

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014343.D
 Acq On : 30 Dec 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 01:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	509534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	770716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	695898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	285928	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.48	113	238475	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	934518	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	337616	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198463	43.537	ug/l	100
3) Chloromethane	1.32	50	280016	45.773	ug/l	99
4) Vinyl Chloride	1.40	62	296853	45.988	ug/l	98
5) Bromomethane	1.63	94	206717	45.120	ug/l	96
6) Chloroethane	1.72	64	191632	48.101	ug/l	95
7) Trichlorofluoromethane	1.92	101	390159	48.826	ug/l	99
8) Diethyl Ether	2.18	74	175231	46.725	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240866	50.005	ug/l	99
10) Methyl Iodide	2.50	142	286136	45.305	ug/l	99
11) Tert butyl alcohol	3.03	59	287877	230.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234965	47.939	ug/l	99
13) Acrolein	2.28	56	203100	284.339	ug/l	100
14) Allyl chloride	2.72	41	451349	51.575	ug/l	98
15) Acrylonitrile	3.13	53	748440	256.976	ug/l	100
16) Acetone	2.43	43	863479	230.315	ug/l	98
17) Carbon Disulfide	2.56	76	598254	44.057	ug/l	100
18) Methyl Acetate	2.76	43	385599	51.904	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	817715	50.770	ug/l	100
20) Methylene Chloride	2.84	84	273200	46.275	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	252239	46.713	ug/l	99
22) Diisopropyl ether	3.84	45	922850	52.918	ug/l	92
23) Vinyl Acetate	3.80	43	3913994	275.027	ug/l	99
24) 1,1-Dichloroethane	3.69	63	482985	49.780	ug/l	99
25) 2-Butanone	4.65	43	1189721	257.391	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391373	51.954	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	295931	48.458	ug/l	98
28) Bromochloromethane	5.00	49	197025	52.776	ug/l	96
29) Tetrahydrofuran	5.11	42	668568	258.600	ug/l	98
30) Chloroform	5.20	83	466594	50.730	ug/l	99
31) Cyclohexane	5.57	56	432280	50.094	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	386462	49.300	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349916	49.481	ug/l	99
37) Ethyl Acetate	4.81	43	407451	52.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328258	50.954	ug/l	99

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Quant Time: Dec 31 01:04:12 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	443527	50.794	ug/l	99
40) Benzene	6.13	78	1075943	49.448	ug/l	99
41) Methacrylonitrile	5.03	41	229213	52.900	ug/l	97
42) 1,2-Dichloroethane	6.18	62	368737	49.993	ug/l	99
43) Isopropyl Acetate	6.43	43	679511	52.578	ug/l	99
44) Trichloroethene	7.20	130	293598	48.852	ug/l	98
45) 1,2-Dichloropropane	7.50	63	290375	52.066	ug/l	95
46) Dibromomethane	7.65	93	180120	48.849	ug/l	97
47) Bromodichloromethane	7.89	83	367194	52.877	ug/l	97
48) Methyl methacrylate	7.76	41	331419	52.370	ug/l	98
49) 1,4-Dioxane	7.73	88	119073	924.582	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2085134	256.903	ug/l	99
52) Toluene	8.78	92	677471	49.259	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	412519	54.175	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461667	54.422	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	278405	50.508	ug/l	100
56) Ethyl methacrylate	9.17	69	456186	52.686	ug/l	100
57) 1,3-Dichloropropane	9.36	76	476206	51.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	917530	280.013	ug/l	99
59) 2-Hexanone	9.48	43	1707130	261.279	ug/l	99
60) Dibromochloromethane	9.57	129	292205	53.331	ug/l	98
61) 1,2-Dibromoethane	9.67	107	288922	51.229	ug/l	98
64) Tetrachloroethene	9.33	164	300731	48.837	ug/l	98
65) Chlorobenzene	10.13	112	728966	49.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	274407	51.940	ug/l	98
67) Ethyl Benzene	10.25	91	1298081	51.028	ug/l	100
68) m/p-Xylenes	10.35	106	987004	100.879	ug/l	99
69) o-Xylene	10.69	106	477051	49.715	ug/l	98
70) Styrene	10.71	104	821874	50.651	ug/l	99
71) Bromoform	10.85	173	227465	53.562	ug/l #	100
73) Isopropylbenzene	11.01	105	1283932	51.930	ug/l	100
74) N-amyl acetate	10.89	43	604699	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	425573	49.648	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	504399	66.162	ug/l	89
77) Bromobenzene	11.25	156	327625	48.162	ug/l	98
78) n-propylbenzene	11.35	91	1481362	53.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	859469	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1078997	51.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	149493	55.347	ug/l	99
82) 4-Chlorotoluene	11.51	91	995287	50.897	ug/l	99
83) tert-Butylbenzene	11.76	119	1024396	50.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1075308	51.603	ug/l	100
85) sec-Butylbenzene	11.94	105	1272304	53.222	ug/l	100
86) p-Isopropyltoluene	12.06	119	1166623	53.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580020	48.650	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586233	48.359	ug/l	100
89) n-Butylbenzene	12.39	91	1028416	55.118	ug/l	99
90) Hexachloroethane	12.59	117	209462	53.329	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589648	49.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89602	47.237	ug/l	98

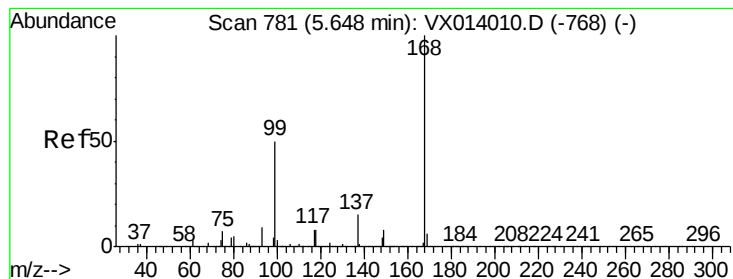
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	404888	51.905	ug/l	98
94) Hexachlorobutadiene	13.78	225	192678	51.395	ug/l	98
95) Naphthalene	13.83	128	1197258	52.240	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	404330	52.508	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

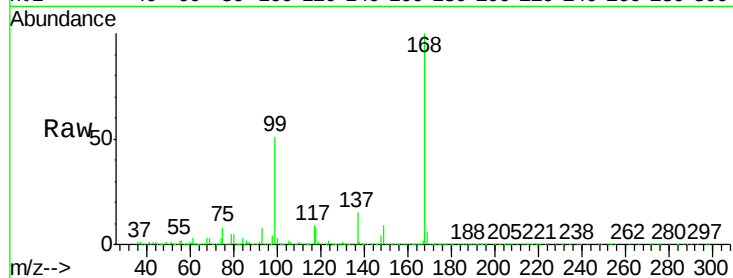
ClientSampleId :

Tot Ion:168 Resp: 509534

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

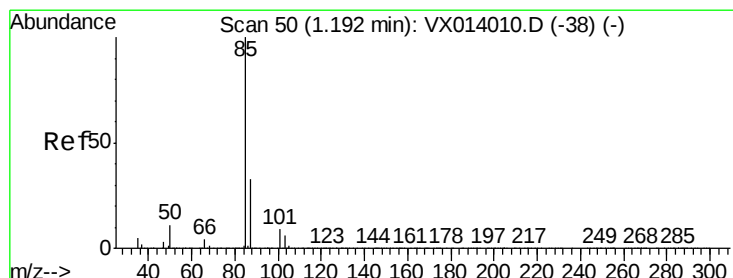
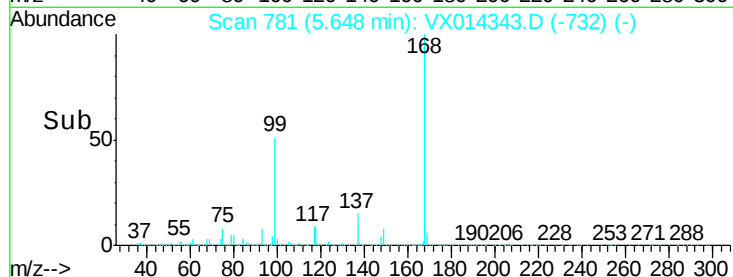
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.537 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014343.D

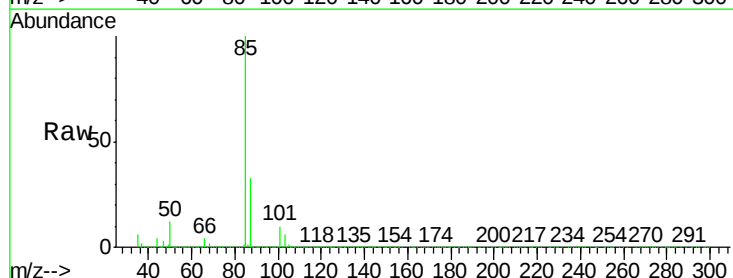
Acq: 30 Dec 2019 09:48

Tgt Ion: 85 Resp: 198463

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

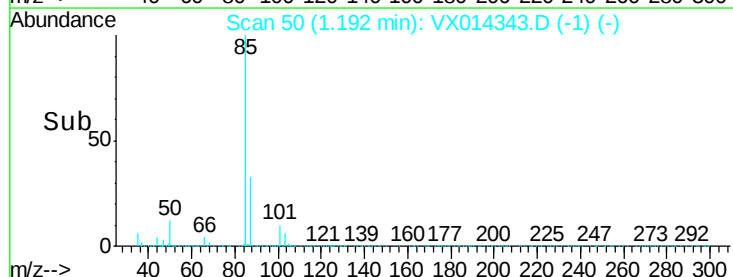
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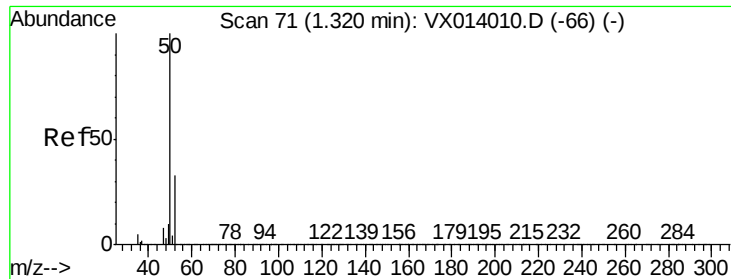
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.773 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

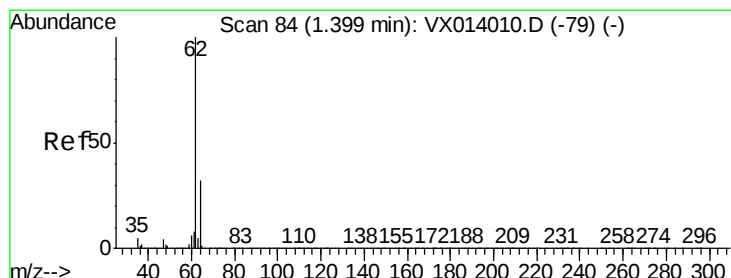
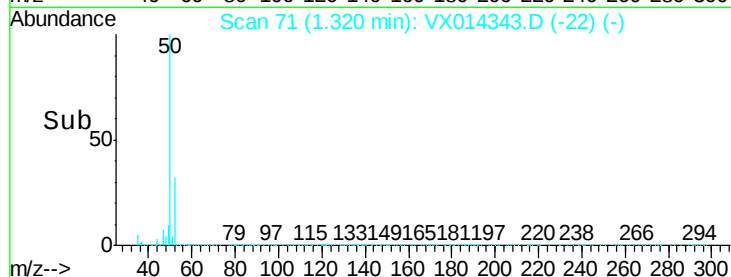
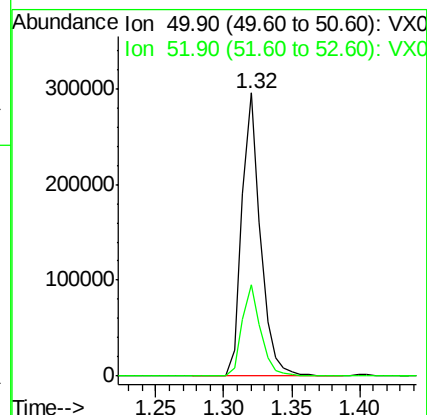
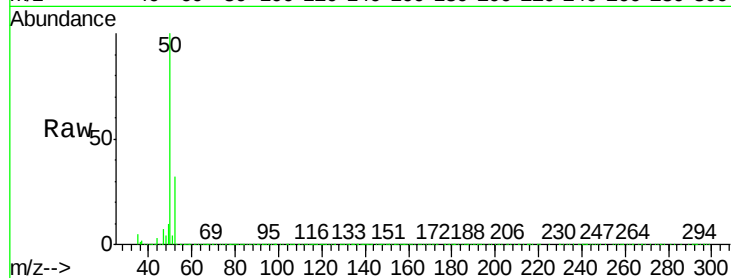
ClientSampleId :

Tot Ion: 50 Resp: 280016

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 45.988 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014343.D

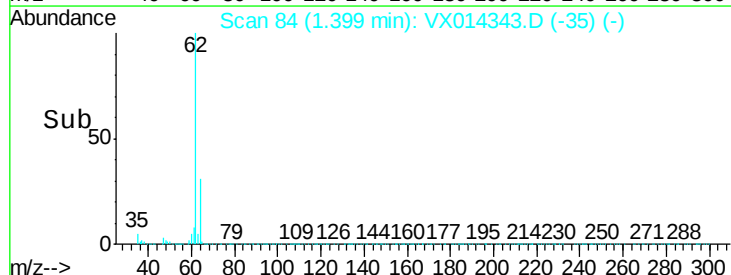
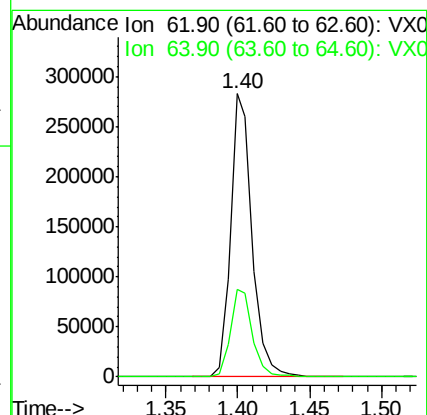
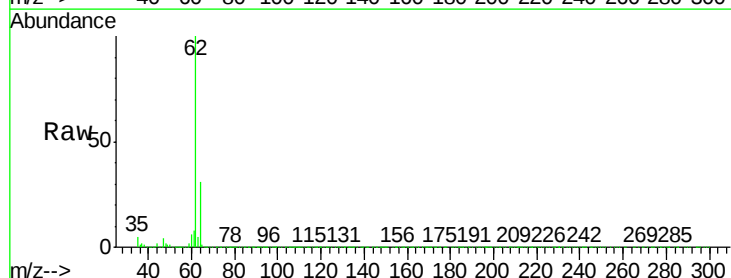
Acq: 30 Dec 2019 09:48

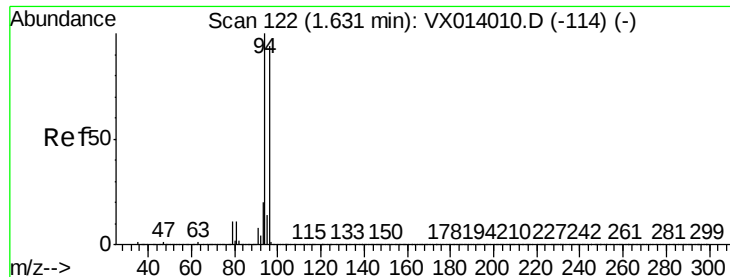
Tgt Ion: 62 Resp: 296853

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 45.120 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

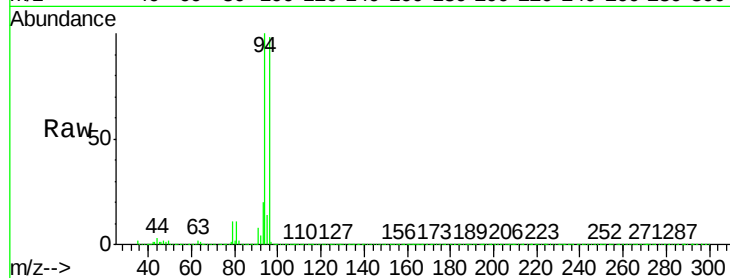
ClientSampleId :

Tot Ion: 94 Resp: 206717

Ion Ratio Lower Upper

94 100

96 97.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250000

200000

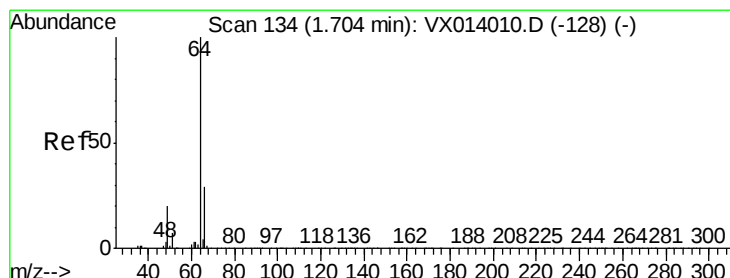
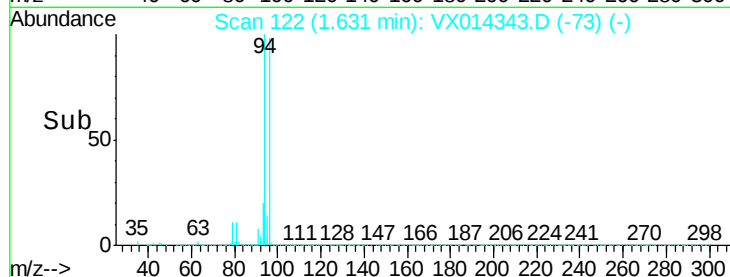
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.101 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014343.D

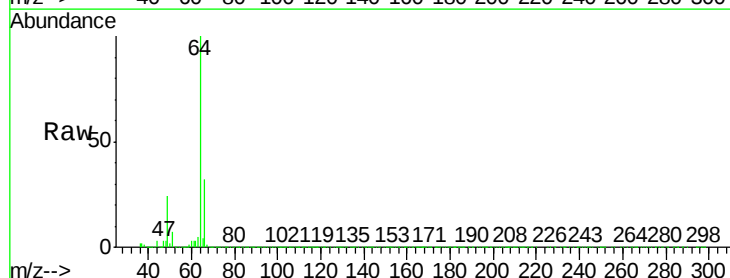
Acq: 30 Dec 2019 09:48

Tgt Ion: 64 Resp: 191632

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

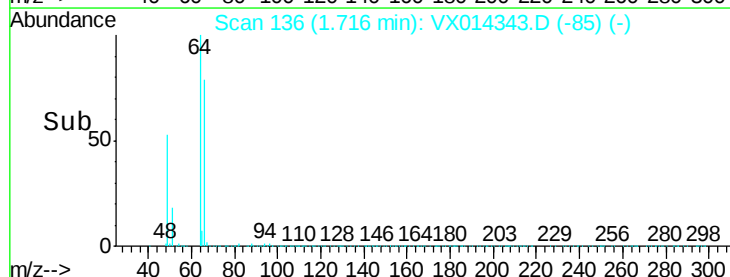
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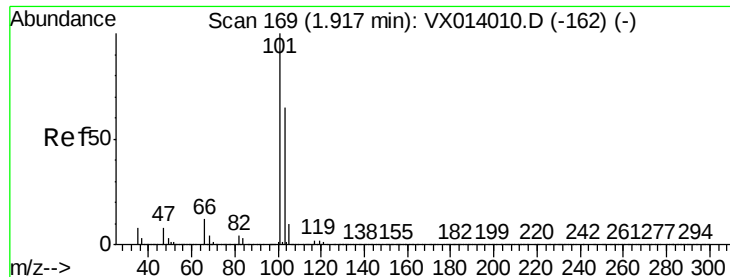
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Time-->



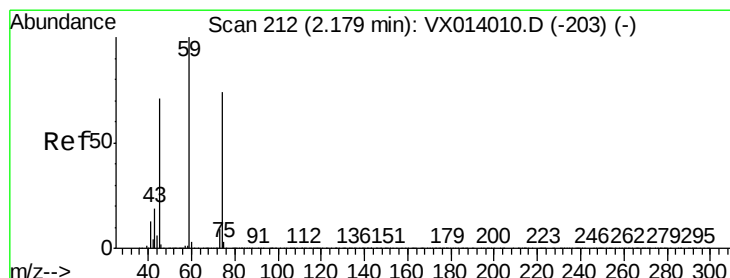
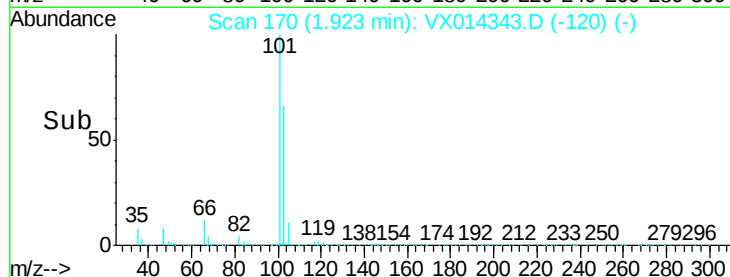
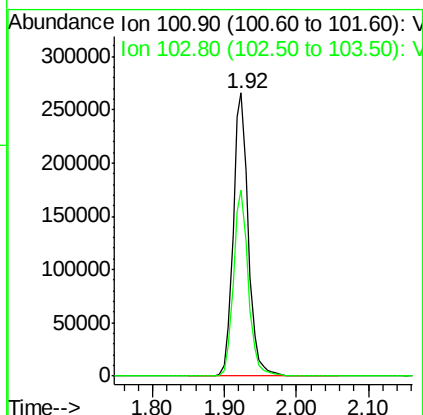
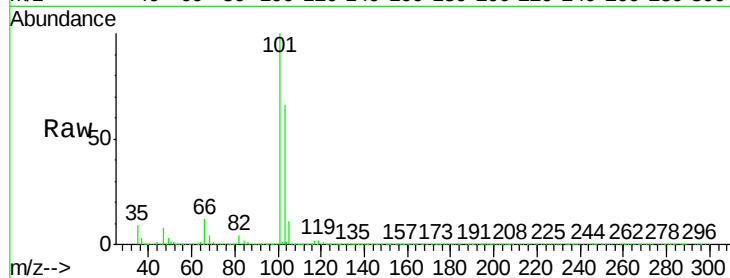


#7

Trichlorofluoromethane
Concen: 48.826 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
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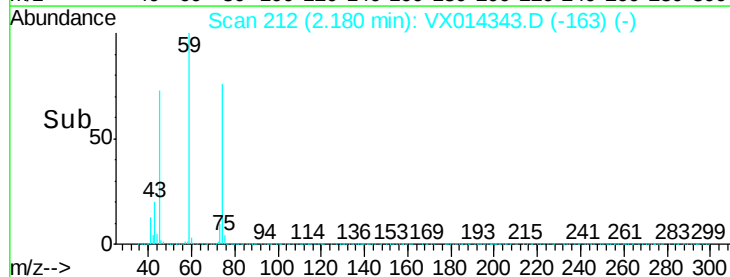
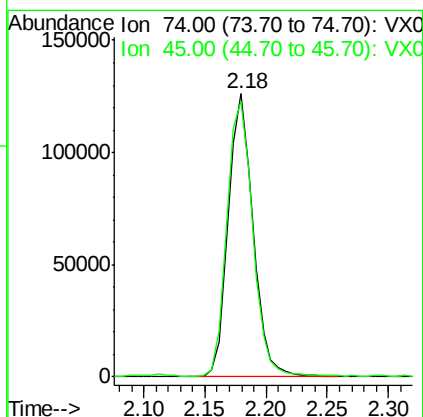
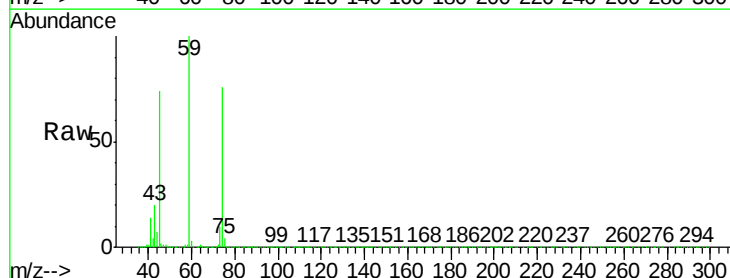
Tot Ion:101 Resp: 390159
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.4



#8

Diethyl Ether
Concen: 46.725 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 74 Resp: 175231
Ion Ratio Lower Upper
74 100
45 102.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.005 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

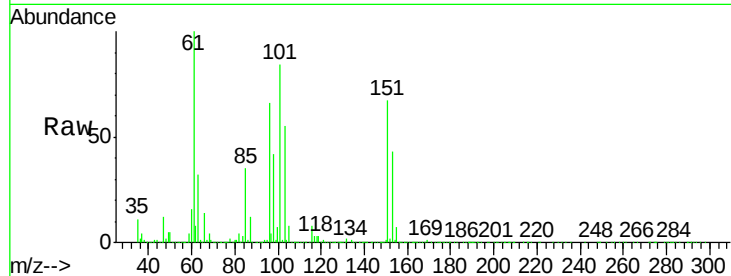
Tot Ion:101 Resp: 240866

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

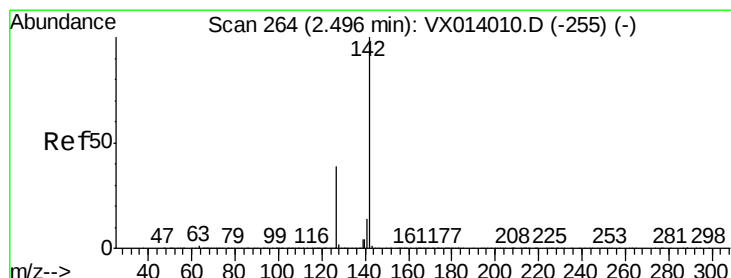
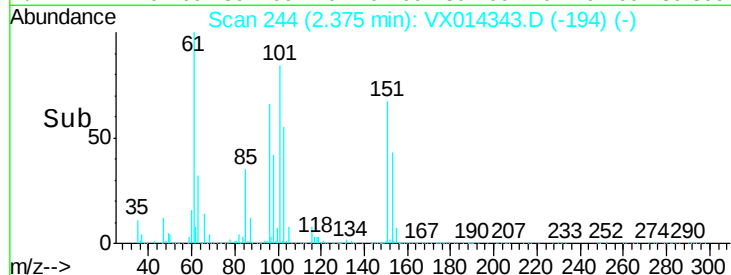
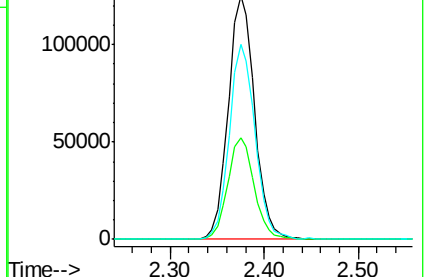
151 79.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.305 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

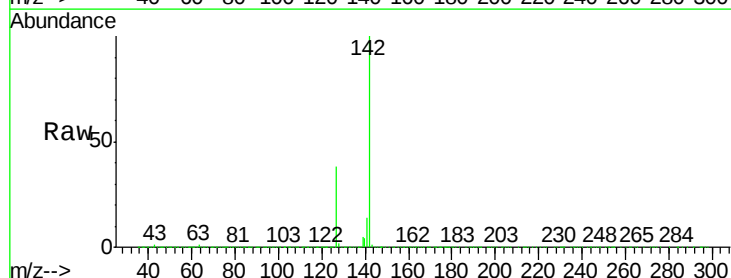
Tgt Ion:142 Resp: 286136

Ion Ratio Lower Upper

142 100

127 38.5 31.6 47.4

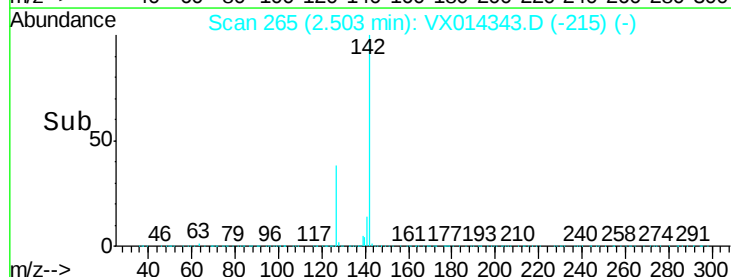
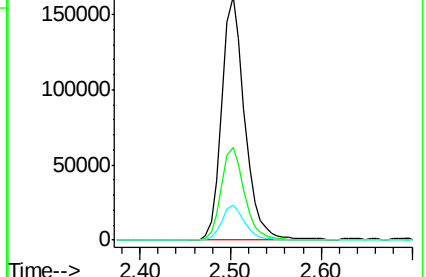
141 14.4 11.6 17.4

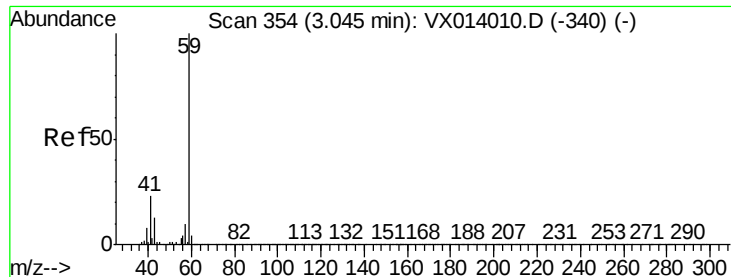


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



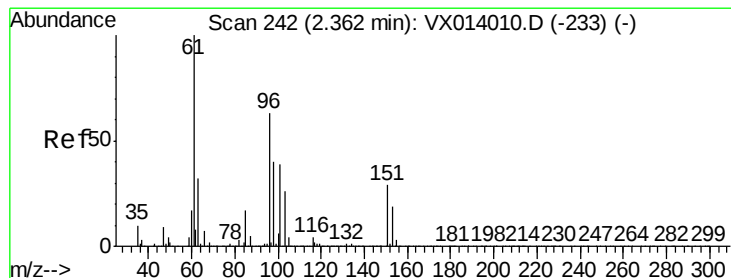
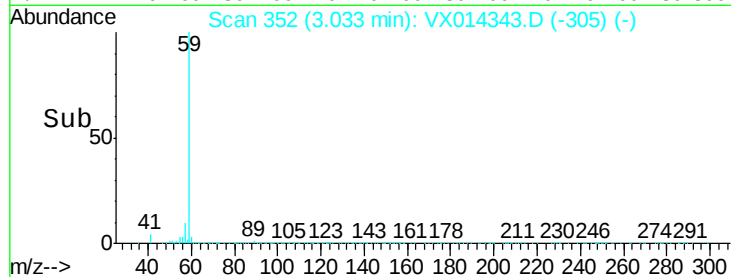
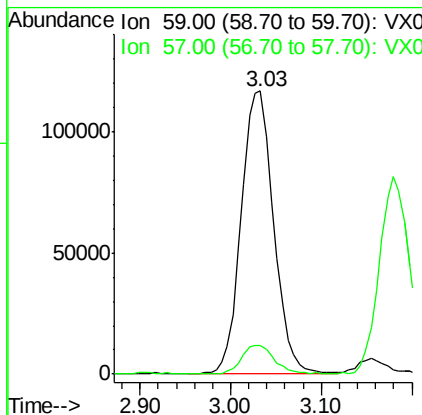
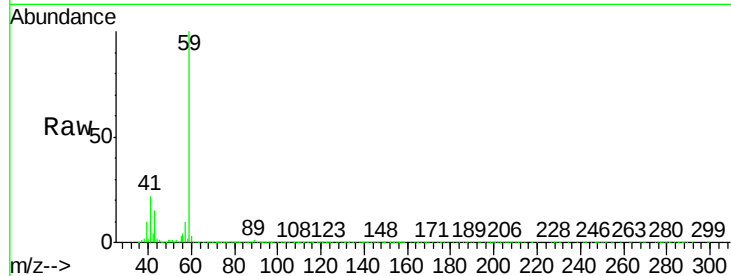


