

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013395.D
 Acq On : 12 Nov 2019 19:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 02:45:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	120082	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	668908	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	603598	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	258340	29.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	11.13	95	285524	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	8.71	98	827764	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	171871	19.103	ug/l 100
3) Chloromethane	1.32	50	190836	19.462	ug/l 100
4) Vinyl Chloride	1.40	62	214416	19.244	ug/l 99
5) Bromomethane	1.63	94	115946	17.310	ug/l 99
6) Chloroethane	1.72	64	117248	19.144	ug/l 100
7) Trichlorofluoromethane	1.92	101	223855	18.662	ug/l 97
8) Diethyl Ether	2.18	74	103014	18.809	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131240	18.185	ug/l 99
10) 1,1-Dichloroethene	2.36	96	140581	18.956	ug/l 99
11) Methyl Iodide	2.50	142	161332	17.618	ug/l 99
12) Methyl Acetate	2.76	43	234358	18.034	ug/l 98
13) Acrolein	2.28	56	105518	76.440	ug/l 99
14) Acrylonitrile	3.12	53	414323	86.702	ug/l 99
15) Acetone	2.43	58	119991	82.906	ug/l 98
16) Carbon Disulfide	2.56	76	376455	18.199	ug/l 99
17) Allyl chloride	2.72	41	246930	18.080	ug/l 99
18) Methylene Chloride	2.84	84	160272	19.047	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	150485	18.986	ug/l 98
20) Diisopropyl ether	3.84	45	495589	18.861	ug/l 97
21) 1,1-Dichloroethane	3.69	63	272496	19.041	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	172075	19.042	ug/l 97
23) tert-Butyl Alcohol	3.02	59	194488	84.569	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	460514	18.762	ug/l 100
25) Chloroform	5.20	83	268854	19.192	ug/l 98
26) Cyclohexane	5.56	56	234770	18.064	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	200056	19.581	ug/l 99
30) 2-Butanone	4.65	43	607953	90.152	ug/l 99
31) 2,2-Dichloropropane	4.57	77	207013	18.709	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	222865	19.625	ug/l 98
33) Carbon Tetrachloride	5.78	117	190364	19.299	ug/l 94
34) Benzene	6.13	78	620323	20.017	ug/l 98
35) Methacrylonitrile	5.03	41	127588	18.946	ug/l 96
36) 1,2-Dichloroethane	6.18	62	215898	19.904	ug/l 99
37) Trichloroethene	7.20	130	163277	19.667	ug/l 94
38) Methylcyclohexane	7.46	83	241148	19.250	ug/l 99
39) 1,2-Dichloropropane	7.50	63	158498	19.780	ug/l 97
40) Dibromomethane	7.65	93	104841	19.660	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	198069	19.027	ug/l	97
42) Vinyl Acetate	3.80	43	2052234	96.659	ug/l	100
43) Ethyl Acetate	4.82	43	222879	18.121	ug/l	96
44) Isopropyl Acetate	6.43	43	366908	18.558	ug/l	98
45) 1,4-Dioxane	7.73	88	80594	369.223	ug/l	99
46) Methyl methacrylate	7.76	41	183395	18.648	ug/l	96
47) n-amyl Acetate	10.89	43	317051	18.282	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	214191	18.349	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	245675	19.208	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	157342	19.939	ug/l	96
51) Ethyl methacrylate	9.17	69	246232	18.952	ug/l	98
52) 1,3-Dichloropropane	9.37	76	263863	19.560	ug/l	98
53) Dibromochloromethane	9.57	129	158546	18.957	ug/l	98
54) 1,2-Dibromoethane	9.67	107	164954	19.549	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	489166	88.116	ug/l	99
56) Bromoform	10.85	173	121005	18.181	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1183128	93.830	ug/l	99
59) 2-Hexanone	9.48	43	910110	91.222	ug/l	99
61) Tetrachloroethene	9.33	164	151566	20.363	ug/l	95
62) Toluene	8.78	91	663982	19.749	ug/l	100
64) Chlorobenzene	10.14	112	414321	19.709	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	148464	18.867	ug/l	99
66) Ethyl Benzene	10.25	91	719062	19.468	ug/l	99
67) m/p-Xylenes	10.35	106	553491	38.847	ug/l	99
68) o-Xylene	10.70	106	269198	19.577	ug/l	99
69) Styrene	10.71	104	455338	19.393	ug/l	99
70) Isopropylbenzene	11.01	105	716546	19.776	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	249449	19.228	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	268278	24.491	ug/l	82
73) Bromobenzene	11.25	156	185671	19.431	ug/l	96
74) n-propylbenzene	11.35	91	802227	19.483	ug/l	100
75) 2-Chlorotoluene	11.42	91	475718	19.428	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	585883	19.237	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	74885	16.907	ug/l	93
78) 4-Chlorotoluene	11.51	91	535498	19.088	ug/l	100
79) tert-butylbenzene	11.76	119	585903	19.068	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	587764	19.367	ug/l	99
81) sec-Butylbenzene	11.94	105	676544	19.297	ug/l	100
82) p-Isopropyltoluene	12.06	119	620175	19.199	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	324469	19.315	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	319483	19.159	ug/l	98
85) n-Butylbenzene	12.39	91	519567	18.637	ug/l	100
86) Hexachloroethane	12.59	117	106577	17.980	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	324823	19.337	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	51223	17.655	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	211708	18.278	ug/l	98
90) Hexachlorobutadiene	13.78	225	102361	18.443	ug/l	98
91) Naphthalene	13.83	128	680938	18.568	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	216922	18.532	ug/l	99

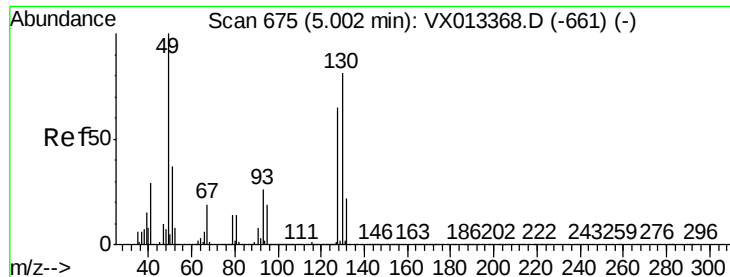
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
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QLast Update : Tue Nov 12 01:16:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

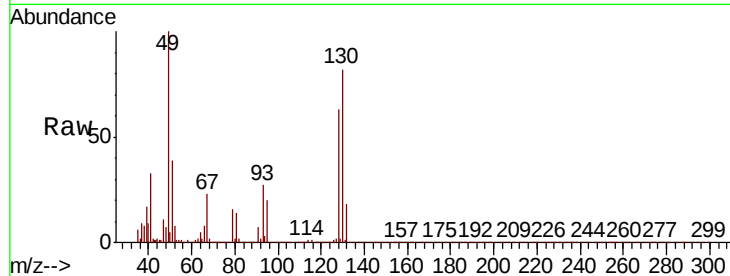


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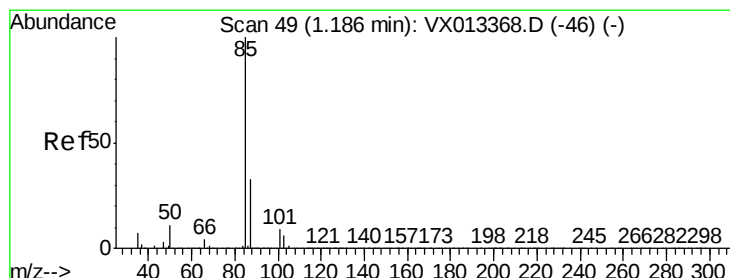
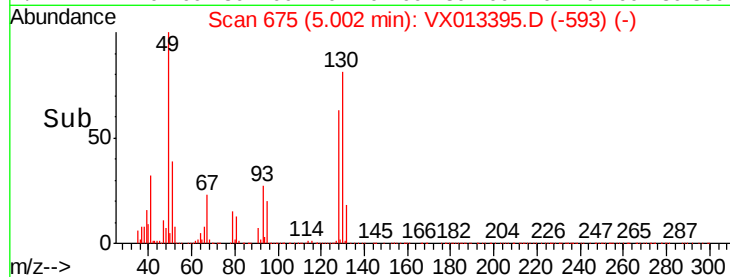
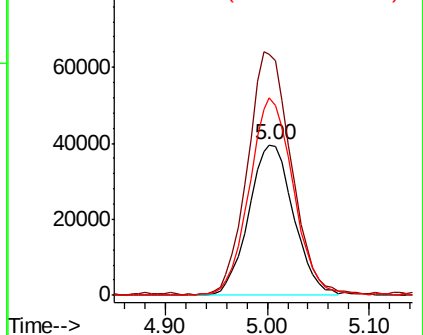
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	388.3
130	129.7	0.0	318.5



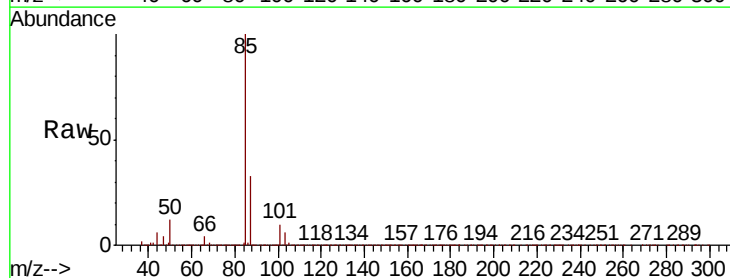
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



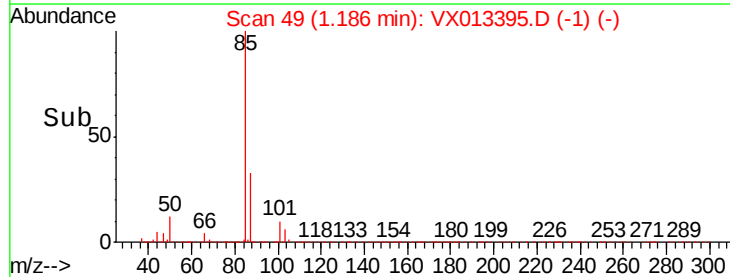
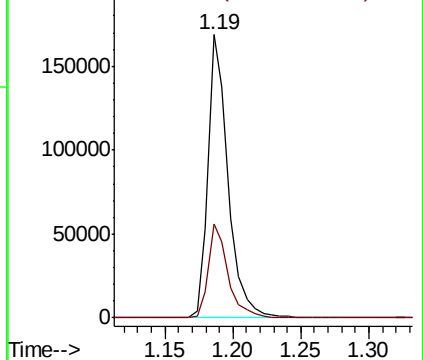
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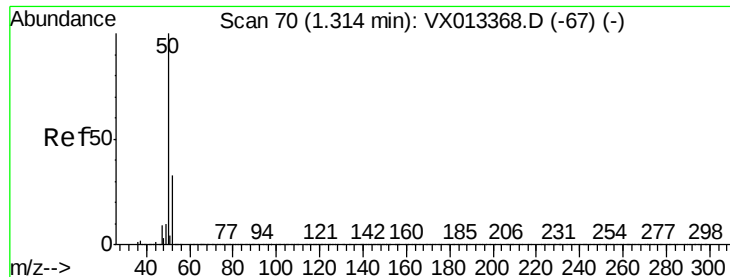
Dichlorodifluoromethane
 Concen: 19.103 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

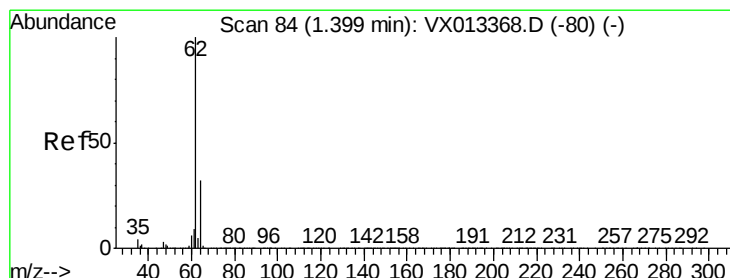
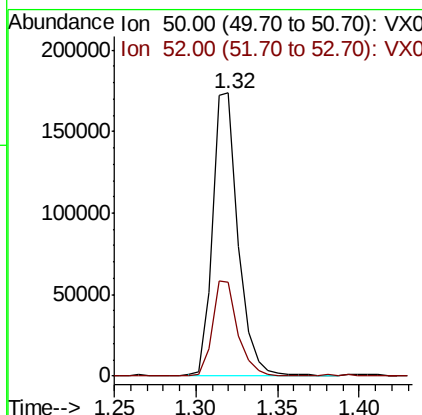
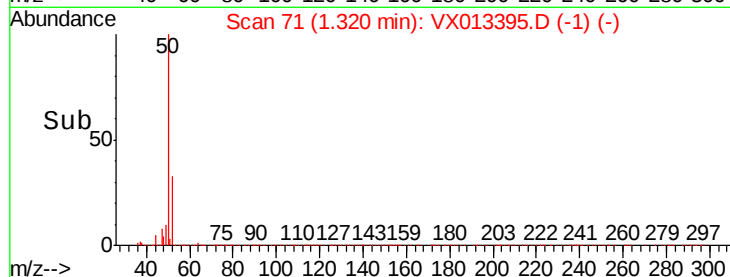
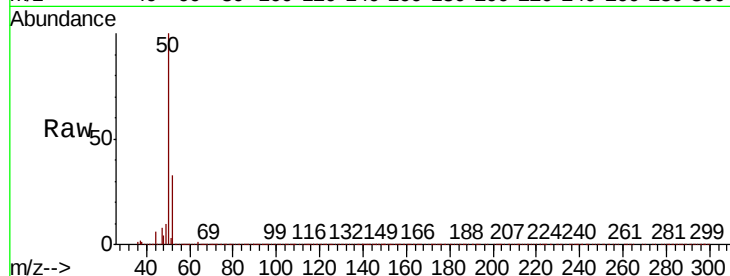




#3
Chloromethane
Concen: 19.462 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

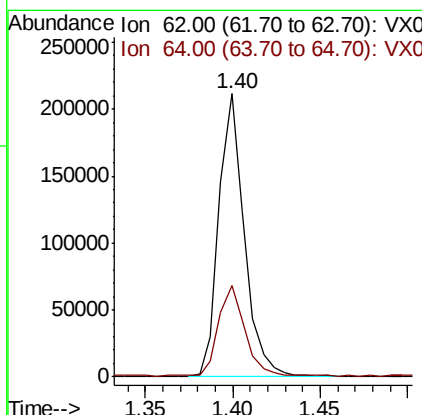
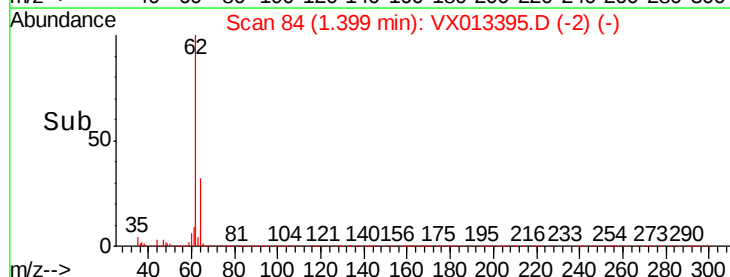
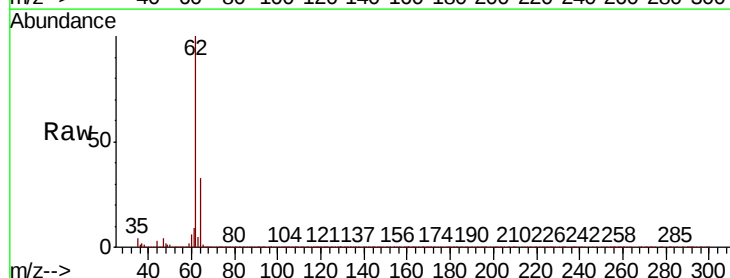
Instrument :
MSVOA_X
ClientSampleId :

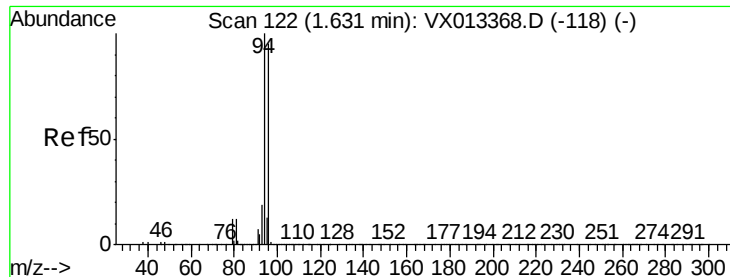
Tot Ion: 50 Resp: 190836
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 19.244 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 62 Resp: 214416
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 17.310 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

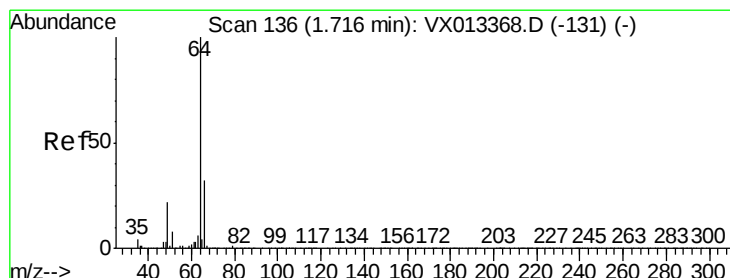
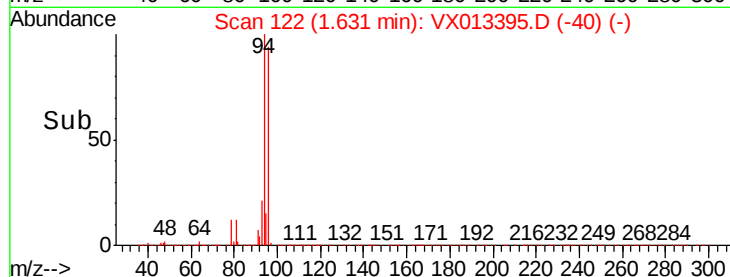
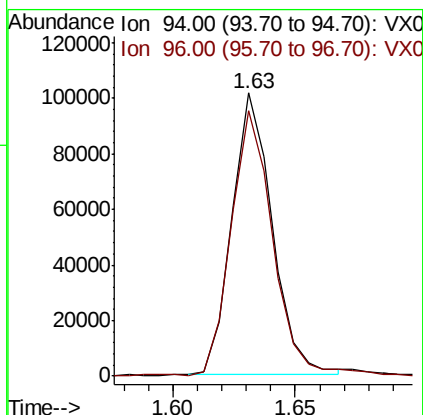
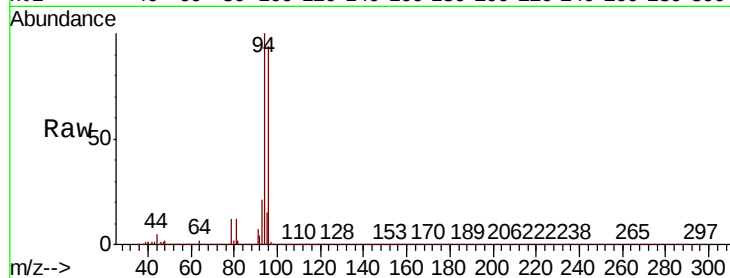
ClientSampleId :

Tot Ion: 94 Resp: 115946

Ion Ratio Lower Upper

94 100

96 93.9 75.7 113.5



#6

Chloroethane

Concen: 19.144 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013395.D

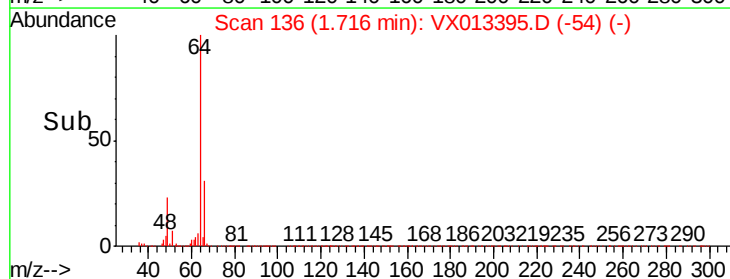
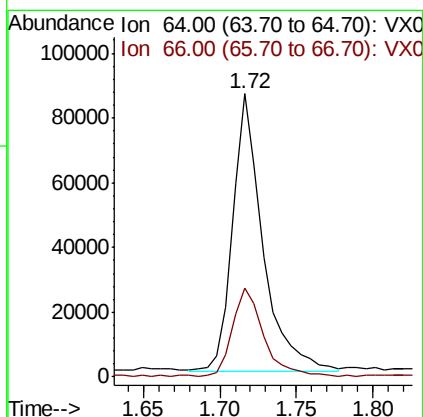
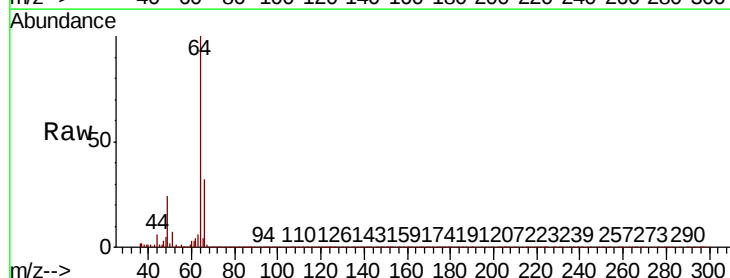
Acq: 12 Nov 2019 19:11

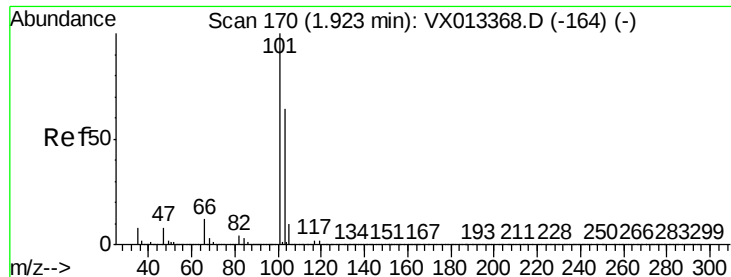
Tgt Ion: 64 Resp: 117248

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



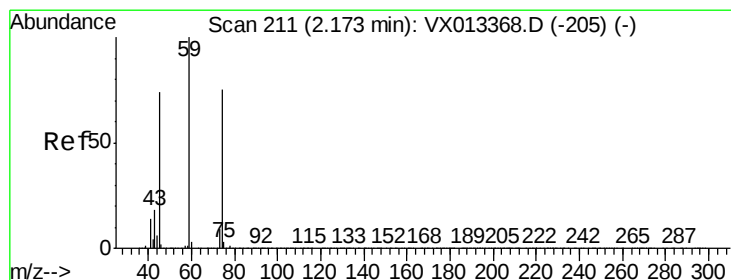
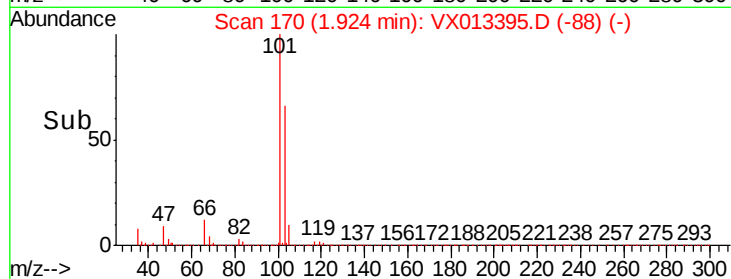
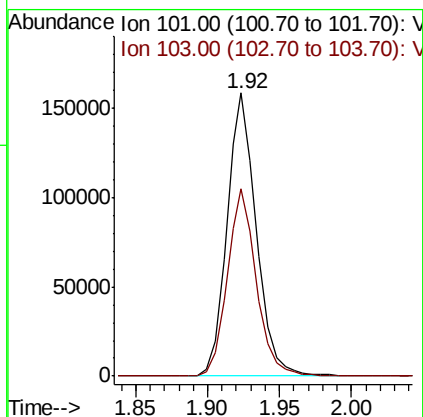
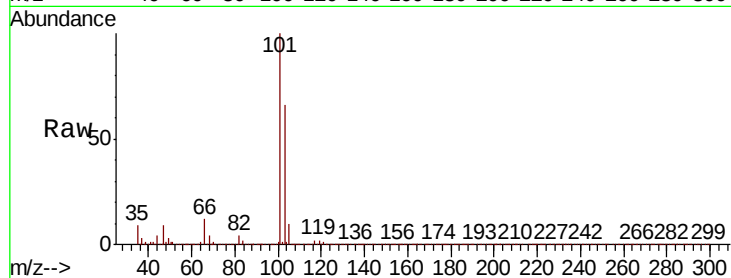


#7

Trichlorofluoromethane
Concen: 18.662 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

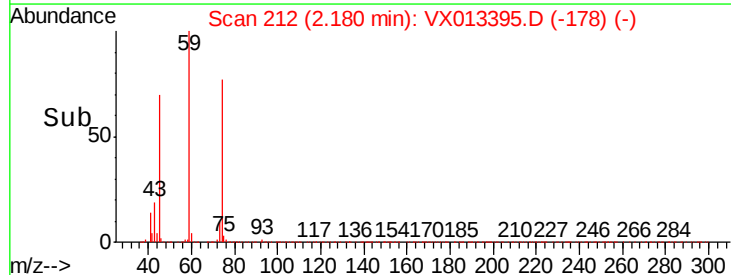
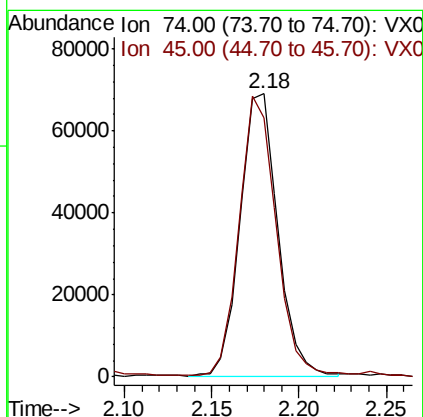
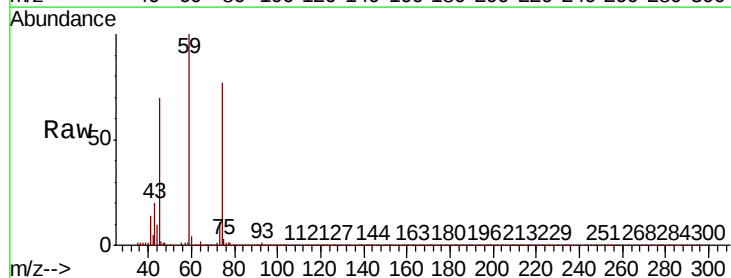
Tot Ion:101 Resp: 223855
Ion Ratio Lower Upper
101 100
103 66.1 51.2 76.8

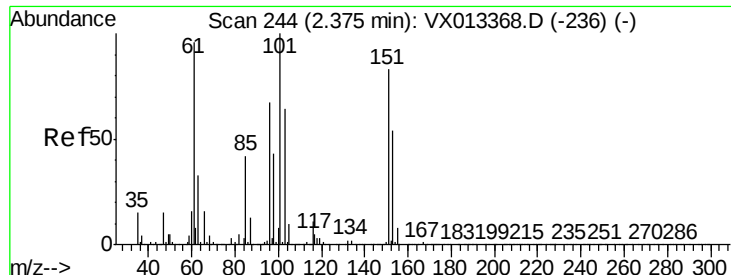


#8

Diethyl Ether
Concen: 18.809 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 74 Resp: 103014
Ion Ratio Lower Upper
74 100
45 96.8 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

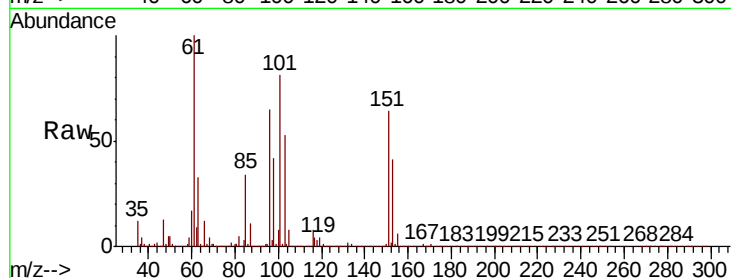
Tot Ion:101 Resp: 131240

Ion Ratio Lower Upper

101 100

85 41.4 0.0 83.2

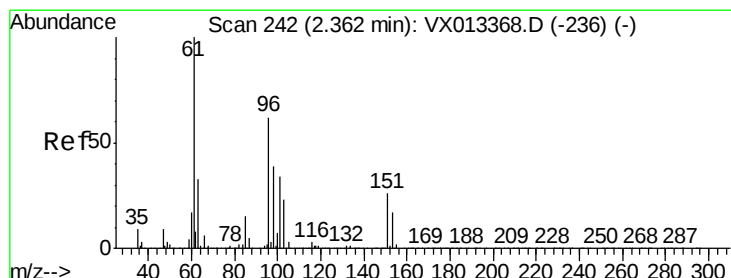
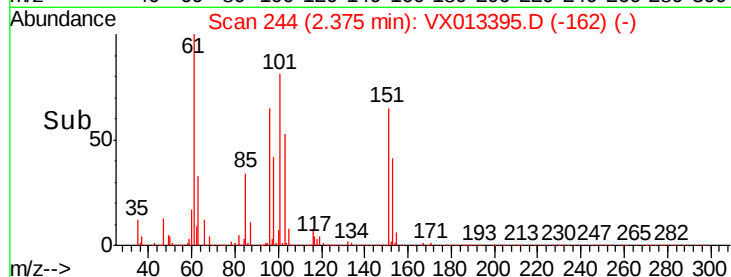
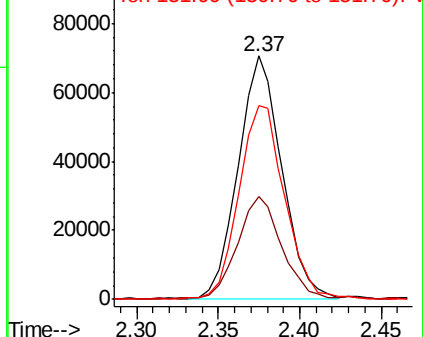
151 83.7 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.956 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

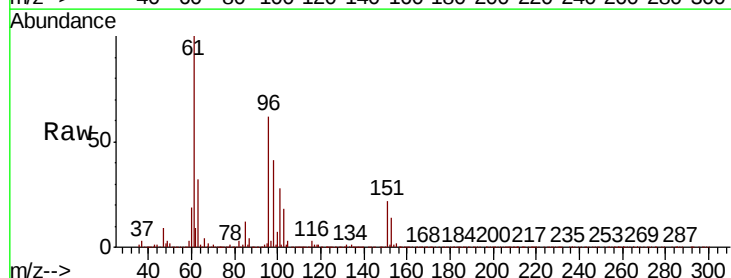
Tgt Ion: 96 Resp: 140581

Ion Ratio Lower Upper

96 100

61 160.5 128.9 193.3

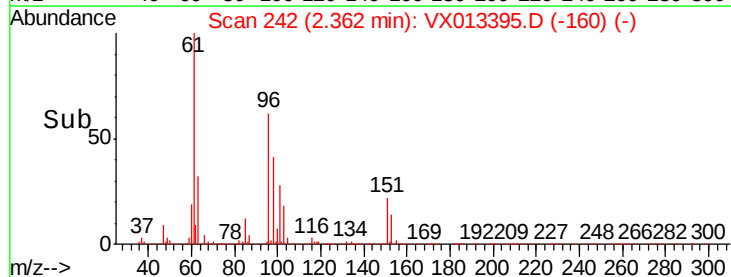
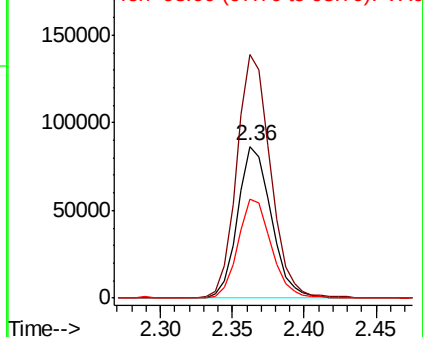
98 65.2 49.7 74.5

