

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014141.D
 Acq On : 20 Dec 2019 00:23
 Operator : JC/SP
 Sample : VX1219WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 03:59:03 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	534065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	303790	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.49	113	252847	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	977387	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	341879	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83563	17.489	ug/l	100
3) Chloromethane	1.32	50	117176	18.274	ug/l	99
4) Vinyl Chloride	1.40	62	123068	18.190	ug/l	98
5) Bromomethane	1.63	94	80157	16.692	ug/l	96
6) Chloroethane	1.72	64	77971	18.672	ug/l	95
7) Trichlorofluoromethane	1.92	101	156209	18.651	ug/l	99
8) Diethyl Ether	2.18	74	72672	18.488	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90774	17.980	ug/l	99
10) Methyl Iodide	2.50	142	105852	17.686	ug/l	99
11) Tert butyl alcohol	3.03	59	121147	92.628	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92519	18.009	ug/l	96
13) Acrolein	2.28	56	75287	100.560	ug/l	99
14) Allyl chloride	2.72	41	166100	18.108	ug/l	100
15) Acrylonitrile	3.13	53	304997	99.910	ug/l	100
16) Acetone	2.43	43	294790	75.017	ug/l	98
17) Carbon Disulfide	2.56	76	247835	17.867	ug/l	99
18) Methyl Acetate	2.76	43	154405	19.829	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	326850	19.361	ug/l	96
20) Methylene Chloride	2.85	84	114811	18.554	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	102723	18.150	ug/l	98
22) Diisopropyl ether	3.84	45	358200	19.597	ug/l	100
23) Vinyl Acetate	3.80	43	1423560	95.435	ug/l	99
24) 1,1-Dichloroethane	3.69	63	189386	18.623	ug/l	99
25) 2-Butanone	4.65	43	443989	91.643	ug/l	97
26) 2,2-Dichloropropane	4.58	77	120290	15.235	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121559	18.991	ug/l	95
28) Bromochloromethane	5.00	49	78626	20.375	ug/l	100
29) Tetrahydrofuran	5.11	42	275546	101.685	ug/l	99
30) Chloroform	5.20	83	187027	19.400	ug/l	98
31) Cyclohexane	5.57	56	167251	18.491	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153365	18.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134036	17.285	ug/l	98
37) Ethyl Acetate	4.82	43	166439	19.437	ug/l	99
38) Carbon Tetrachloride	5.78	117	129715	18.363	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	160899	16.805	ug/l	95
40) Benzene	6.14	78	432361	18.121	ug/l	99
41) Methacrylonitrile	5.03	41	89272	18.790	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149353	18.467	ug/l	100
43) Isopropyl Acetate	6.43	43	266373	18.797	ug/l	99
44) Trichloroethene	7.21	130	115607	17.543	ug/l	96
45) 1,2-Dichloropropane	7.51	63	112873	18.458	ug/l	94
46) Dibromomethane	7.65	93	73709	18.231	ug/l	99
47) Bromodichloromethane	7.89	83	140333	18.429	ug/l	100
48) Methyl methacrylate	7.76	41	128868	18.571	ug/l	98
49) 1,4-Dioxane	7.73	88	54281	384.384	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	844972	94.943	ug/l	99
52) Toluene	8.78	92	272268	18.054	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	144365	17.290	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	169096	18.179	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112838	18.669	ug/l	99
56) Ethyl methacrylate	9.17	69	175149	18.448	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187056	18.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345391	96.129	ug/l	99
59) 2-Hexanone	9.48	43	651474	90.933	ug/l	98
60) Dibromochloromethane	9.57	129	109620	18.246	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115610	18.695	ug/l	99
64) Tetrachloroethene	9.33	164	135300	20.358	ug/l	99
65) Chlorobenzene	10.14	112	289542	18.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103968	18.234	ug/l	99
67) Ethyl Benzene	10.25	91	500280	18.222	ug/l	99
68) m/p-Xylenes	10.36	106	383704	36.337	ug/l	100
69) o-Xylene	10.70	106	189573	18.305	ug/l	100
70) Styrene	10.71	104	313515	17.903	ug/l	98
71) Bromoform	10.85	173	82798	18.065	ug/l #	99
73) Isopropylbenzene	11.01	105	491960	19.229	ug/l	100
74) N-amyl acetate	10.89	43	222060	18.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	168260	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	187559	23.776	ug/l	87
77) Bromobenzene	11.25	156	130009	18.470	ug/l	98
78) n-propylbenzene	11.35	91	542383	18.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	331168	18.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405554	18.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46985	16.811	ug/l	93
82) 4-Chlorotoluene	11.51	91	366384	18.107	ug/l	100
83) tert-Butylbenzene	11.76	119	374355	17.866	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	407641	18.905	ug/l	100
85) sec-Butylbenzene	11.94	105	464152	18.764	ug/l	99
86) p-Isopropyltoluene	12.06	119	422777	18.685	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222572	18.042	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221953	17.694	ug/l	99
89) n-Butylbenzene	12.39	91	336172	17.412	ug/l	99
90) Hexachloroethane	12.59	117	73241	18.021	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228809	18.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34756	17.707	ug/l	98

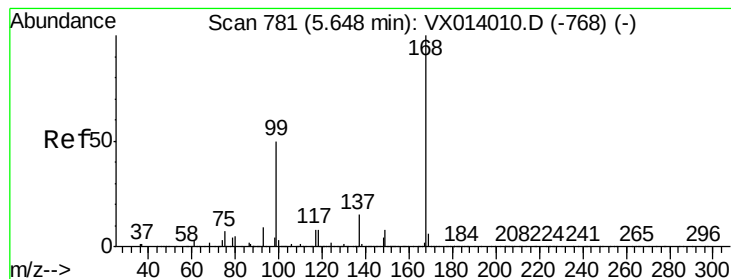
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141828	17.571	ug/l	98
94) Hexachlorobutadiene	13.78	225	67479	17.395	ug/l	100
95) Naphthalene	13.83	128	440376	18.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143962	18.068	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

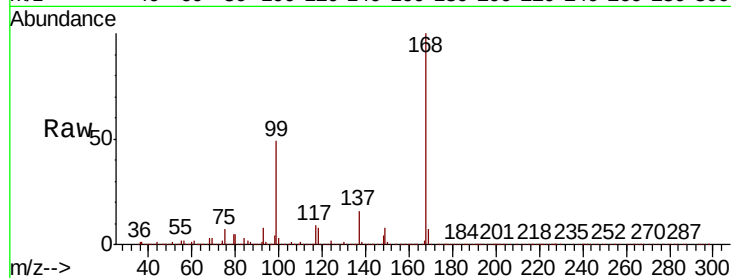
ClientSampled :

Tot Ion:168 Resp: 534065

Ion Ratio Lower Upper

168 100

99 49.2 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

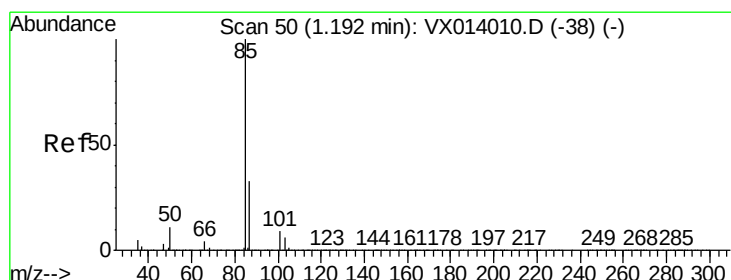
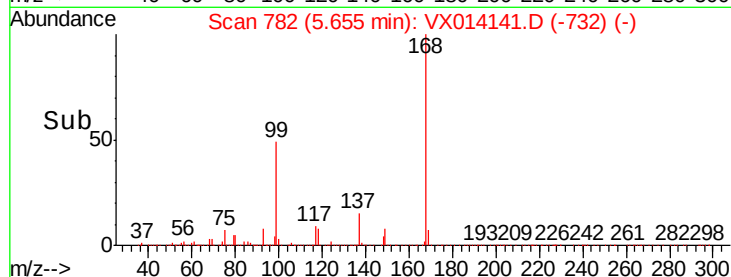
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.489 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014141.D

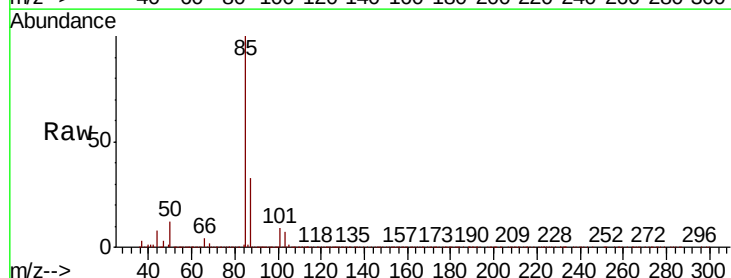
Acq: 20 Dec 2019 00:23

Tgt Ion: 85 Resp: 83563

Ion Ratio Lower Upper

85 100

87 32.8 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

100000

80000

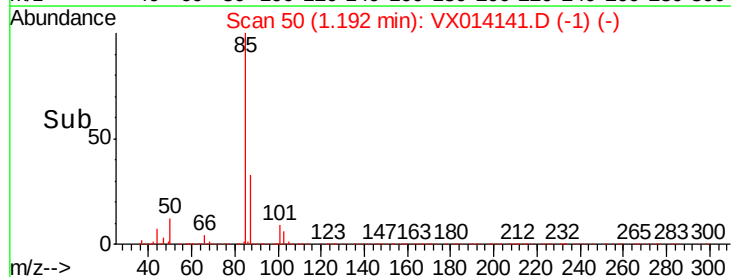
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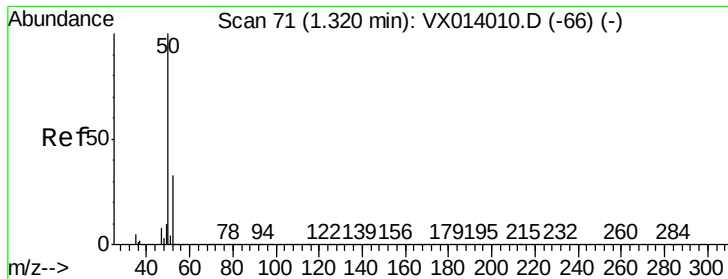
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.274 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

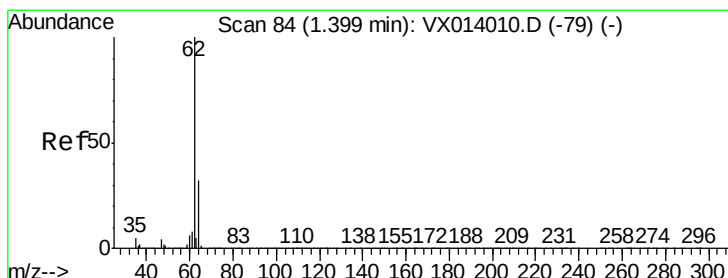
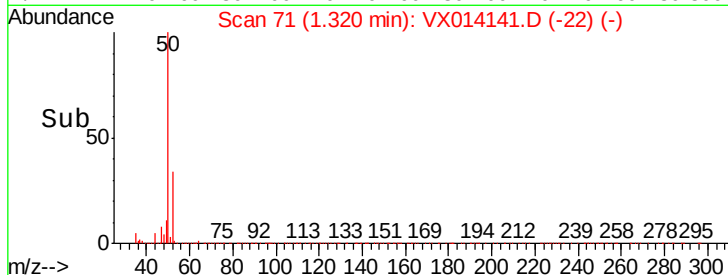
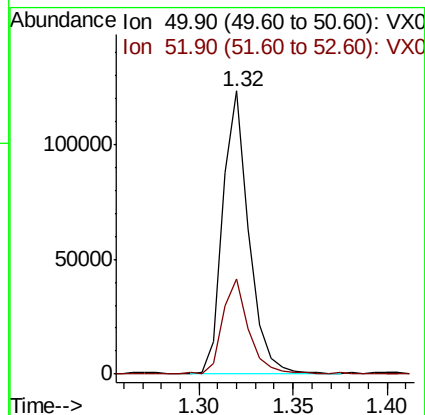
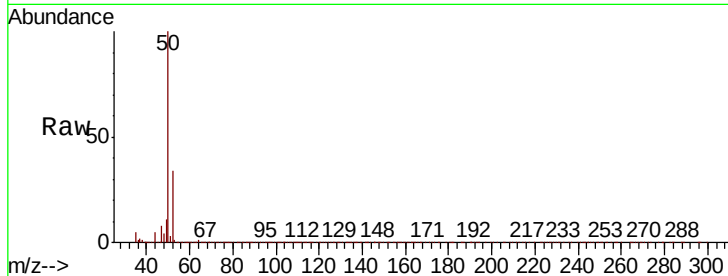
ClientSampleId :

Tot Ion: 50 Resp: 117176

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.4



#4

Vinyl Chloride

Concen: 18.190 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014141.D

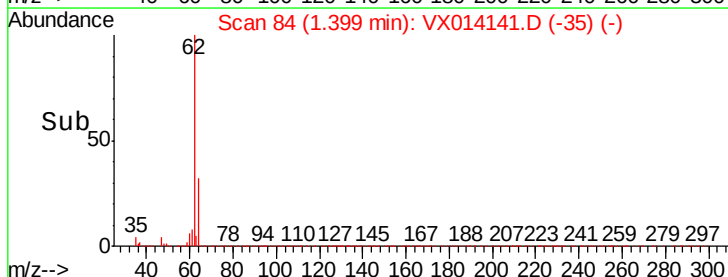
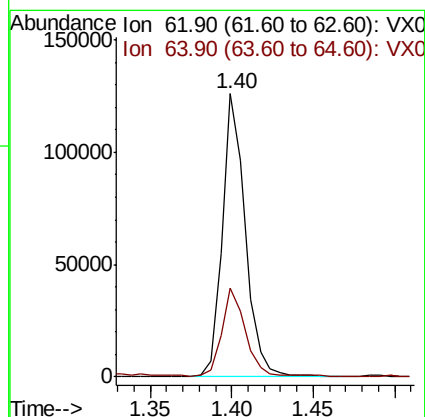
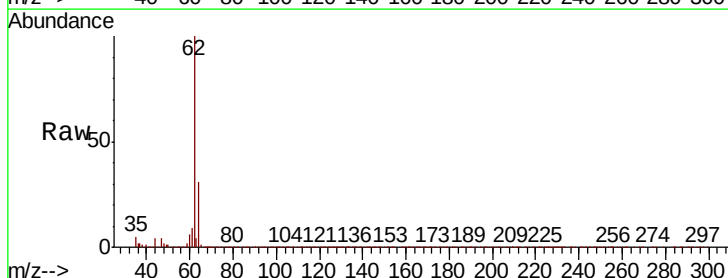
Acq: 20 Dec 2019 00:23

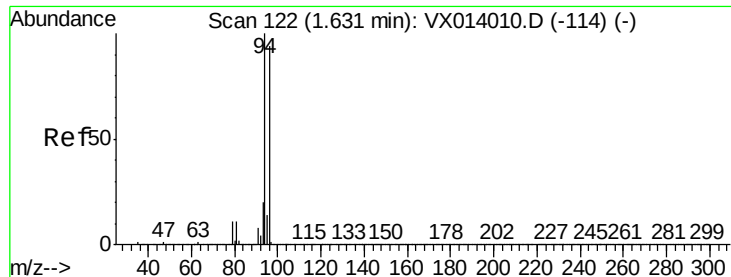
Tgt Ion: 62 Resp: 123068

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 16.692 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

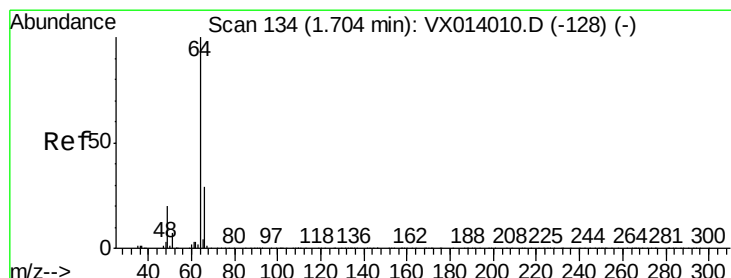
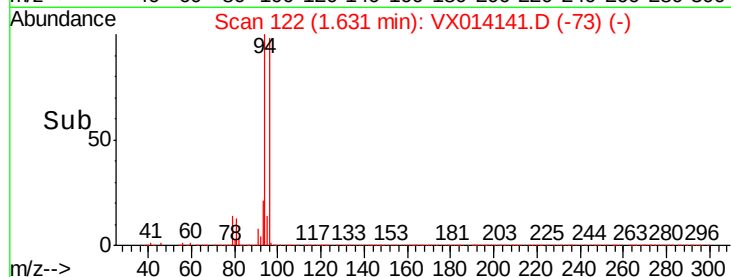
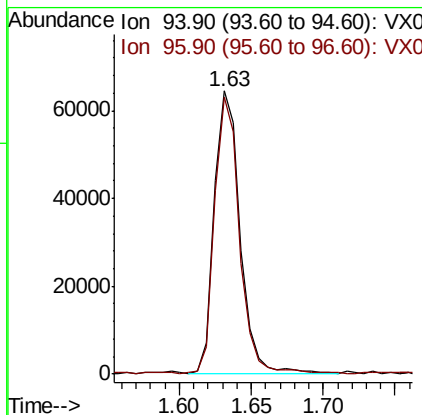
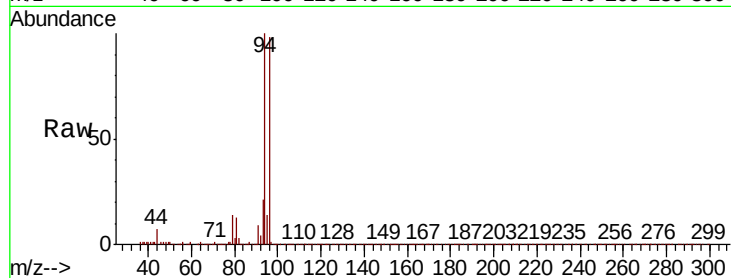
ClientSampleId :

Tot Ion: 94 Resp: 80157

Ion Ratio Lower Upper

94 100

96 97.8 75.2 112.8



#6

Chloroethane

Concen: 18.672 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014141.D

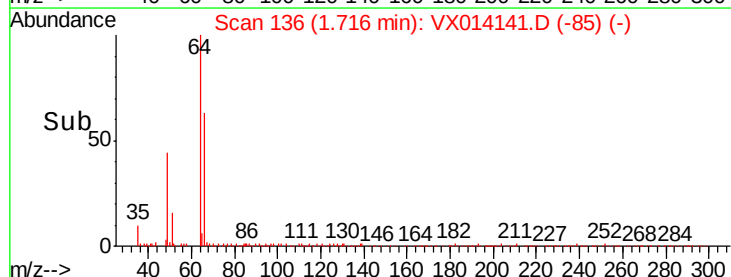
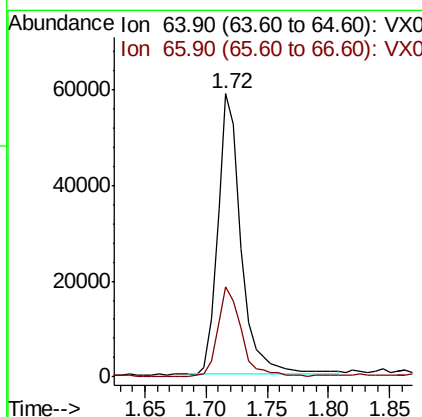
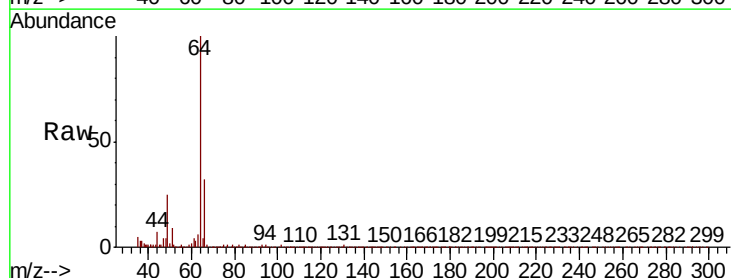
Acq: 20 Dec 2019 00:23

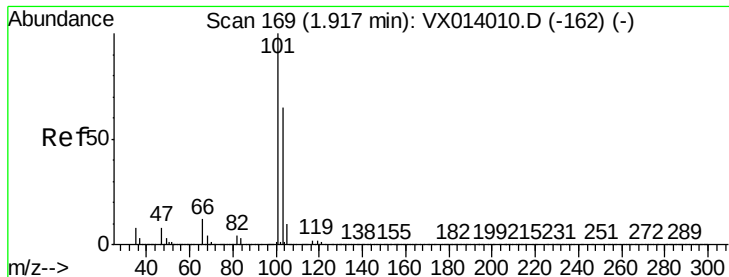
Tgt Ion: 64 Resp: 77971

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



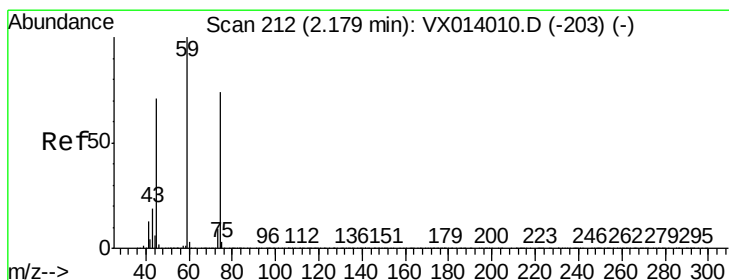
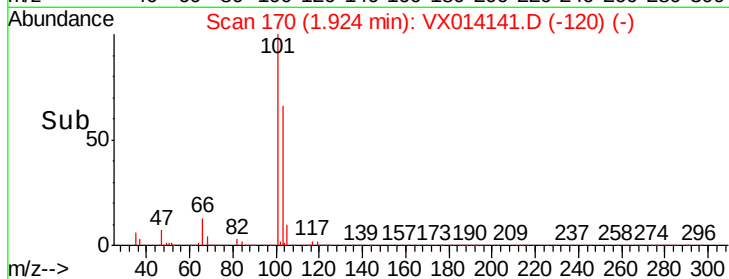
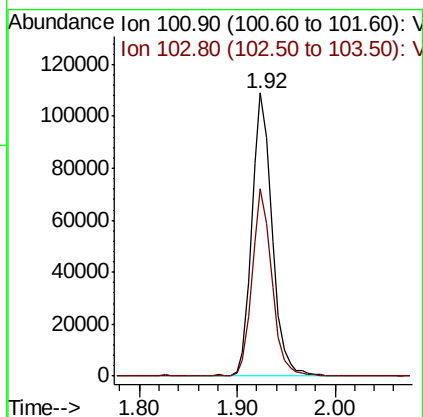
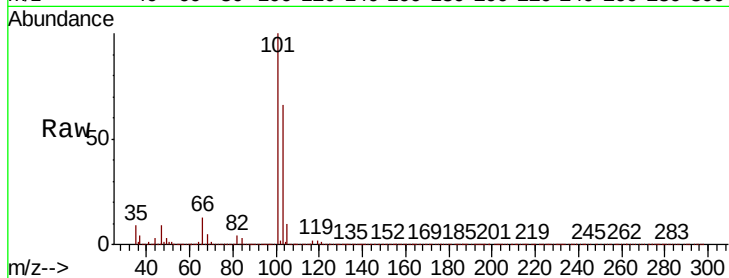


#7

Trichlorofluoromethane
Concen: 18.651 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

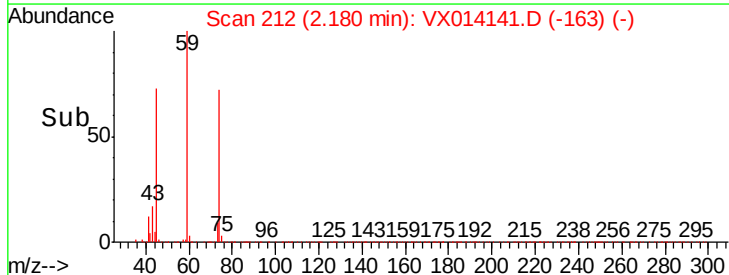
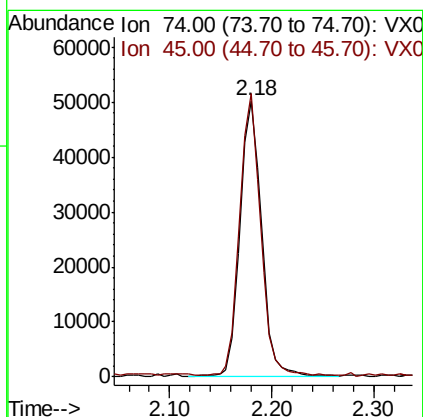
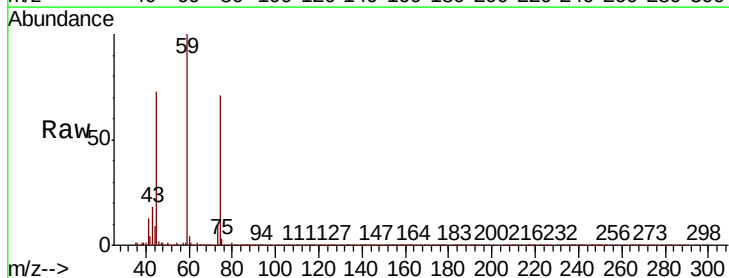
Tot Ion:101 Resp: 156209
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

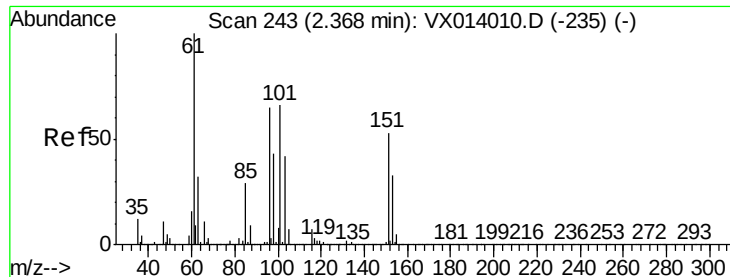


#8

Diethyl Ether
Concen: 18.488 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 74 Resp: 72672
Ion Ratio Lower Upper
74 100
45 99.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.980 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

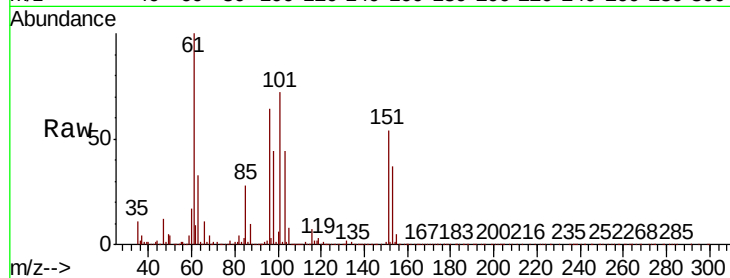
Tot Ion:101 Resp: 90774

Ion Ratio Lower Upper

101 100

85 41.1 33.7 50.5

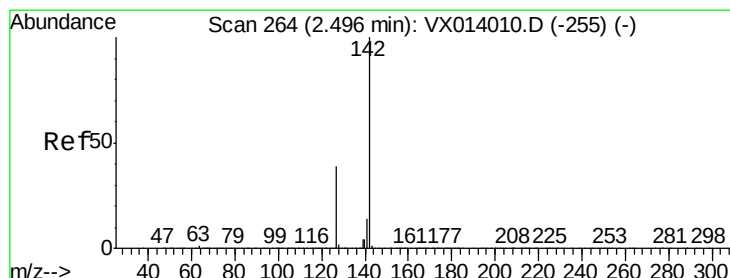
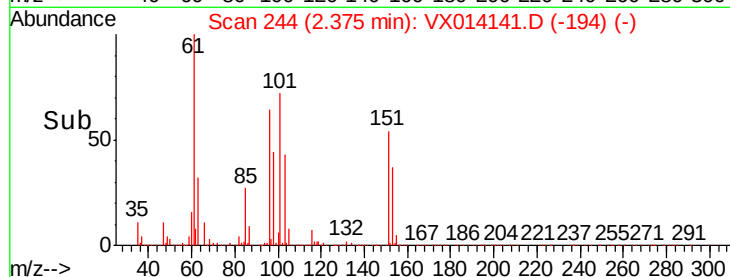
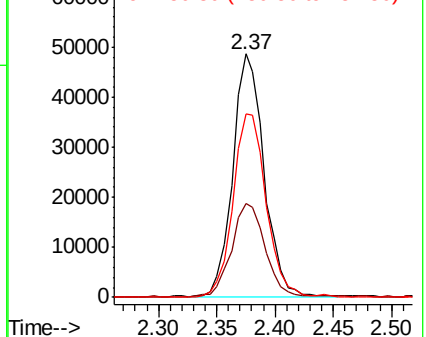
151 79.7 64.5 96.7



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: 17.686 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

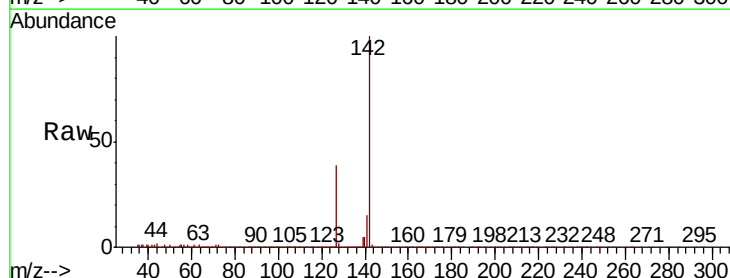
Tgt Ion:142 Resp: 105852

Ion Ratio Lower Upper

142 100

127 39.0 31.6 47.4

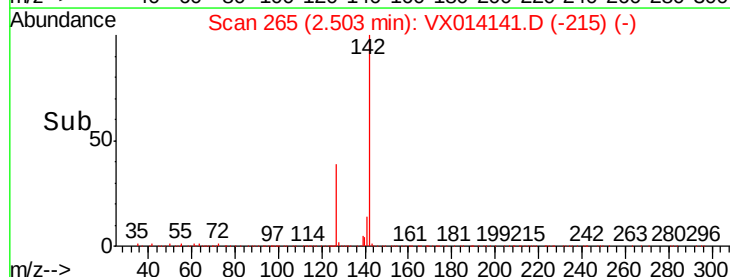
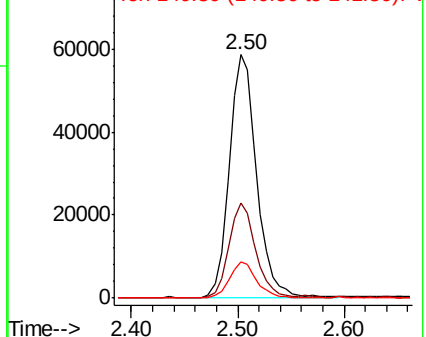
141 14.9 11.6 17.4