#11

Tert butyl alcohol
Concen: 230.705 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

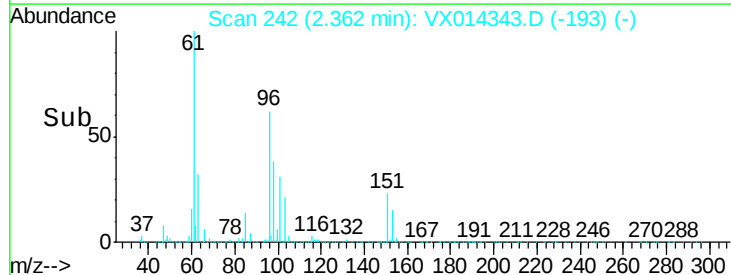
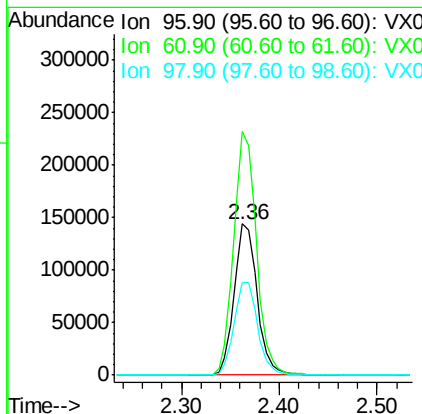
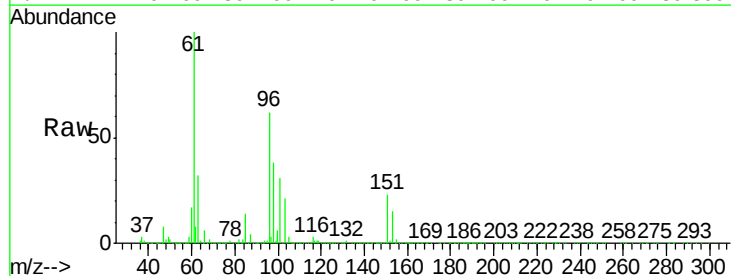
Tot Ion: 59 Resp: 287877
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12

1,1-Dichloroethene
Concen: 47.939 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 96 Resp: 234965
Ion Ratio Lower Upper
96 100
61 161.4 127.9 191.9
98 61.3 50.5 75.7





#13

Acrolein

Concen: 284.339 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

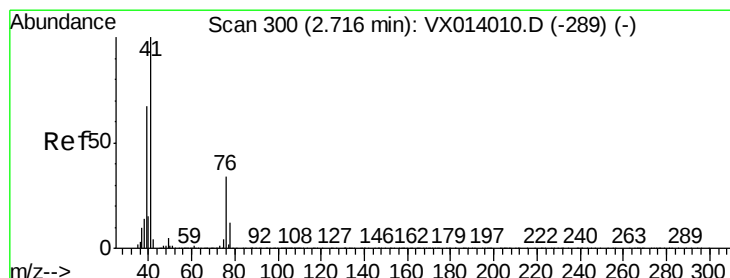
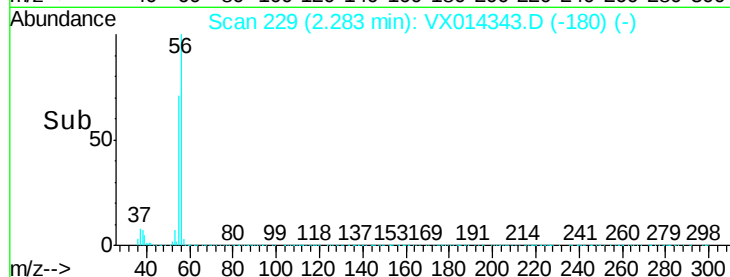
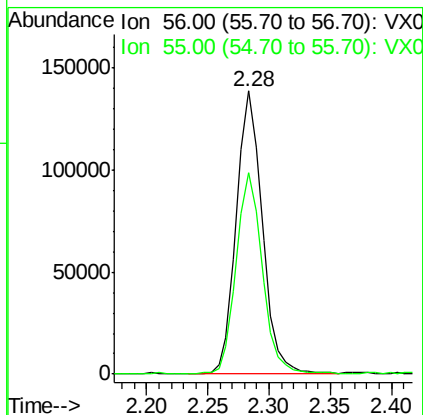
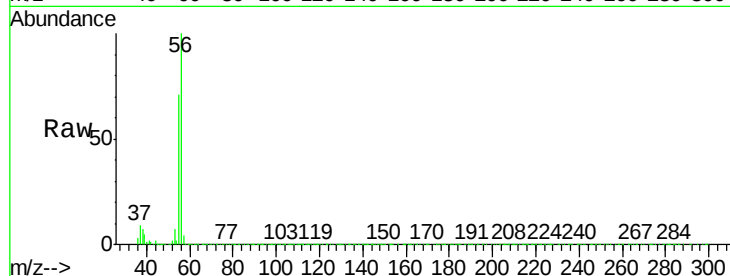
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 203100

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 51.575 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

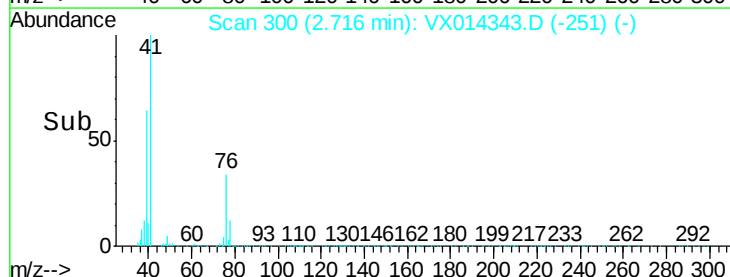
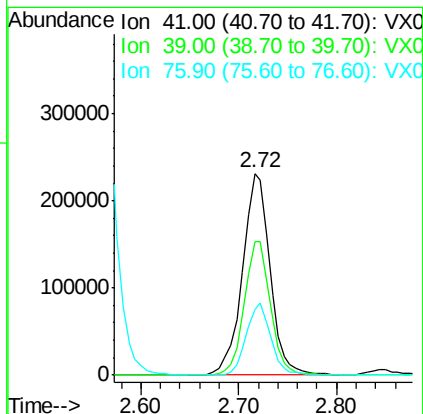
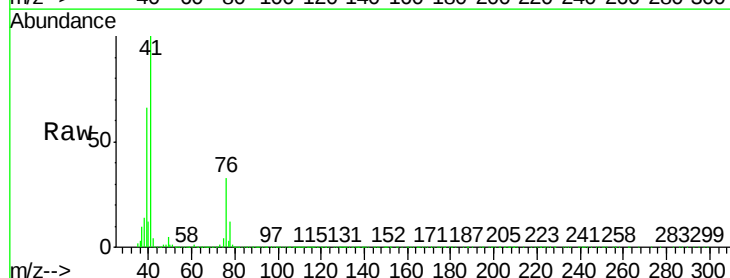
Tgt Ion: 41 Resp: 451349

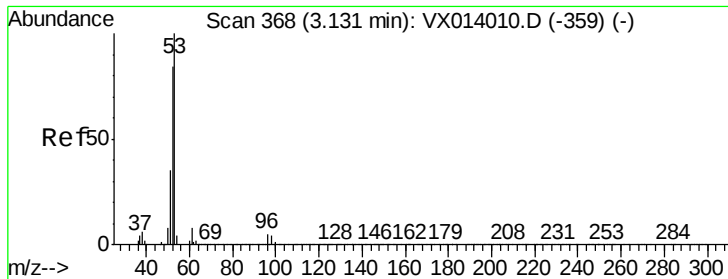
Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.8

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 256.976 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

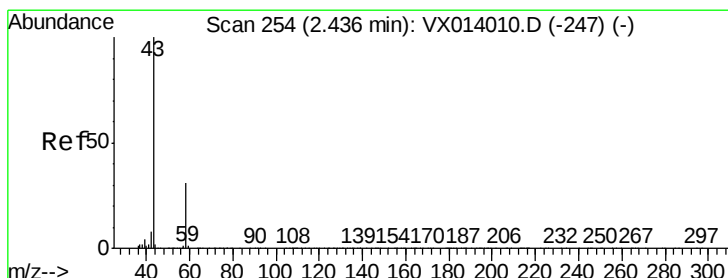
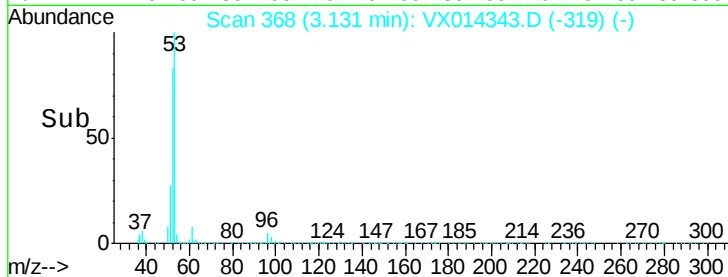
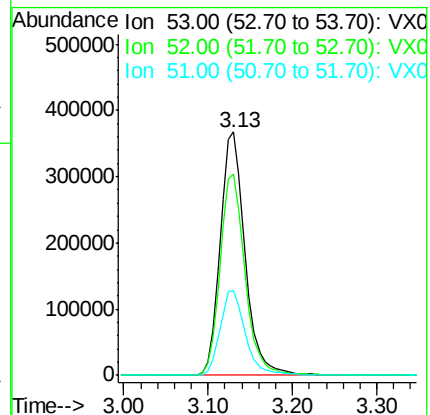
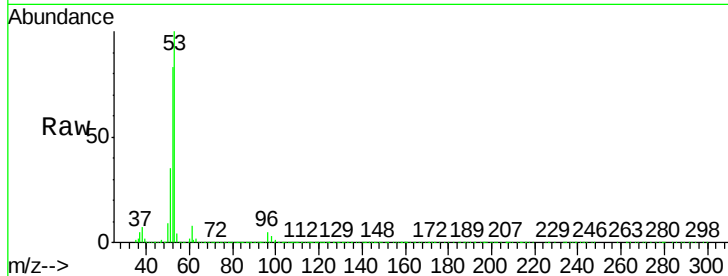
Tot Ion: 53 Resp: 748440

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 35.3 28.1 42.1



#16

Acetone

Concen: 230.315 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014343.D

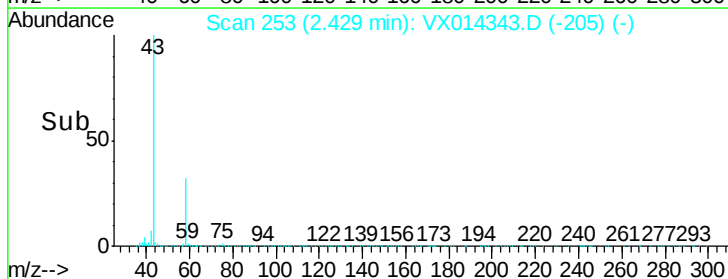
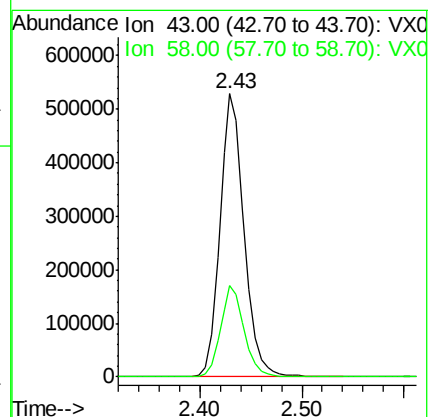
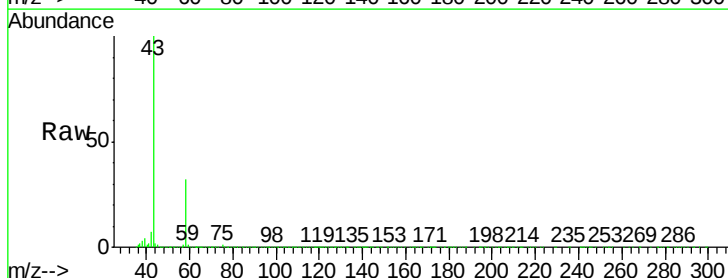
Acq: 30 Dec 2019 09:48

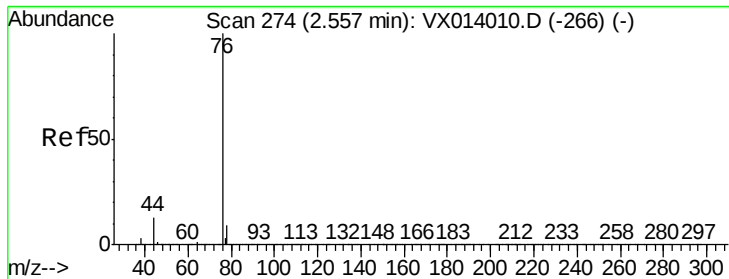
Tgt Ion: 43 Resp: 863479

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3

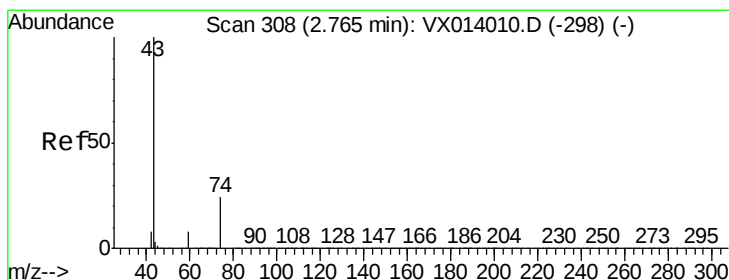
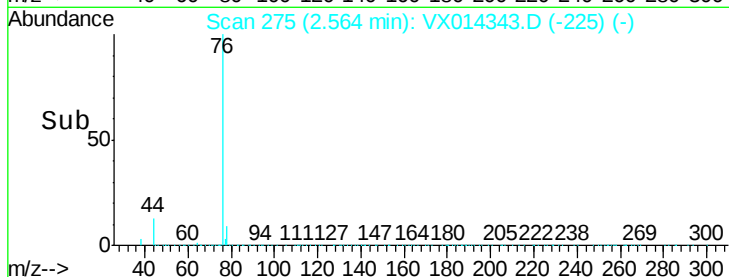
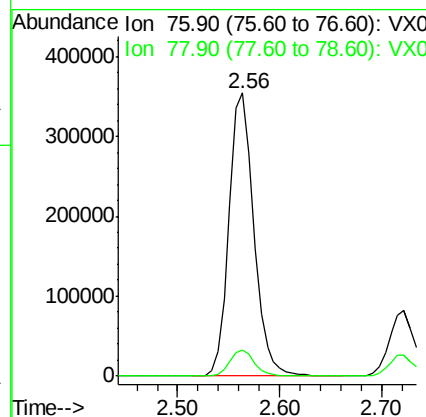
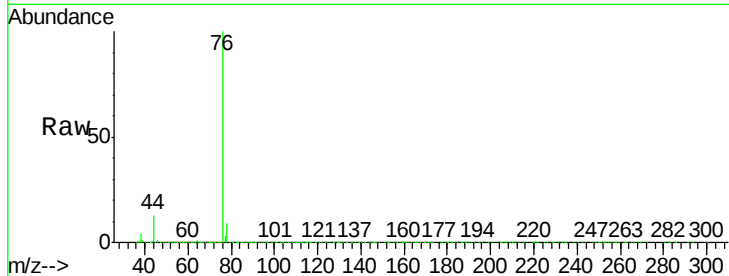




#17
Carbon Disulfide
Concen: 44.057 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

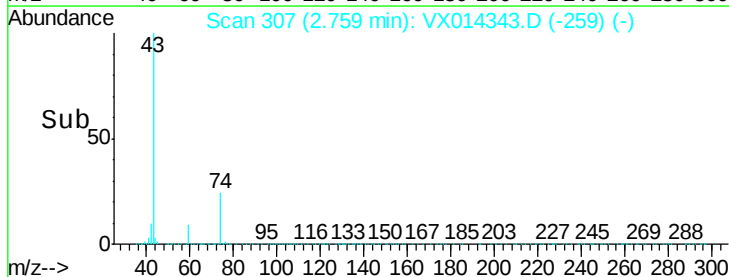
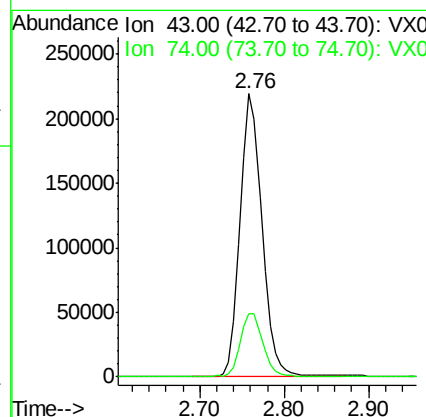
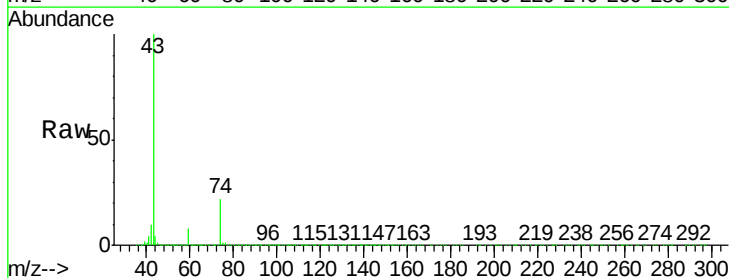
Instrument :
MSVOA_X
ClientSampleId :

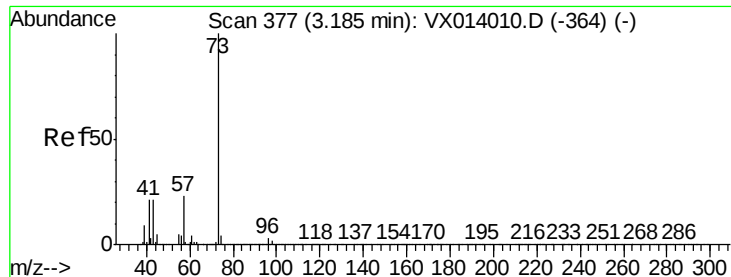
Tot Ion: 76 Resp: 598254
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 51.904 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 43 Resp: 385599
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3

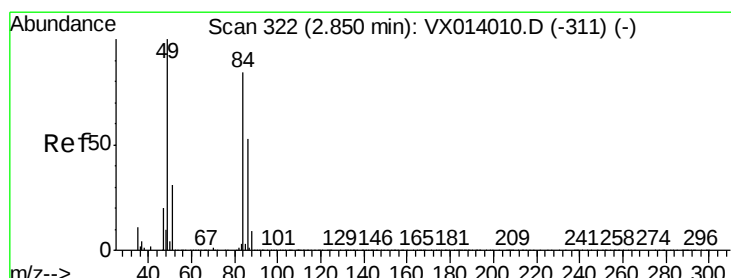
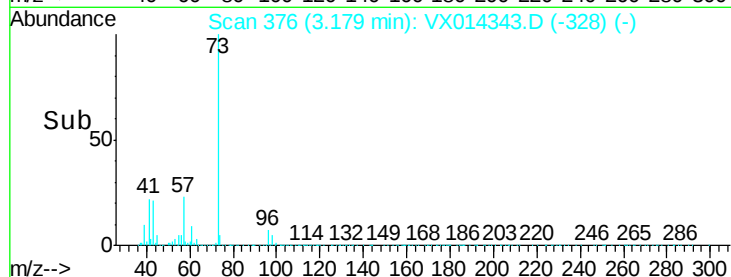
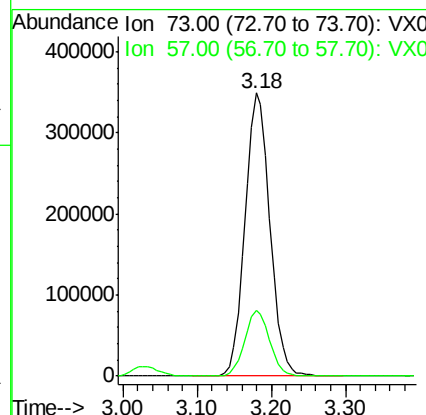
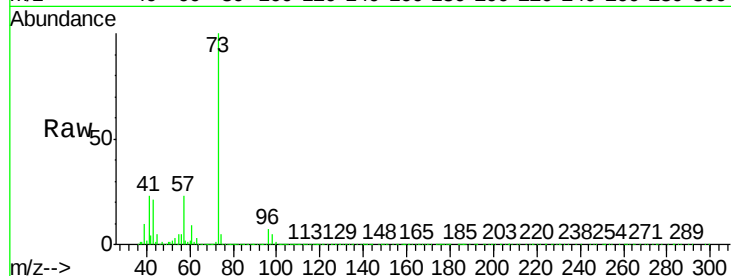




#19
Methyl tert-butyl Ether
Concen: 50.770 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

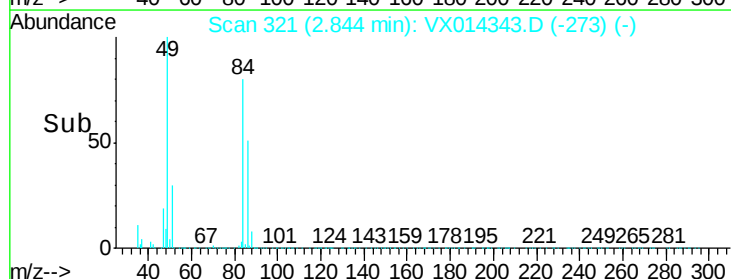
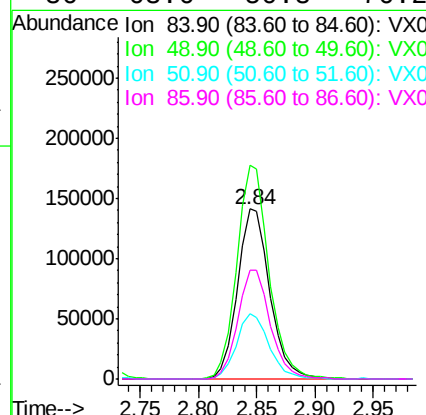
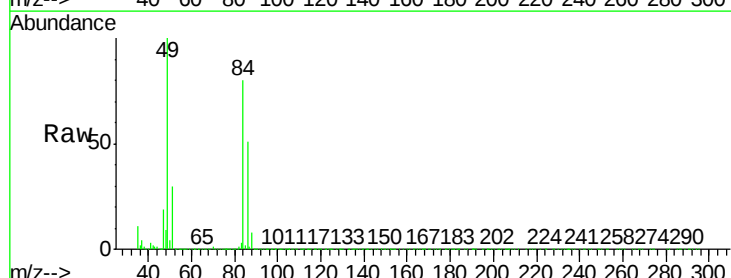
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 817715
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 46.275 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 84 Resp: 273200
Ion Ratio Lower Upper
84 100
49 125.5 95.8 143.6
51 38.1 29.8 44.8
86 63.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.713 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

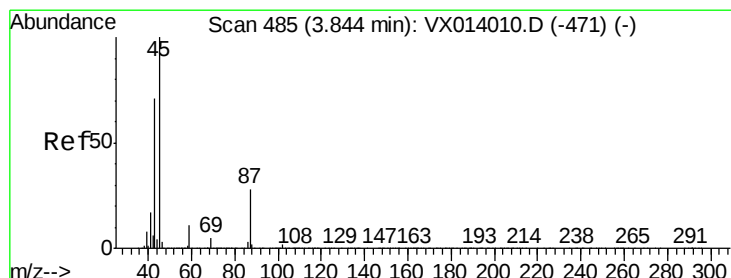
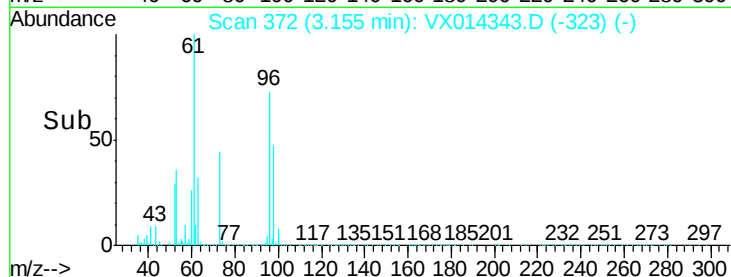
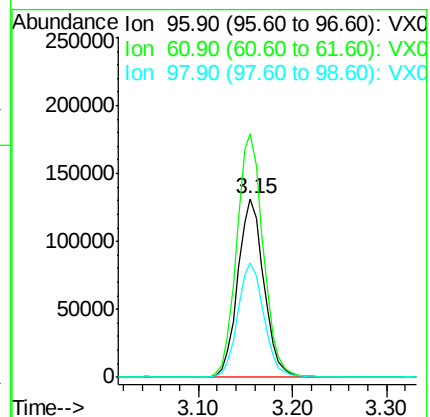
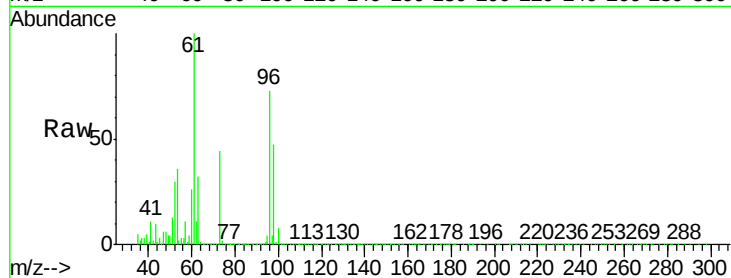
Tot Ion: 96 Resp: 252239

Ion Ratio Lower Upper

96 100

61 136.4 108.3 162.5

98 64.0 50.8 76.2



#22

Diisopropyl ether

Concen: 52.918 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion: 45 Resp: 922850

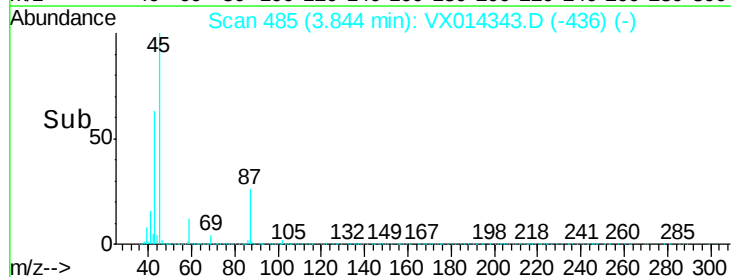
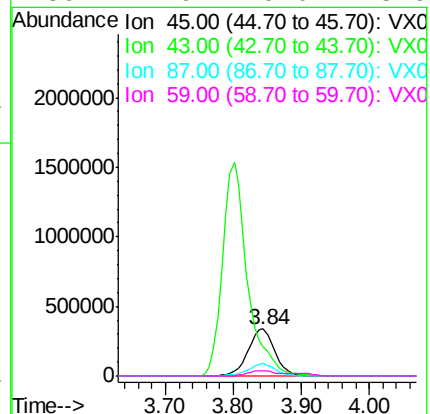
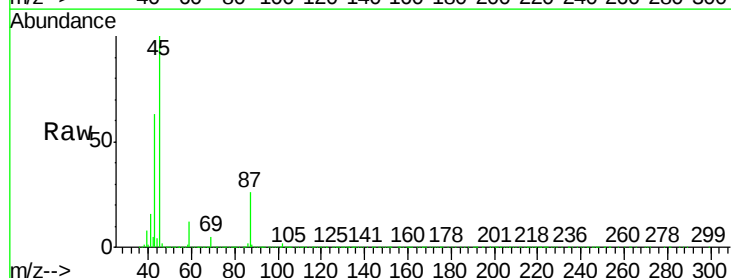
Ion Ratio Lower Upper

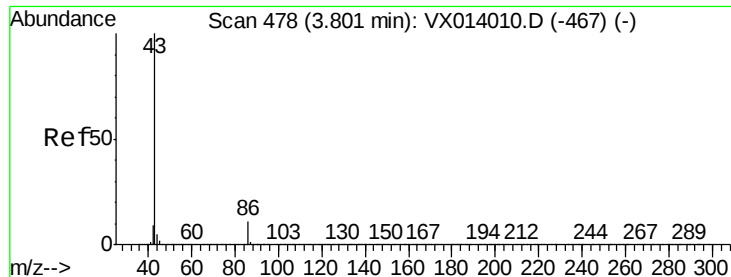
45 100

43 62.9 57.4 86.0

87 25.8 21.9 32.9

59 11.9 9.0 13.6





#23

Vinyl Acetate

Concen: 275.027 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

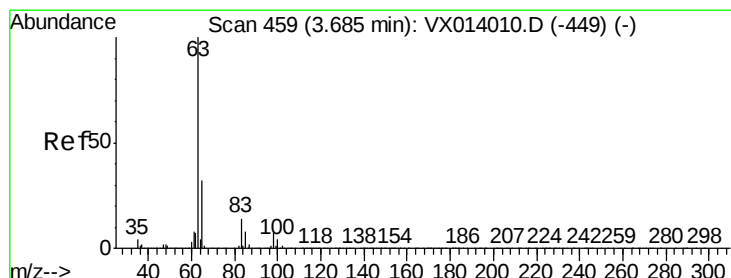
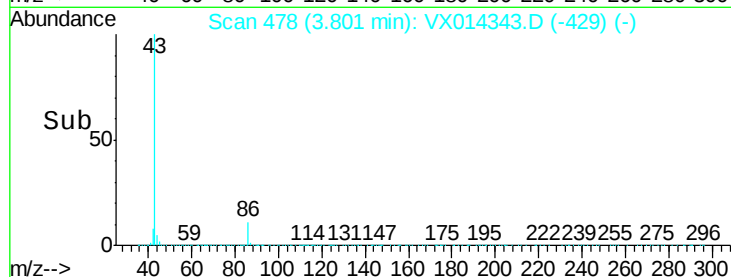
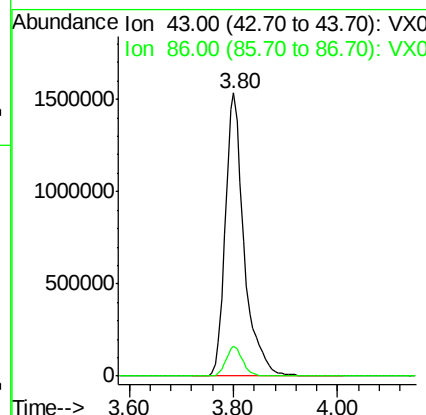
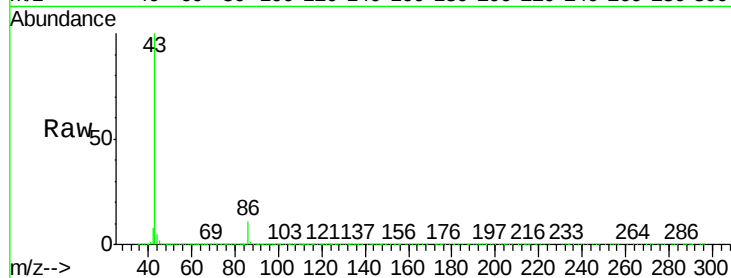
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3913994

