

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022820\
 Data File : VX015050.D
 Acq On : 28 Feb 2020 09:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:33:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	391319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	572304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	566832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	302755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	201137	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	5.48	113	177209	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	707161	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.13	95	265432	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	186320	50.277	ug/l	100
3) Chloromethane	1.32	50	222650	52.993	ug/l	98
4) Vinyl Chloride	1.40	62	228503	50.486	ug/l	96
5) Bromomethane	1.63	94	130702	44.613	ug/l	99
6) Chloroethane	1.72	64	140764	48.606	ug/l	99
7) Trichlorofluoromethane	1.92	101	288135	45.565	ug/l	100
8) Diethyl Ether	2.18	74	127045	48.448	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	183356	49.952	ug/l	97
10) Methyl Iodide	2.50	142	198590	48.659	ug/l	99
11) Tert butyl alcohol	3.03	59	188772	242.088	ug/l	99
12) 1,1-Dichloroethene	2.37	96	175013	48.793	ug/l	96
13) Acrolein	2.28	56	139349	234.472	ug/l	98
14) Allyl chloride	2.72	41	326151	51.287	ug/l	91
15) Acrylonitrile	3.12	53	526613	266.401	ug/l	99
16) Acetone	2.43	43	654880	277.239	ug/l	95
17) Carbon Disulfide	2.56	76	433794	43.286	ug/l	100
18) Methyl Acetate	2.76	43	254478	57.213	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	597733	51.205	ug/l	100
20) Methylene Chloride	2.85	84	200122	47.105	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	189568	47.898	ug/l	97
22) Diisopropyl ether	3.84	45	669001	55.081	ug/l	97
23) Vinyl Acetate	3.80	43	2745060	274.167	ug/l	99
24) 1,1-Dichloroethane	3.69	63	351252	51.242	ug/l	99
25) 2-Butanone	4.65	43	831703	276.622	ug/l	99
26) 2,2-Dichloropropane	4.57	77	283008	47.907	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	223019	50.410	ug/l	100
28) Bromochloromethane	5.00	49	140453	52.862	ug/l	97
29) Tetrahydrofuran	5.11	42	464080	271.523	ug/l	97
30) Chloroform	5.20	83	339920	49.981	ug/l	97
31) Cyclohexane	5.57	56	315845	50.588	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	288637	48.517	ug/l	99
36) 1,1-Dichloropropene	5.79	75	259978	50.783	ug/l	98
37) Ethyl Acetate	4.81	43	280135	52.465	ug/l	100
38) Carbon Tetrachloride	5.77	117	251154	50.341	ug/l	97

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 ClientSampleId :

Quant Time: Feb 28 23:33:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	335096	52.338	ug/l	97
40) Benzene	6.13	78	809875	52.947	ug/l	100
41) Methacrylonitrile	5.02	41	159876	55.581	ug/l	98
42) 1,2-Dichloroethane	6.18	62	265210	47.972	ug/l	98
43) Isopropyl Acetate	6.43	43	474623	53.885	ug/l	99
44) Trichloroethene	7.20	130	227009	51.124	ug/l	95
45) 1,2-Dichloropropane	7.50	63	219083	56.161	ug/l	95
46) Dibromomethane	7.65	93	136935	51.354	ug/l	99
47) Bromodichloromethane	7.89	83	279284	52.824	ug/l	98
48) Methyl methacrylate	7.76	41	238976	55.130	ug/l	96
49) 1,4-Dioxane	7.73	88	88077	1086.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1511618	284.215	ug/l	99
52) Toluene	8.78	92	538029	55.381	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	327715	56.558	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	349080	54.534	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	225817	57.452	ug/l	99
56) Ethyl methacrylate	9.17	69	351108	59.430	ug/l	98
57) 1,3-Dichloropropane	9.36	76	376959	56.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	883808	286.046	ug/l	98
59) 2-Hexanone	9.48	43	1263300	302.191	ug/l	99
60) Dibromochloromethane	9.57	129	241674	57.135	ug/l	97
61) 1,2-Dibromoethane	9.67	107	231810	54.660	ug/l	99
64) Tetrachloroethene	9.33	164	243844	46.011	ug/l	99
65) Chlorobenzene	10.13	112	593098	51.588	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	224306	53.741	ug/l	99
67) Ethyl Benzene	10.24	91	1051160	53.761	ug/l	100
68) m/p-Xylenes	10.35	106	797826	105.921	ug/l	100
69) o-Xylene	10.69	106	386385	53.364	ug/l	100
70) Styrene	10.71	104	677809	55.335	ug/l	99
71) Bromoform	10.85	173	188020	53.968	ug/l #	99
73) Isopropylbenzene	11.01	105	1048323	55.215	ug/l	99
74) N-amyl acetate	10.89	43	441749	55.997	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340870	54.923	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	389362	71.119	ug/l	92
77) Bromobenzene	11.25	156	276670	52.209	ug/l	99
78) n-propylbenzene	11.35	91	1207393	54.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	698223	54.085	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	881961	55.595	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	114198	53.392	ug/l	99
82) 4-Chlorotoluene	11.51	91	824988	53.963	ug/l	100
83) tert-Butylbenzene	11.76	119	844735	56.231	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885663	55.398	ug/l	100
85) sec-Butylbenzene	11.94	105	1049354	56.229	ug/l	99
86) p-Isopropyltoluene	12.06	119	969408	55.510	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	501968	52.802	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	504492	51.966	ug/l	100
89) n-Butylbenzene	12.38	91	874312	55.900	ug/l	100
90) Hexachloroethane	12.59	117	172519	56.567	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	494371	53.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	68736	47.207	ug/l	99

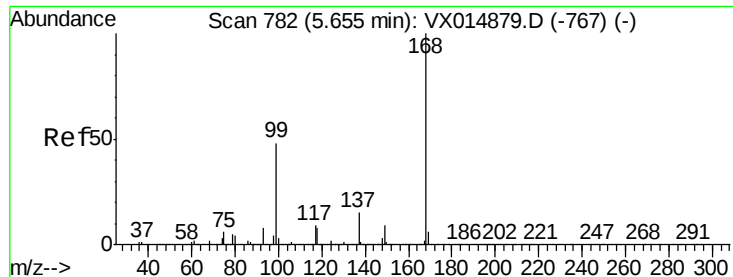
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
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Quant Time: Feb 28 23:33:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364496	52.969	ug/l	98
94) Hexachlorobutadiene	13.77	225	183619	55.168	ug/l	98
95) Naphthalene	13.83	128	1018377	55.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	356636	53.643	ug/l	99

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

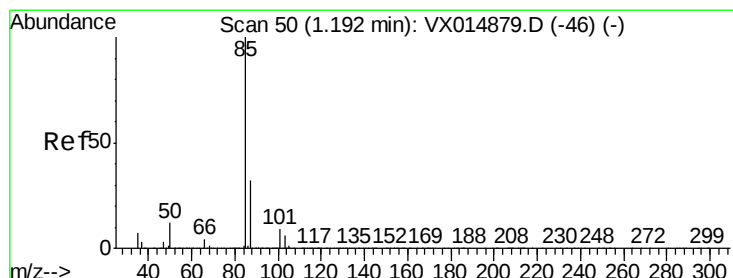
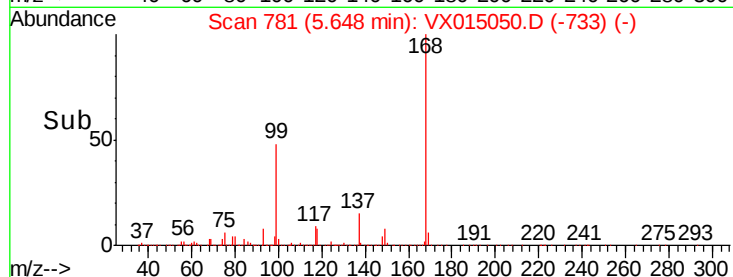
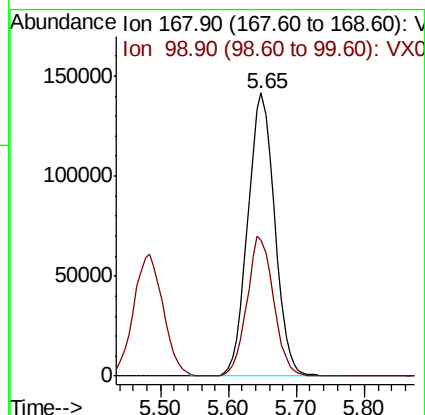
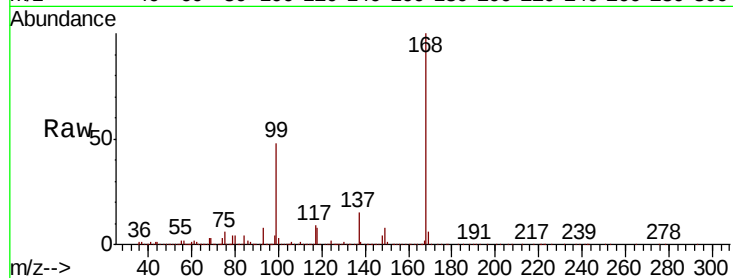