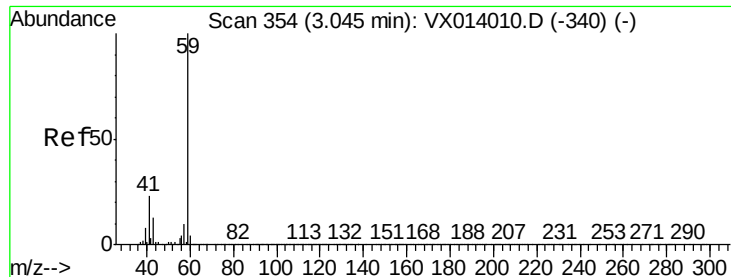


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



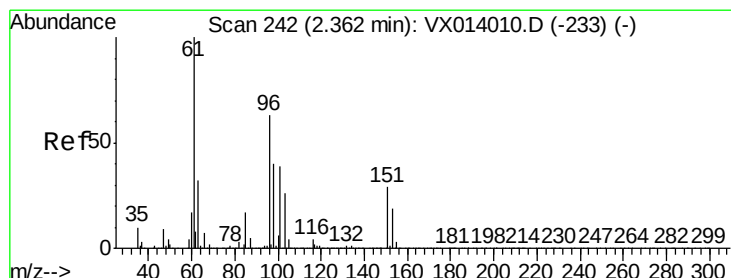
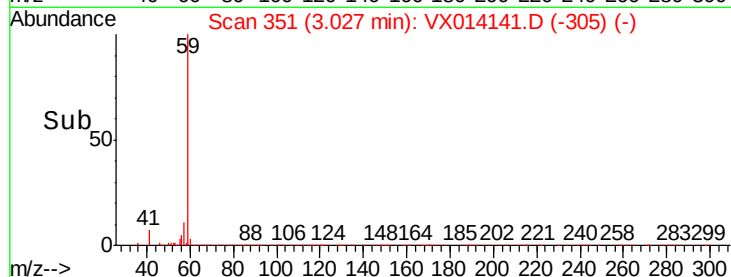
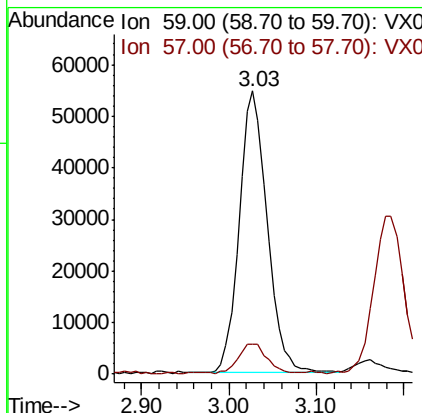
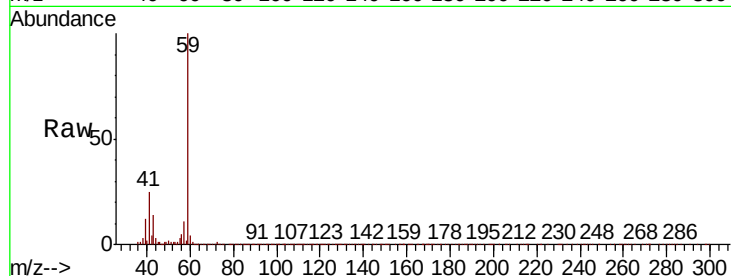


#11

Tert butyl alcohol
Concen: 92.628 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

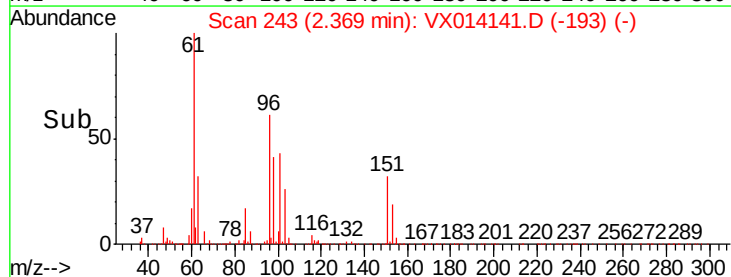
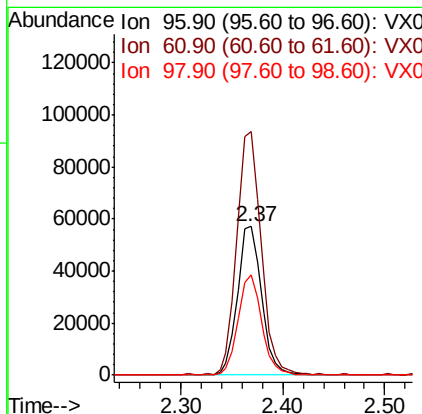
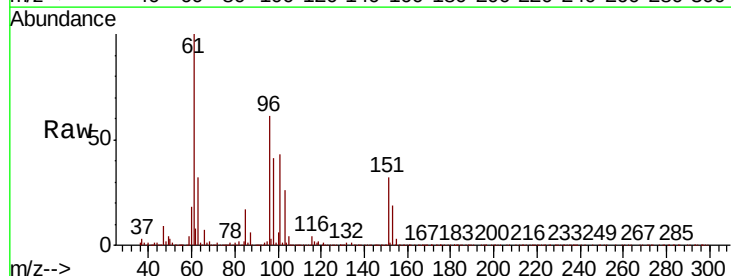
Tot Ion: 59 Resp: 121147
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

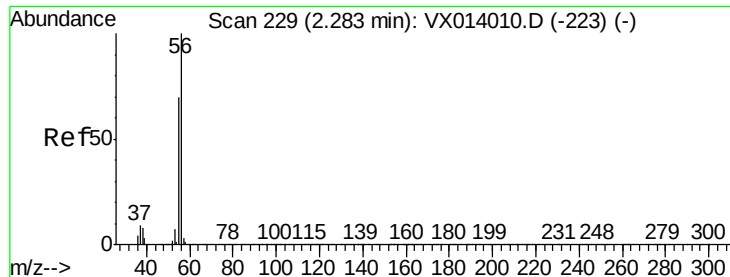


#12

1,1-Dichloroethene
Concen: 18.009 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 96 Resp: 92519
Ion Ratio Lower Upper
96 100
61 163.6 127.9 191.9
98 67.4 50.5 75.7

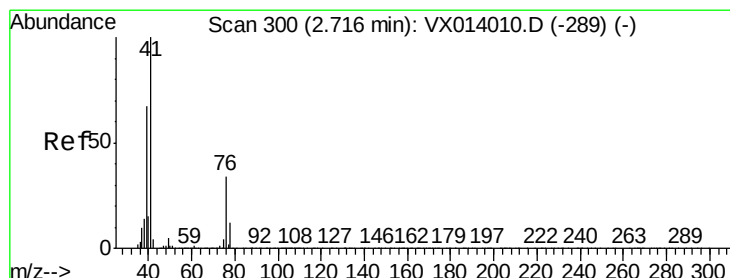
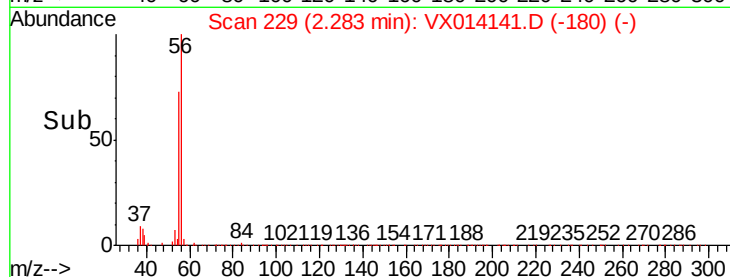
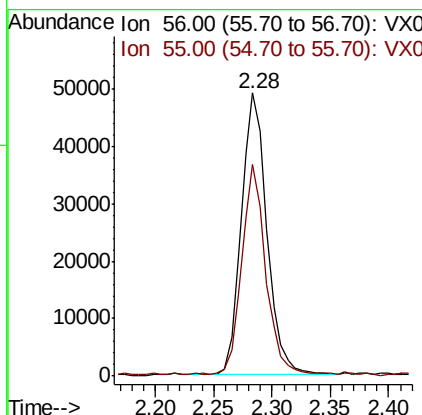
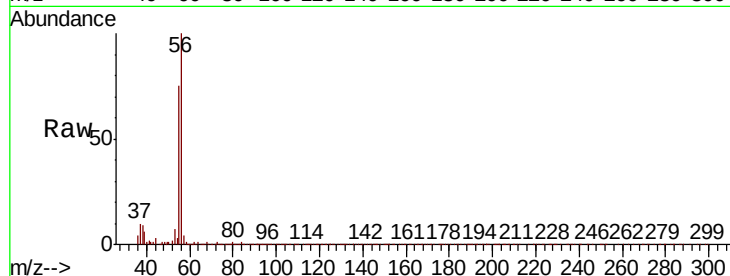




#13
Acrolein
Concen: 100.560 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

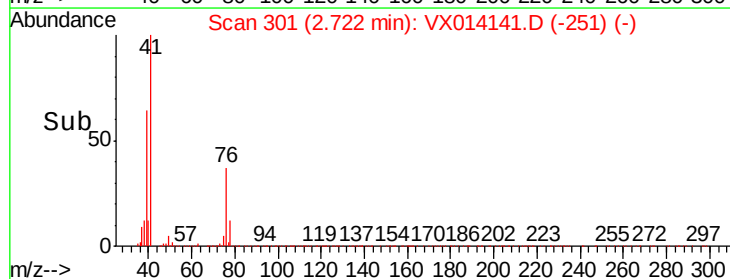
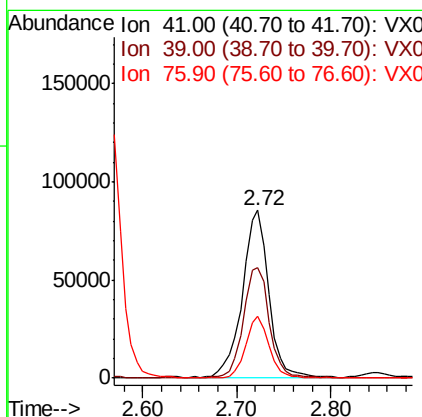
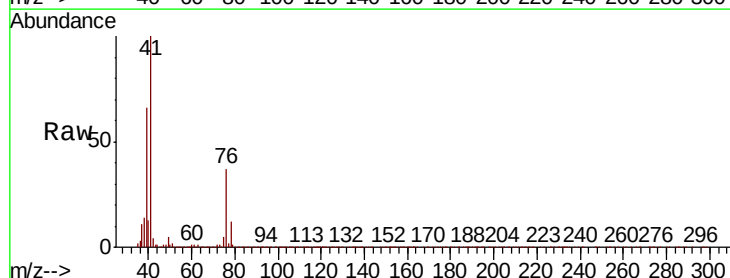
Instrument :
MSVOA_X
ClientSampleId :

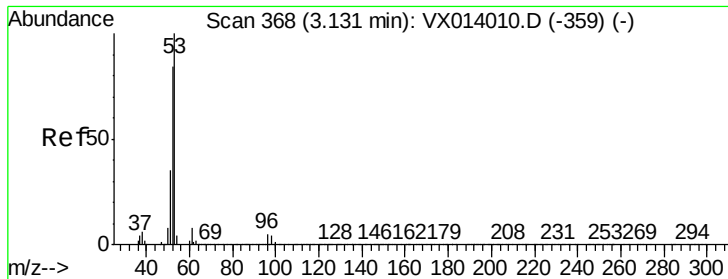
Tot Ion: 56 Resp: 75287
Ion Ratio Lower Upper
56 100
55 69.9 56.9 85.3



#14
Allyl chloride
Concen: 18.108 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 41 Resp: 166100
Ion Ratio Lower Upper
41 100
39 64.7 51.8 77.8
76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 99.910 ug/l

RT: 3.13 min Scan# 368

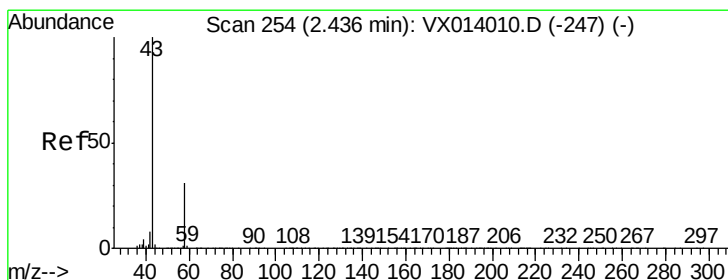
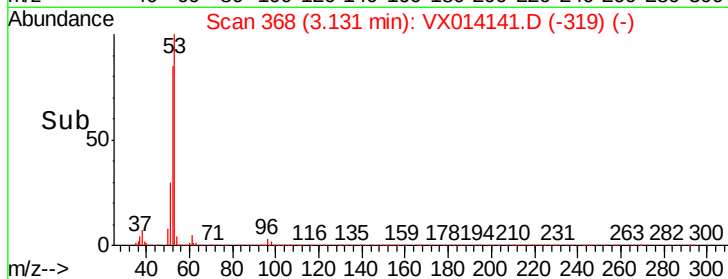
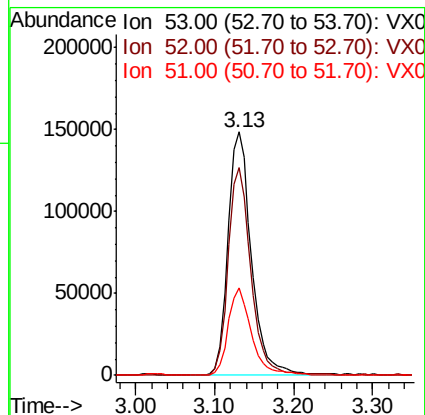
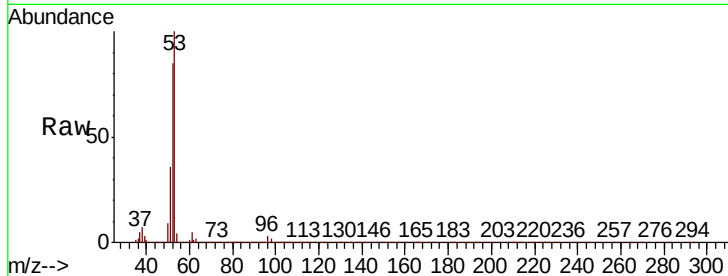
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	304997
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	35.2	28.1	42.1



#16

Acetone

Concen: 75.017 ug/l

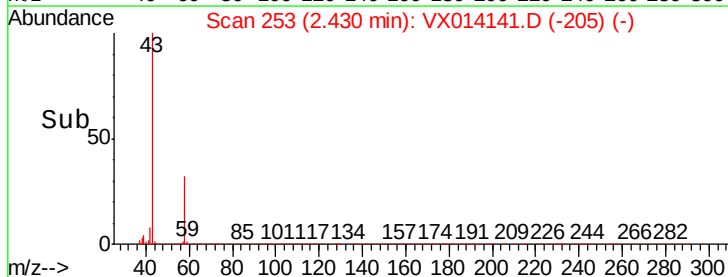
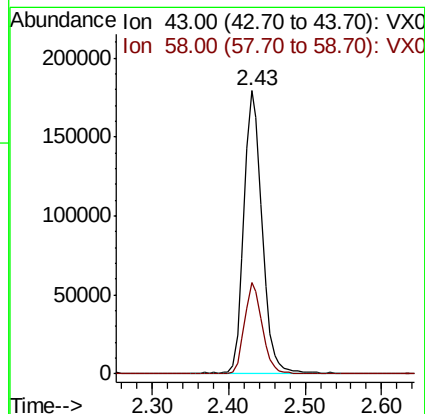
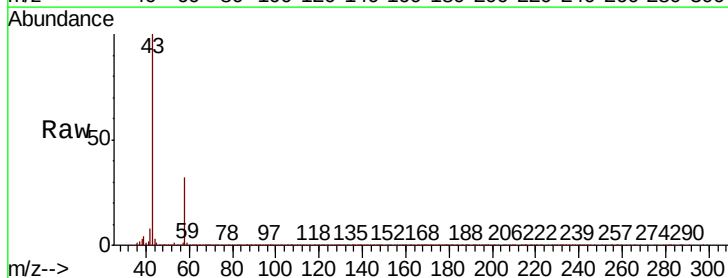
RT: 2.43 min Scan# 253

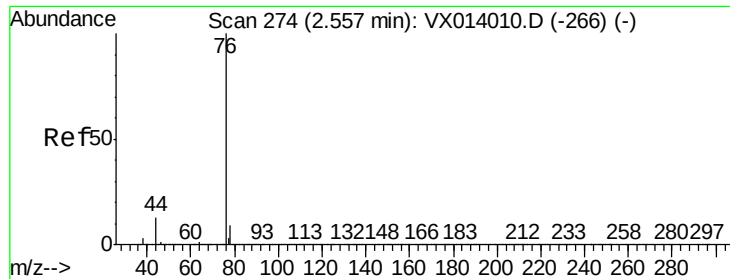
Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	43	Resp:	294790
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.9	37.3





#17

Carbon Disulfide

Concen: 17.867 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

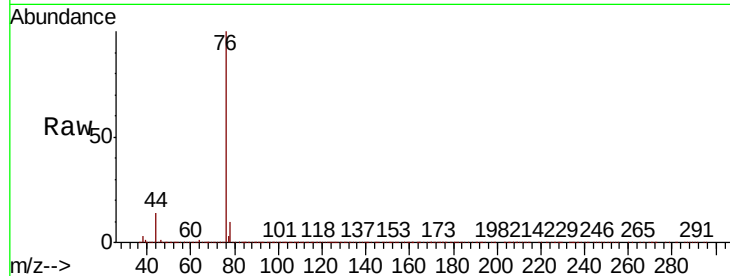
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 247835

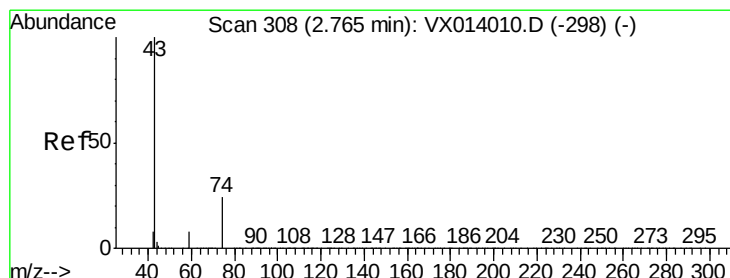
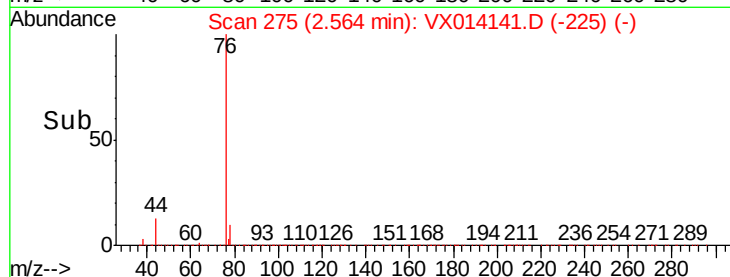
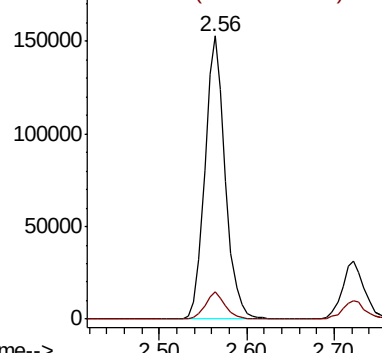
Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.829 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014141.D

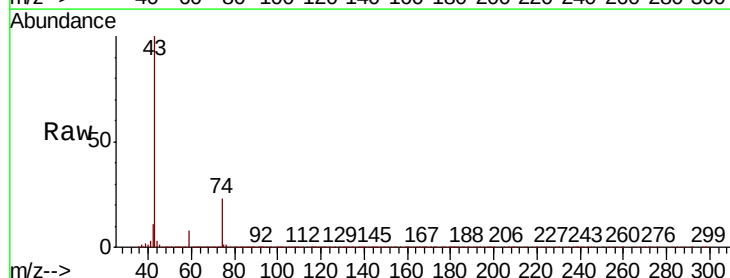
Acq: 20 Dec 2019 00:23

Tgt Ion: 43 Resp: 154405

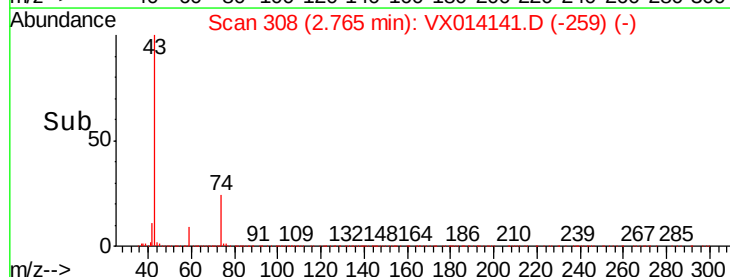
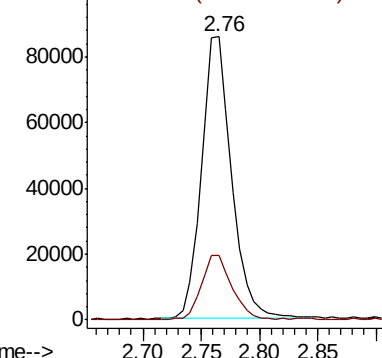
Ion Ratio Lower Upper

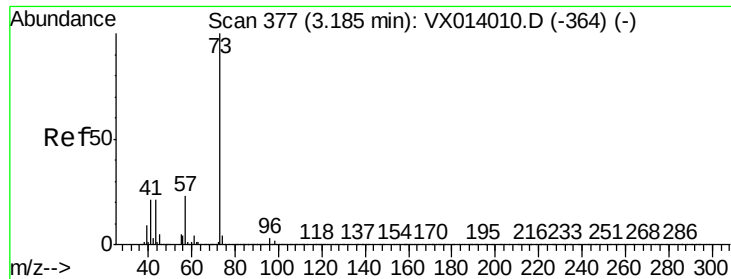
43 100

74 23.1 19.5 29.3



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

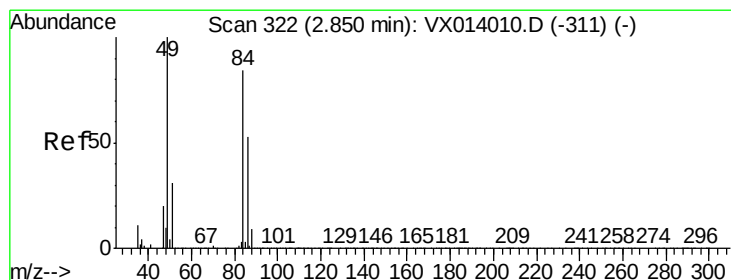
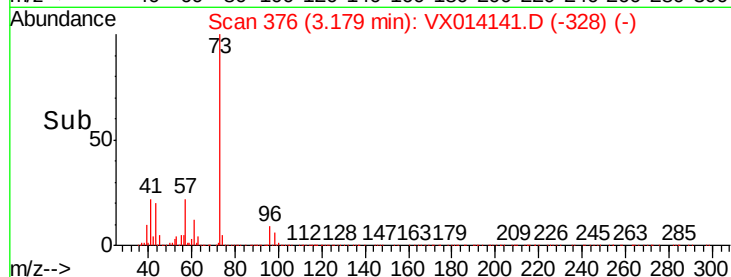
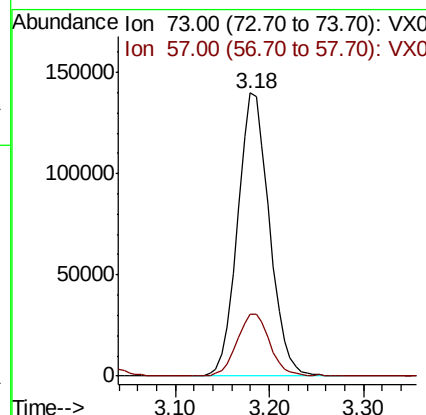
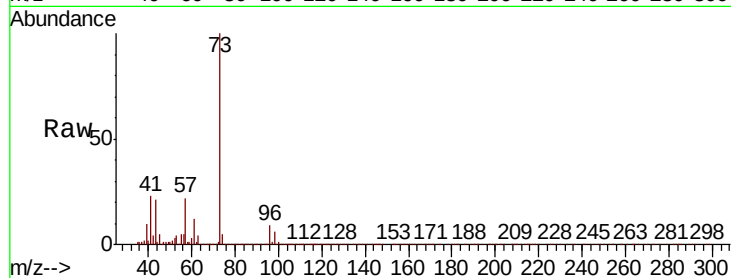




#19
Methyl tert-butyl Ether
Concen: 19.361 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

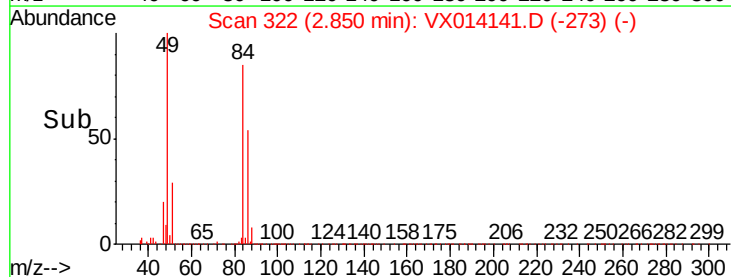
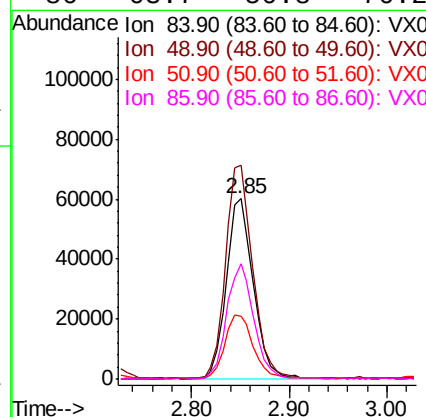
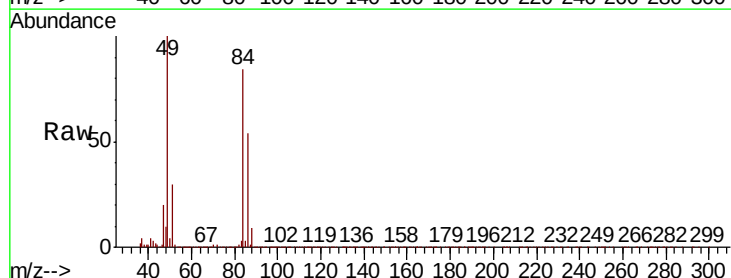
Instrument :
MSVOA_X
ClientSampleId :

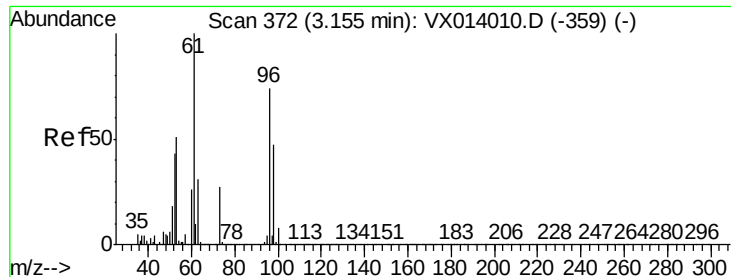
Tot Ion: 73 Resp: 326850
Ion Ratio Lower Upper
73 100
57 21.8 18.8 28.2



#20
Methylene Chloride
Concen: 18.554 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 84 Resp: 114811
Ion Ratio Lower Upper
84 100
49 118.1 95.8 143.6
51 34.7 29.8 44.8
86 63.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.150 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

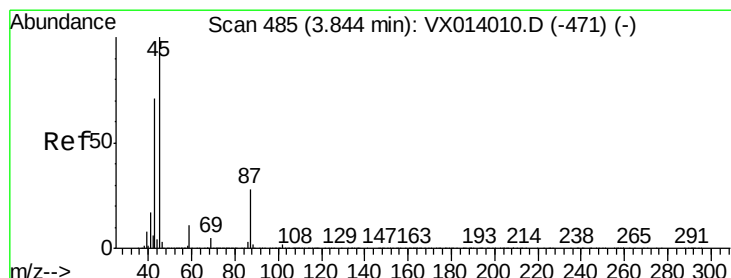
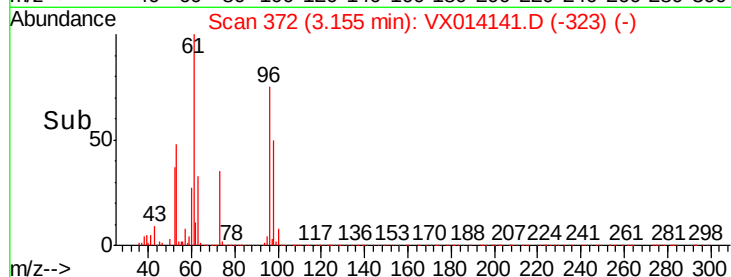
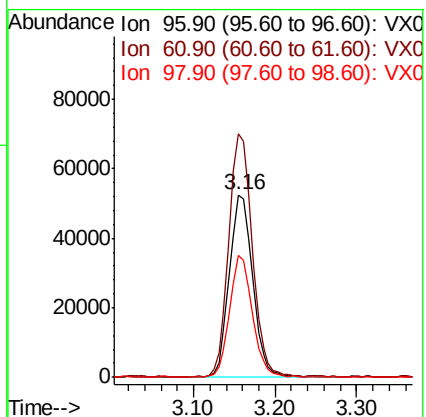
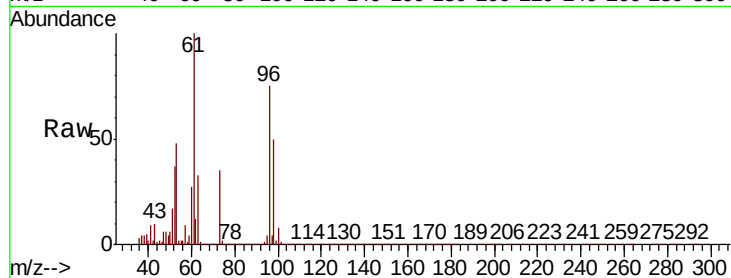
Tot Ion: 96 Resp: 102723

Ion Ratio Lower Upper

96 100

61 133.6 108.3 162.5

98 66.6 50.8 76.2



#22

Diisopropyl ether

Concen: 19.597 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion: 45 Resp: 358200

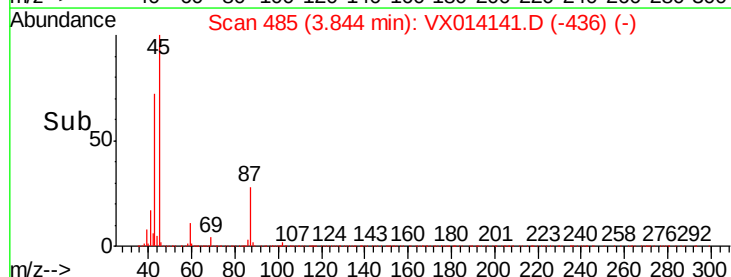
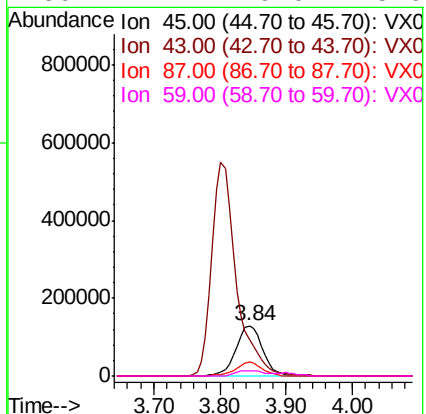
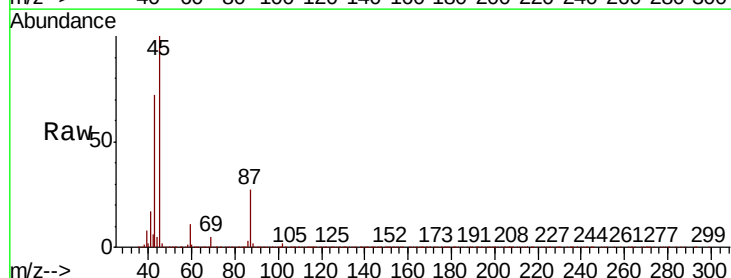
Ion Ratio Lower Upper