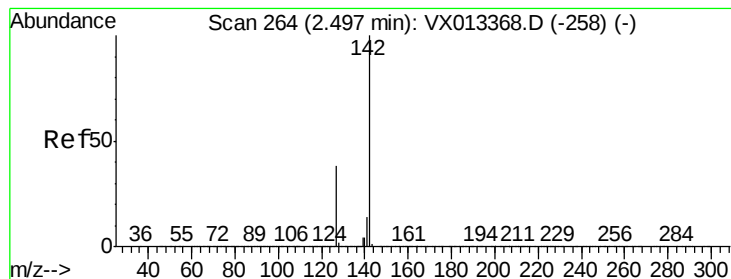


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.618 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

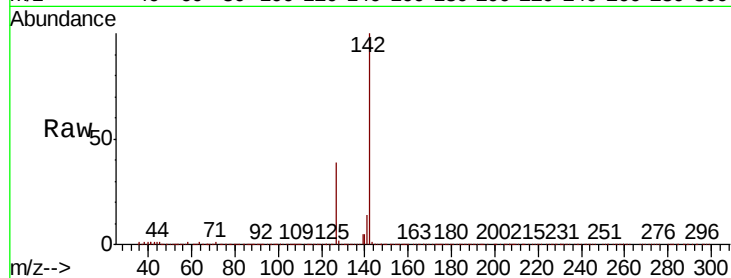
Tot Ion:142 Resp: 161332

Ion Ratio Lower Upper

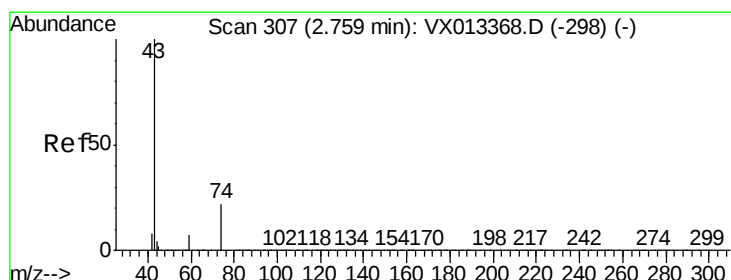
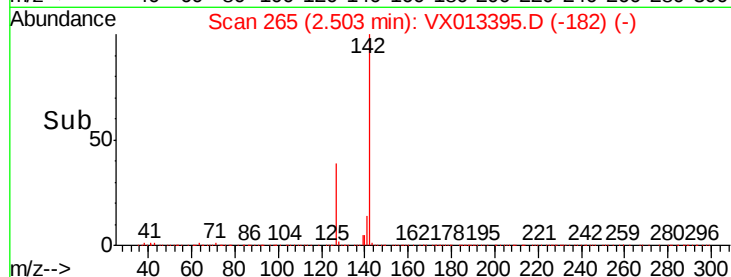
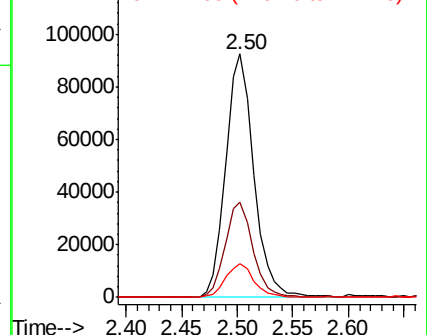
142 100

127 38.7 19.1 57.5

141 13.8 7.0 21.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 18.034 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013395.D

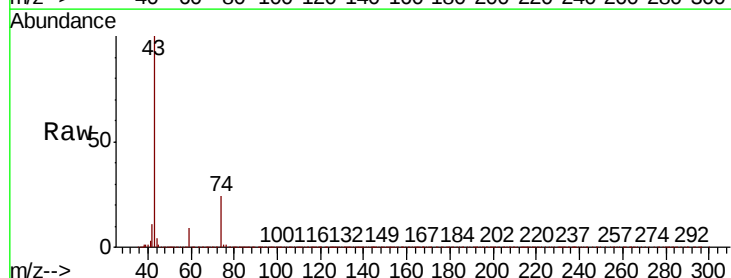
Acq: 12 Nov 2019 19:11

Tgt Ion: 43 Resp: 234358

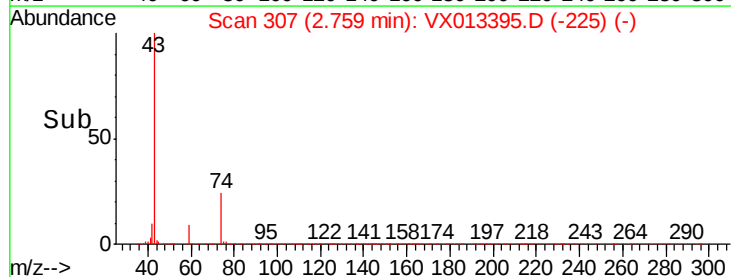
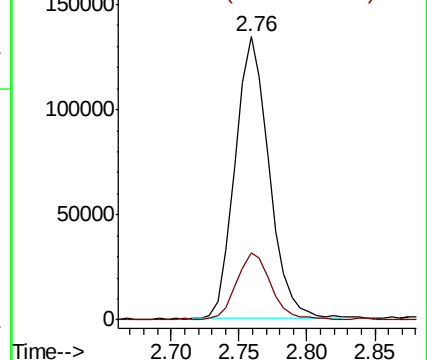
Ion Ratio Lower Upper

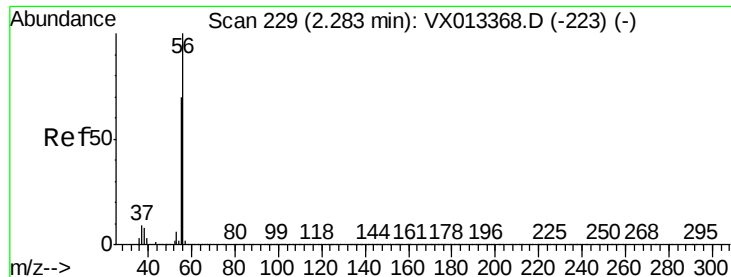
43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 76.440 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

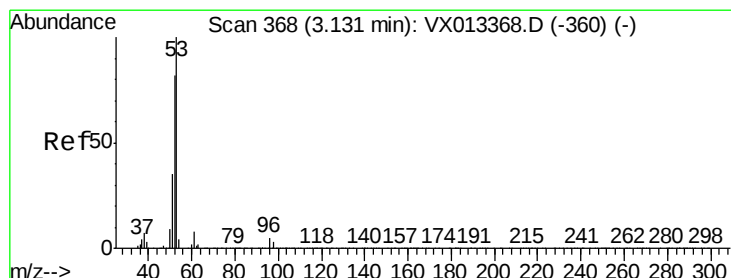
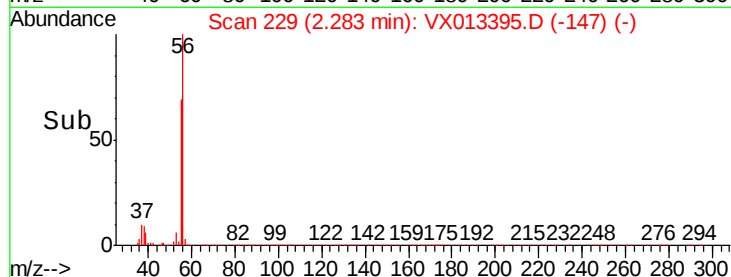
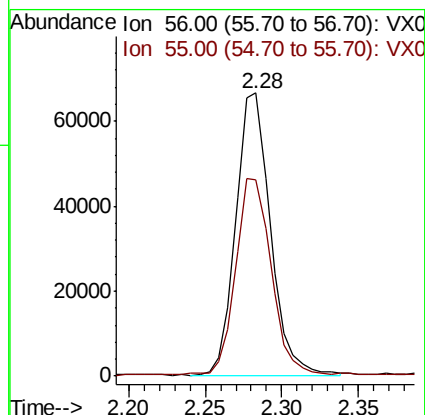
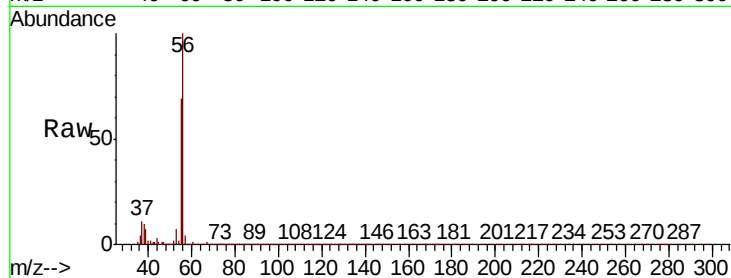
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 105518

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Acrylonitrile

Concen: 86.702 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

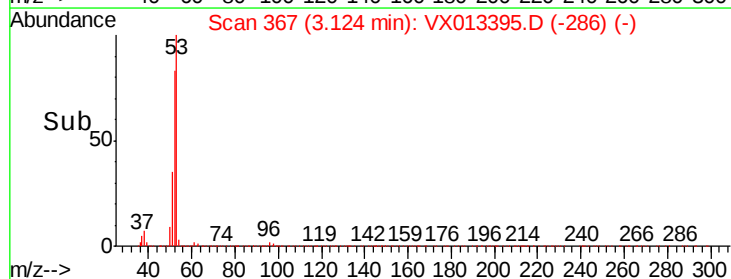
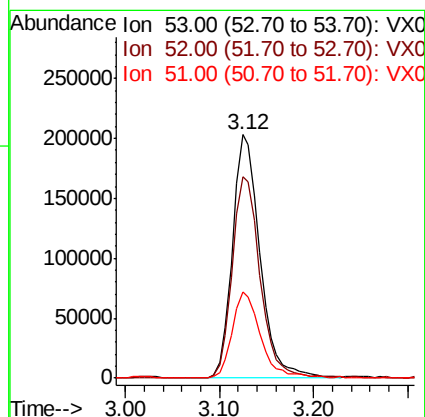
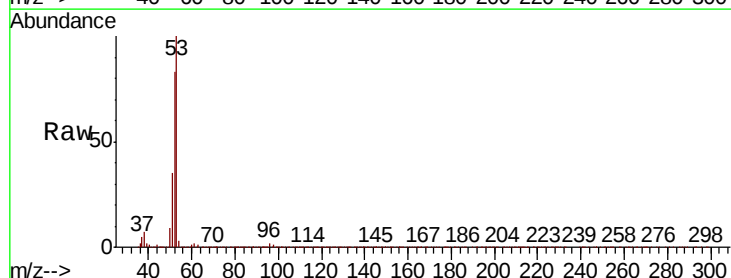
Tgt Ion: 53 Resp: 414323

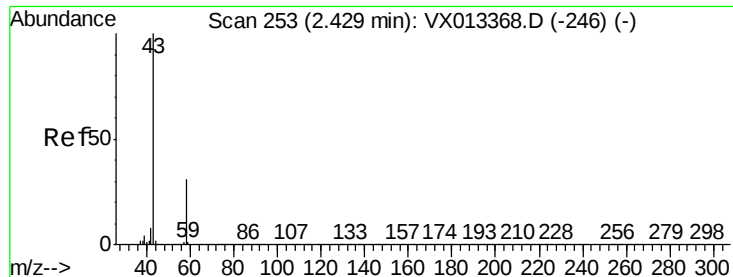
Ion Ratio Lower Upper

53 100

52 83.4 41.0 123.0

51 34.9 17.3 51.9





#15

Acetone

Concen: 82.906 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

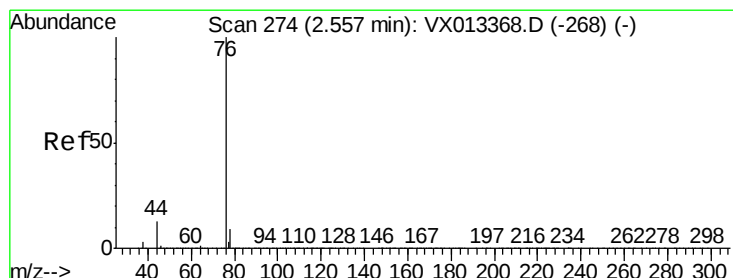
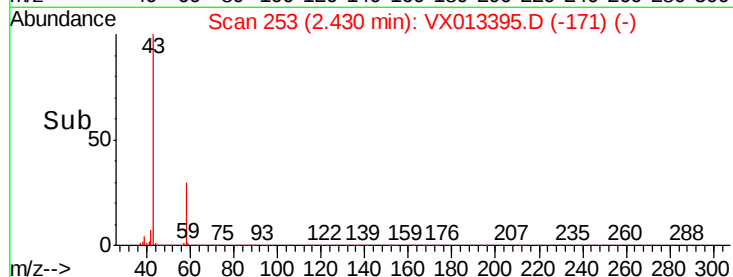
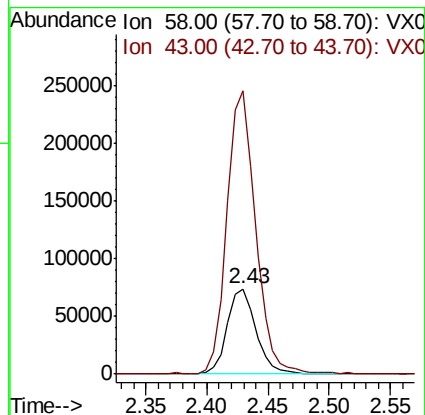
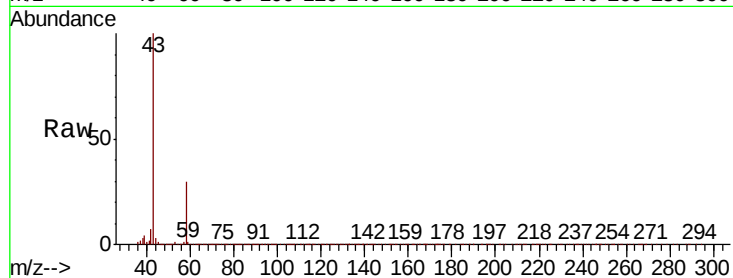
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 119991

Ion Ratio Lower Upper

58 100

43 331.7 261.4 392.2



#16

Carbon Disulfide

Concen: 18.199 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013395.D

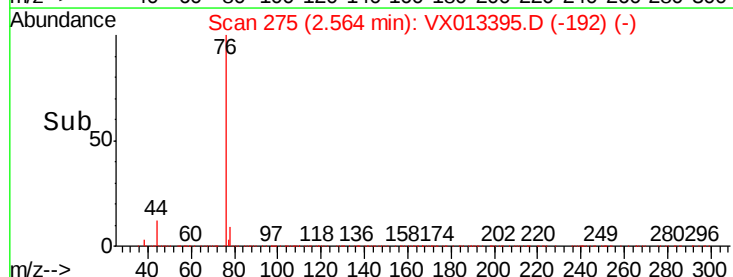
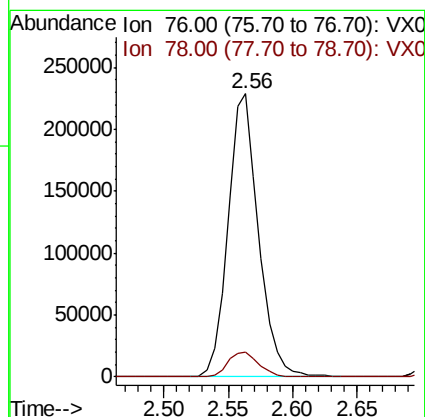
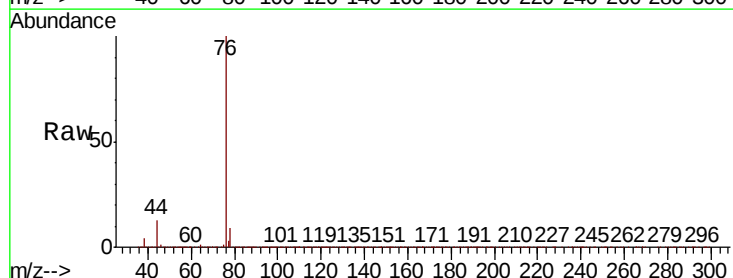
Acq: 12 Nov 2019 19:11

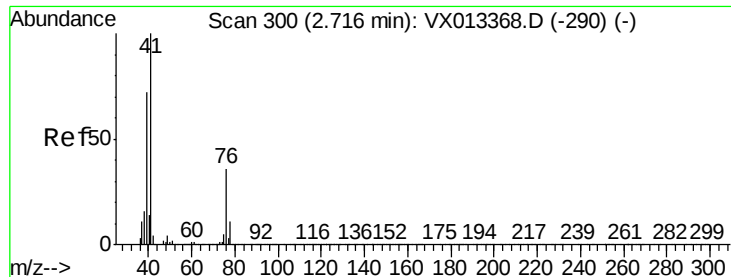
Tgt Ion: 76 Resp: 376455

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

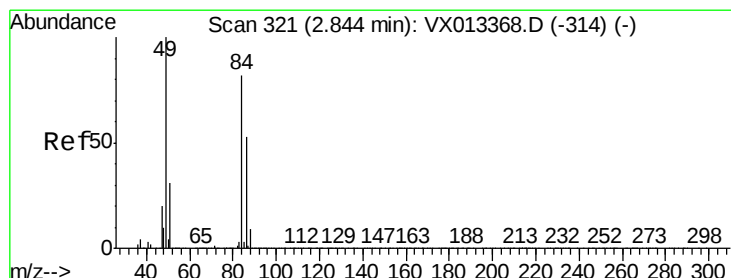
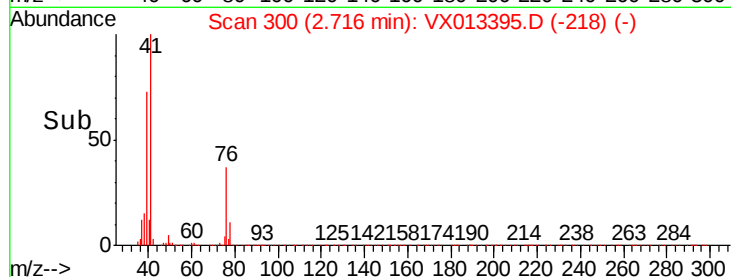
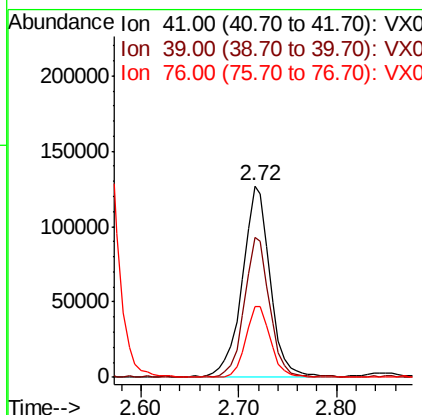
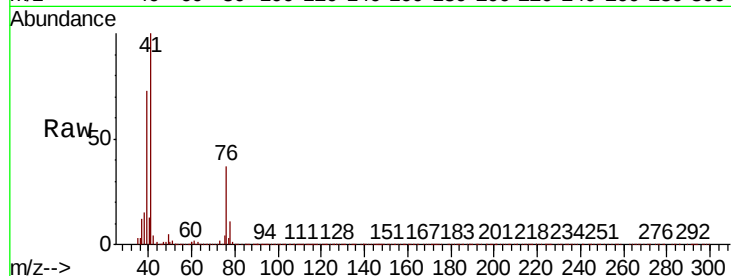




#17
Allvl chloride
Concen: 18.080 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

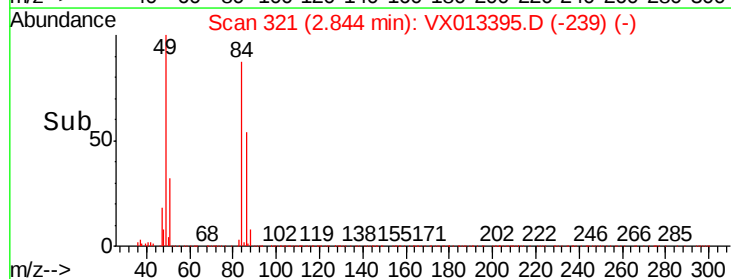
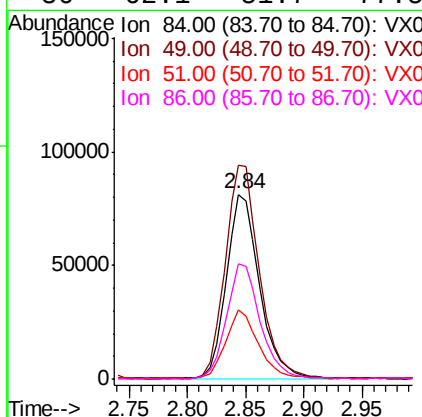
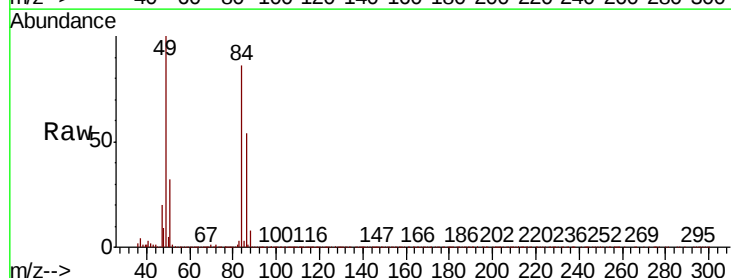
Instrument :
MSVOA_X
ClientSampleId :

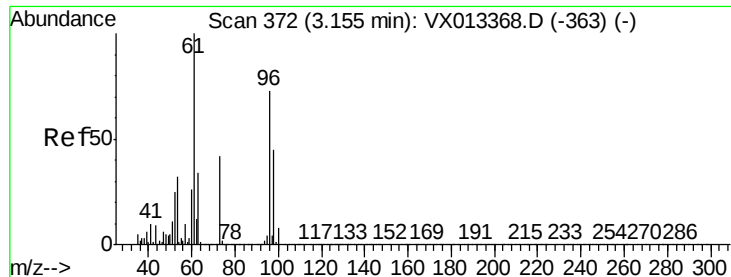
Tot Ion: 41 Resp: 246930
Ion Ratio Lower Upper
41 100
39 72.9 36.1 108.3
76 36.9 18.1 54.4



#18
Methylene Chloride
Concen: 19.047 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 84 Resp: 160272
Ion Ratio Lower Upper
84 100
49 116.0 96.8 145.2
51 37.1 30.0 45.0
86 62.1 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.986 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

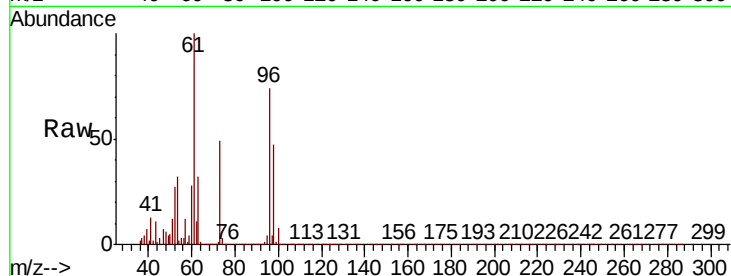
Tot Ion: 96 Resp: 150485

Ion Ratio Lower Upper

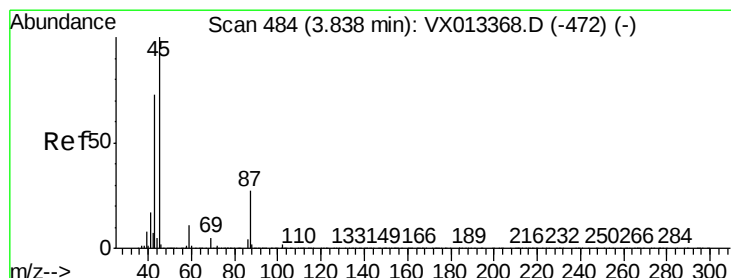
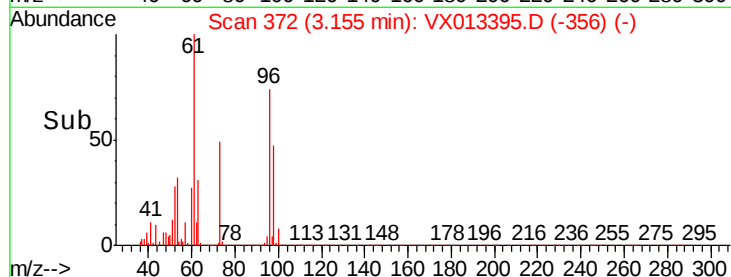
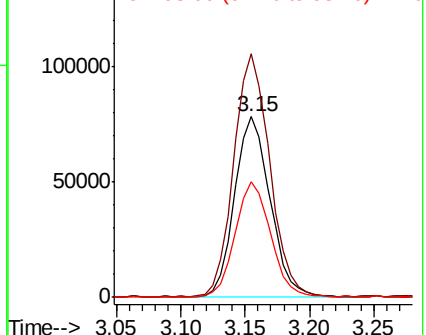
96 100

61 135.0 109.9 164.9

98 63.7 49.7 74.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.861 ug/l

RT: 3.84 min Scan# 484

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion: 45 Resp: 495589

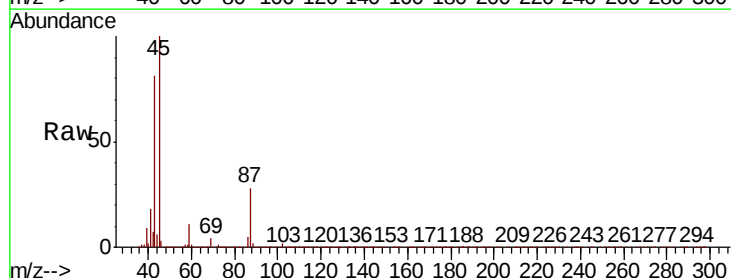
Ion Ratio Lower Upper

45 100

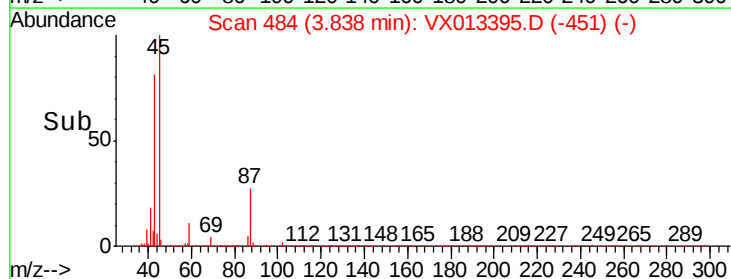
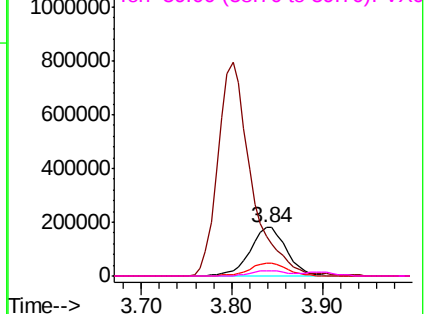
43 80.8 67.7 101.5

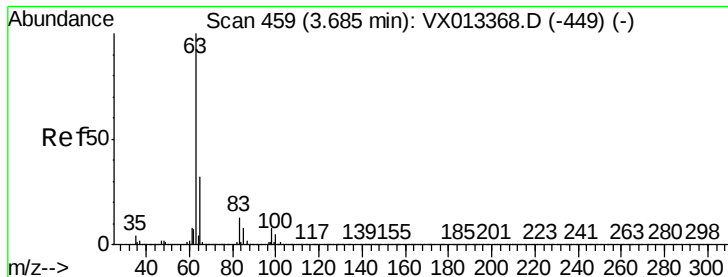
87 27.6 21.5 32.3

59 11.1 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.041 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

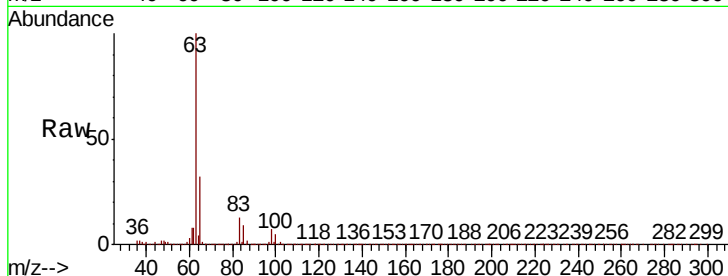
Tot Ion: 63 Resp: 272496

Ion Ratio Lower Upper

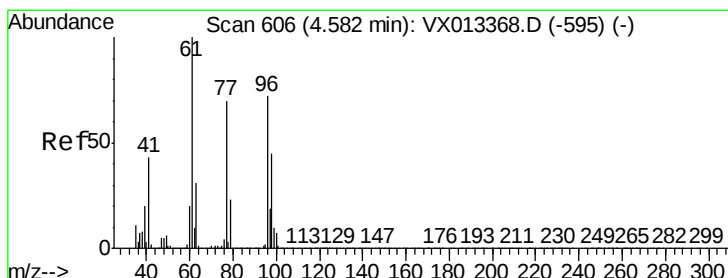
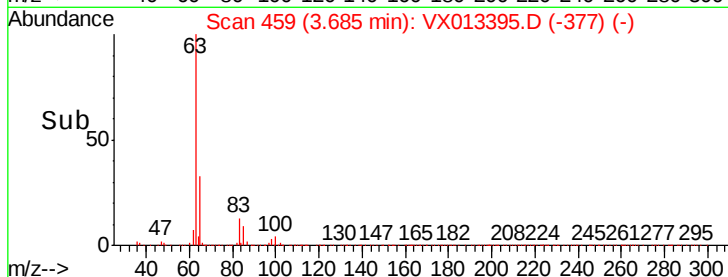
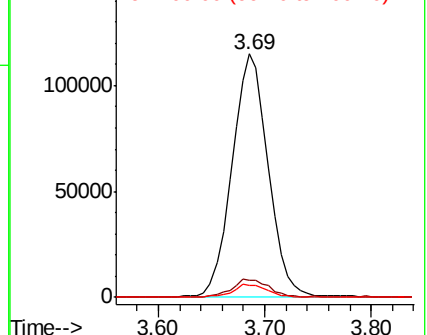
63 100

98 7.0 4.0 11.9

100 4.9 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.042 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