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Instrument :
 MSVOA_X
 ClientSampleId :

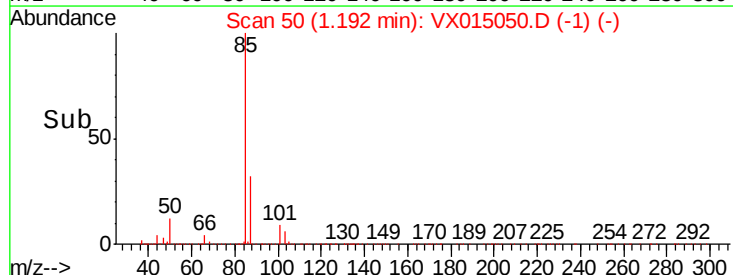
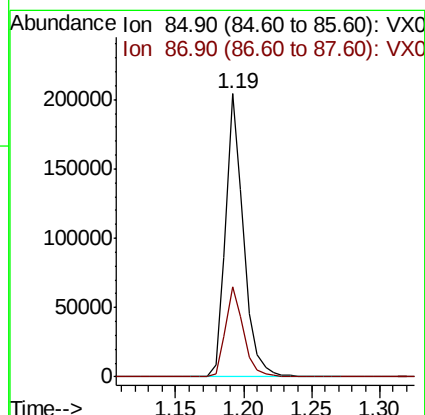
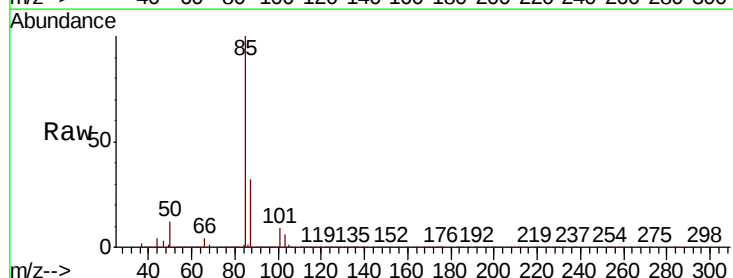
Tot Ion:168 Resp: 391319
 Ion Ratio Lower Upper
 168 100
 99 48.2 38.7 58.1

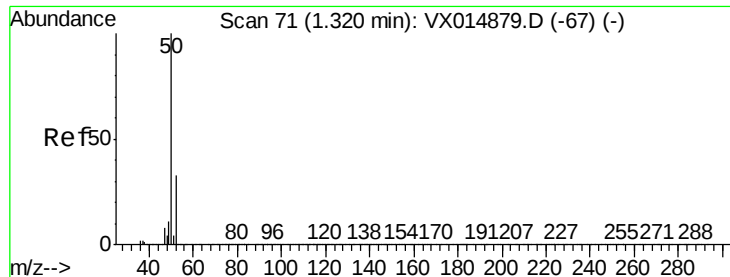


#2

Dichlorodifluoromethane
 Concen: 50.277 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion: 85 Resp: 186320
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.1 48.2





#3

Chloromethane

Concen: 52.993 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

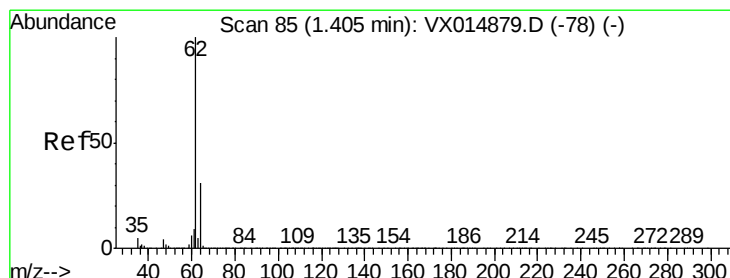
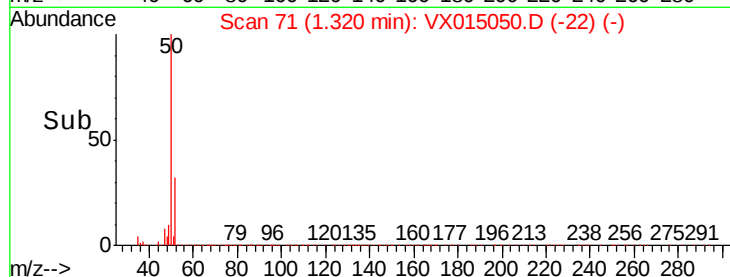
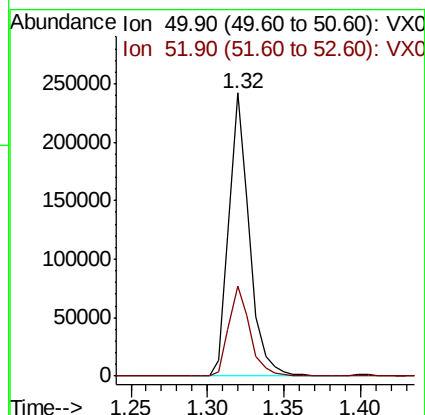
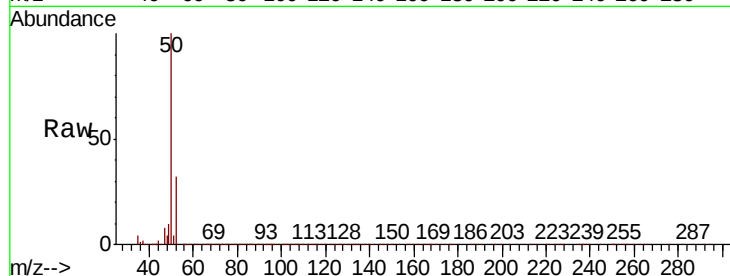
ClientSampleId :

Tot Ion: 50 Resp: 222650

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 50.486 ug/l

RT: 1.40 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015050.D

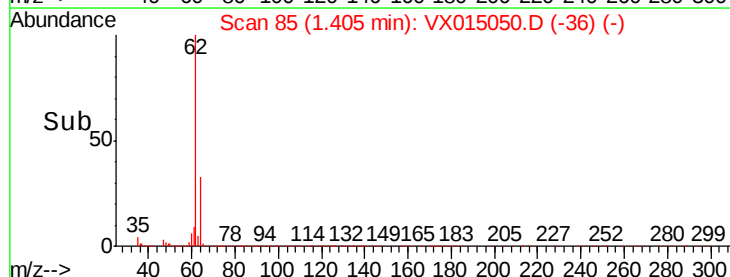
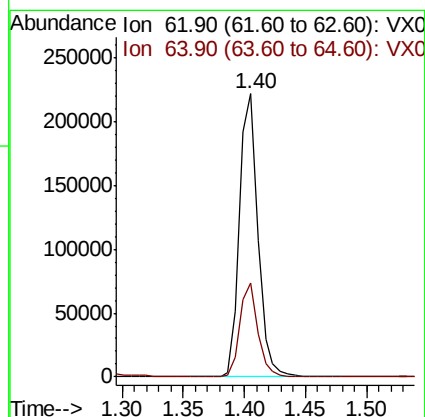
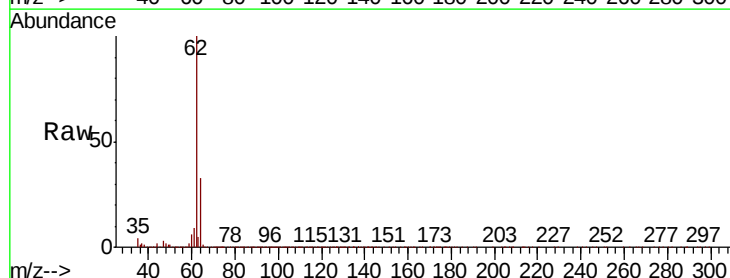
Acq: 28 Feb 2020 09:21