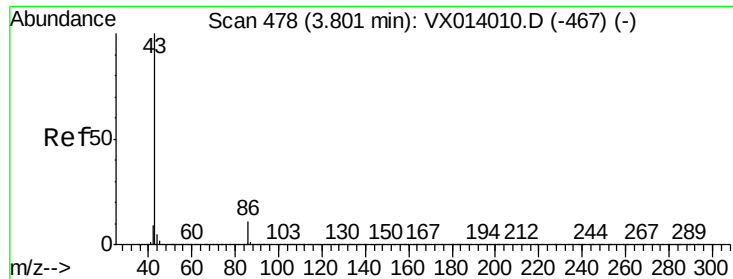
45 100

43 71.5 57.4 86.0

87 27.4 21.9 32.9

59 11.2 9.0 13.6

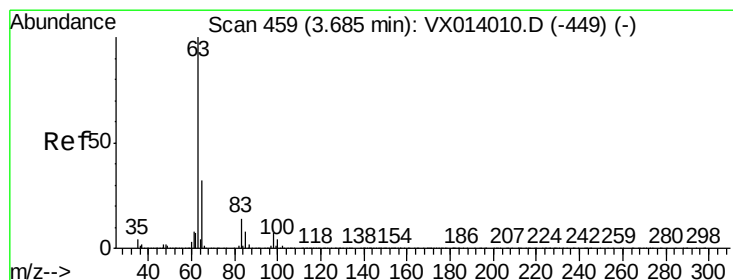
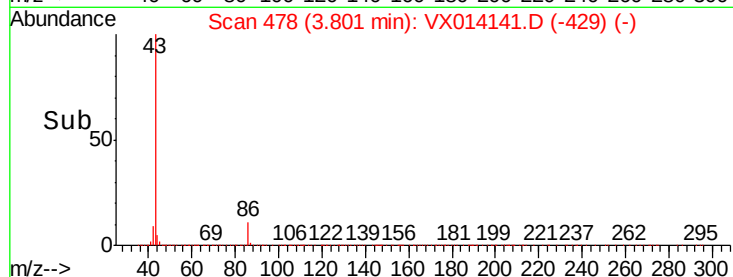
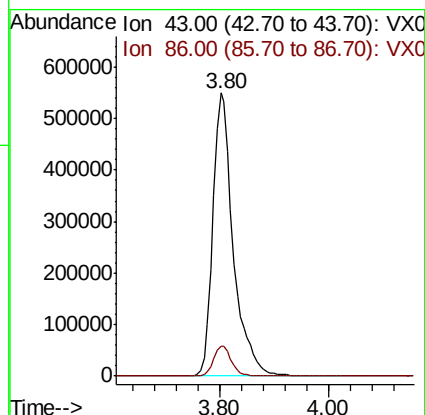
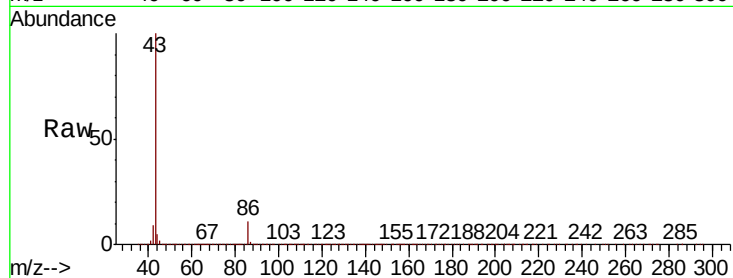




#23
 Vinyl Acetate
 Concen: 95.435 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

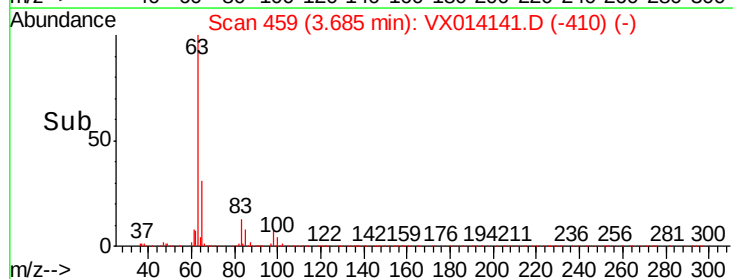
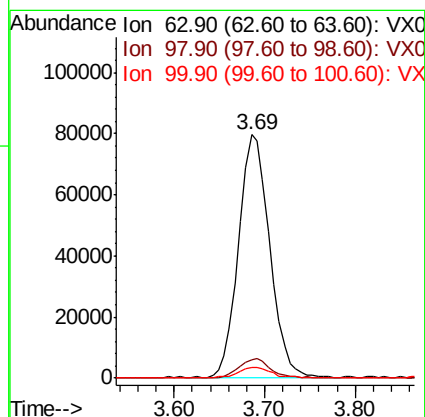
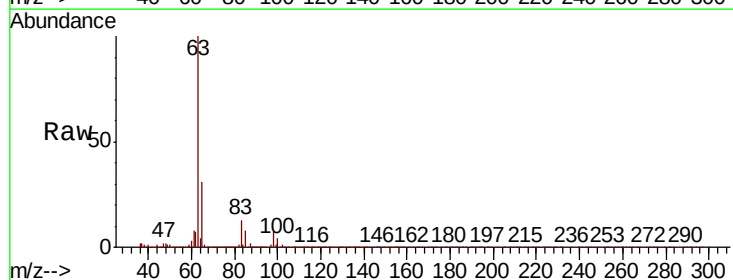
Instrument :
 MSVOA_X
 ClientSampleId :

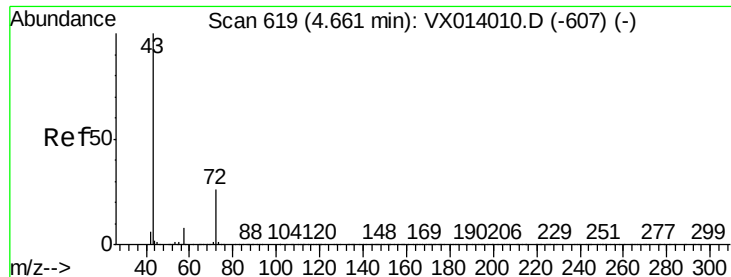
Tot Ion: 43 Resp: 1423560
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.623 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 63 Resp: 189386
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 91.643 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

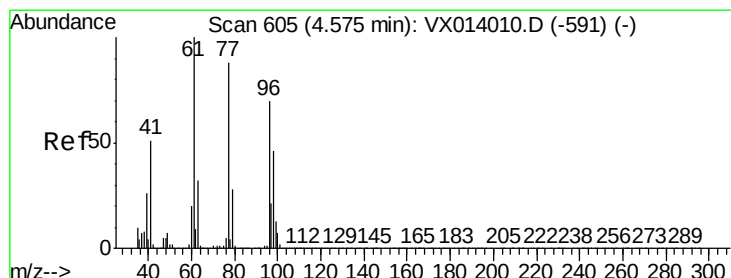
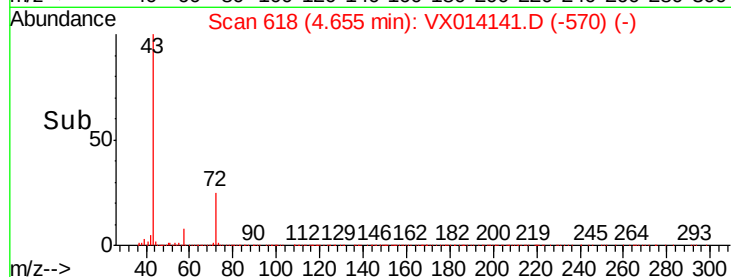
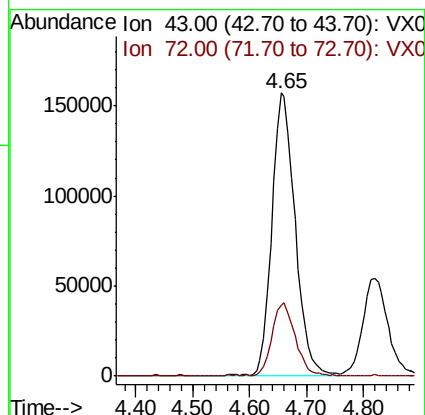
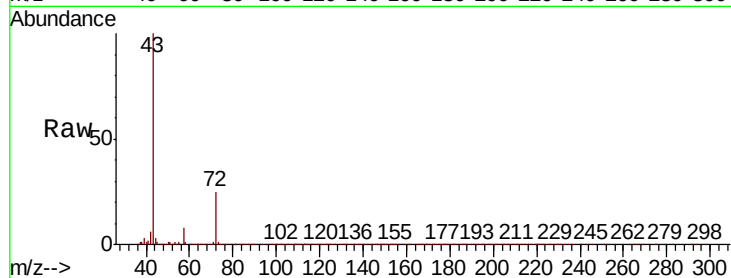
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 443989

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 15.235 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014141.D

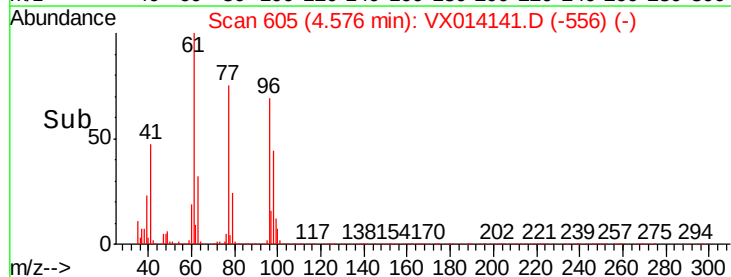
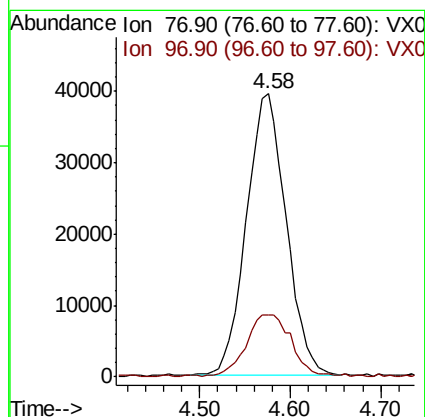
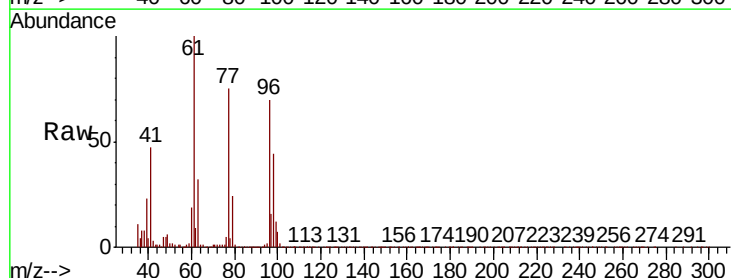
Acq: 20 Dec 2019 00:23

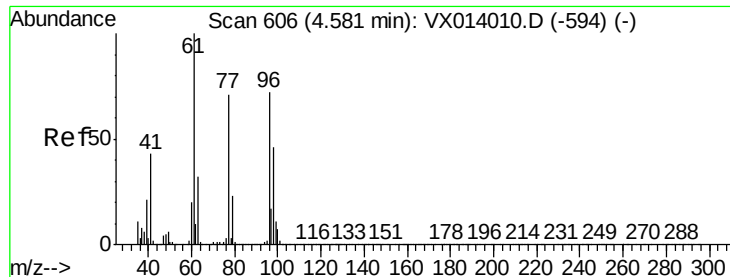
Tgt Ion: 77 Resp: 120290

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9



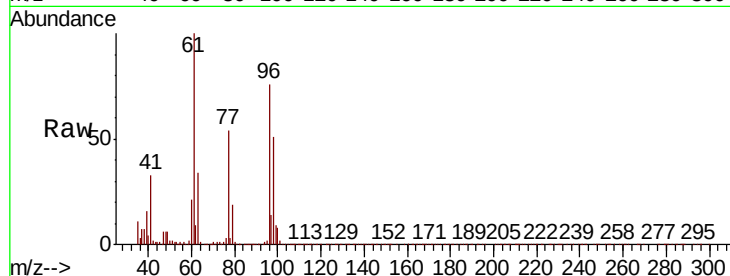


#27

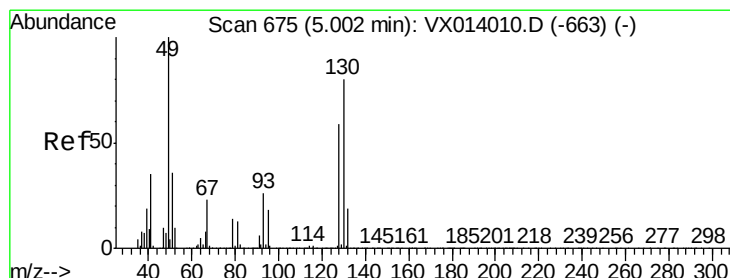
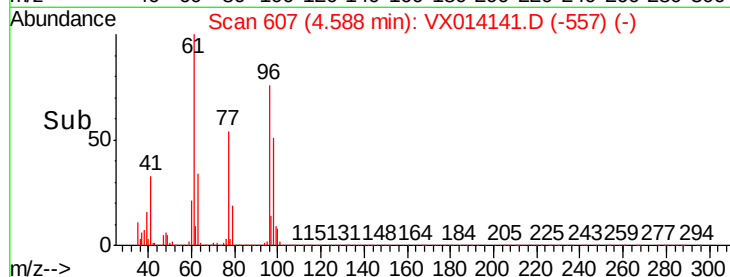
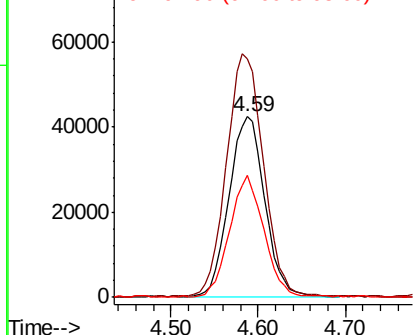
cis-1,2-Dichloroethene
Concen: 18.991 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	288.4
98	63.0	0.0	129.6



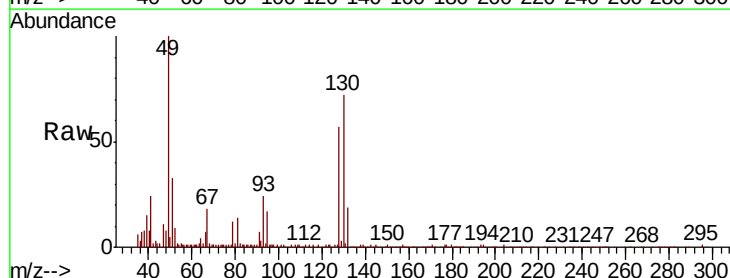
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



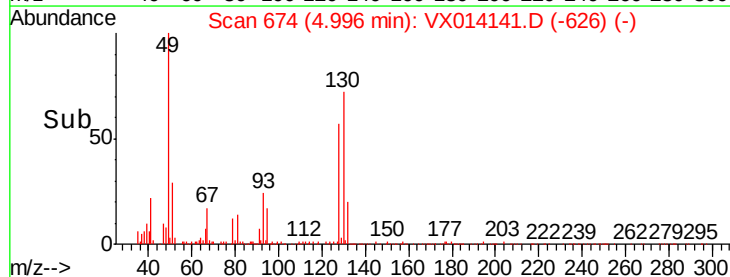
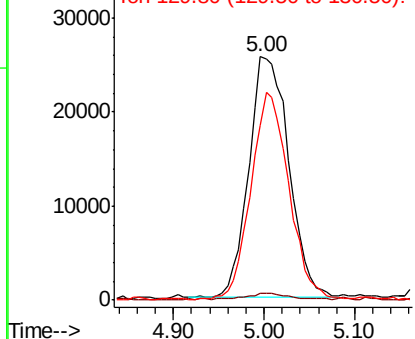
#28

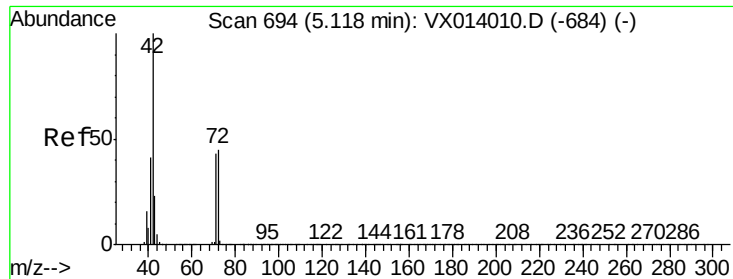
Bromochloromethane
Concen: 20.375 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	81.2	64.6	97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.685 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampled :

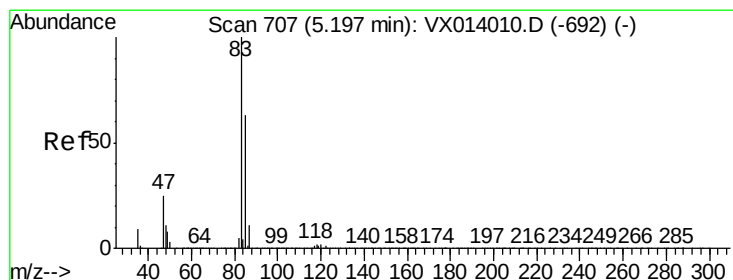
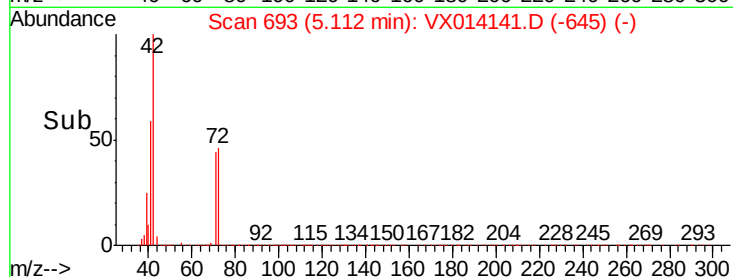
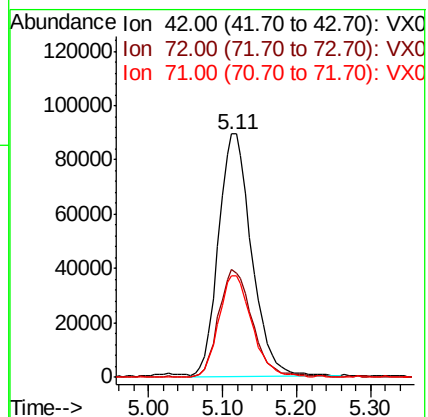
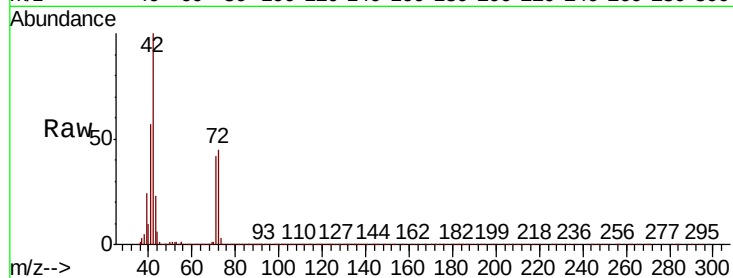
Tot Ion: 42 Resp: 275546

Ion Ratio Lower Upper

42 100

72 45.8 35.8 53.8

71 41.6 33.6 50.4



#30

Chloroform

Concen: 19.400 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014141.D

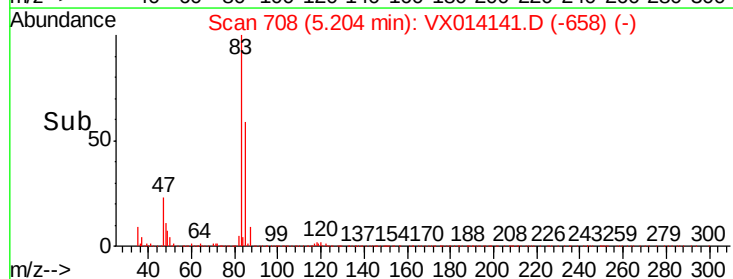
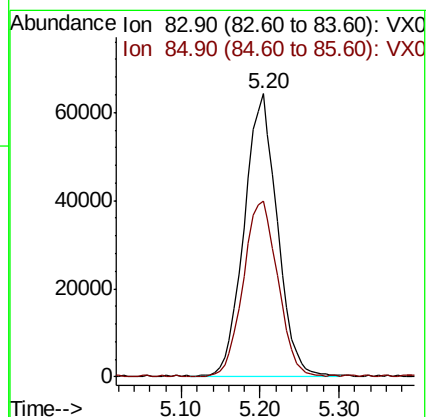
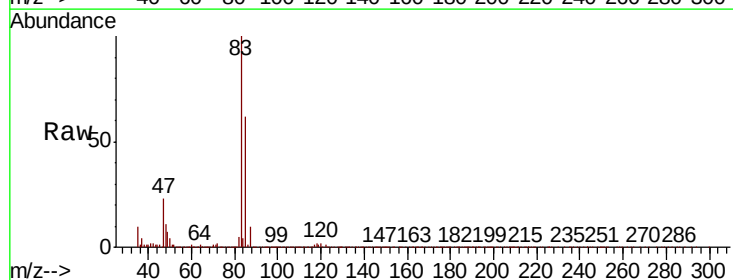
Acq: 20 Dec 2019 00:23

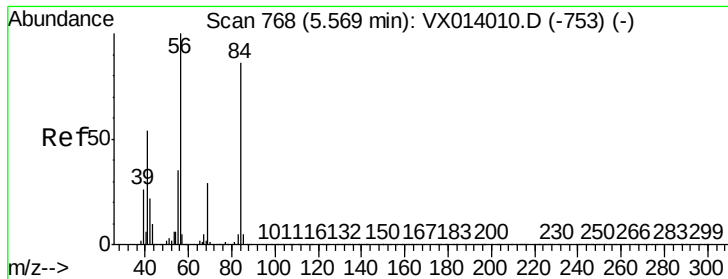
Tgt Ion: 83 Resp: 187027

Ion Ratio Lower Upper

83 100

85 61.8 50.8 76.2

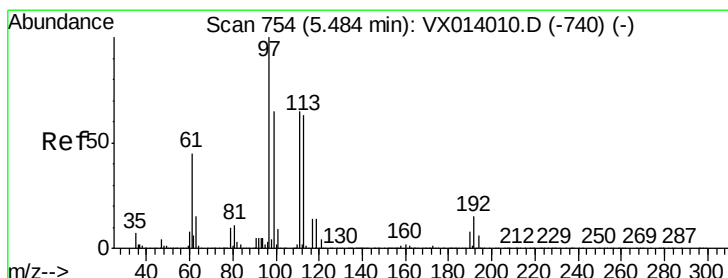
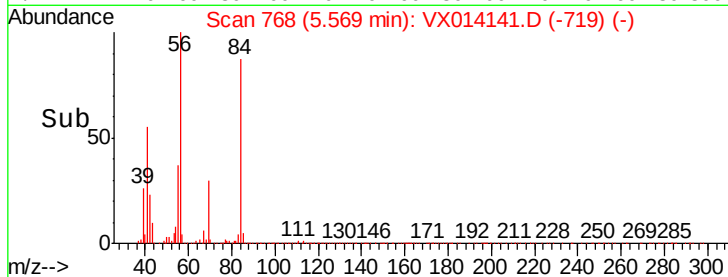
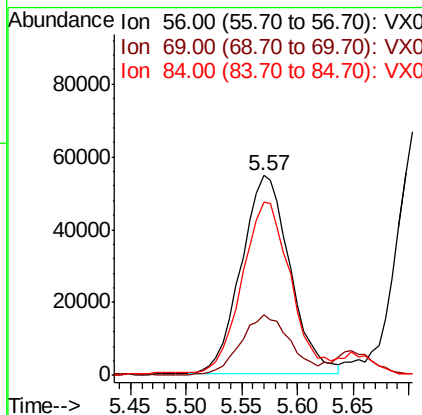
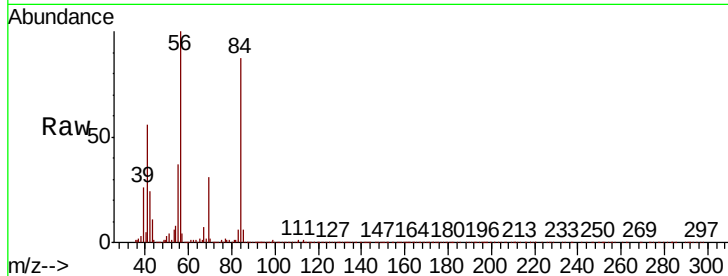




#31
Cyclohexane
Concen: 18.491 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

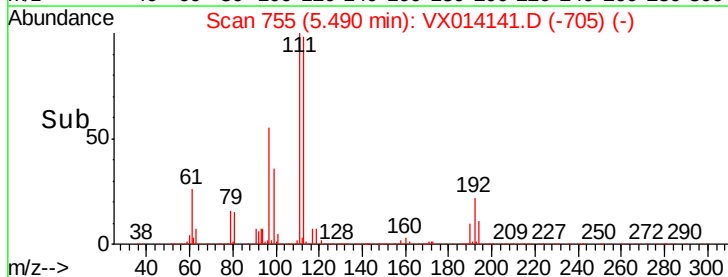
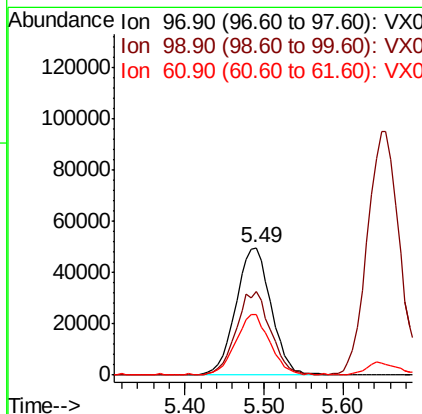
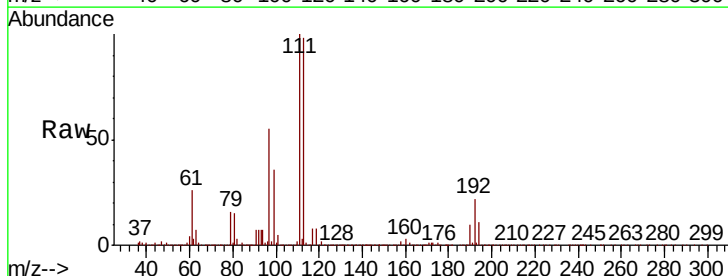
Instrument :
MSVOA_X
ClientSampleId :

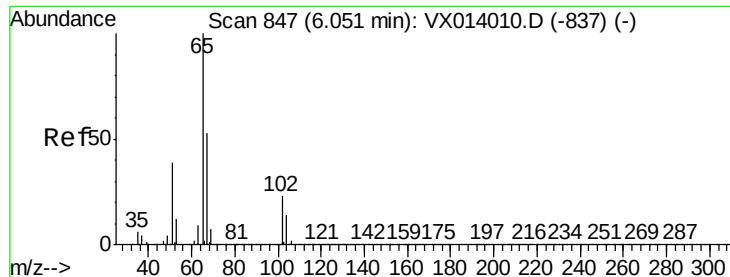
Tot Ion: 56 Resp: 167251
Ion Ratio Lower Upper
56 100
69 30.4 23.2 34.8
84 86.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.666 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 97 Resp: 153365
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.1 36.7 55.1

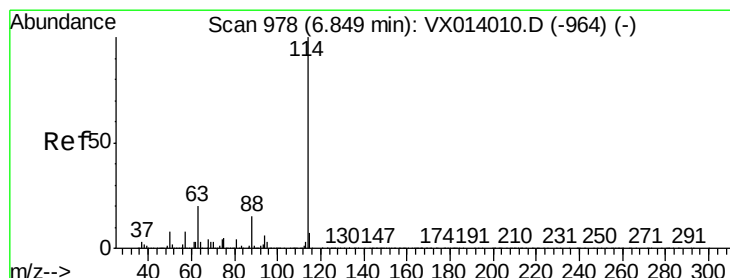
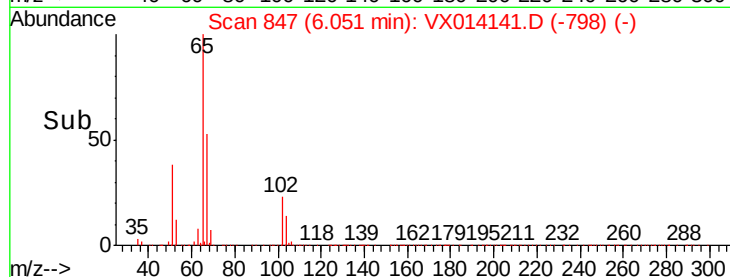
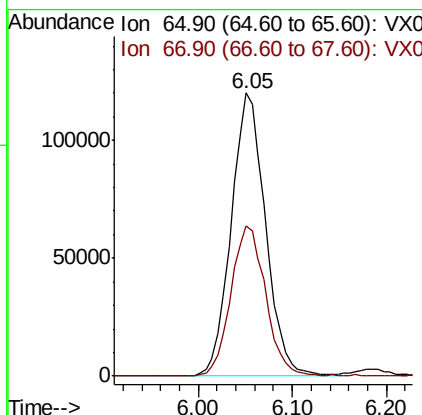
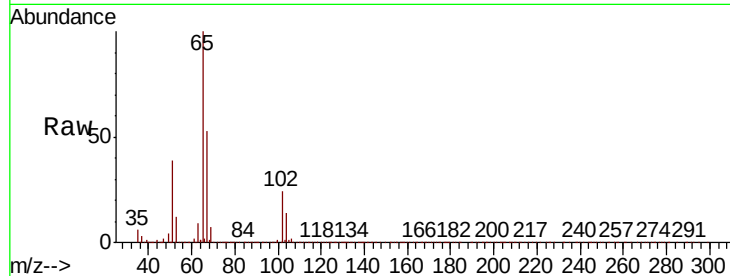




#33
 1,2-Dichloroethane-d4
 Concen: 50.189 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

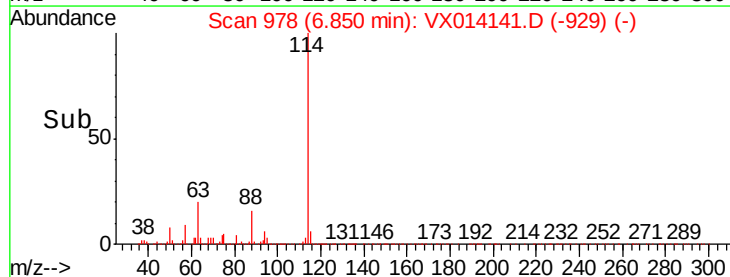
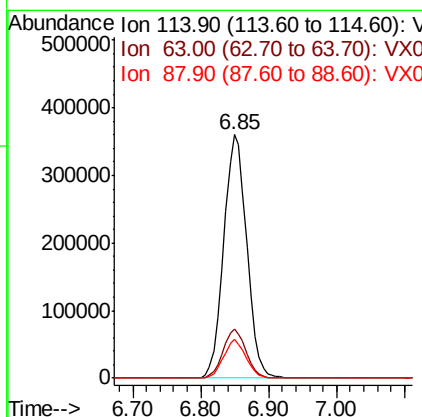
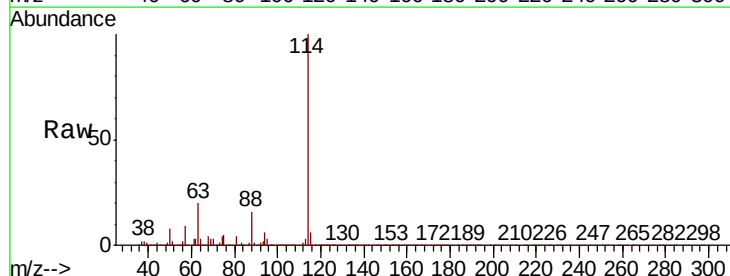
Instrument :
 MSVOA_X
 ClientSampled :

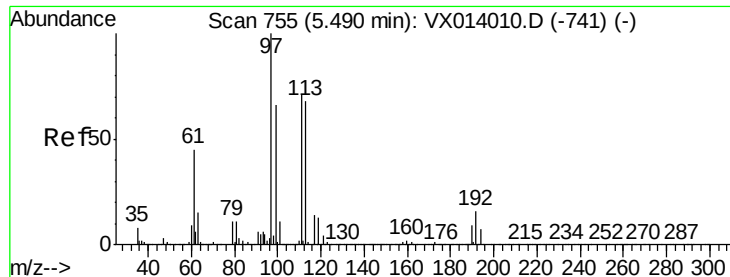
Tot Ion: 65 Resp: 303790
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 114 Resp: 845101
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 5.49 min Scan# 755