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.780 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

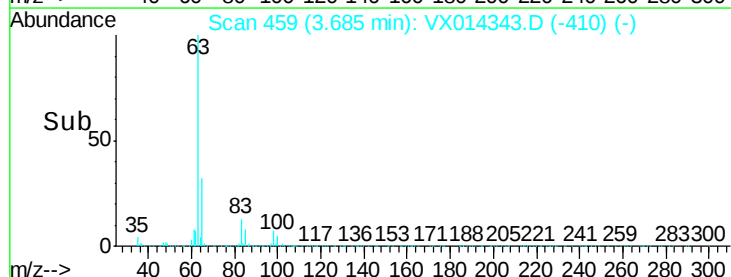
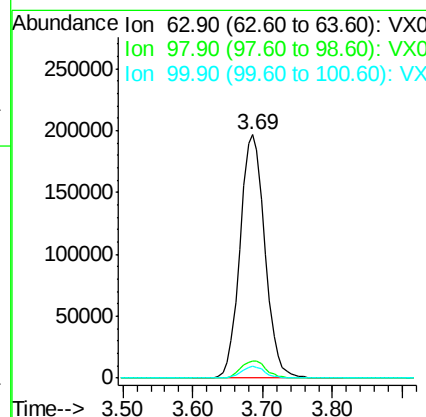
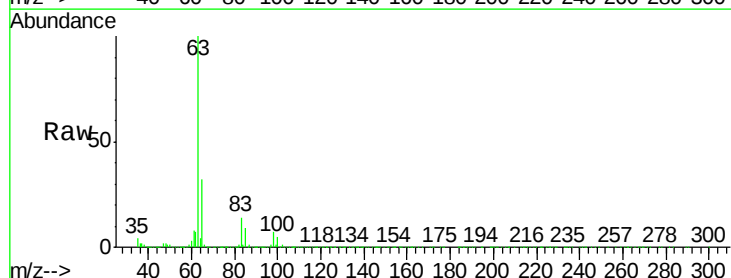
Tgt Ion: 63 Resp: 482985

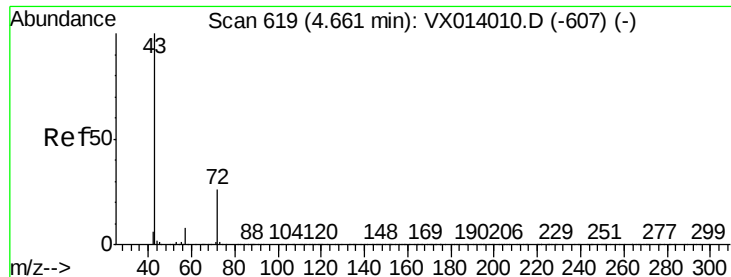
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 257.391 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

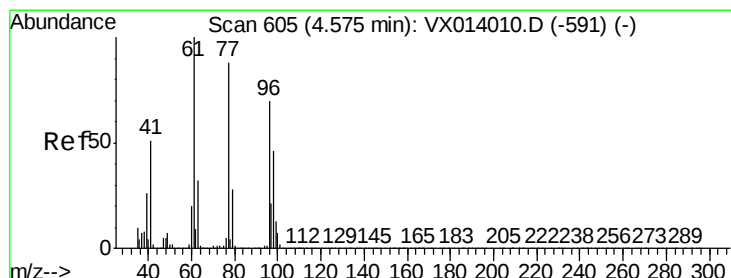
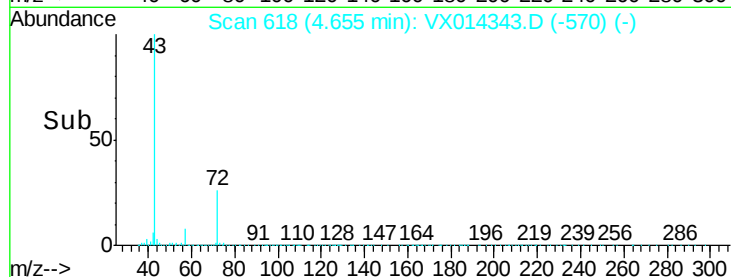
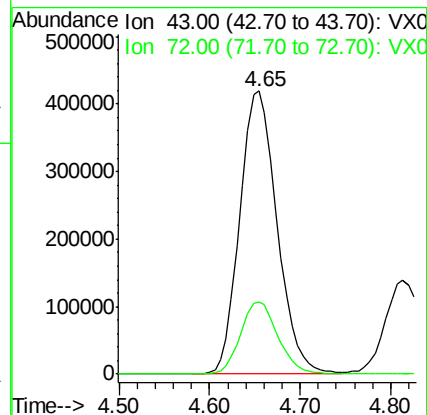
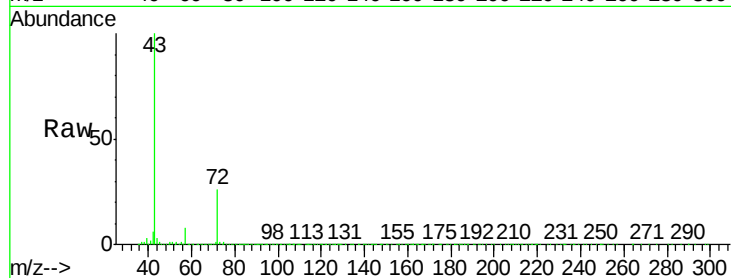
ClientSampleId :

Tot Ion: 43 Resp: 1189721

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.954 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014343.D

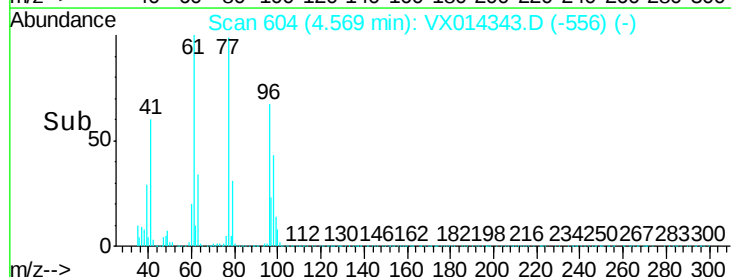
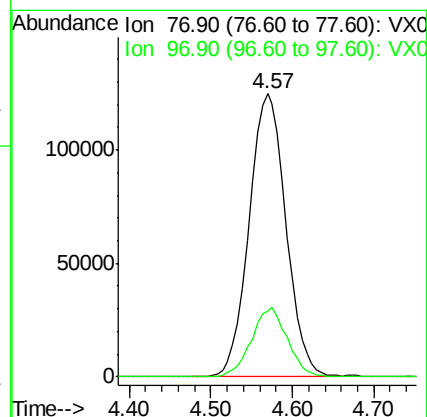
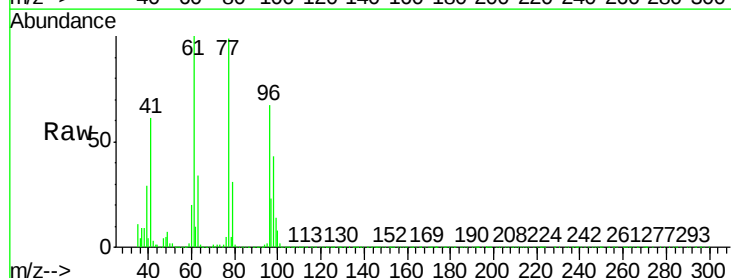
Acq: 30 Dec 2019 09:48

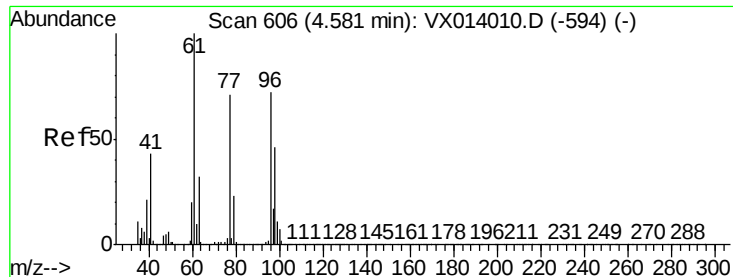
Tgt Ion: 77 Resp: 391373

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9



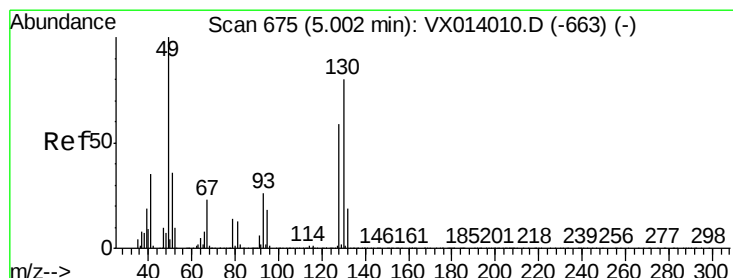
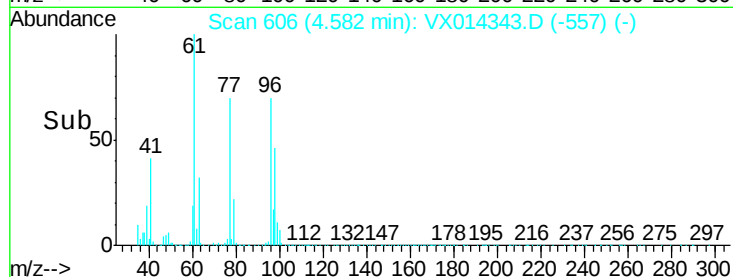
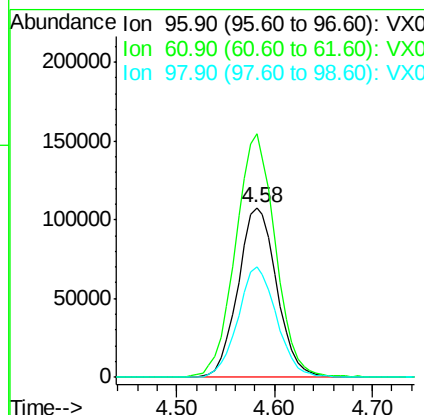
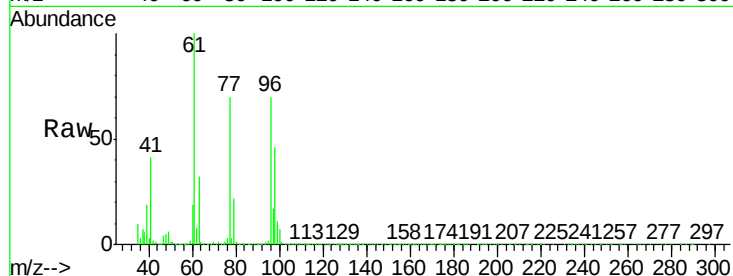


#27

cis-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

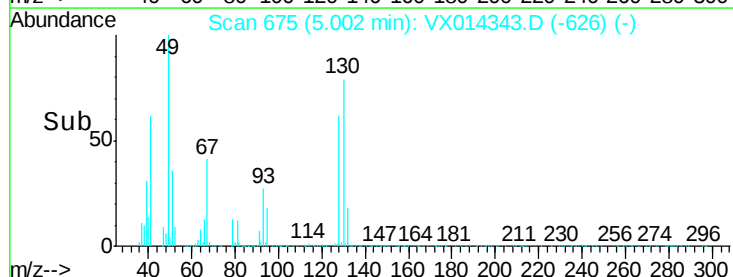
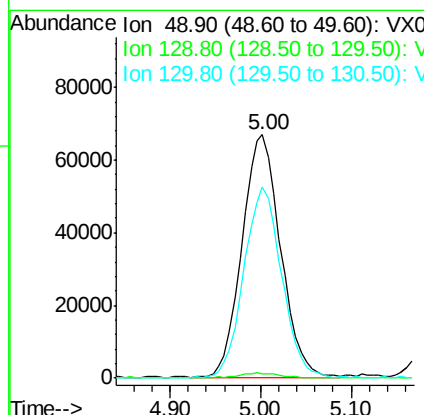
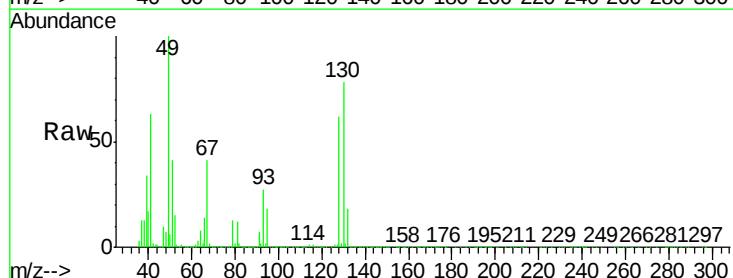
Tot Ion	96	Resp	295931
Ion Ratio	Lower	Upper	
96	100		
61	148.3	0.0	288.4
98	65.1	0.0	129.6

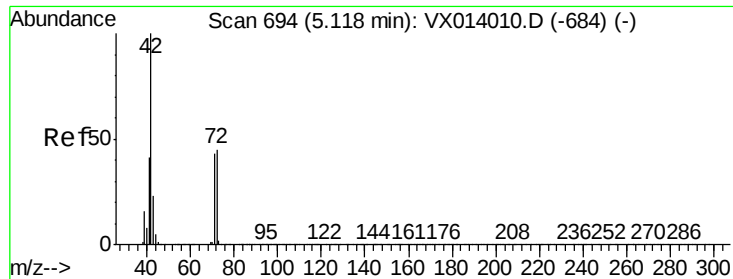


#28

Bromochloromethane
Concen: 52.776 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	49	Resp	197025
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.0
130	77.1	64.6	97.0

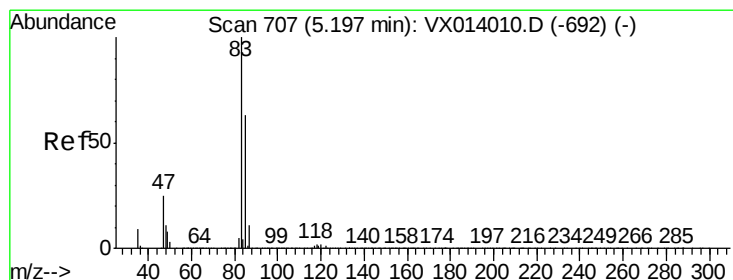
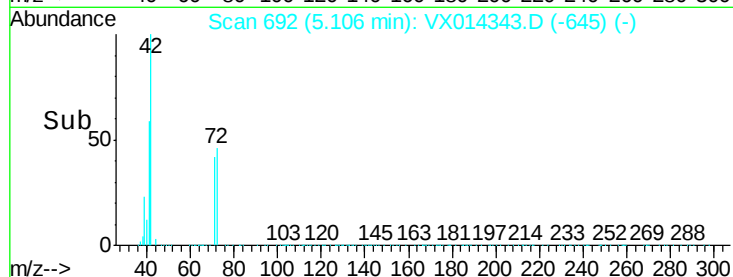
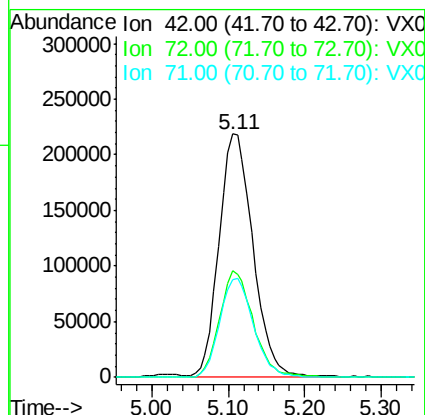
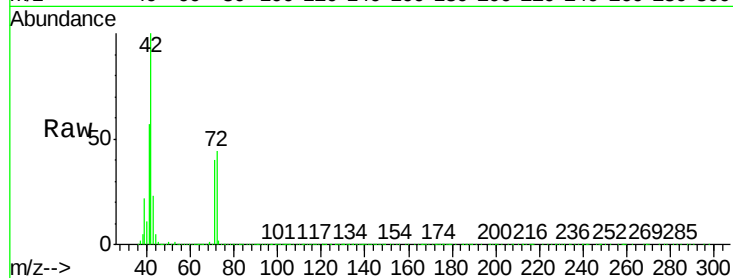




#29
Tetrahydrofuran
Concen: 258.600 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

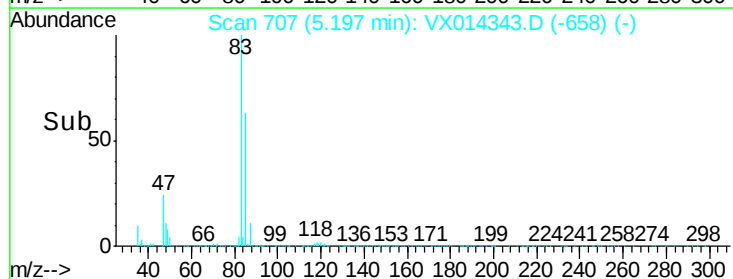
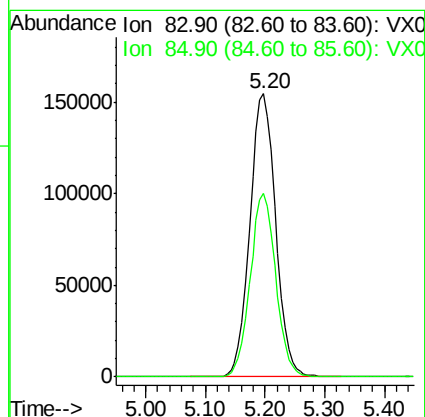
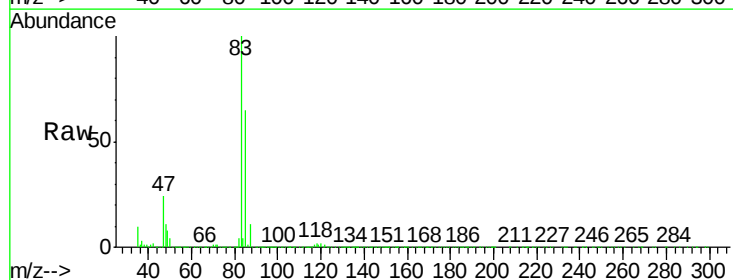
Instrument :
MSVOA_X
ClientSampleId :

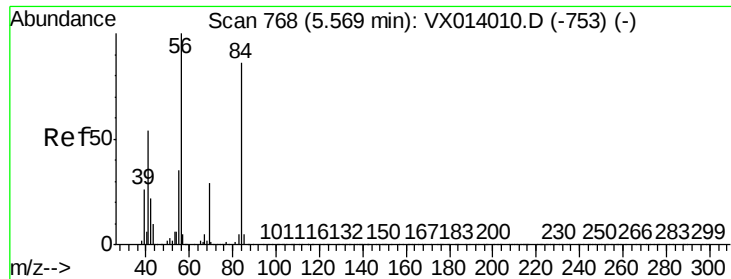
Tot Ion: 42 Resp: 668568
Ion Ratio Lower Upper
42 100
72 43.4 35.8 53.8
71 40.8 33.6 50.4



#30
Chloroform
Concen: 50.730 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 83 Resp: 466594
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2

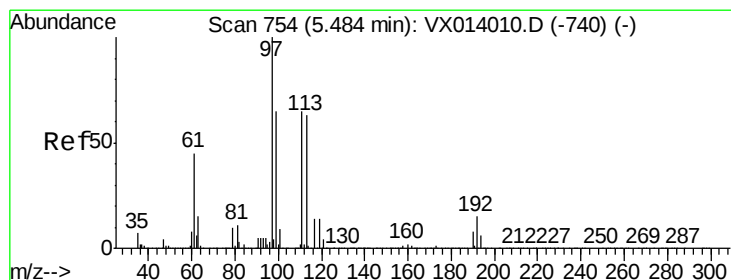
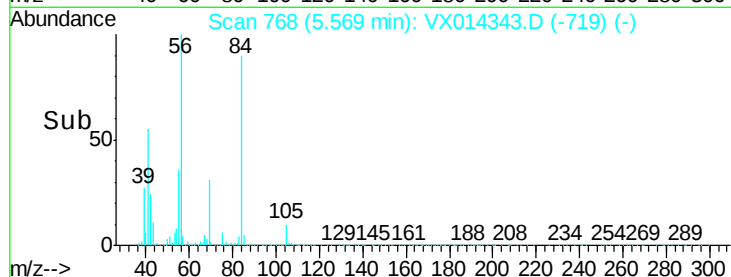
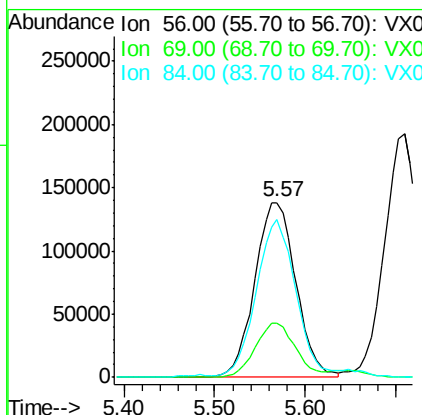
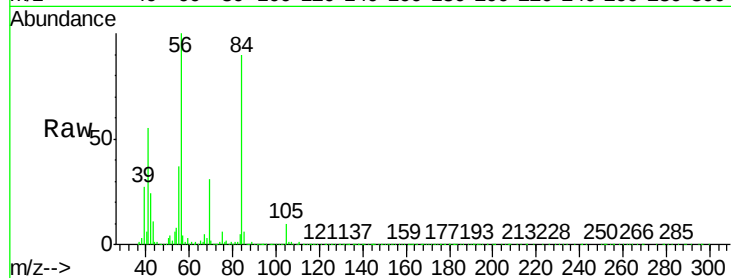




#31
Cyclohexane
Concen: 50.094 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

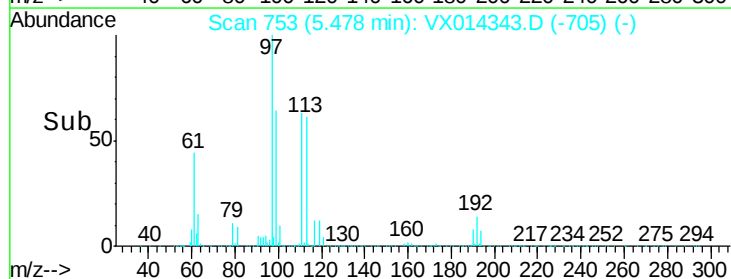
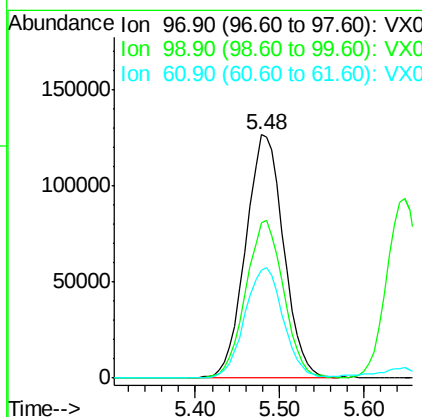
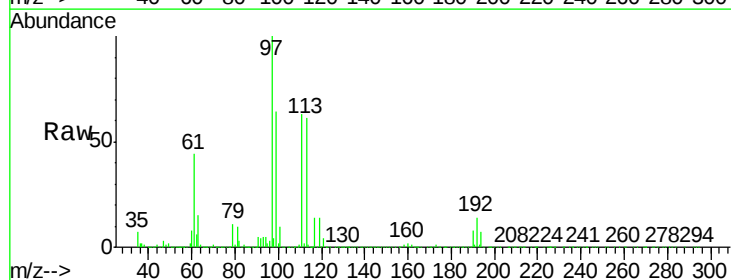
Instrument :
MSVOA_X
ClientSampleId :

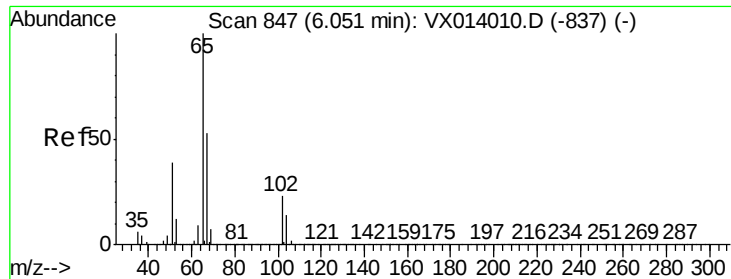
Tot Ion: 56 Resp: 432280
Ion Ratio Lower Upper
56 100
69 31.1 23.2 34.8
84 89.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.300 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 97 Resp: 386462
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.5 36.7 55.1

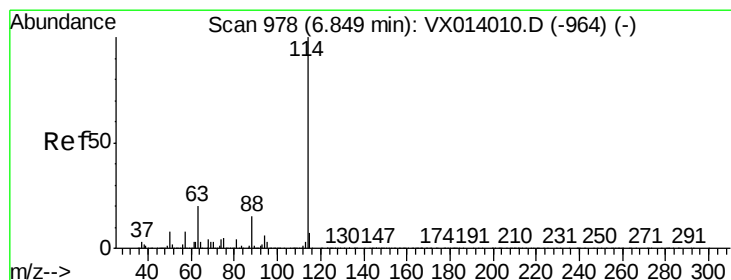
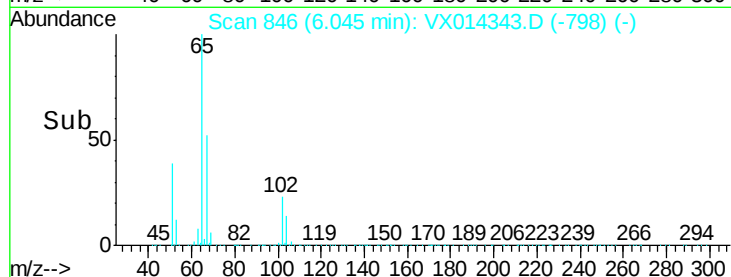
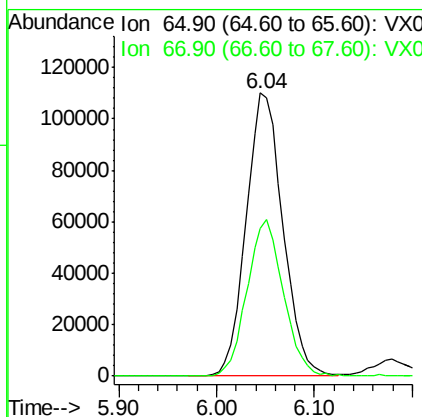
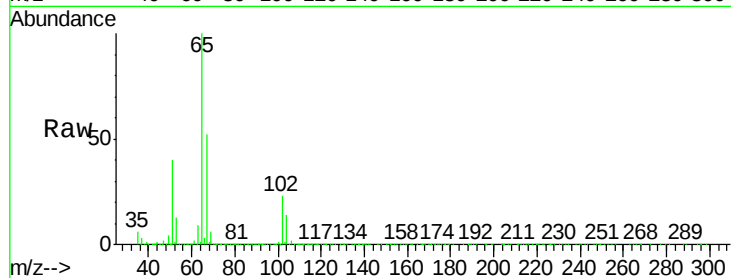




#33
 1,2-Dichloroethane-d4
 Concen: 49.513 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

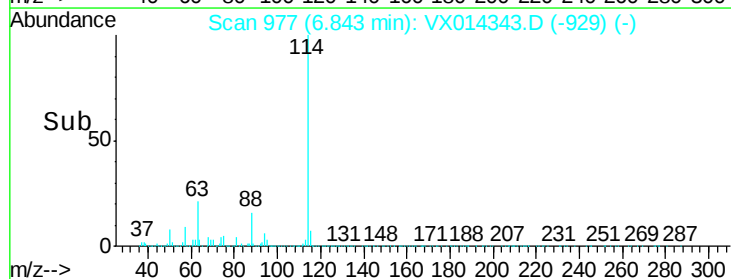
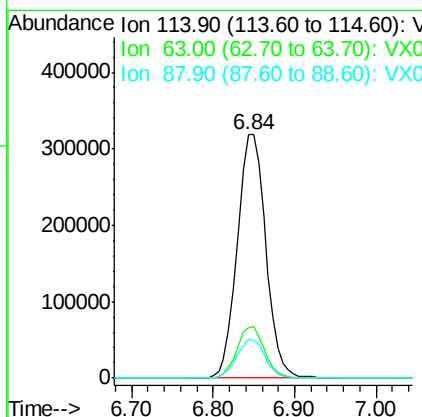
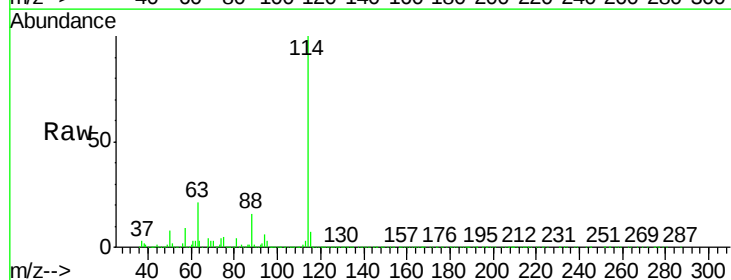
Instrument :
 MSVOA_X
 ClientSampleId :

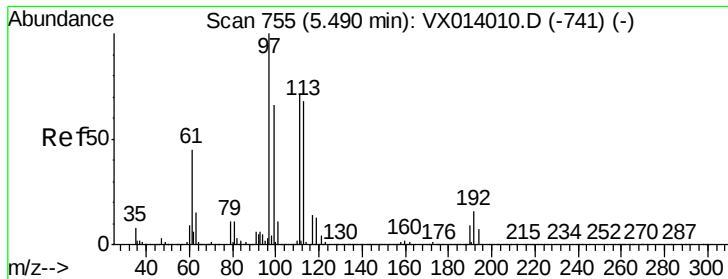
Tot Ion: 65 Resp: 285928
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion: 114 Resp: 770716
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.8 0.0 30.4

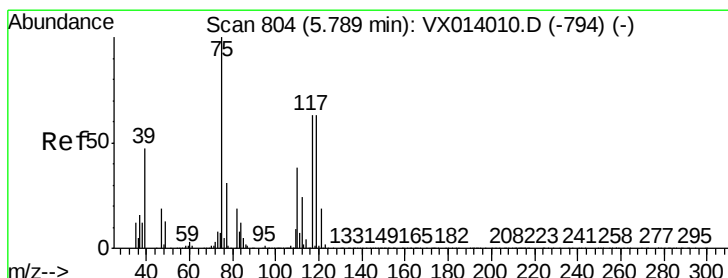
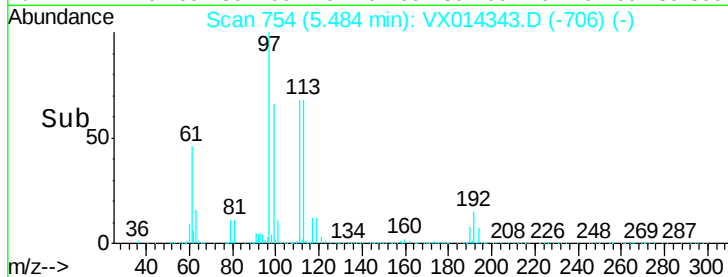
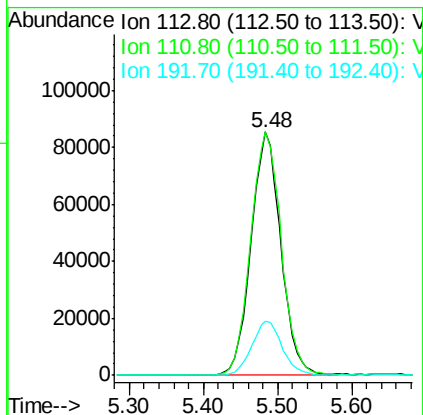
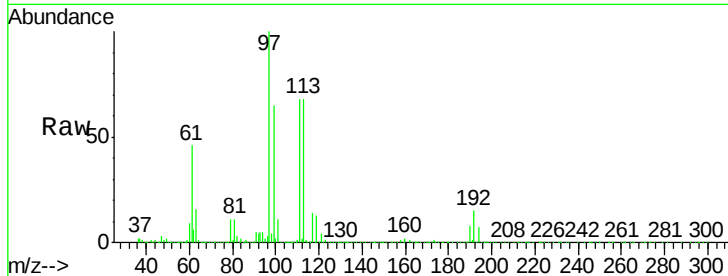