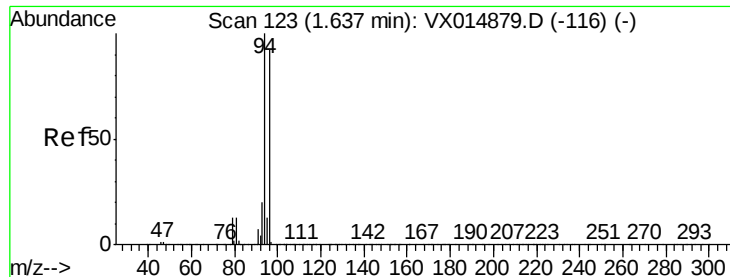
Tgt Ion: 62 Resp: 228503

Ion Ratio Lower Upper

62 100

64 33.1 24.8 37.2





#5

Bromomethane

Concen: 44.613 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

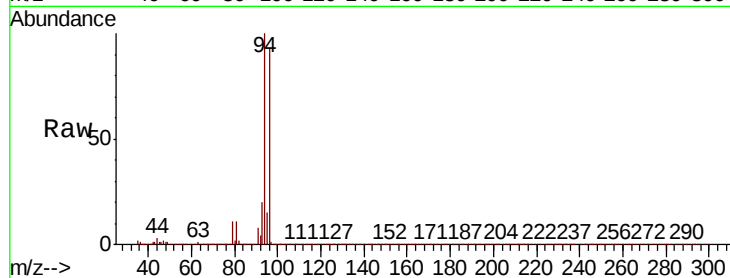
ClientSampled :

Tot Ion: 94 Resp: 130702

Ion Ratio Lower Upper

94 100

96 92.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

150000

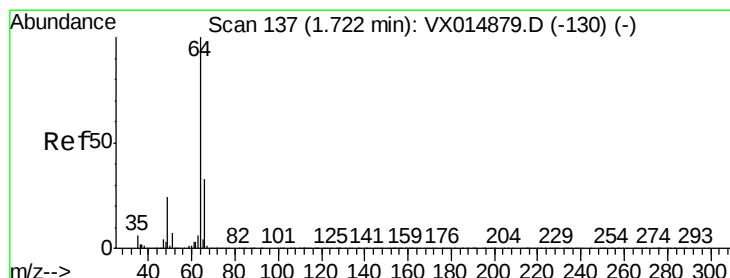
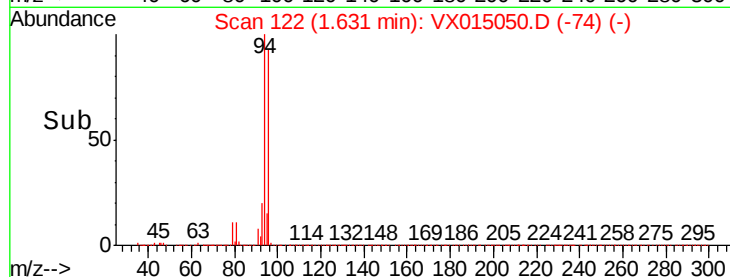
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.606 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015050.D

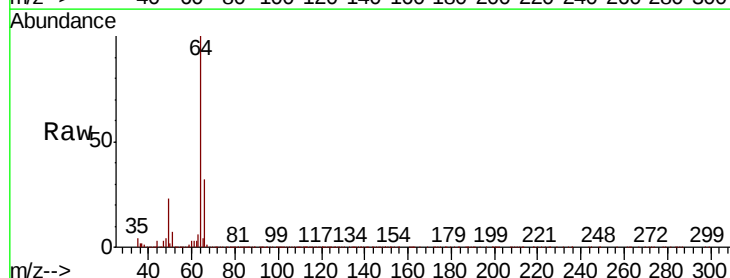
Acq: 28 Feb 2020 09:21

Tgt Ion: 64 Resp: 140764

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

60000

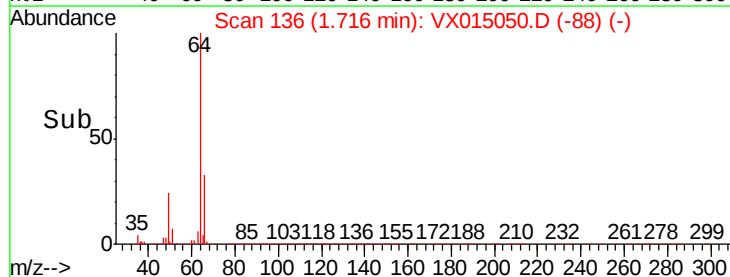
40000

20000

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Time-->

1.60 1.70 1.80



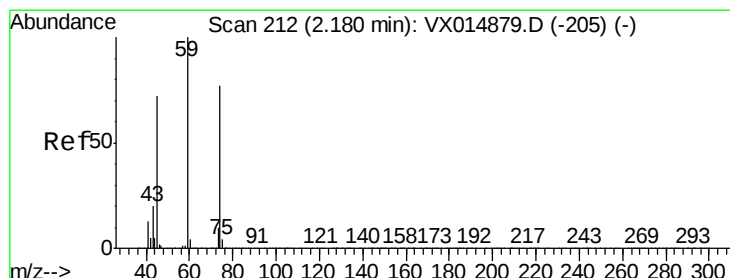
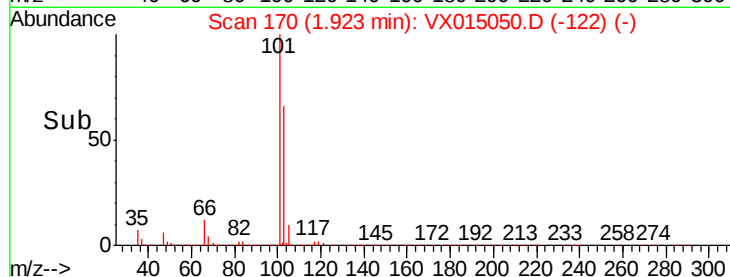
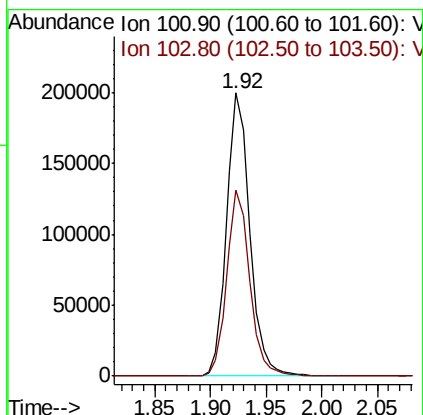
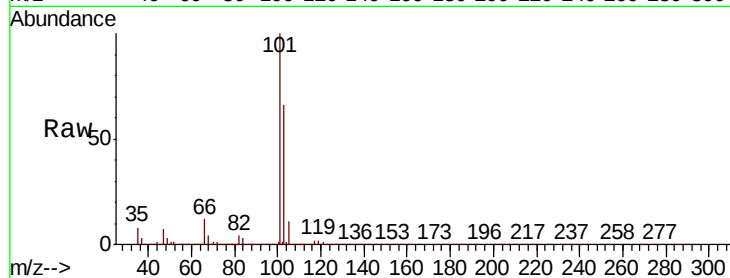


#7

Trichlorofluoromethane
Concen: 45.565 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

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MSVOA_X
ClientSampleId :