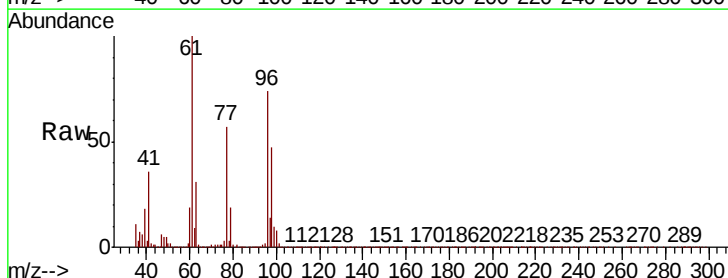
Tgt Ion: 96 Resp: 172075

Ion Ratio Lower Upper

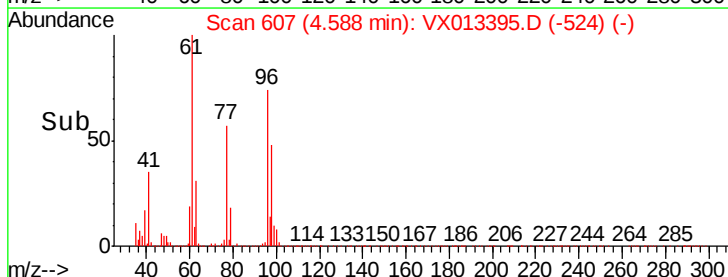
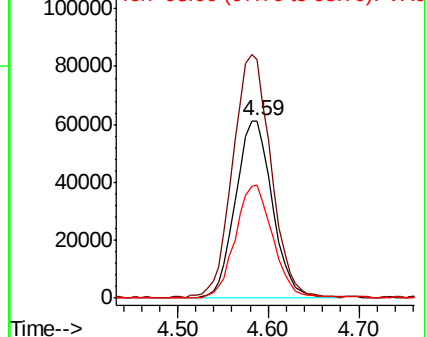
96 100

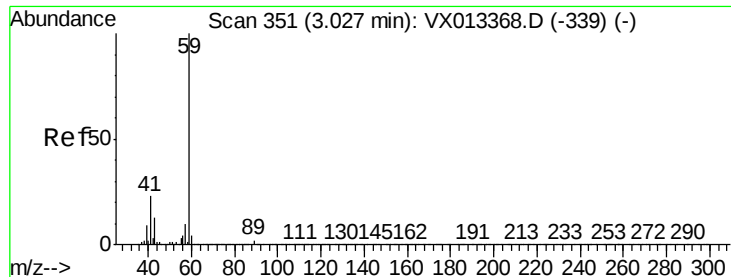
61 141.9 117.0 175.6

98 64.4 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 84.569 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

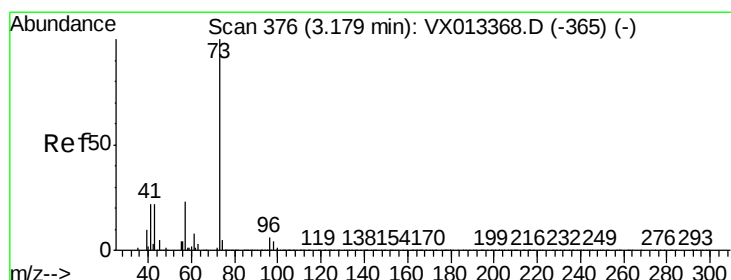
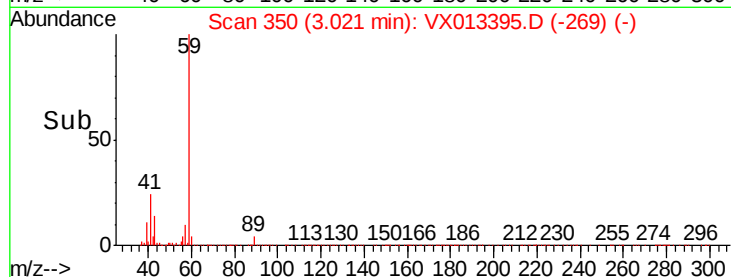
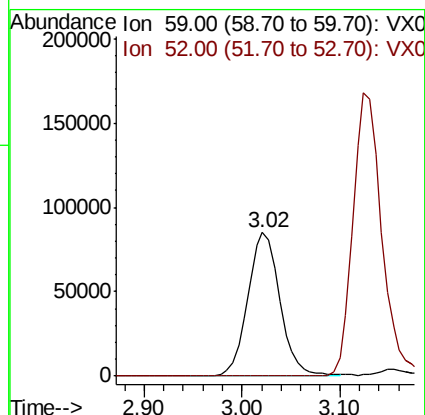
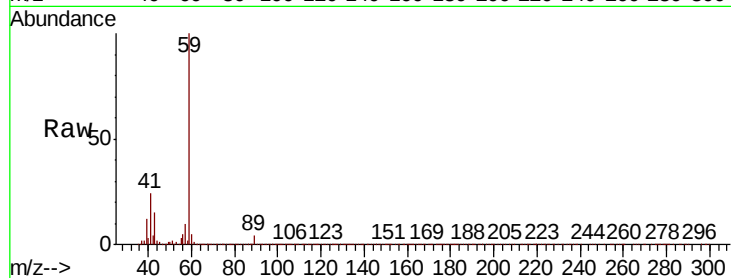
ClientSampleId :

Tot Ion: 59 Resp: 194488

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.762 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013395.D

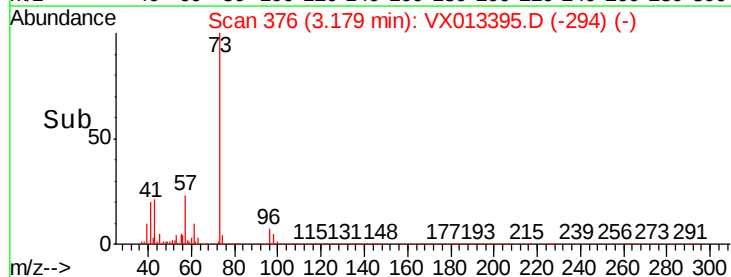
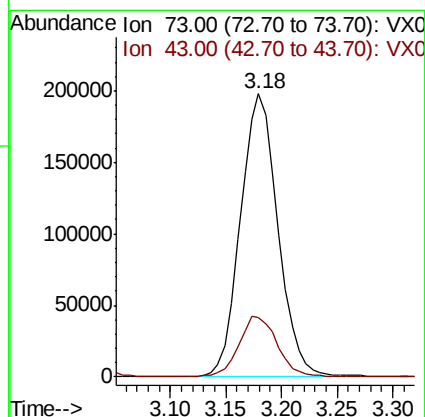
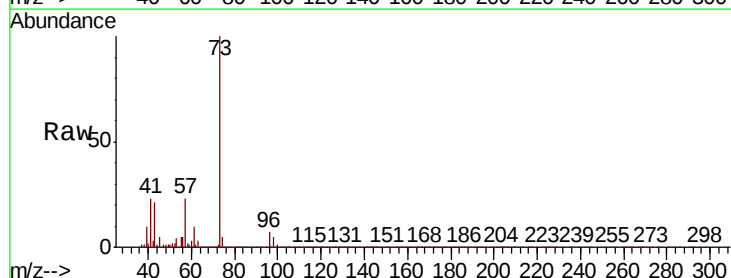
Acq: 12 Nov 2019 19:11

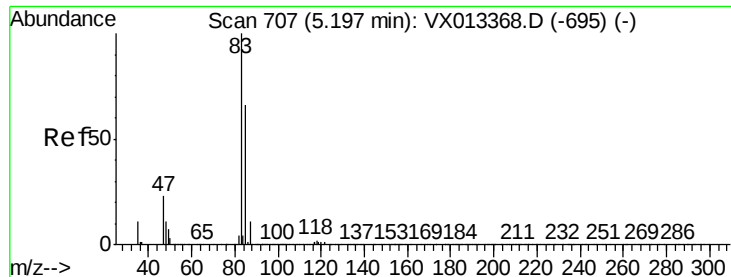
Tgt Ion: 73 Resp: 460514

Ion Ratio Lower Upper

73 100

43 21.4 17.0 25.6

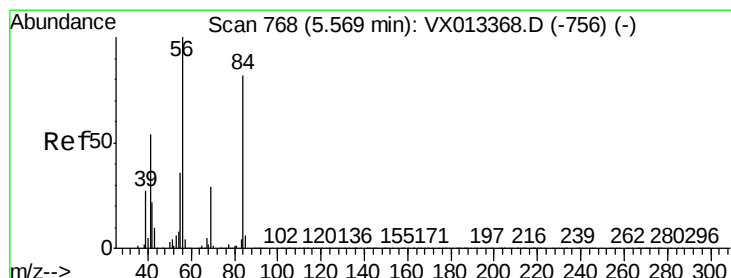
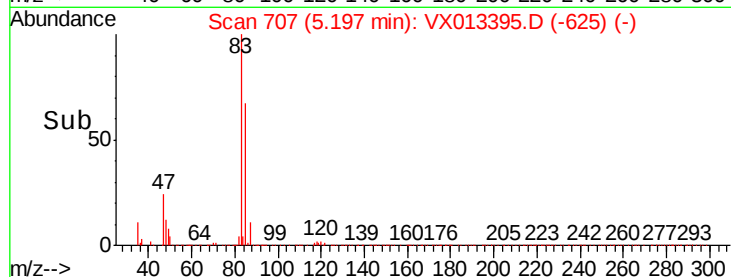
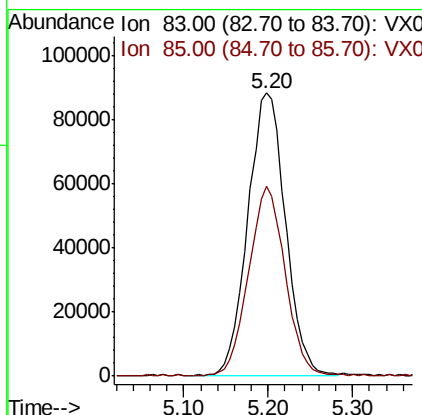
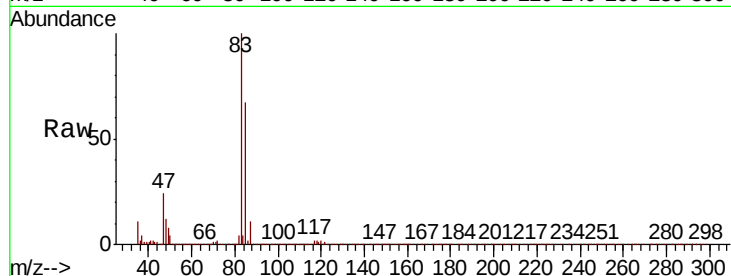




#25
Chloroform
Concen: 19.192 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

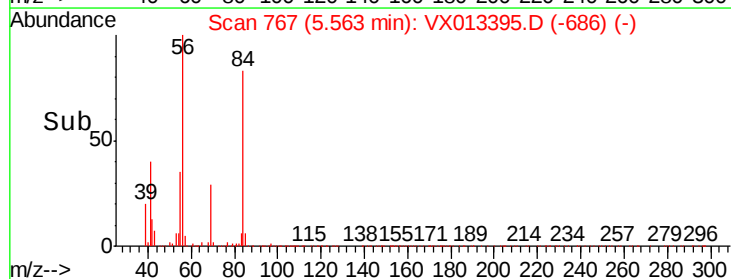
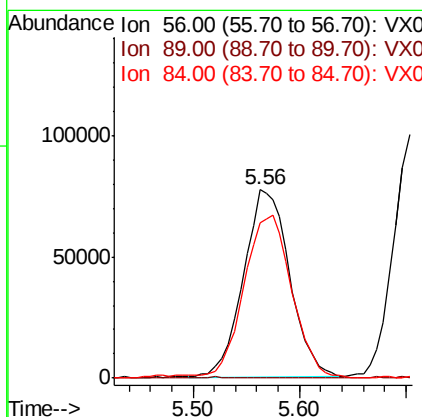
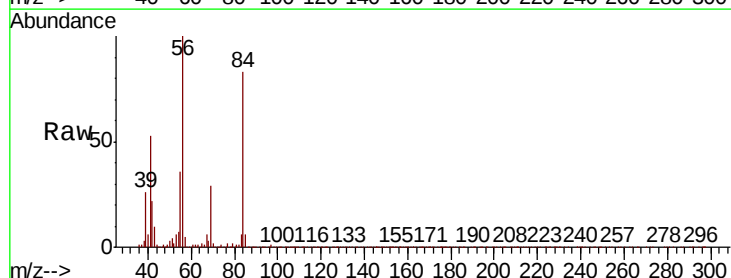
Instrument :
MSVOA_X
ClientSampleId :

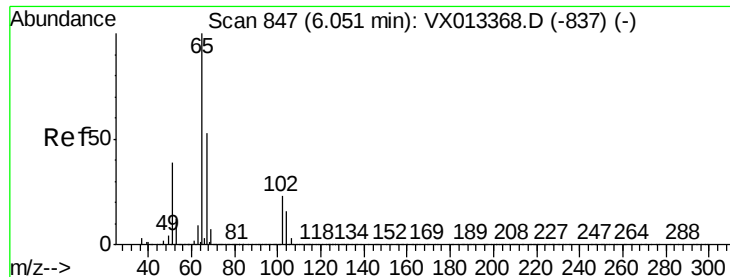
Tot Ion: 83 Resp: 268854
Ion Ratio Lower Upper
83 100
85 66.9 52.4 78.6



#26
Cyclohexane
Concen: 18.064 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 56 Resp: 234770
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 89.6 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 29.135 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

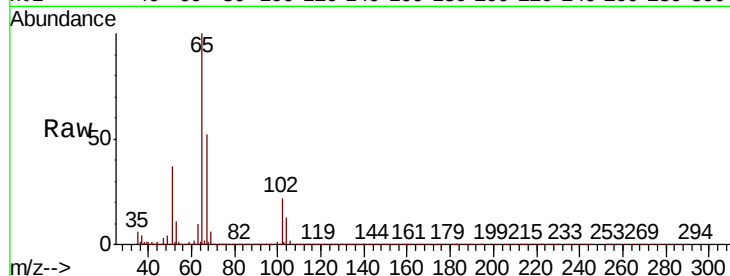
ClientSampleId :

Tot Ion: 65 Resp: 258340

Ion Ratio Lower Upper

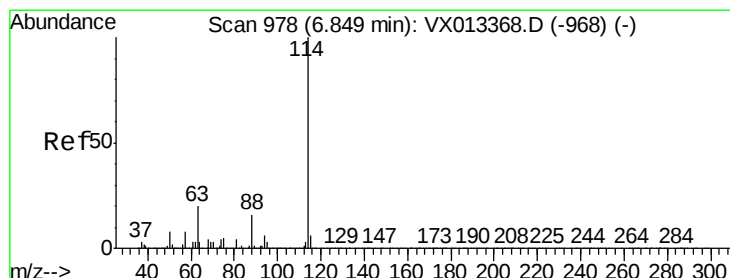
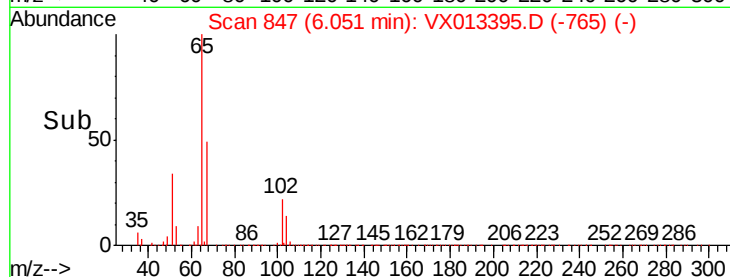
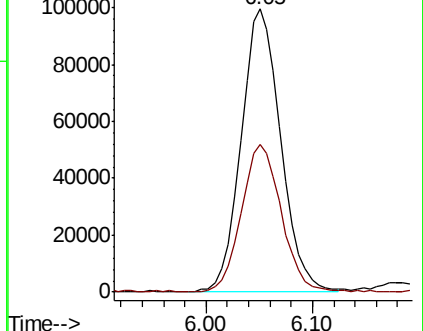
65 100

67 52.6 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

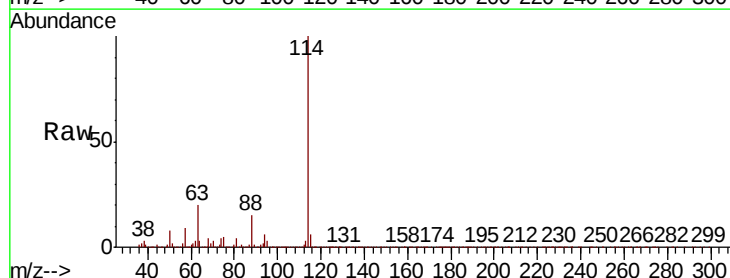
Tgt Ion: 114 Resp: 668908

Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

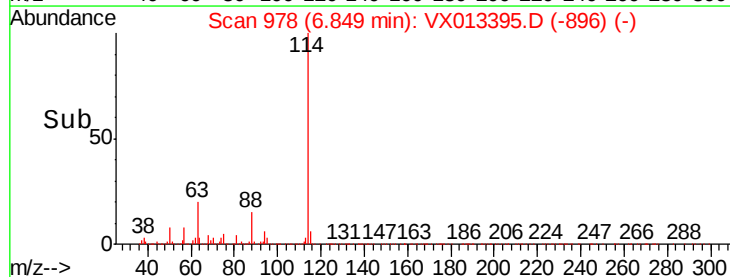
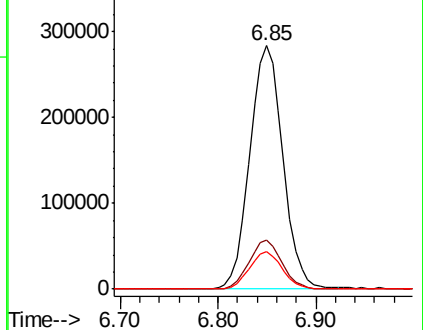
88 15.2 12.3 18.5

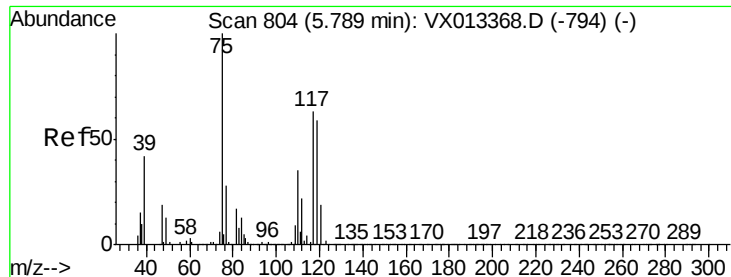


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

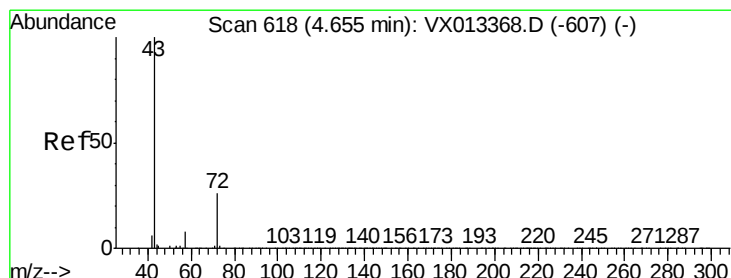
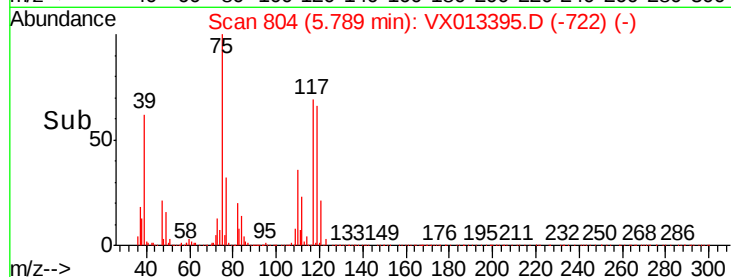
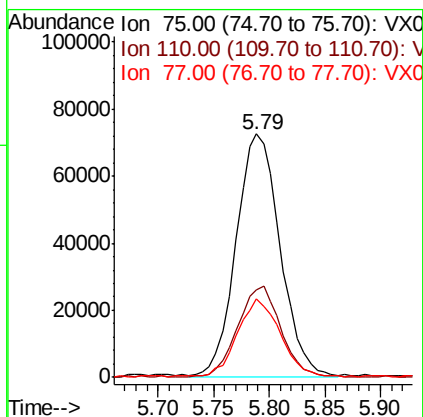
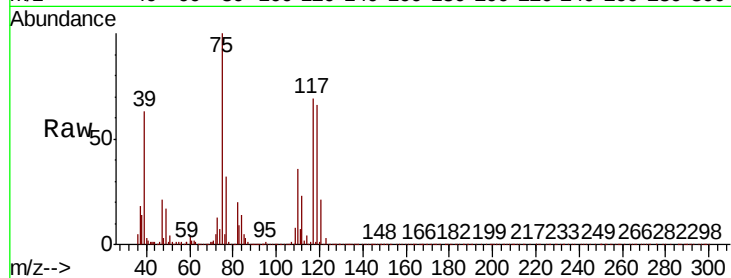




#29
 1,1-Dichloropropene
 Concen: 19.581 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

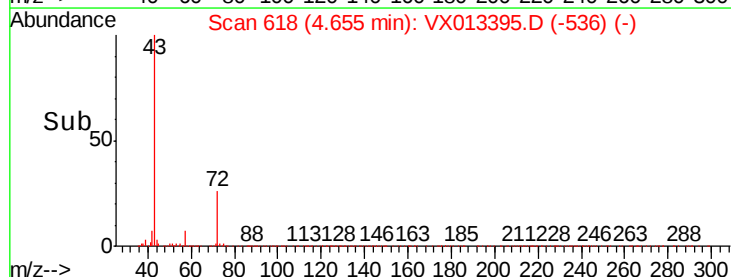
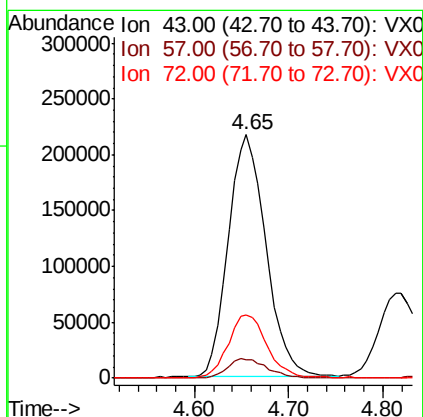
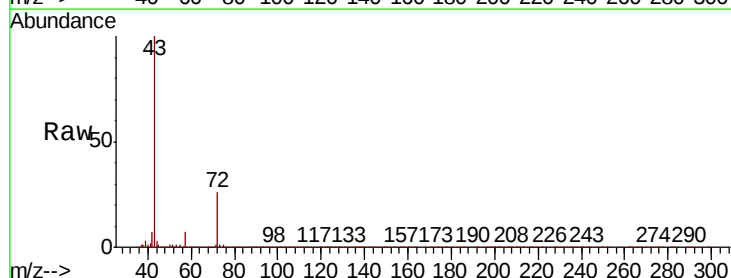
Instrument :
 MSVOA_X
 ClientSampleId :

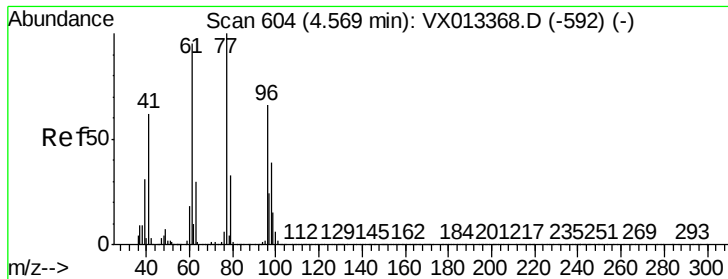
Tot Ion:	75	Resp:	200056
Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	74.6
77	31.2	0.0	62.6



#30
 2-Butanone
 Concen: 90.152 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion:	43	Resp:	607953
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.1	9.1
72	26.0	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.709 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

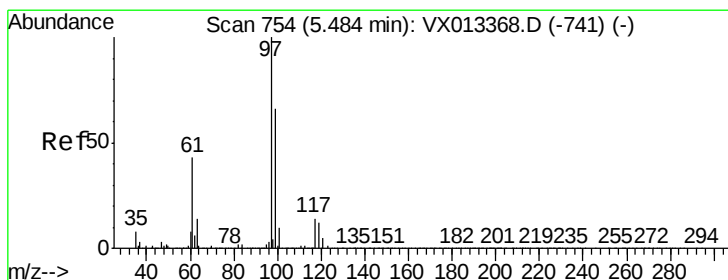
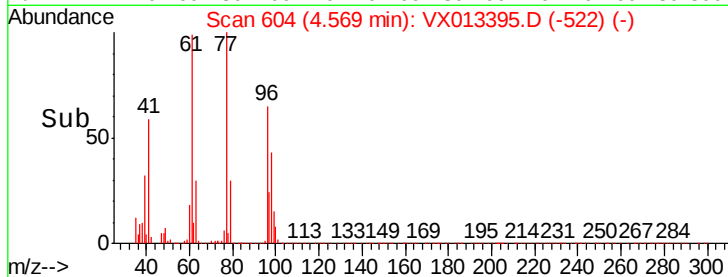
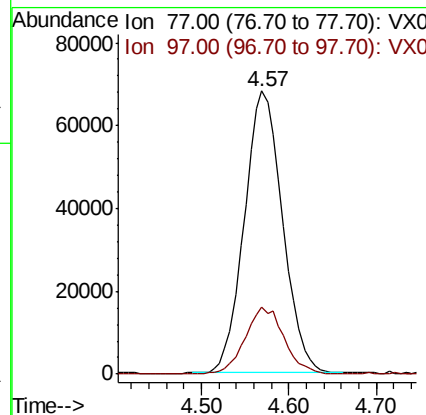
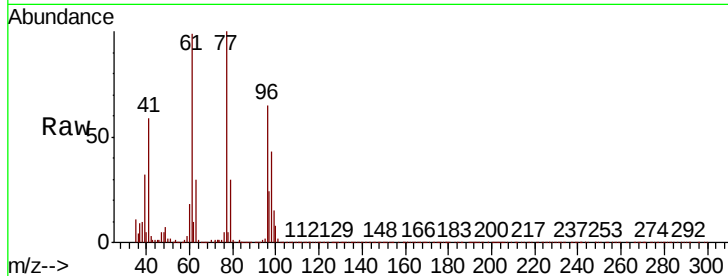
ClientSampleId :

Tot Ion: 77 Resp: 207013

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.625 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

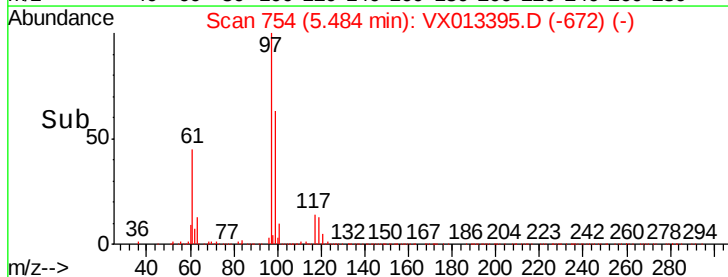
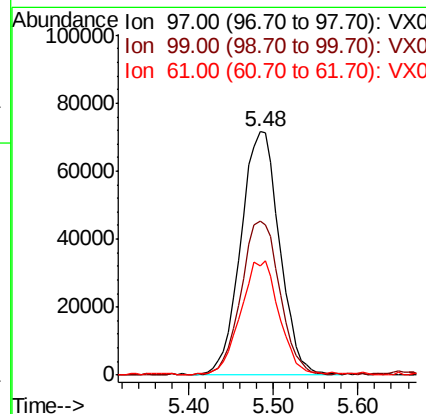
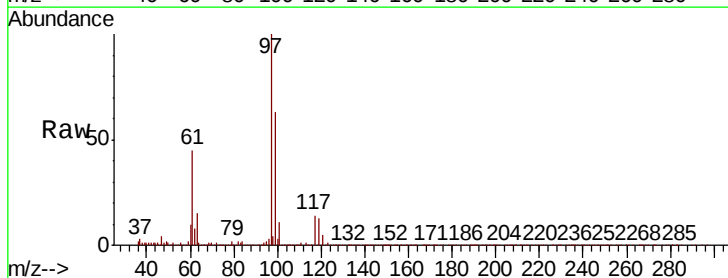
Tgt Ion: 97 Resp: 222865

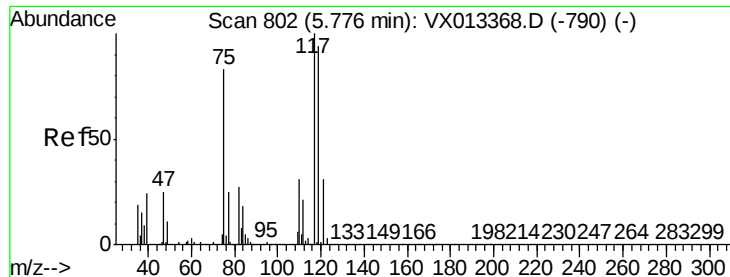
Ion Ratio Lower Upper

97 100

99 63.3 52.5 78.7

61 45.3 36.1 54.1

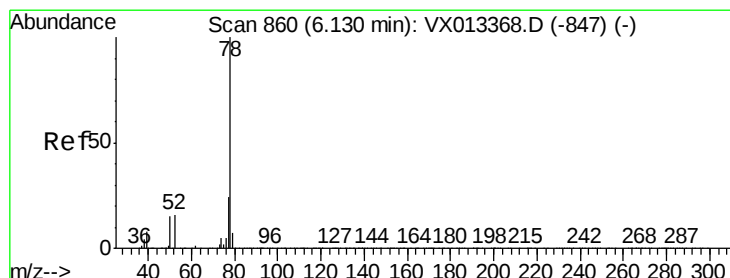
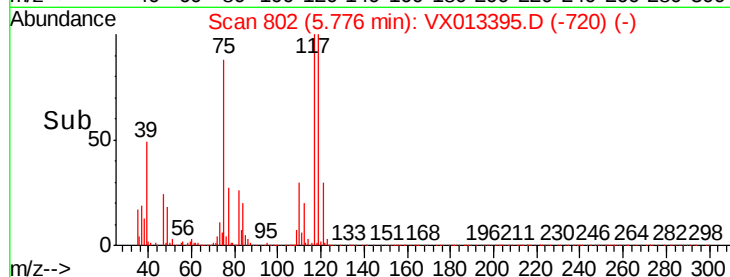
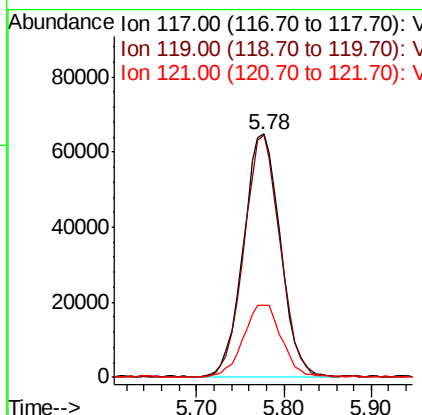
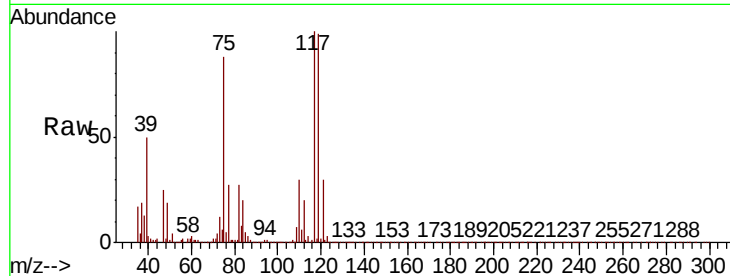




