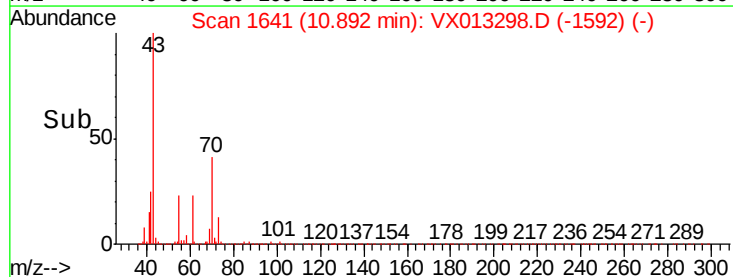
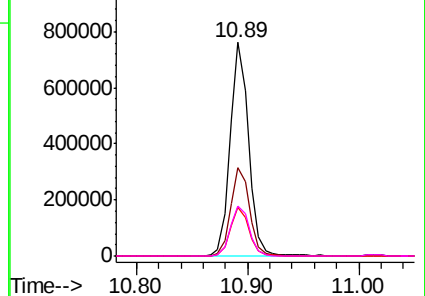


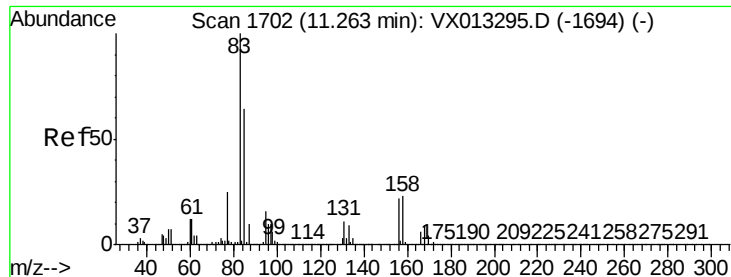
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.151 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

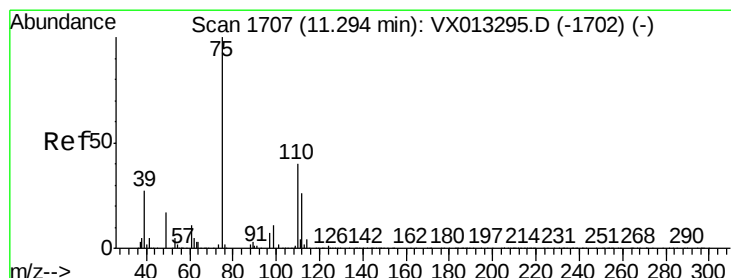
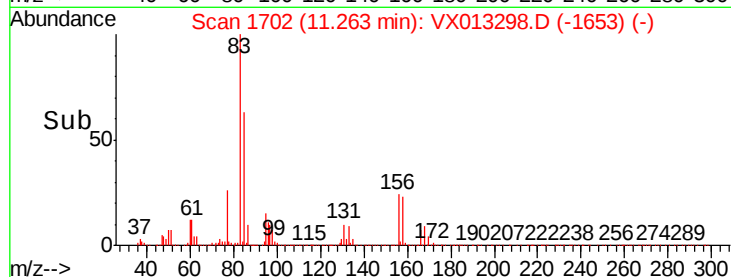
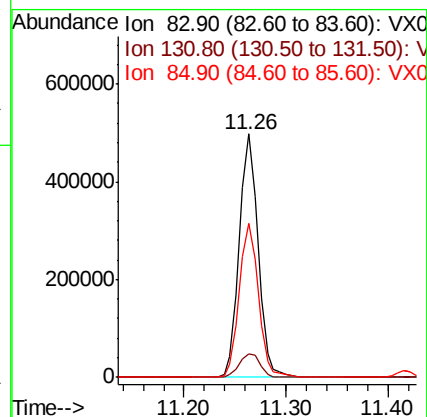
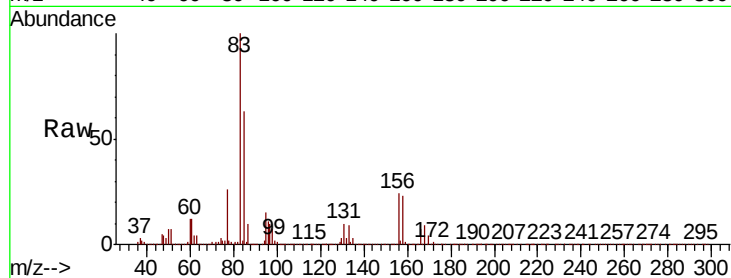
Tot Ion: 83 Resp: 629510

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 69.484 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013298.D

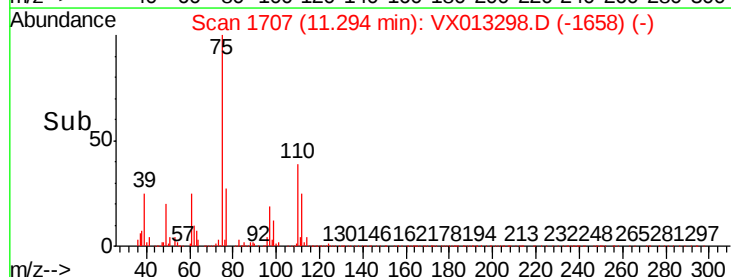
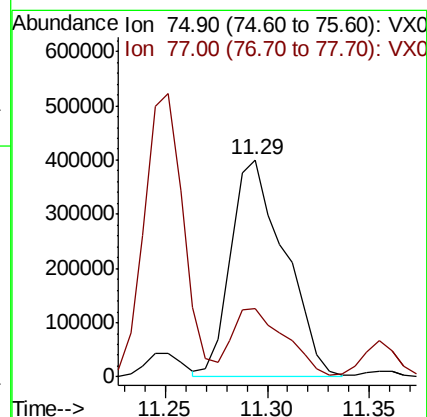
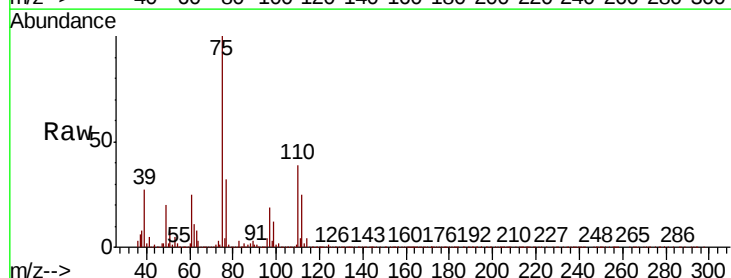
Acq: 31 Oct 2019 18:39