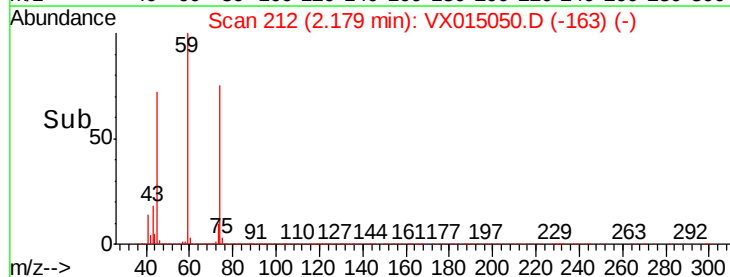
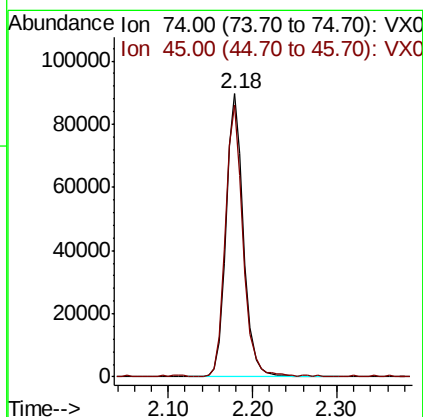
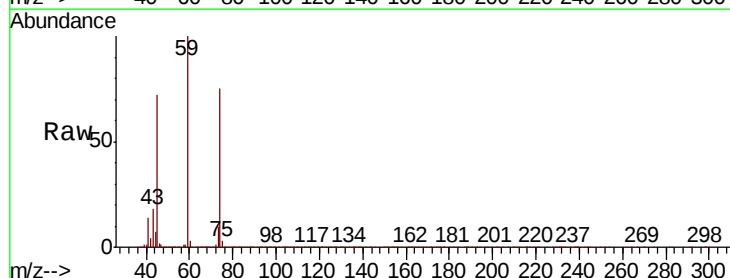
Tot Ion:101 Resp: 288135
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4

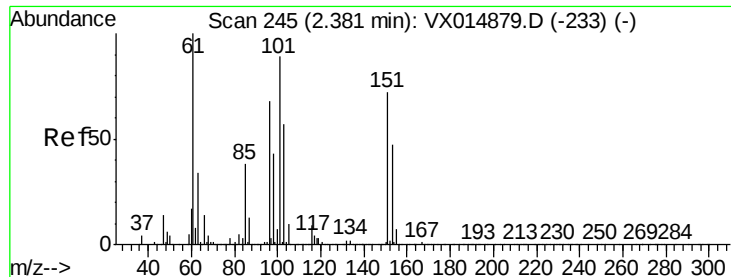


#8

Diethyl Ether
Concen: 48.448 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 74 Resp: 127045
Ion Ratio Lower Upper
74 100
45 96.4 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.952 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

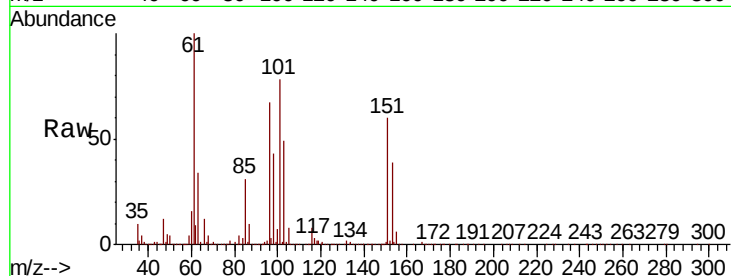
Tot Ion:101 Resp: 183356

Ion Ratio Lower Upper

101 100

85 41.2 34.1 51.1

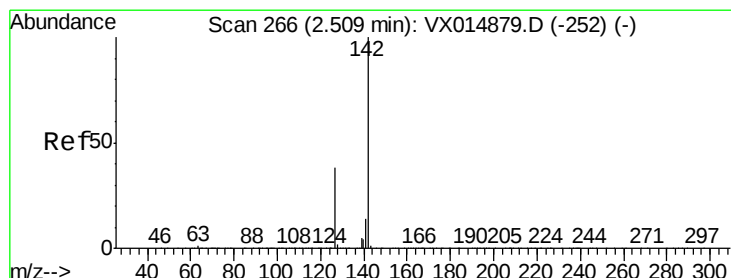
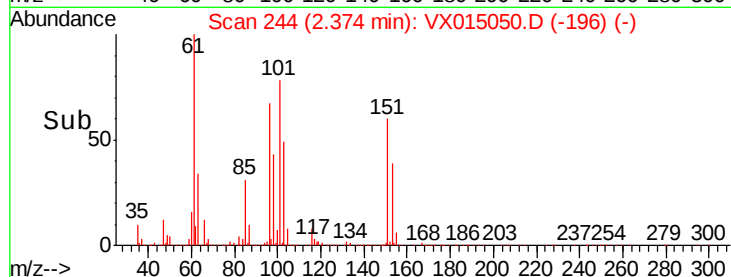
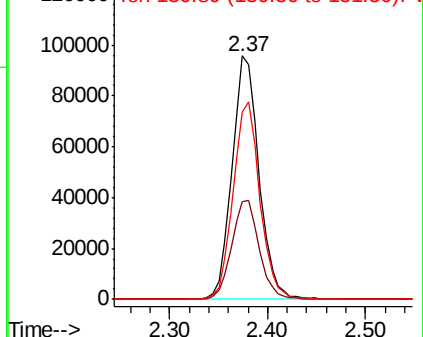
151 80.7 67.3 100.9



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: 48.659 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

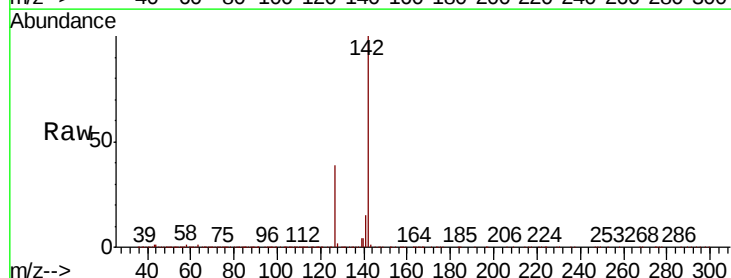
Tgt Ion:142 Resp: 198590

Ion Ratio Lower Upper

142 100

127 38.1 31.1 46.7

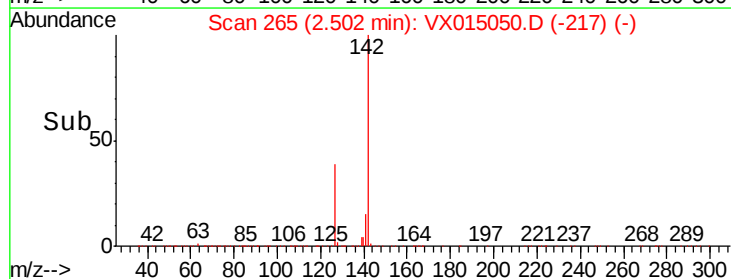
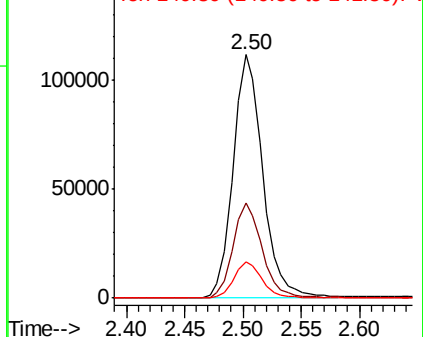
141 14.7 11.3 16.9