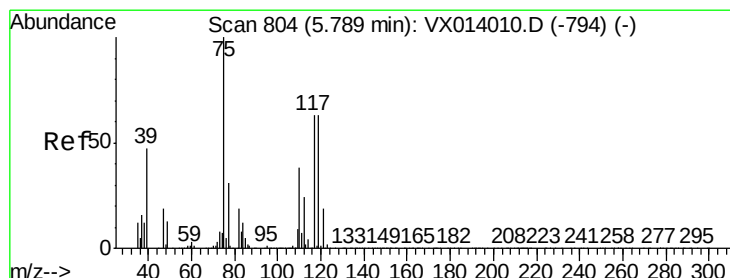
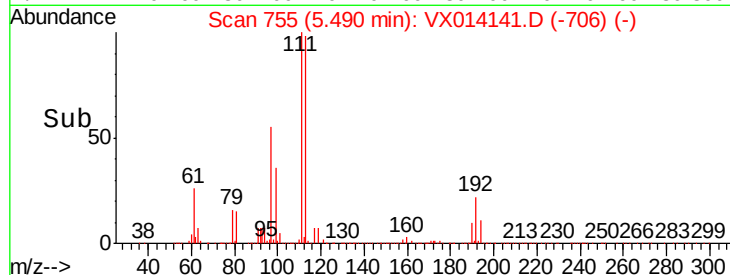
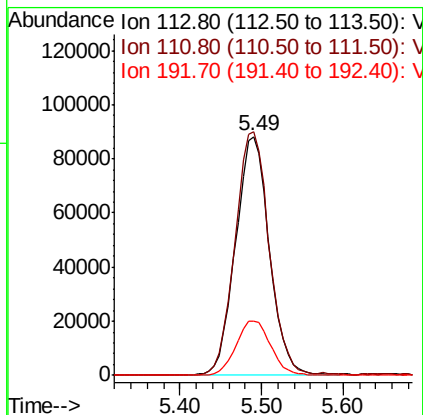
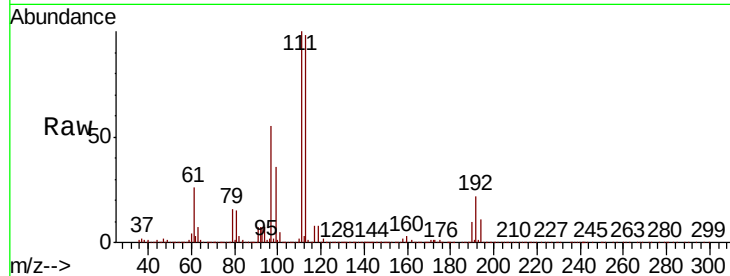
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	252847
Ion Ratio	Lower	Upper
113	100	
111	102.5	82.0 123.0
192	23.5	19.3 28.9



#36

1,1-Dichloropropene

Concen: 17.285 ug/l

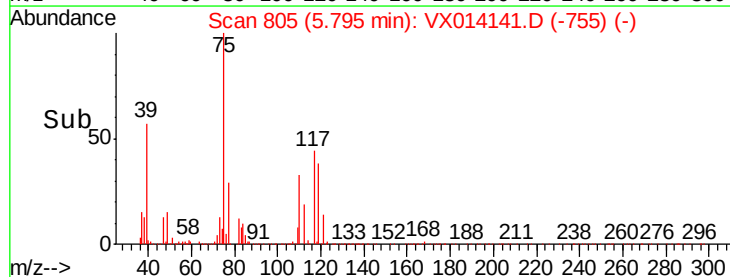
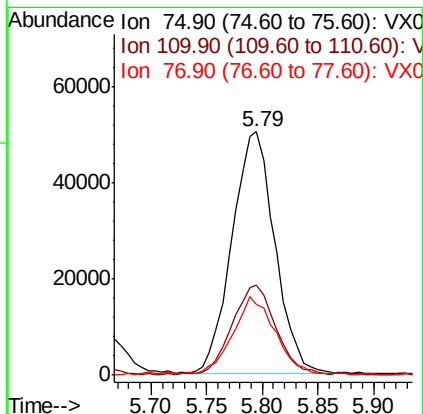
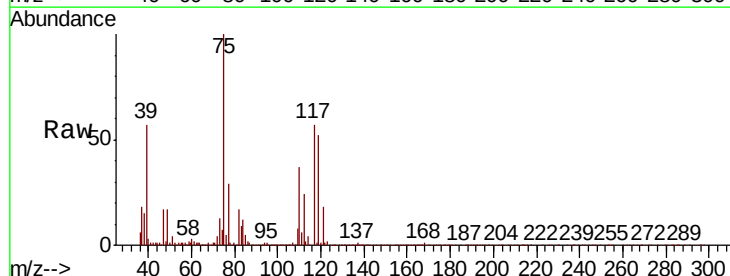
RT: 5.79 min Scan# 805

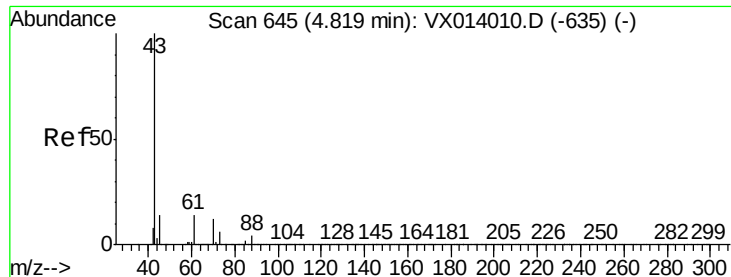
Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion: 75	Resp:	134036
Ion Ratio	Lower	Upper
75	100	
110	38.5	18.3 54.9
77	31.8	24.8 37.2

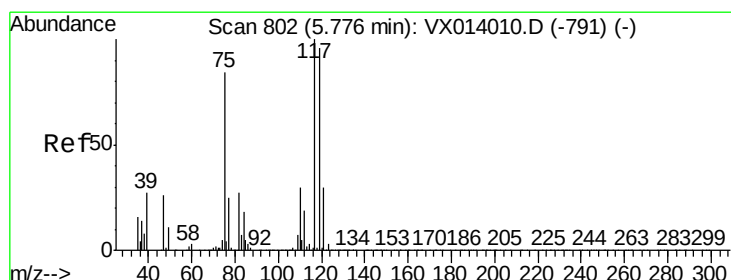
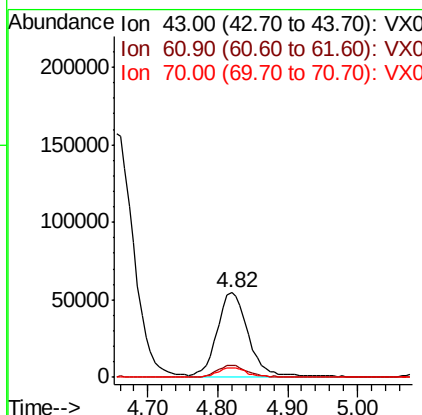
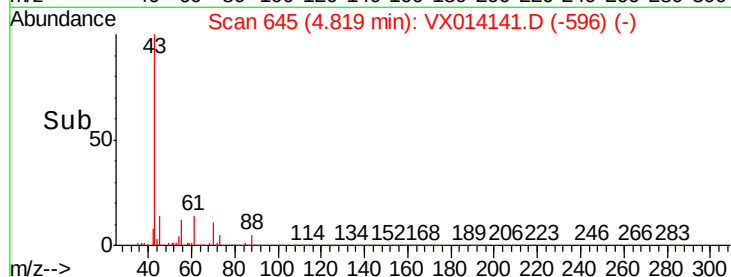
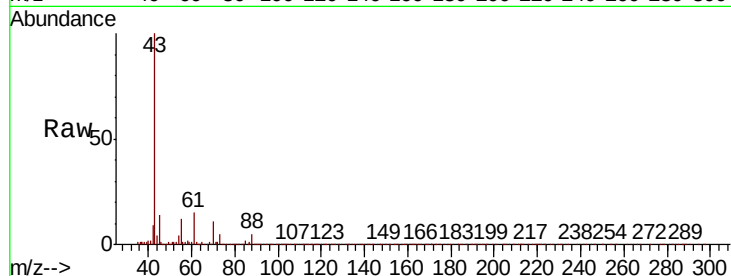




#37
Ethyl Acetate
Concen: 19.437 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

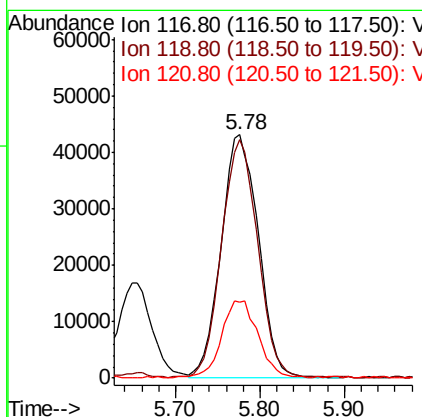
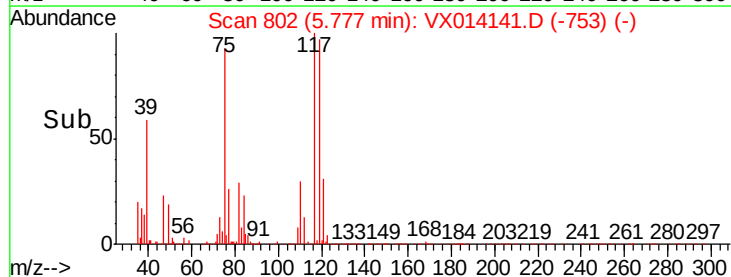
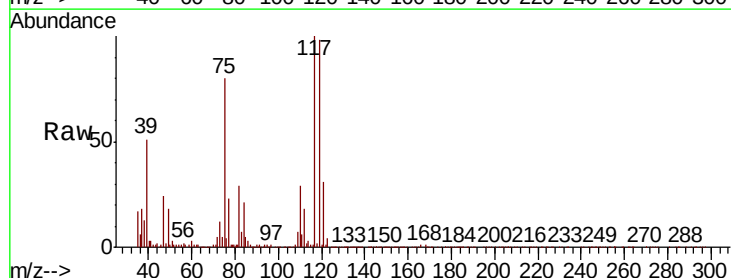
Instrument :
MSVOA_X
ClientSampleId :

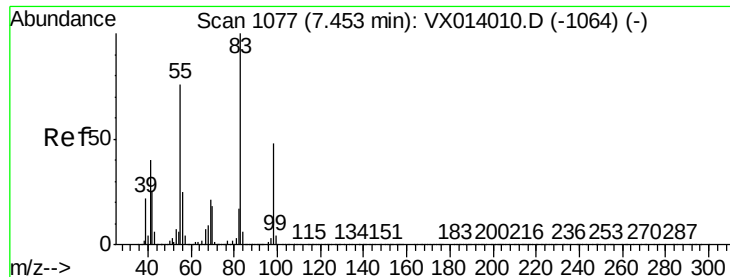
Tot Ion: 43 Resp: 166439
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 11.2 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.363 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 117 Resp: 129715
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4
121 30.6 23.6 35.4

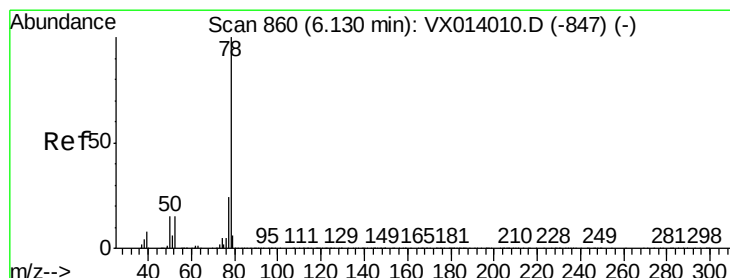
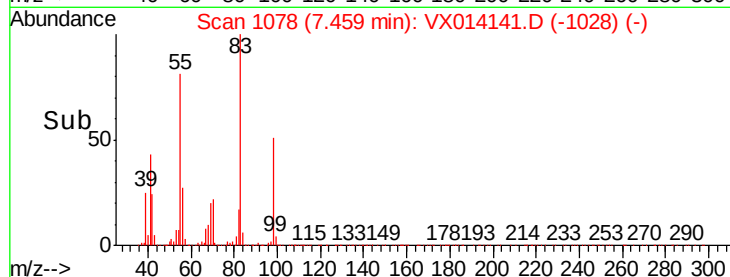
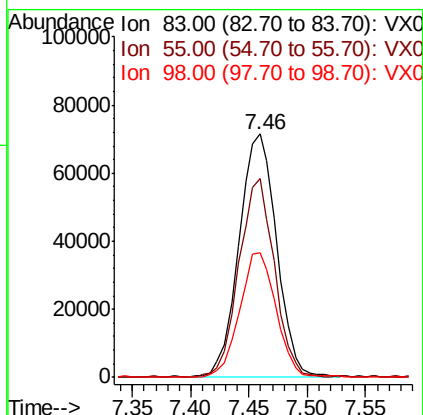
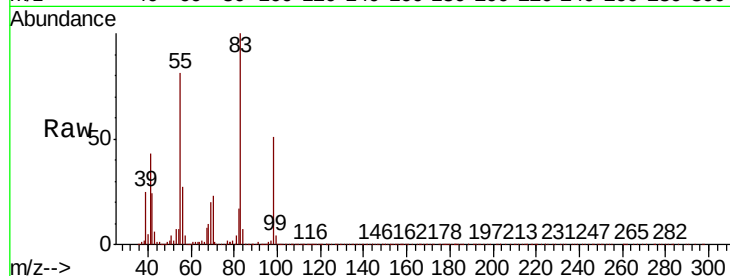




#39
Methylvlcyclohexane
Concen: 16.805 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

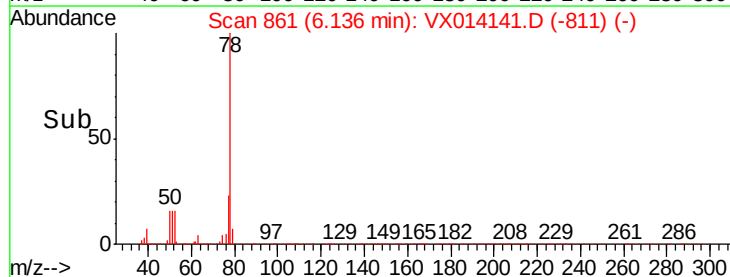
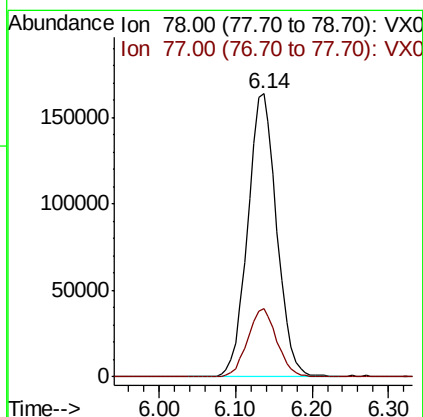
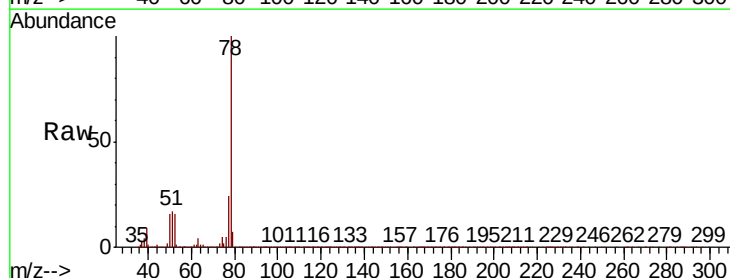
Instrument :
MSVOA_X
ClientSampleId :

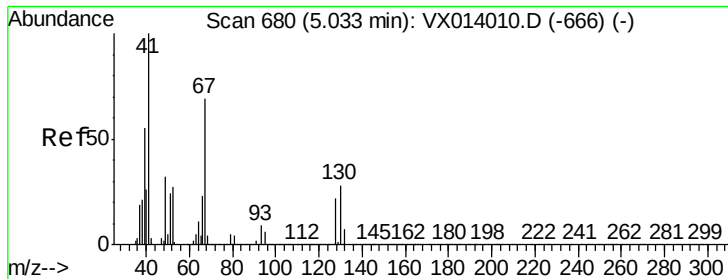
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	61.0	91.6
98	51.0	38.6	57.8



#40
Benzene
Concen: 18.121 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

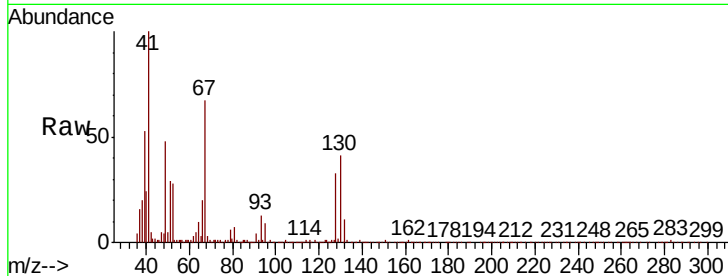




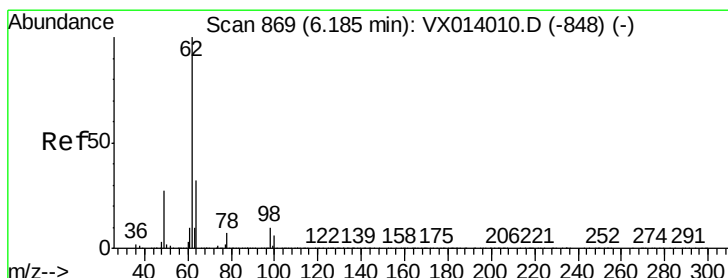
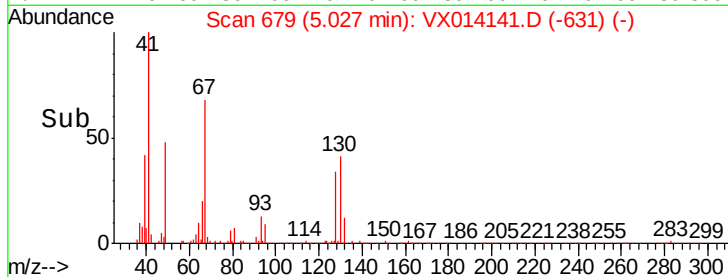
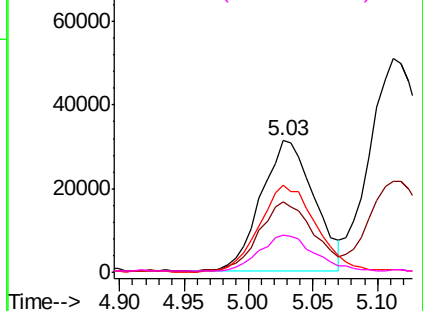
#41
Methacrylonitrile
Concen: 18.790 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	89272
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.5	66.7
67	71.6	57.4	86.0
52	28.4	23.0	34.4

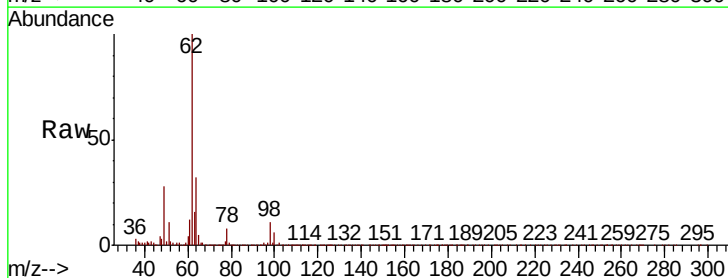


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

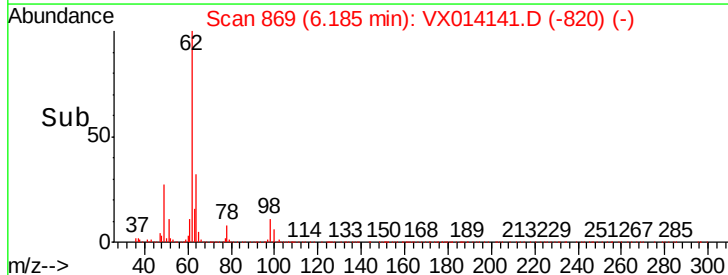
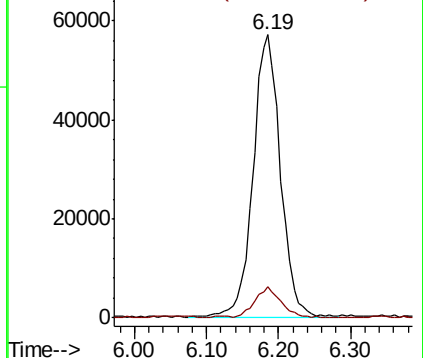


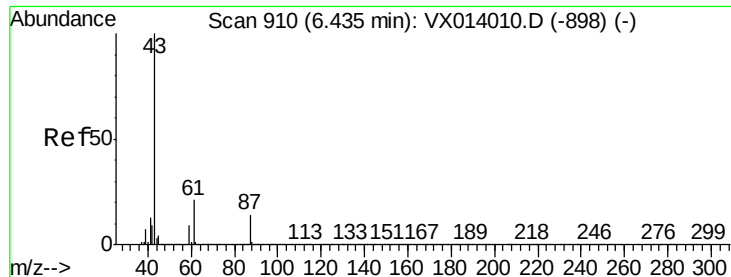
#42
1,2-Dichloroethane
Concen: 18.467 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion:	62	Resp:	149353
Ion	Ratio	Lower	Upper
62	100		
98	10.5	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: 18.797 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampled :

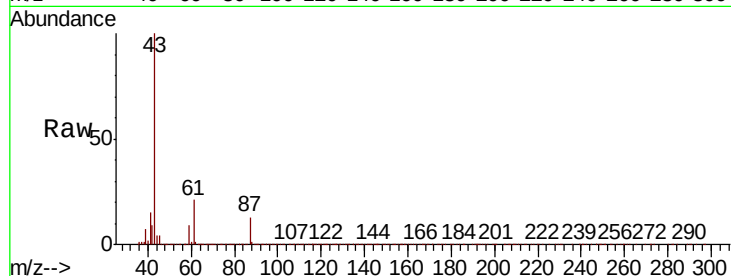
Tot Ion: 43 Resp: 266373

Ion Ratio Lower Upper

43 100

61 21.1 16.4 24.6

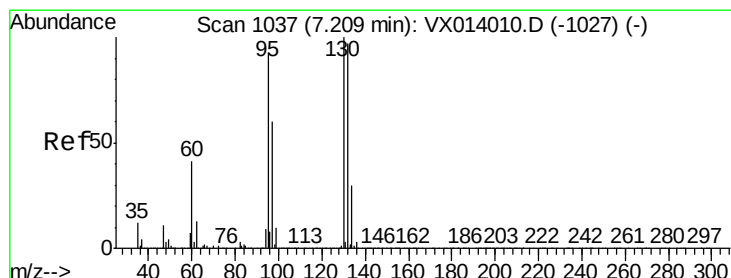
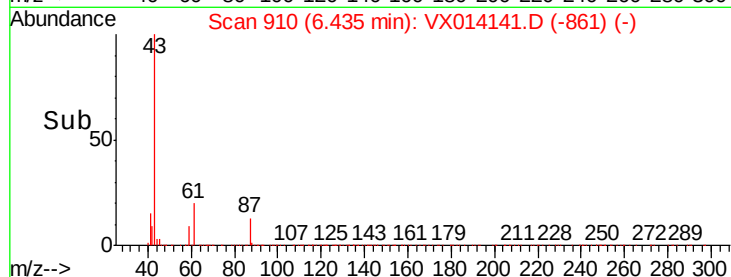
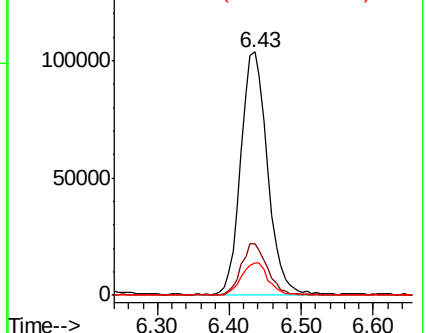
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.543 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014141.D

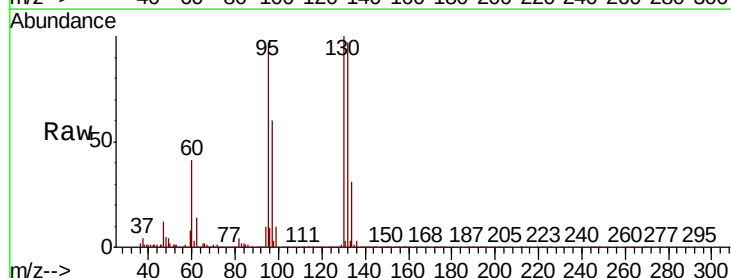
Acq: 20 Dec 2019 00:23

Tgt Ion:130 Resp: 115607

Ion Ratio Lower Upper

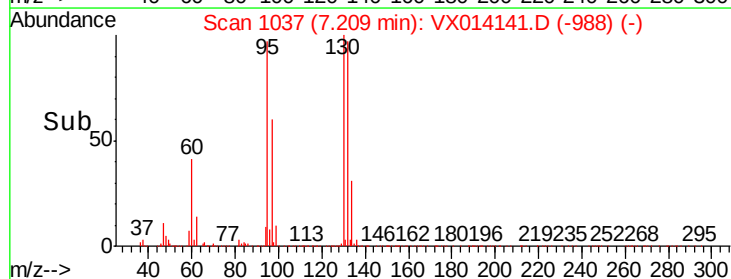
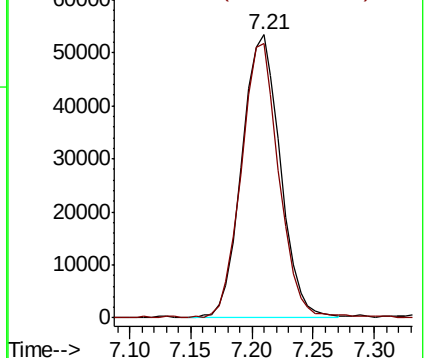
130 100

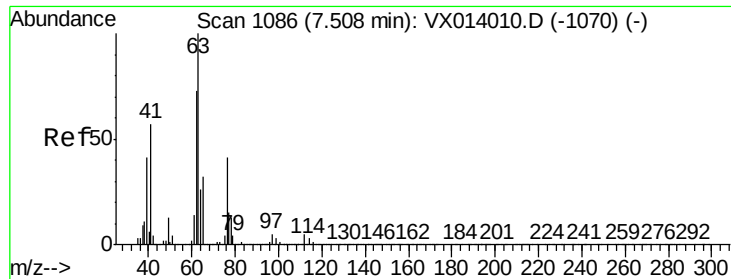
95 96.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

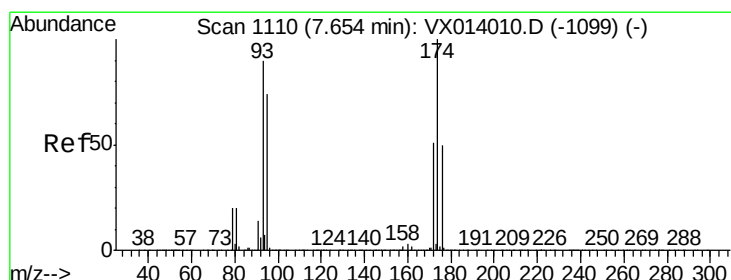
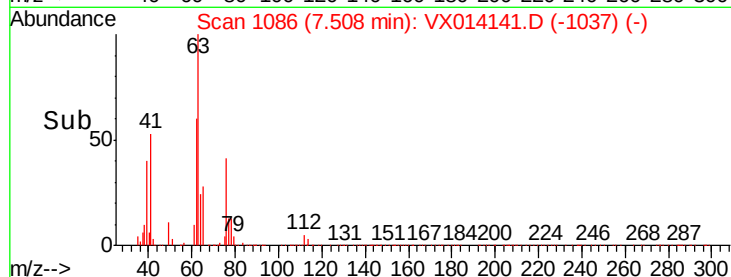
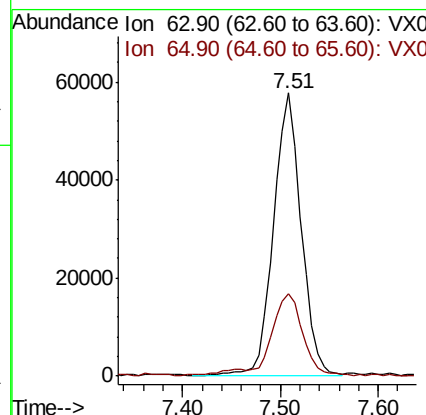
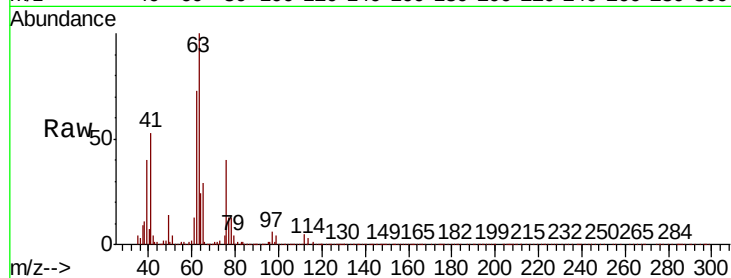




#45
 1,2-Dichloropropane
 Concen: 18.458 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

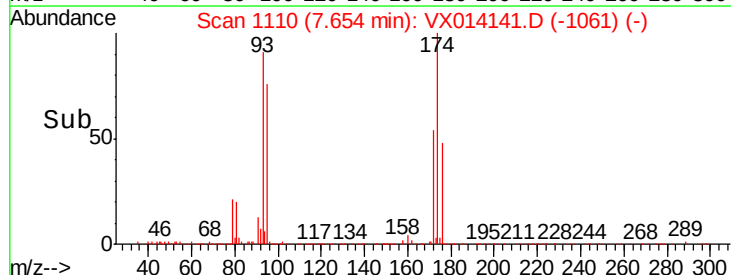
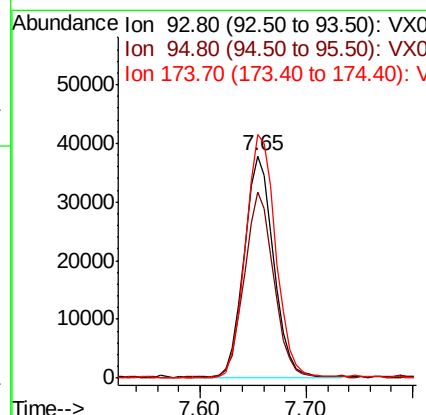
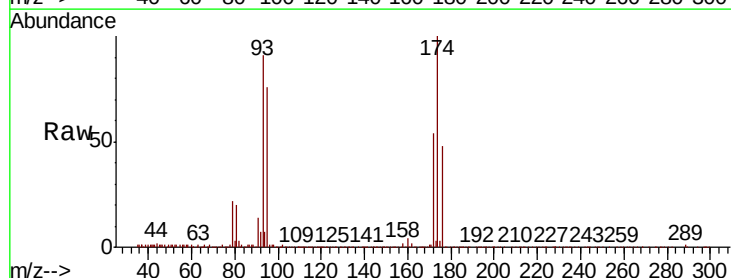
Instrument :
 MSVOA_X
 ClientSampled :

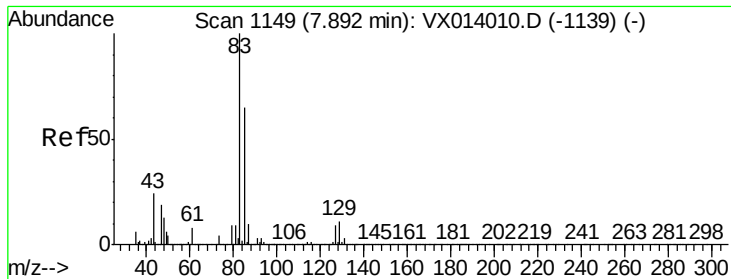
Tot Ion: 63 Resp: 112873
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.8 38.8



#46
 Dibromomethane
 Concen: 18.231 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 93 Resp: 73709
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.3 100.9
 174 112.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.429 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

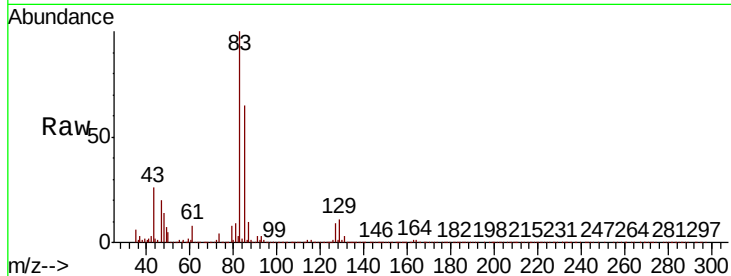
Tot Ion: 83 Resp: 140333

Ion Ratio Lower Upper

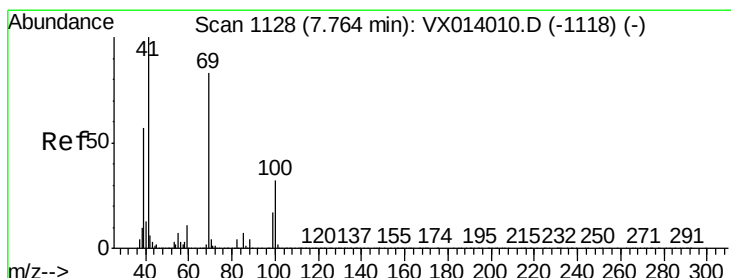
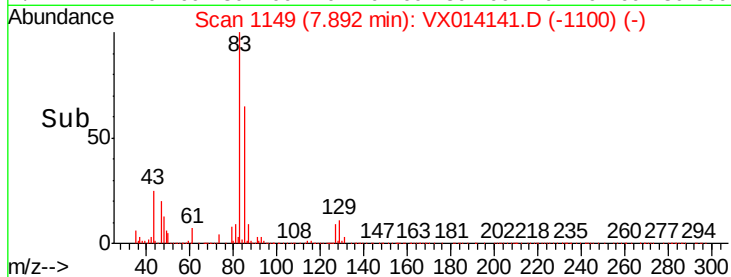
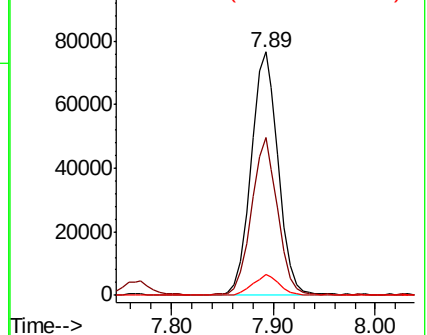
83 100