#33
Carbon Tetrachloride
Concen: 19.299 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

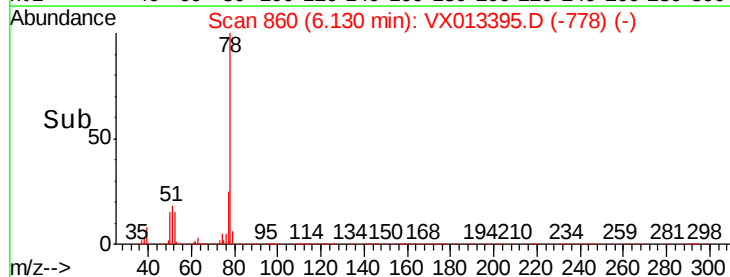
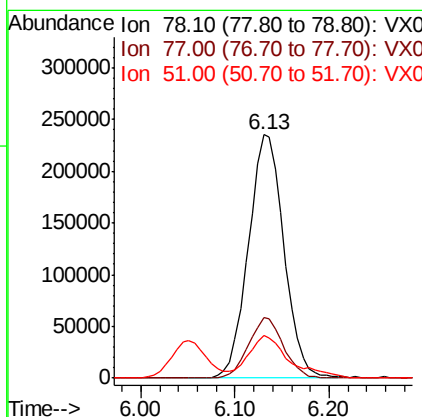
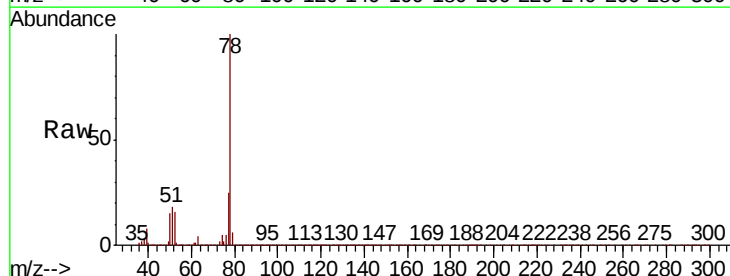
Instrument :
MSVOA_X
ClientSampleId :

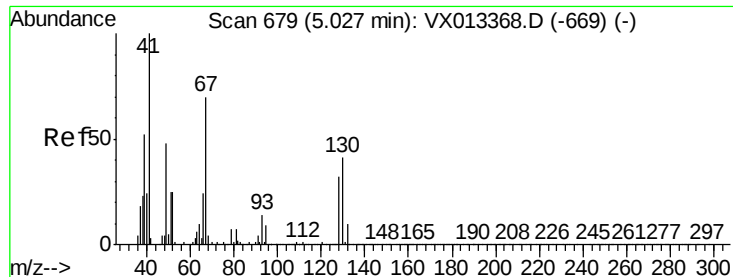
Tot Ion:117 Resp: 190364
Ion Ratio Lower Upper
117 100
119 99.9 75.0 112.6
121 29.3 24.9 37.3



#34
Benzene
Concen: 20.017 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 78 Resp: 620323
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9
51 16.7 12.2 18.4

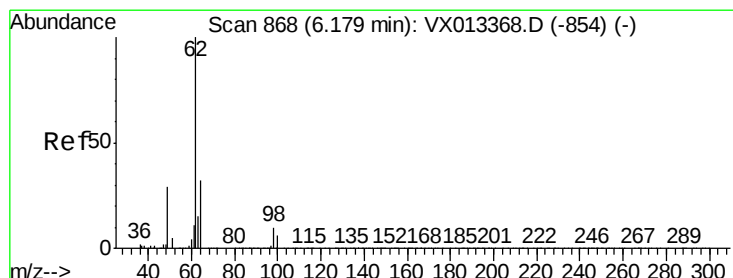
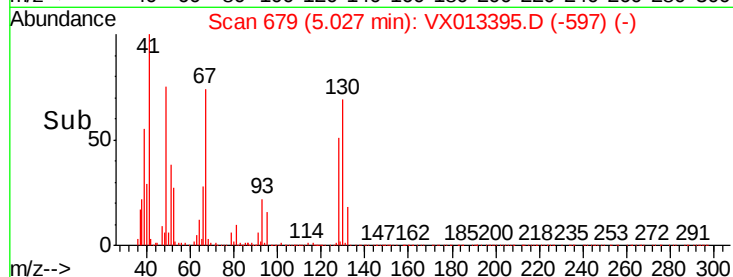
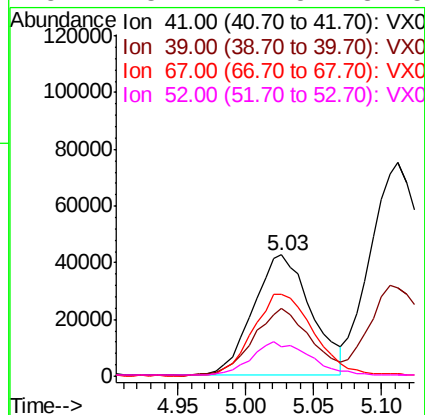
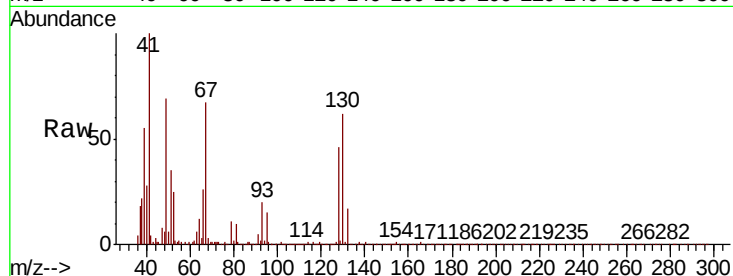




#35
Methacrylonitrile
Concen: 18.946 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

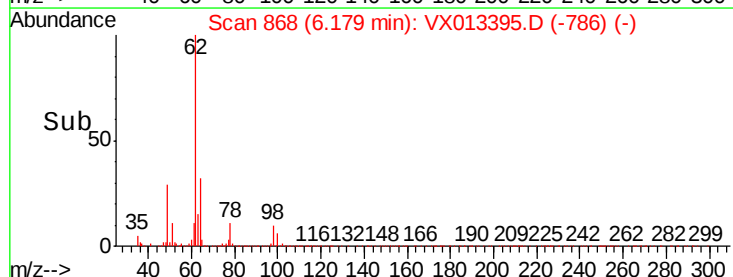
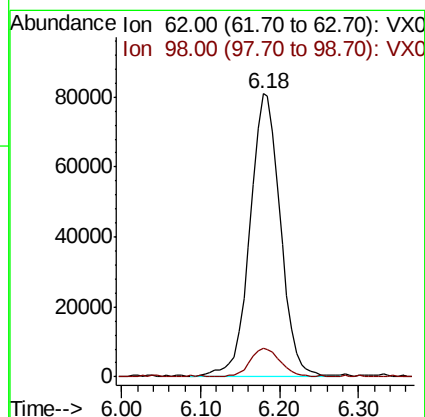
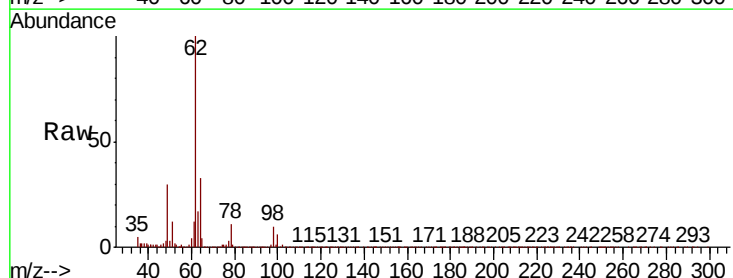
Instrument :
MSVOA_X
ClientSampled :

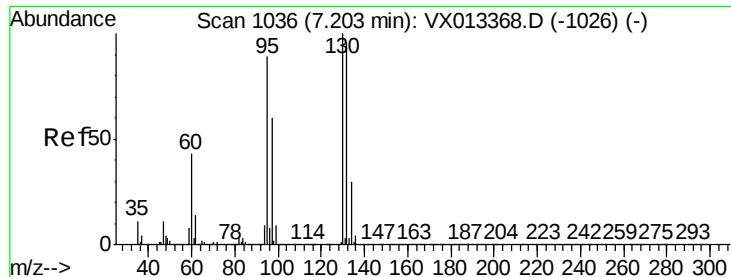
Tot Ion:	41	Resp:	127588
Ion	Ratio	Lower	Upper
41	100		
39	55.1	25.9	77.8
67	66.9	35.1	105.5
52	23.4	12.5	37.5



#36
1,2-Dichloroethane
Concen: 19.904 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion:	62	Resp:	215898
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.2	12.2





#37

Trichloroethene

Concen: 19.667 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

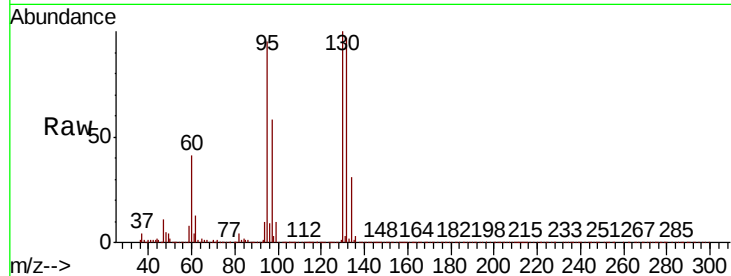
ClientSampleId :

Tot Ion:130 Resp: 163277

Ion Ratio Lower Upper

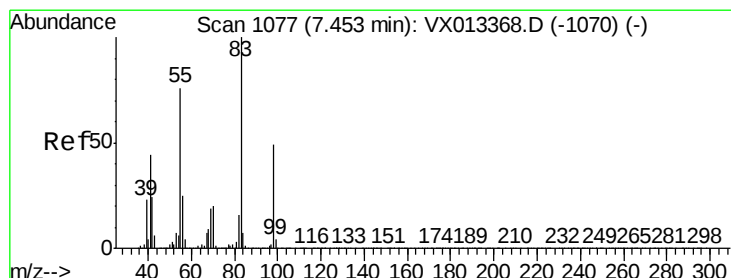
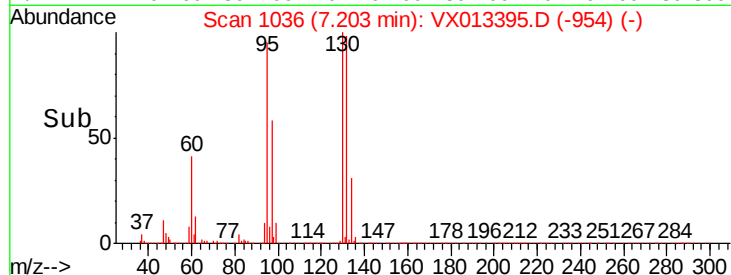
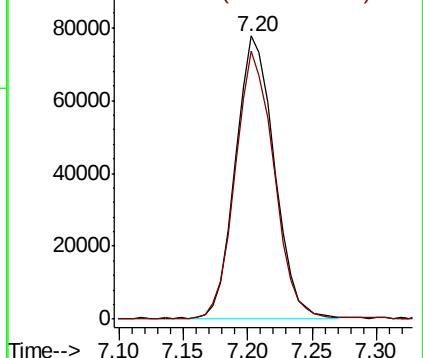
130 100

95 94.4 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.250 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

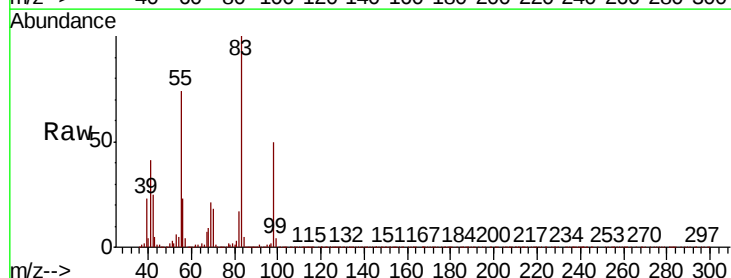
Tgt Ion: 83 Resp: 241148

Ion Ratio Lower Upper

83 100

55 76.2 37.9 113.7

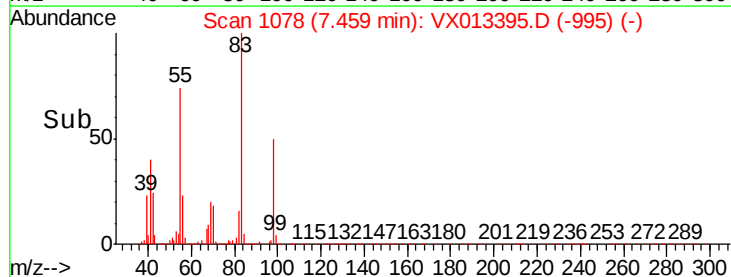
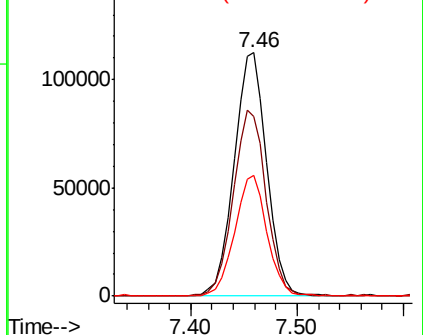
98 48.7 25.1 75.3

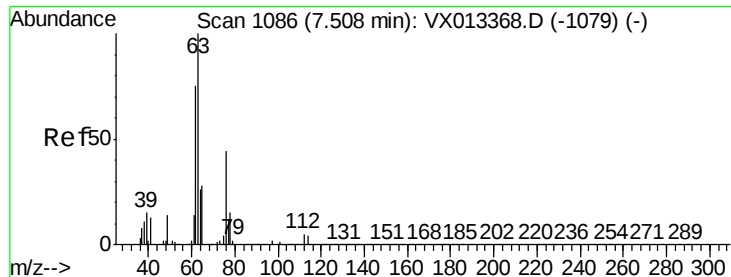


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

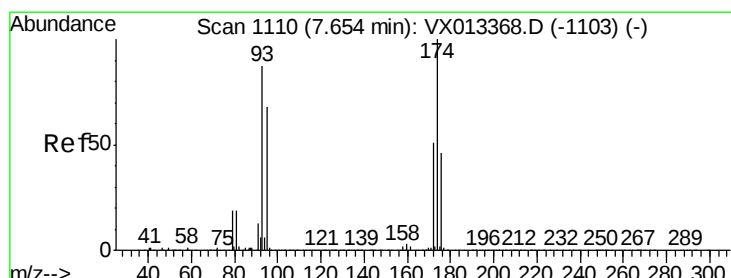
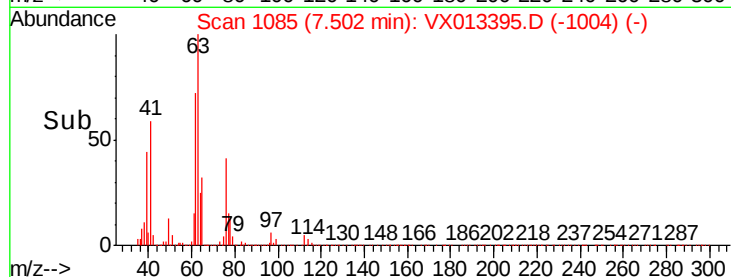
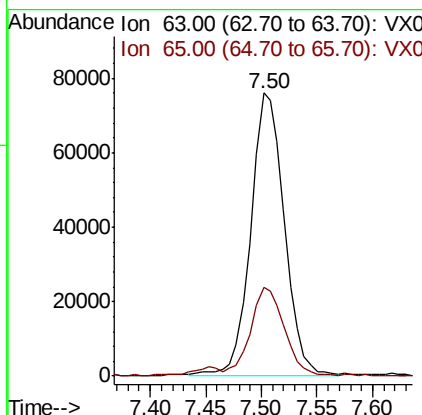
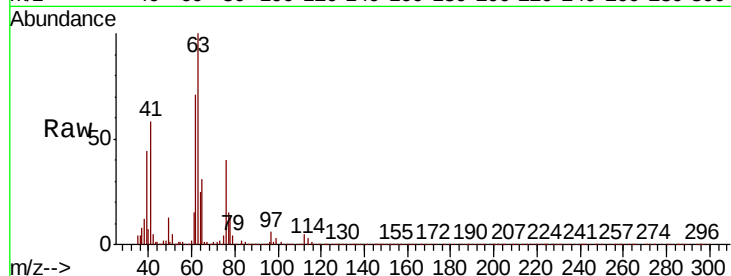




#39
 1,2-Dichloropropane
 Concen: 19.780 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

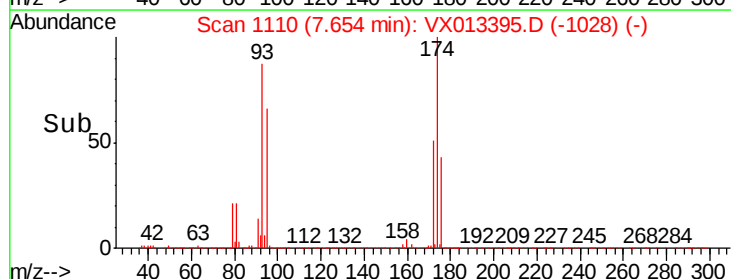
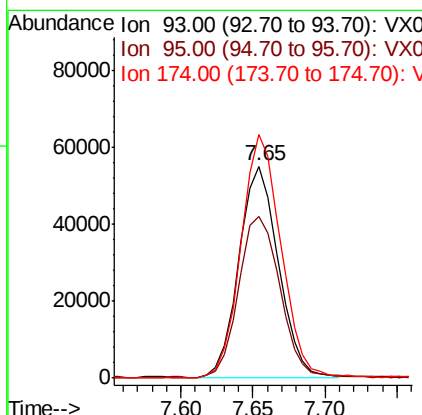
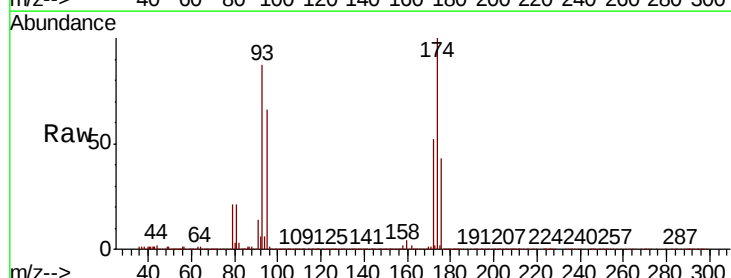
Instrument :
 MSVOA_X
 ClientSampleId :

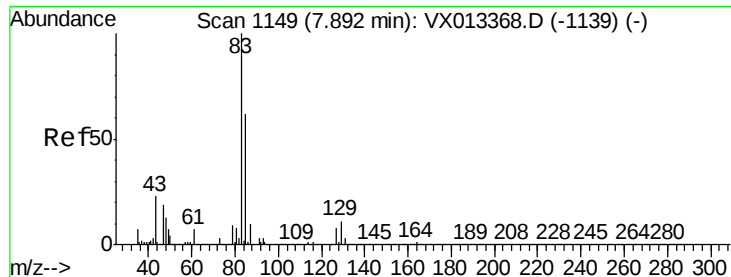
Tot Ion: 63 Resp: 158498
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.8 35.8



#40
 Dibromomethane
 Concen: 19.660 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion: 93 Resp: 104841
 Ion Ratio Lower Upper
 93 100
 95 80.3 0.0 160.8
 174 115.5 0.0 228.8





#41

Bromodichloromethane

Concen: 19.027 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampled :

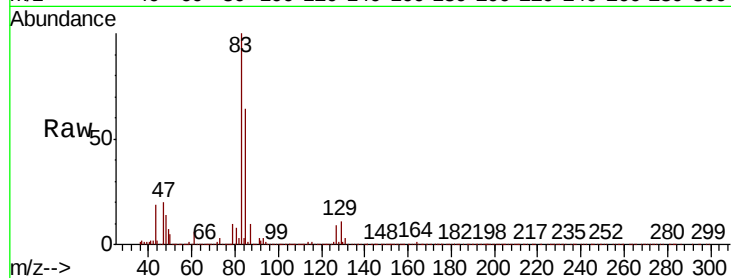
Tot Ion: 83 Resp: 198069

Ion Ratio Lower Upper

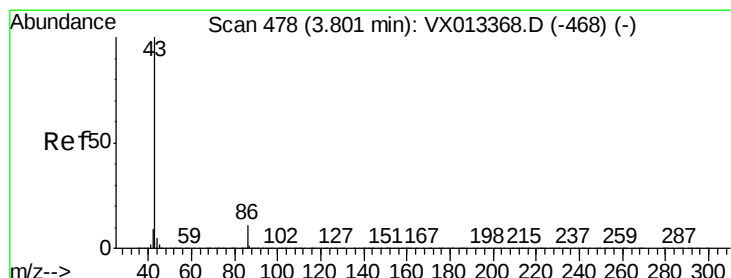
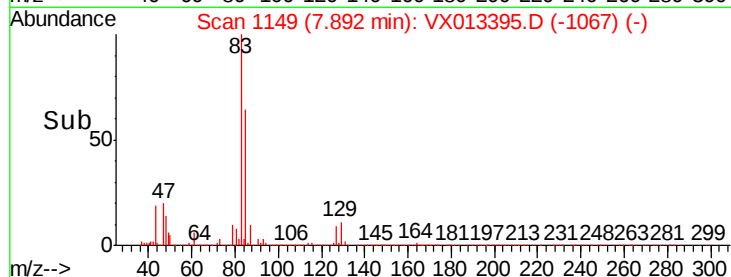
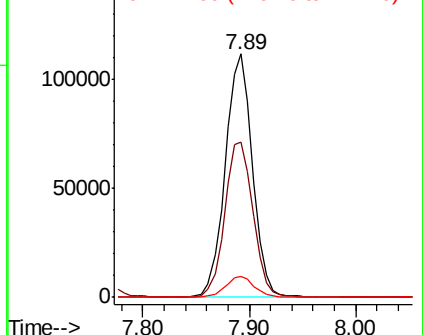
83 100

85 63.7 49.3 73.9

127 8.7 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 96.659 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013395.D

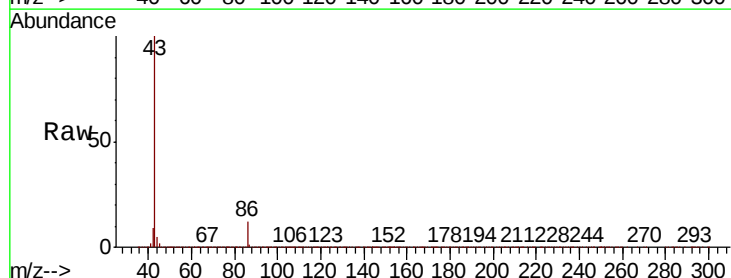
Acq: 12 Nov 2019 19:11

Tgt Ion: 43 Resp: 2052234

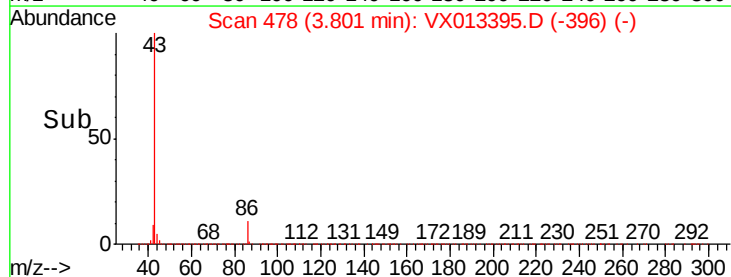
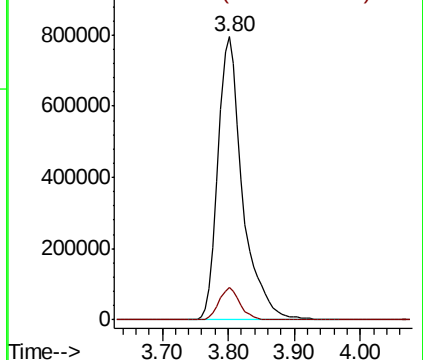
Ion Ratio Lower Upper

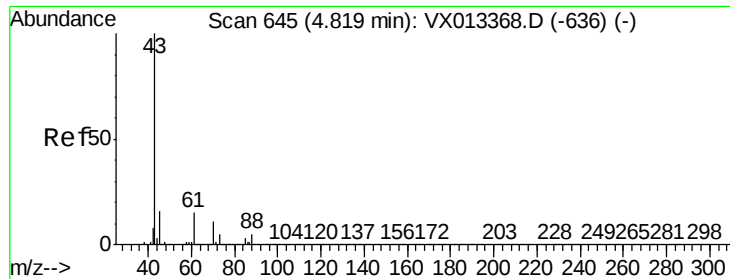
43 100

86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

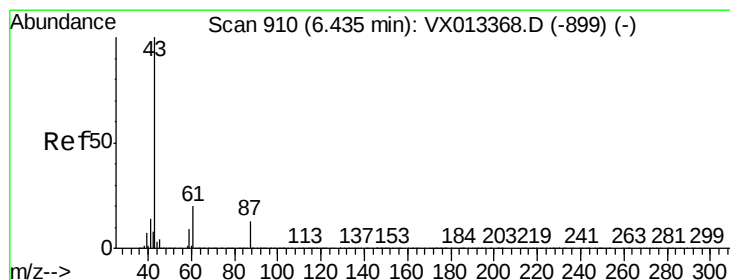
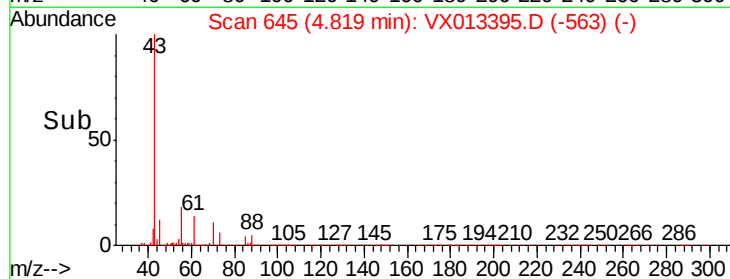
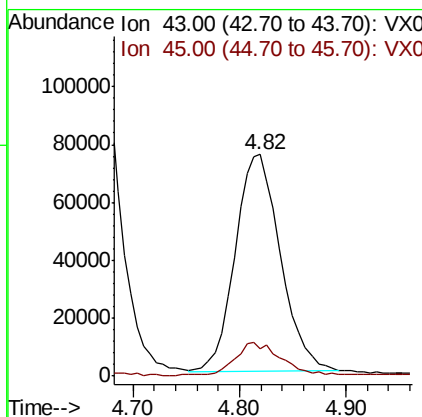
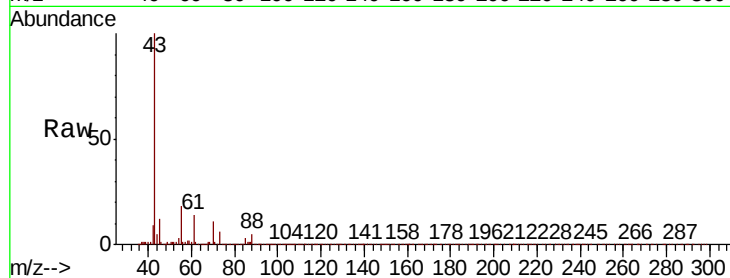




#43
Ethyl Acetate
Concen: 18.121 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

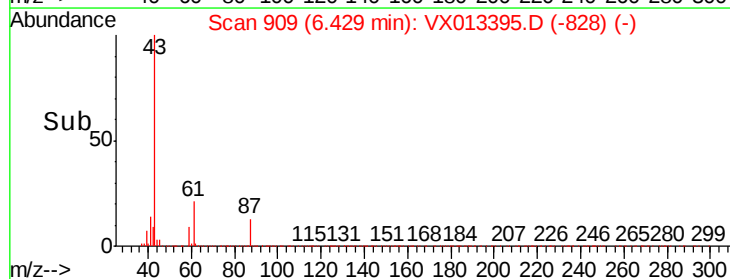
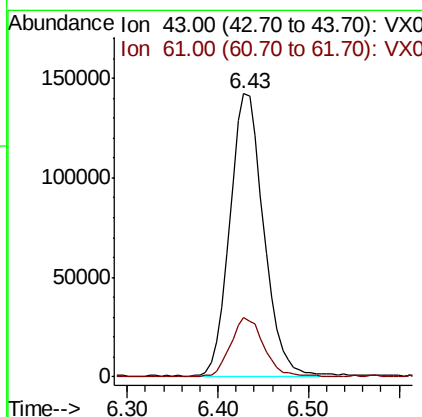
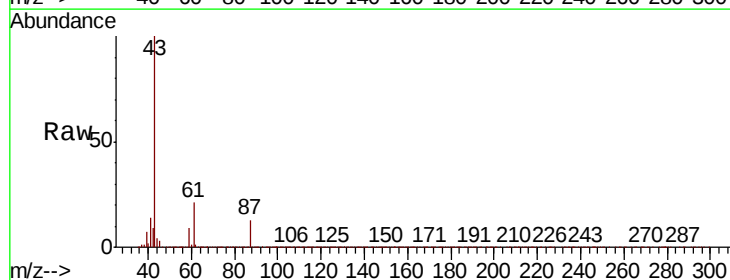
Instrument :
MSVOA_X
ClientSampleId :

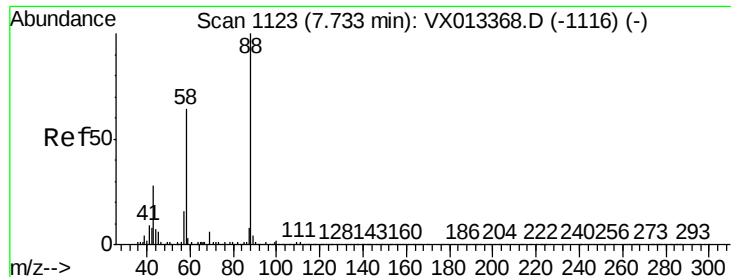
Tot Ion: 43 Resp: 222879
Ion Ratio Lower Upper
43 100
45 15.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 43 Resp: 366908
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.8