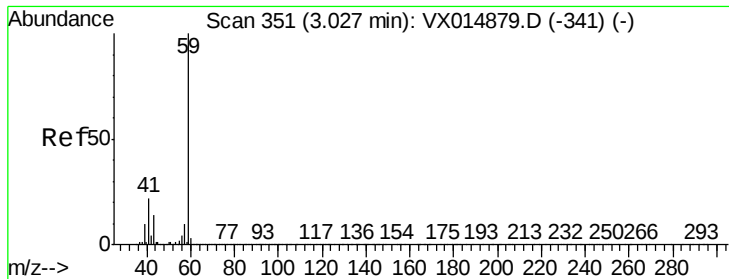


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



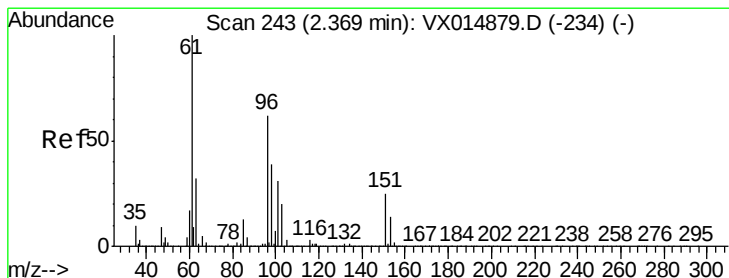
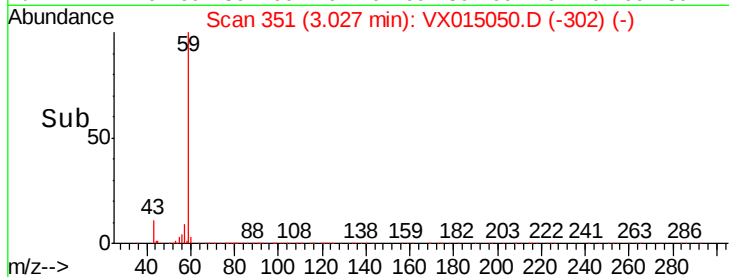
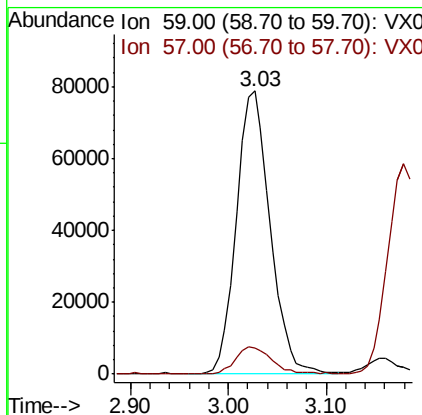
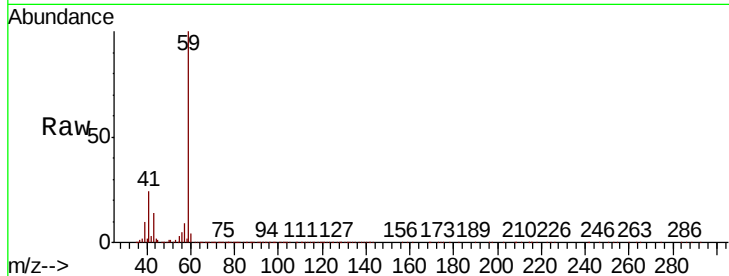


#11

Tert butyl alcohol
Concen: 242.088 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

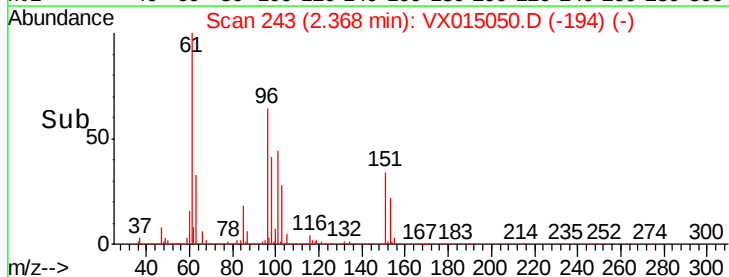
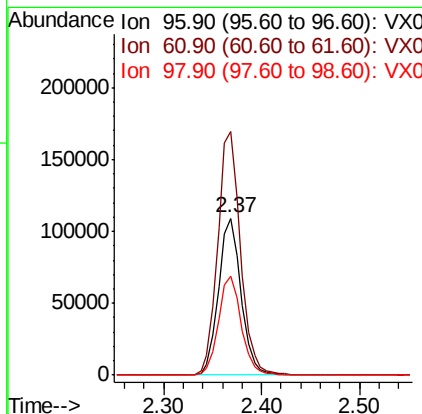
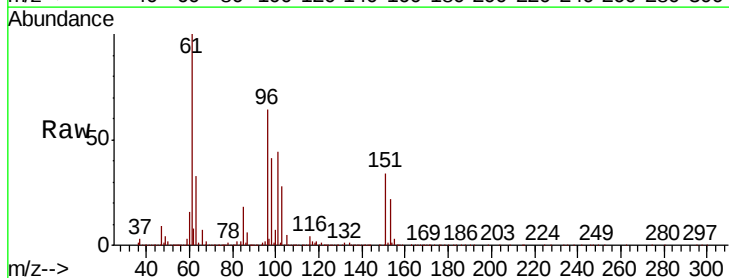
Tot Ion: 59 Resp: 188772
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

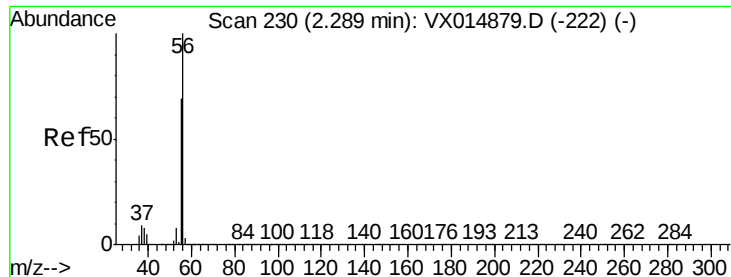


#12

1,1-Dichloroethene
Concen: 48.793 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 96 Resp: 175013
Ion Ratio Lower Upper
96 100
61 155.3 129.5 194.3
98 63.4 50.6 76.0

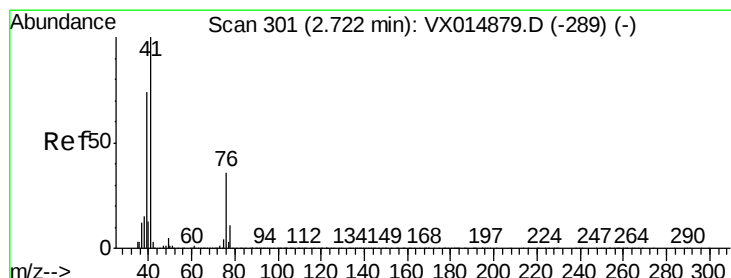
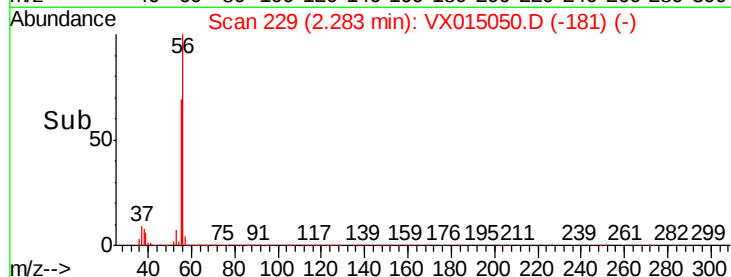
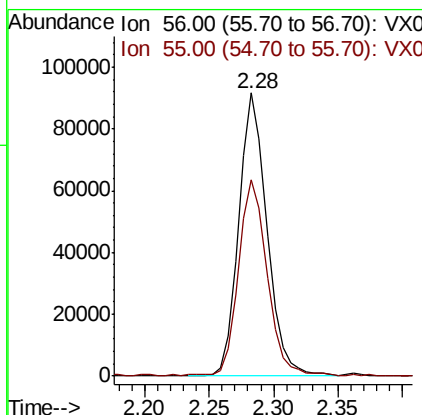
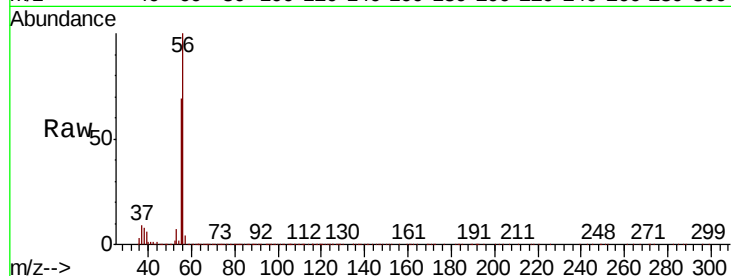




#13
Acrolein
Concen: 234.472 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