#35
 Dibromofluoromethane
 Concen: 50.901 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

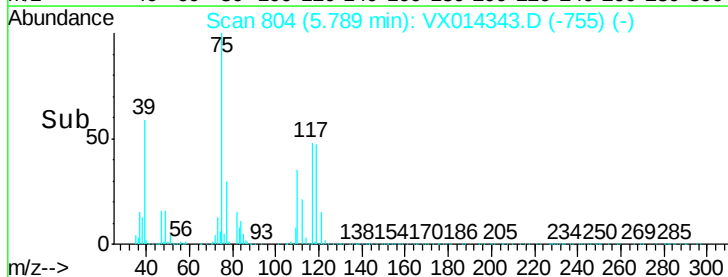
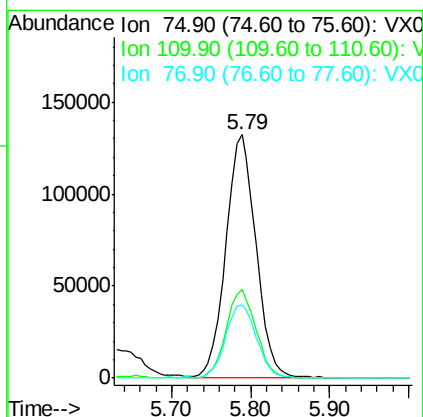
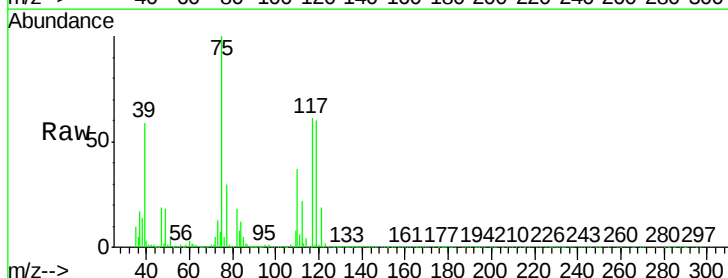
Instrument :
 MSVOA_X
 ClientSampleId :

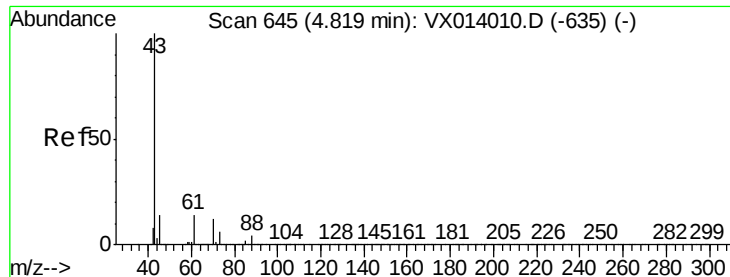
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.1	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 49.481 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.9
77	30.5	24.8	37.2

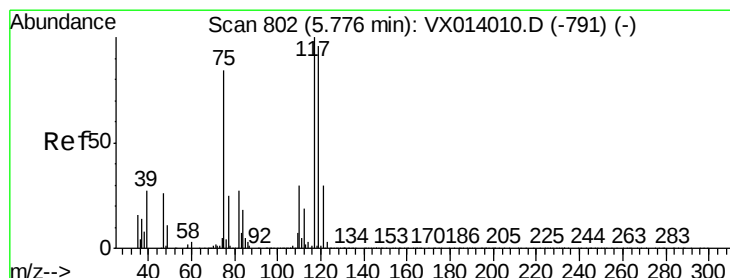
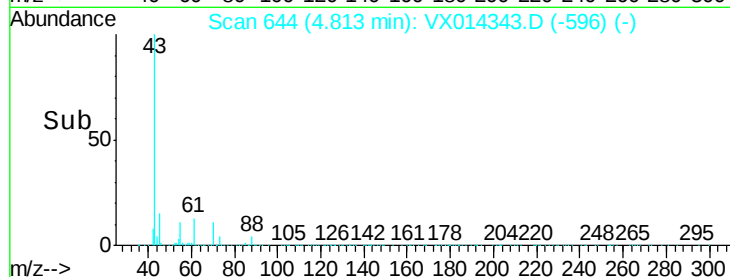
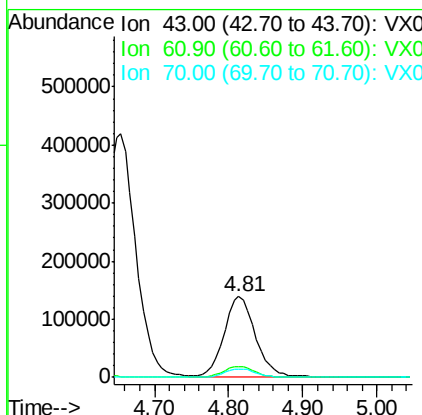
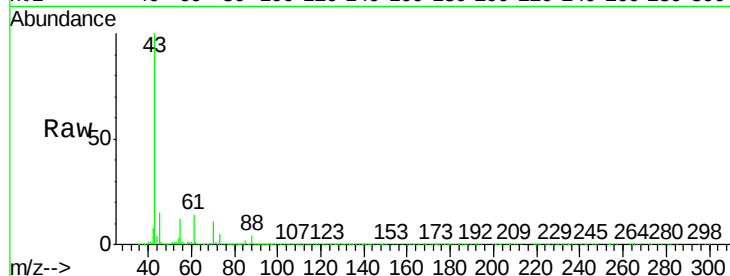




#37
Ethyl Acetate
Concen: 52.176 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

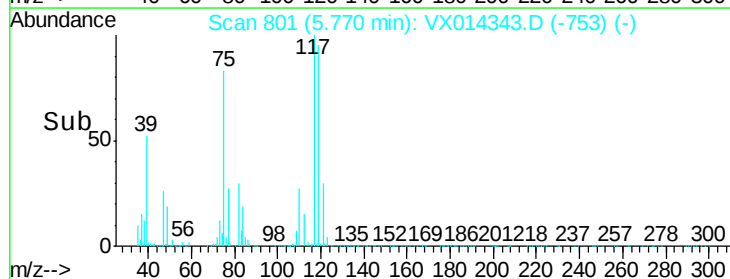
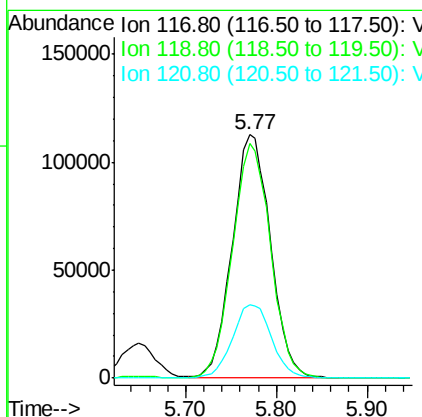
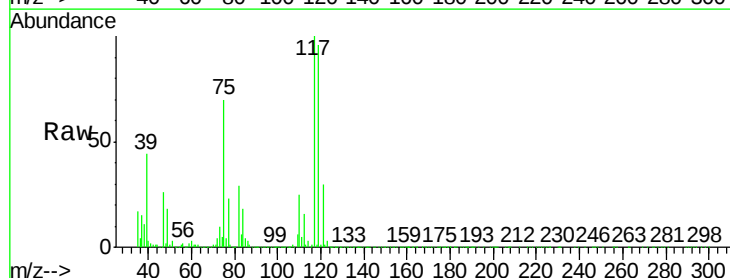
Instrument :
MSVOA_X
ClientSampled :

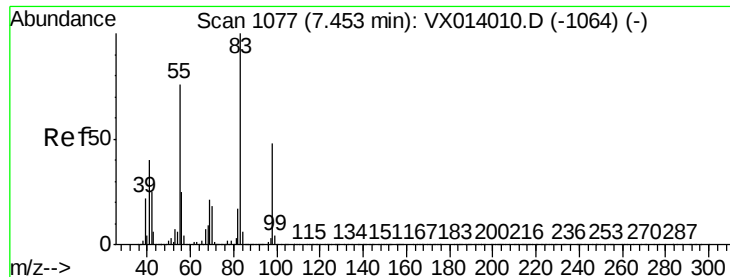
Tot Ion: 43 Resp: 407451
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 50.954 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 117 Resp: 328258
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
121 30.3 23.6 35.4

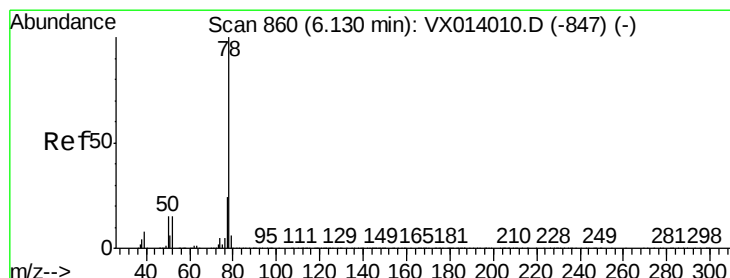
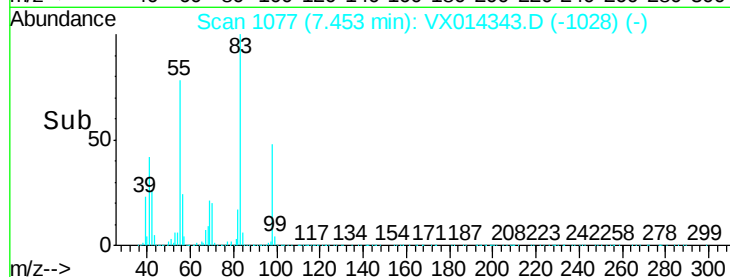
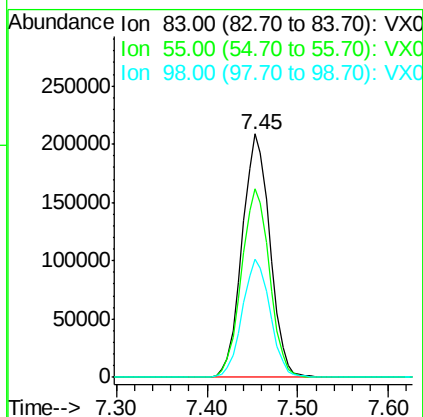
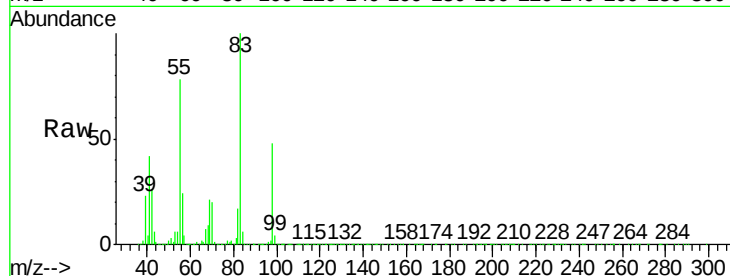




#39
Methvlcvclohexane
Concen: 50.794 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

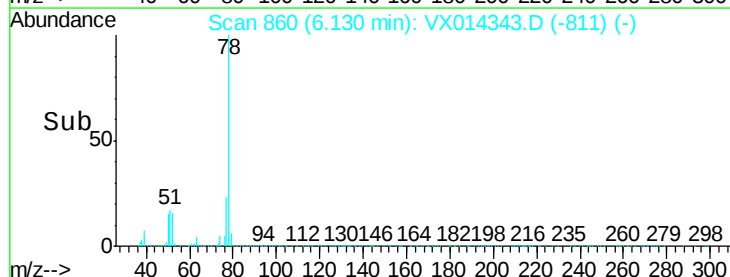
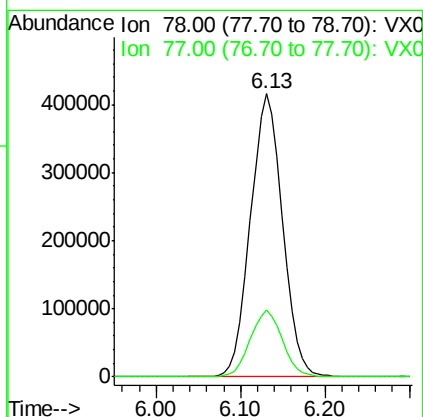
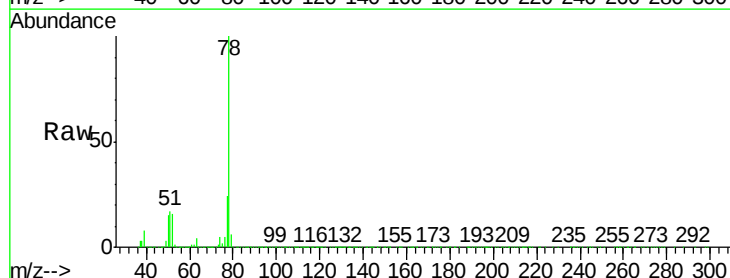
Instrument :
MSVOA_X
ClientSampled :

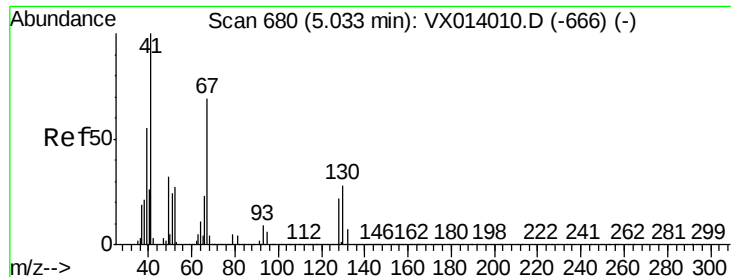
Tot Ion	83.00	Resp	443527
Ion Ratio	Lower	Upper	
83	100		
55	77.5	61.0	91.6
98	48.4	38.6	57.8



#40
Benzene
Concen: 49.448 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	78	Resp	1075943
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.8	28.2

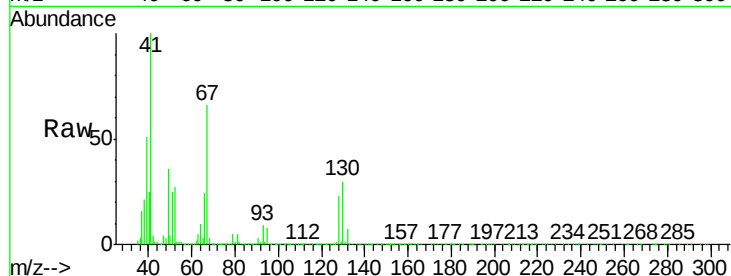




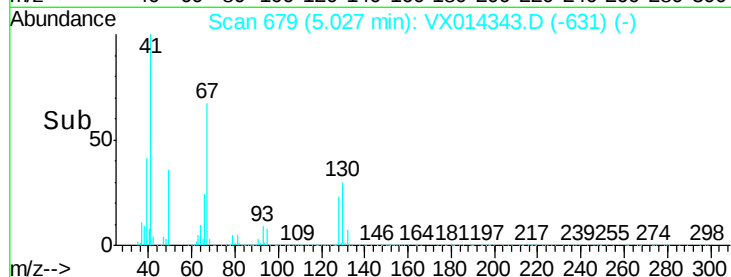
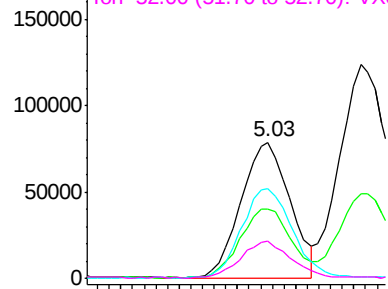
#41
Methacrylonitrile
Concen: 52.900 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampled :

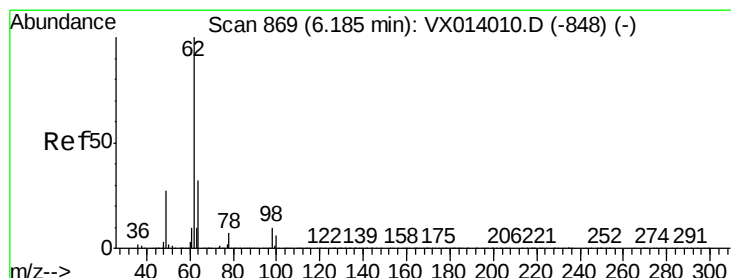
Tot Ion:	41	Resp:	229213
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	69.4	57.4	86.0
52	27.1	23.0	34.4



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

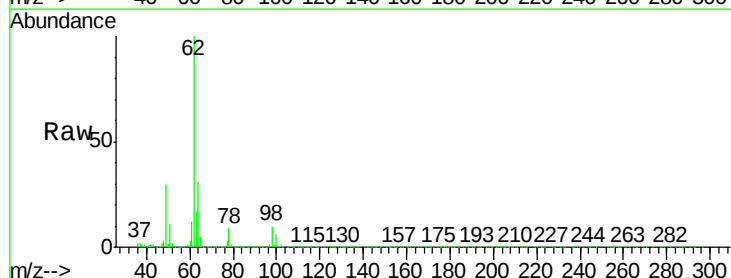


Time-->

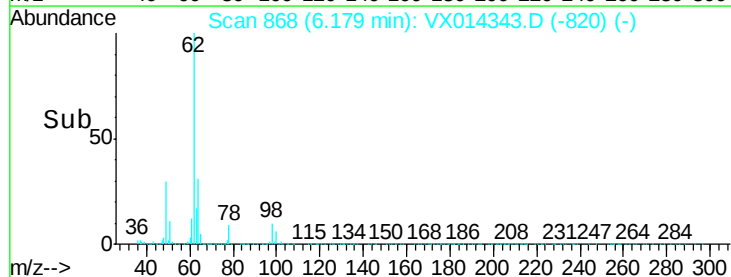
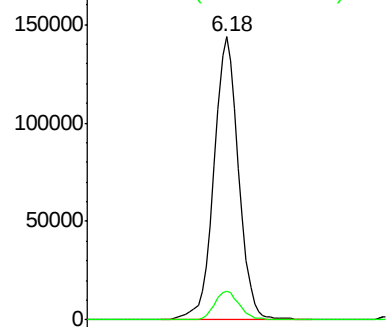


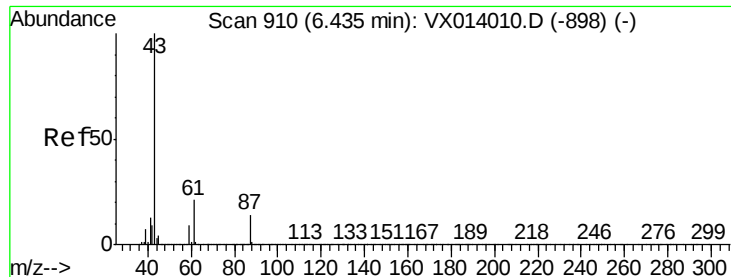
#42
1,2-Dichloroethane
Concen: 49.993 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:	62	Resp:	368737
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0



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



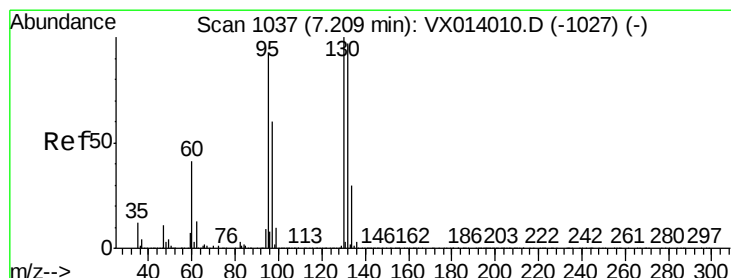
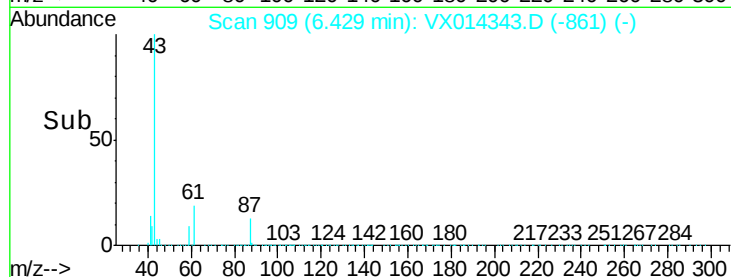
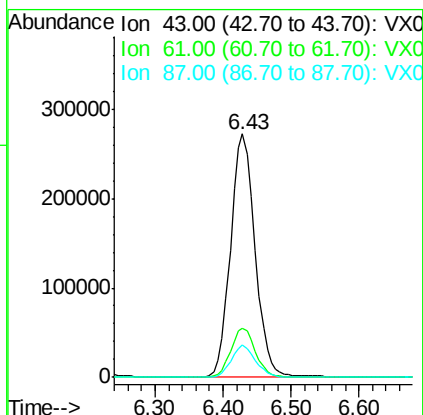
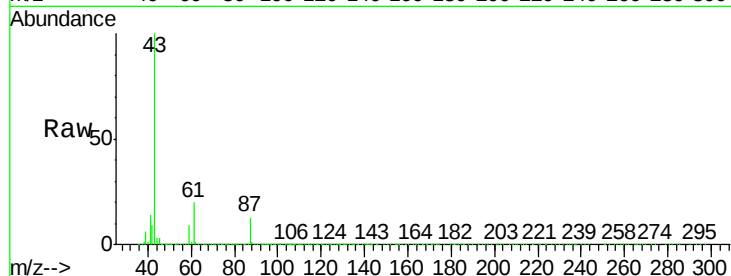


#43

Isopropyl Acetate
 Concen: 52.578 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

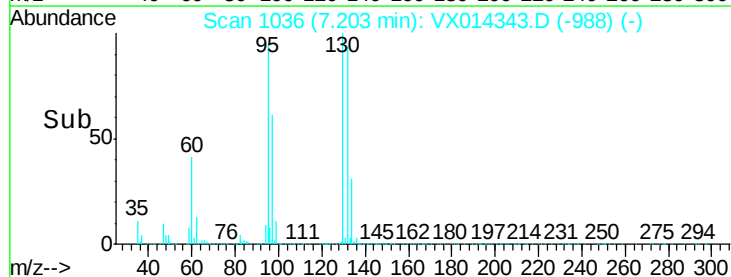
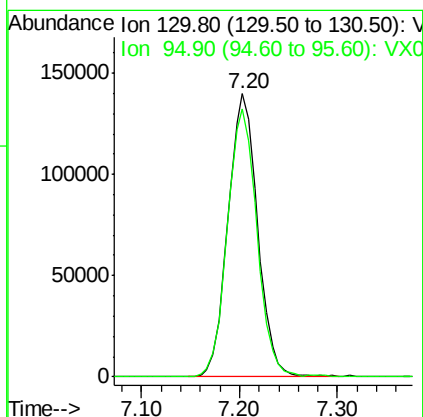
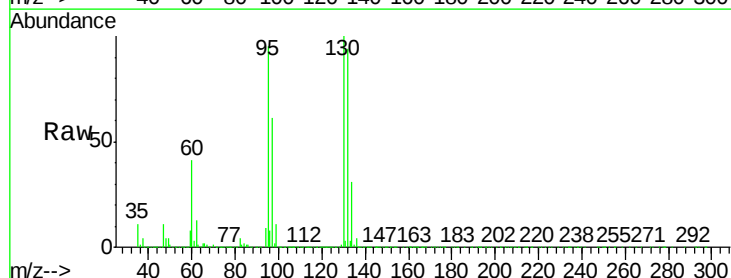
Tot Ion	43	Resp	679511
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.4	24.6
87	12.9	10.7	16.1

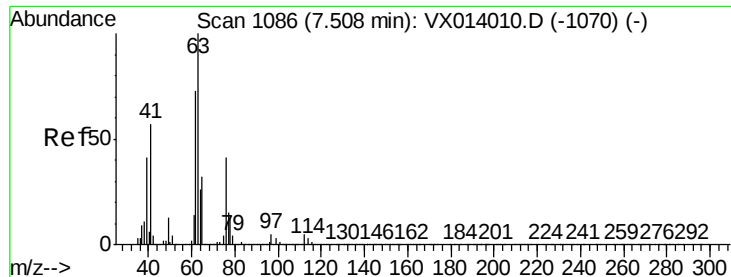


#44

Trichloroethene
 Concen: 48.852 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	130	Resp	293598
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	185.6





#45

1,2-Dichloropropane

Concen: 52.066 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

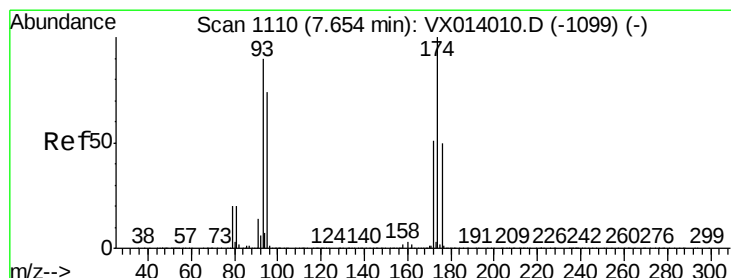
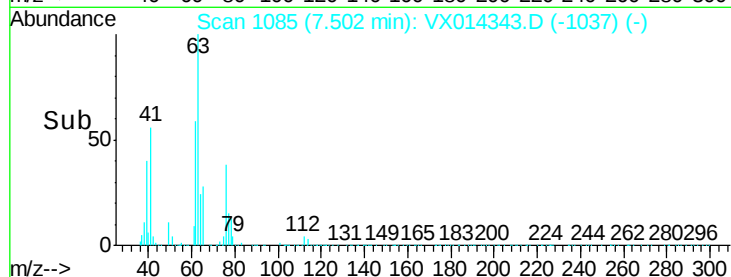
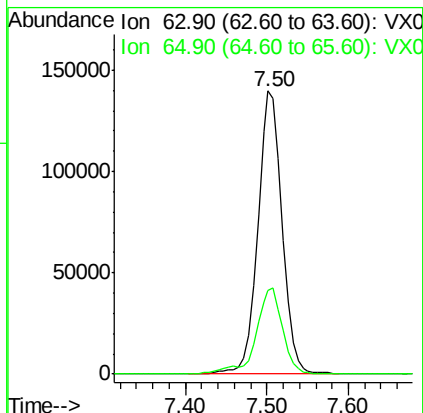
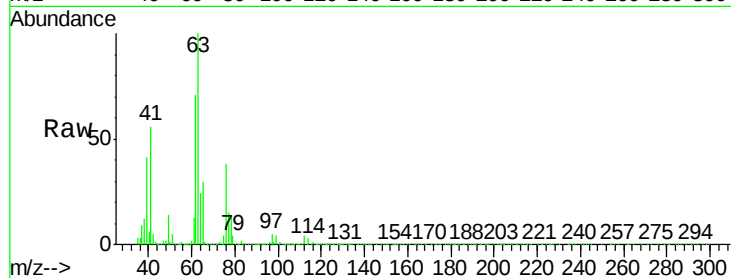
ClientSampleId :

Tot Ion: 63 Resp: 290375

Ion Ratio Lower Upper

63 100

65 29.6 25.8 38.8



#46

Dibromomethane

Concen: 48.849 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

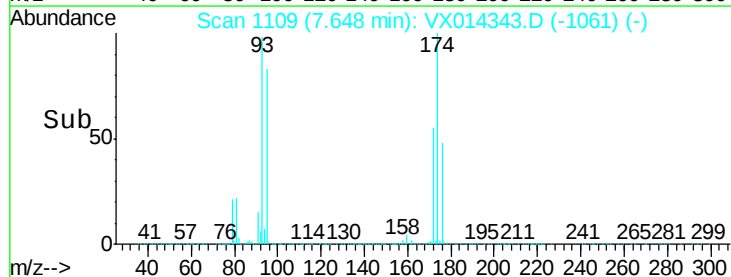
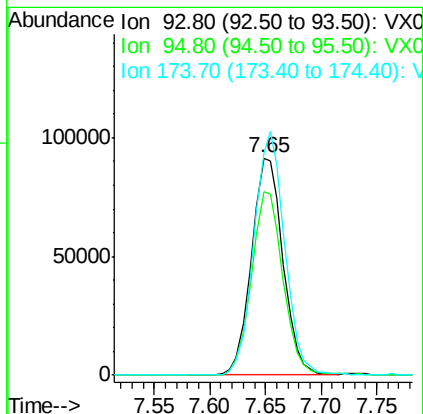
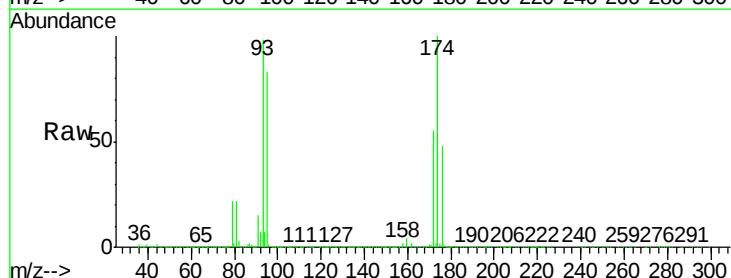
Tgt Ion: 93 Resp: 180120

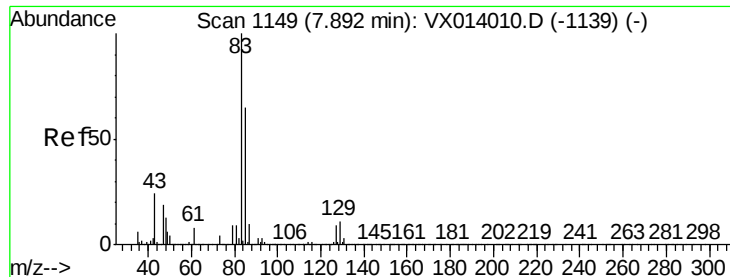
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 109.6 91.6 137.4