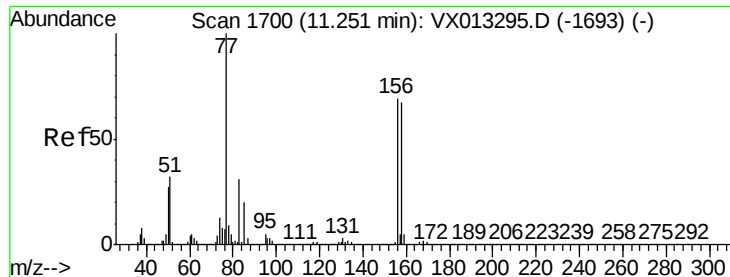
Tgt Ion: 75 Resp: 732404

Ion Ratio Lower Upper

75 100

77 30.7 22.3 66.8





#77

Bromobenzene

Concen: 51.116 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

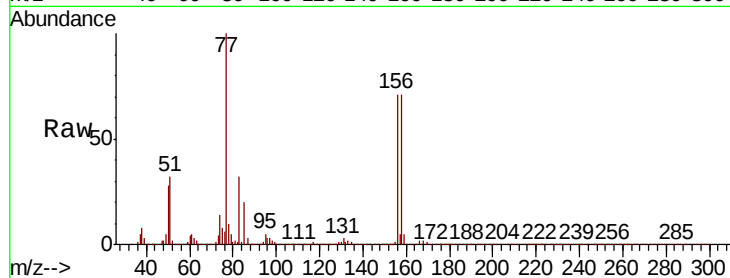
Tot Ion:156 Resp: 468866

Ion Ratio Lower Upper

156 100

77 148.8 75.8 227.4

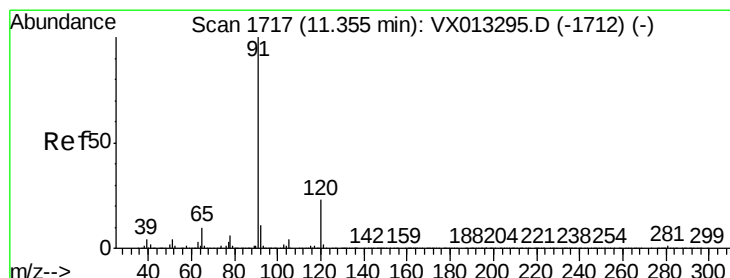
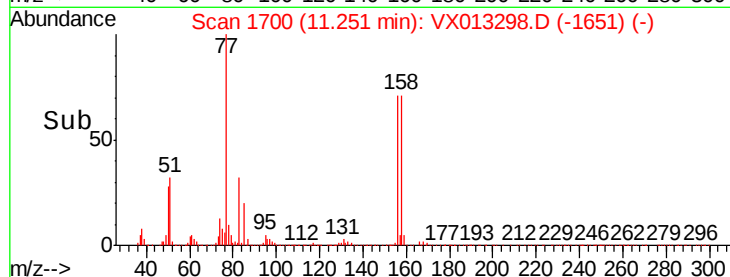
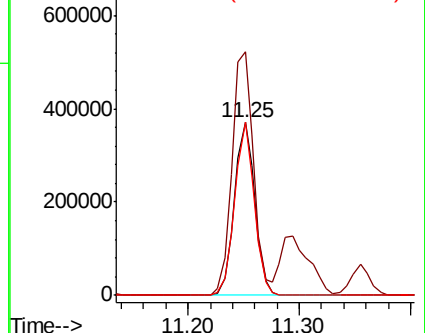
158 96.2 47.6 142.8



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: 52.604 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013298.D

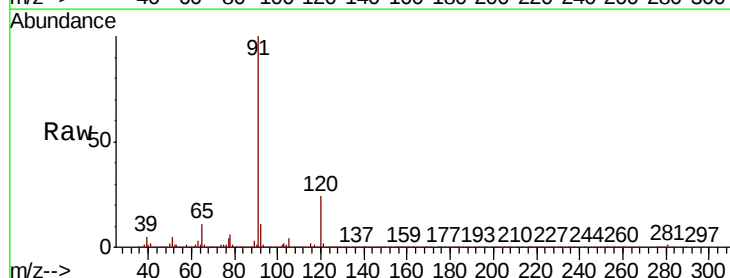
Acq: 31 Oct 2019 18:39

Tgt Ion: 91 Resp: 2016166

Ion Ratio Lower Upper

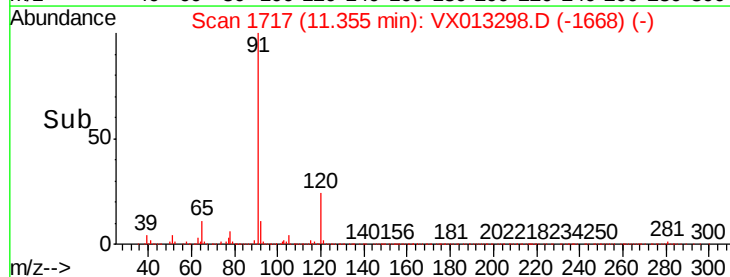
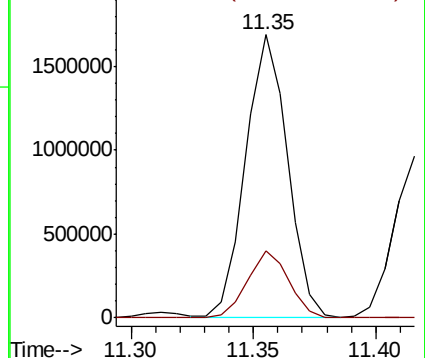
91 100

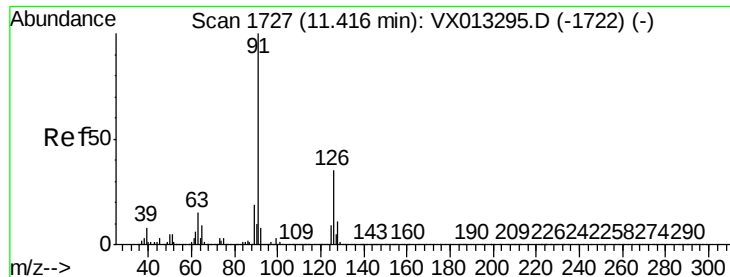
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

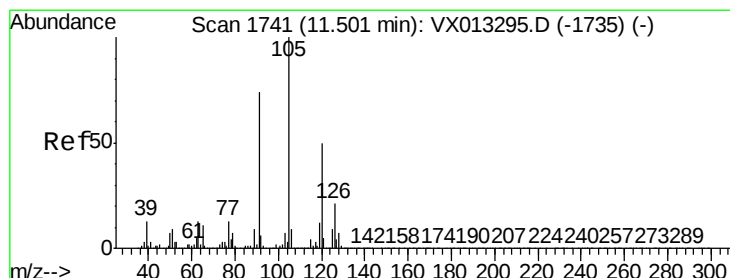
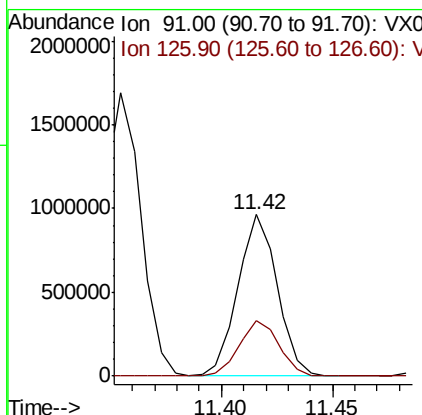
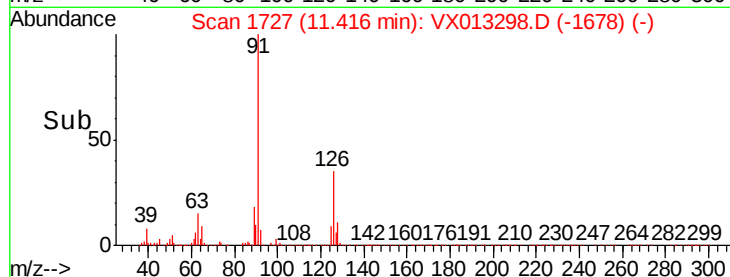
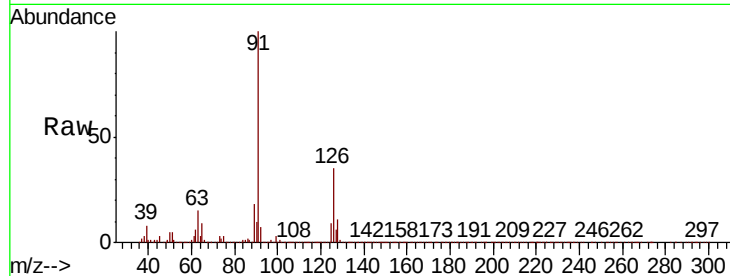