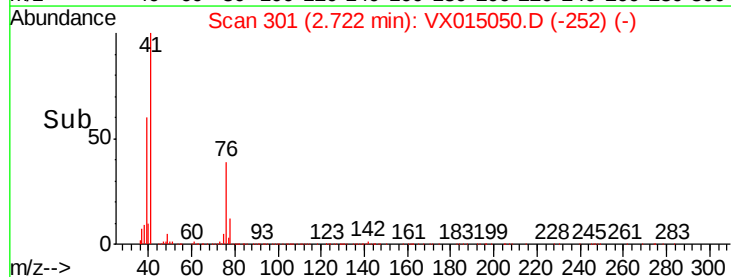
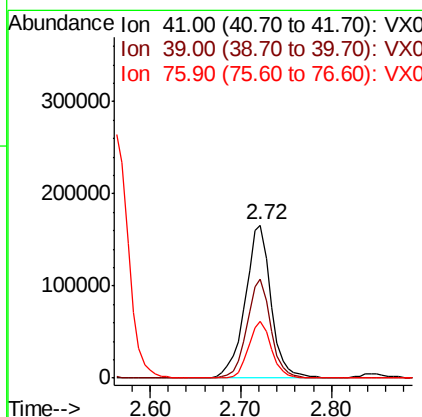
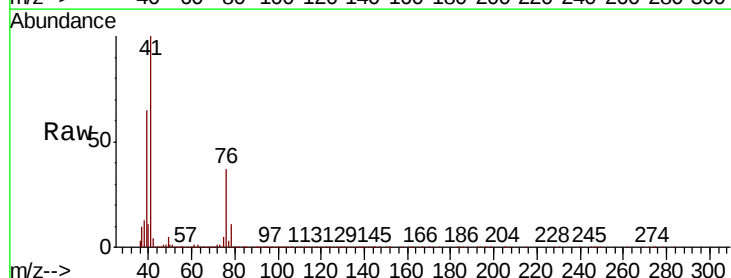
Instrument :
MSVOA_X
ClientSampled :

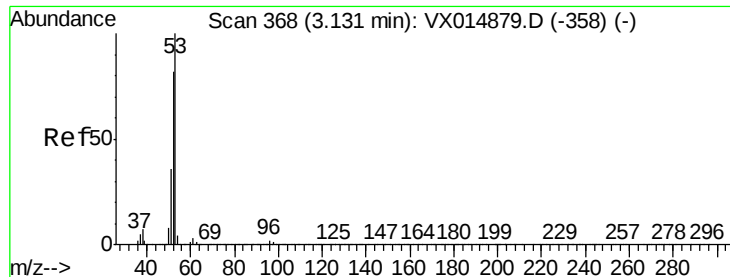
Tot Ion: 56 Resp: 139349
Ion Ratio Lower Upper
56 100
55 70.2 55.0 82.4



#14
Allyl chloride
Concen: 51.287 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 41 Resp: 326151
Ion Ratio Lower Upper
41 100
39 59.3 55.2 82.8
76 32.7 26.8 40.2

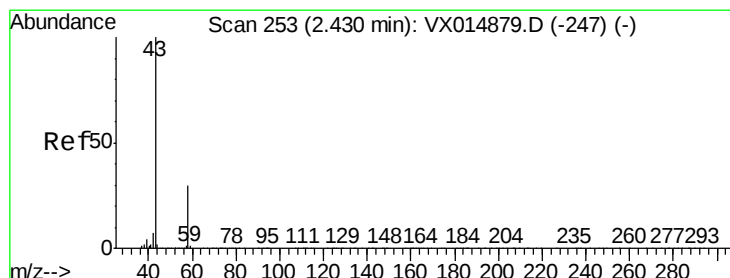
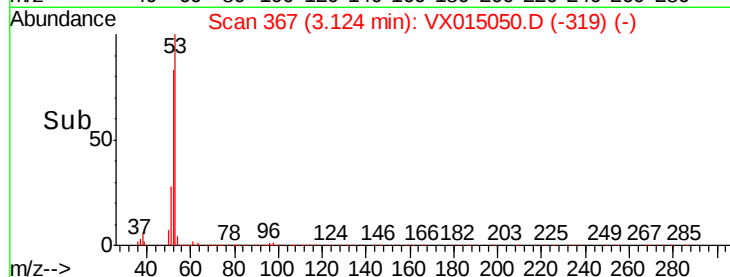
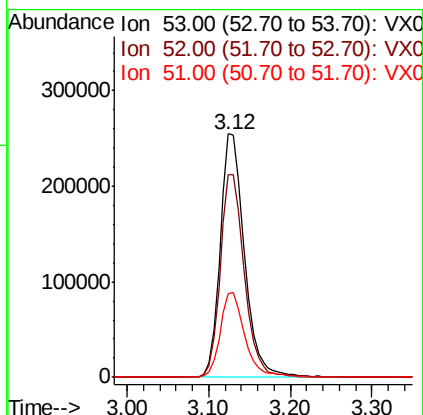
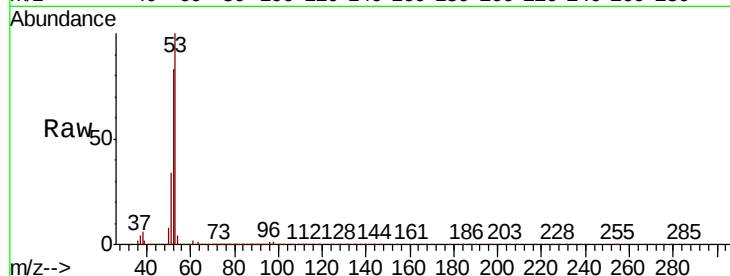




#15
 Acrylonitrile
 Concen: 266.401 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

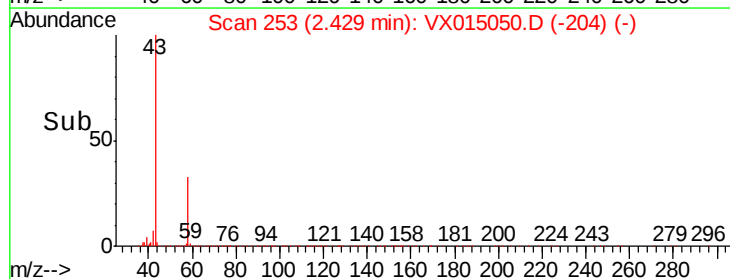
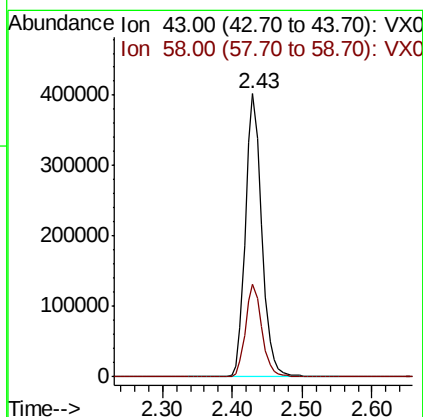
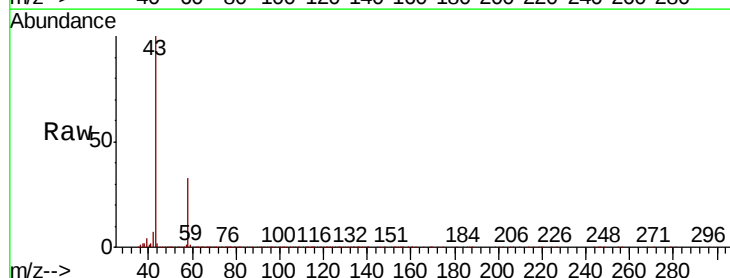
Instrument :
 MSVOA_X
 ClientSampleId :

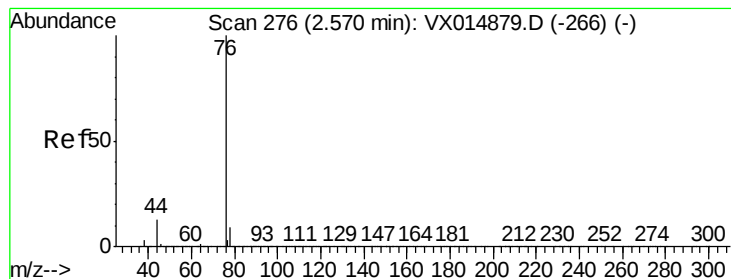
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	35.1	29.1	43.7



#16
 Acetone
 Concen: 277.239 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.1	36.1