#45

1,4-Dioxane

Concen: 369.223 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

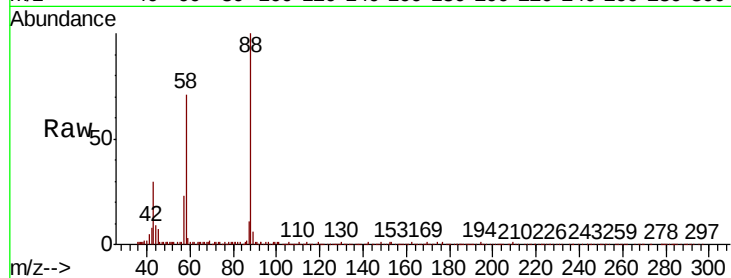
Tot Ion: 88 Resp: 80594

Ion Ratio Lower Upper

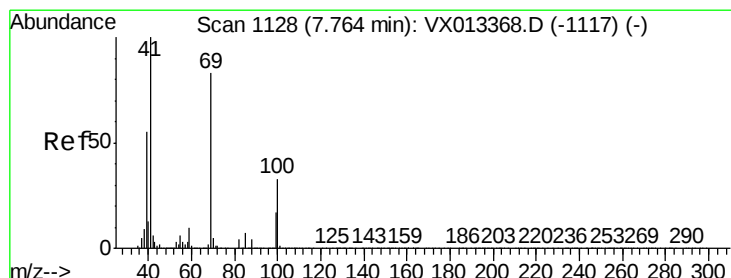
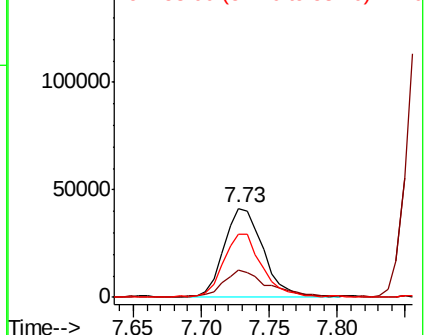
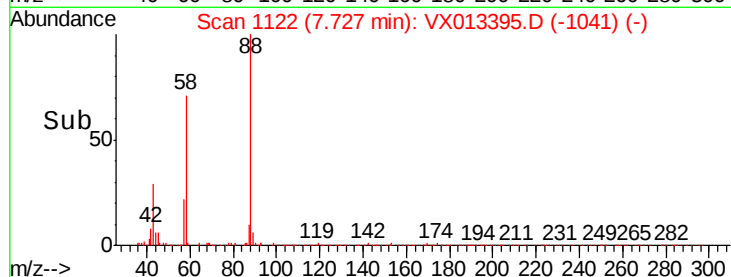
88 100

43 32.7 26.1 39.1

58 70.4 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.648 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

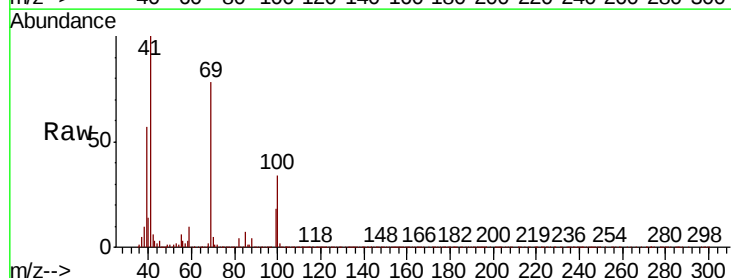
Tgt Ion: 41 Resp: 183395

Ion Ratio Lower Upper

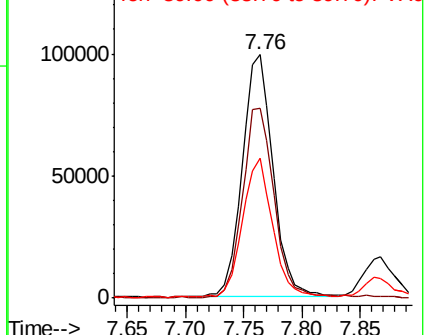
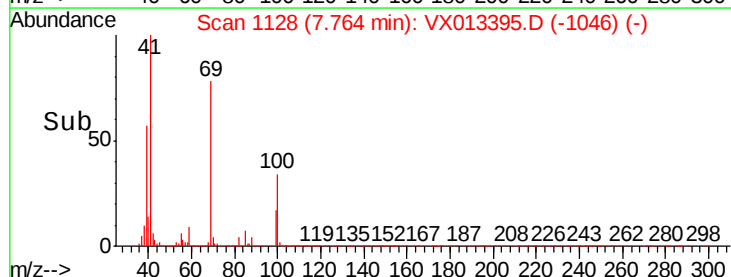
41 100

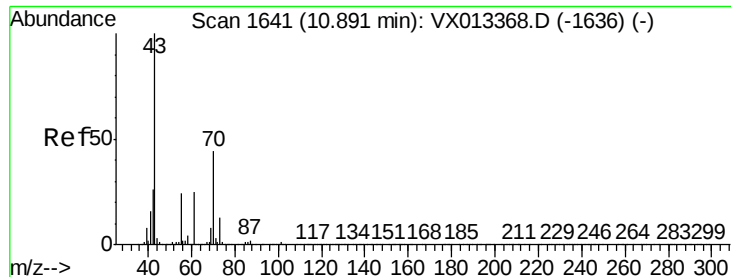
69 78.2 41.4 124.4

39 57.1 27.9 83.6



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





#47

n-amvl Acetate

Concen: 18.282 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

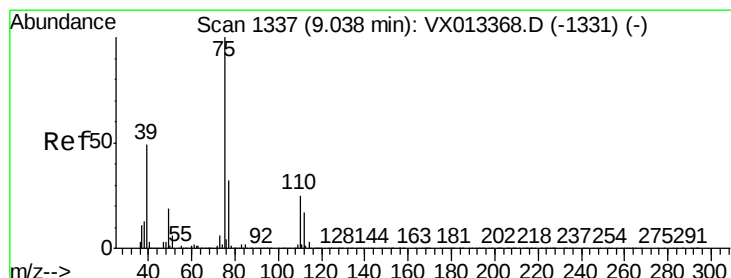
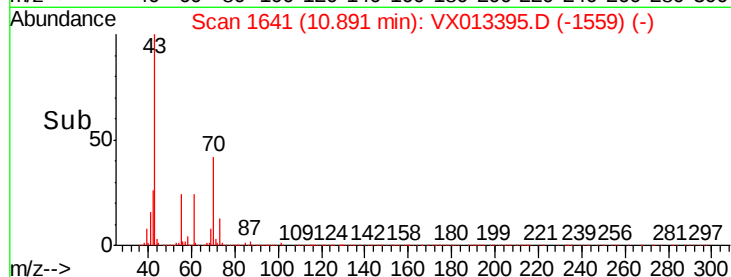
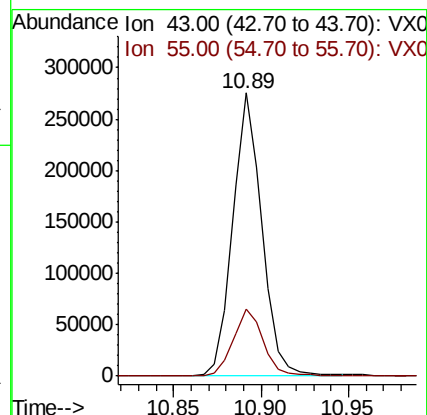
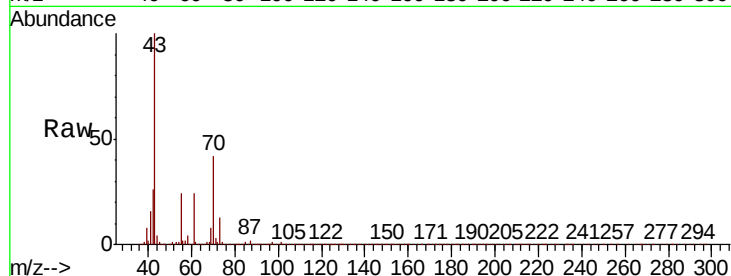
ClientSampleId :

Tot Ion: 43 Resp: 317051

Ion Ratio Lower Upper

43 100

55 24.1 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.349 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013395.D

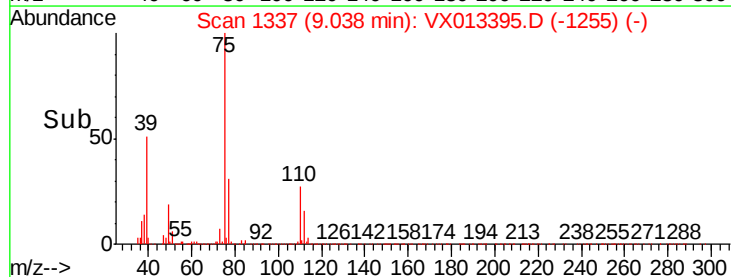
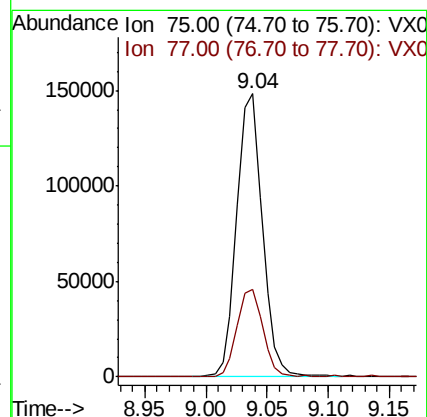
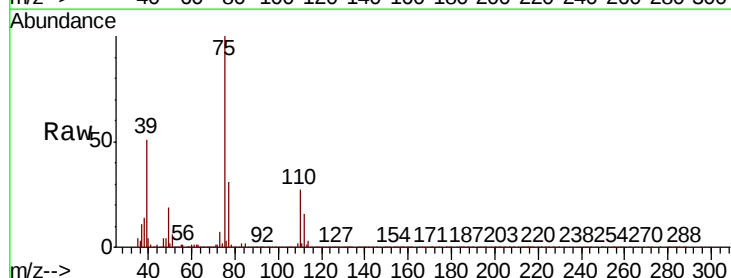
Acq: 12 Nov 2019 19:11

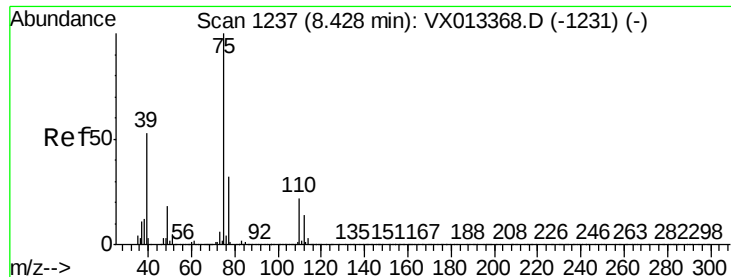
Tgt Ion: 75 Resp: 214191

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



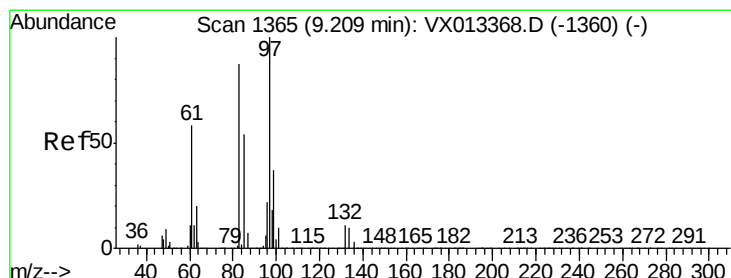
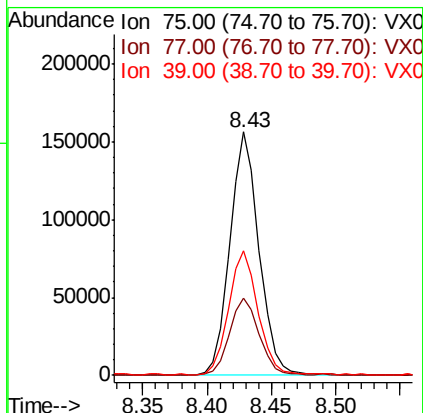
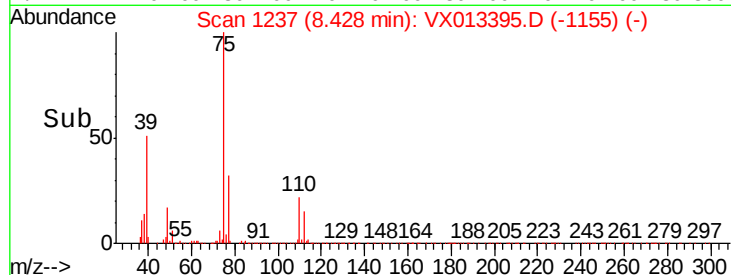
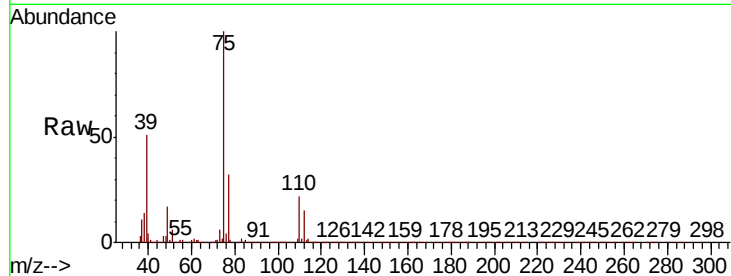


#49

cis-1,3-Dichloropropene
Concen: 19.208 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampled :

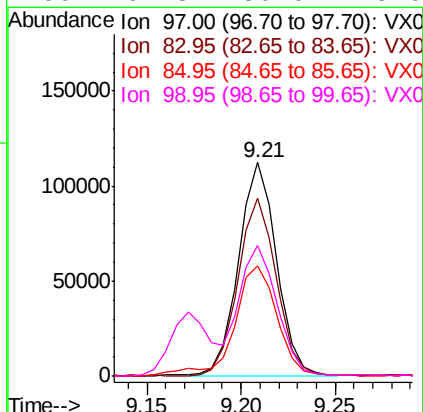
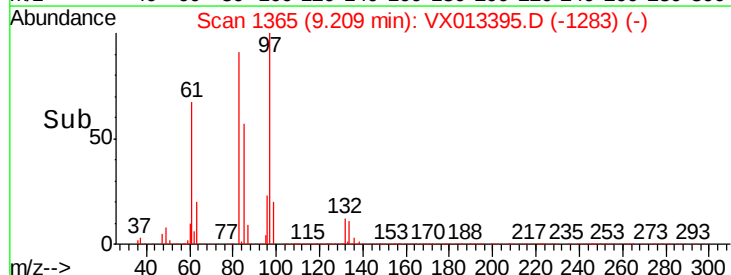
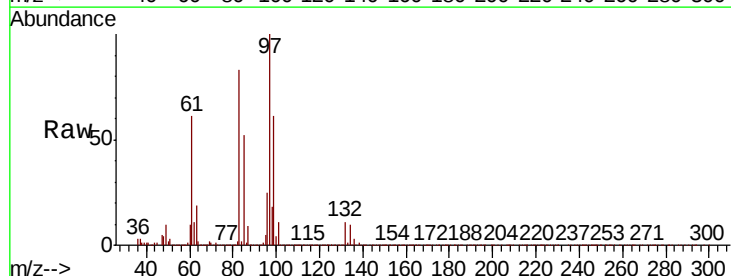
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	51.0	42.2	63.4

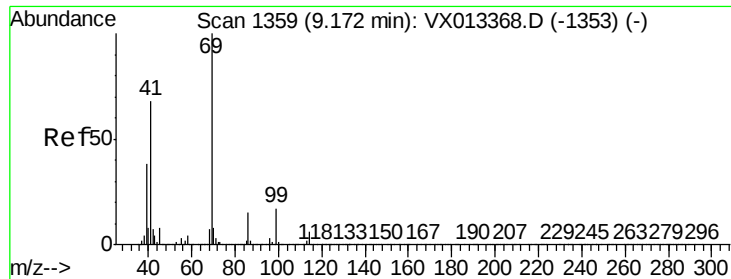


#50

1,1,2-Trichloroethane
Concen: 19.939 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	51.6	45.5	68.3
99	61.3	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.952 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

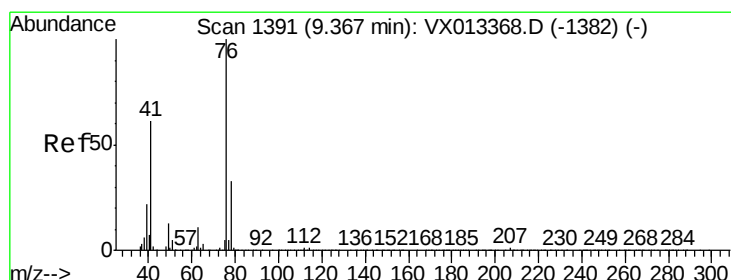
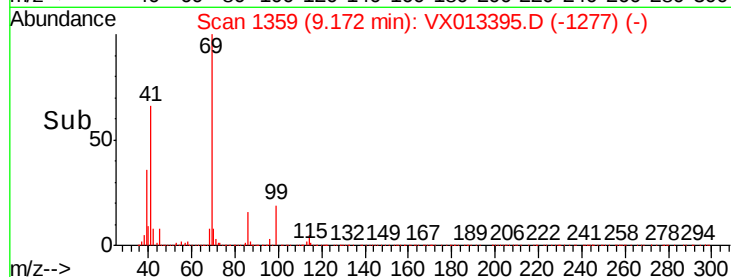
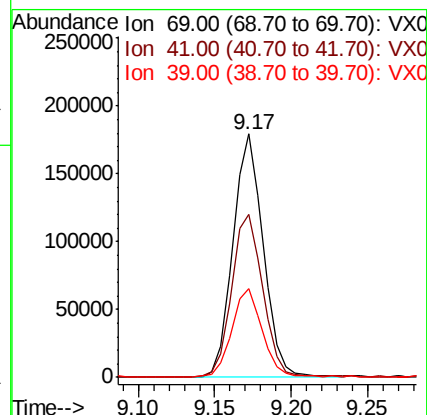
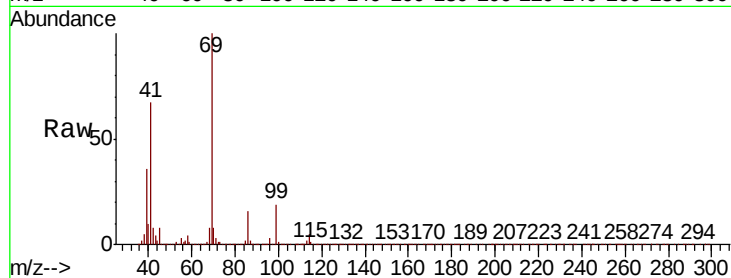
Tot Ion: 69 Resp: 246232

Ion Ratio Lower Upper

69 100

41 66.7 33.9 101.6

39 36.1 18.8 56.4



#52

1,3-Dichloropropane

Concen: 19.560 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013395.D

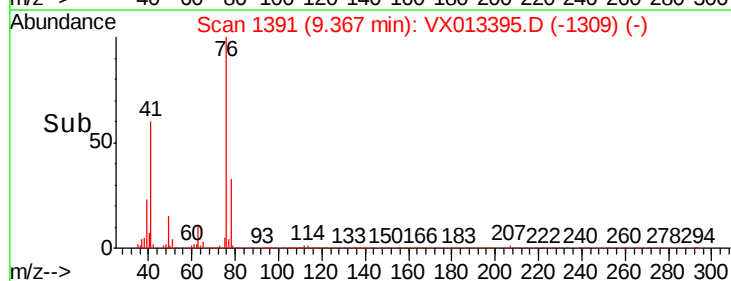
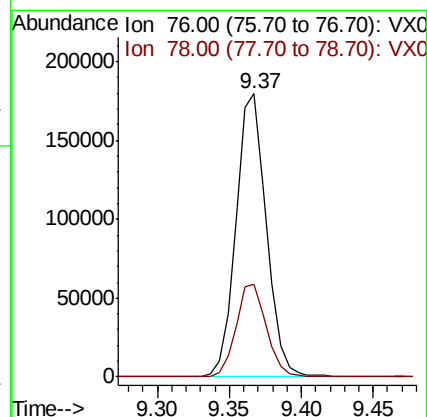
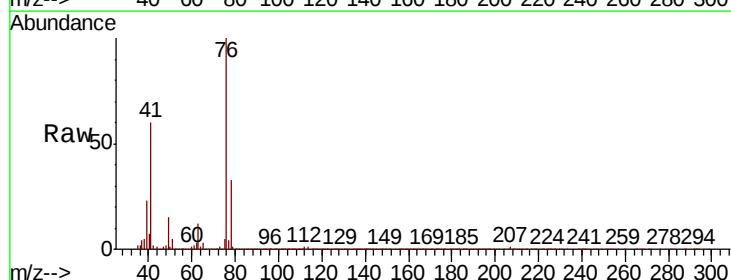
Acq: 12 Nov 2019 19:11

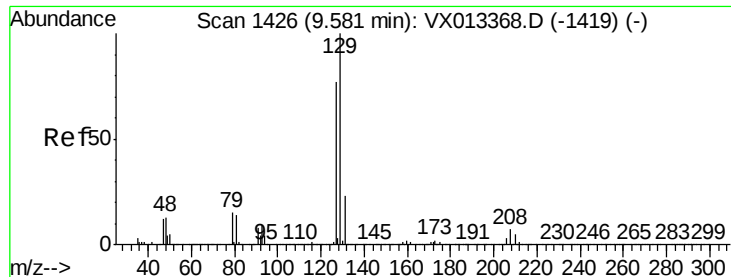
Tgt Ion: 76 Resp: 263863

Ion Ratio Lower Upper

76 100

78 33.0 0.0 63.6





#53

Dibromochloromethane

Concen: 18.957 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

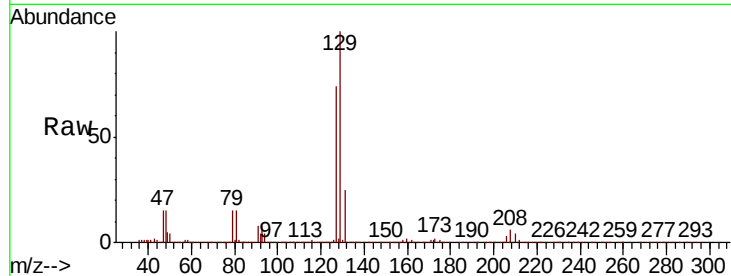
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 158546

Ion Ratio Lower Upper

129 100

127 77.2 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

120000

100000

80000

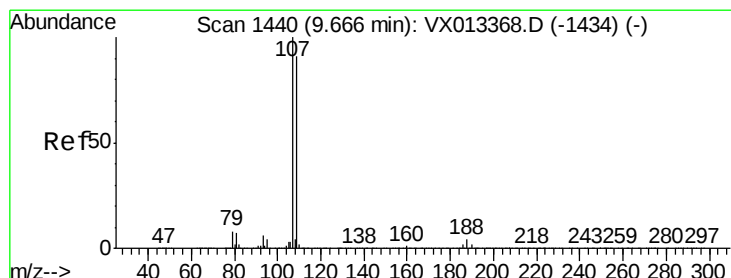
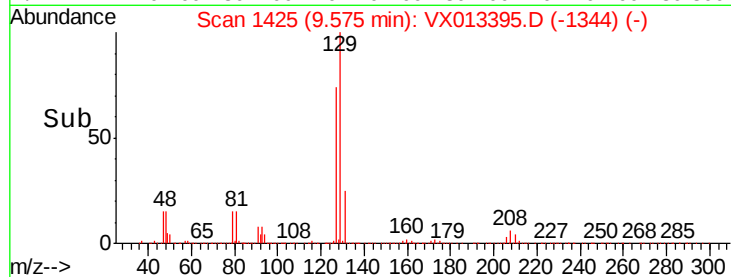
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.549 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013395.D

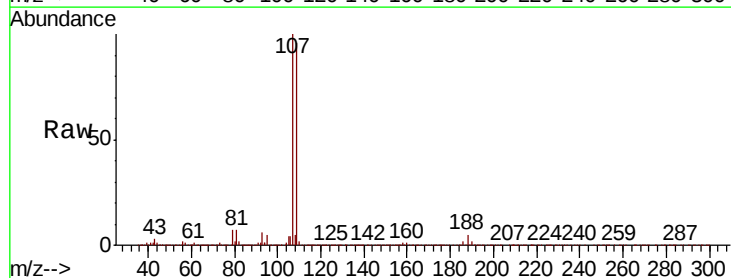
Acq: 12 Nov 2019 19:11

Tgt Ion:107 Resp: 164954

Ion Ratio Lower Upper

107 100

109 94.5 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

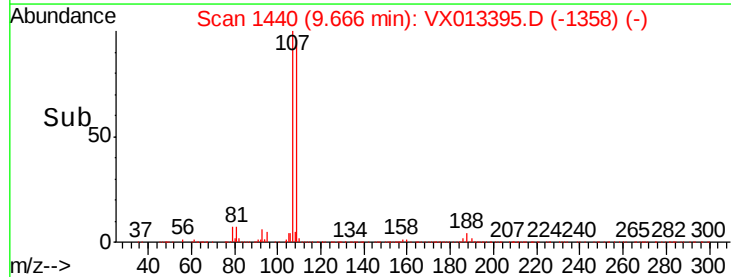
9.67

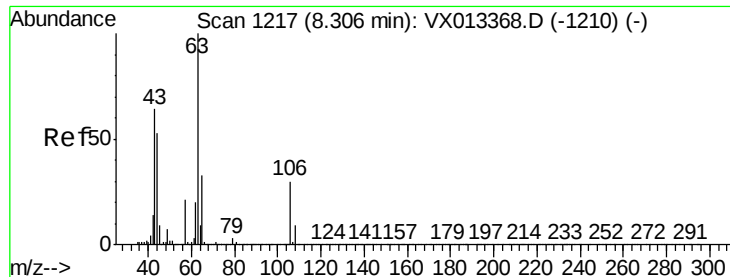
100000

50000

0

Time--> 9.60 9.65 9.70 9.75





#55

2-Chloroethyl vinyl ether

Concen: 88.116 ug/l

RT: 8.30 min Scan# 1216

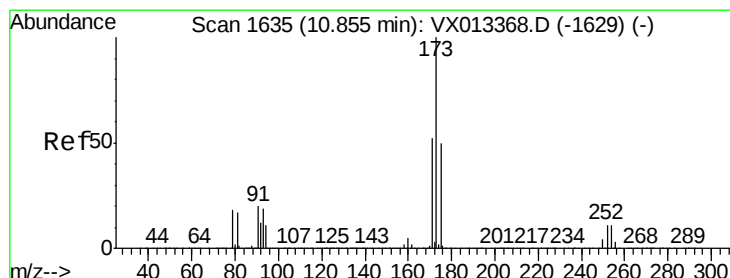
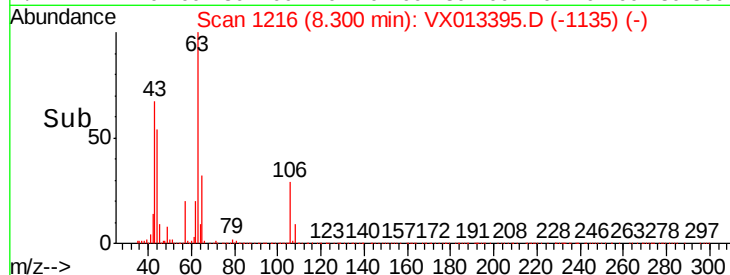
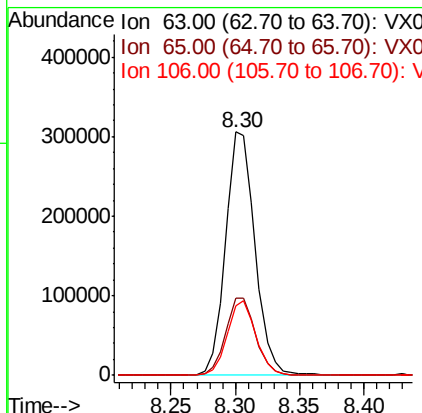
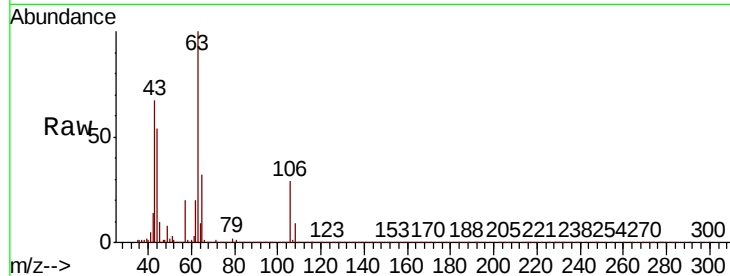
Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	489166
Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	30.0	23.5	35.3



#56

Bromoform

Concen: 18.181 ug/l

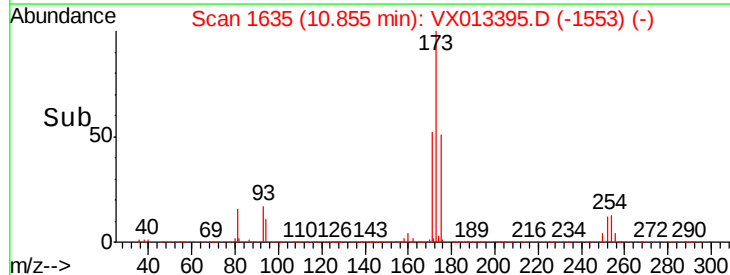
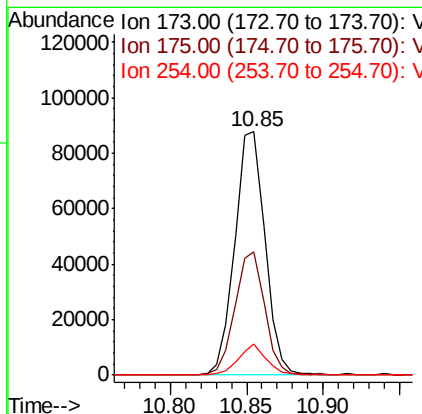
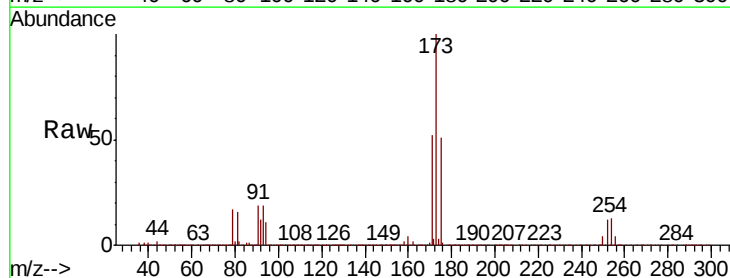
RT: 10.85 min Scan# 1635

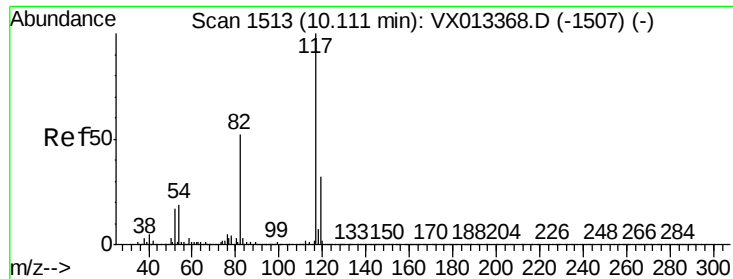
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	173	Resp:	121005
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.4	59.0
254	11.4	8.6	12.8