#79
2-Chlorotoluene
Concen: 51.277 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

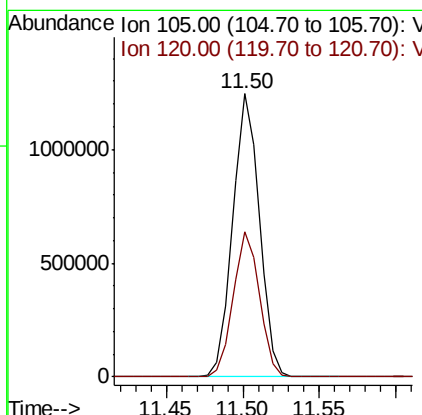
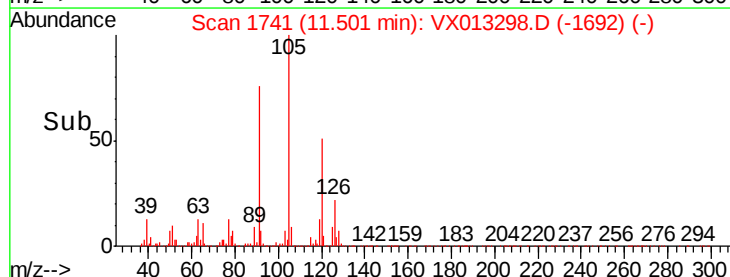
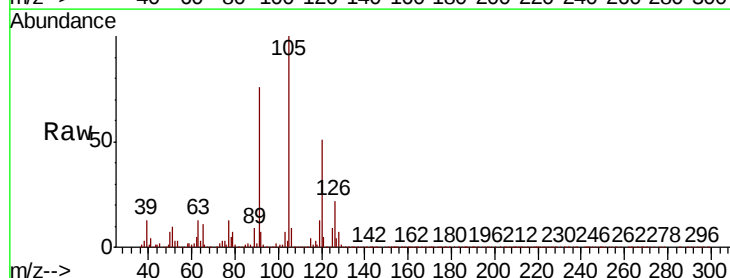
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

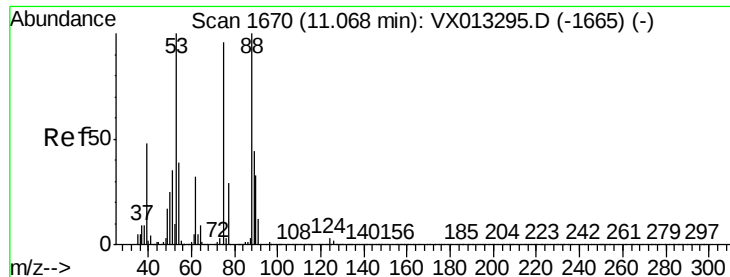
Tot Ion: 91 Resp: 1184099
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 52.307 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 105 Resp: 1499080
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.289 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

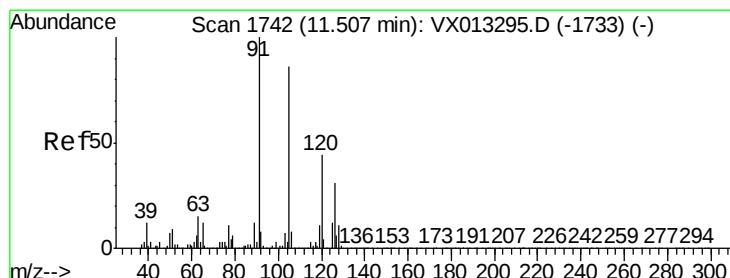
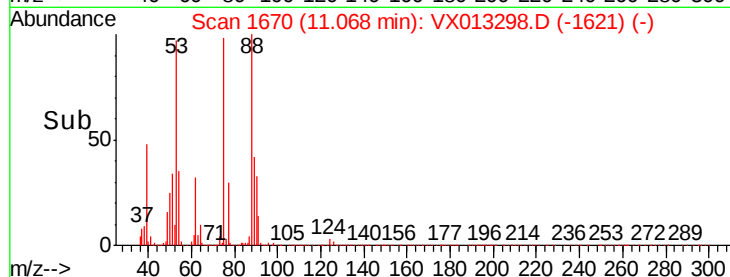
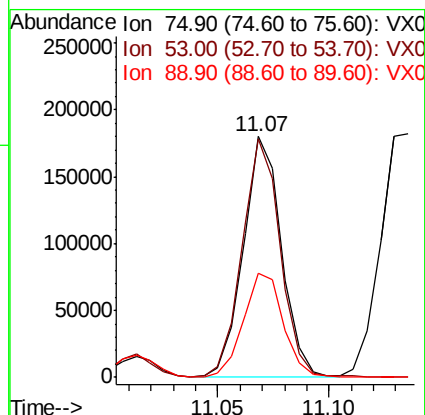
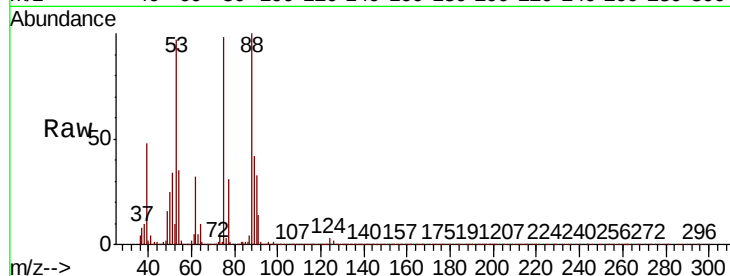
Tot Ion: 75 Resp: 214126

Ion Ratio Lower Upper

75 100

53 98.9 81.0 121.6

89 45.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.936 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013298.D