#47

Bromodichloromethane

Concen: 52.877 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

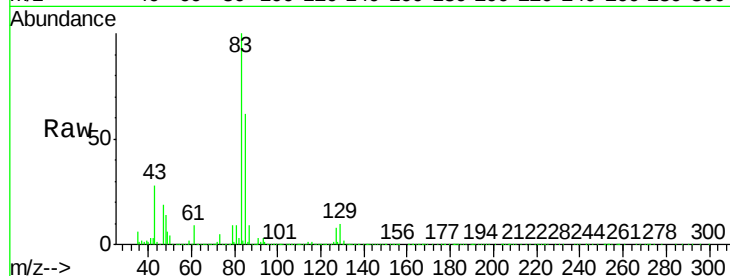
Tot Ion: 83 Resp: 367194

Ion Ratio Lower Upper

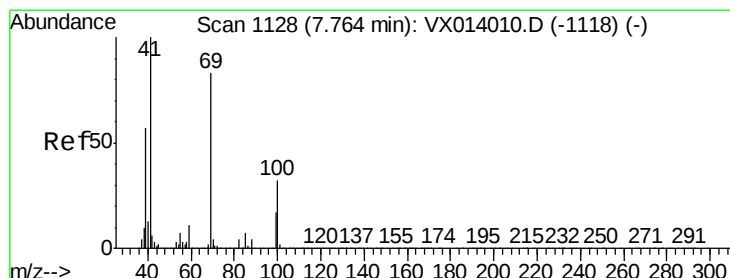
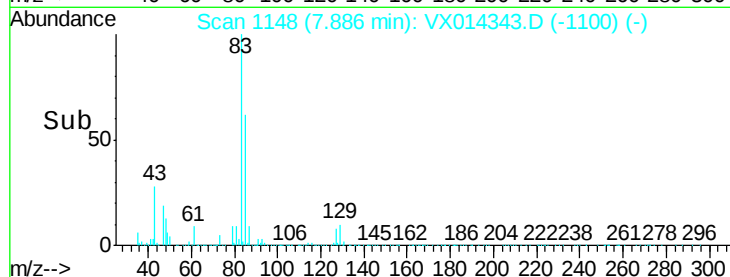
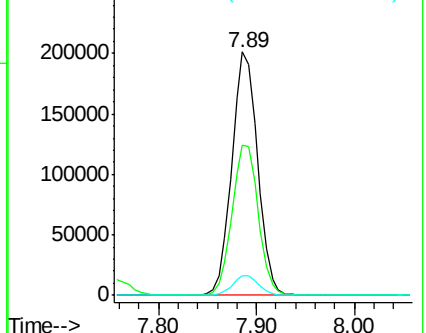
83 100

85 61.9 51.8 77.8

127 8.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.370 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

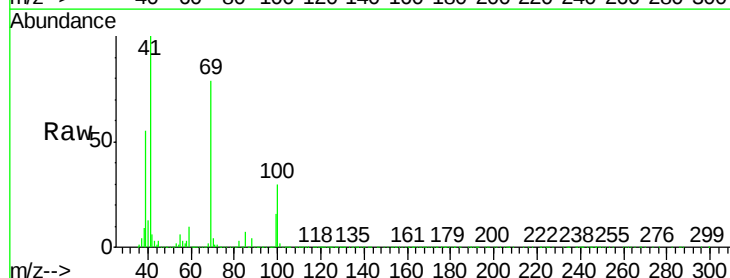
Tgt Ion: 41 Resp: 331419

Ion Ratio Lower Upper

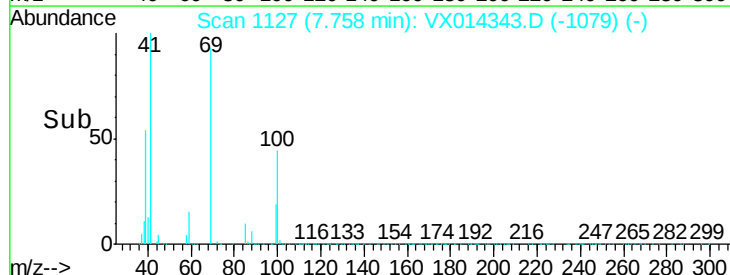
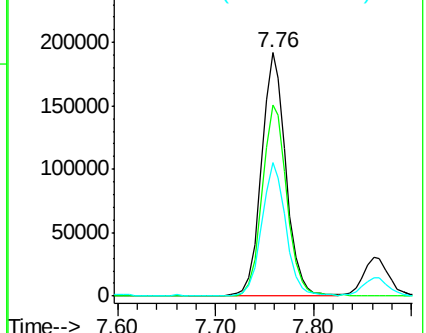
41 100

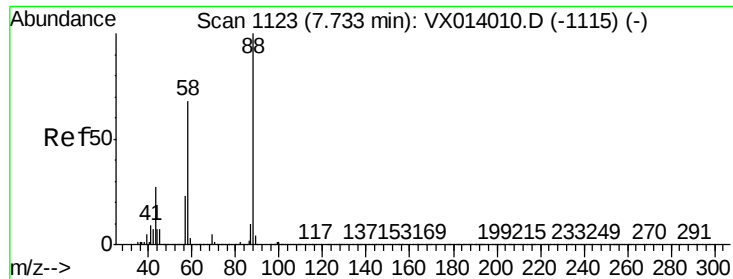
69 80.2 65.8 98.6

39 54.4 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 924.582 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

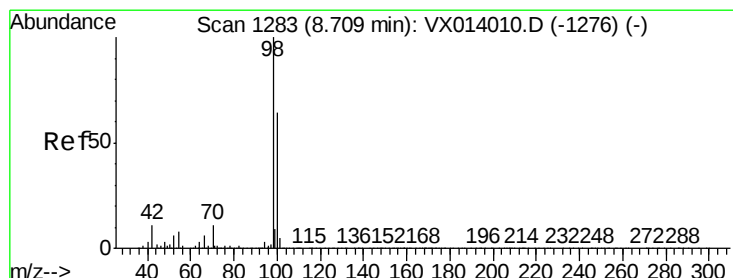
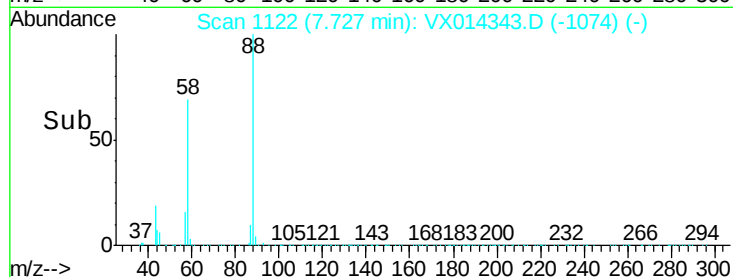
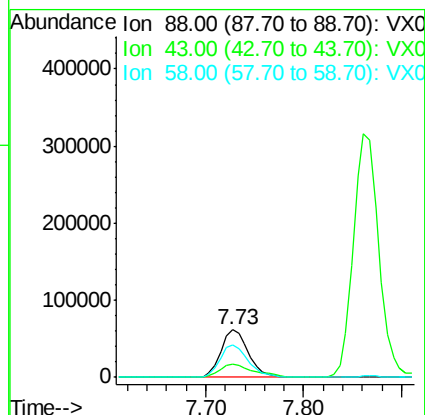
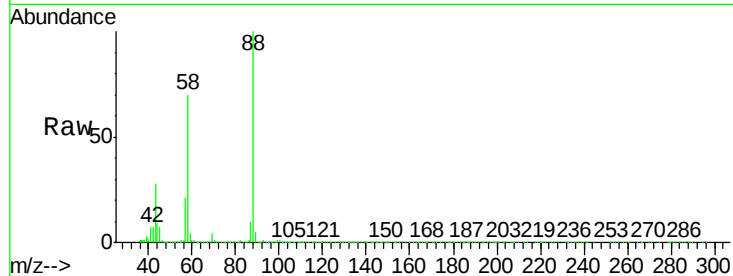
Tot Ion: 88 Resp: 119073

Ion Ratio Lower Upper

88 100

43 34.0 26.5 39.7

58 71.5 56.8 85.2



#50

Toluene-d8

Concen: 51.234 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014343.D

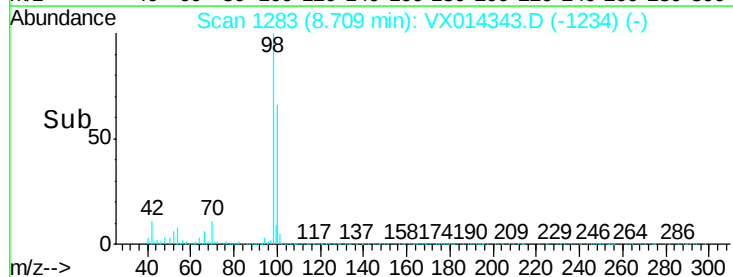
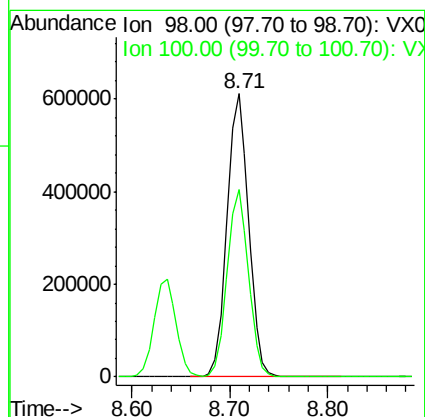
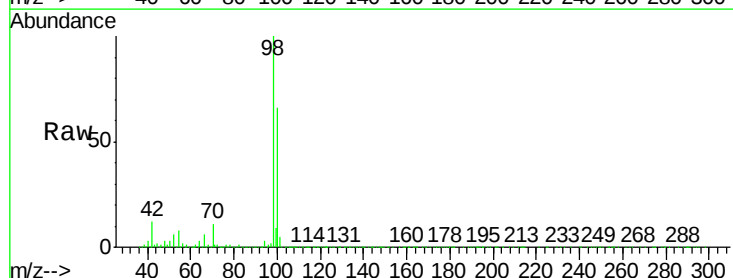
Acq: 30 Dec 2019 09:48

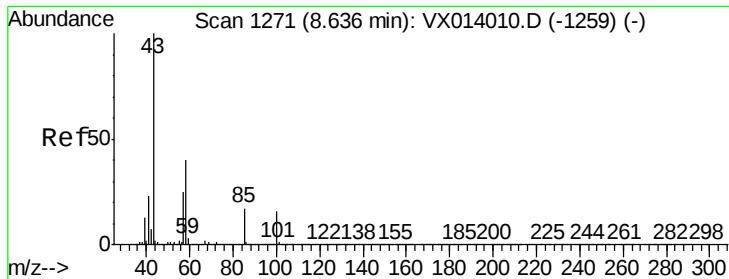
Tgt Ion: 98 Resp: 934518

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 256.903 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

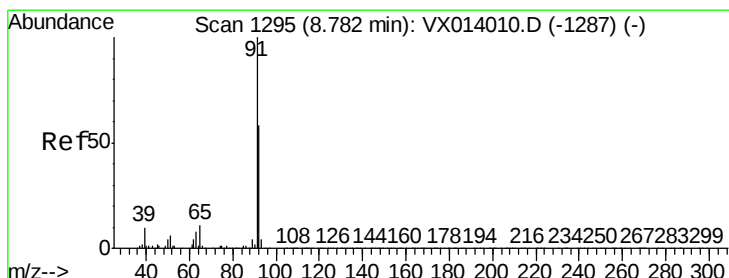
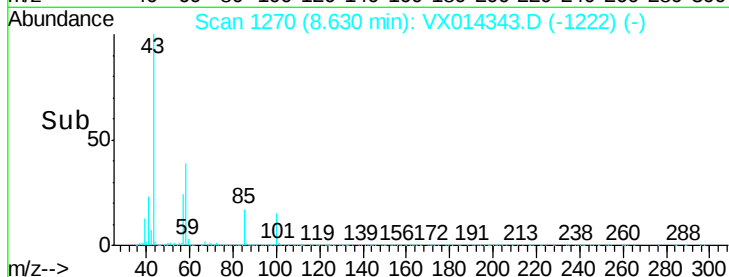
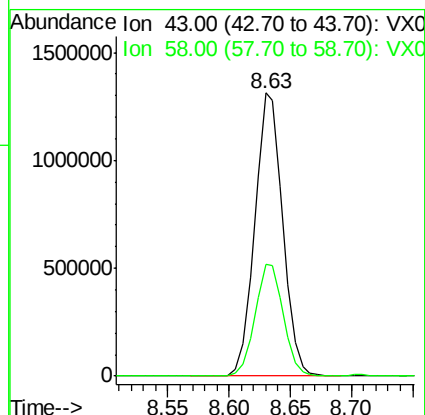
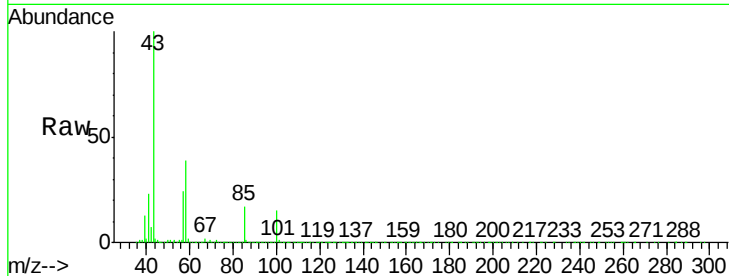
ClientSampleId :

Tot Ion: 43 Resp: 2085134

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 49.259 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014343.D

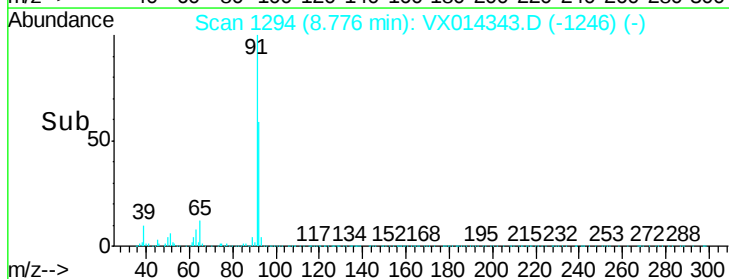
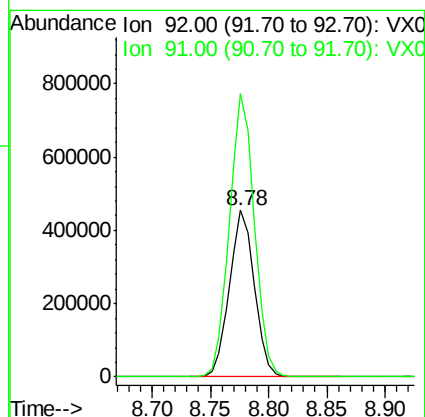
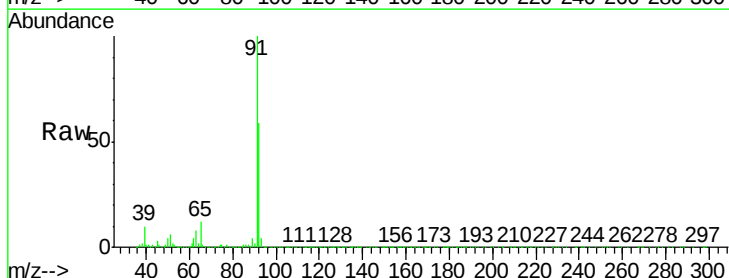
Acq: 30 Dec 2019 09:48

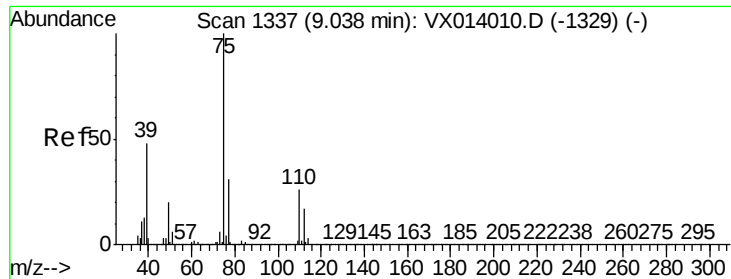
Tgt Ion: 92 Resp: 677471

Ion Ratio Lower Upper

92 100

91 170.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 54.175 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

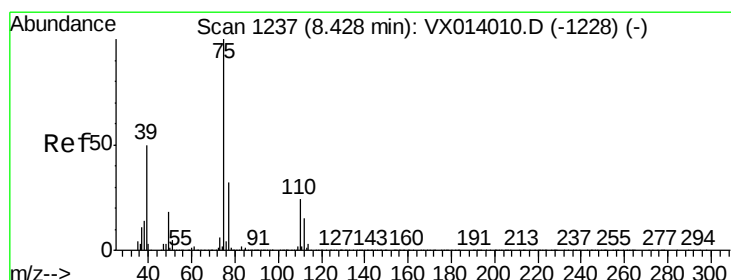
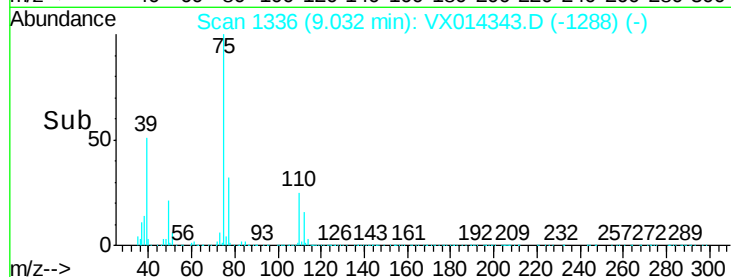
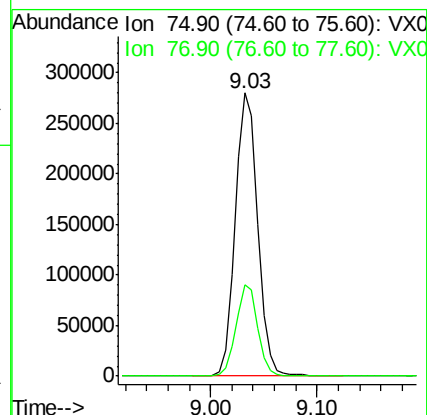
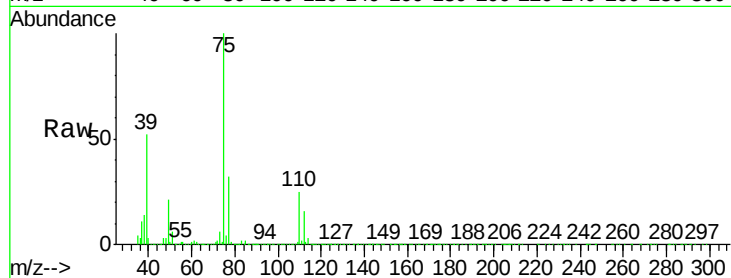
ClientSampleId :

Tot Ion: 75 Resp: 412519

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.422 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

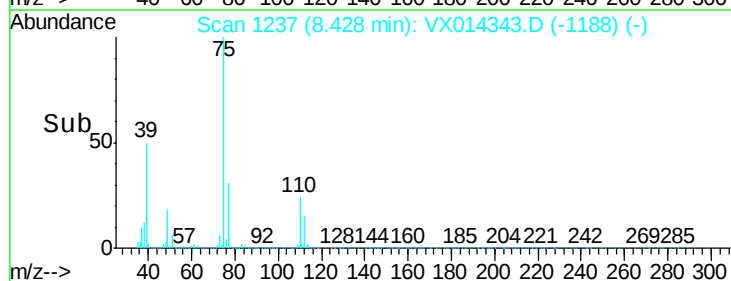
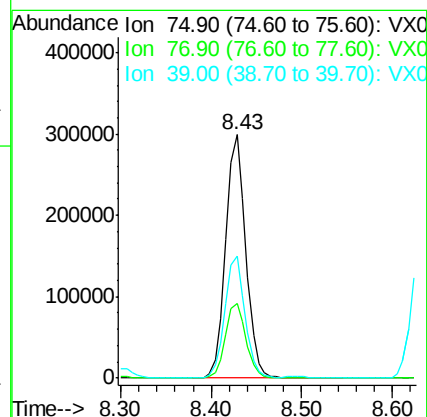
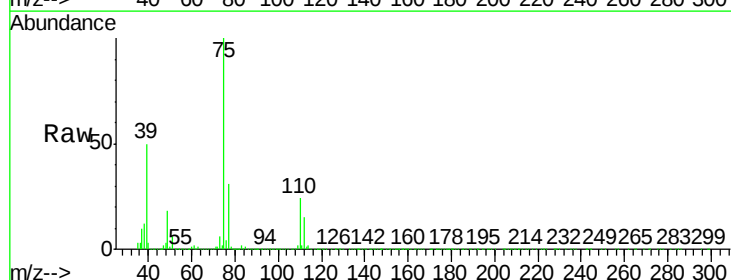
Tgt Ion: 75 Resp: 461667

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 49.8 39.9 59.9

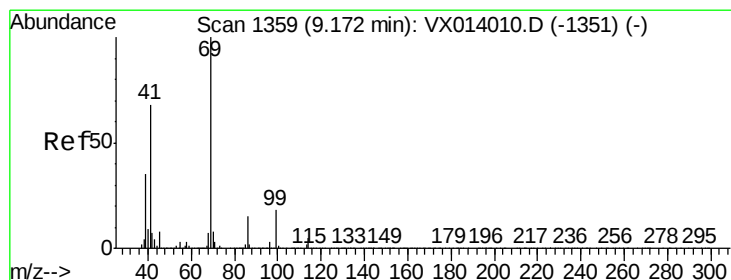
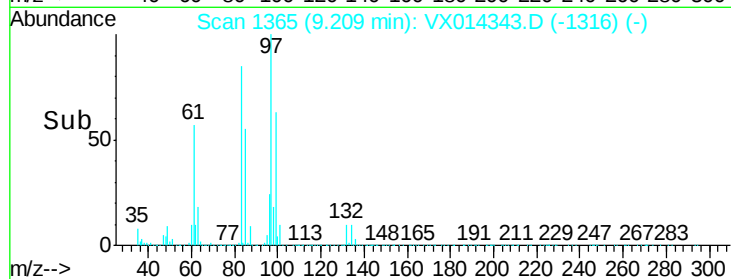
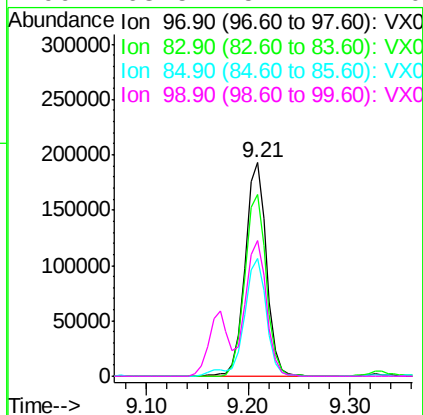
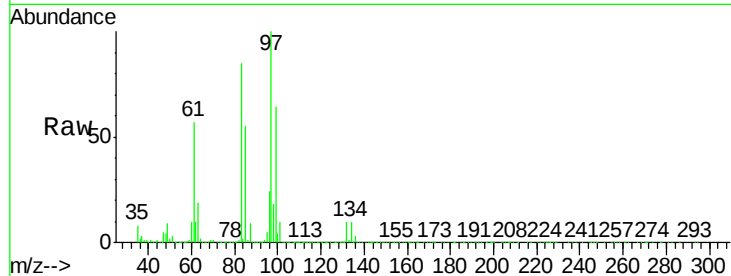




#55
 1,1,2-Trichloroethane
 Concen: 50.508 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

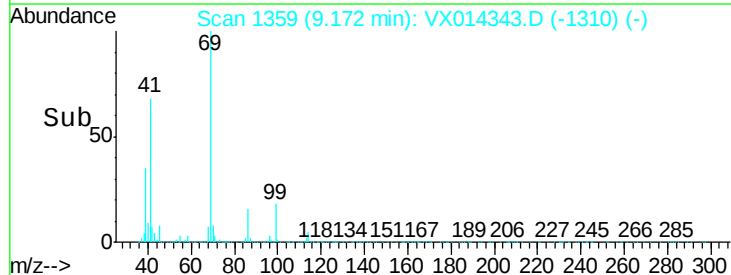
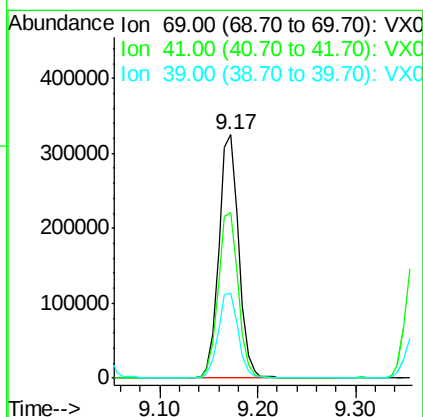
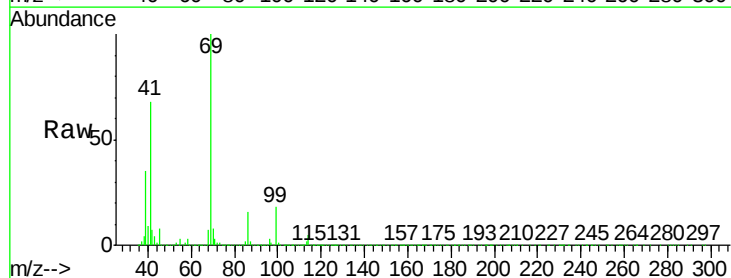
Instrument :
 MSVOA_X
 ClientSampled :

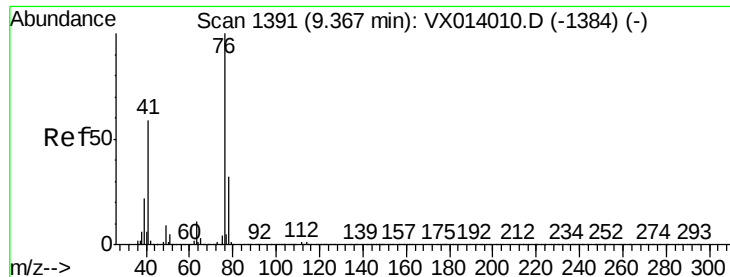
Tot Ion:	97	Resp:	278405
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.2	102.4
85	55.3	44.6	66.8
99	63.5	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.686 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion:	69	Resp:	456186
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.8	82.2
39	35.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.348 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

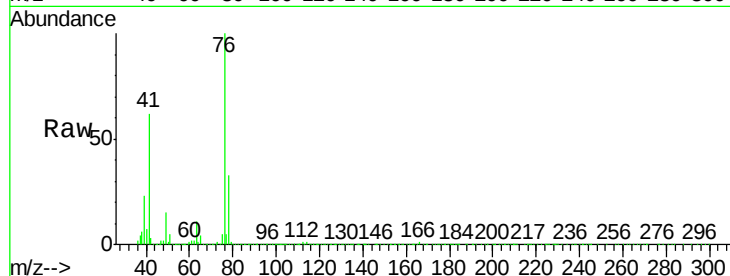
ClientSampleId :

Tot Ion: 76 Resp: 476206

Ion Ratio Lower Upper

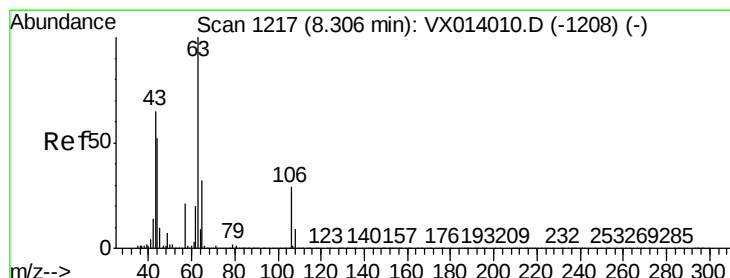
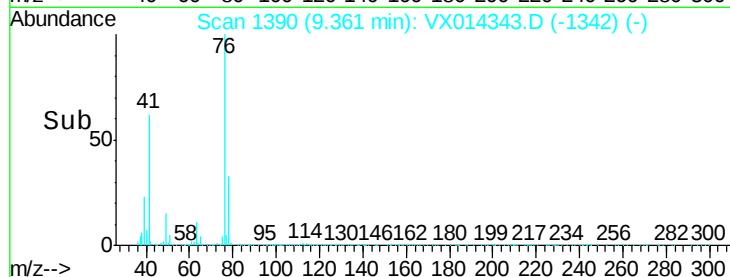
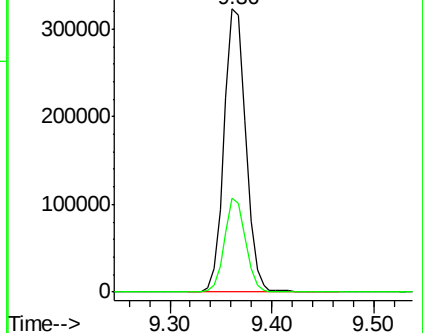
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 280.013 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014343.D

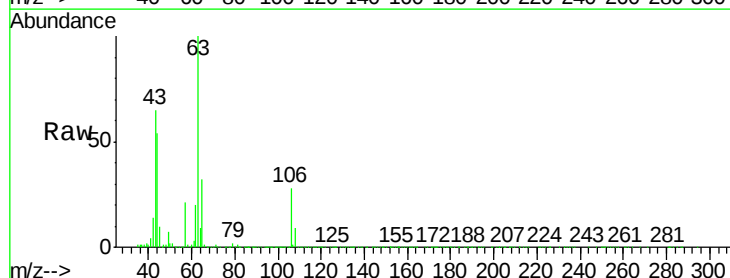
Acq: 30 Dec 2019 09:48

Tgt Ion: 63 Resp: 917530

Ion Ratio Lower Upper

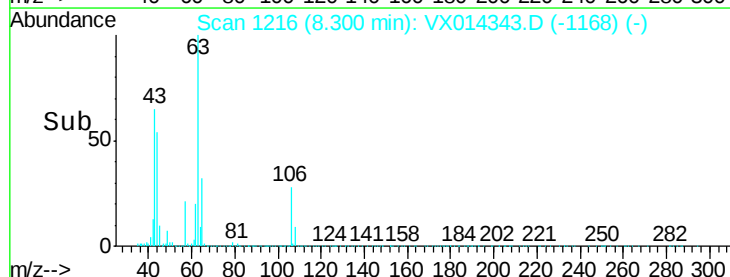
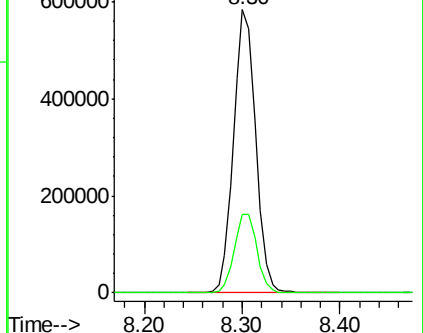
63 100

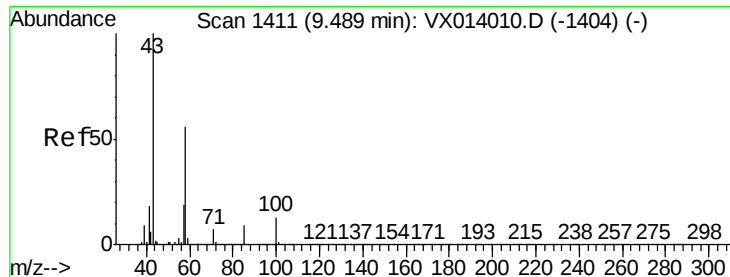
106 28.5 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