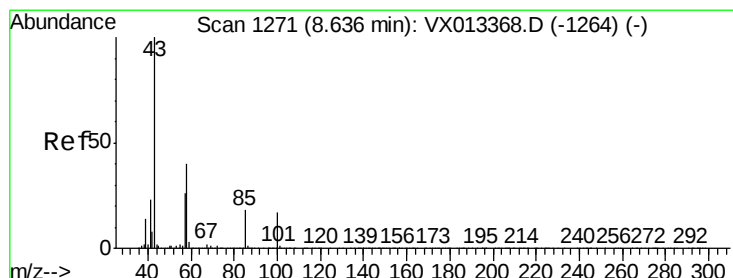
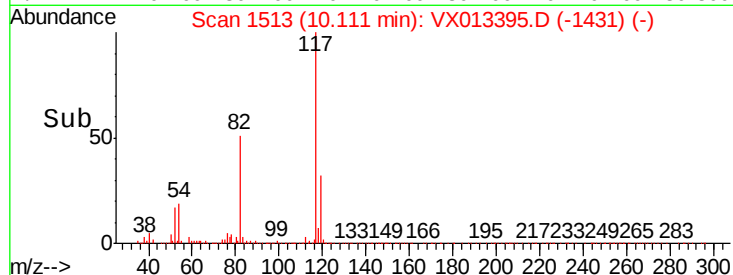
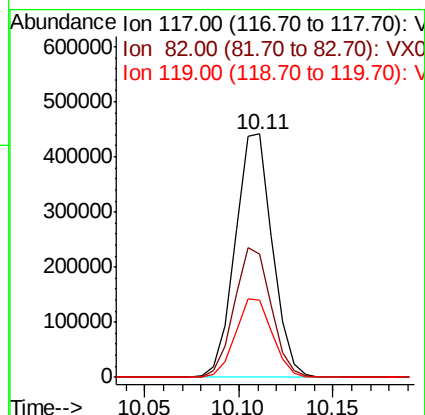
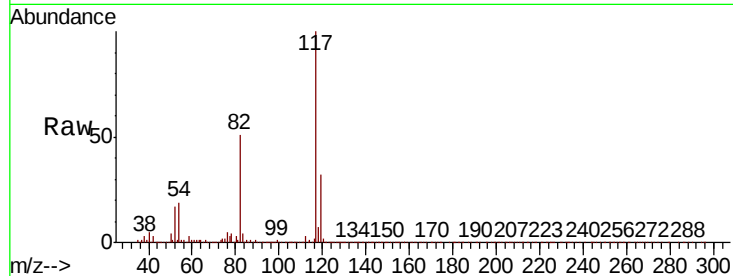




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

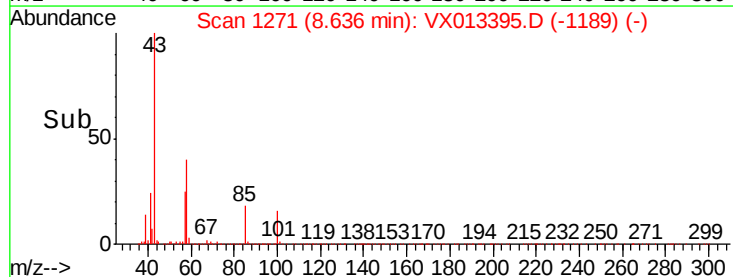
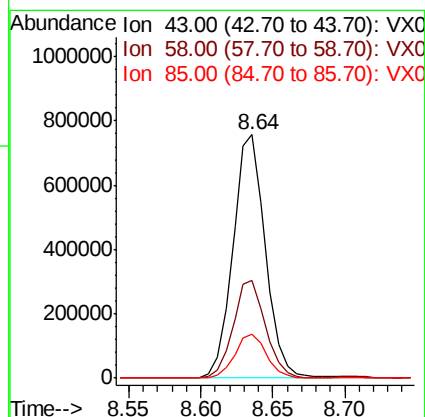
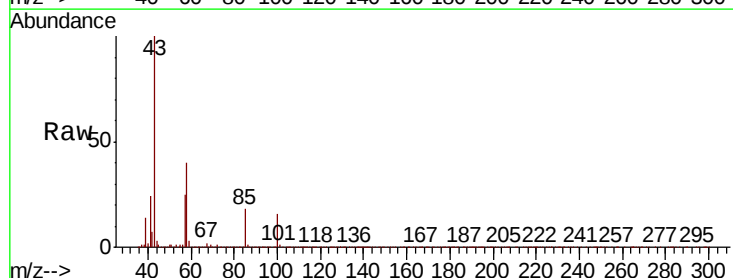
Instrument :
MSVOA_X
ClientSampled :

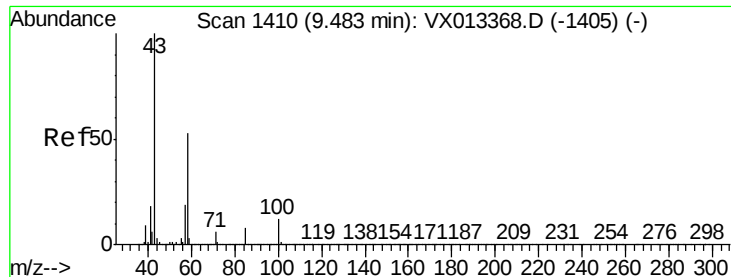
Tot Ion:117 Resp: 603598
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.3 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 93.830 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 43 Resp: 1183128
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4
85 17.8 14.2 21.2

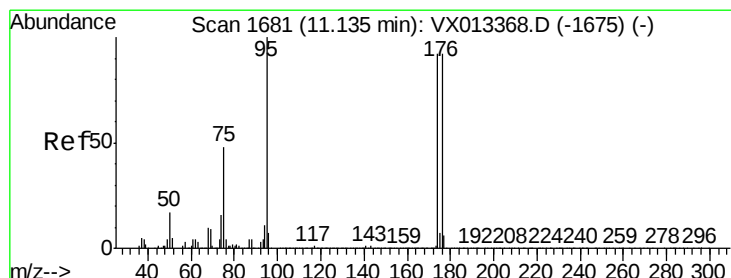
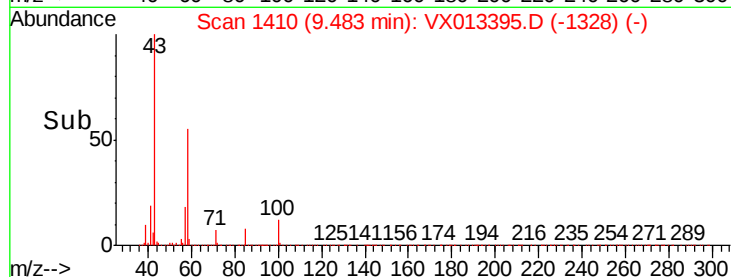
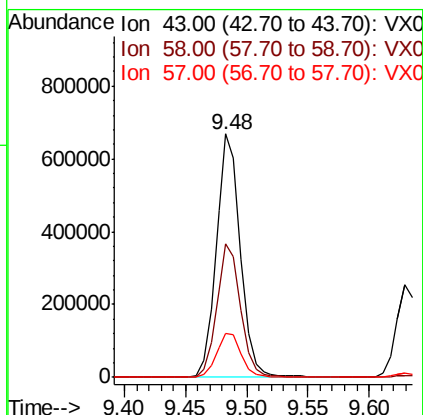
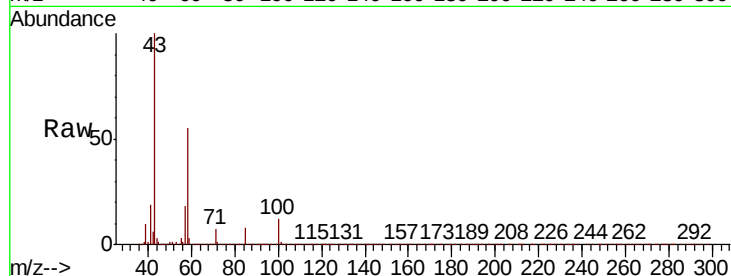




#59
2-Hexanone
Concen: 91.222 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

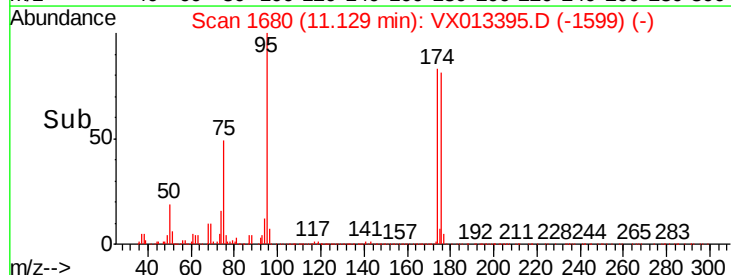
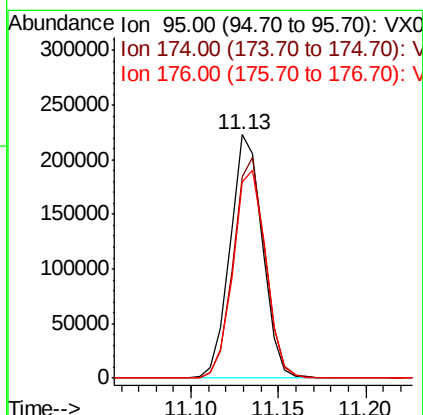
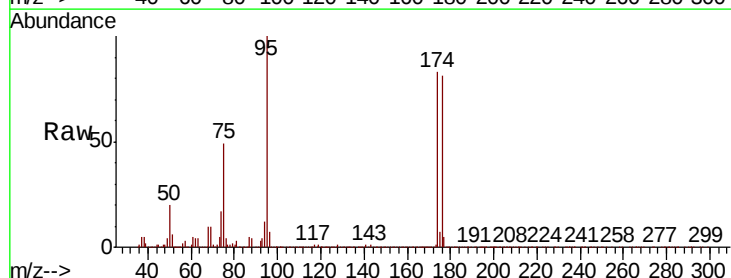
Instrument :
MSVOA_X
ClientSampleId :

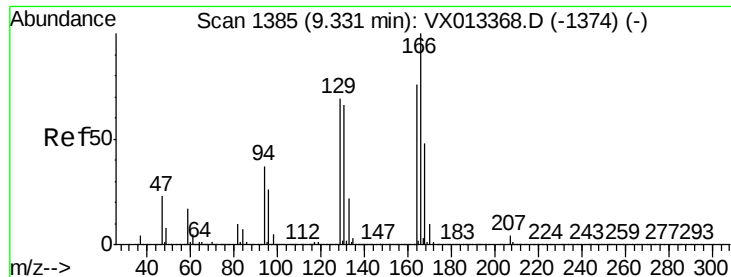
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.8	65.6
57	18.3	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.431 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	70.2	105.2
176	87.1	68.3	102.5





#61

Tetrachloroethene

Concen: 20.363 ug/l

RT: 9.33 min Scan# 1385

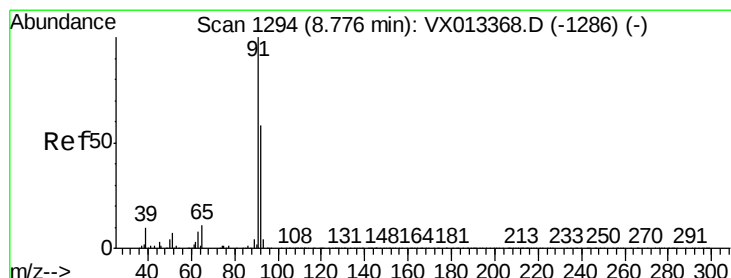
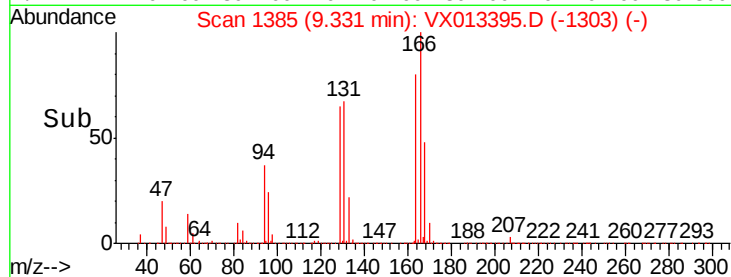
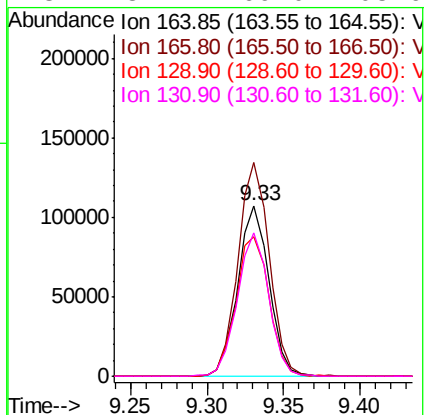
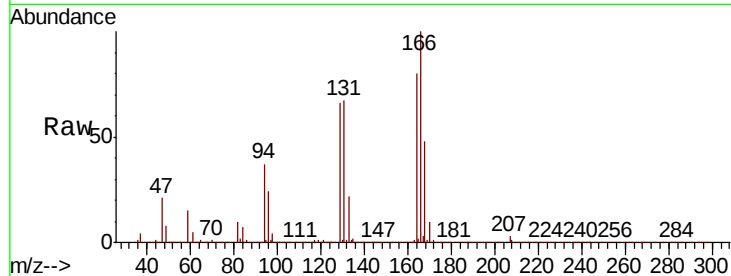
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	151566
Ion	Ratio	Lower	Upper
164	100		
166	125.2	104.9	157.3
129	82.0	72.3	108.5
131	84.2	69.0	103.6



#62

Toluene

Concen: 19.749 ug/l

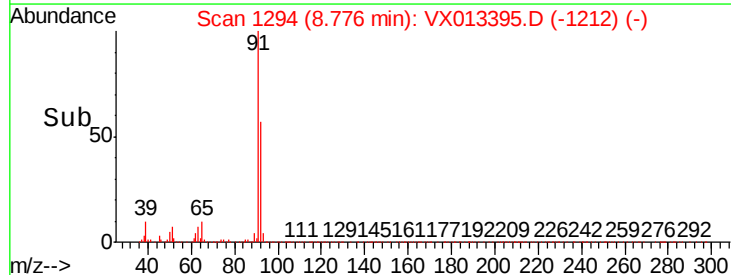
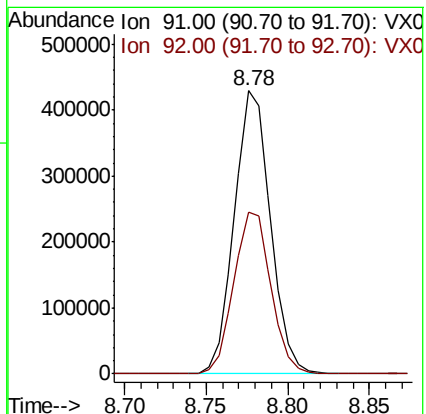
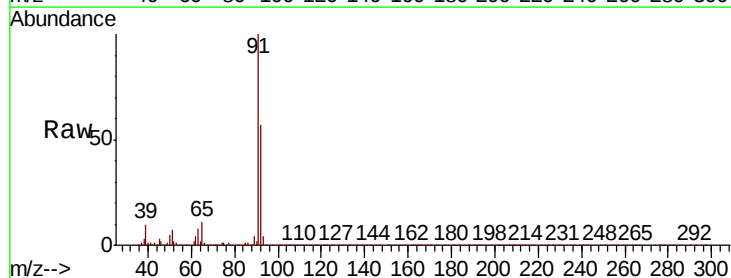
RT: 8.78 min Scan# 1294

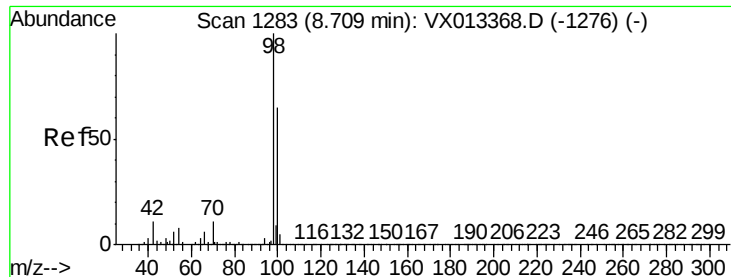
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	91	Resp:	663982
Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.6	69.8





#63

Toluene-d8

Concen: 30.327 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

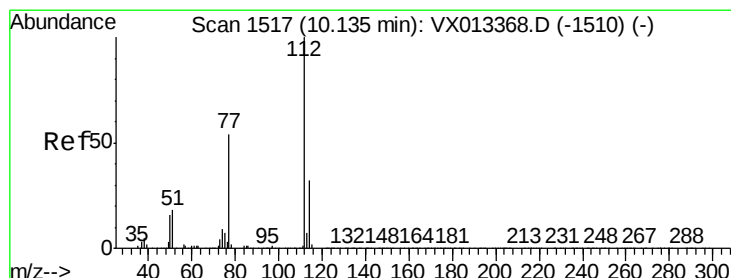
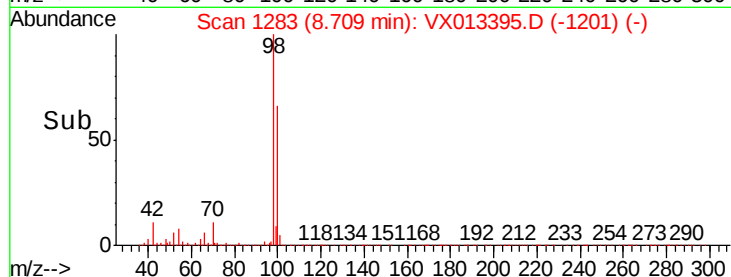
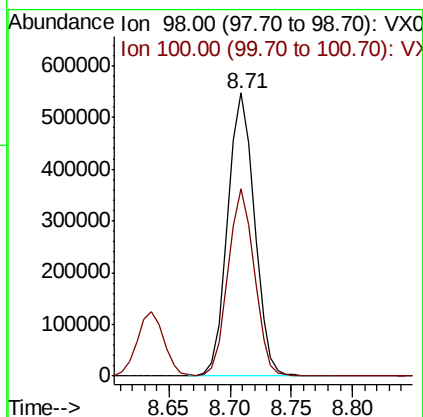
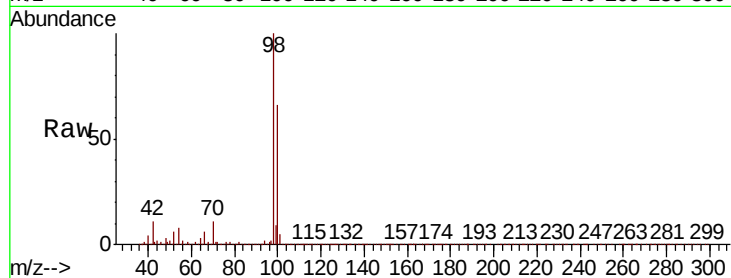
ClientSampleId :

Tot Ion: 98 Resp: 827764

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#64

Chlorobenzene

Concen: 19.709 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013395.D

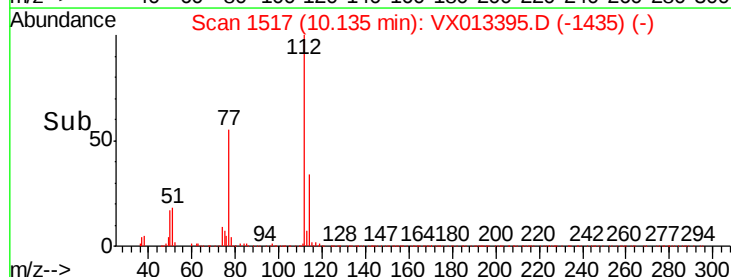
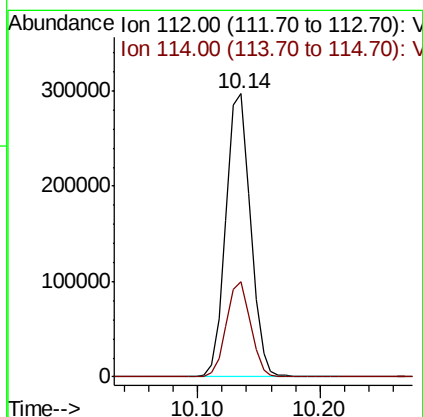
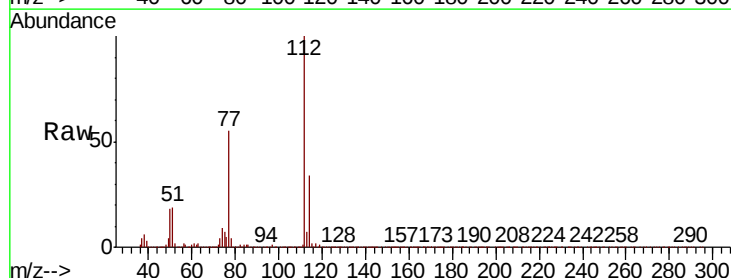
Acq: 12 Nov 2019 19:11

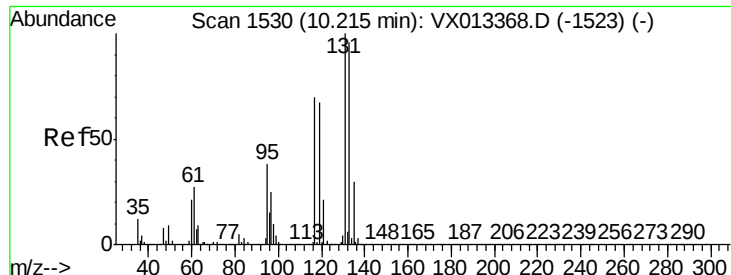
Tgt Ion: 112 Resp: 414321

Ion Ratio Lower Upper

112 100

114 33.8 25.7 38.5

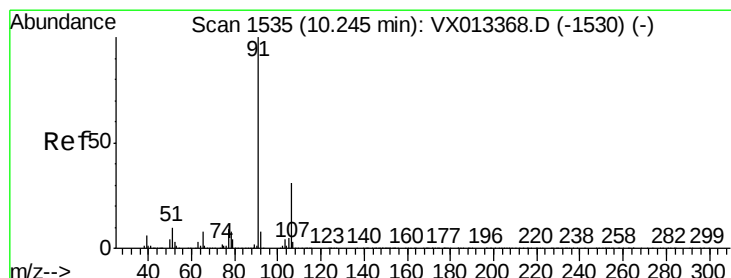
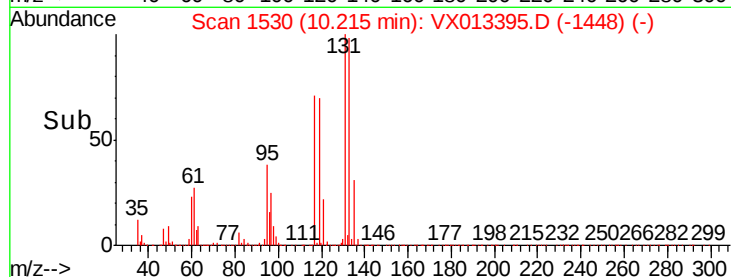
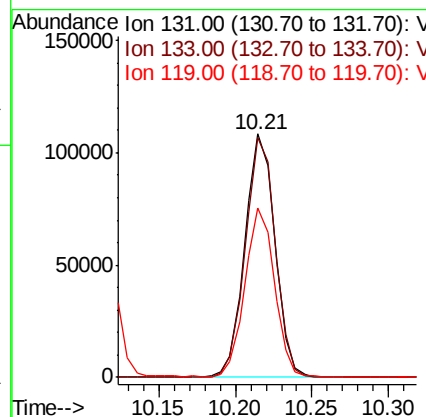
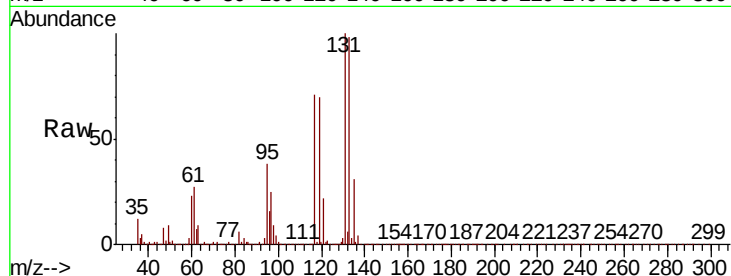




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.867 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

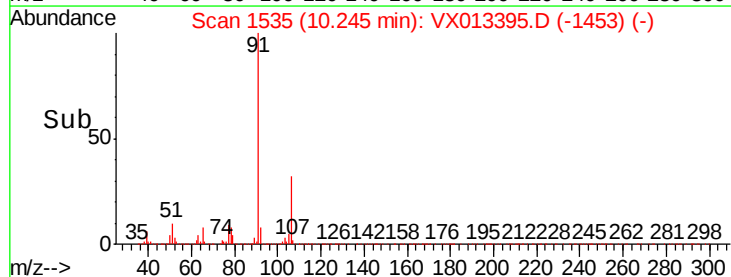
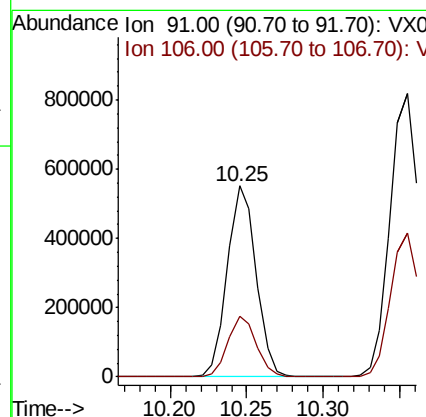
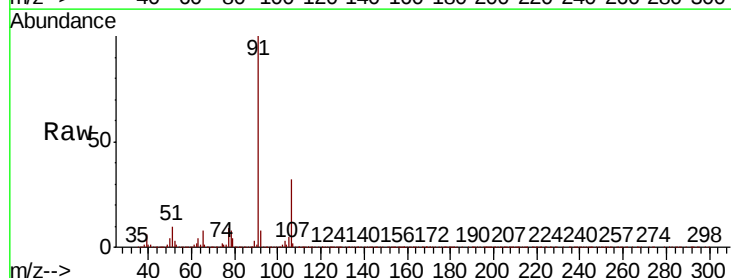
Instrument :
 MSVOA_X
 ClientSampleId :

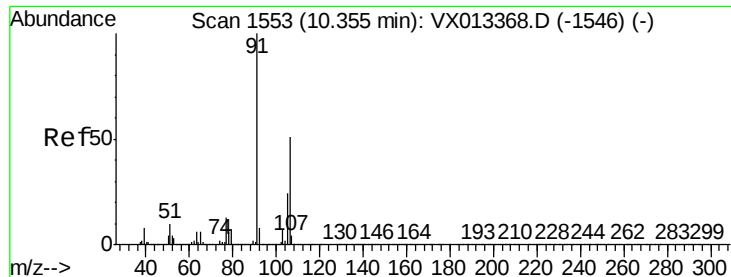
Tot Ion	Ratio	Lower	Upper
131	100		
133	97.2	0.0	192.2
119	68.2	0.0	134.4



#66
 Ethyl Benzene
 Concen: 19.468 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.0	37.4

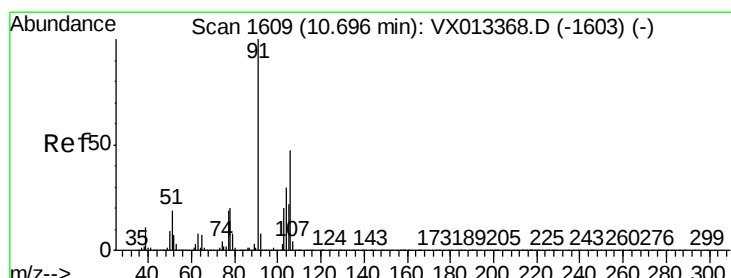
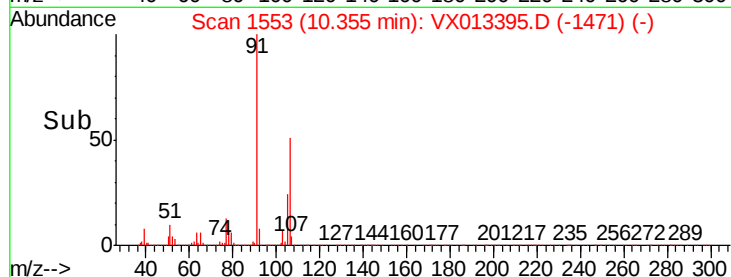
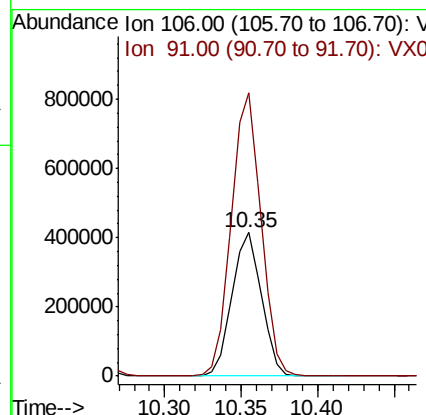
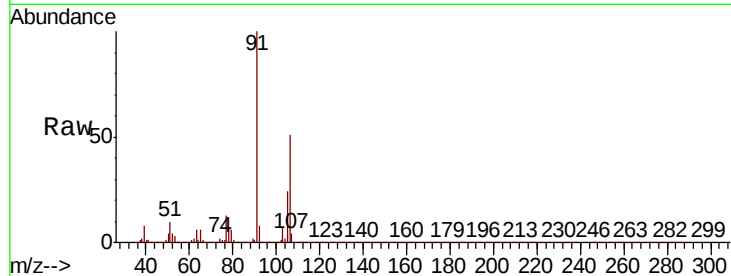




#67
m/p-Xylenes
Concen: 38.847 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

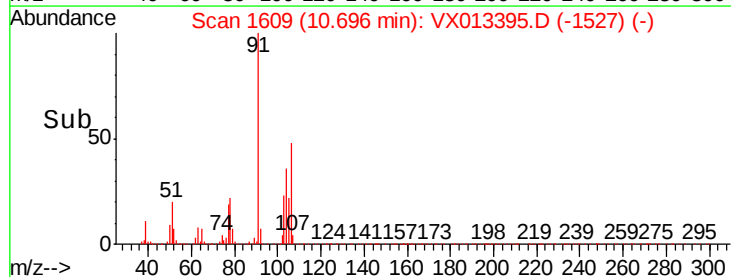
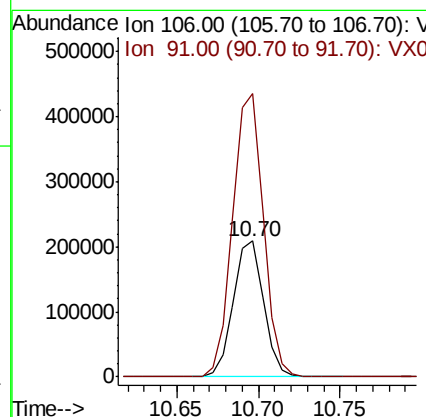
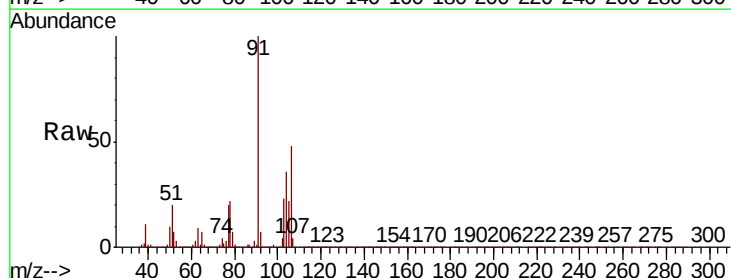
Instrument :
MSVOA_X
ClientSampleId :