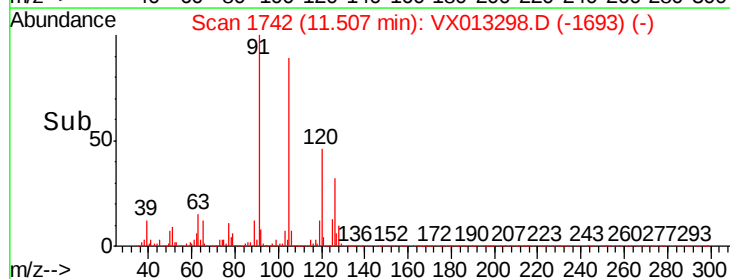
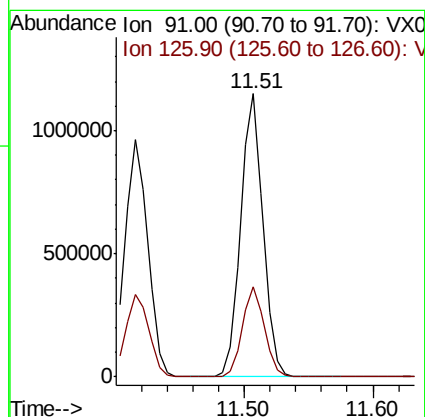
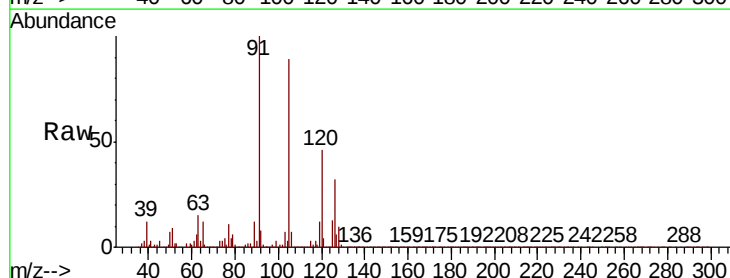
Acq: 31 Oct 2019 18:39

Tgt Ion: 91 Resp: 1376882

Ion Ratio Lower Upper

91 100

126 31.3 15.3 45.8

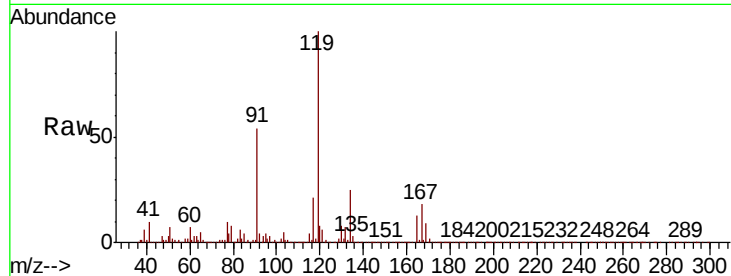




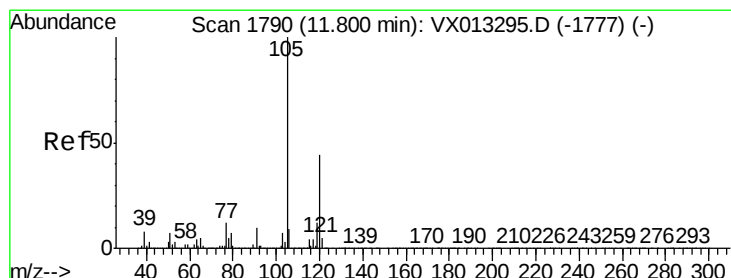
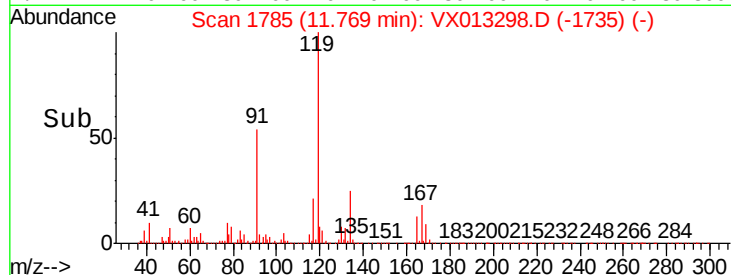
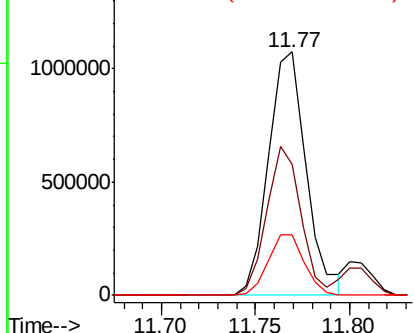
#83
tert-Butylbenzene
Concen: 51.836 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tot Ion:119 Resp: 1495458
Ion Ratio Lower Upper
119 100
91 55.4 26.9 80.7
134 23.9 11.7 35.1

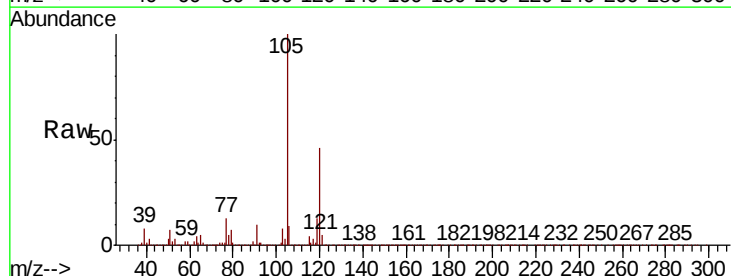


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

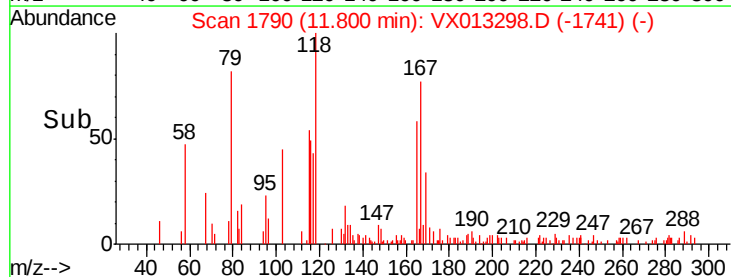
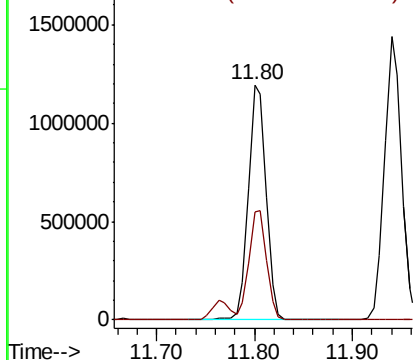


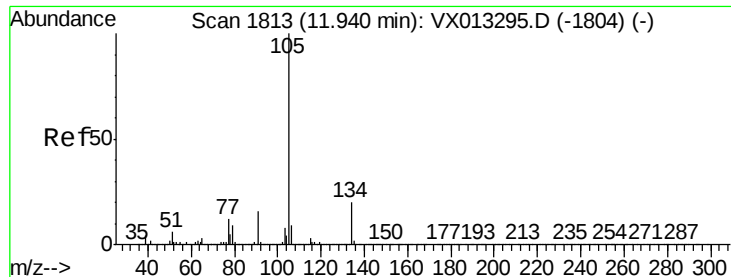
#84
1,2,4-Trimethylbenzene
Concen: 52.049 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:105 Resp: 1496369
Ion Ratio Lower Upper
105 100
120 46.5 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: 52.422 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