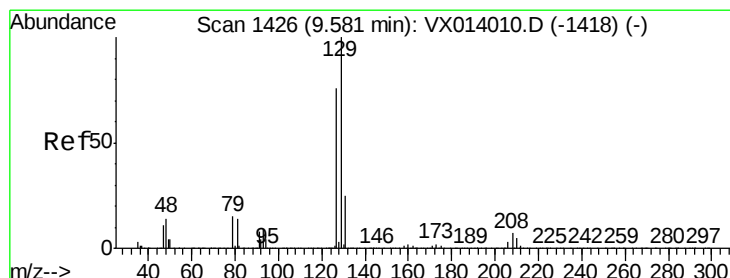
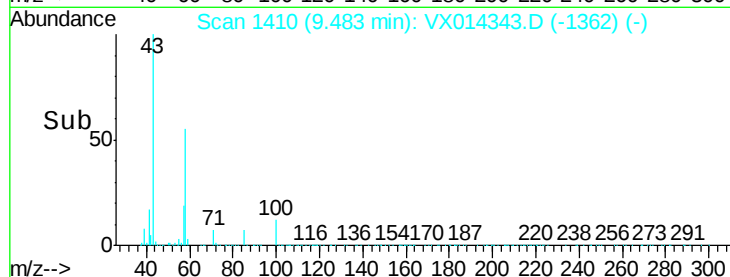
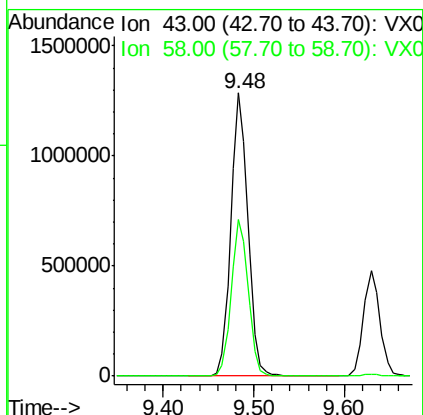
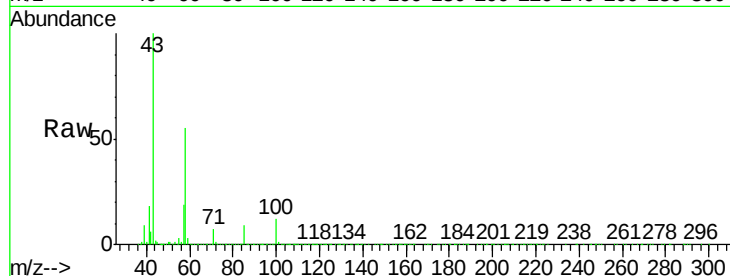




#59
2-Hexanone
Concen: 261.279 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

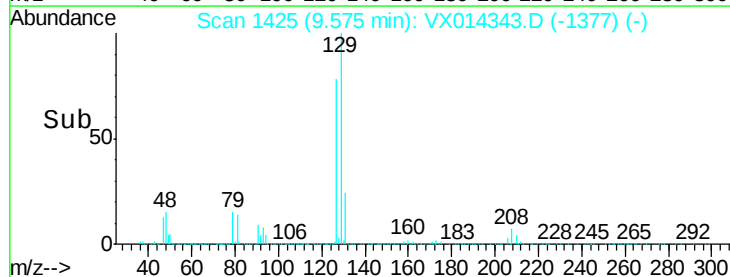
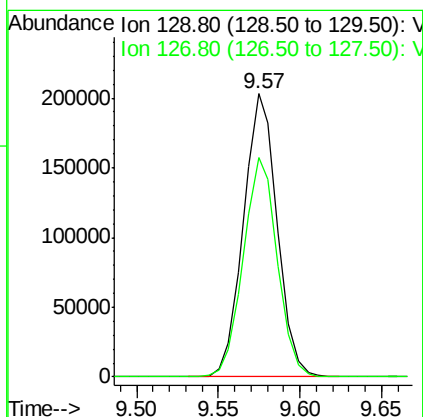
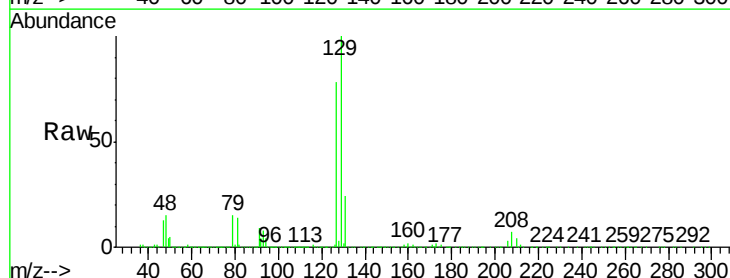
Instrument :
MSVOA_X
ClientSampled :

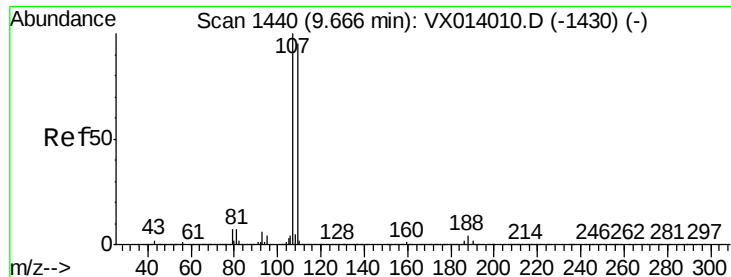
Tot Ion: 43 Resp: 1707130
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 53.331 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 129 Resp: 292205
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.229 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

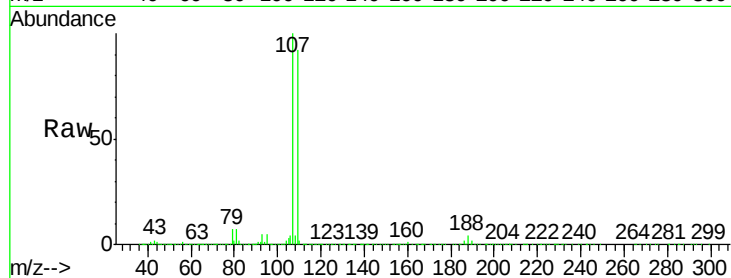
ClientSampleId :

Tot Ion: 107 Resp: 288922

Ion Ratio Lower Upper

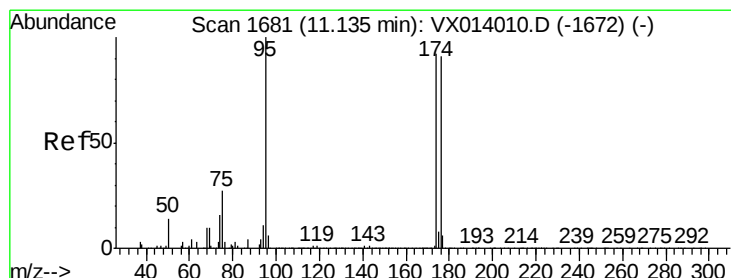
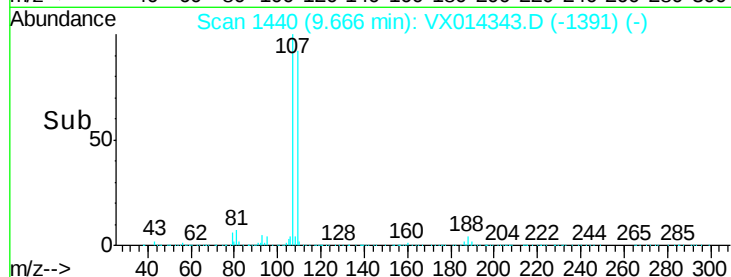
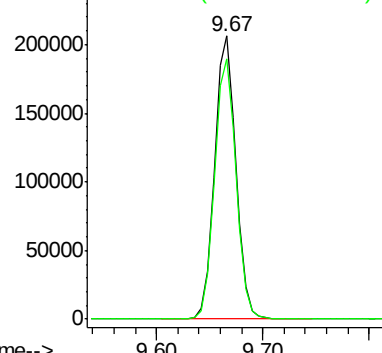
107 100

109 93.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.635 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

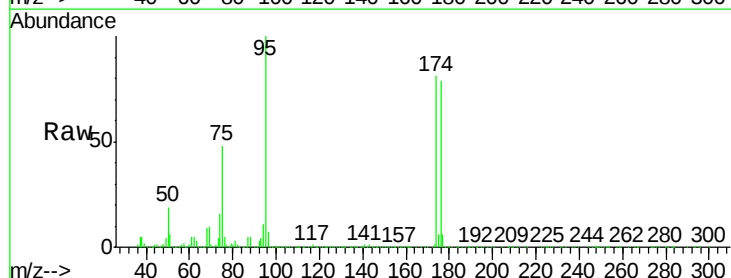
Tgt Ion: 95 Resp: 337616

Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

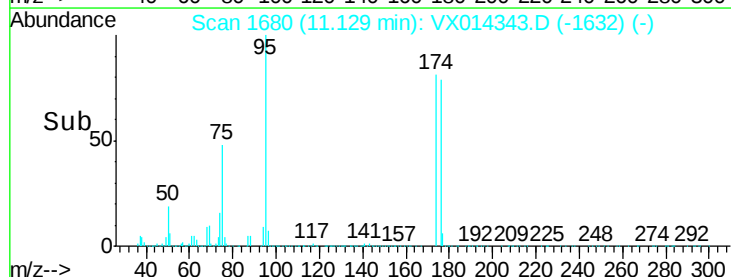
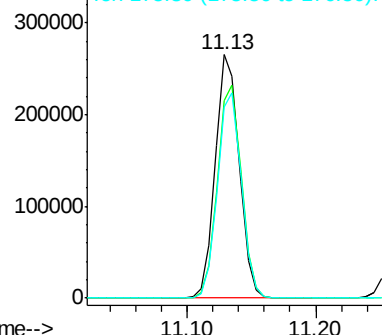
176 84.7 0.0 173.0

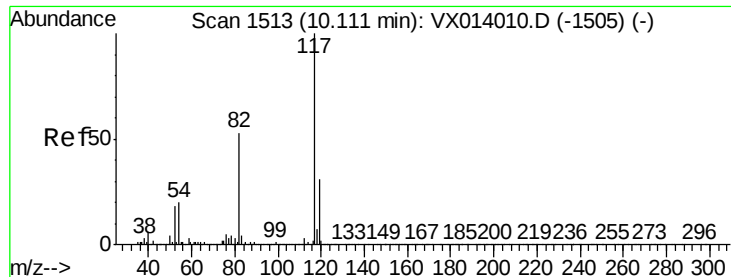


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

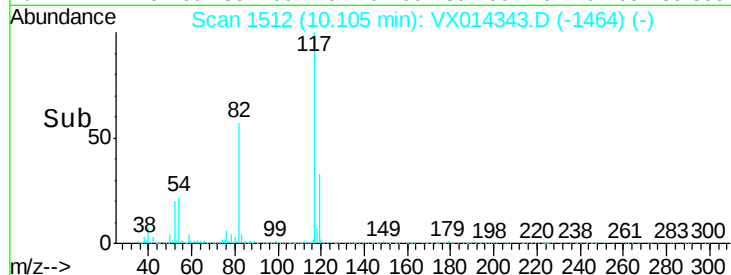
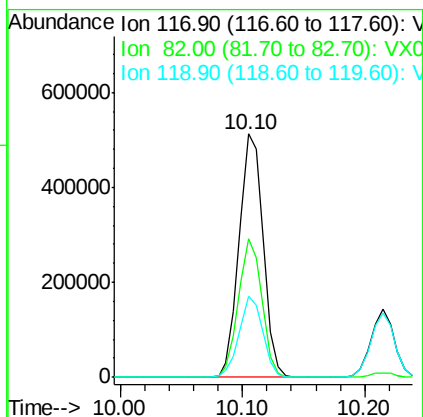
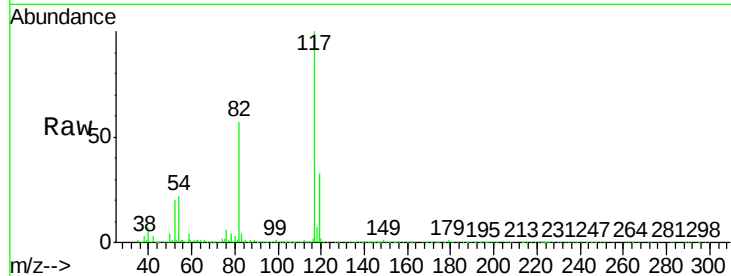




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

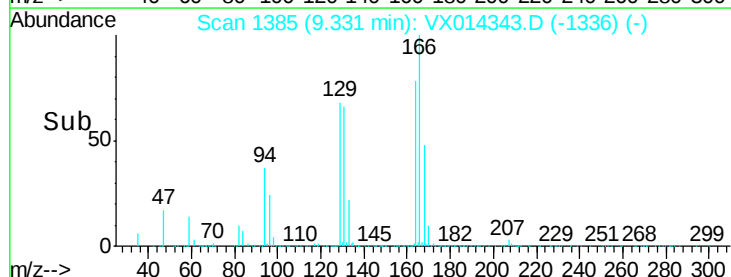
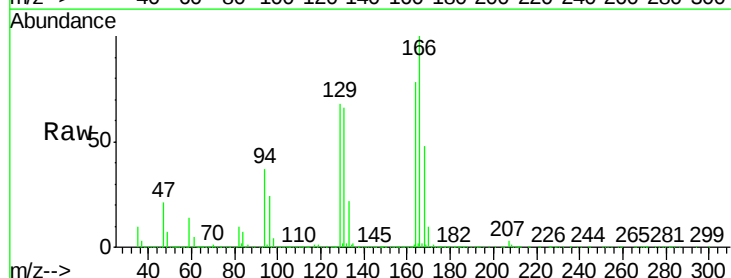
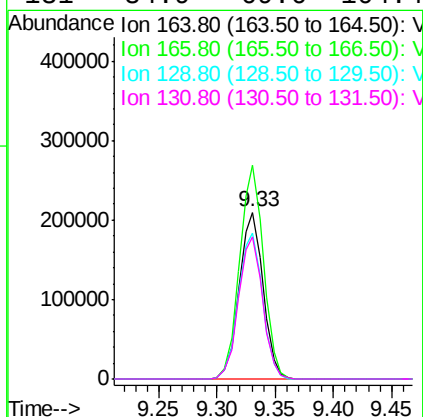
Instrument :
MSVOA_X
ClientSampleId :

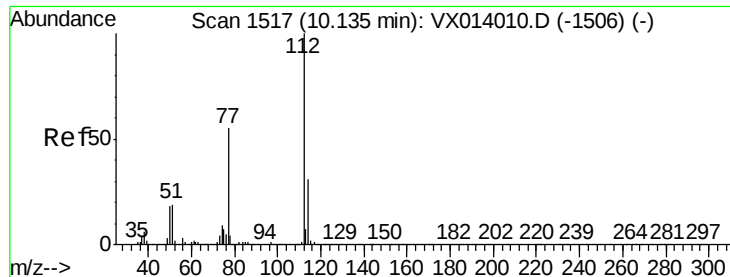
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.2	63.4
119	33.1	25.1	37.7



#64
Tetrachloroethene
Concen: 48.837 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.0	156.0
129	87.5	72.2	108.4
131	84.9	69.6	104.4





#65

Chlorobenzene

Concen: 49.266 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

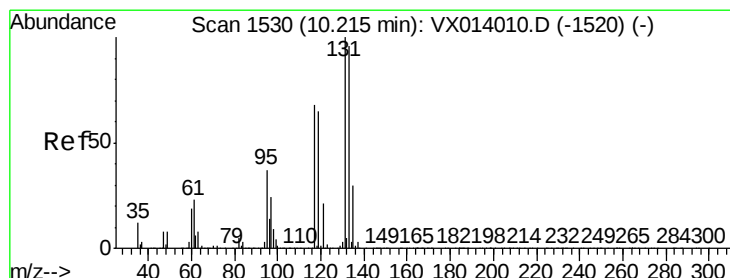
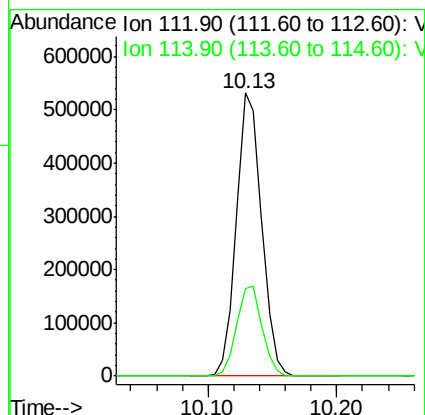
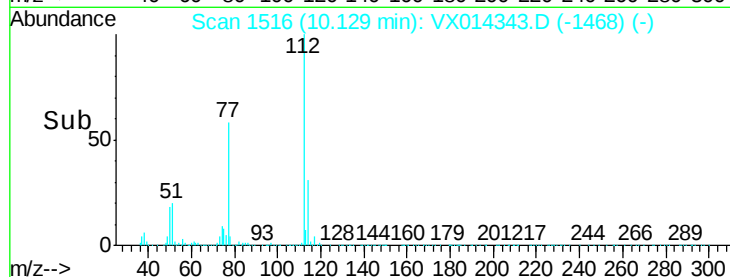
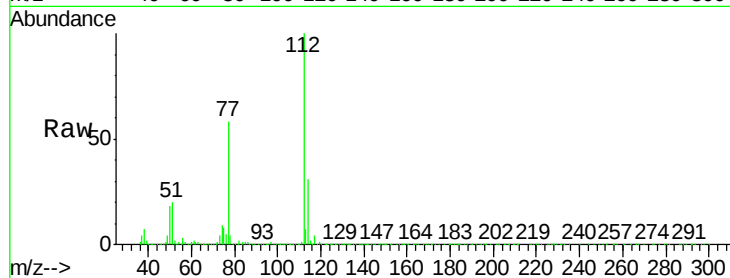
ClientSampled :

Tot Ion:112 Resp: 728966

Ion Ratio Lower Upper

112 100

114 30.8 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.940 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

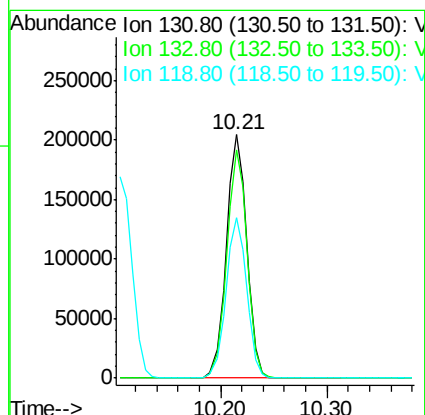
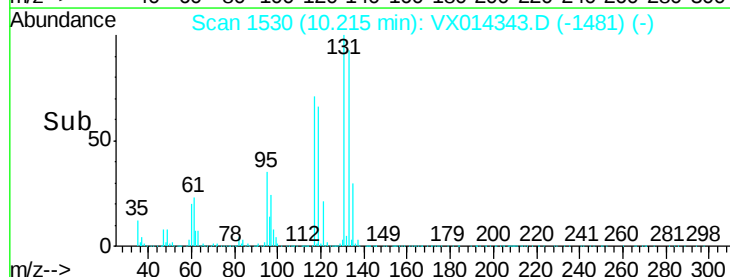
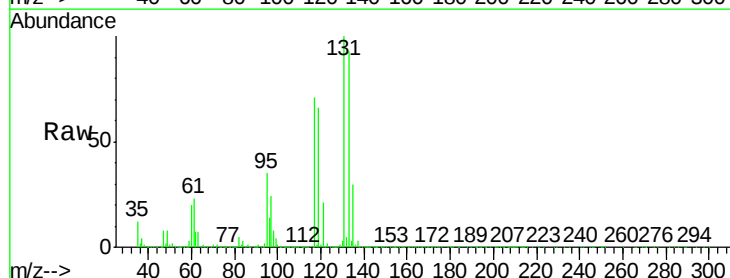
Tgt Ion:131 Resp: 274407

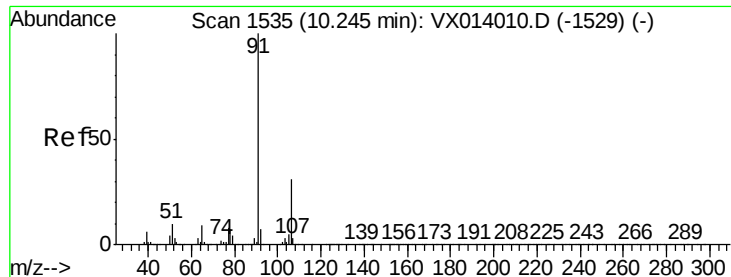
Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.0

119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 51.028 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

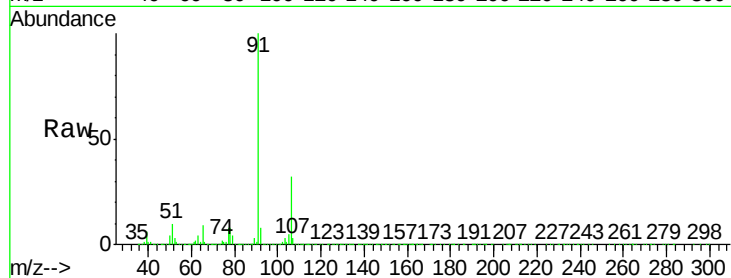
ClientSampleId :

Tot Ion: 91 Resp: 1298081

Ion Ratio Lower Upper

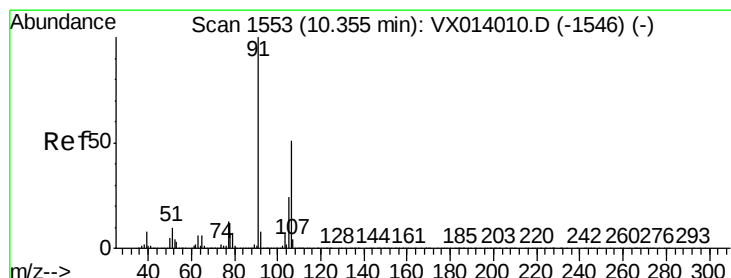
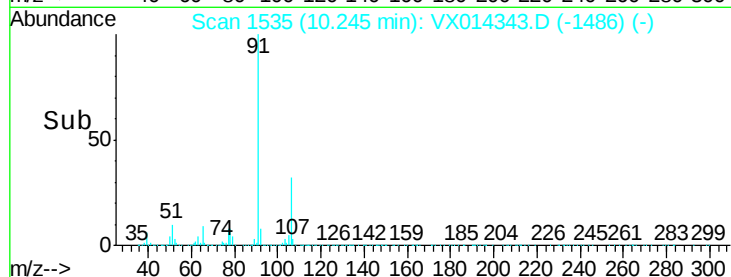
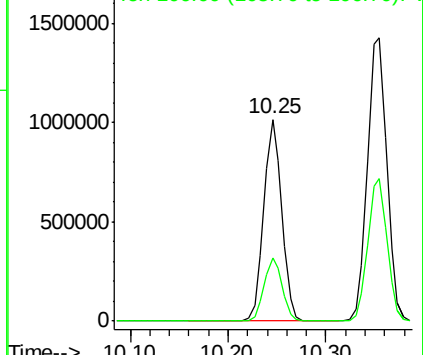
91 100

106 31.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.879 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014343.D

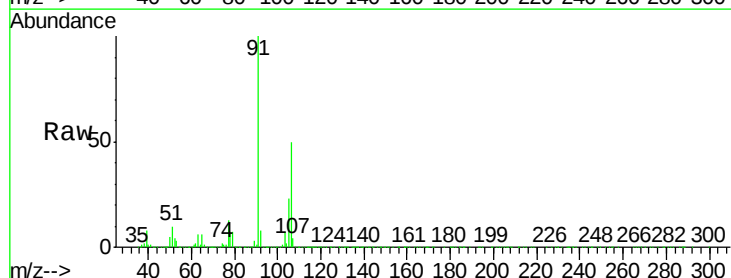
Acq: 30 Dec 2019 09:48

Tgt Ion: 106 Resp: 987004

Ion Ratio Lower Upper

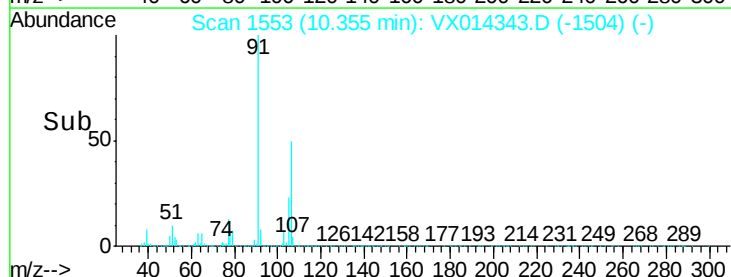
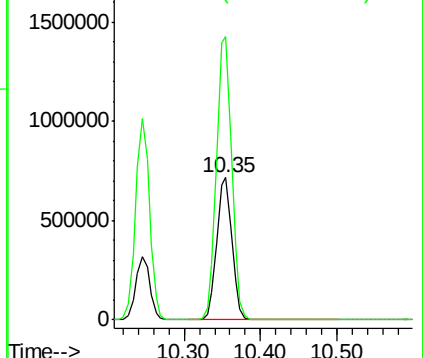
106 100

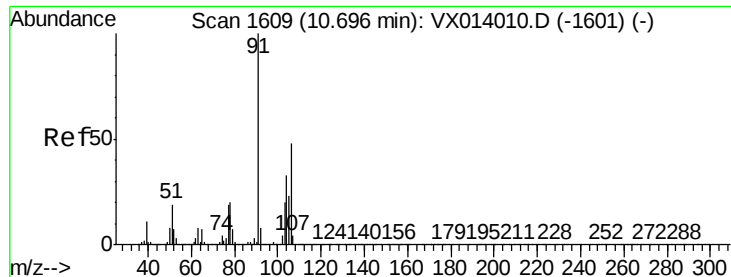
91 199.9 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

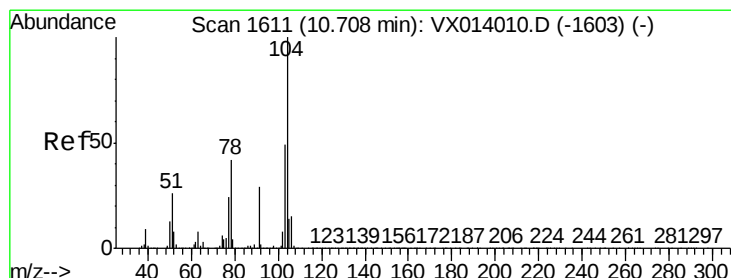
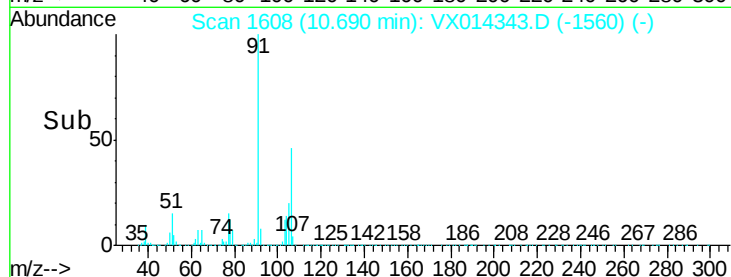
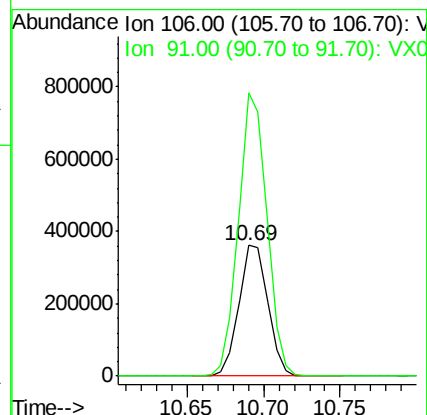
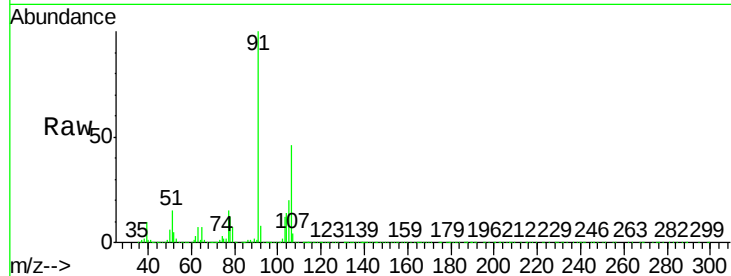




#69
o-Xylene
Concen: 49.715 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

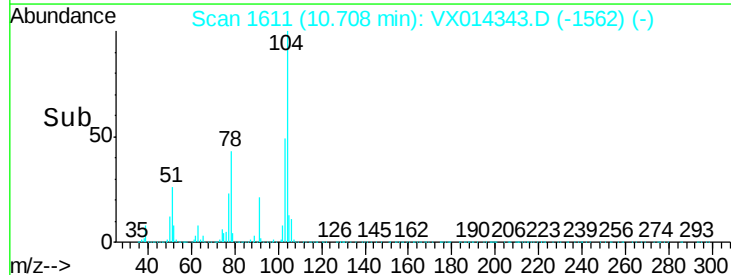
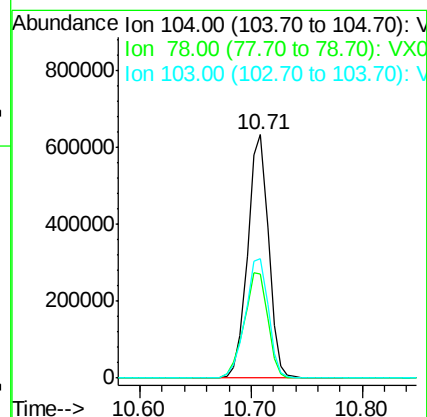
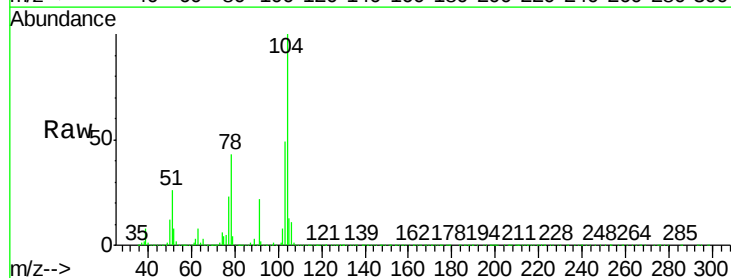
Instrument :
MSVOA_X
ClientSampleId :

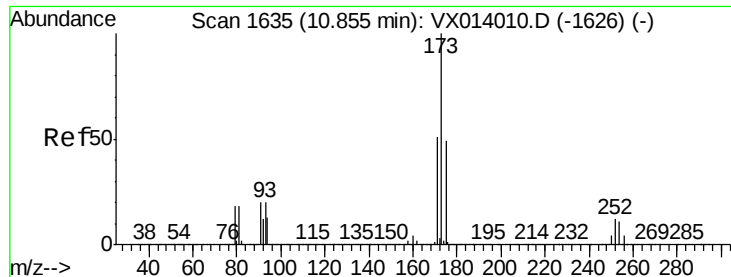
Tot Ion:106 Resp: 477051
Ion Ratio Lower Upper
106 100
91 212.2 104.2 312.6



#70
Styrene
Concen: 50.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:104 Resp: 821874
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 54.5 42.9 64.3