85 65.0 51.8 77.8

127 8.6 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: 18.571 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

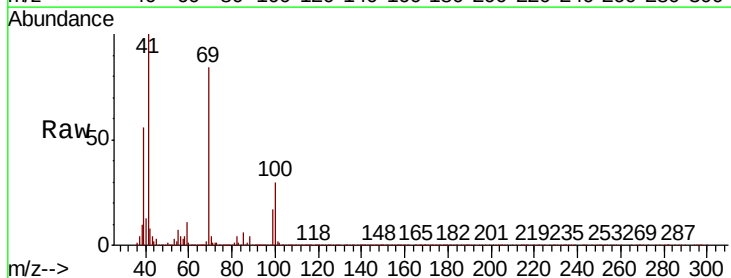
Tgt Ion: 41 Resp: 128868

Ion Ratio Lower Upper

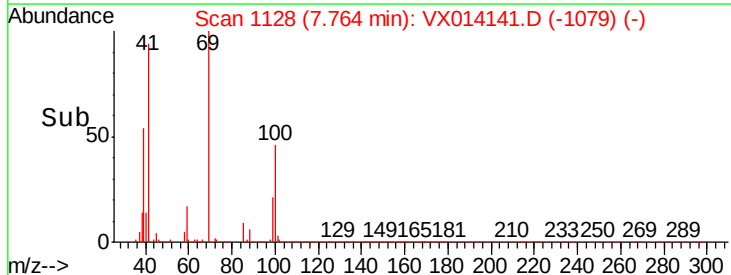
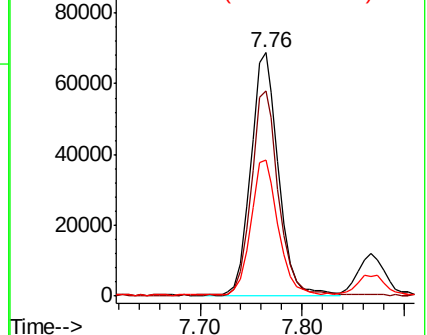
41 100

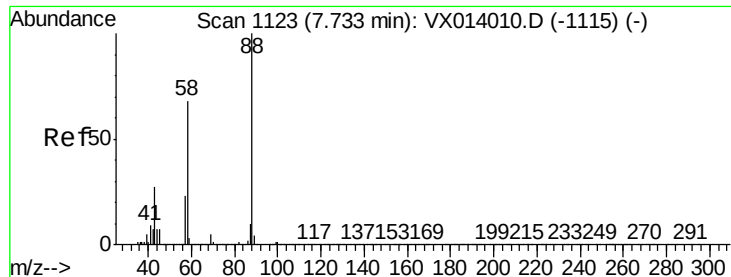
69 84.0 65.8 98.6

39 54.5 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: 384.384 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

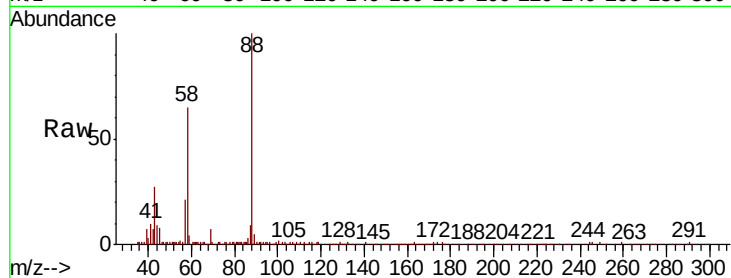
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 54281

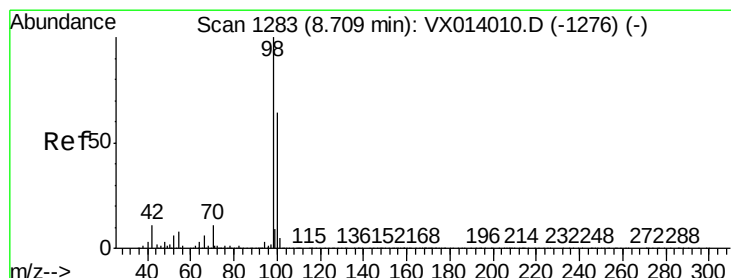
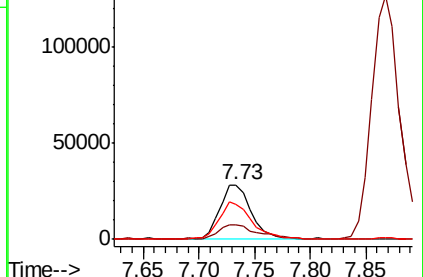
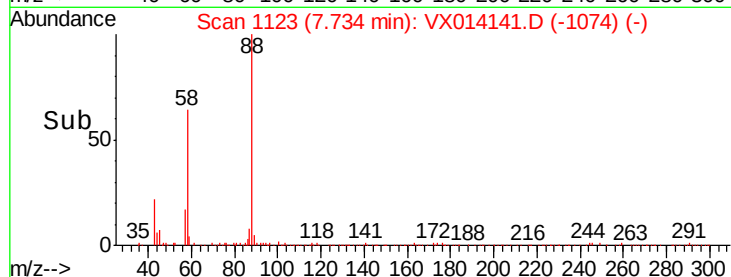
Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.5	39.7
58	74.4	56.8	85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.868 ug/l

RT: 8.71 min Scan# 1283

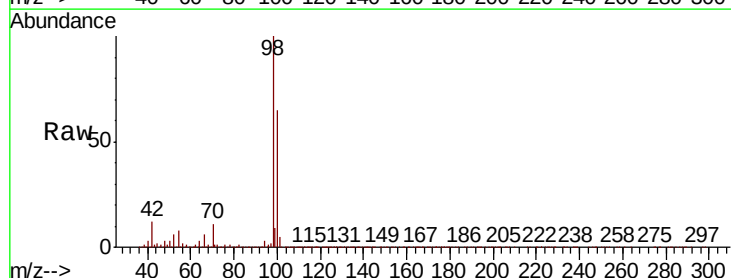
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

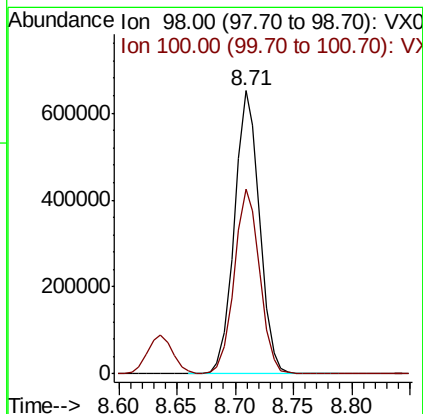
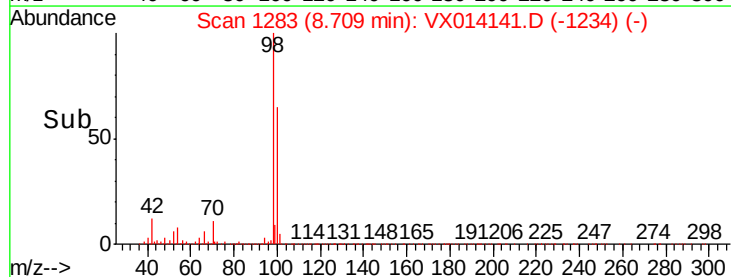
Tgt Ion: 98 Resp: 977387

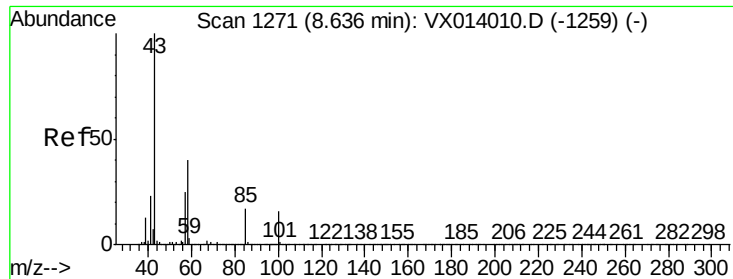
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

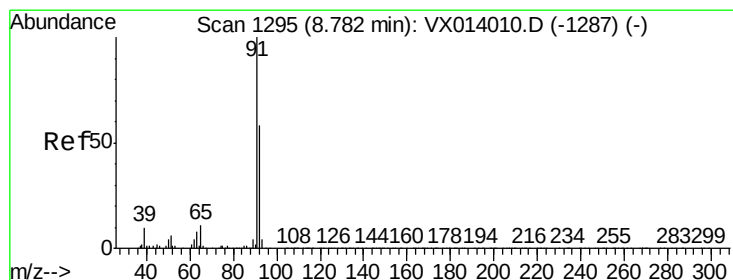
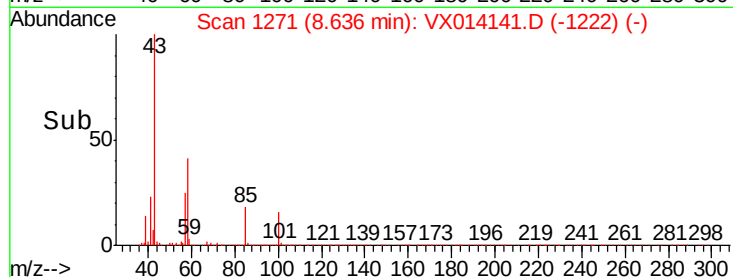
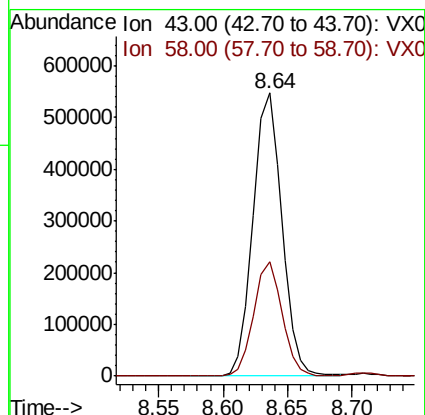
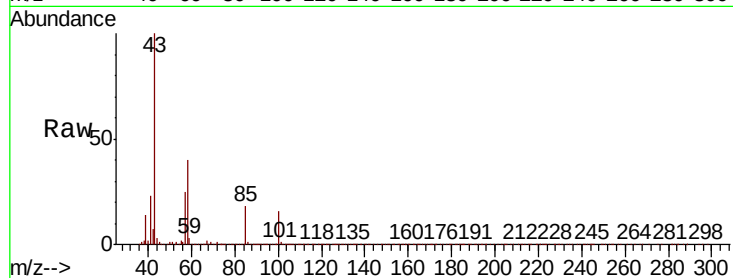




#51
 4-Methyl-2-Pentanone
 Concen: 94.943 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

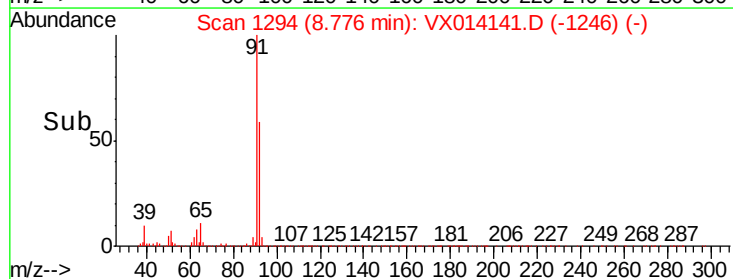
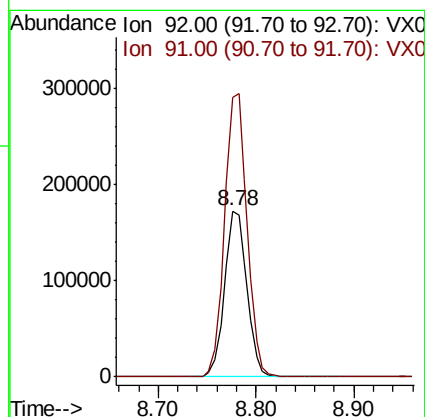
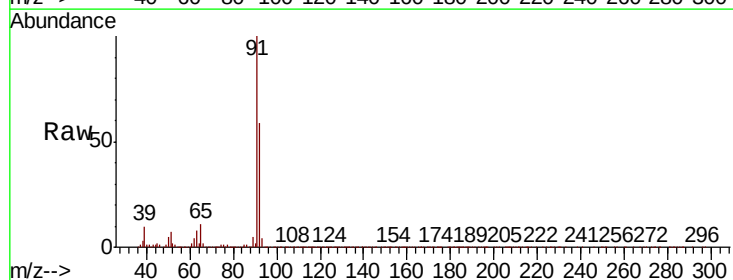
Instrument :
 MSVOA_X
 ClientSampleId :

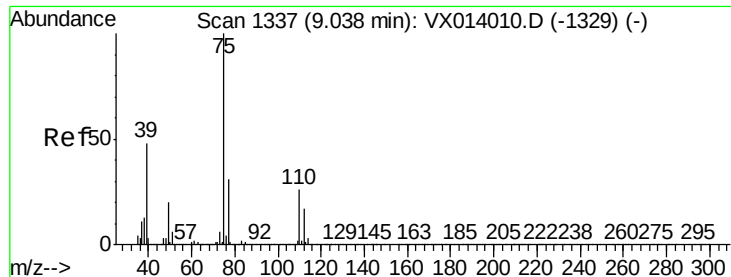
Tot Ion: 43 Resp: 844972
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 18.054 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 92 Resp: 272268
 Ion Ratio Lower Upper
 92 100
 91 172.5 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 17.290 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

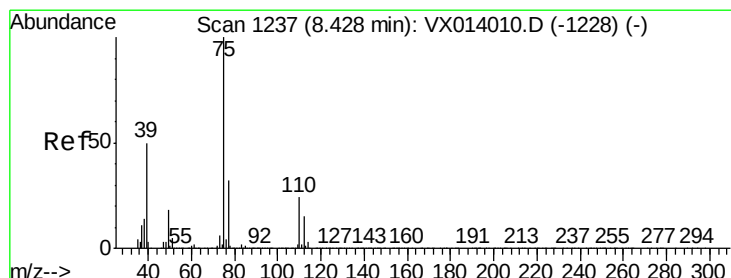
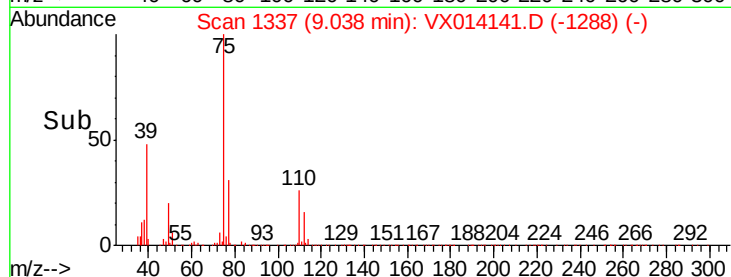
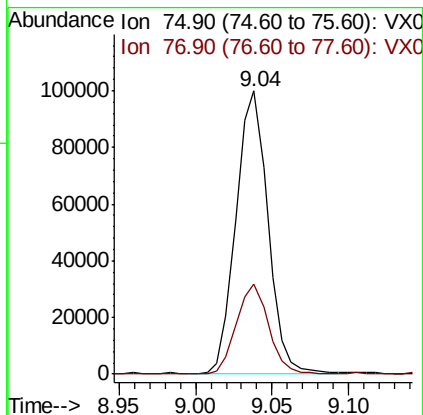
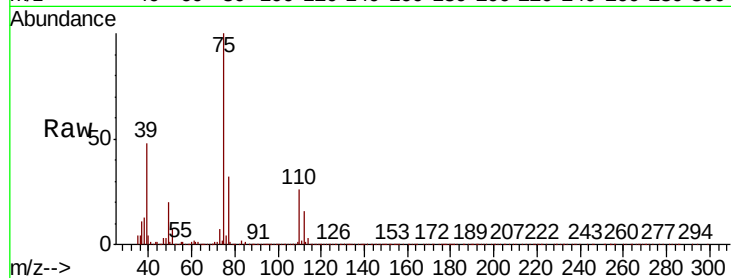
ClientSampleId :

Tot Ion: 75 Resp: 144365

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.179 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

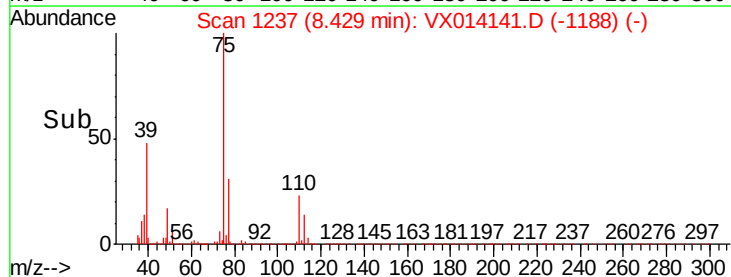
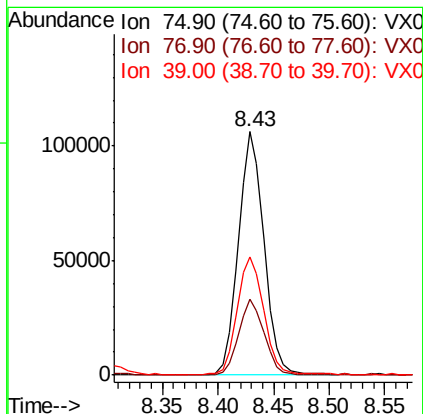
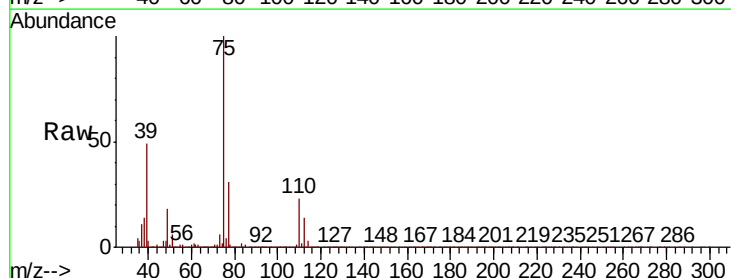
Tgt Ion: 75 Resp: 169096

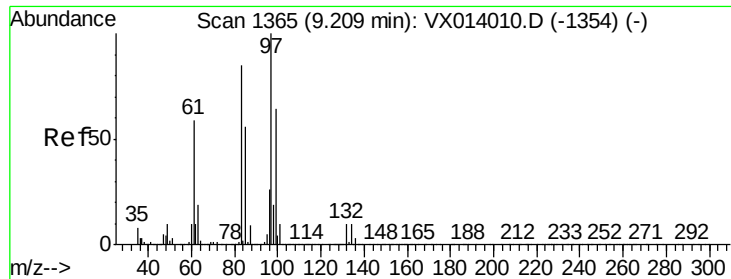
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 48.4 39.9 59.9

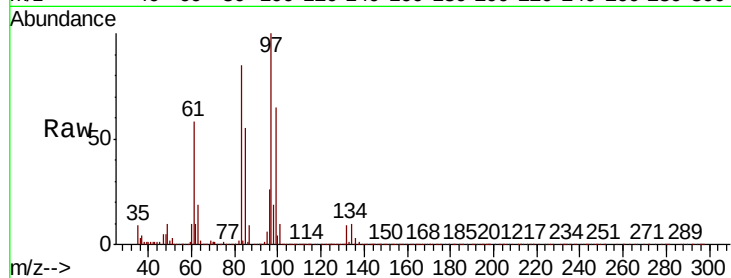




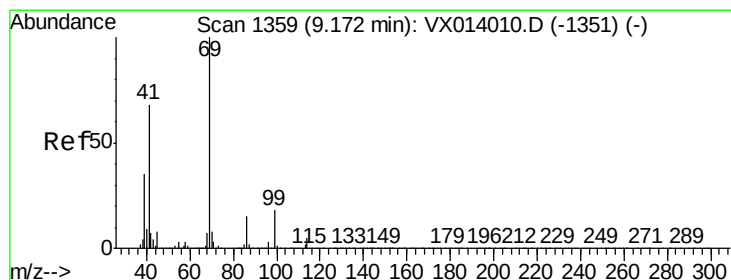
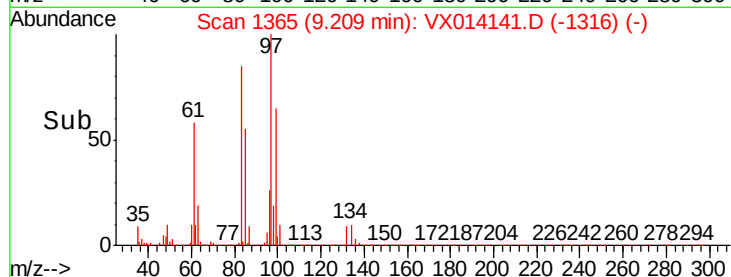
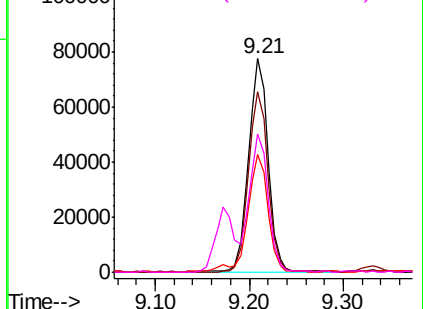
#55
 1,1,2-Trichloroethane
 Concen: 18.669 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	112838
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.4
85	54.7	44.6	66.8
99	64.6	51.4	77.0

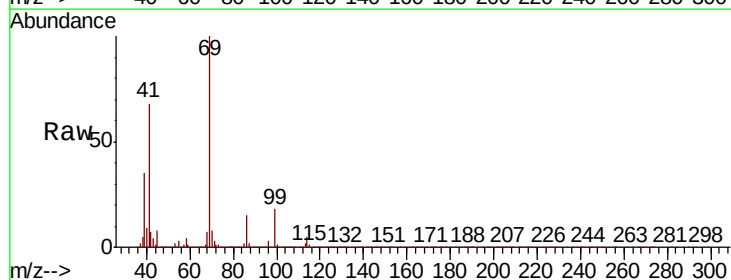


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

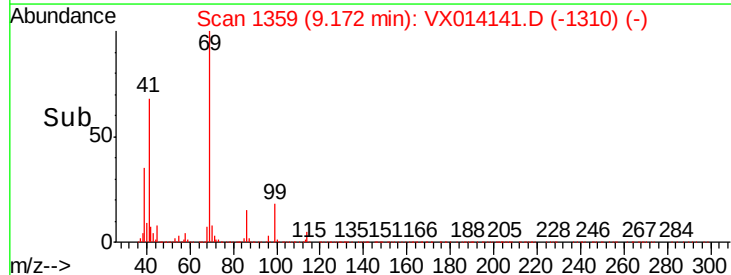
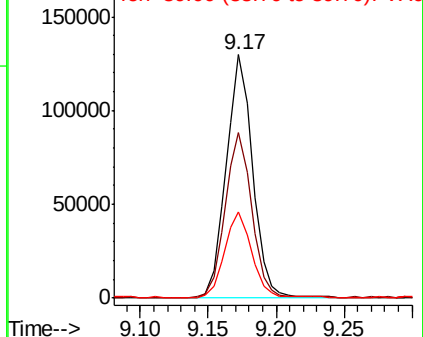


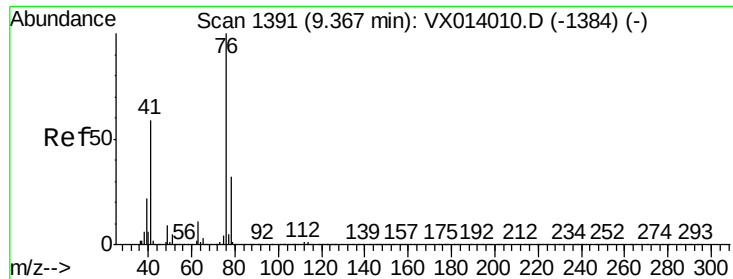
#56
 Ethyl methacrylate
 Concen: 18.448 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion:	69	Resp:	175149
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	36.2	28.3	42.5



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

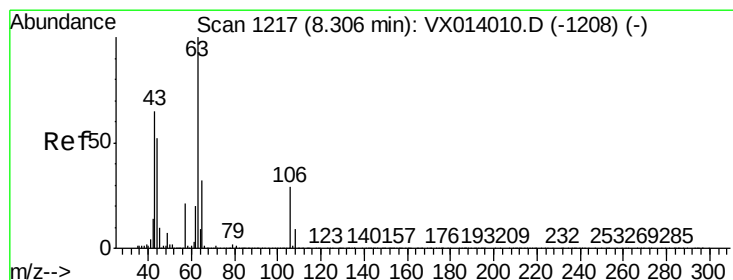
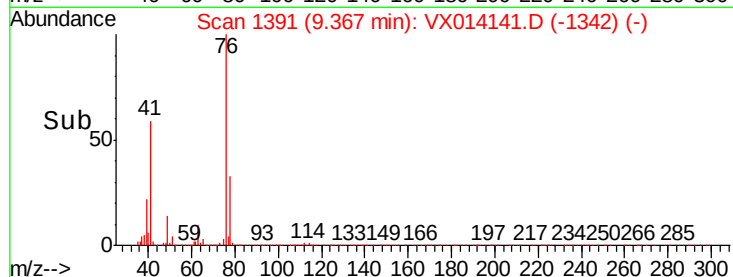
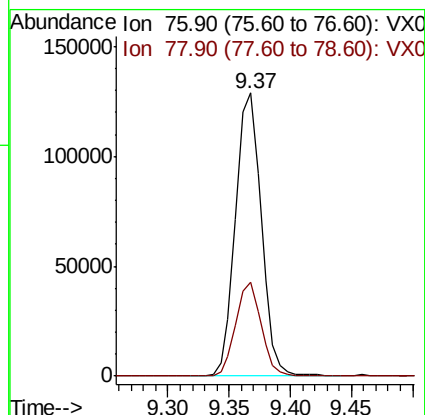
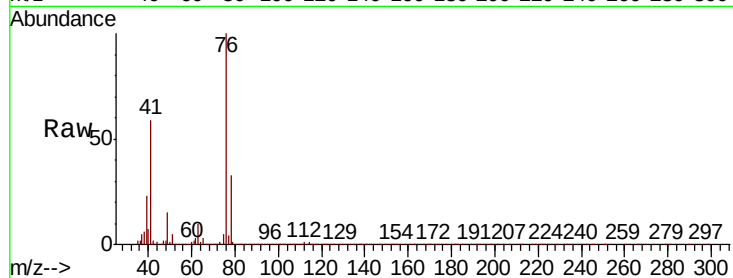




#57
 1,3-Dichloropropane
 Concen: 18.394 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

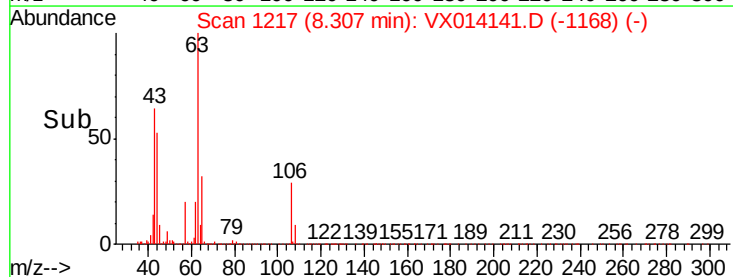
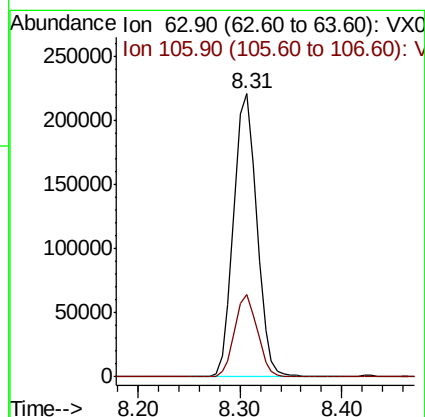
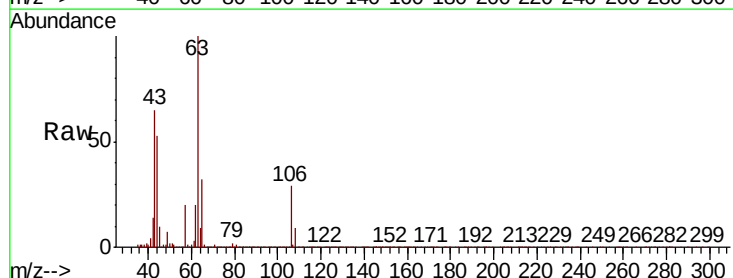
Instrument :
 MSVOA_X
 ClientSampled :

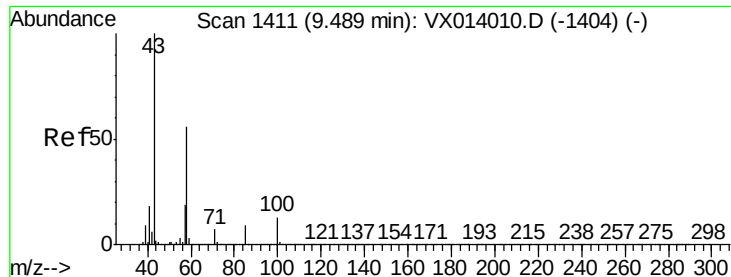
Tot Ion: 76 Resp: 187056
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.129 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 63 Resp: 345391
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6

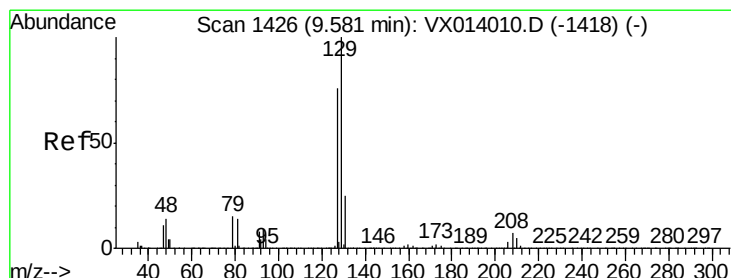
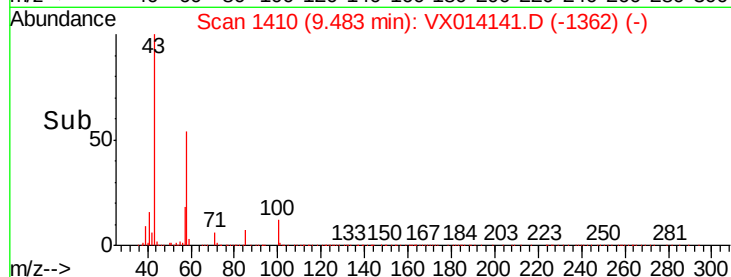
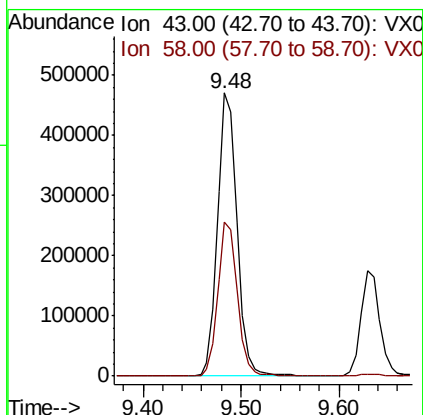
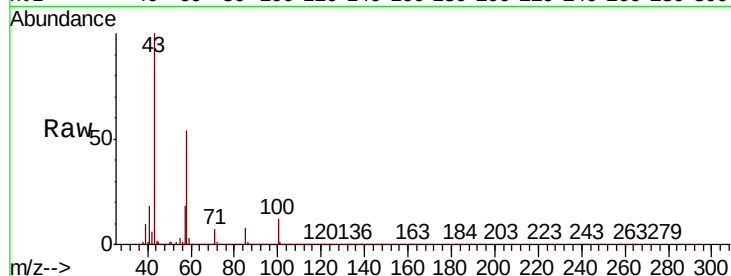