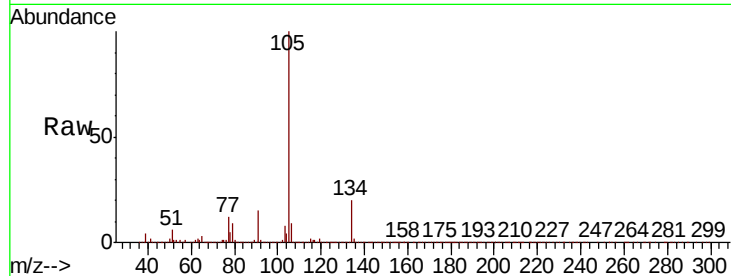
ICVVX103119

Tot Ion:105 Resp: 1738139

Ion Ratio Lower Upper

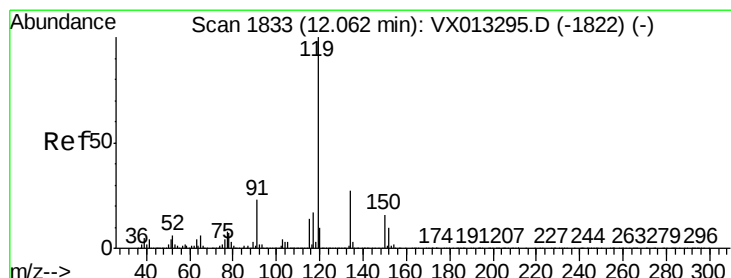
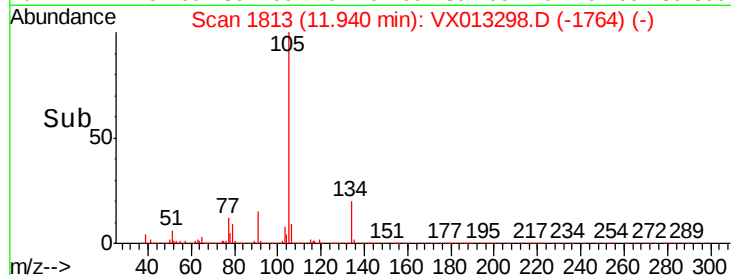
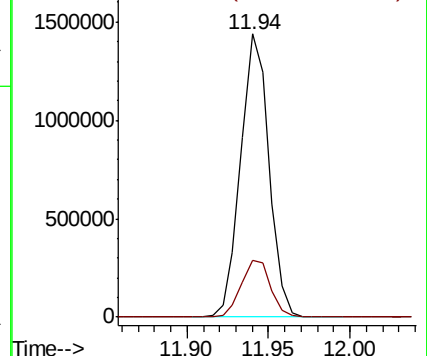
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.515 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

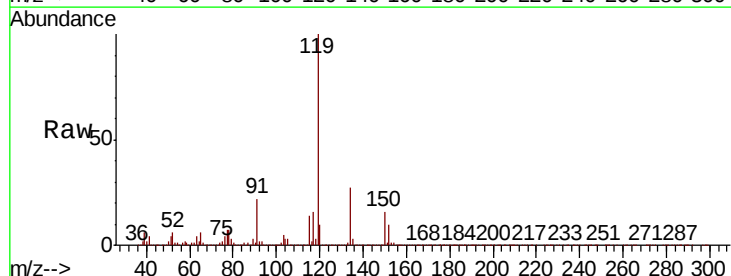
Tgt Ion:119 Resp: 1603361

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

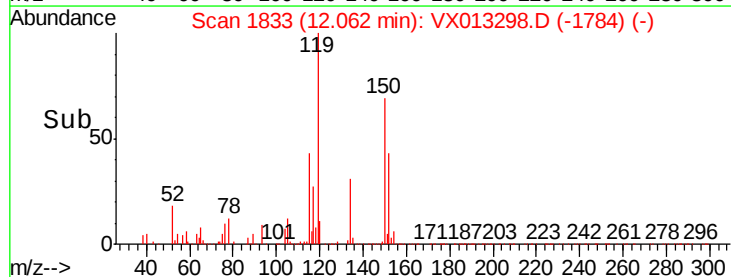
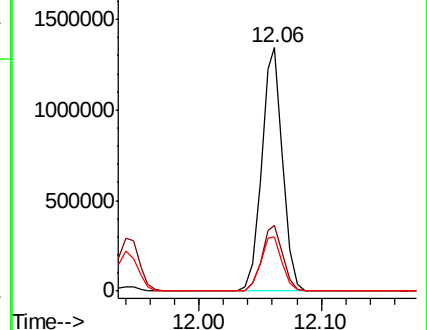
91 22.7 11.5 34.4



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): VX0

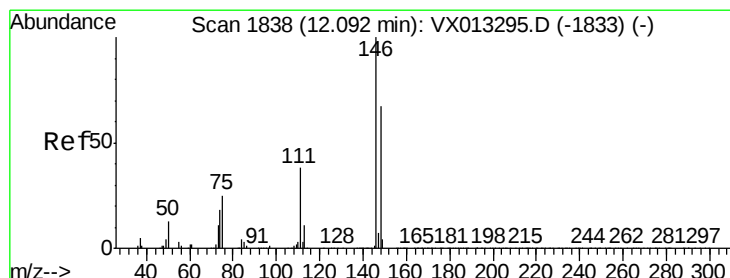
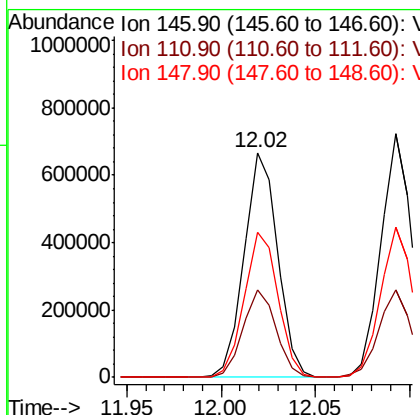
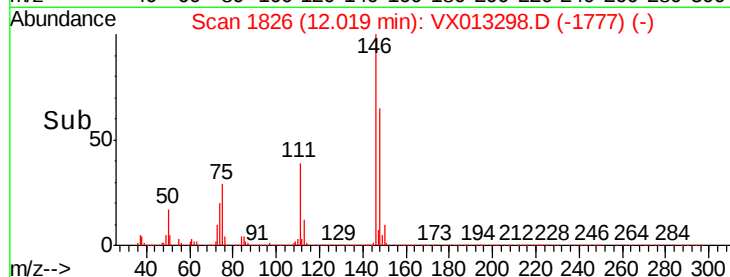
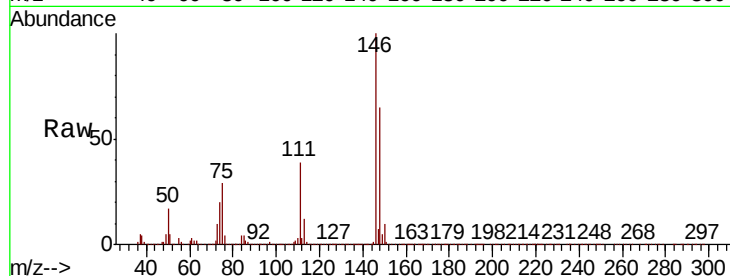




#87
 1,3-Dichlorobenzene
 Concen: 50.461 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