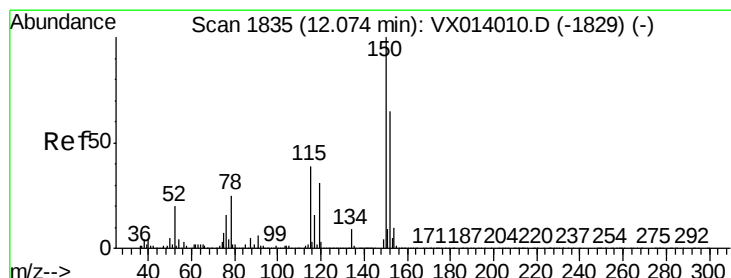
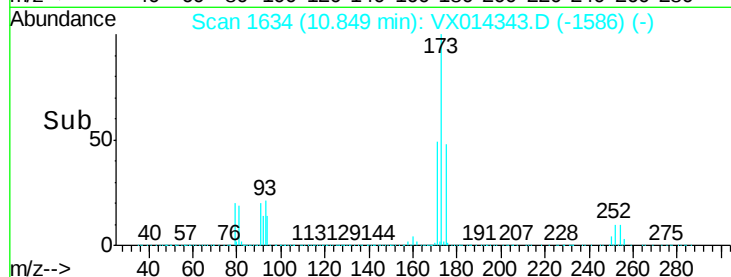
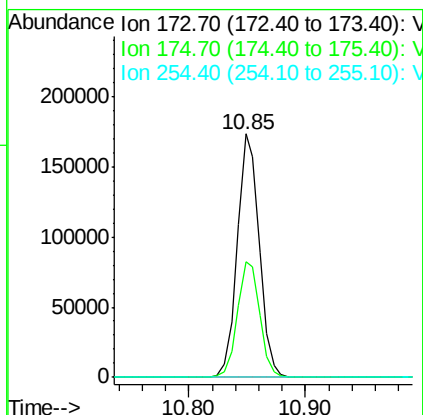
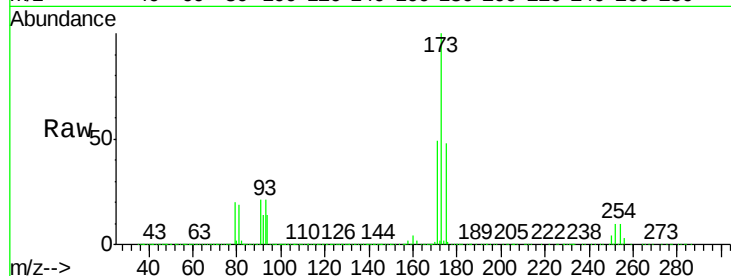




#71
Bromoform
Concen: 53.562 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

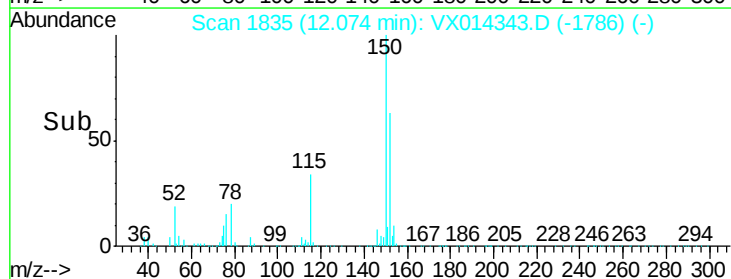
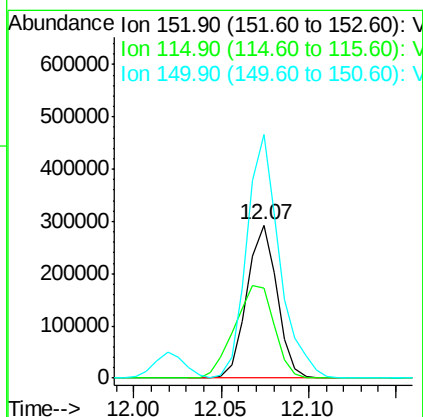
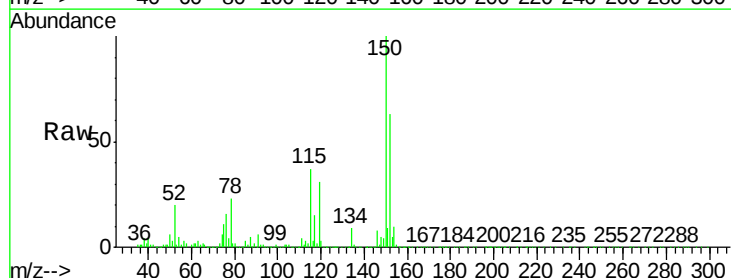
Instrument :
MSVOA_X
ClientSampled :

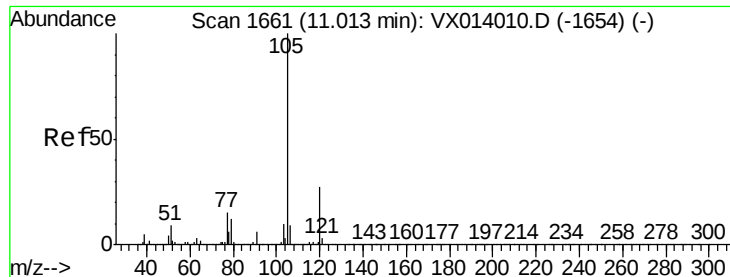
Tot Ion:173 Resp: 227465
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:152 Resp: 351161
Ion Ratio Lower Upper
152 100
115 79.5 38.3 114.9
150 173.8 0.0 345.4





#73

Isopropylbenzene

Concen: 51.930 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

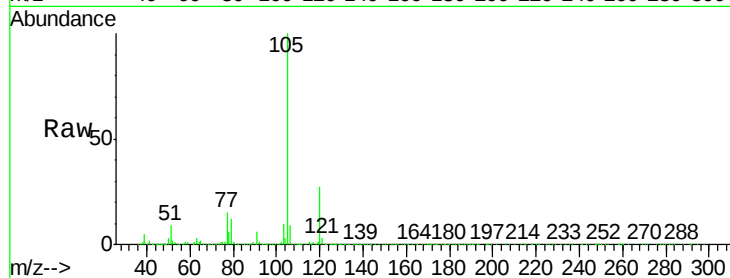
ClientSampleId :

Tot Ion:105 Resp: 1283932

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

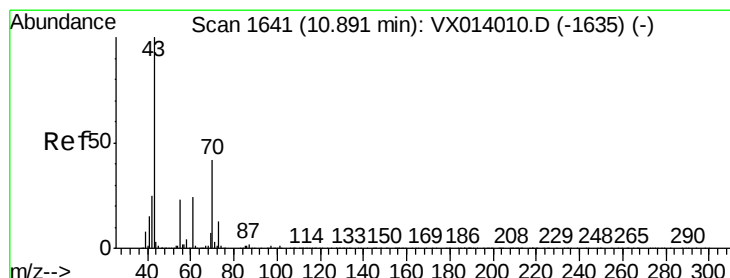
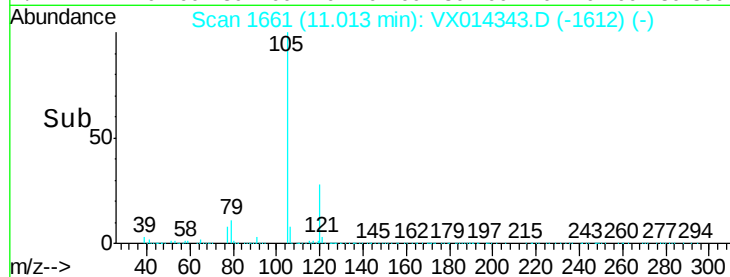
400000

200000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 52.177 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion: 43 Resp: 604699

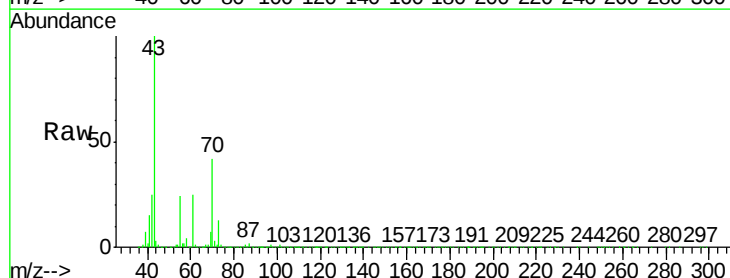
Ion Ratio Lower Upper

43 100

70 41.8 34.4 51.6

55 24.2 19.1 28.7

61 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

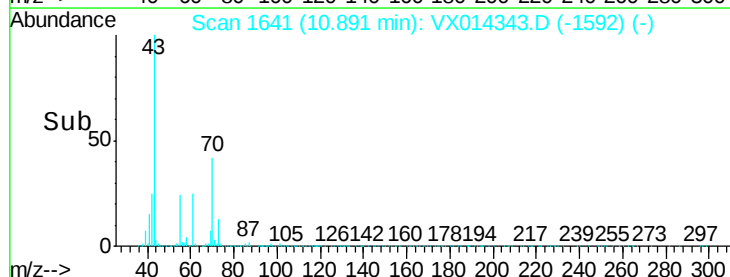
400000

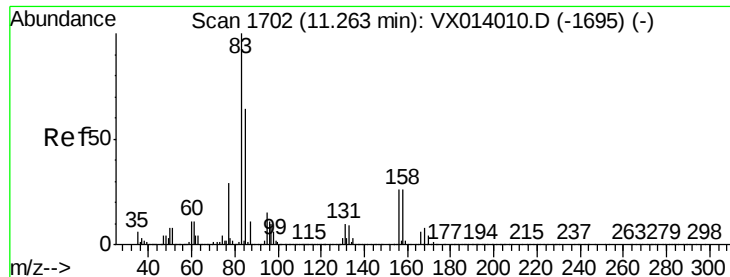
200000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.648 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

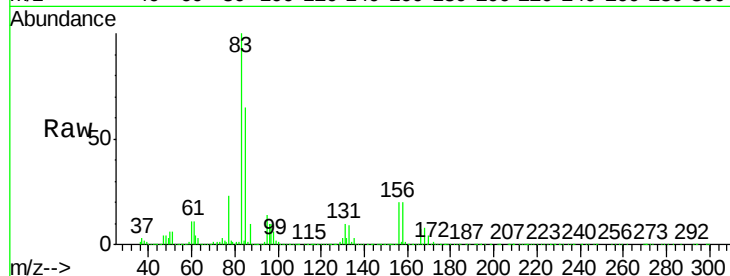
Tot Ion: 83 Resp: 425573

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

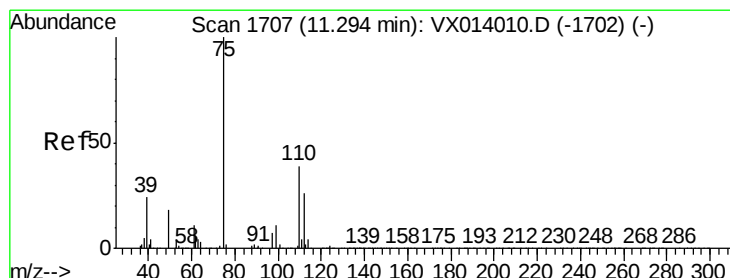
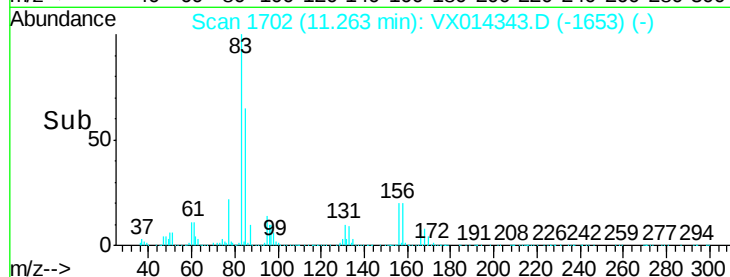
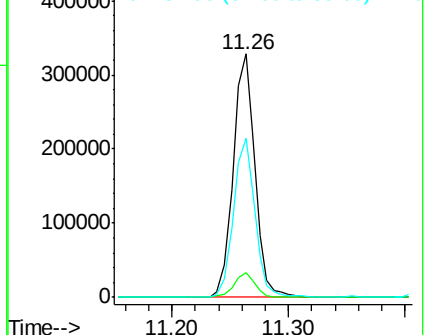
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.162 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014343.D

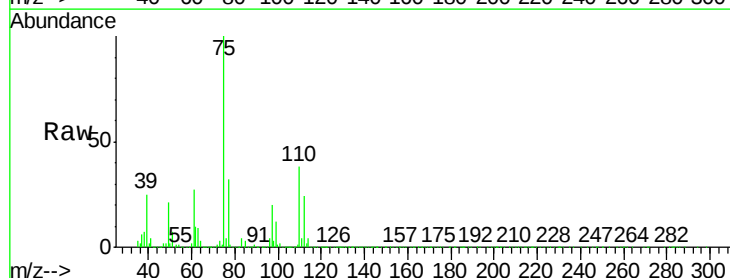
Acq: 30 Dec 2019 09:48

Tgt Ion: 75 Resp: 504399

Ion Ratio Lower Upper

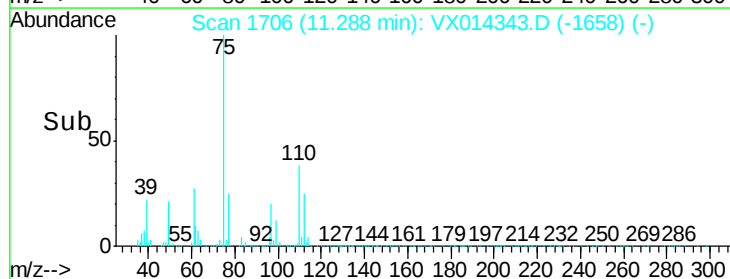
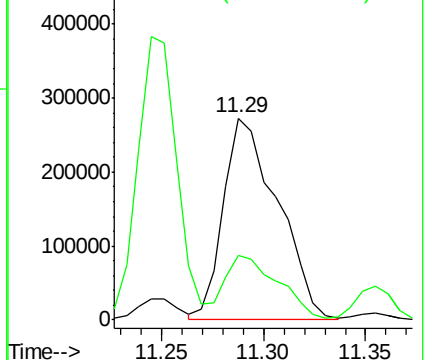
75 100

77 32.0 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.162 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

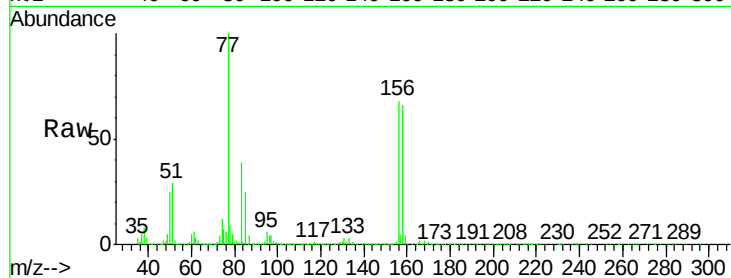
Tot Ion:156 Resp: 327625

Ion Ratio Lower Upper

156 100

77 154.6 76.5 229.5

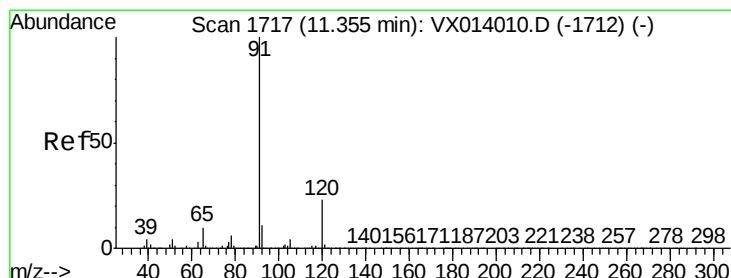
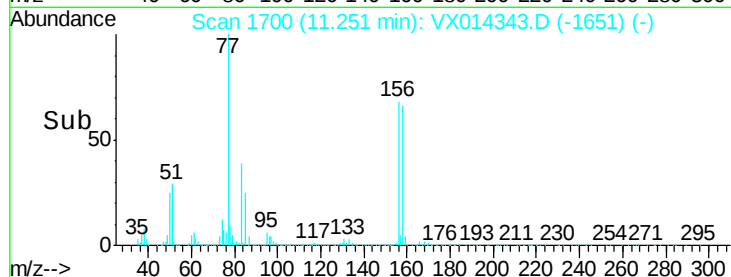
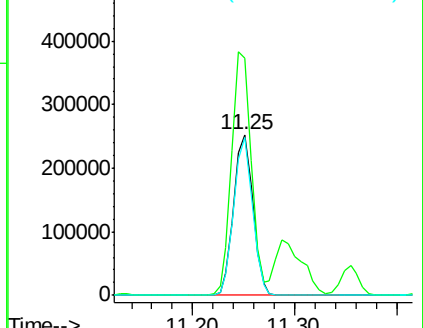
158 95.9 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.416 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014343.D

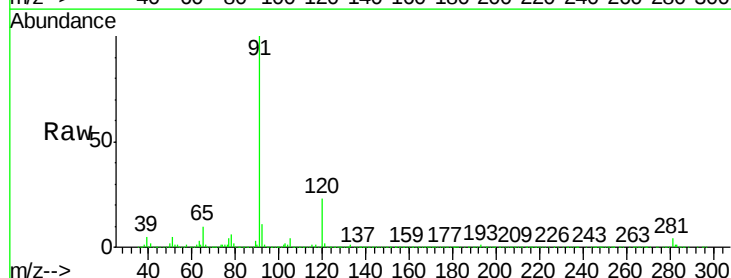
Acq: 30 Dec 2019 09:48

Tgt Ion: 91 Resp: 1481362

Ion Ratio Lower Upper

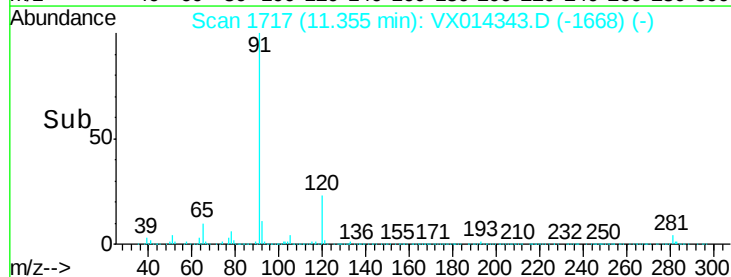
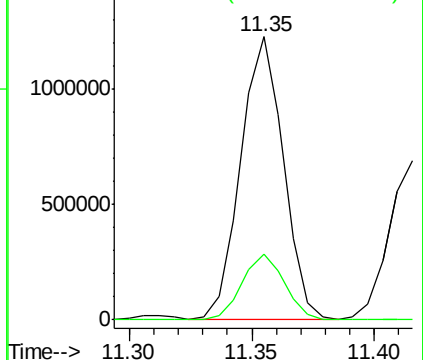
91 100

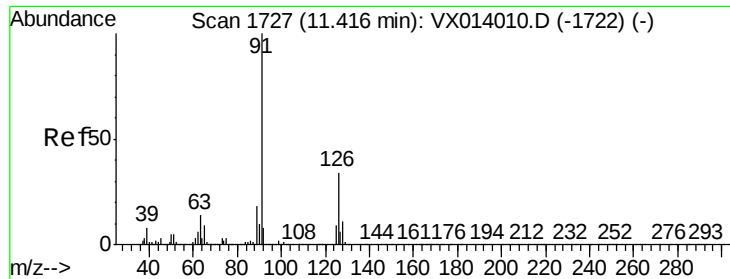
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

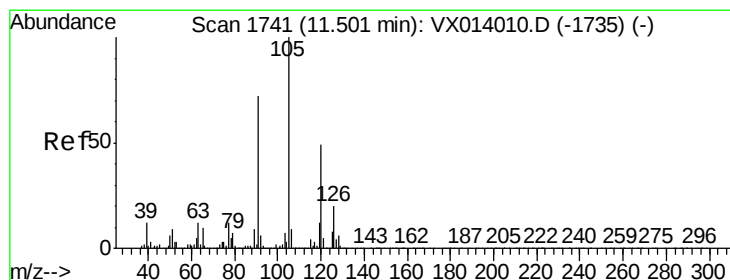
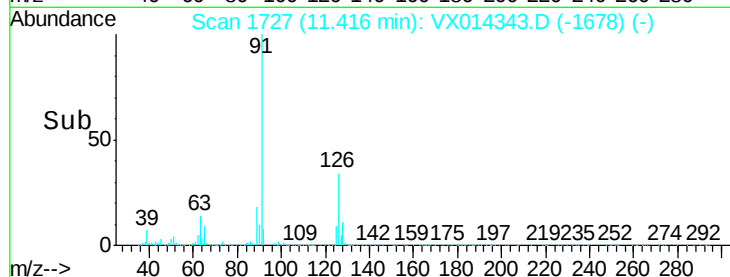
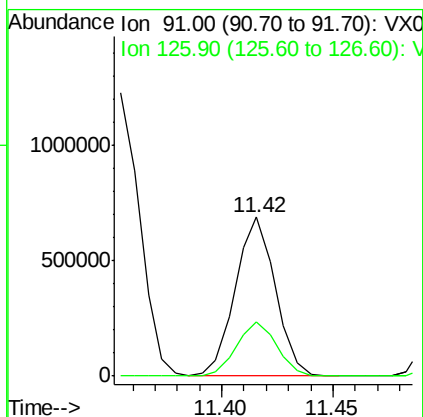
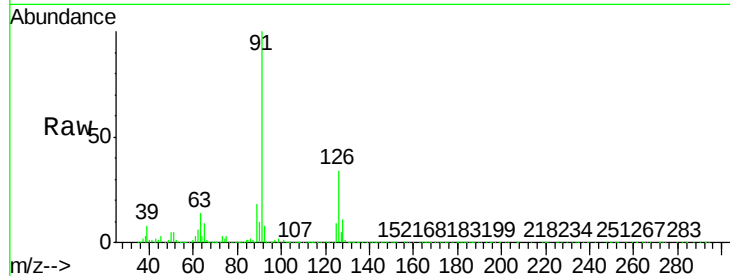




#79
2-Chlorotoluene
Concen: 50.983 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

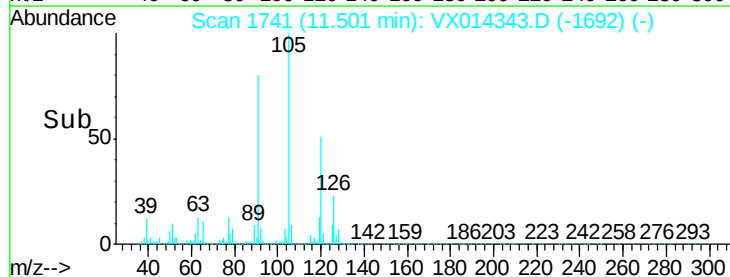
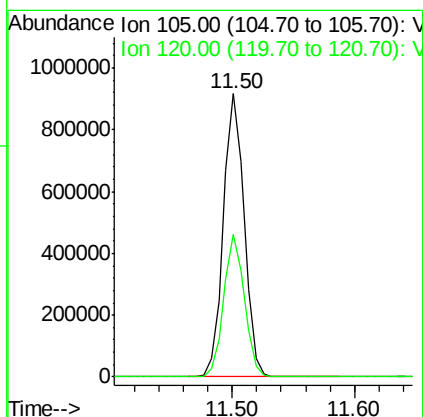
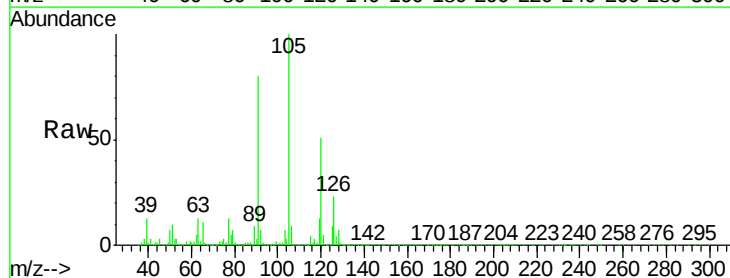
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 859469
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 51.854 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 105 Resp: 1078997
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.347 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

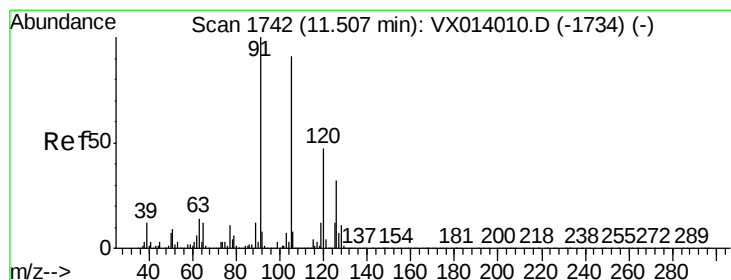
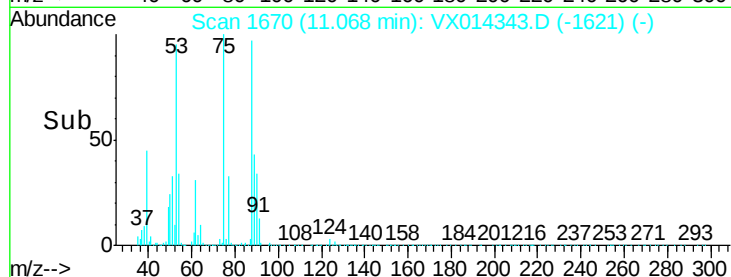
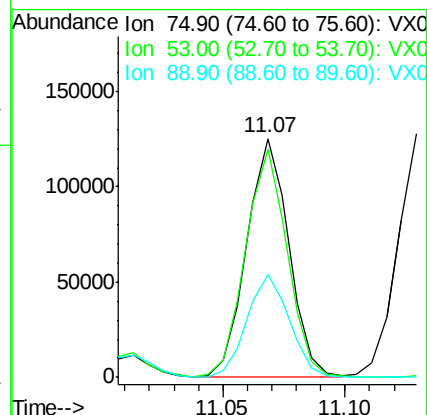
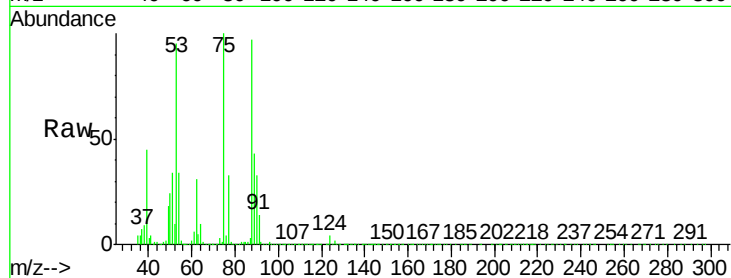
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 149493

Ion	Ratio	Lower	Upper
75	100		
53	94.6	76.7	115.1
89	43.9	34.6	51.8



#82

4-Chlorotoluene

Concen: 50.897 ug/l

RT: 11.51 min Scan# 1742

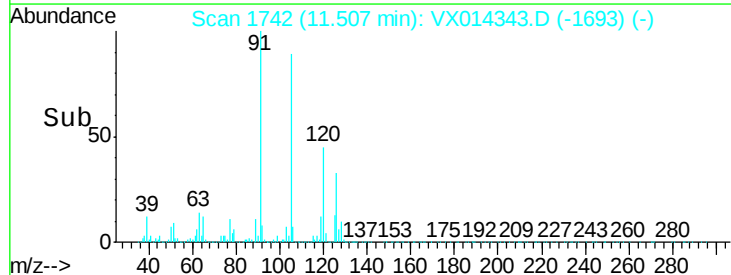
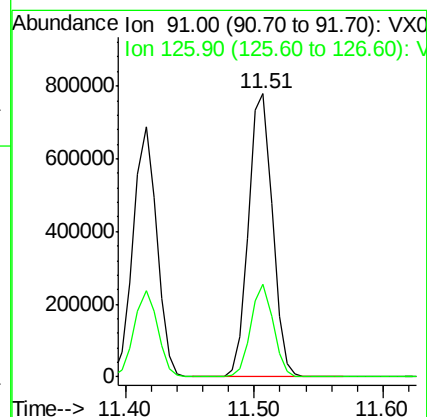
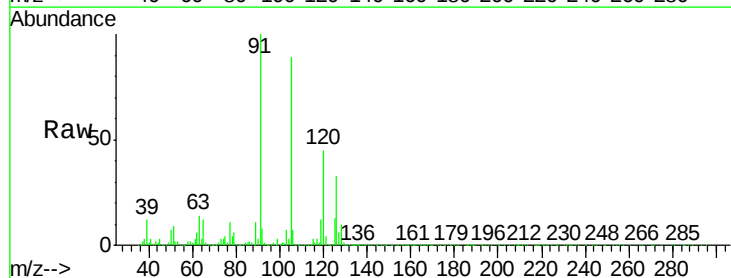
Delta R.T. 0.00 min

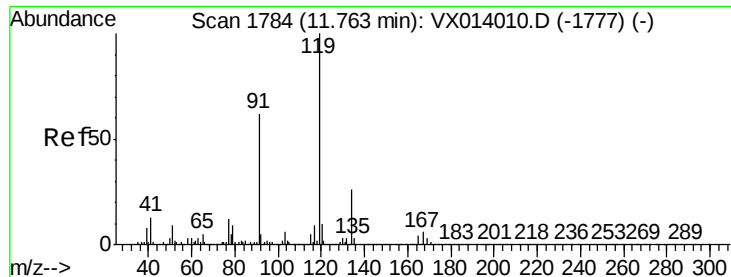
Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion: 91 Resp: 995287

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8

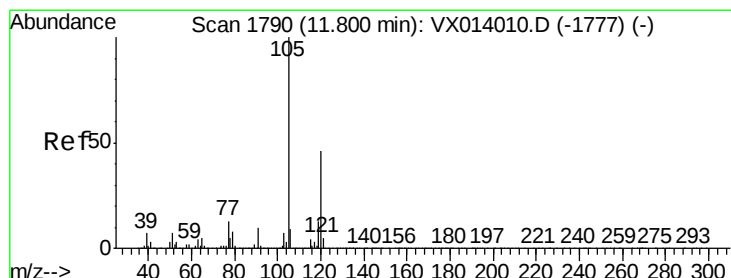
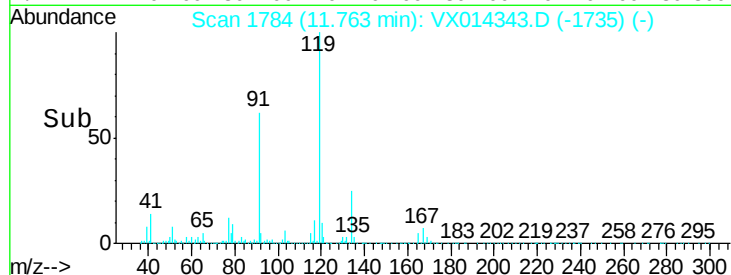
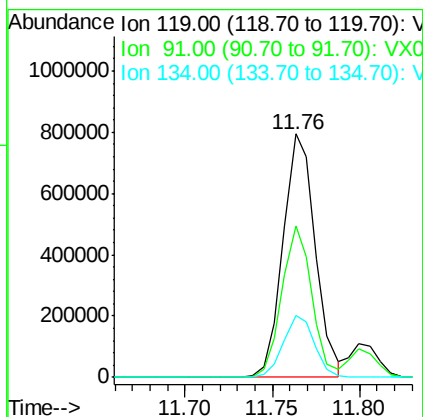
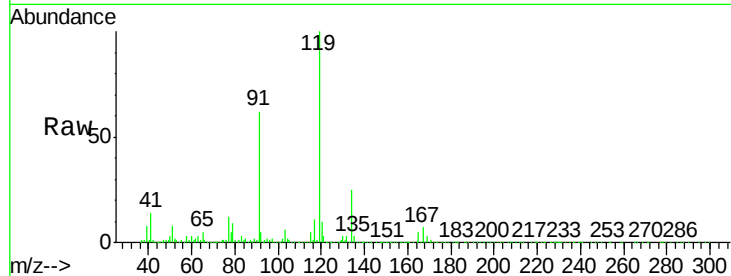