#59
2-Hexanone
Concen: 90.933 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

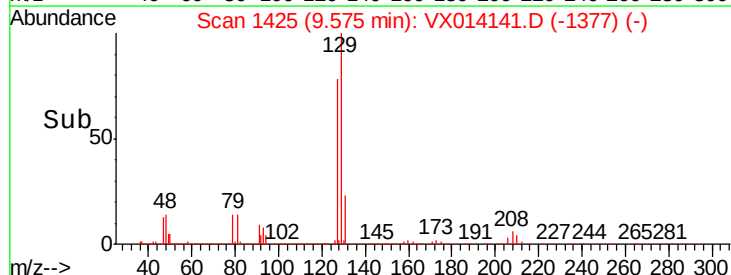
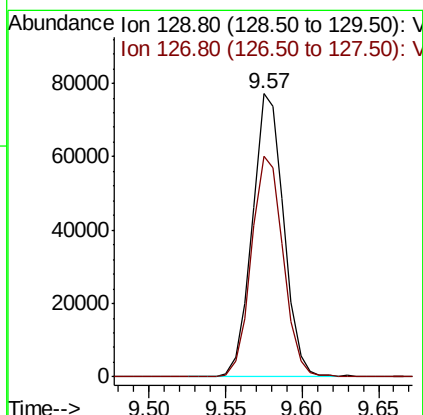
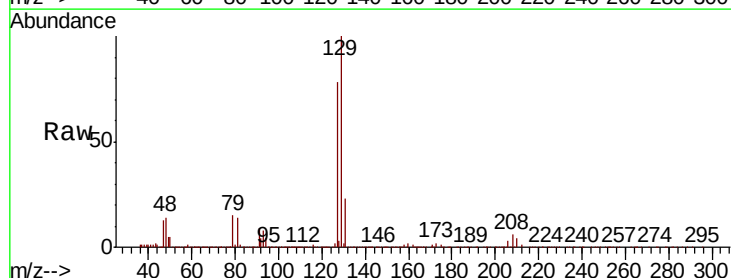
Instrument :
MSVOA_X
ClientSampled :

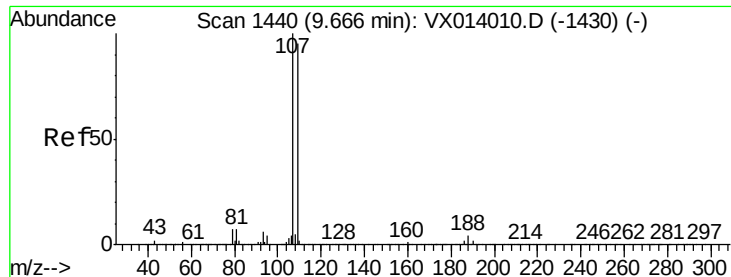
Tot Ion: 43 Resp: 651474
Ion Ratio Lower Upper
43 100
58 54.4 28.0 84.0



#60
Dibromochloromethane
Concen: 18.246 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 129 Resp: 109620
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.695 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

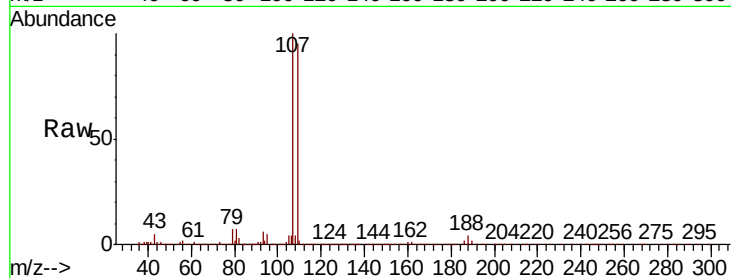
ClientSampleId :

Tot Ion:107 Resp: 115610

Ion Ratio Lower Upper

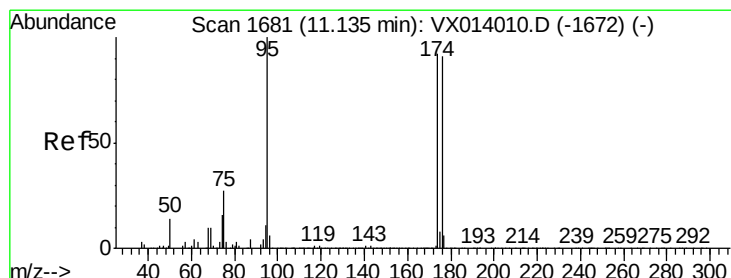
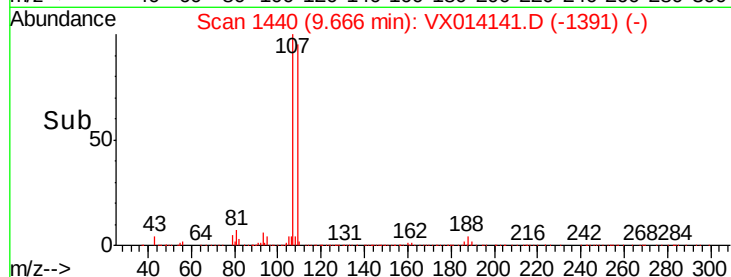
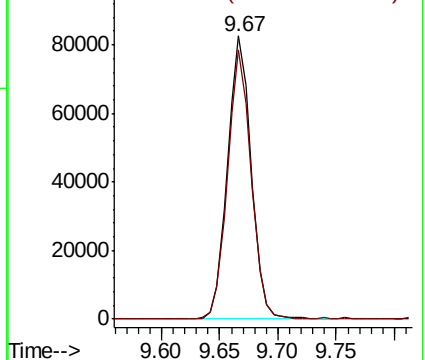
107 100

109 95.5 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: 46.761 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

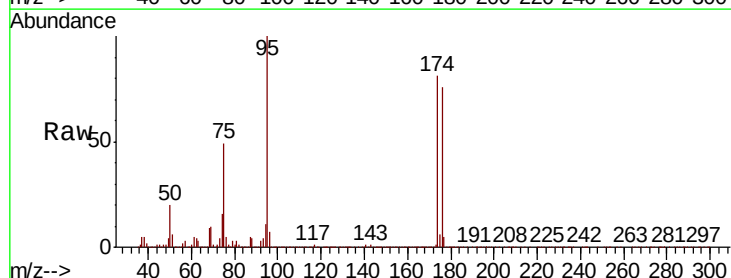
Tgt Ion: 95 Resp: 341879

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

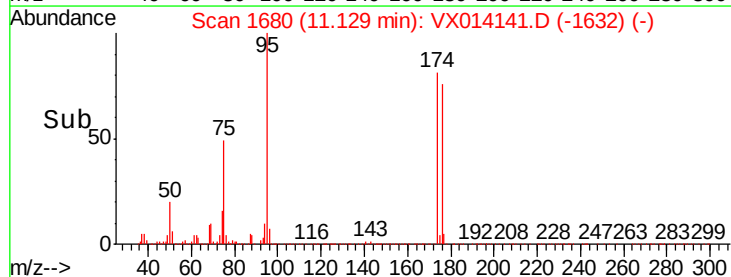
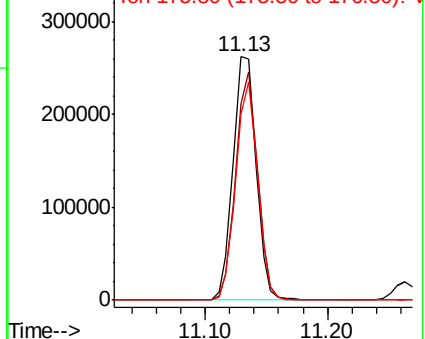
176 85.0 0.0 173.0

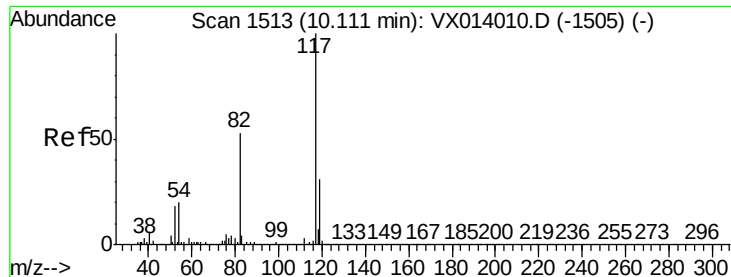


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

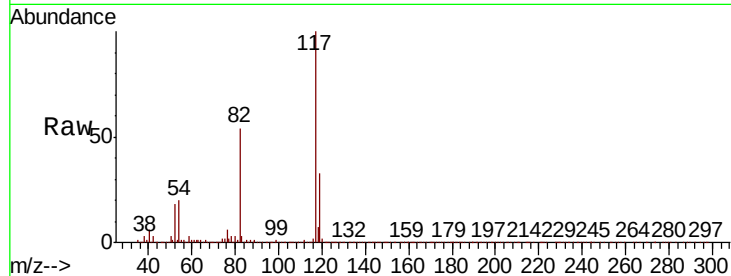




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	33.3	25.1	37.7

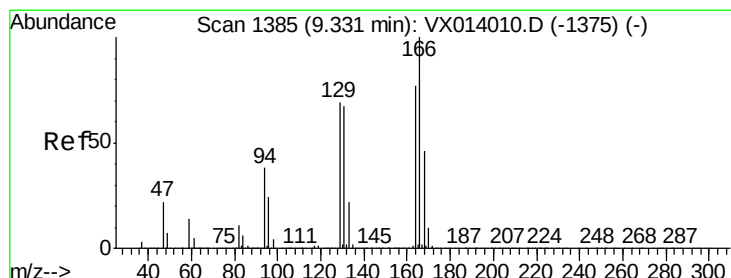
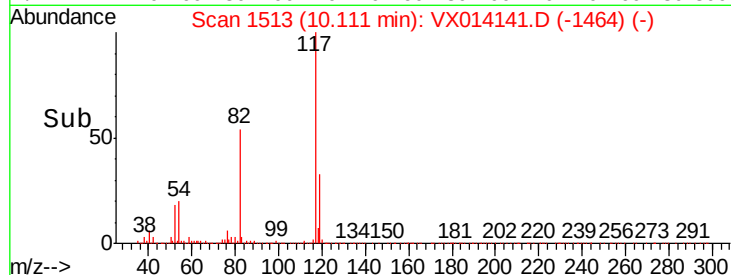
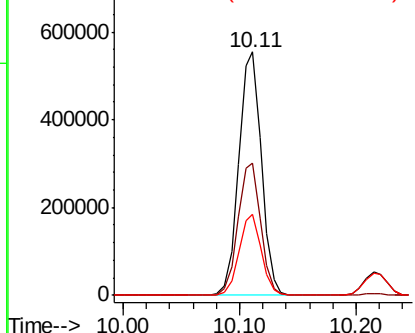


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.358 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	104.0	156.0
129	90.8	72.2	108.4
131	87.3	69.6	104.4

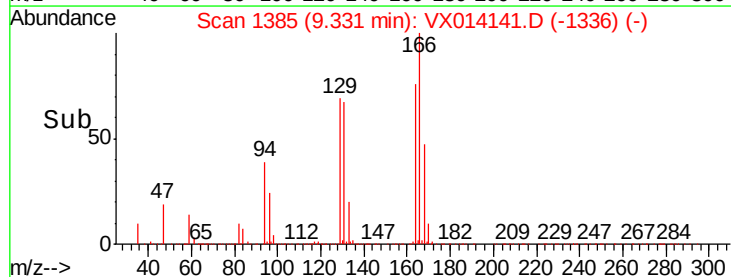
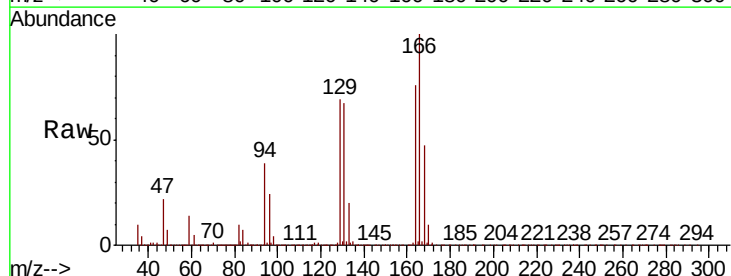
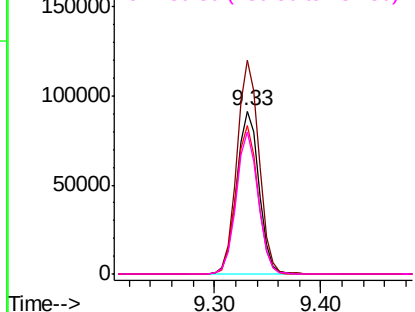
Abundance

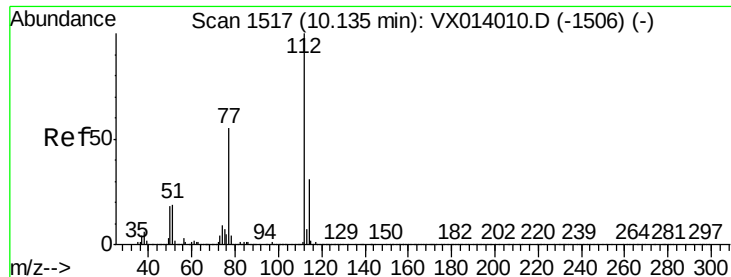
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.131 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

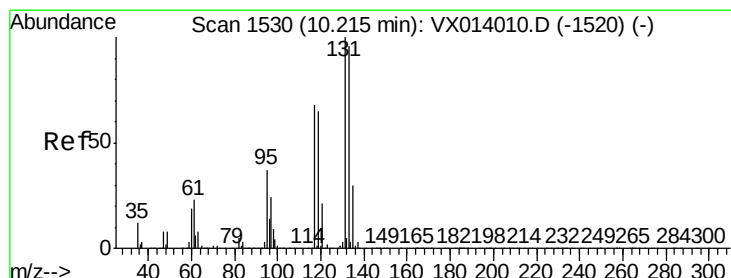
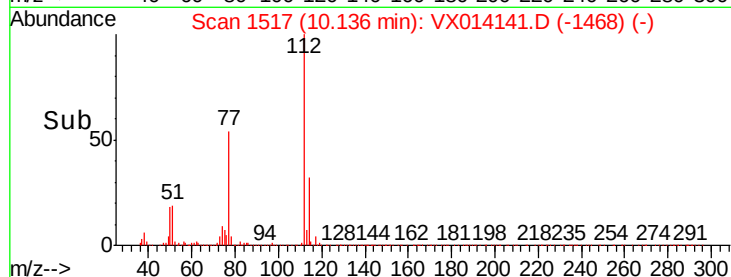
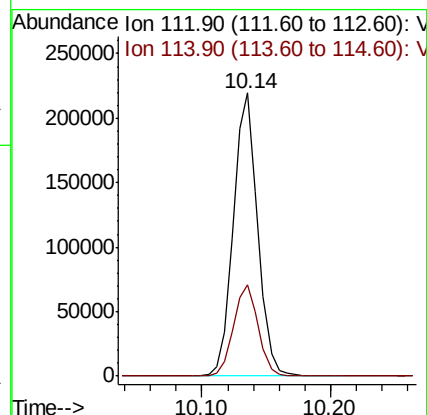
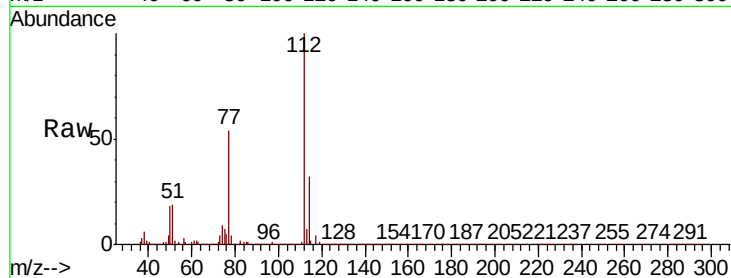
ClientSampleId :

Tot Ion:112 Resp: 289542

Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.234 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

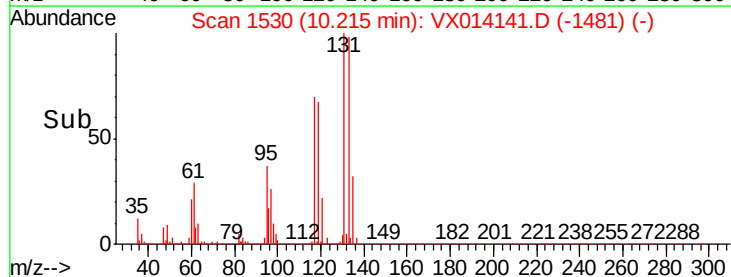
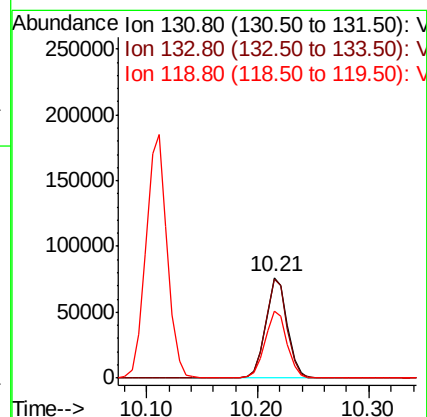
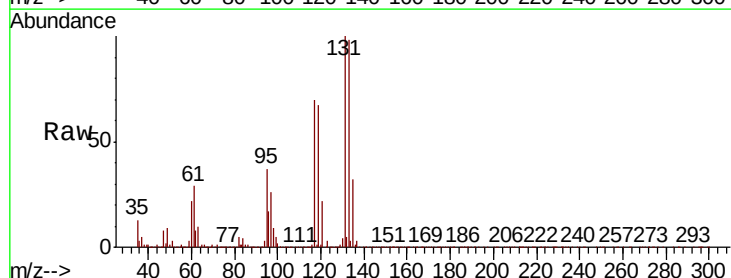
Tgt Ion:131 Resp: 103968

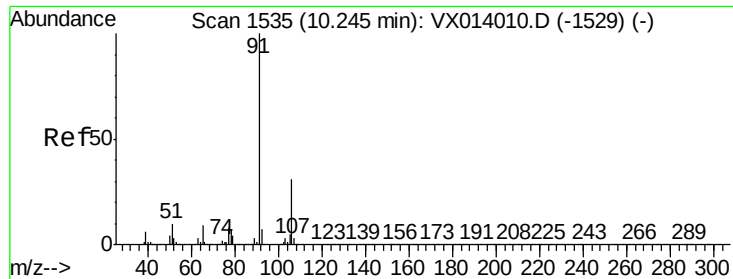
Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.0

119 67.2 33.4 100.2





#67

Ethyl Benzene

Concen: 18.222 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

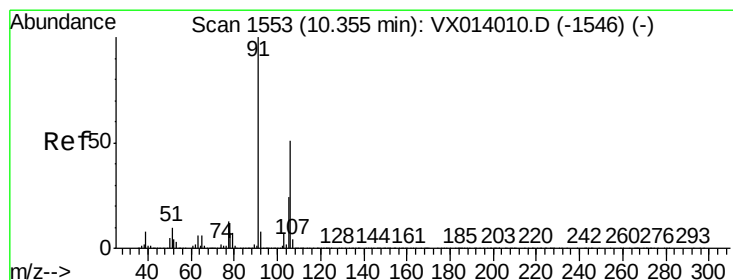
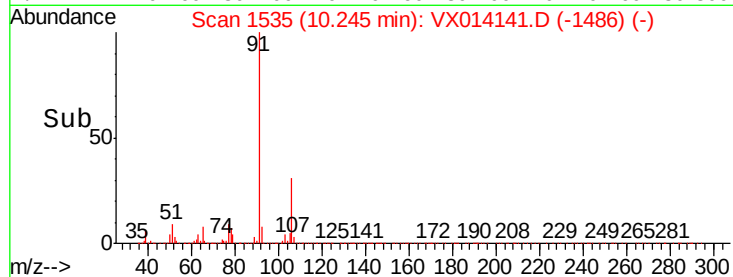
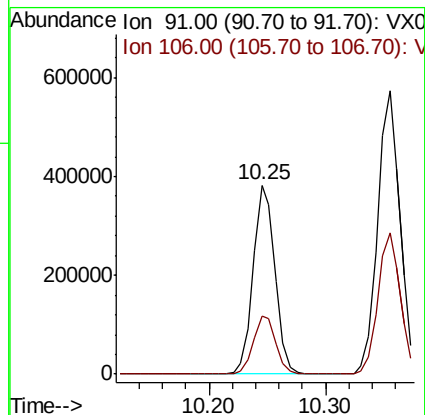
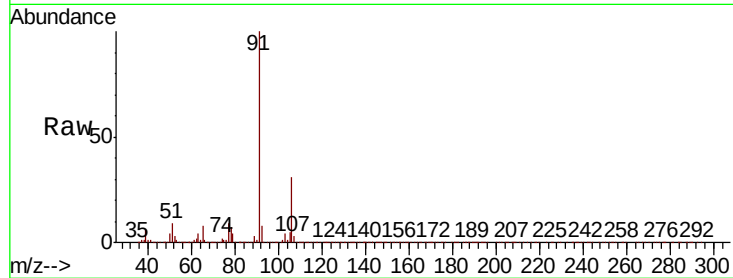
ClientSampled :

Tot Ion: 91 Resp: 500280

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 36.337 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014141.D

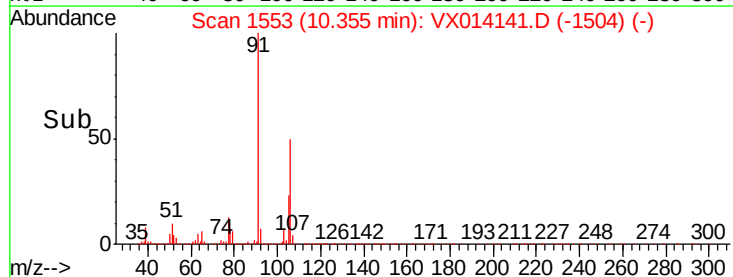
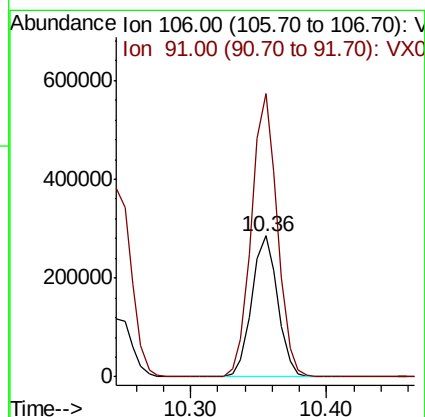
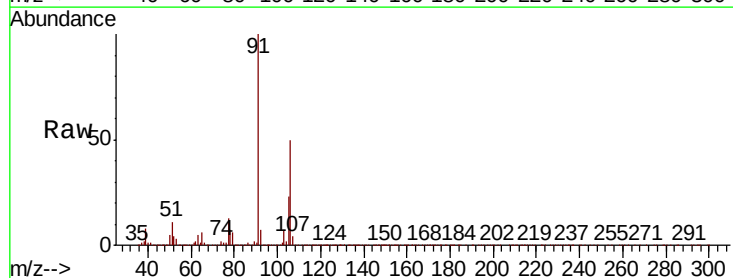
Acq: 20 Dec 2019 00:23

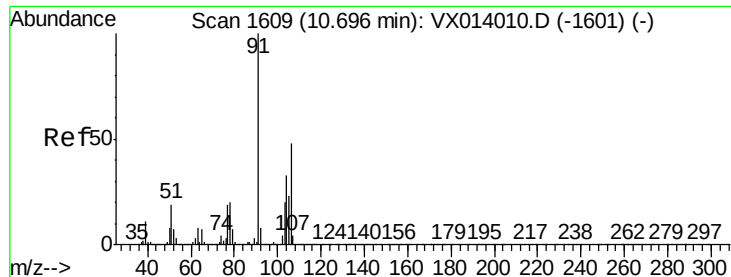
Tgt Ion: 106 Resp: 383704

Ion Ratio Lower Upper

106 100

91 199.0 158.6 238.0

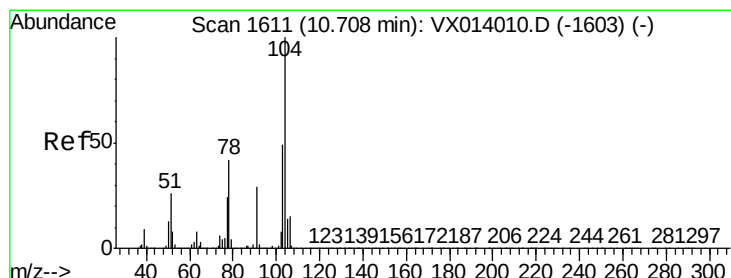
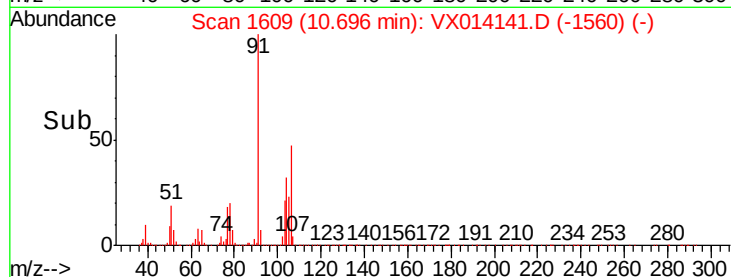
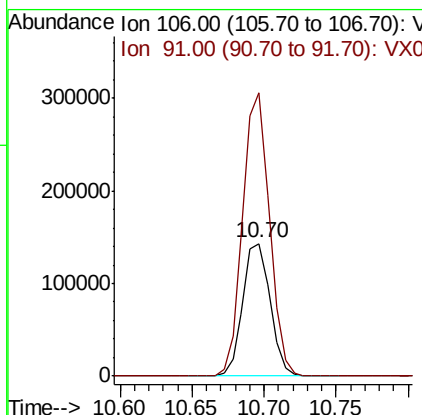
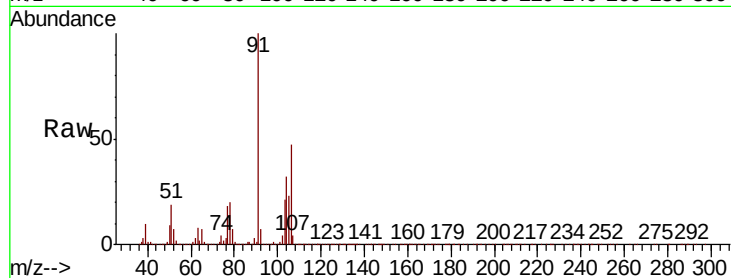




#69
o-Xylene
Concen: 18.305 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

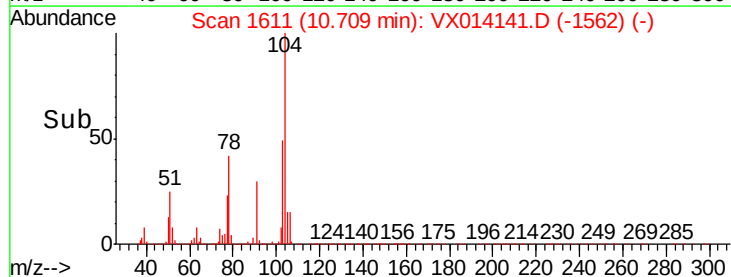
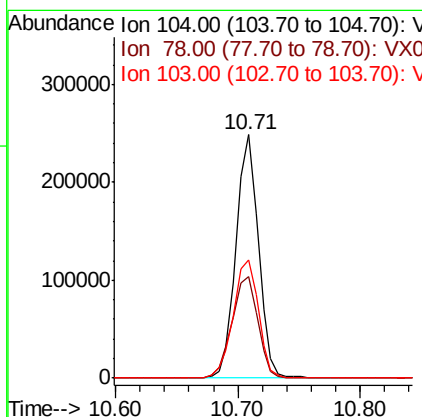
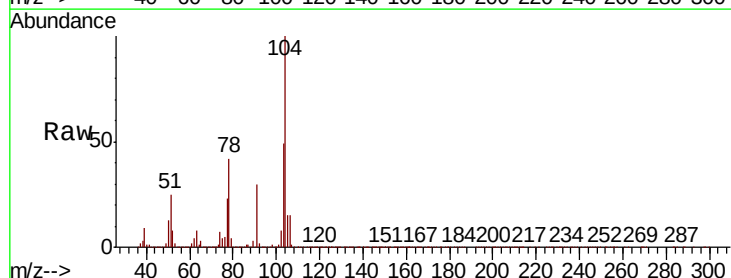
Instrument :
MSVOA_X
ClientSampled :

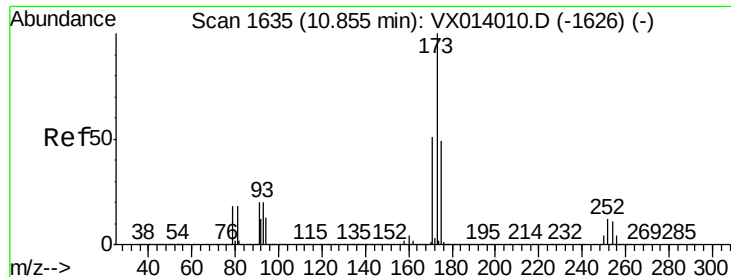
Tot Ion:106 Resp: 189573
Ion Ratio Lower Upper
106 100
91 208.8 104.2 312.6



#70
Styrene
Concen: 17.903 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion:104 Resp: 313515
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.3 42.9 64.3

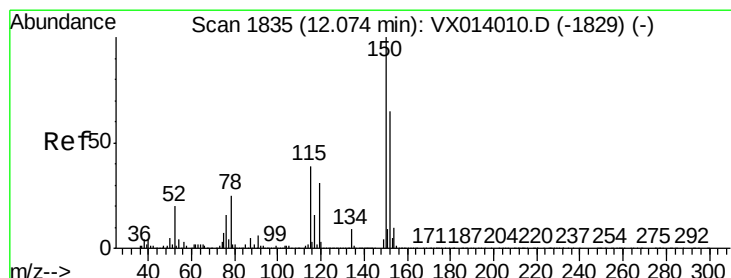
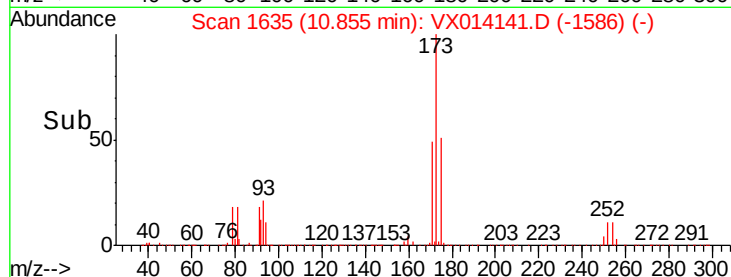
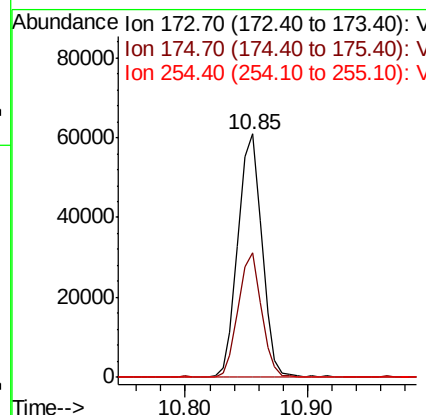
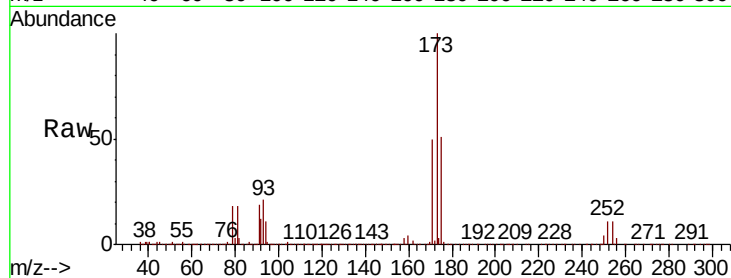