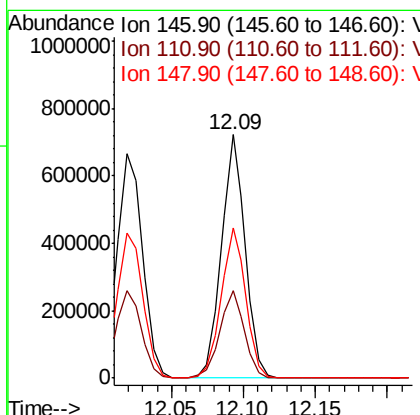
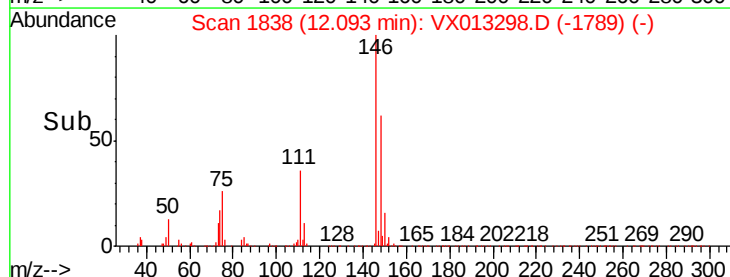
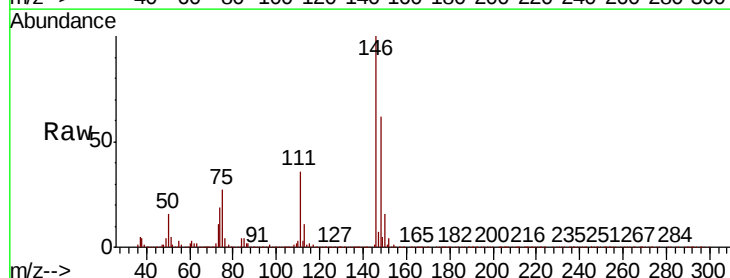
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

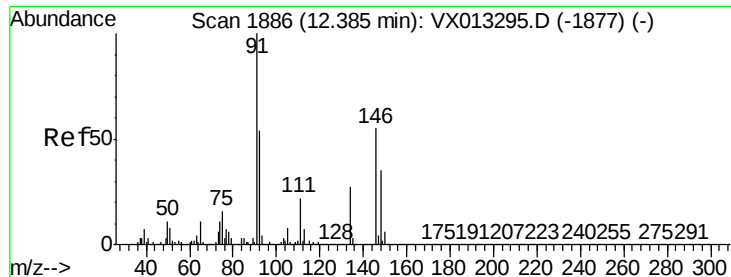
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	65.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.258 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 52.901 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

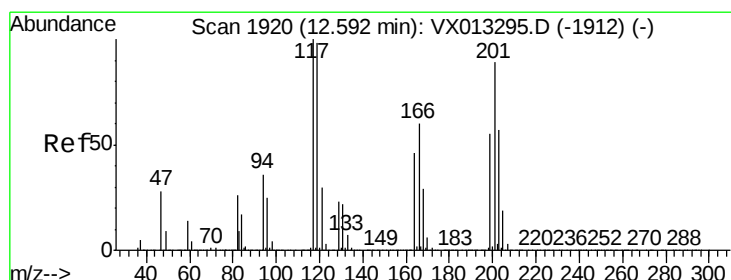
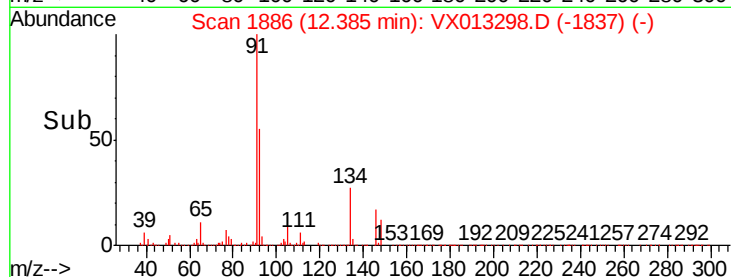
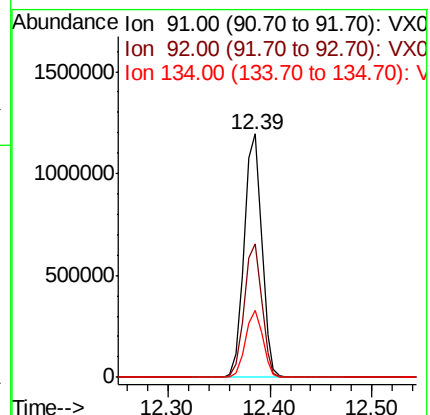
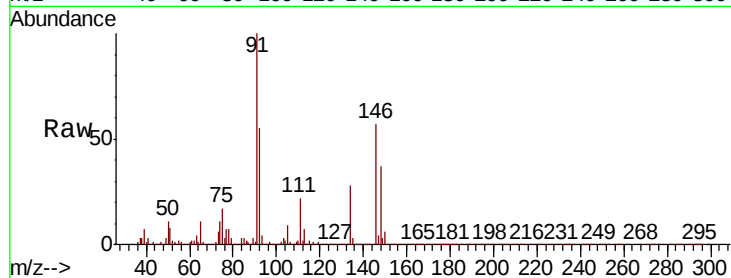
Tot Ion: 91 Resp: 1409327

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.3	81.8
134	27.1	13.5	40.5

91 100

92 55.0 27.3 81.8

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 54.212 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013298.D

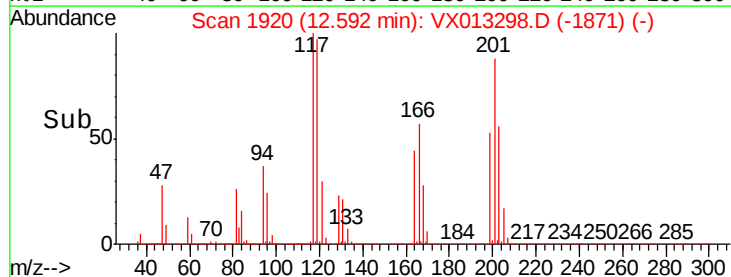
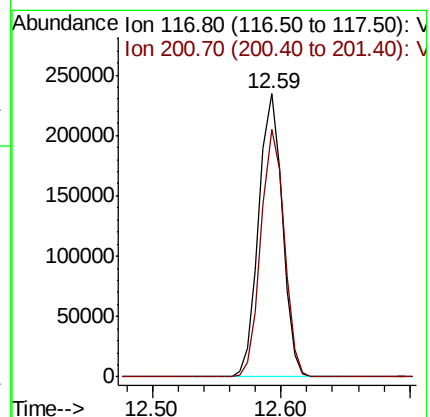
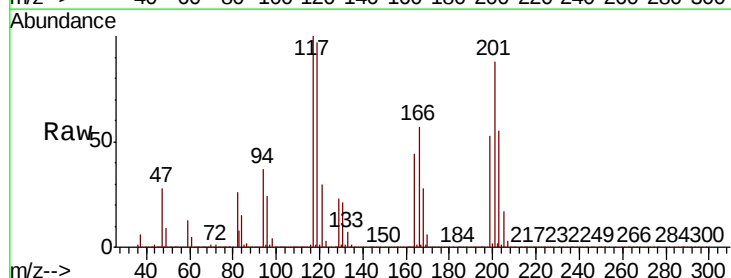
Acq: 31 Oct 2019 18:39