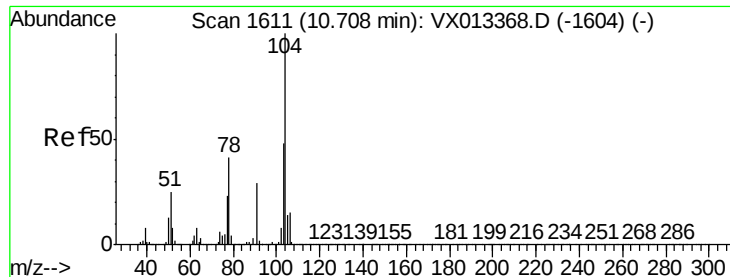
Tot Ion:106 Resp: 553491
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6



#68
o-Xylene
Concen: 19.577 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion:106 Resp: 269198
Ion Ratio Lower Upper
106 100
91 211.2 106.4 319.2

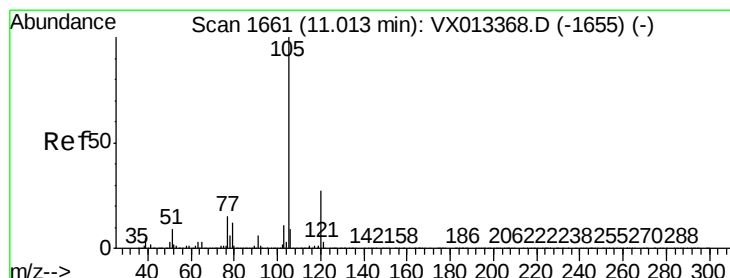
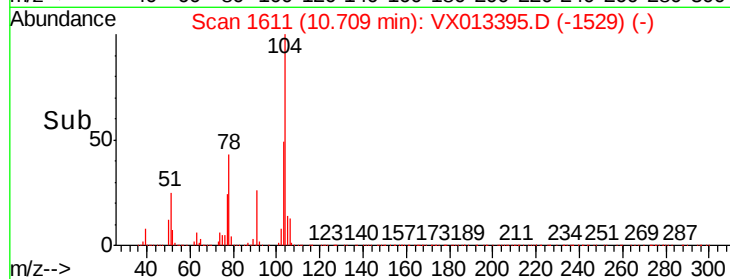
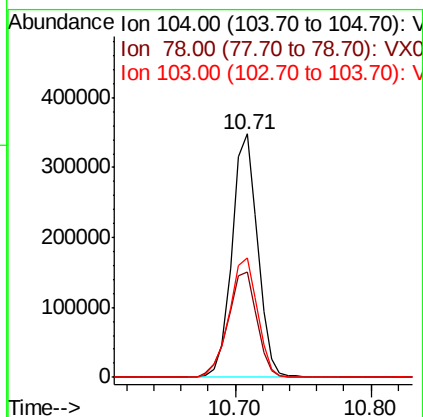
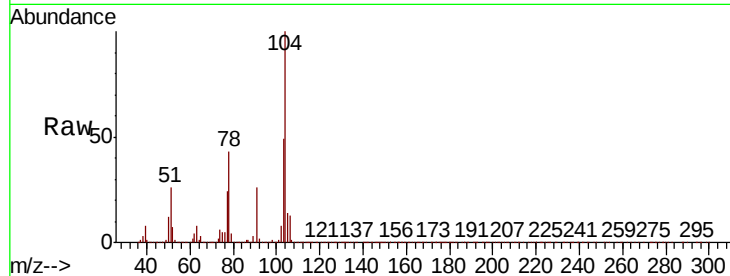




#69
Stvrene
Concen: 19.393 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

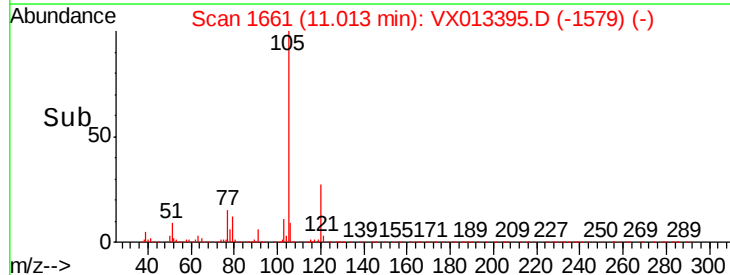
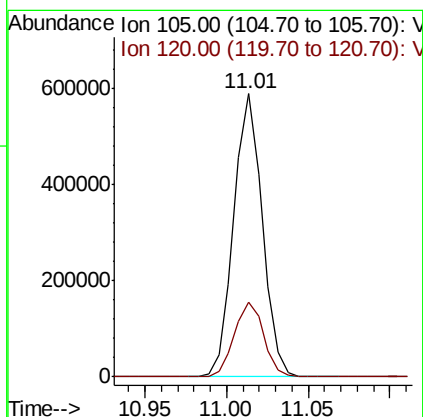
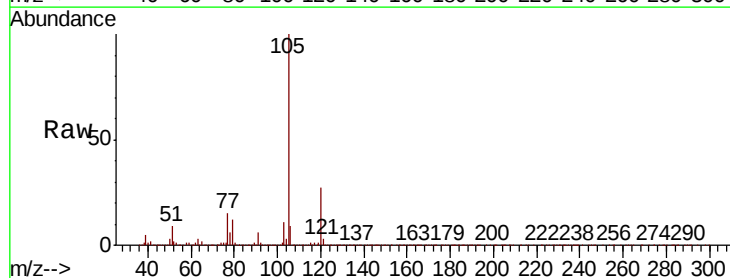
Instrument :
MSVOA_X
ClientSampleId :

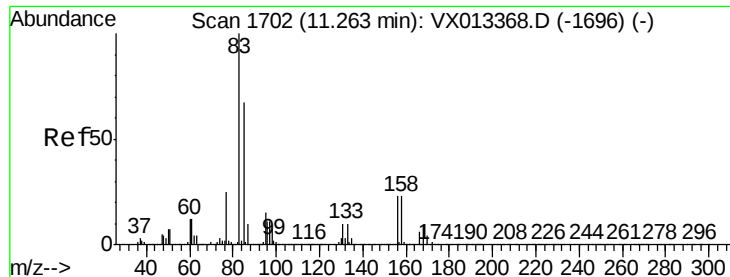
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.2	57.4
103	54.6	43.2	64.8



#70
Isopropylbenzene
Concen: 19.776 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.8	34.8

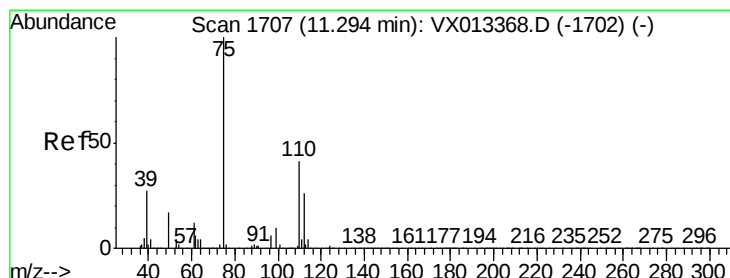
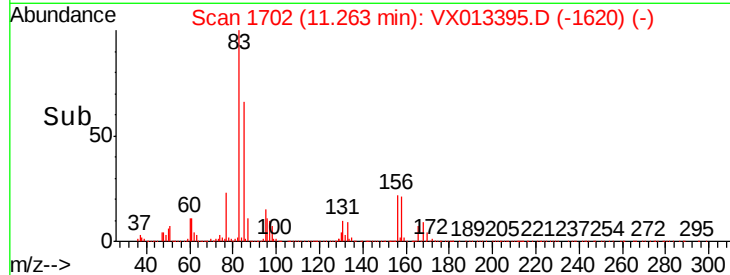
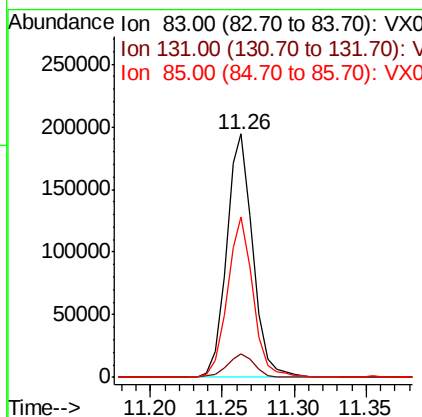
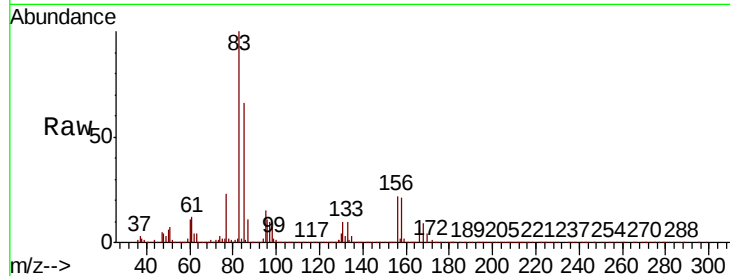




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.228 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

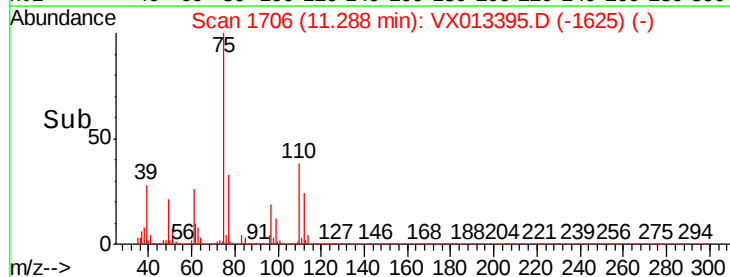
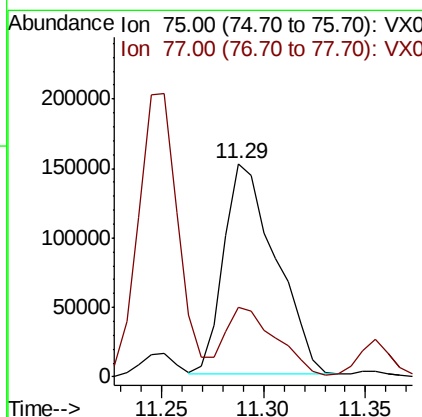
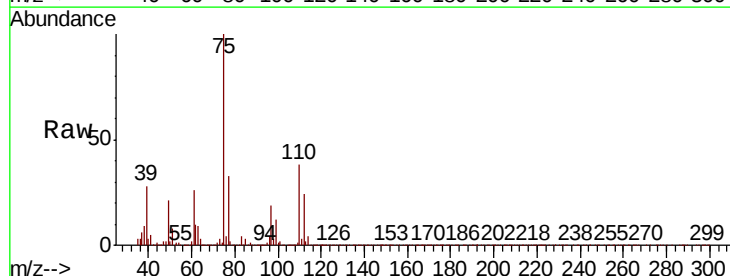
Instrument :
 MSVOA_X
 ClientSampled :

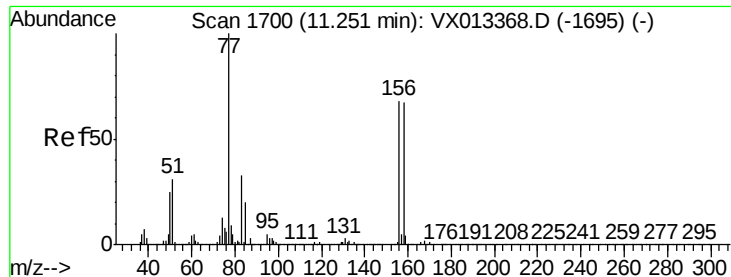
Tot Ion	83	Resp	249449
Ion Ratio	100	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	64.0	32.6	97.7



#72
 1,2,3-Trichloropropane
 Concen: 24.491 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	75	Resp	268278
Ion Ratio	100	Lower	Upper
75	100		
77	31.4	0.0	86.2





#73

Bromobenzene

Concen: 19.431 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

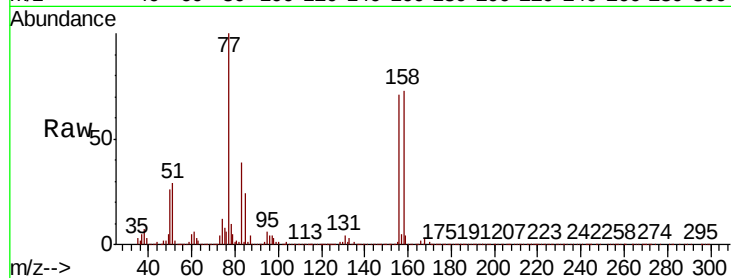
Tot Ion:156 Resp: 185671

Ion Ratio Lower Upper

156 100

77 146.8 0.0 308.8

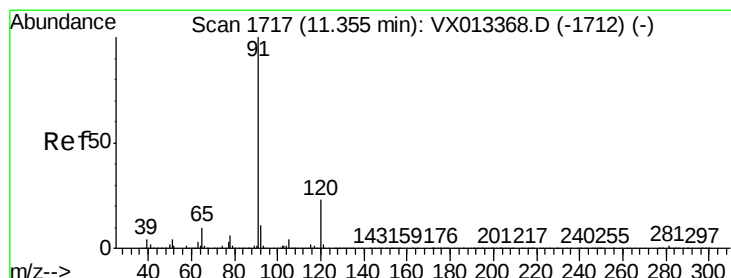
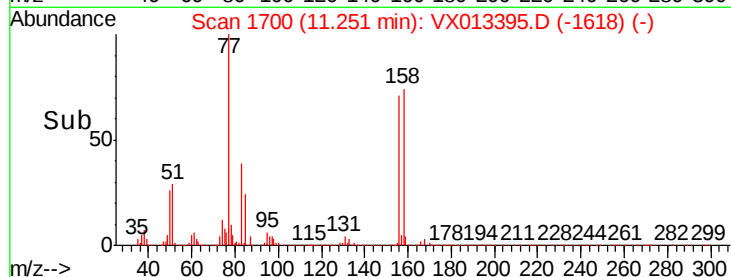
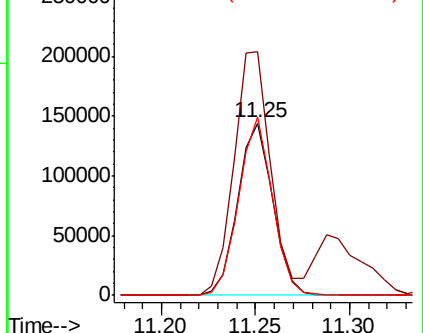
158 99.6 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.483 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013395.D

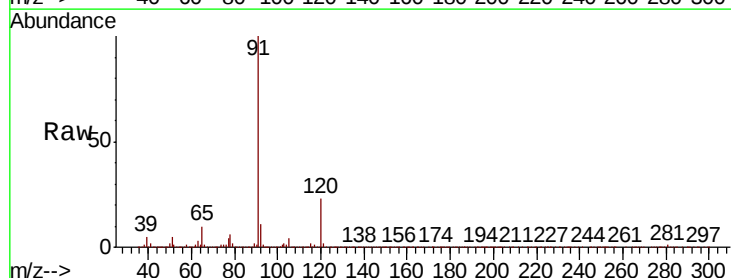
Acq: 12 Nov 2019 19:11

Tgt Ion: 91 Resp: 802227

Ion Ratio Lower Upper

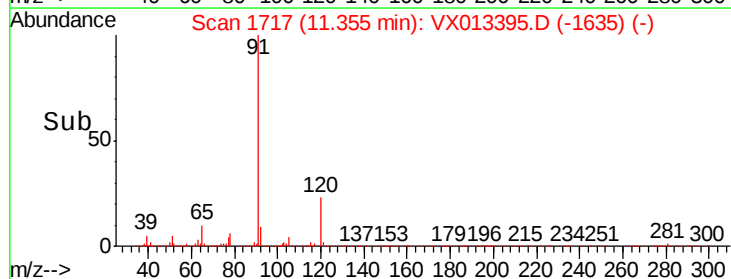
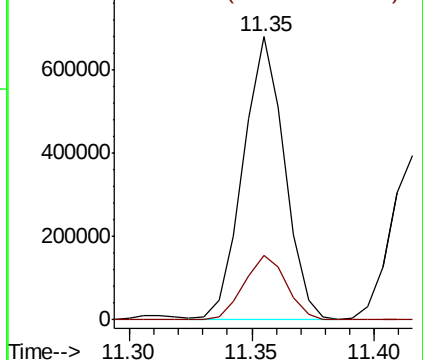
91 100

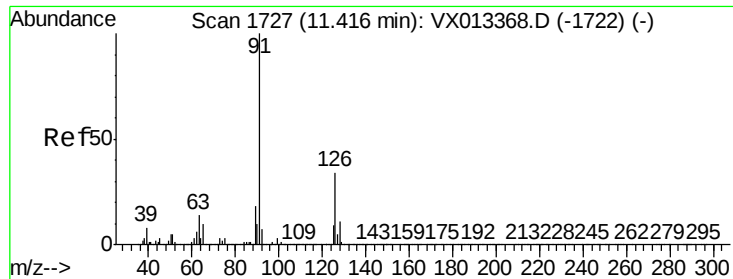
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.428 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

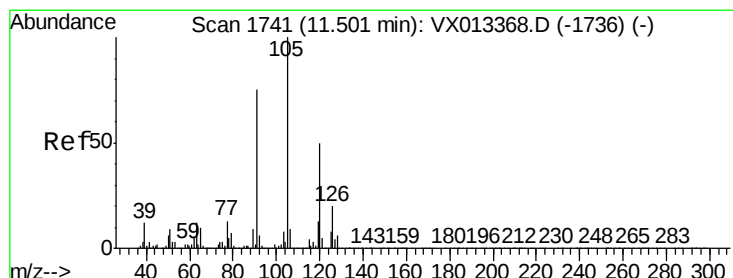
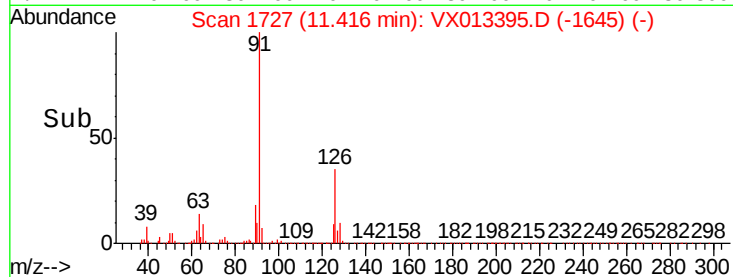
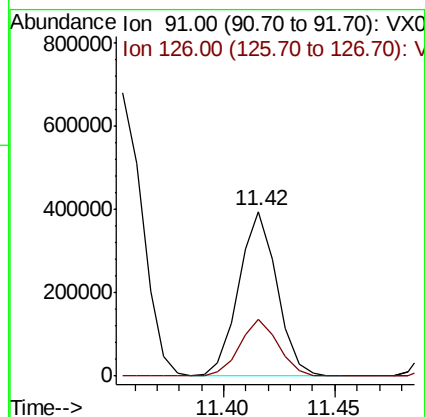
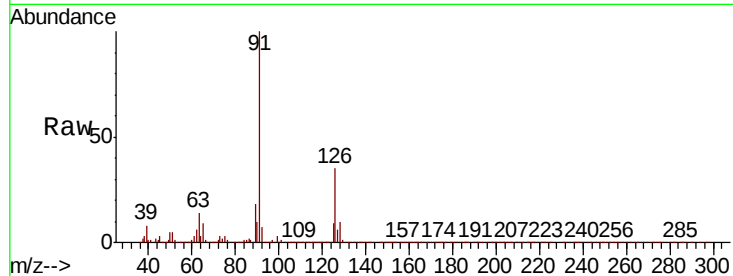
ClientSampleId :

Tot Ion: 91 Resp: 475718

Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.237 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013395.D

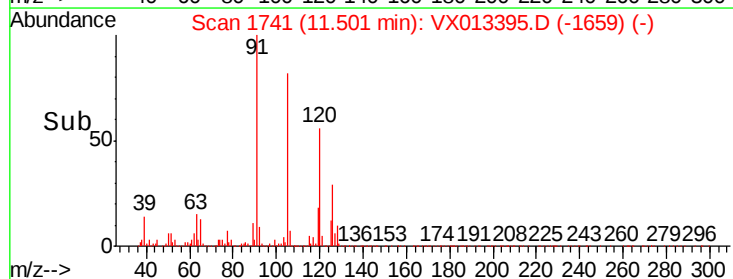
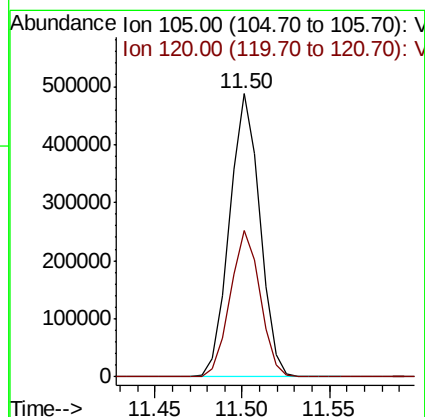
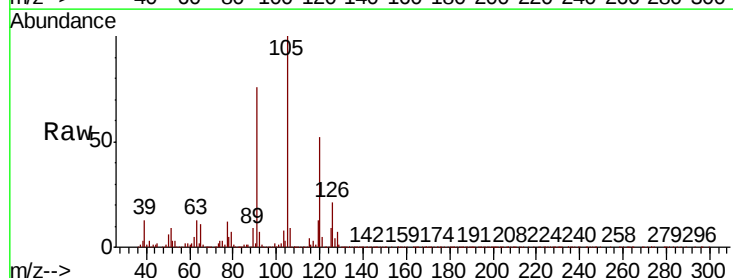
Acq: 12 Nov 2019 19:11

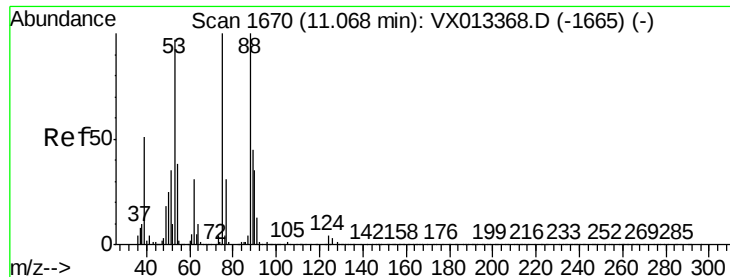
Tgt Ion: 105 Resp: 585883

Ion Ratio Lower Upper

105 100

120 51.2 0.0 100.0

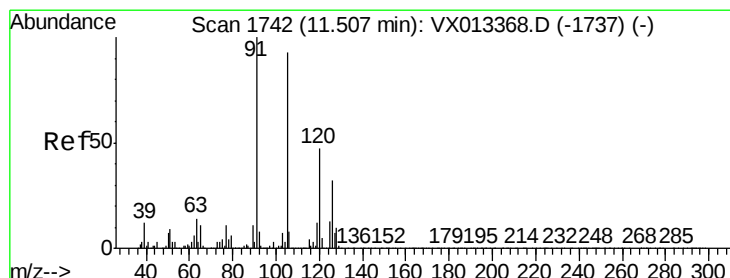
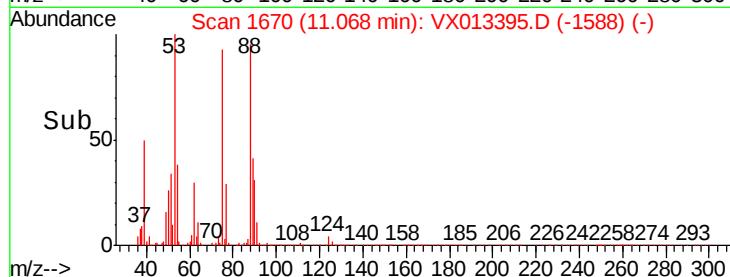
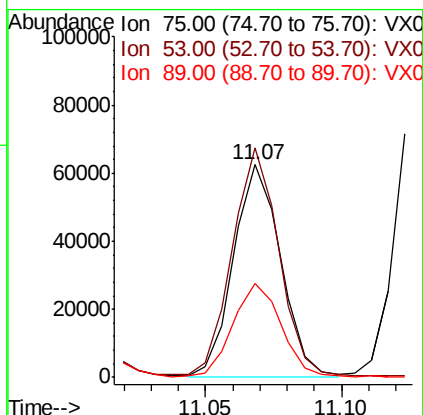
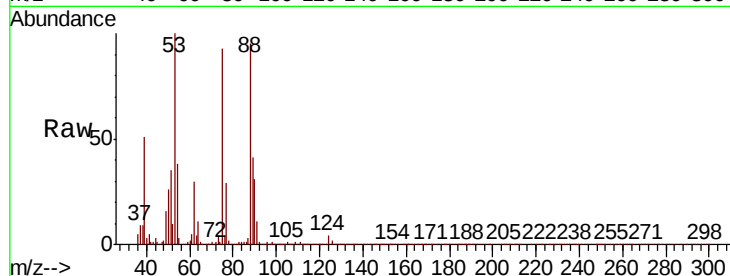




#77
t-1,4-Dichloro-2-butene
Concen: 16.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

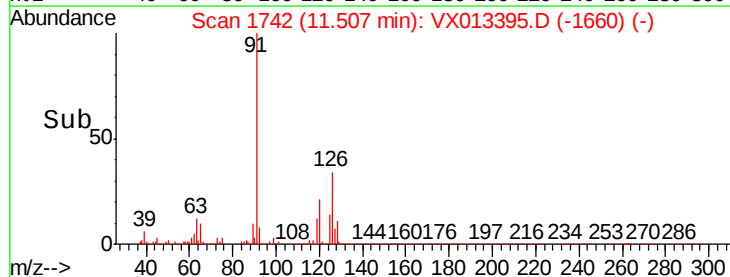
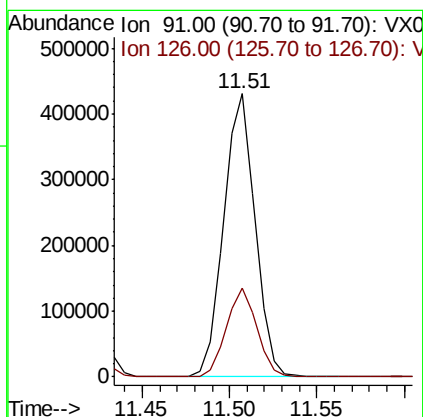
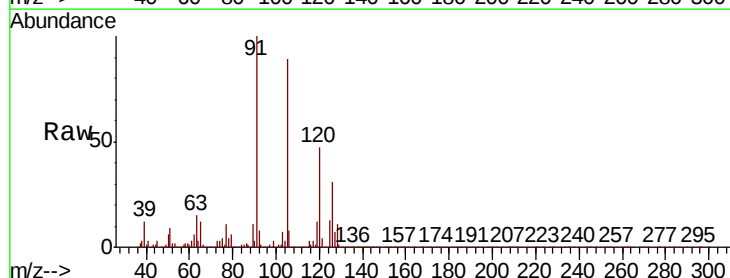
Instrument :
MSVOA_X
ClientSampleId :

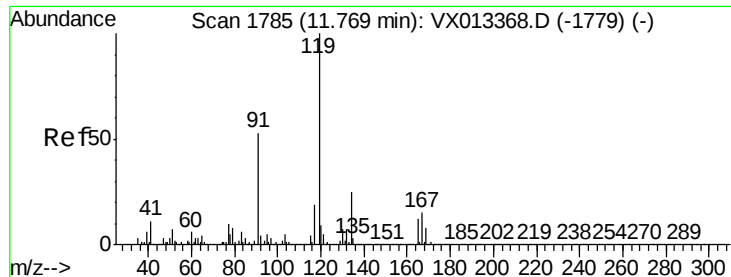
Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	48.8	146.3
89	44.1	22.3	66.8



#78
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





#79

tert-butylbenzene

Concen: 19.068 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

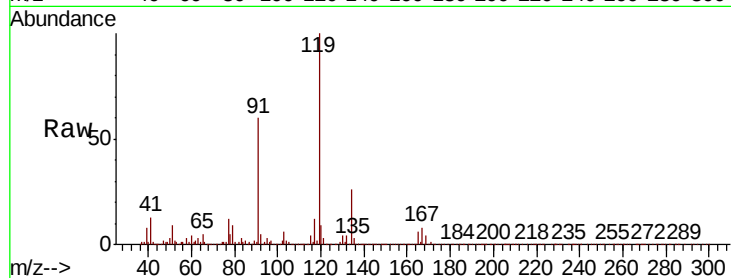
Tot Ion:119 Resp: 585903

Ion Ratio Lower Upper

119 100

91 54.9 0.0 109.6

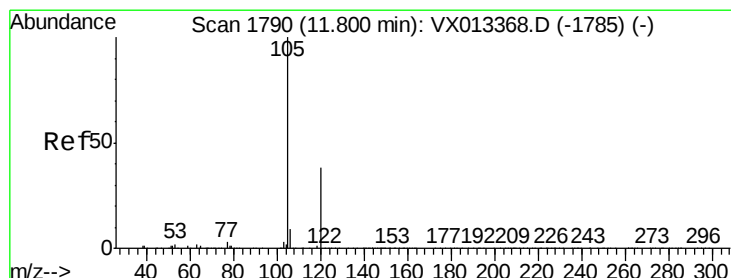
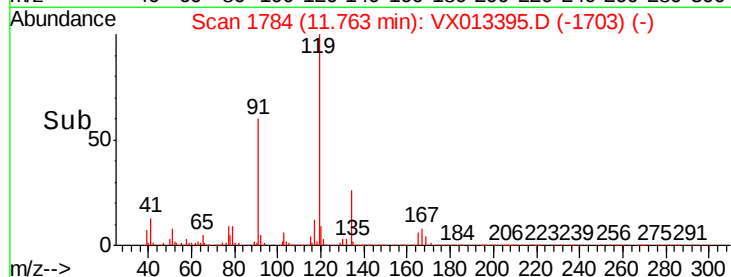
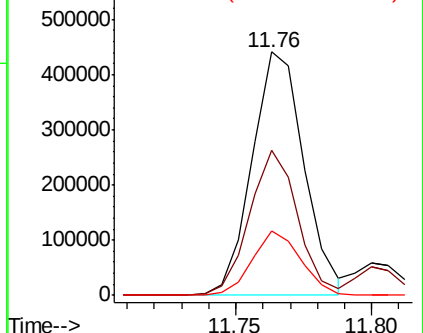
134 24.7 0.0 47.8