#71
Bromoform
Concen: 18.065 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

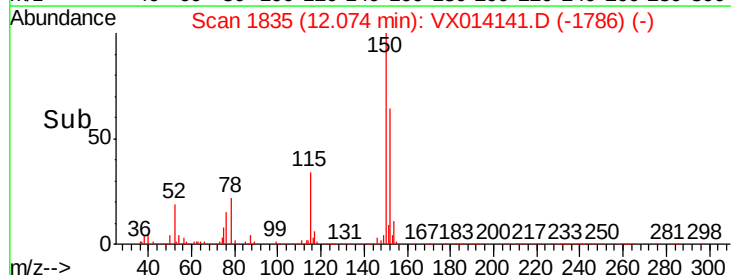
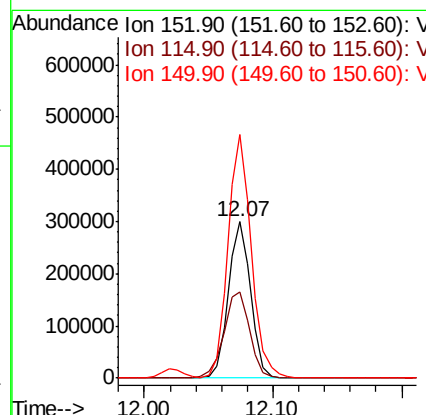
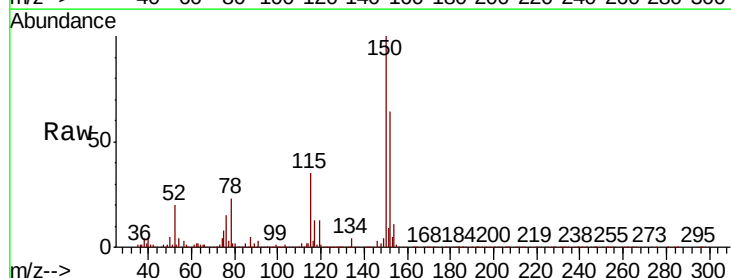
Instrument :
MSVOA_X
ClientSampleId :

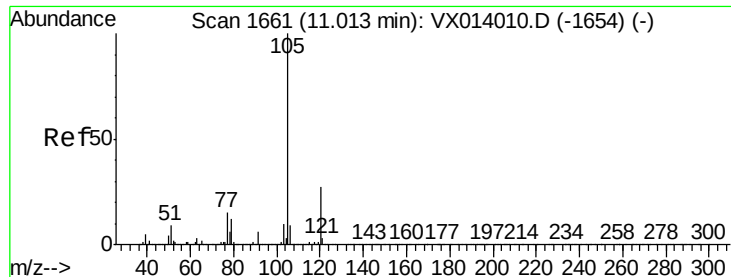
Tot Ion:173 Resp: 82798
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.4
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion:152 Resp: 363366
Ion Ratio Lower Upper
152 100
115 63.7 38.3 114.9
150 163.0 0.0 345.4





#73

Isopropylbenzene

Concen: 19.229 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

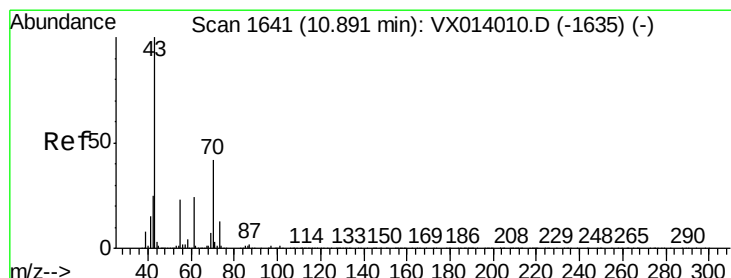
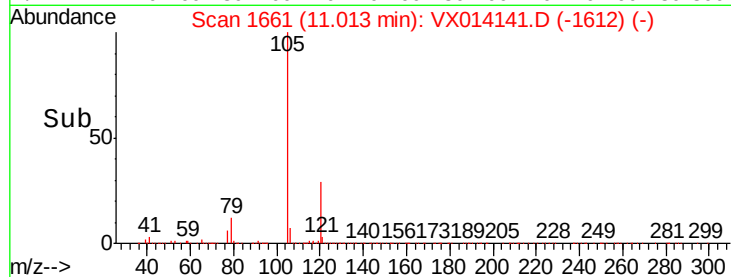
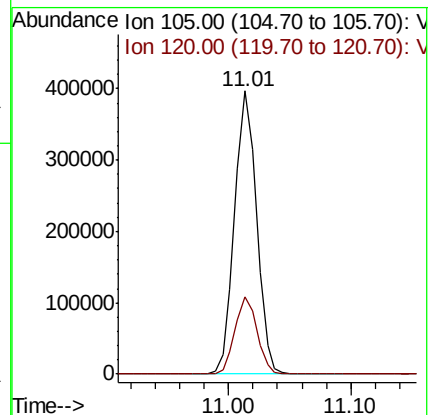
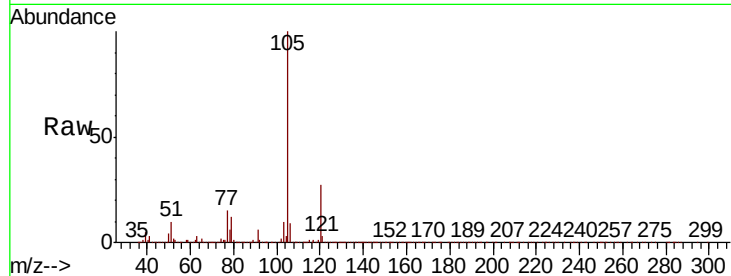
ClientSampleId :

Tot Ion:105 Resp: 491960

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 18.517 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion: 43 Resp: 222060

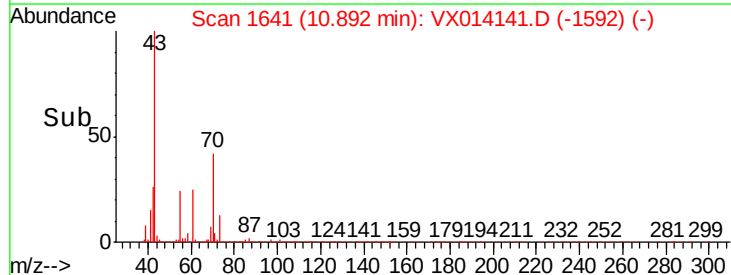
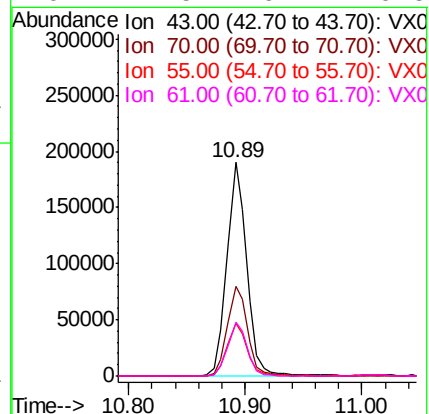
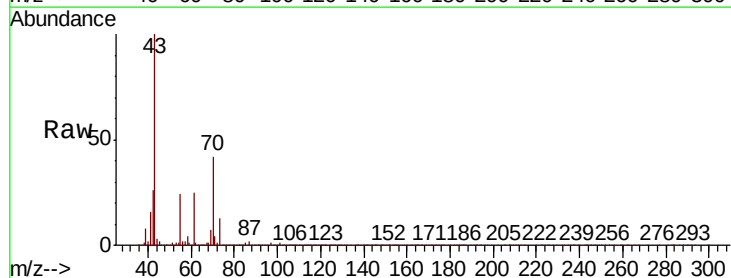
Ion Ratio Lower Upper

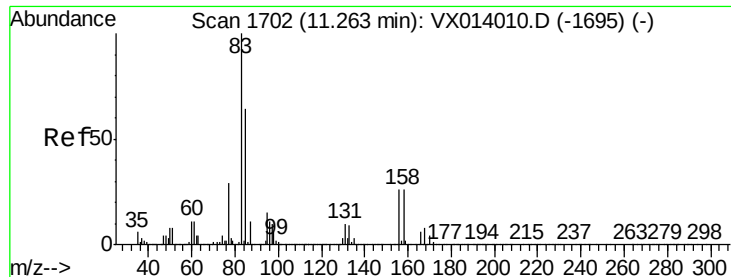
43 100

70 42.6 34.4 51.6

55 25.3 19.1 28.7

61 24.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.970 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampled :

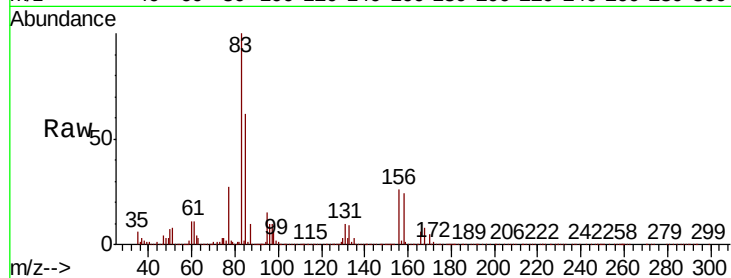
Tot Ion: 83 Resp: 168260

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

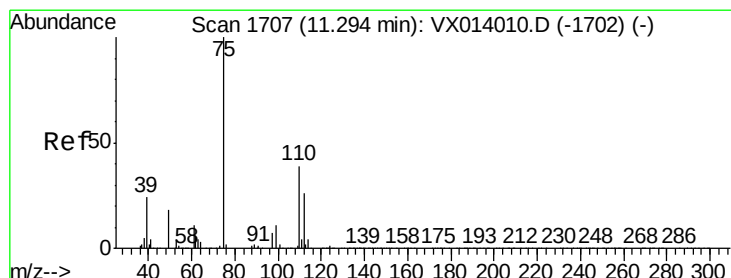
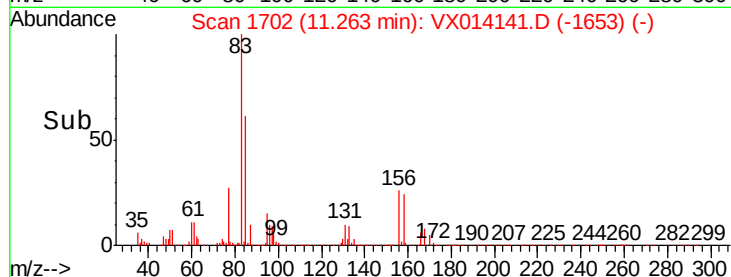
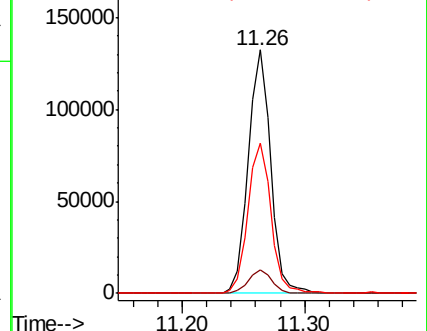
85 63.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.776 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014141.D

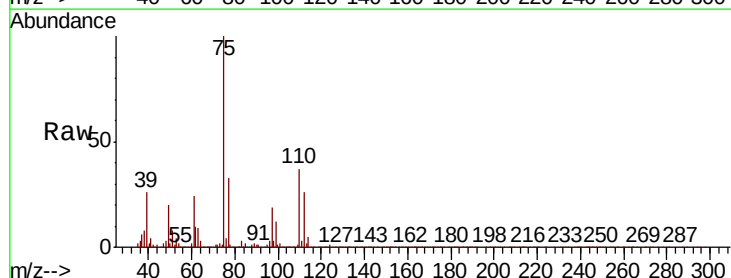
Acq: 20 Dec 2019 00:23

Tgt Ion: 75 Resp: 187559

Ion Ratio Lower Upper

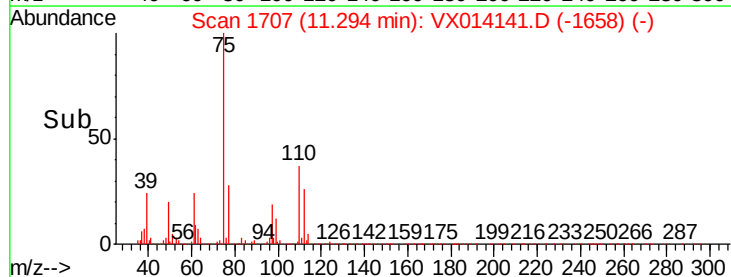
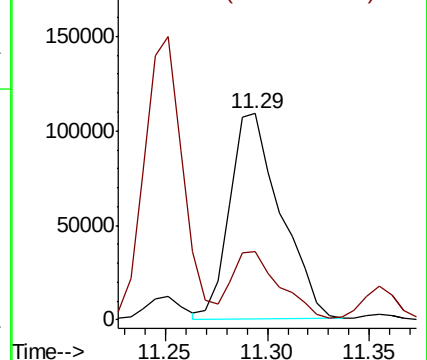
75 100

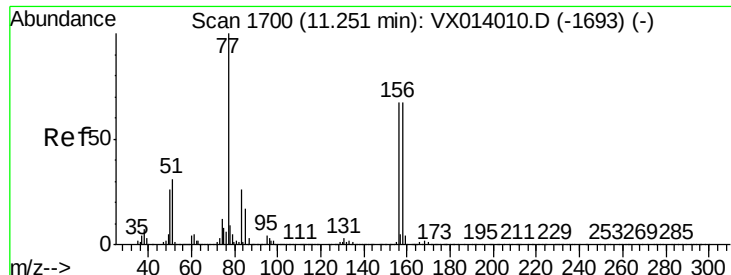
77 30.8 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.470 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

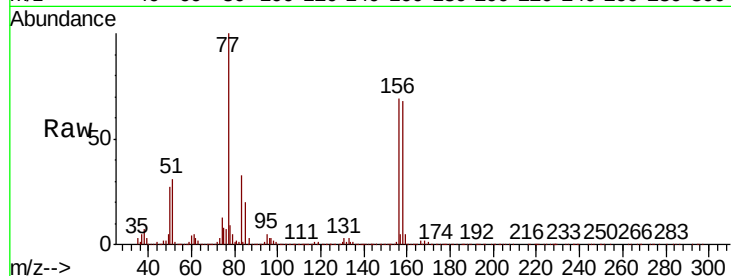
Tot Ion:156 Resp: 130009

Ion Ratio Lower Upper

156 100

77 150.4 76.5 229.5

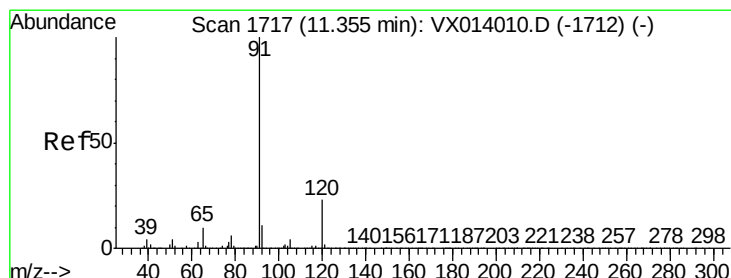
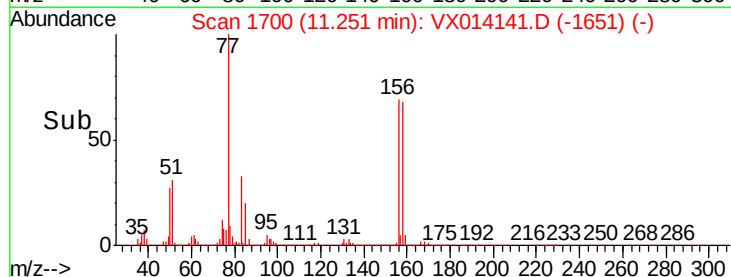
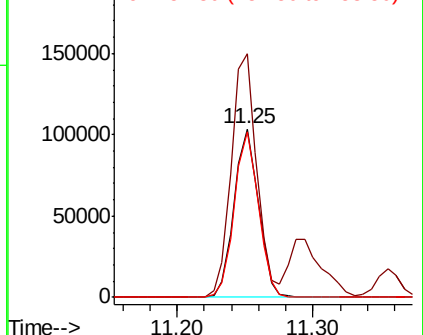
158 97.8 49.3 147.9



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: 18.901 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014141.D

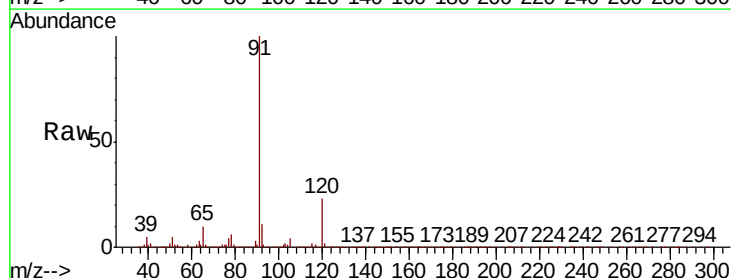
Acq: 20 Dec 2019 00:23

Tgt Ion: 91 Resp: 542383

Ion Ratio Lower Upper

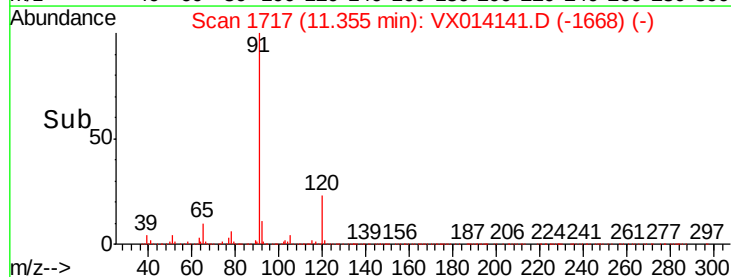
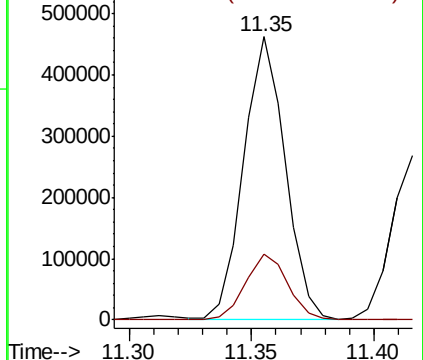
91 100

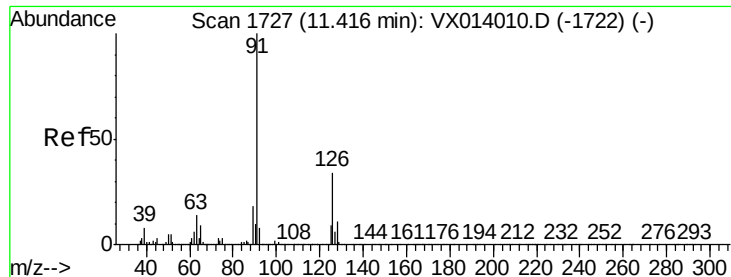
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

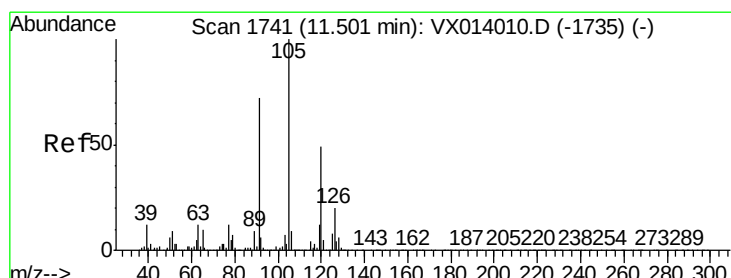
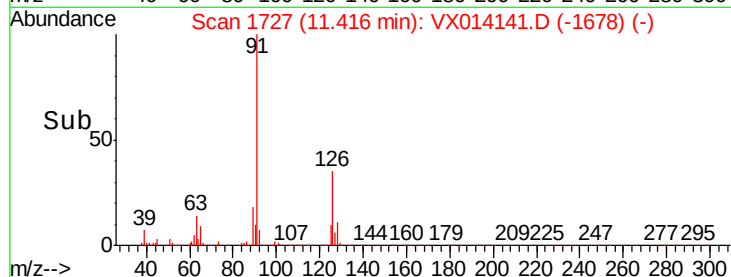
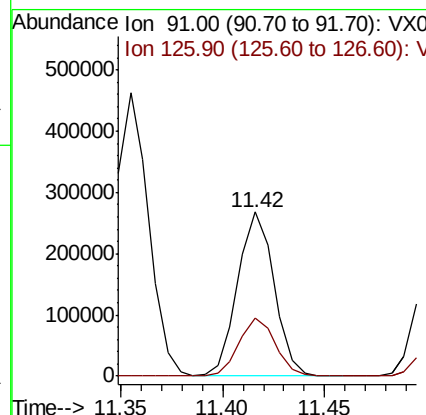
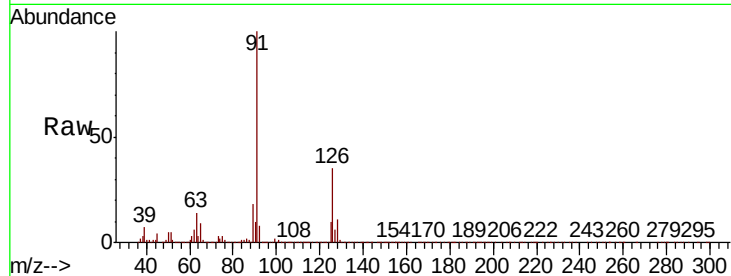




#79
 2-Chlorotoluene
 Concen: 18.985 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

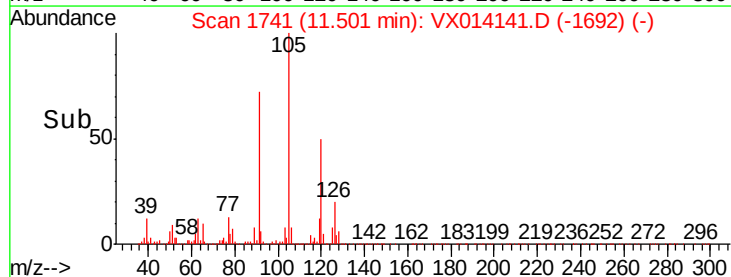
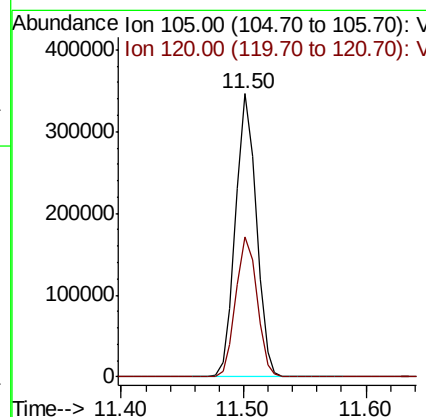
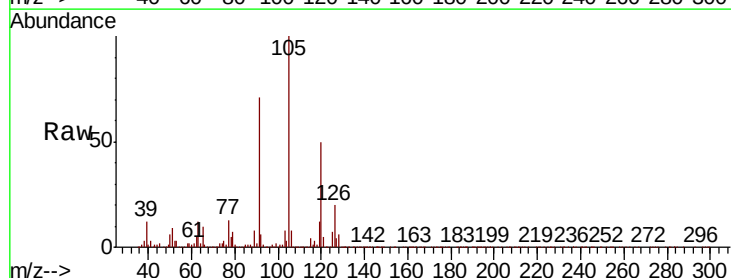
Instrument :
 MSVOA_X
 ClientSampleId :

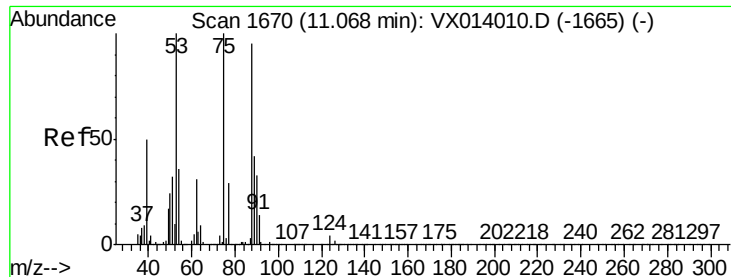
Tot Ion: 91 Resp: 331168
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.835 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 105 Resp: 405554
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8

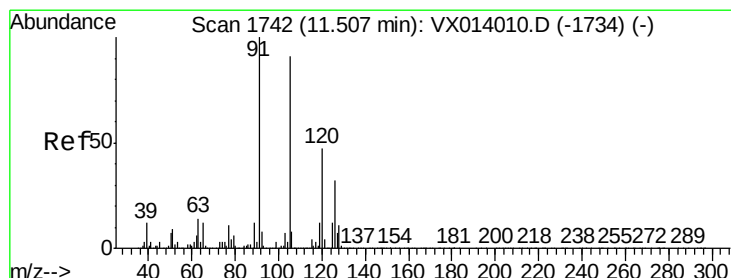
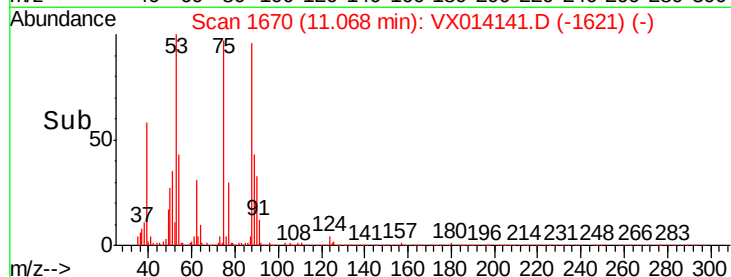
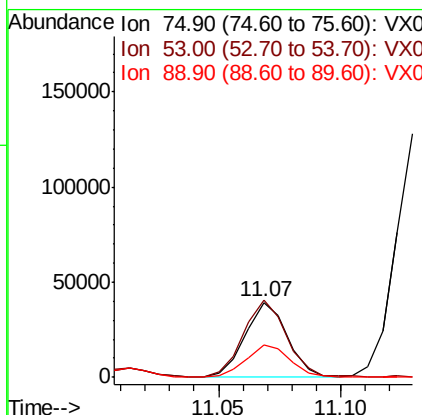
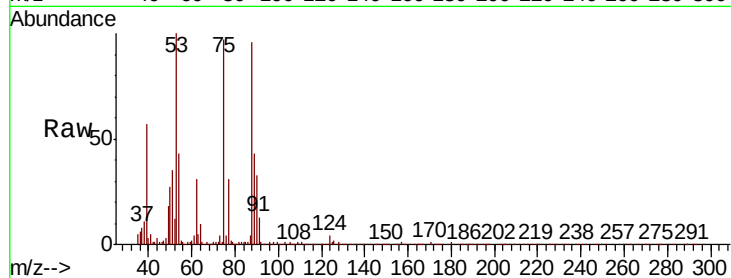




#81
trans-1,4-Dichloro-2-butene
Concen: 16.811 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

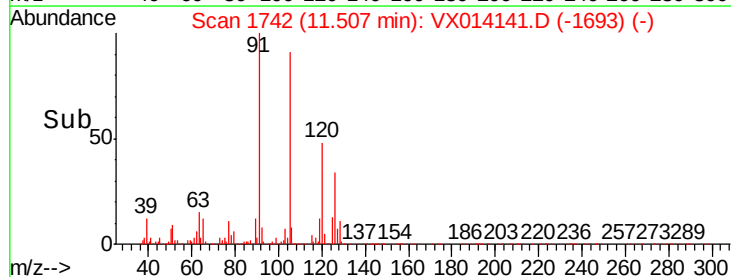
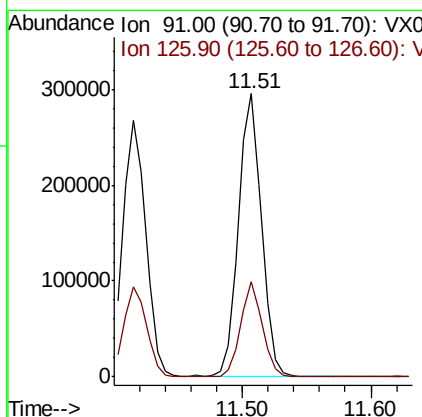
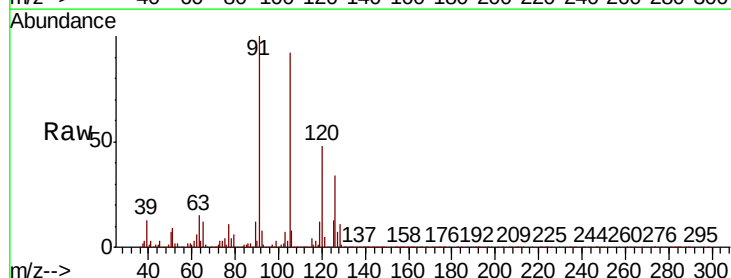
Instrument :
MSVOA_X
ClientSampleId :

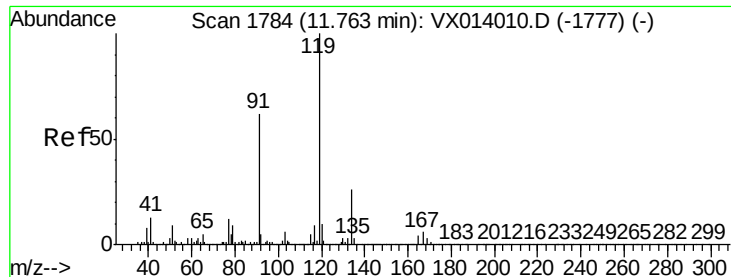
Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	76.7	115.1
89	45.7	34.6	51.8



#82
4-Chlorotoluene
Concen: 18.107 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8

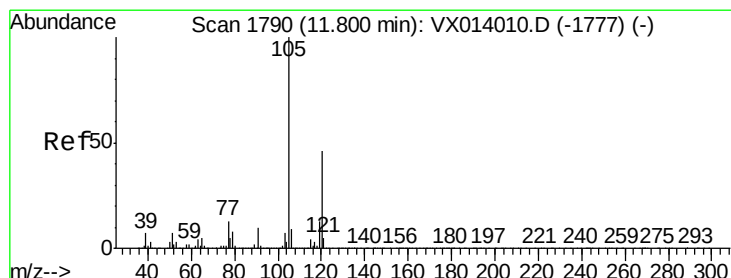
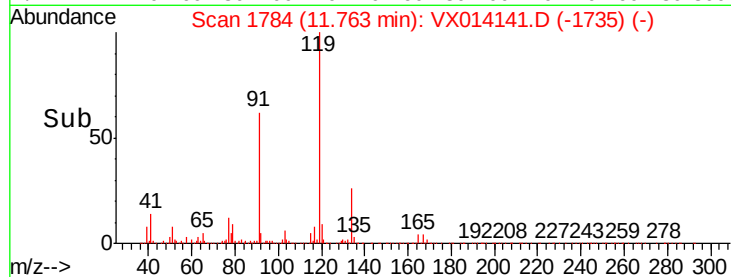
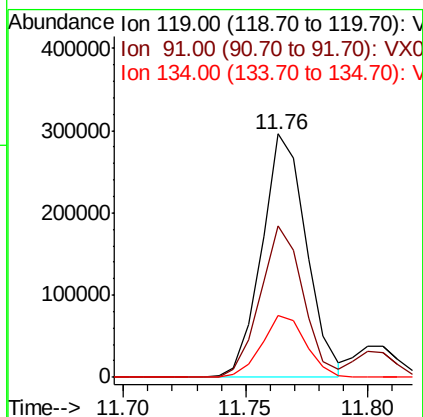
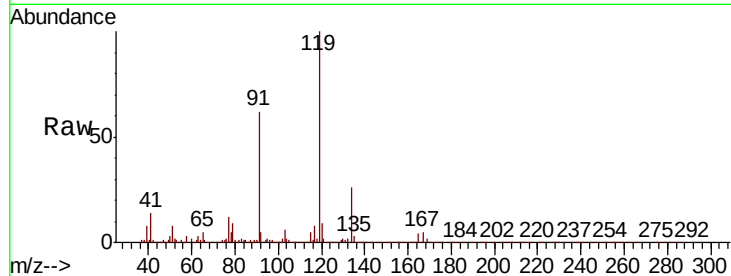




#83
 tert-Butylbenzene
 Concen: 17.866 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