#17

Carbon Disulfide

Concen: 43.286 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

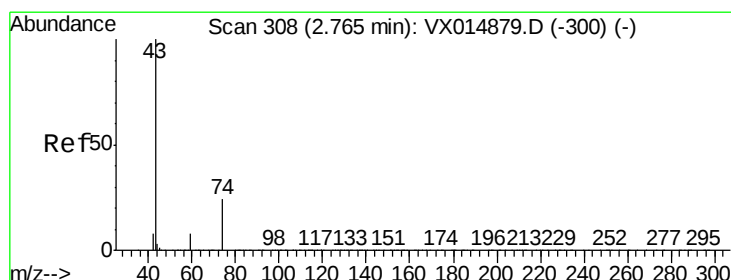
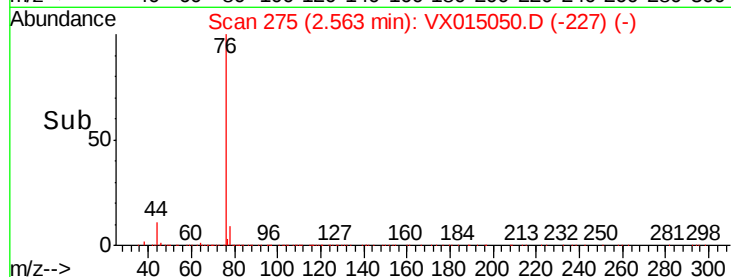
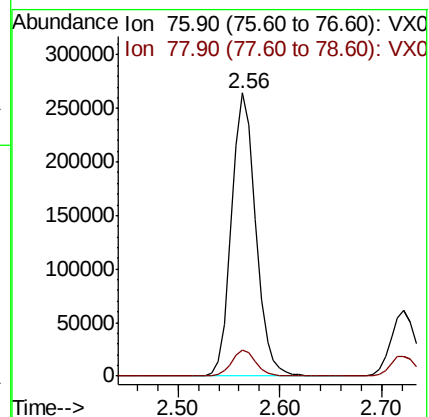
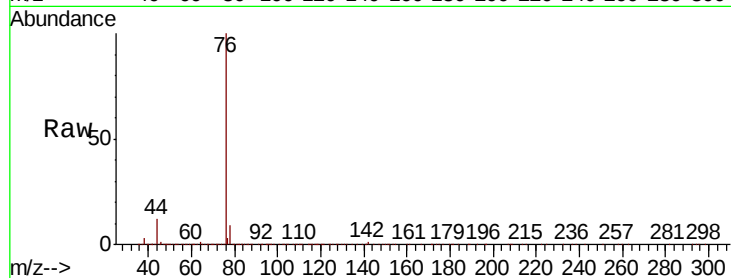
ClientSampled :

Tot Ion: 76 Resp: 433794

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 57.213 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015050.D

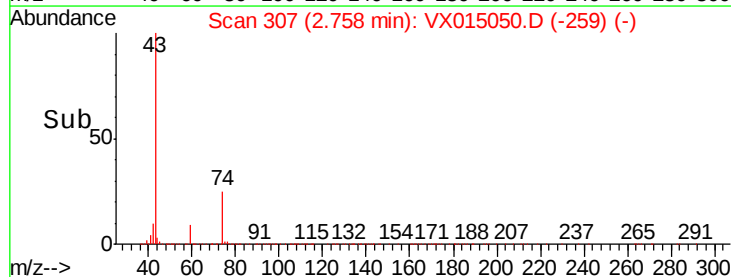
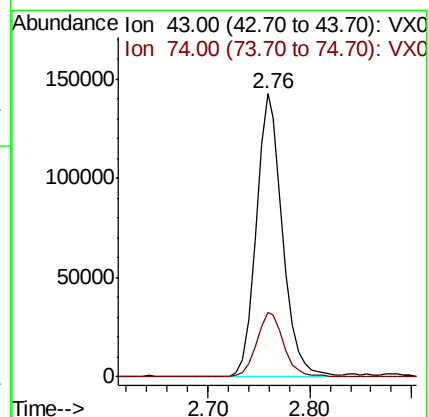
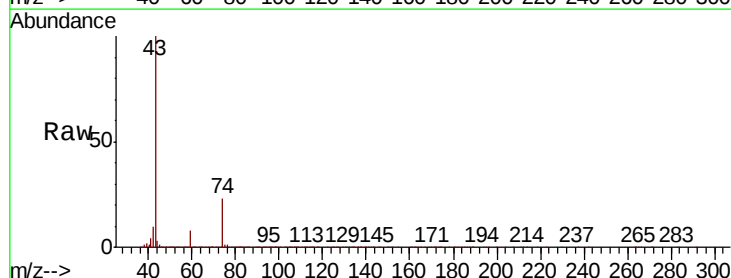
Acq: 28 Feb 2020 09:21

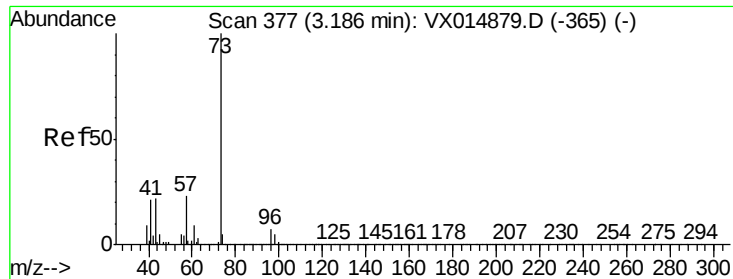
Tgt Ion: 43 Resp: 254478

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.0

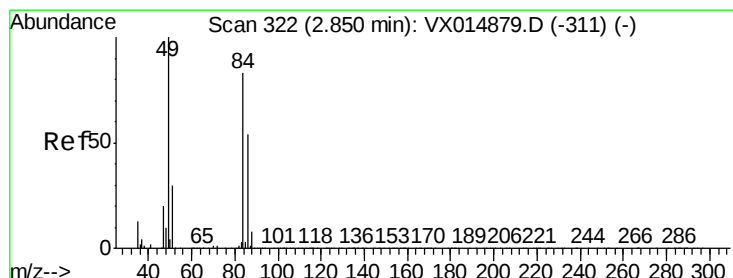
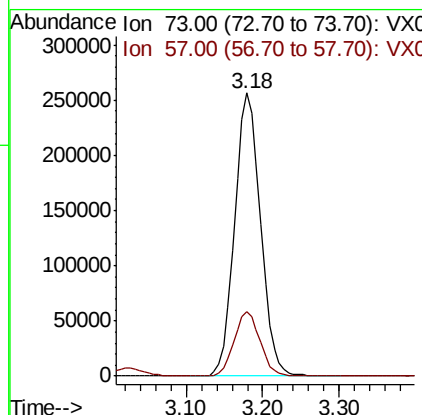
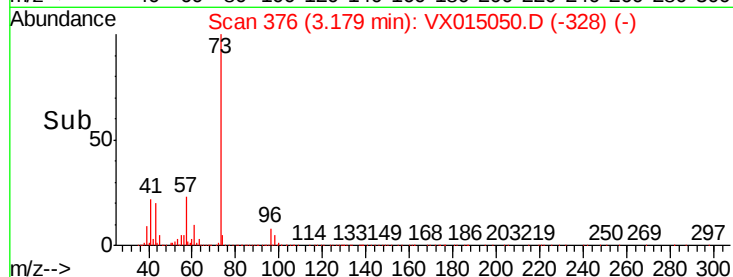
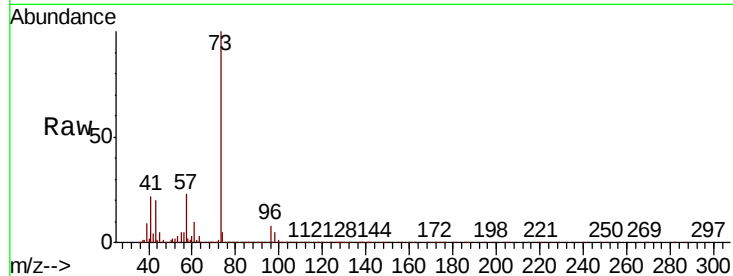




#19
Methyl tert-butyl Ether
Concen: 51.205 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