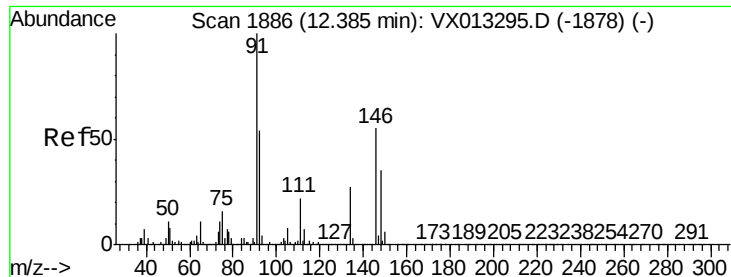
Tgt Ion: 117 Resp: 294907

Ion	Ratio	Lower	Upper
117	100		
201	86.9	43.9	131.7

117 100

201 86.9 43.9 131.7

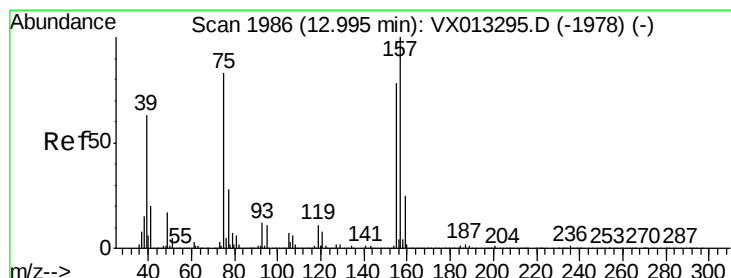
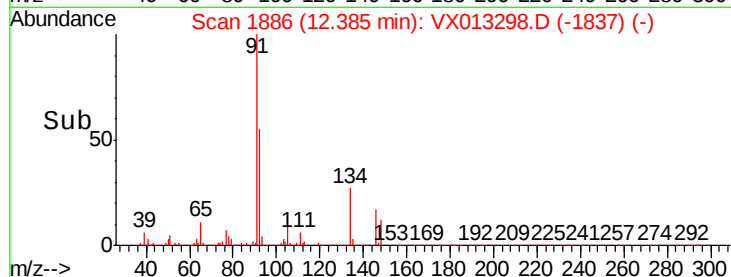
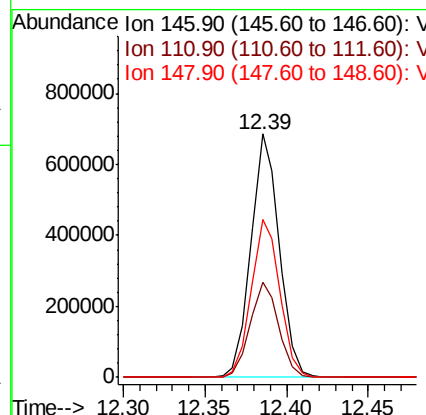
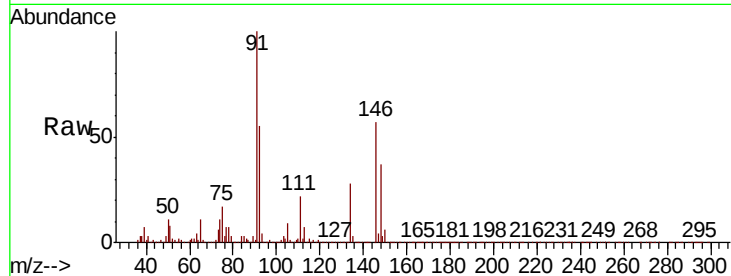




#91
 1,2-Dichlorobenzene
 Concen: 50.835 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

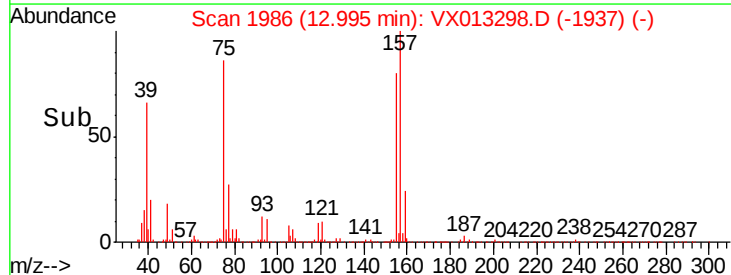
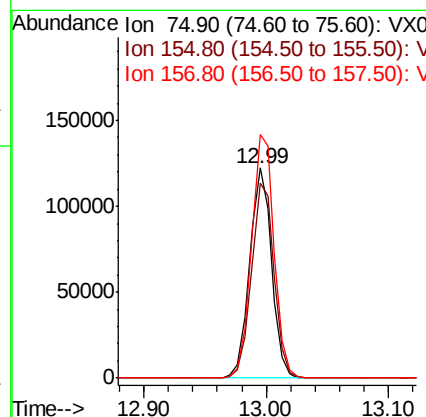
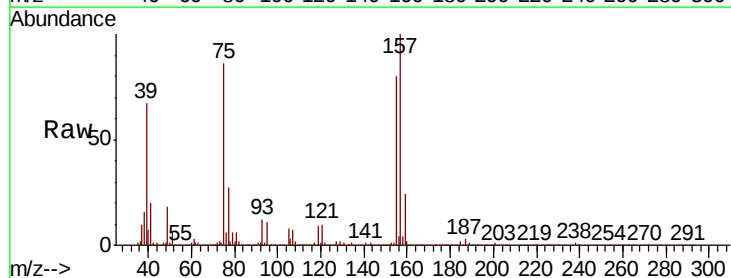
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

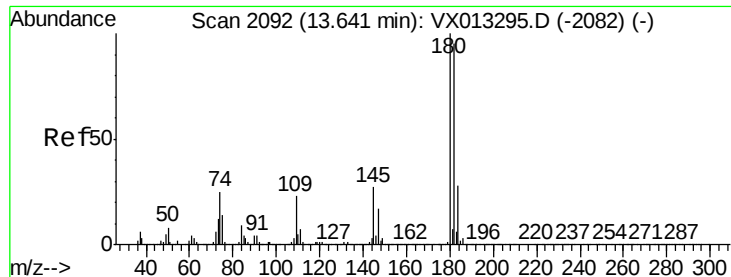
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	65.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.251 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	47.1	141.4
157	120.8	61.3	183.8

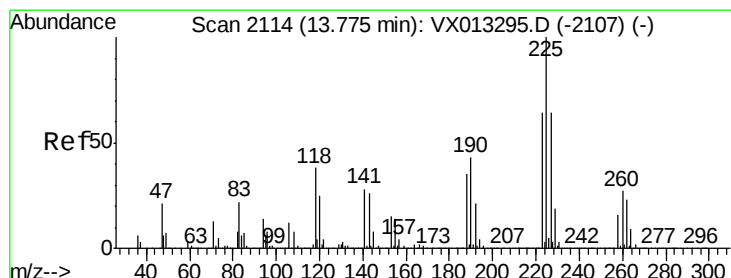
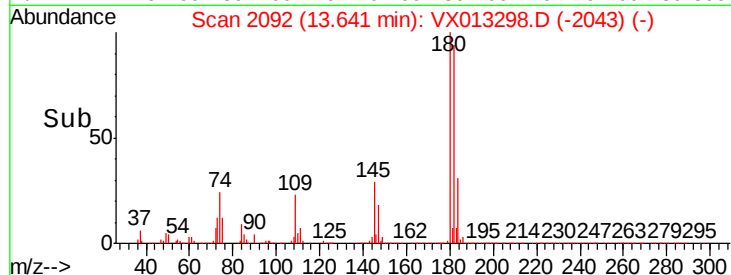
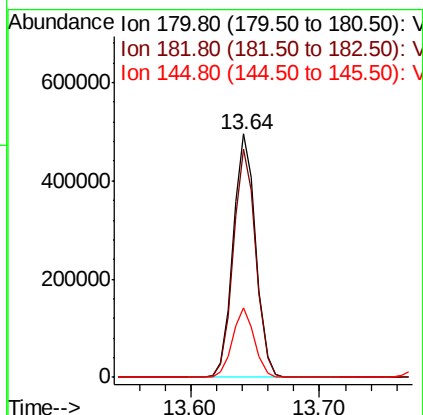
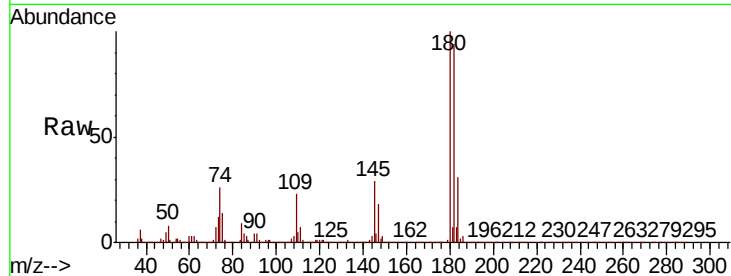