#83
tert-Butylbenzene
Concen: 50.588 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

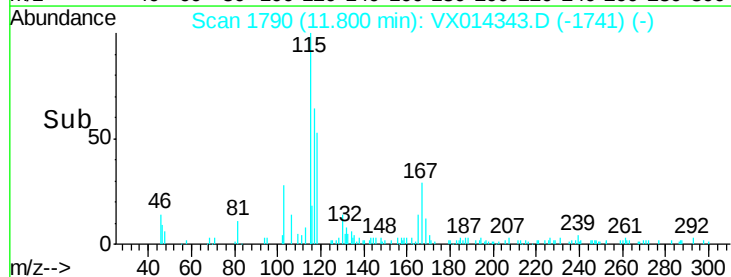
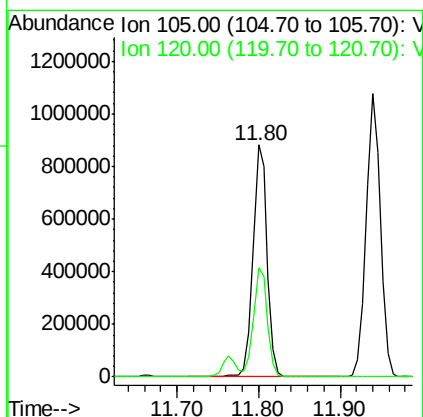
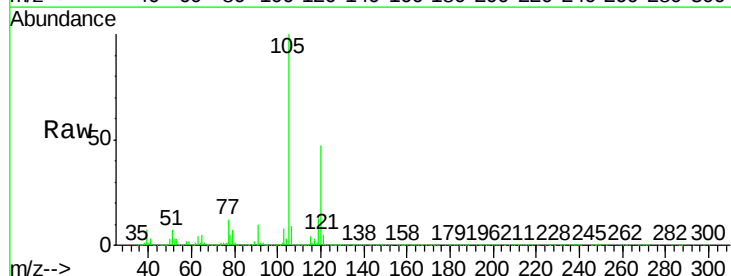
Instrument :
MSVOA_X
ClientSampleId :

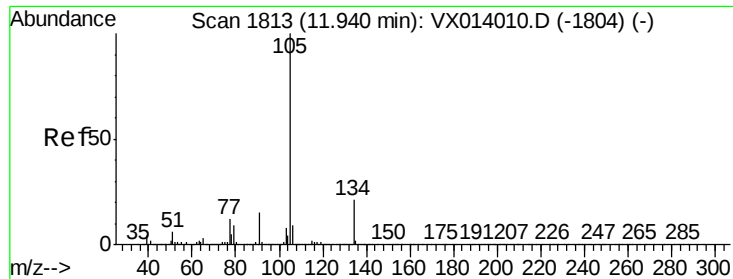
Tot Ion:119 Resp: 1024396
Ion Ratio Lower Upper
119 100
91 58.2 28.5 85.6
134 24.6 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 51.603 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:105 Resp: 1075308
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.222 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

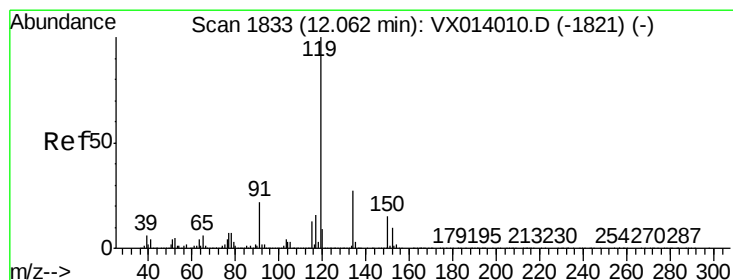
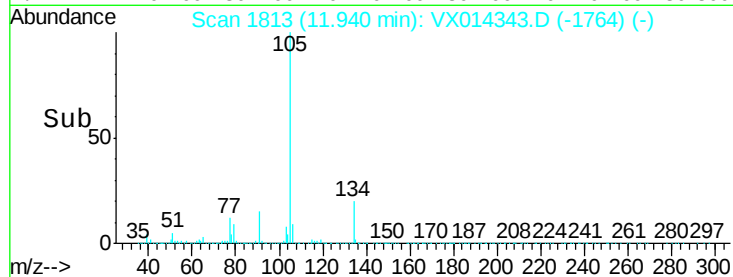
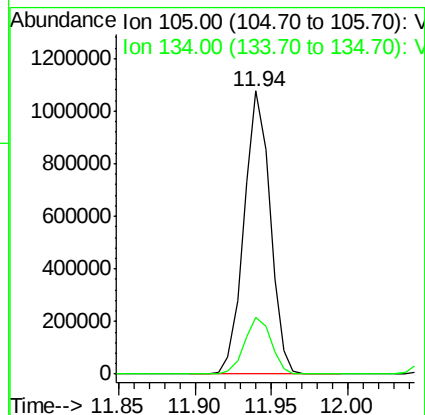
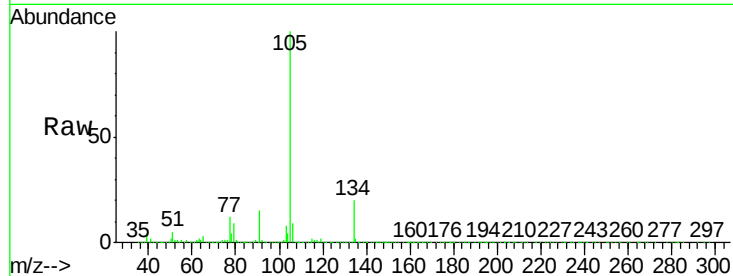
ClientSampleId :

Tot Ion:105 Resp: 1272304

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.351 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

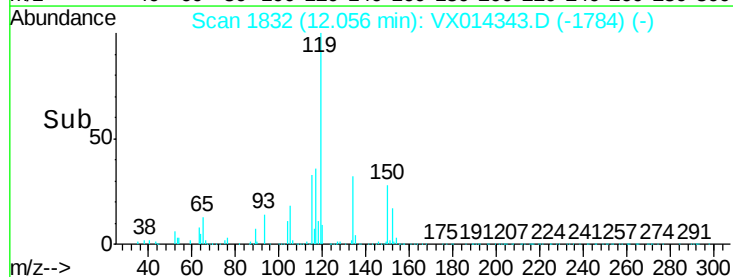
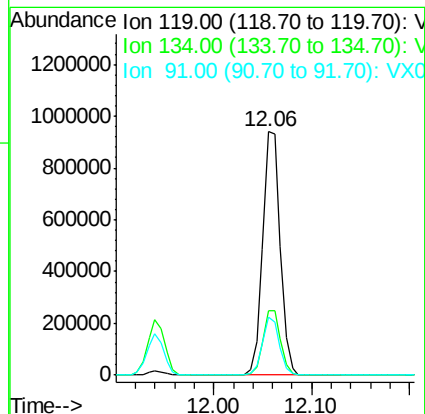
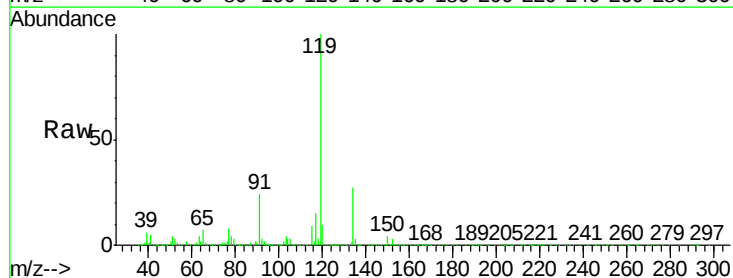
Tgt Ion:119 Resp: 1166623

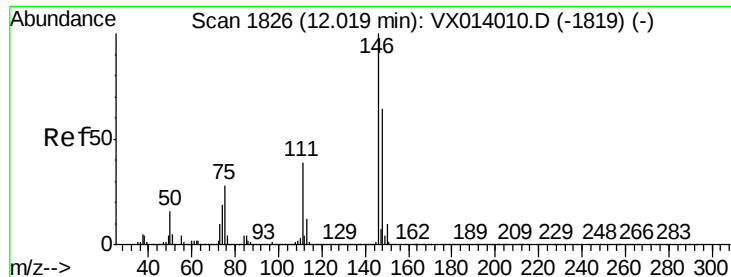
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.7 11.4 34.1

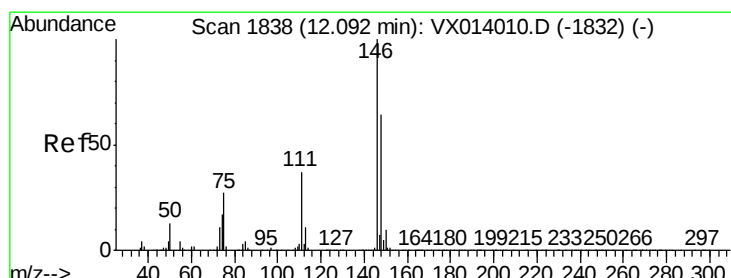
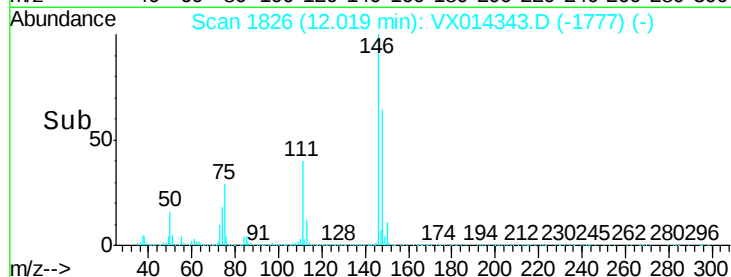
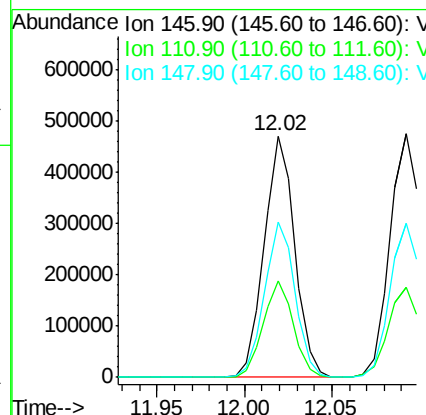
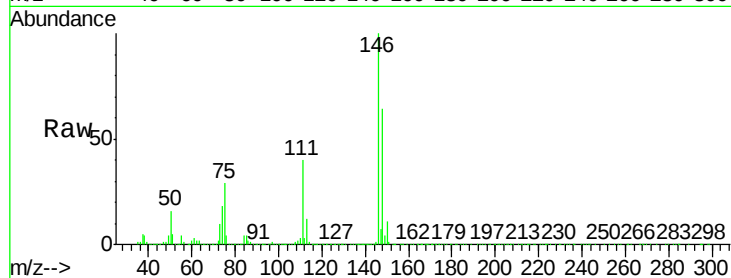




#87
 1,3-Dichlorobenzene
 Concen: 48.650 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

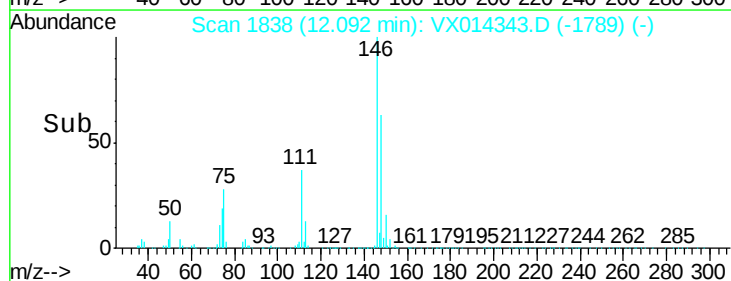
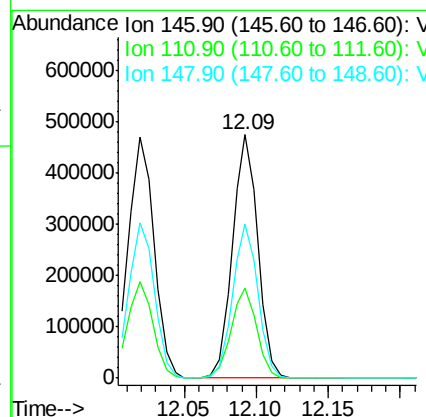
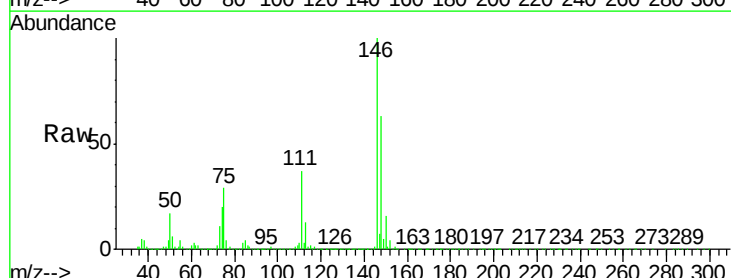
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	64.3	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 48.359 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	63.4	31.9	95.9





#89

n-Butylbenzene

Concen: 55.118 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

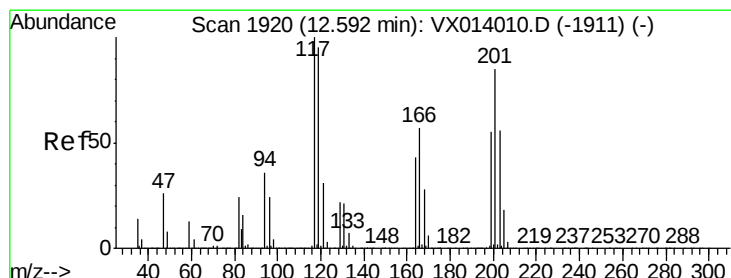
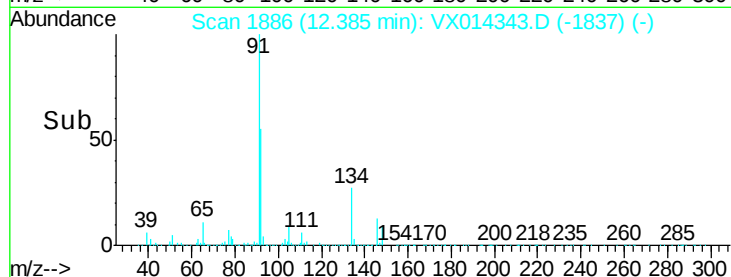
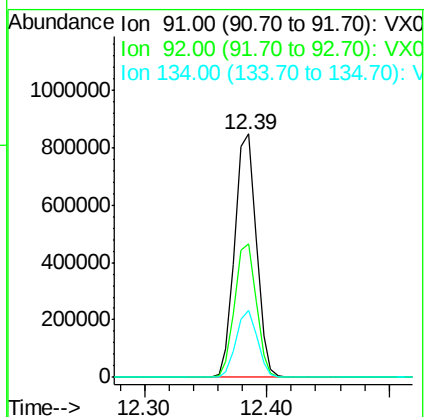
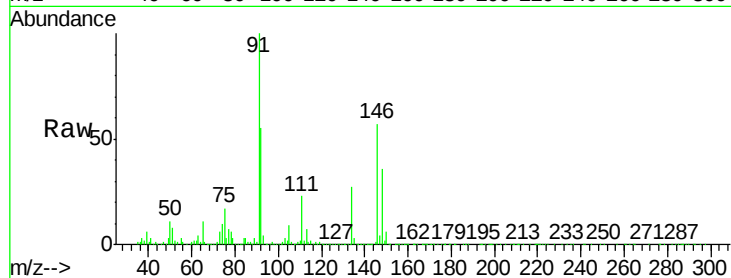
Tot Ion: 91 Resp: 1028416

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.9	13.4	40.1

91 100

92 55.2 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 53.329 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014343.D

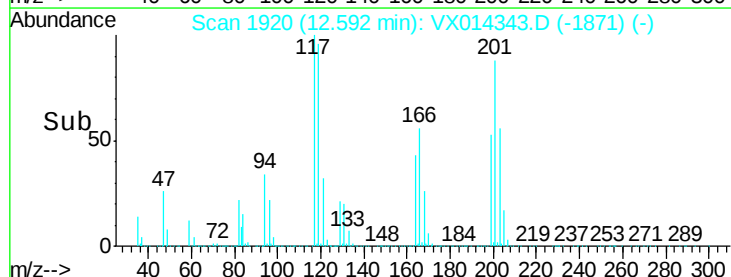
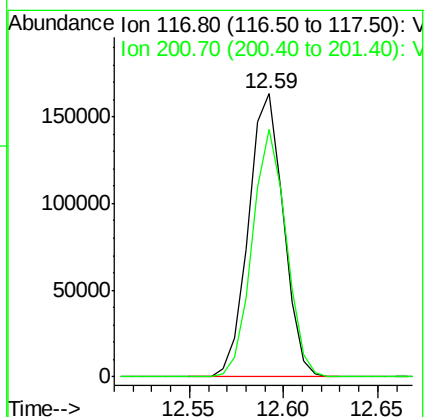
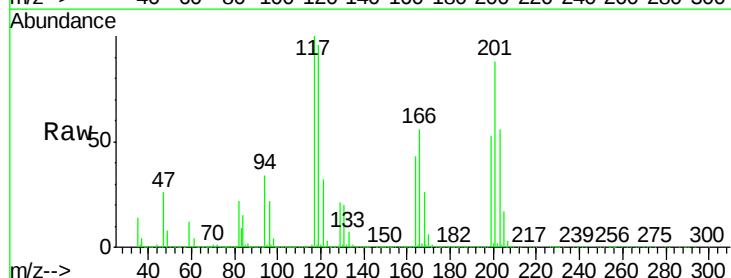
Acq: 30 Dec 2019 09:48

Tgt Ion: 117 Resp: 209462

Ion	Ratio	Lower	Upper
117	100		
201	85.1	43.1	129.3

117 100

201 85.1 43.1 129.3

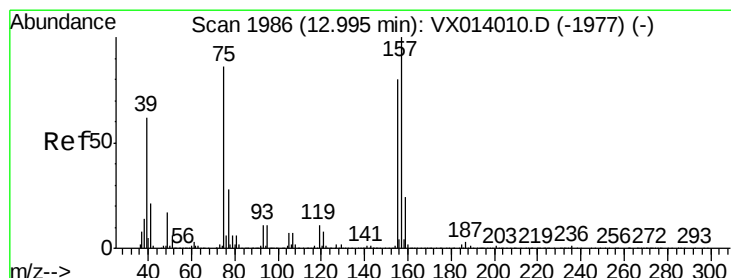
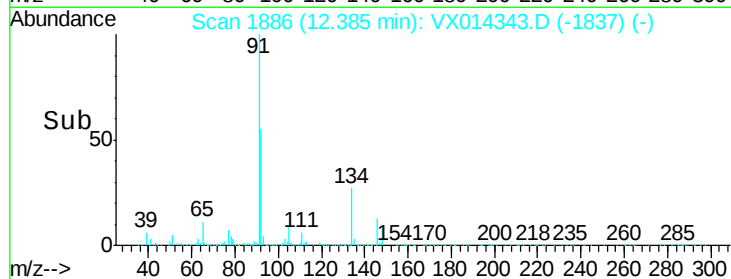
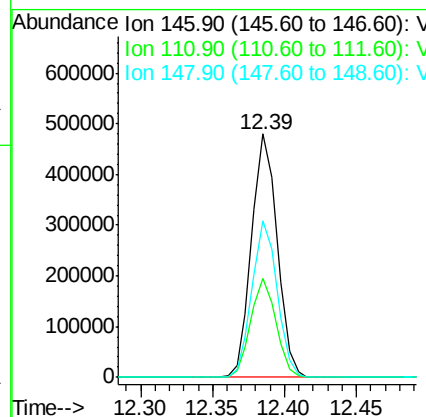
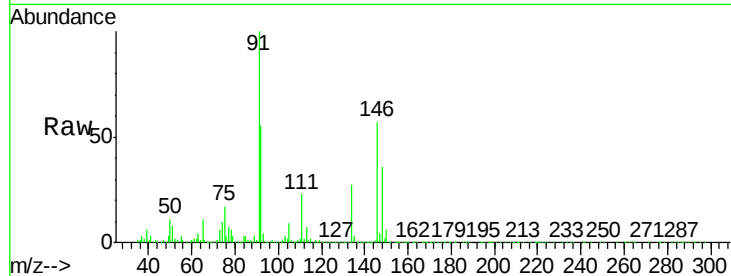




#91
 1,2-Dichlorobenzene
 Concen: 49.130 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

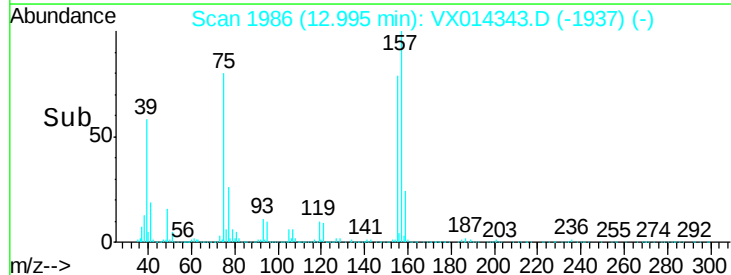
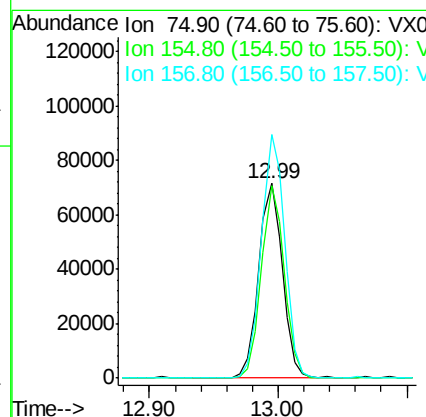
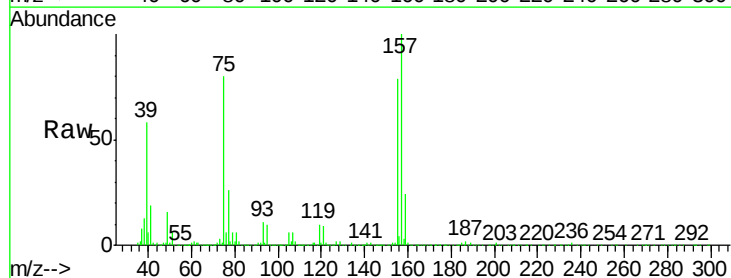
Instrument :
 MSVOA_X
 ClientSampleId :

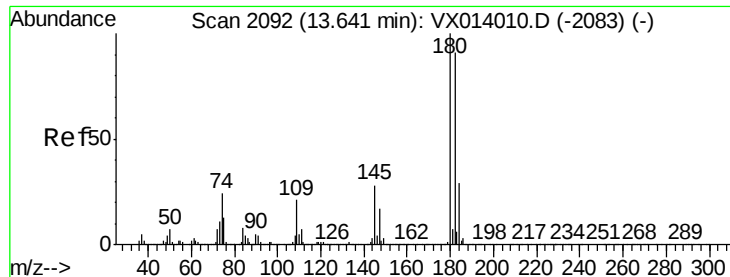
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	63.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.237 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.9	140.6
157	124.6	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 51.905 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

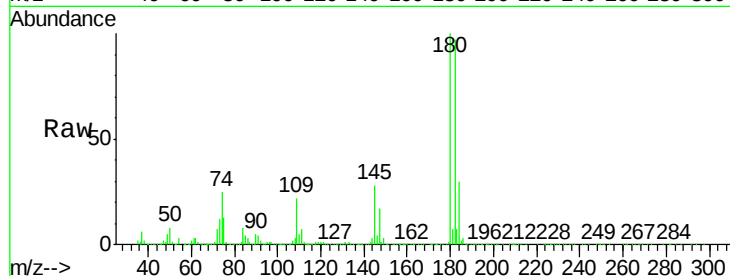
Tot Ion:180 Resp: 404888

Ion Ratio Lower Upper

180 100

182 95.2 46.6 139.8

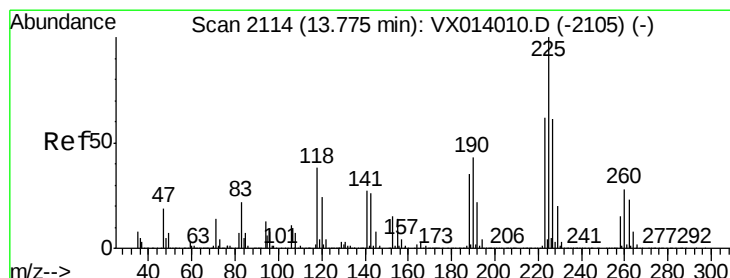
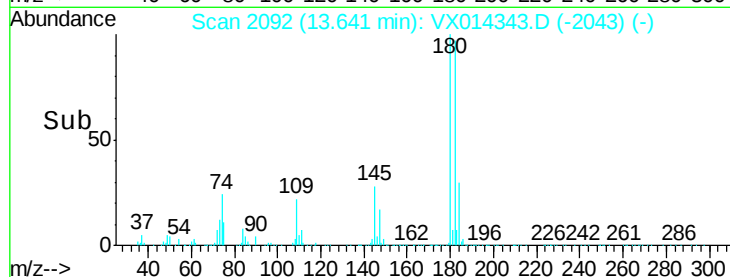
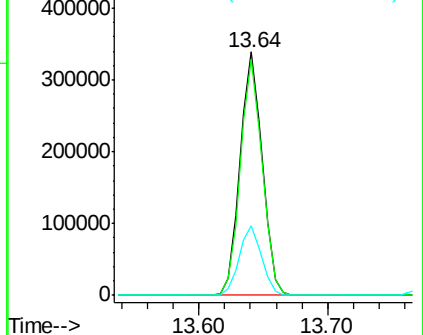
145 28.8 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.395 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

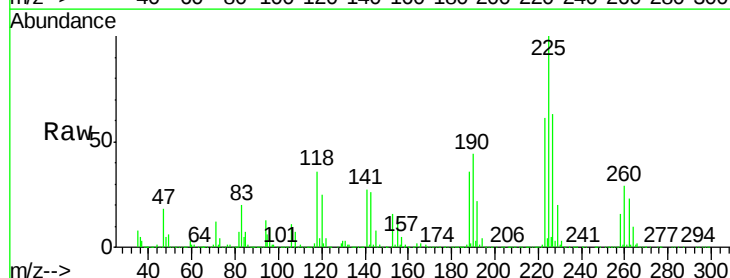
Tgt Ion:225 Resp: 192678

Ion Ratio Lower Upper

225 100

223 63.9 30.9 92.5

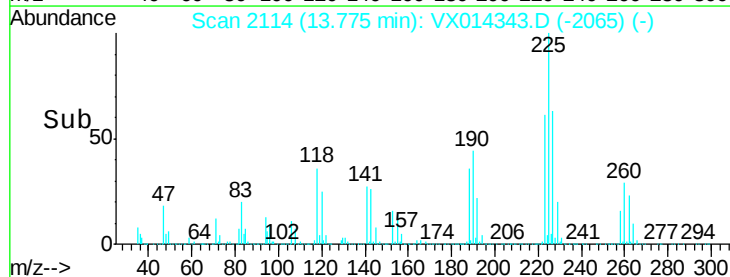
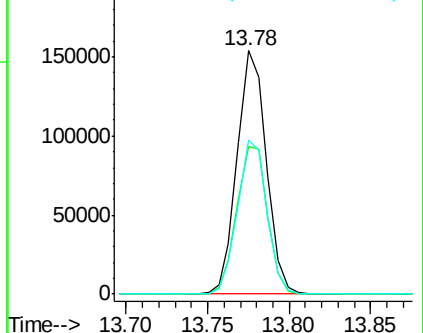
227 63.3 30.9 92.7

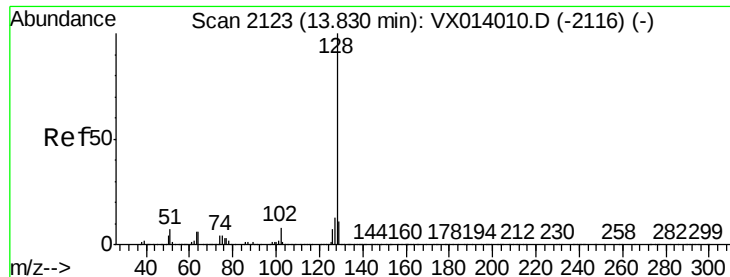


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

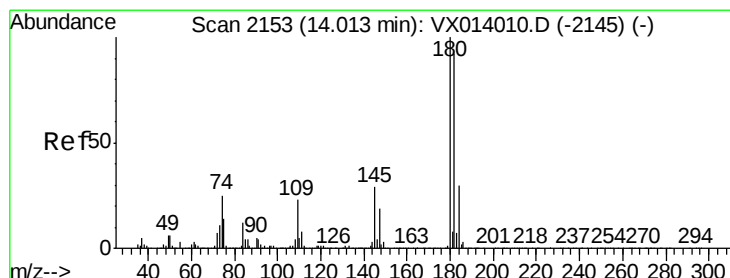
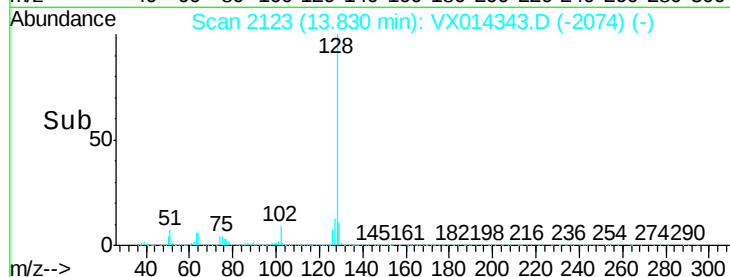
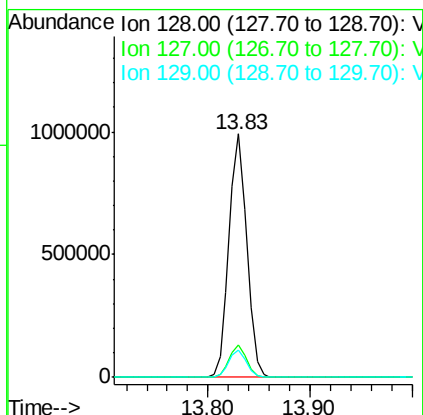
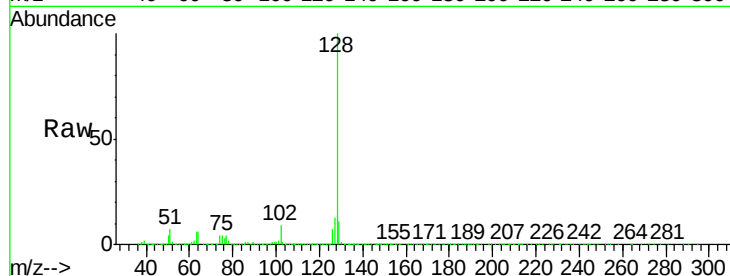




#95
Naphthalene
Concen: 52.240 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1197258
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.508 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:180 Resp: 404330
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.3
145 30.1 14.8 44.4