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



#80

1,2,4-Trimethylbenzene

Concen: 19.367 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013395.D

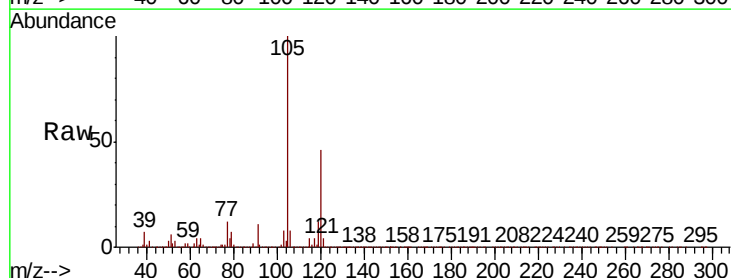
Acq: 12 Nov 2019 19:11

Tgt Ion:105 Resp: 587764

Ion Ratio Lower Upper

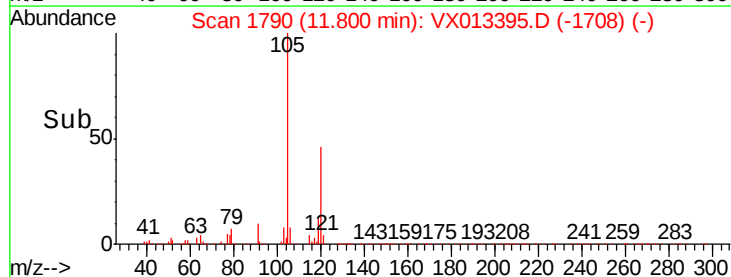
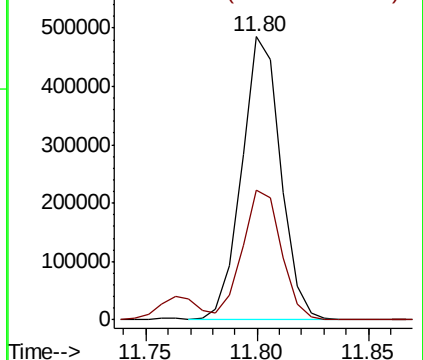
105 100

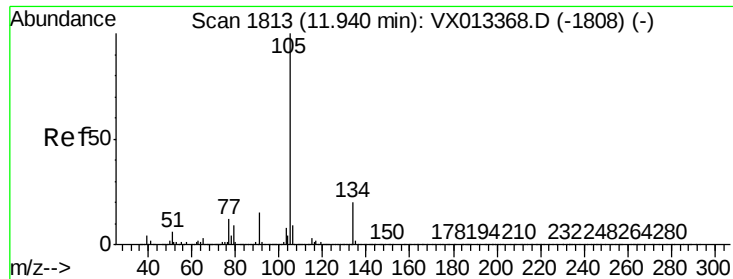
120 46.2 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

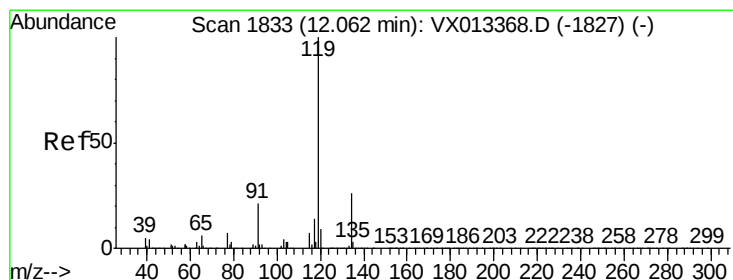
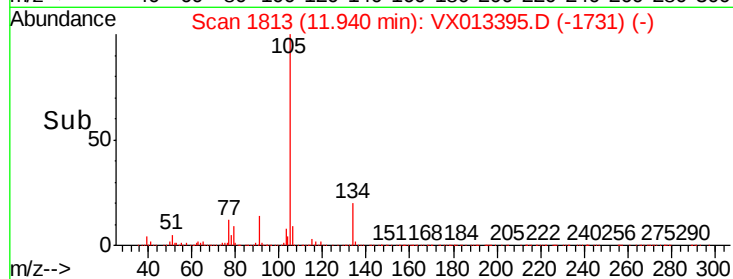
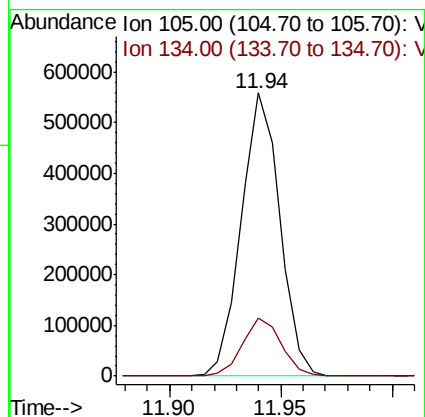
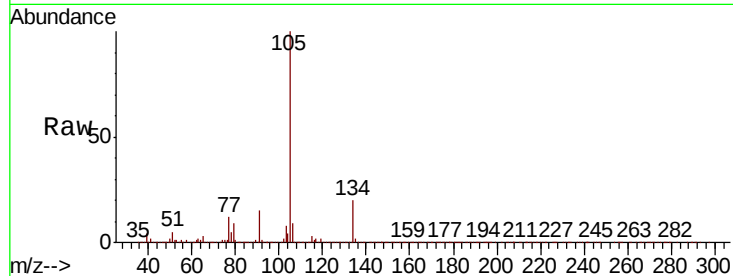




#81
 sec-Butylbenzene
 Concen: 19.297 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

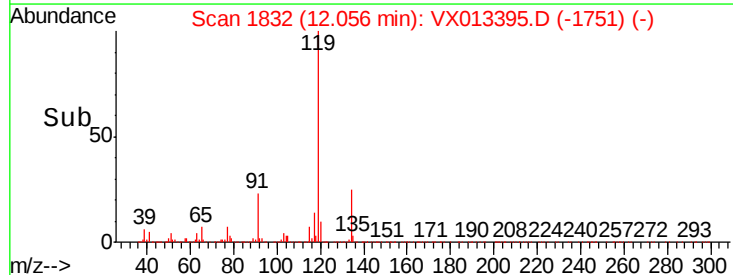
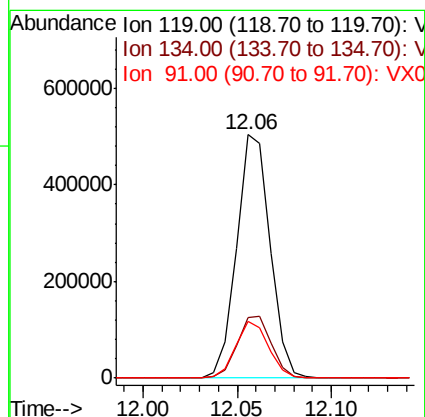
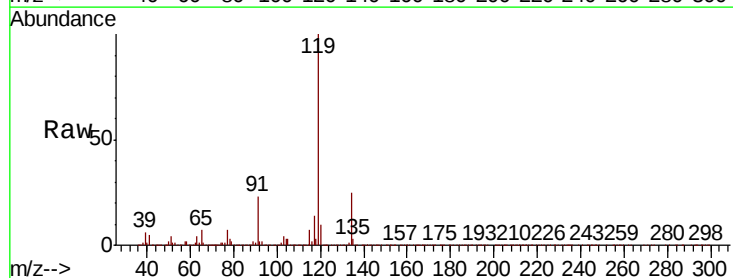
Instrument :
 MSVOA_X
 ClientSampleId :

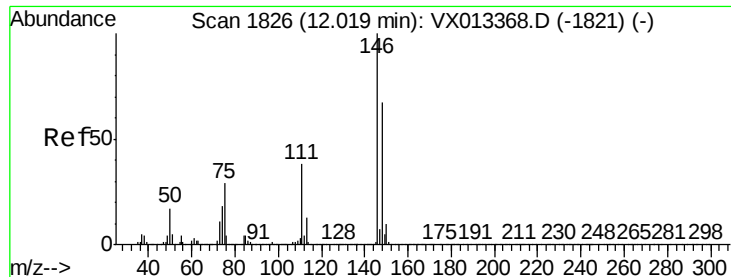
Tot Ion:105 Resp: 676544
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.199 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion:119 Resp: 620175
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.6
 91 22.8 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 19.315 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

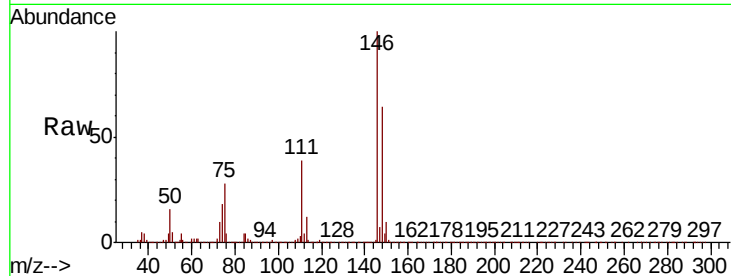
Tot Ion:146 Resp: 324469

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

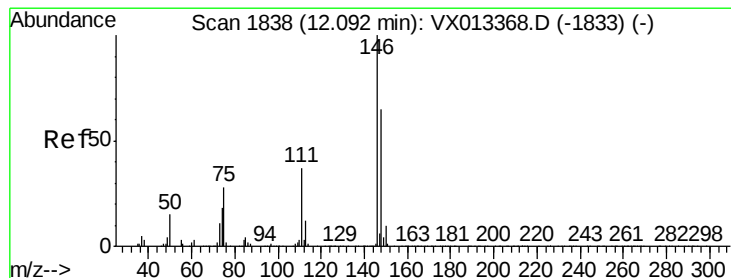
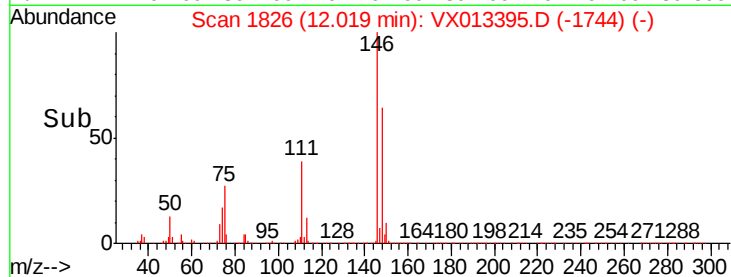
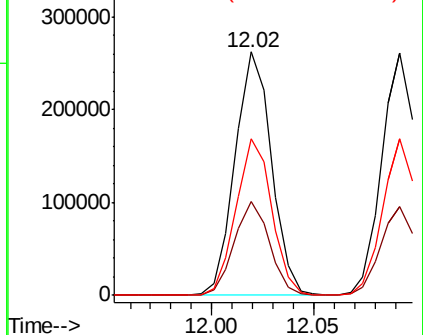
148 63.2 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.159 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

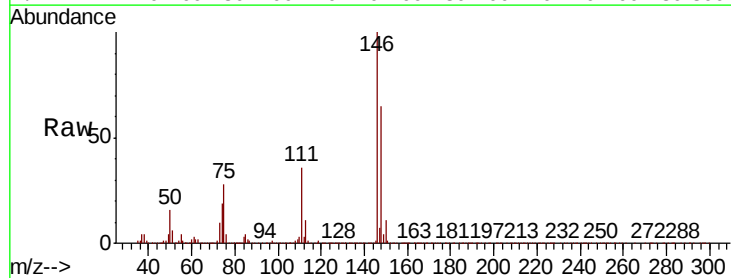
Tgt Ion:146 Resp: 319483

Ion Ratio Lower Upper

146 100

111 36.3 18.6 55.6

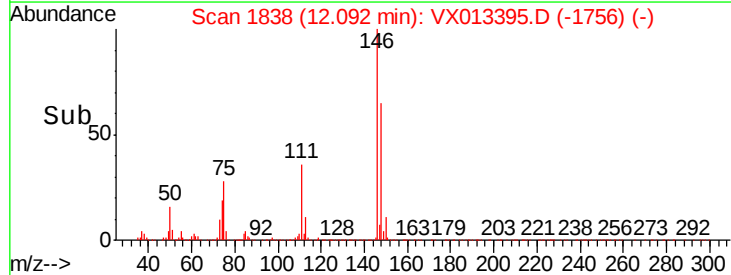
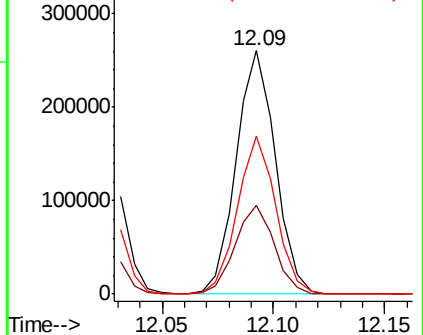
148 63.5 32.5 97.4

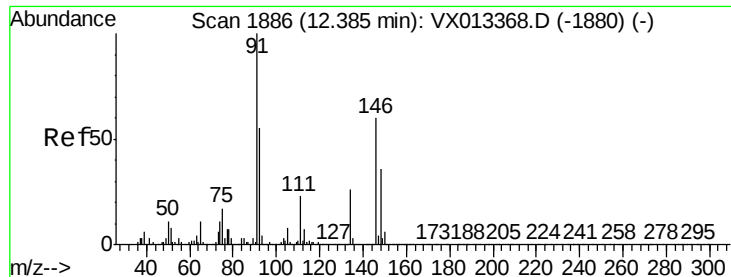


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

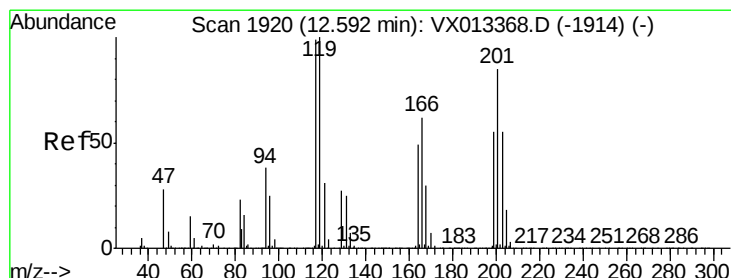
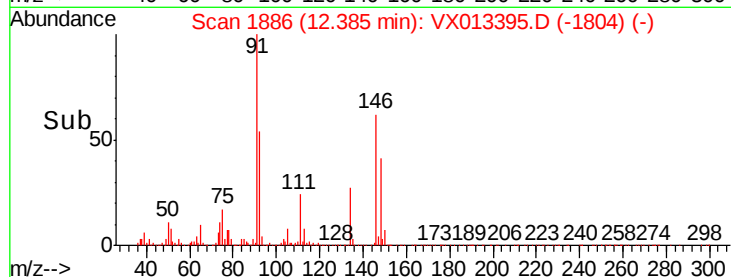
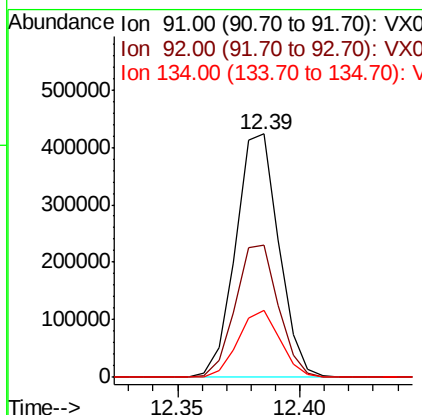
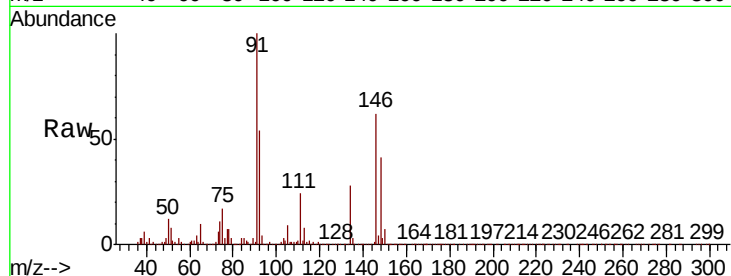




#85
n-Butylbenzene
Concen: 18.637 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

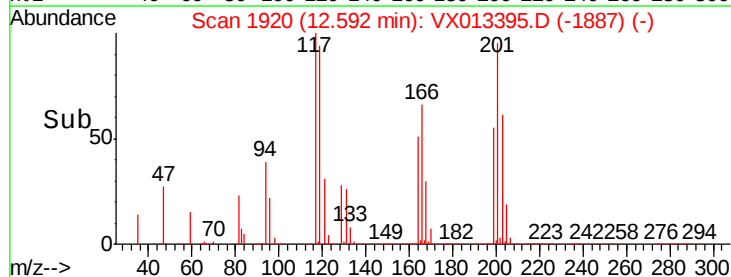
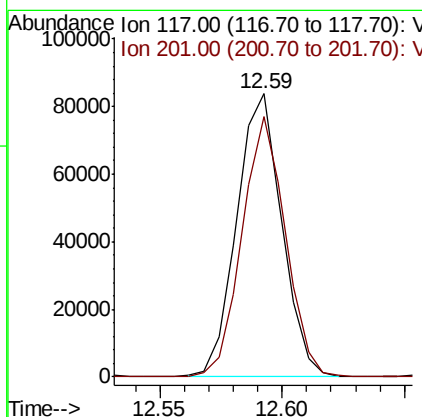
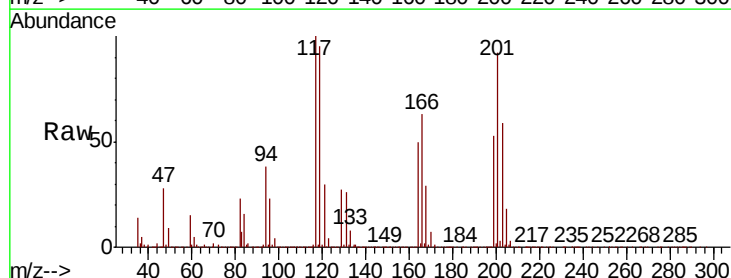
Instrument :
MSVOA_X
ClientSampled :

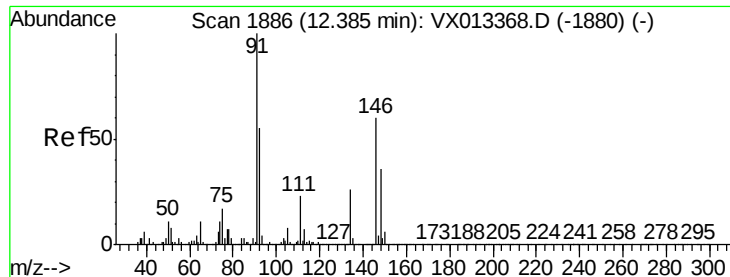
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	109.0
134	26.7	0.0	53.0



#86
Hexachloroethane
Concen: 17.980 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.5	133.3





#87

1,2-Dichlorobenzene

Concen: 19.337 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

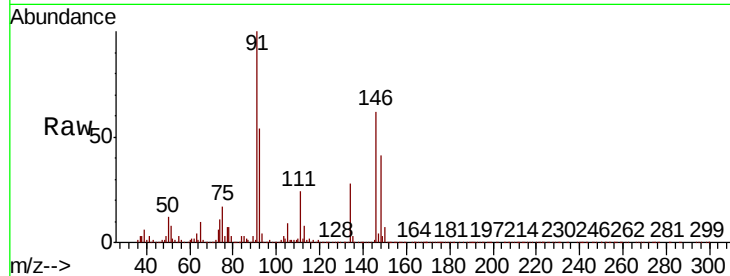
Tot Ion:146 Resp: 324823

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

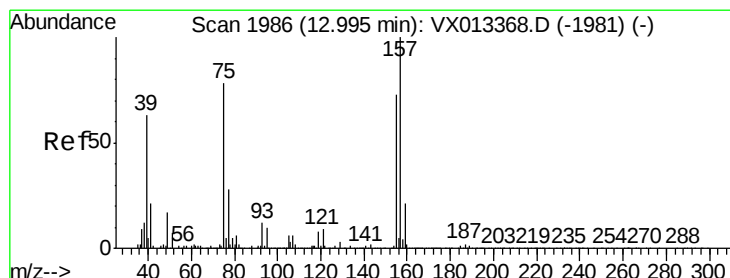
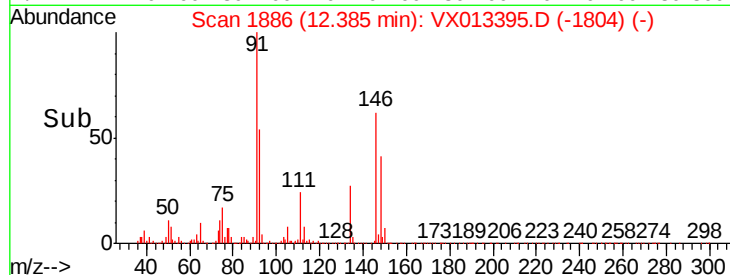
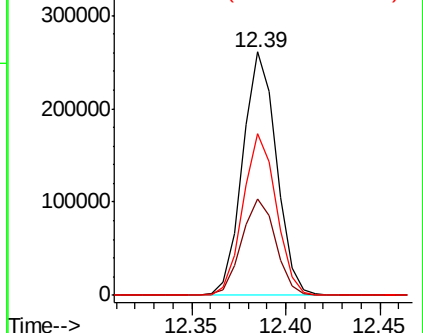
148 65.3 31.6 94.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.655 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

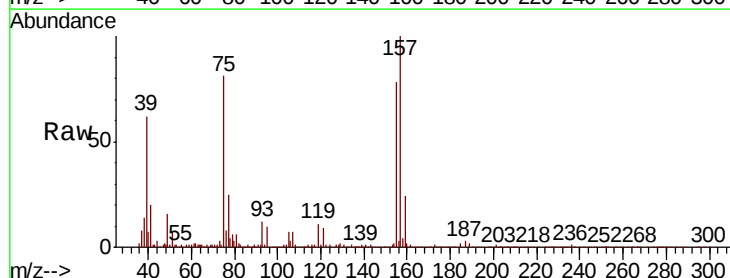
Tgt Ion: 75 Resp: 51223

Ion Ratio Lower Upper

75 100

155 99.1 76.9 115.3

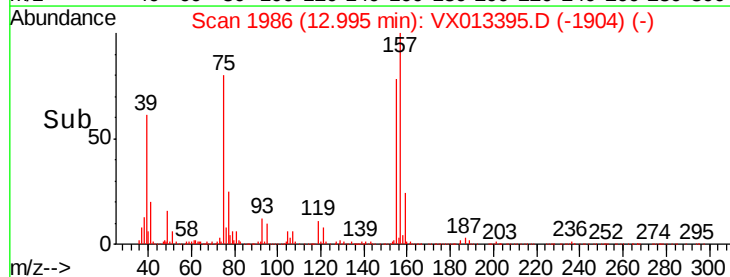
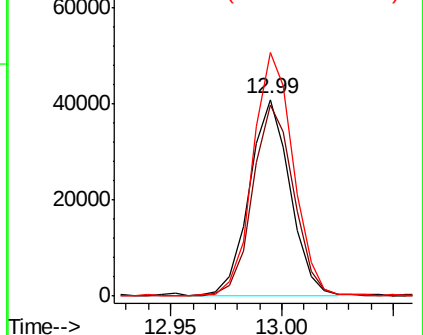
157 123.6 101.2 151.8

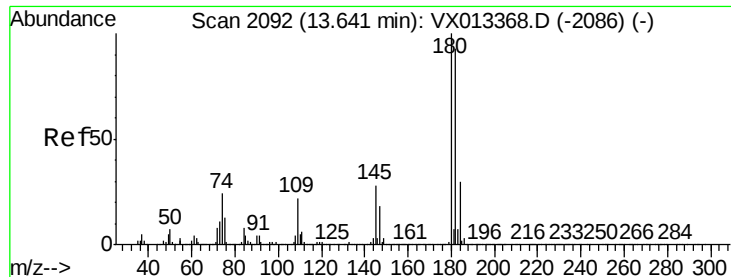


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

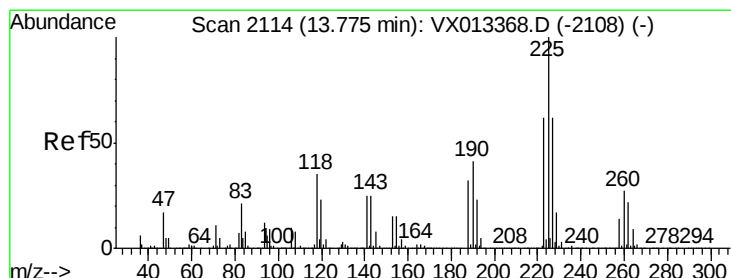
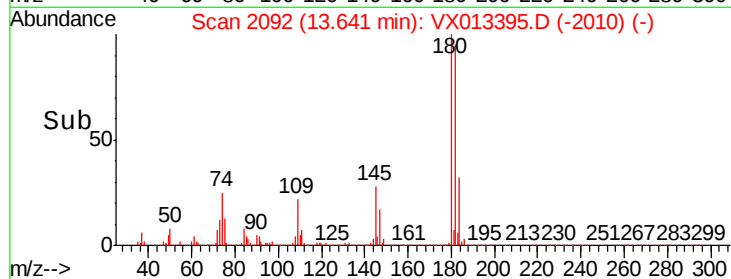
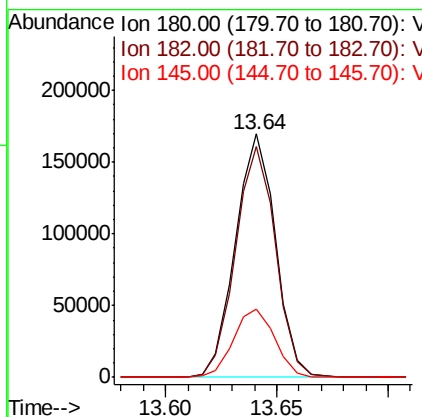
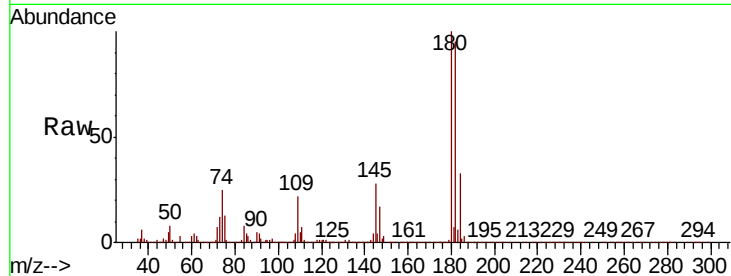




#89
 1,2,4-Trichlorobenzene
 Concen: 18.278 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

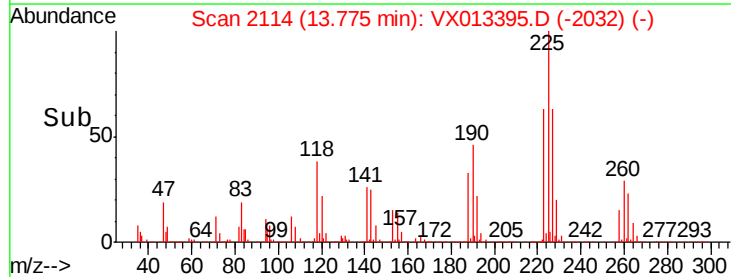
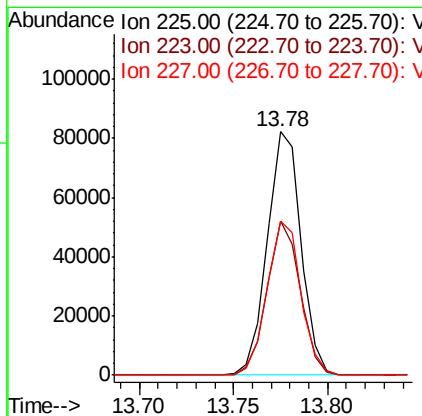
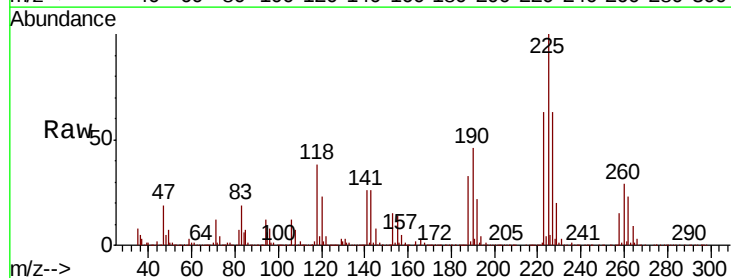
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.7	112.1
145	28.9	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 18.443 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	123.0
227	63.1	0.0	121.8

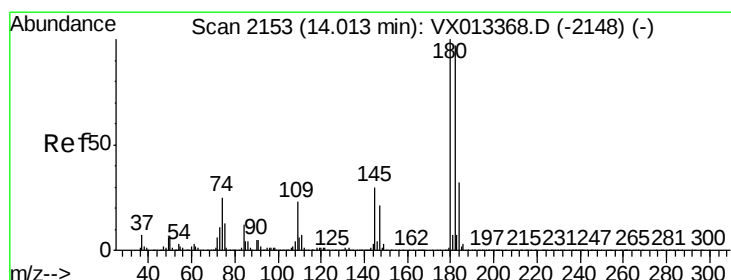
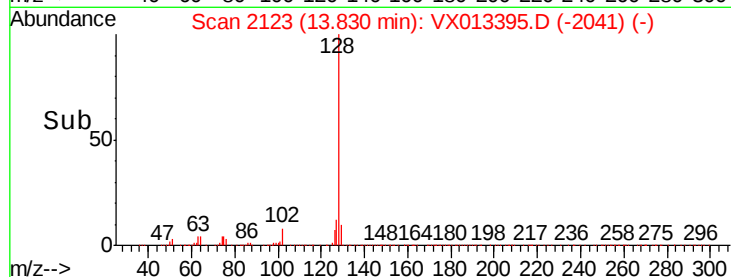
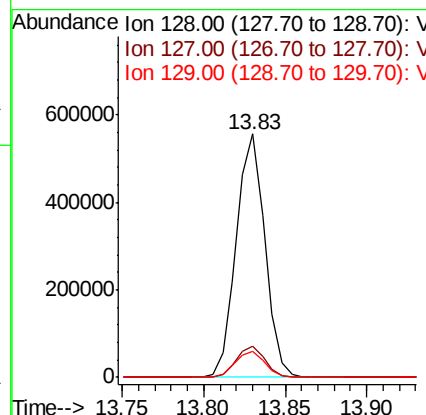
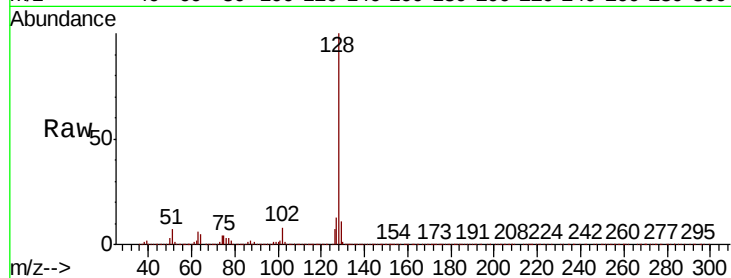




#91
Naphthalene
Concen: 18.568 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.532 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	191.0
145	30.4	0.0	59.0