#93
 1,2,4-Trichlorobenzene
 Concen: 53.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

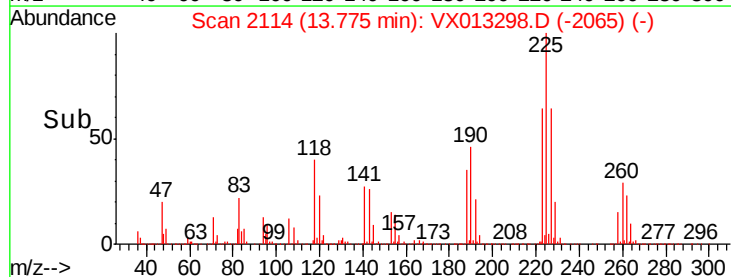
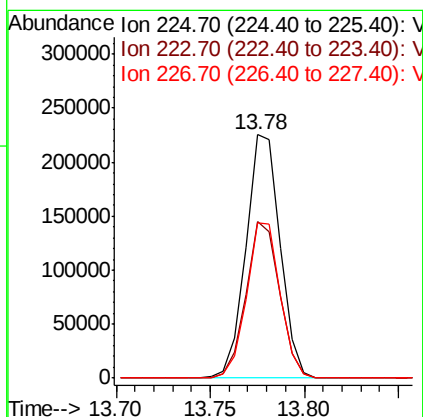
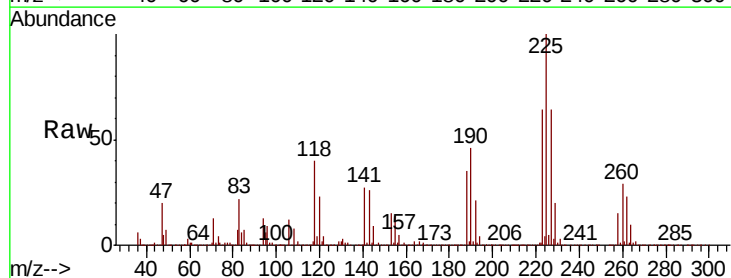
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

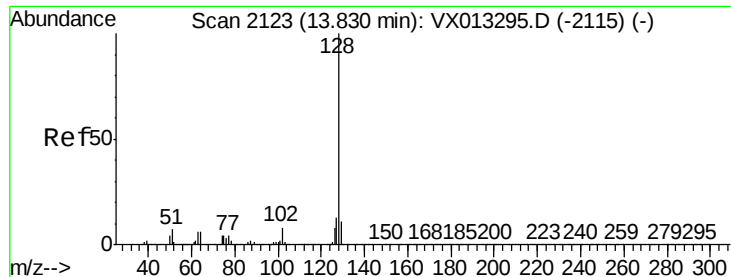
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.4	145.0
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 50.769 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.0	31.9	95.9





#95

Naphthalene

Concen: 54.720 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

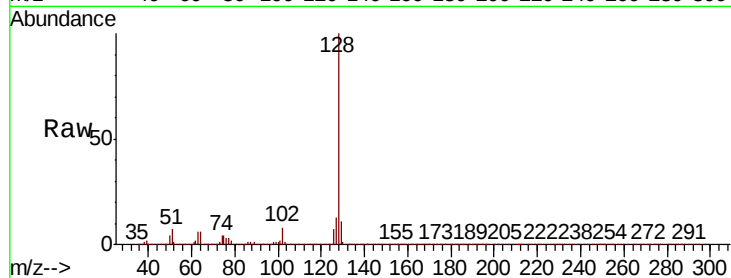
Tot Ion:128 Resp: 1957248

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

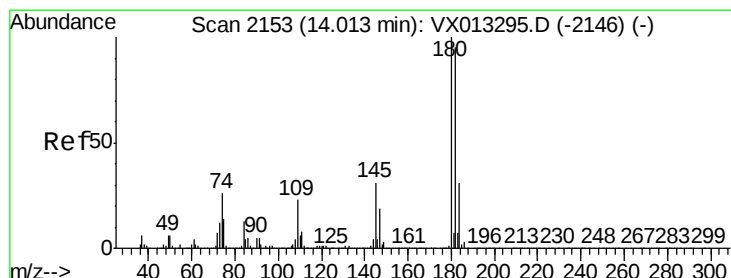
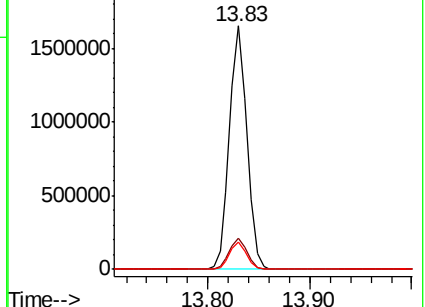
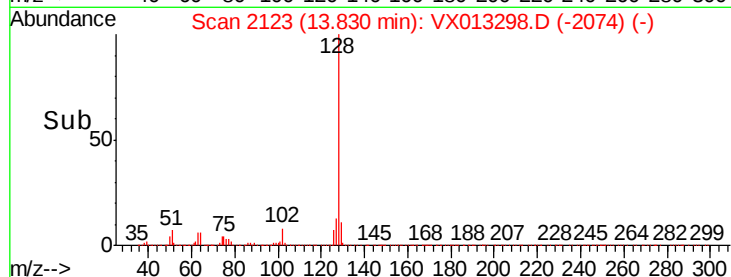
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.250 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

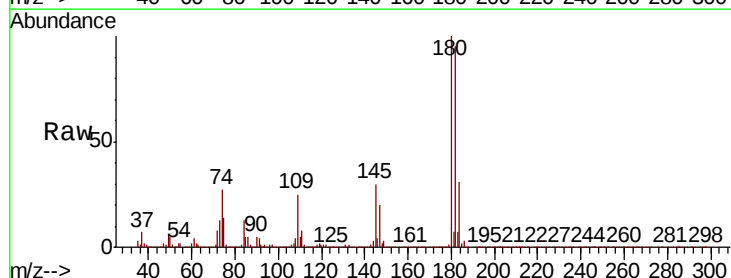
Tgt Ion:180 Resp: 597383

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 30.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