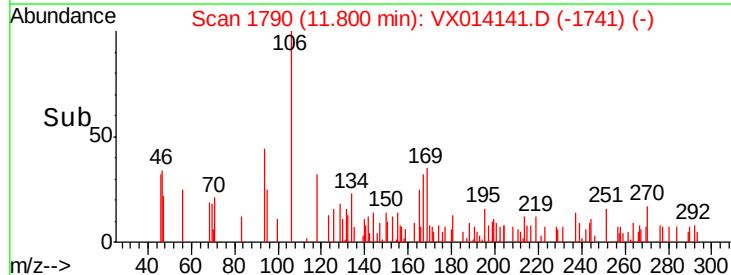
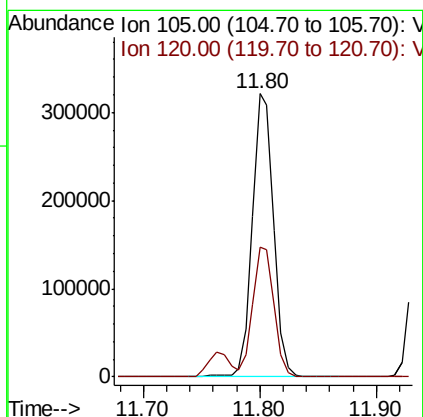
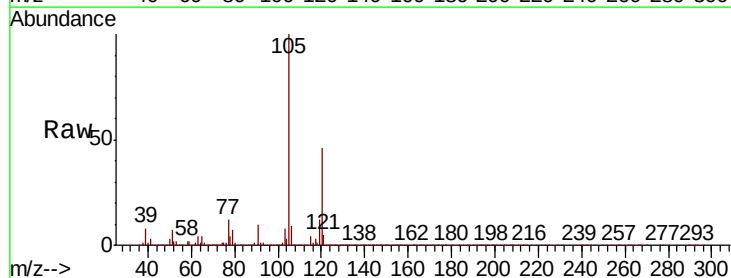
Instrument :
 MSVOA_X
 ClientSampleId :

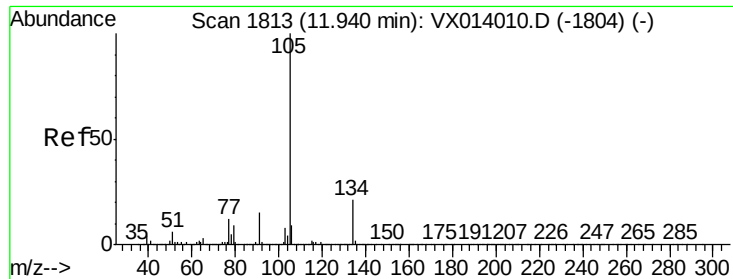
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	28.5	85.6
134	25.3	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.905 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.764 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

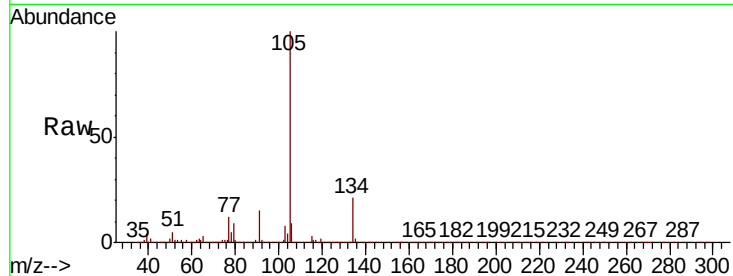
ClientSampleId :

Tot Ion:105 Resp: 464152

Ion Ratio Lower Upper

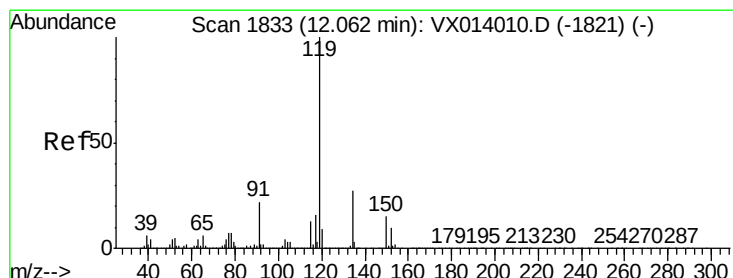
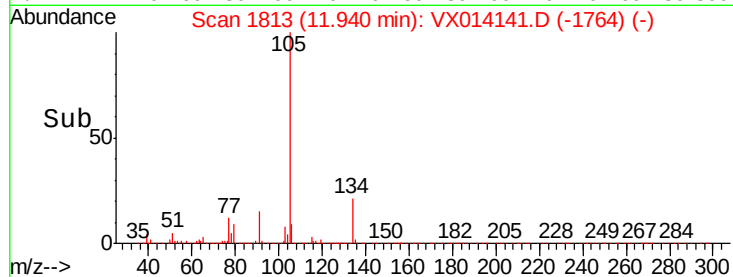
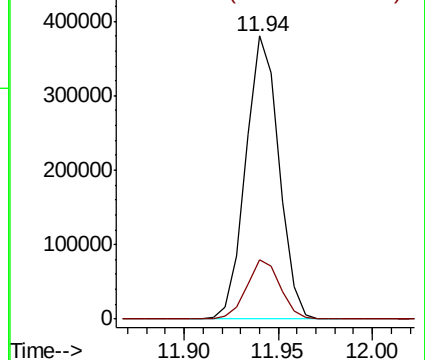
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.685 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

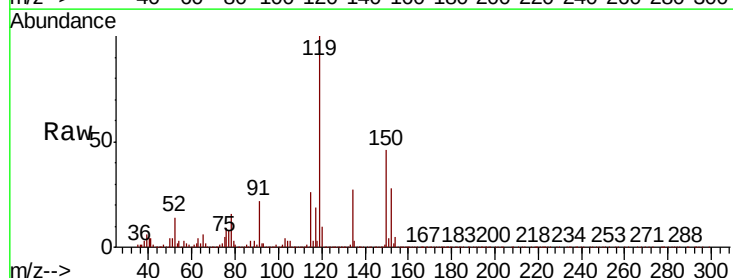
Tgt Ion:119 Resp: 422777

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

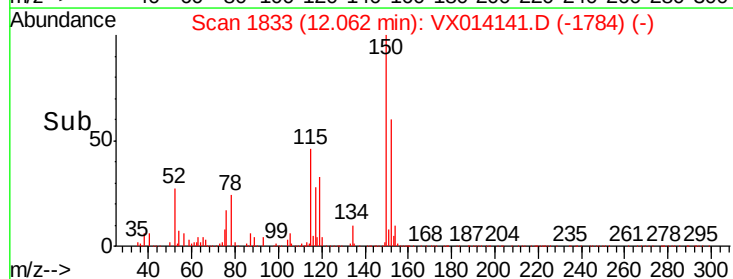
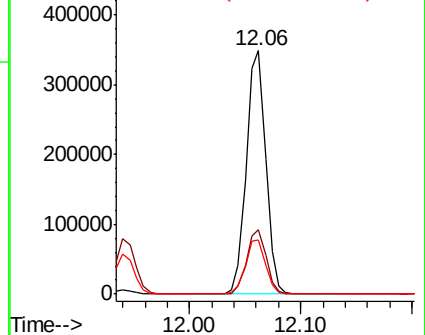
91 22.6 11.4 34.1

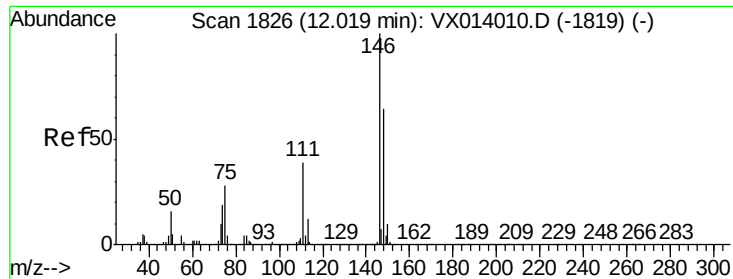


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.042 ug/l

RT: 12.02 min Scan# 1826

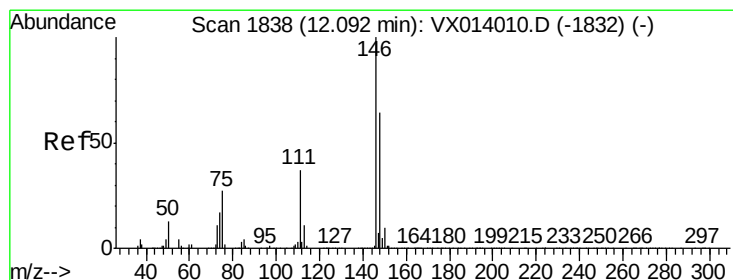
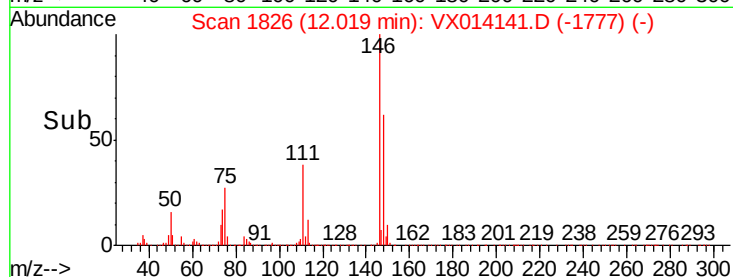
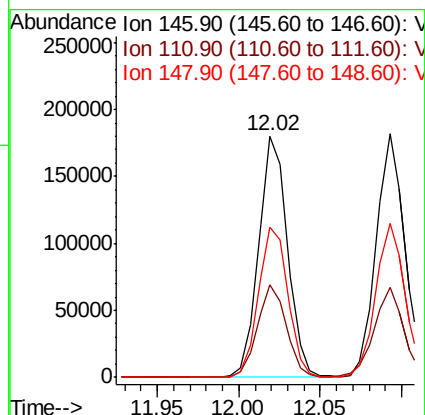
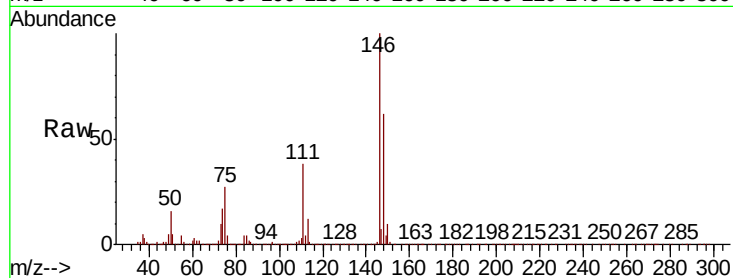
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.9	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 17.694 ug/l

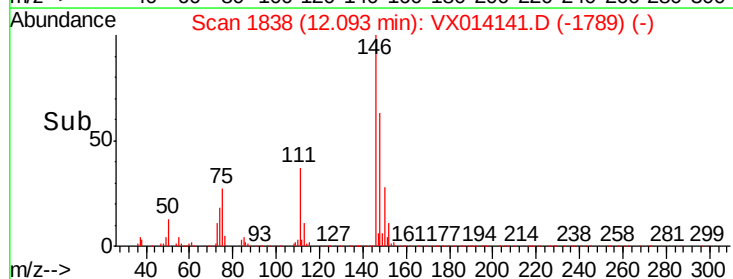
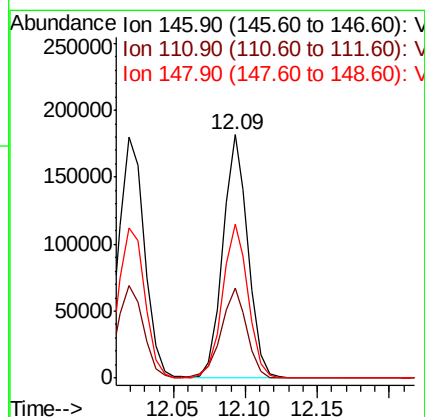
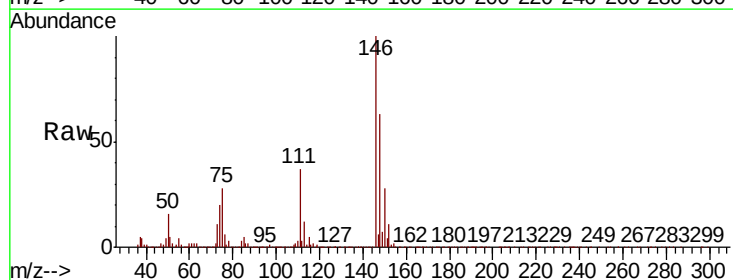
RT: 12.09 min Scan# 1838

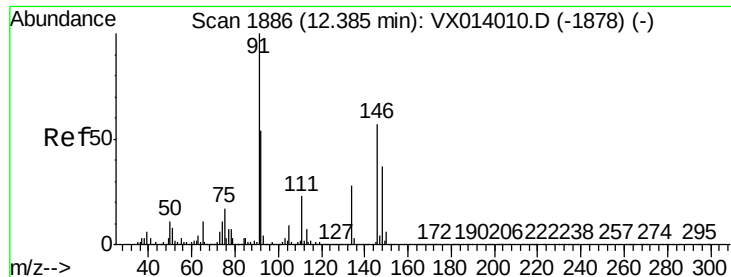
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.8	31.9	95.9

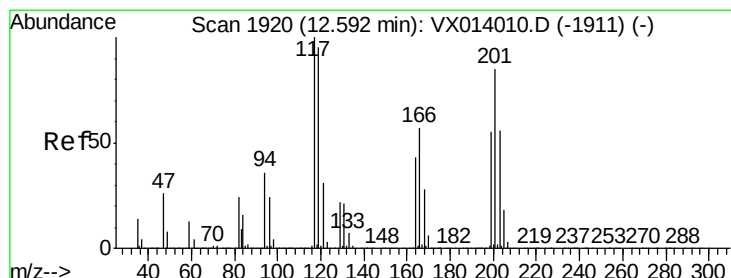
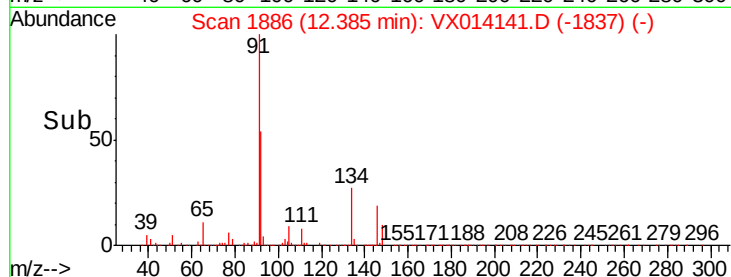
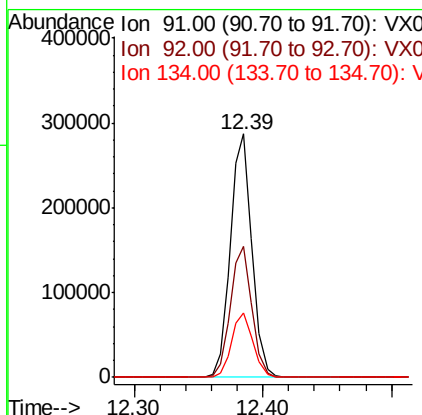
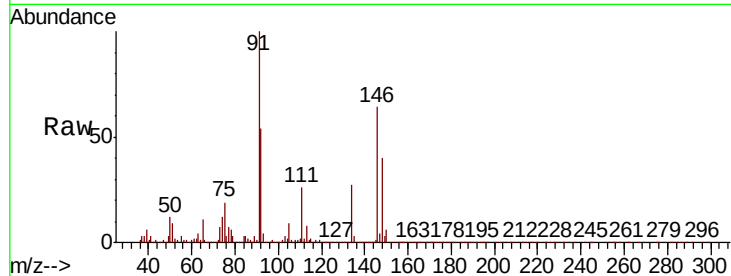




#89
n-Butylbenzene
Concen: 17.412 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

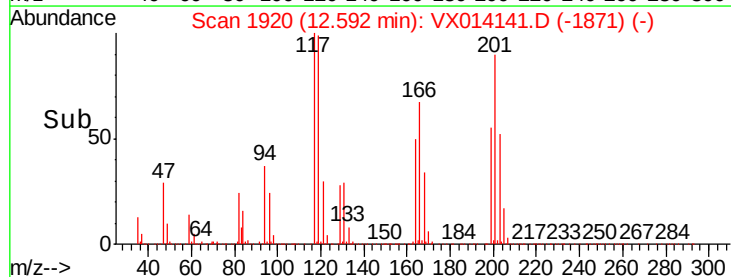
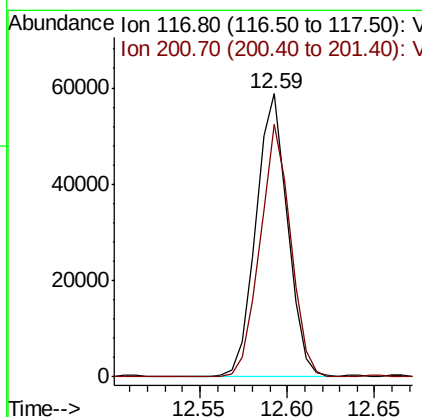
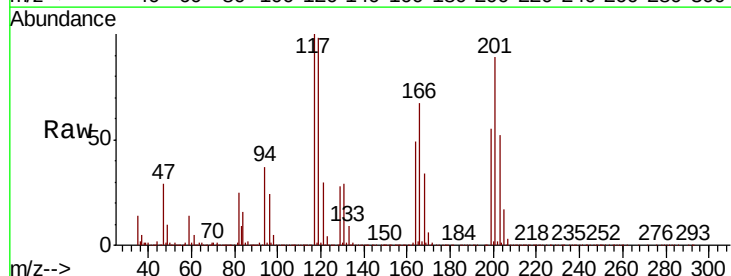
Instrument :
MSVOA_X
ClientSampleId :

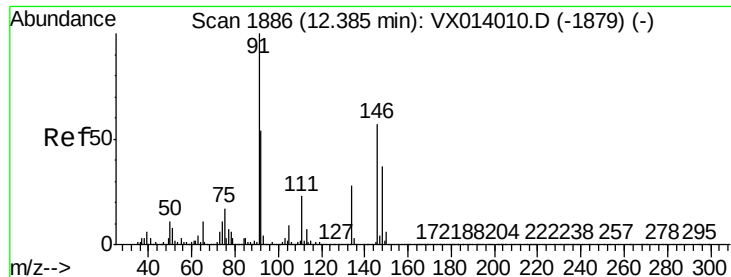
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	26.6	13.4	40.1



#90
Hexachloroethane
Concen: 18.021 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	43.1	129.3

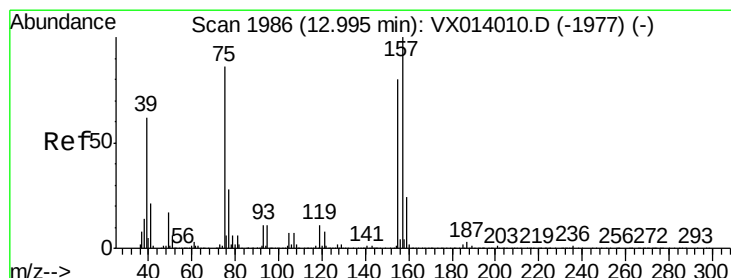
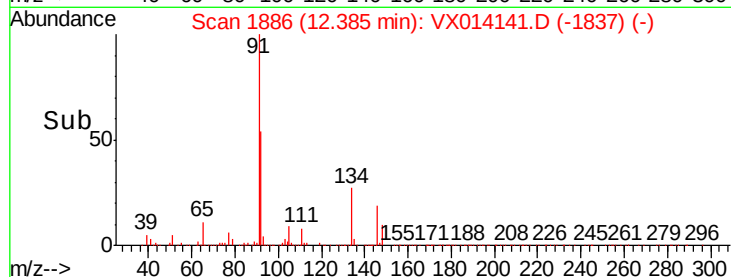
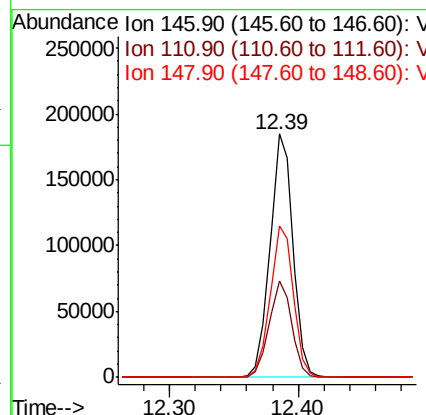
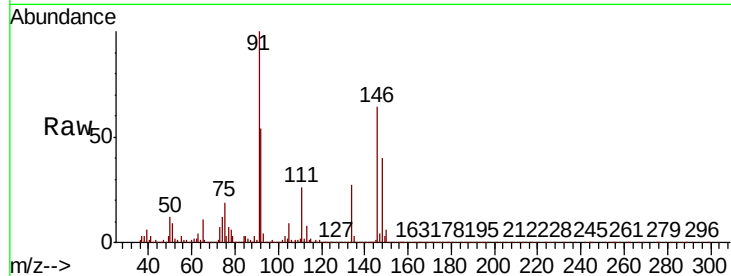




#91
 1,2-Dichlorobenzene
 Concen: 18.424 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

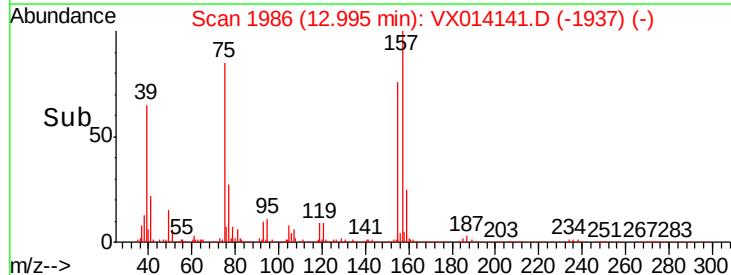
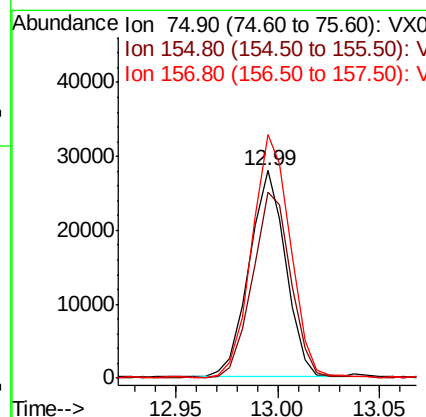
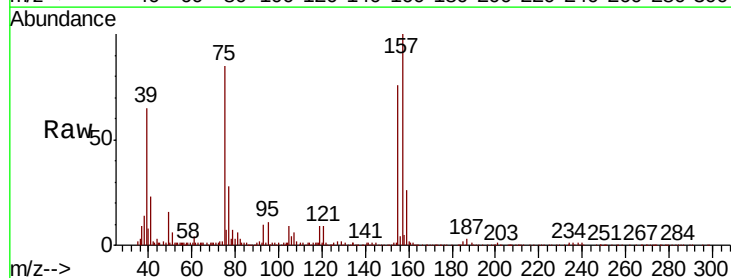
Instrument :
 MSVOA_X
 ClientSampleId :

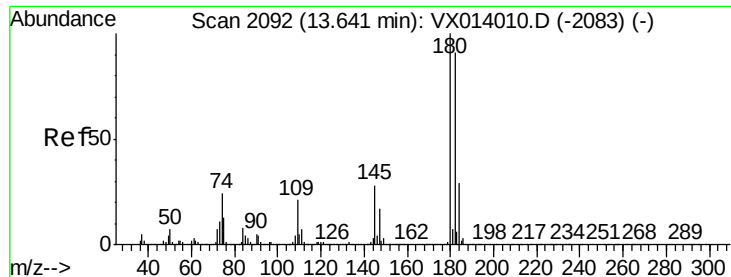
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	62.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.707 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.9	140.6
157	124.7	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 17.571 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

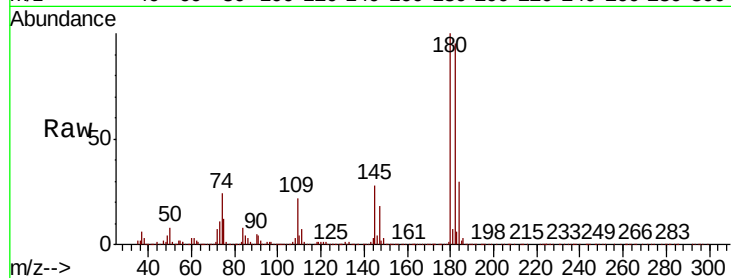
Tot Ion:180 Resp: 141828

Ion Ratio Lower Upper

180 100

182 95.8 46.6 139.8

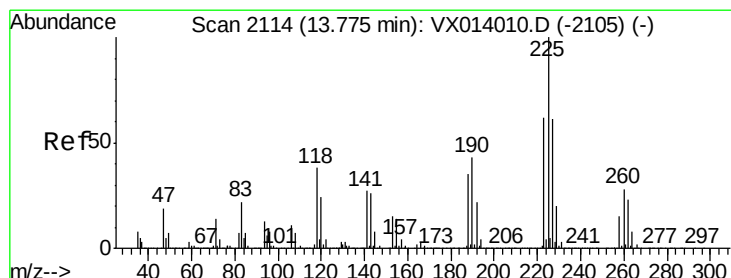
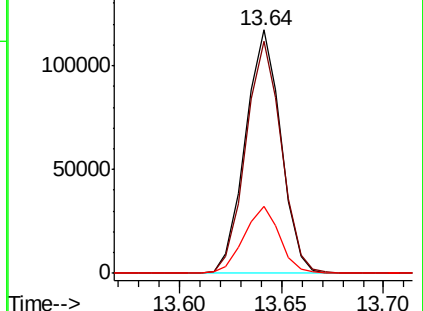
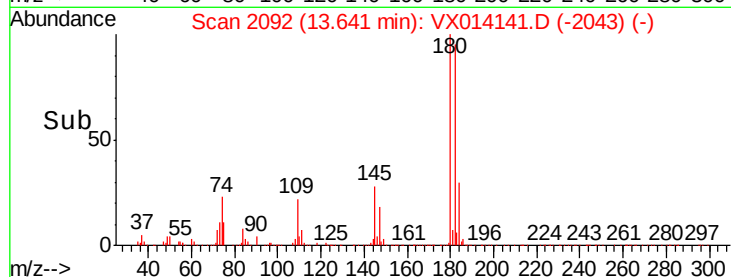
145 27.5 14.2 42.6



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: 17.395 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

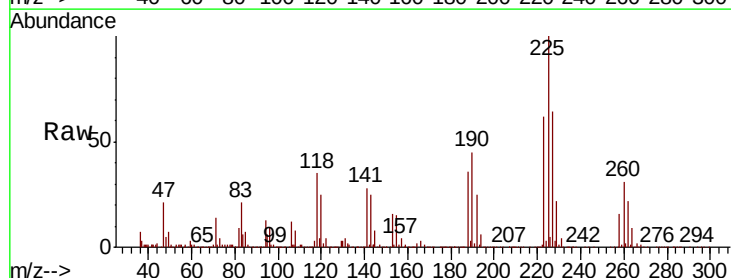
Tgt Ion:225 Resp: 67479

Ion Ratio Lower Upper

225 100

223 61.9 30.9 92.5

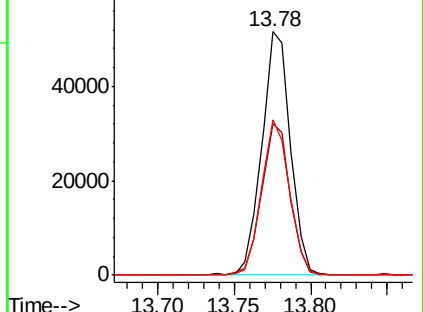
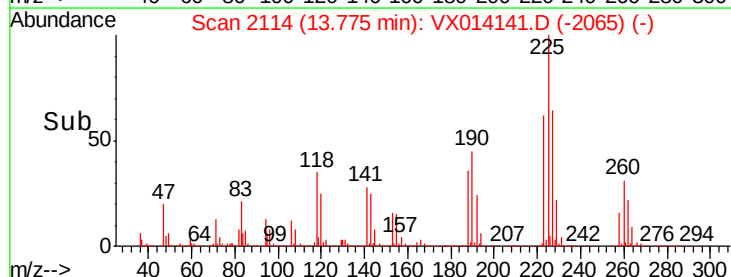
227 62.2 30.9 92.7

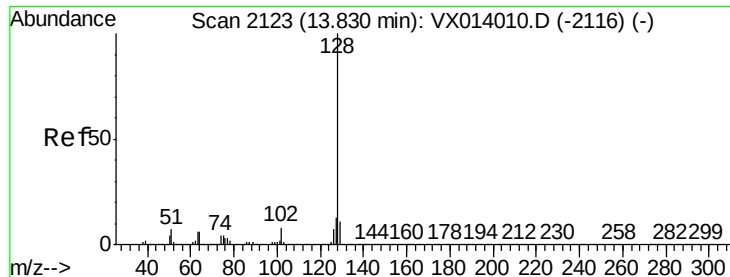


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.569 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

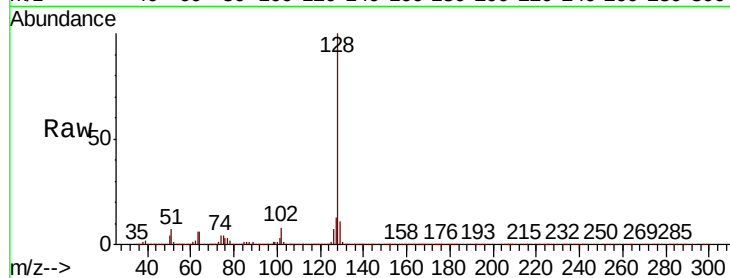
Tot Ion:128 Resp: 440376

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

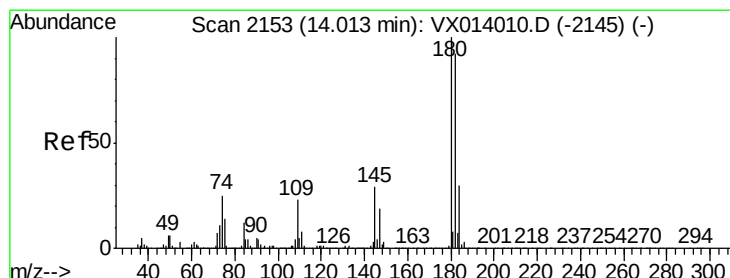
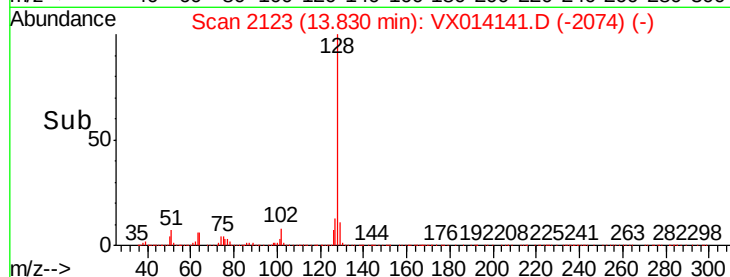
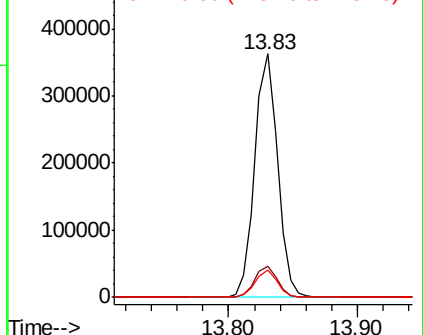
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.068 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

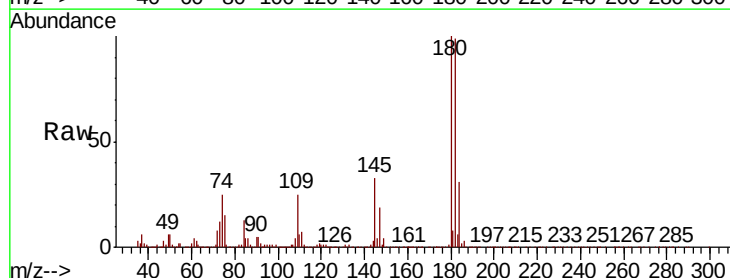
Tgt Ion:180 Resp: 143962

Ion Ratio Lower Upper

180 100

182 97.6 46.8 140.3

145 31.0 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