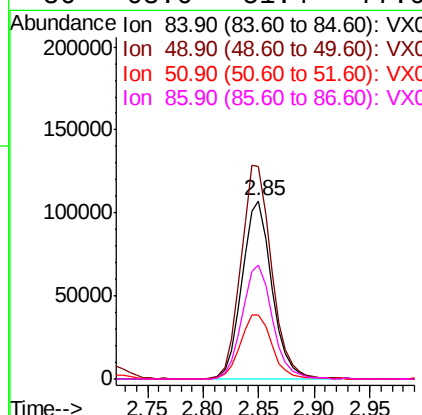
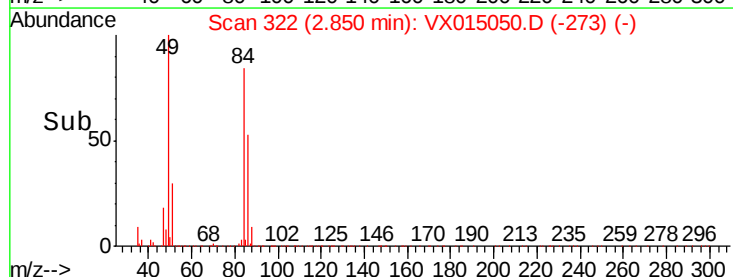
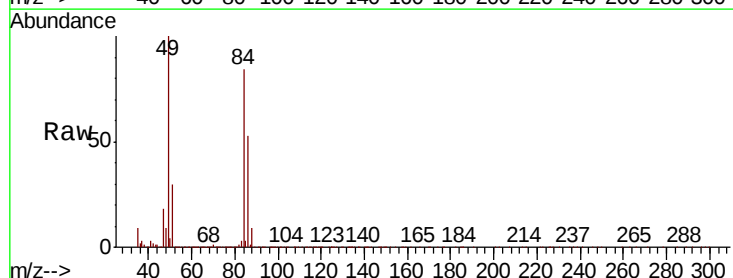
Instrument :
MSVOA_X
ClientSampleId :

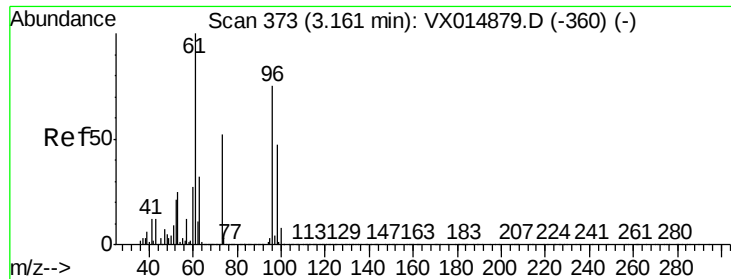
Tot Ion: 73 Resp: 597733
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 47.105 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 84 Resp: 200122
Ion Ratio Lower Upper
84 100
49 119.4 95.6 143.4
51 36.2 29.0 43.6
86 63.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.898 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

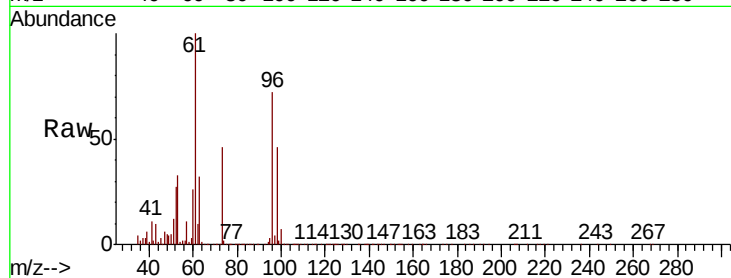
Tot Ion: 96 Resp: 189568

Ion Ratio Lower Upper

96 100

61 138.3 106.9 160.3

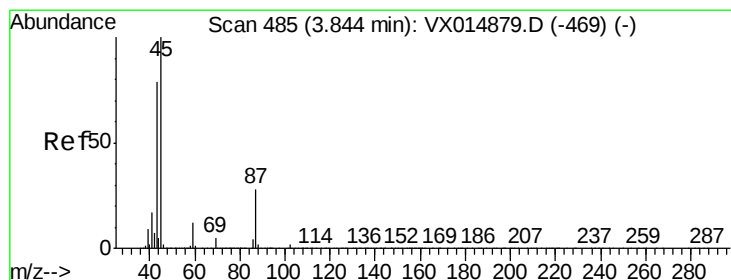
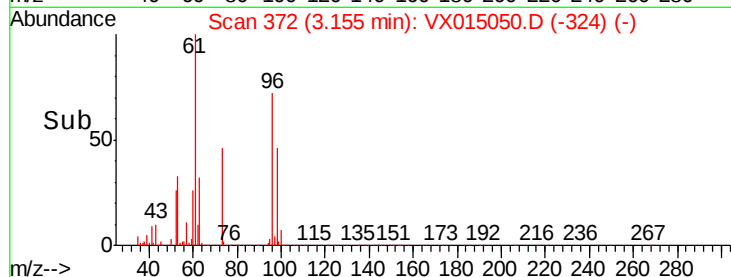
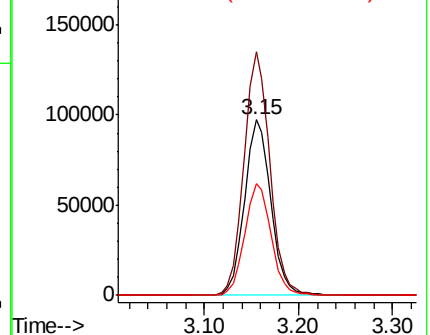
98 63.6 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.081 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Tgt Ion: 45 Resp: 669001

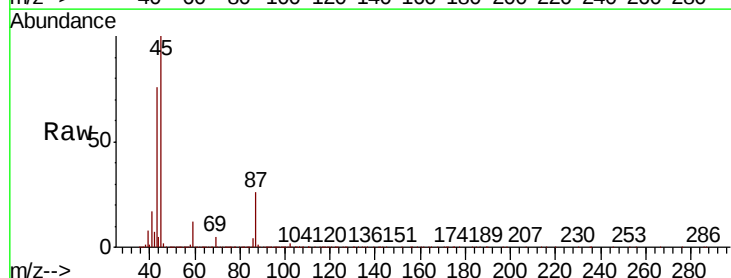
Ion Ratio Lower Upper

45 100

43 76.1 63.5 95.3

87 26.1 22.2 33.4

59 11.5 9.4 14.0

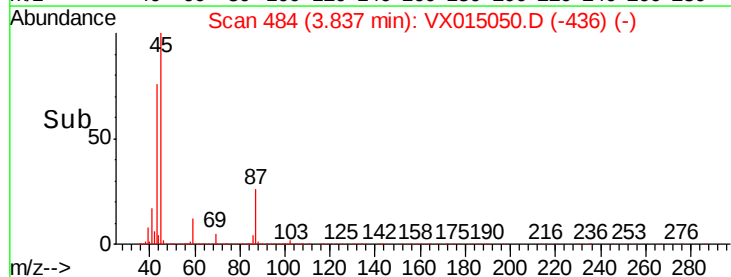
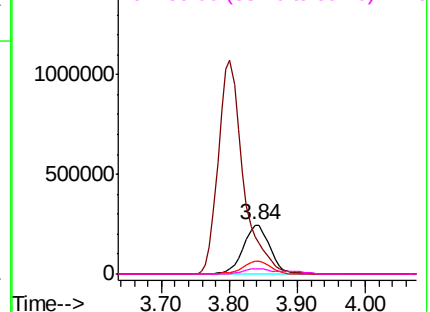


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 274.167 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

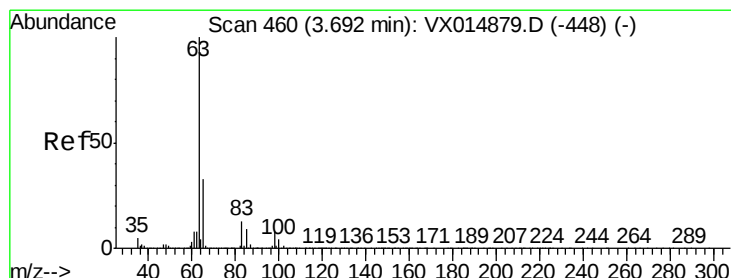
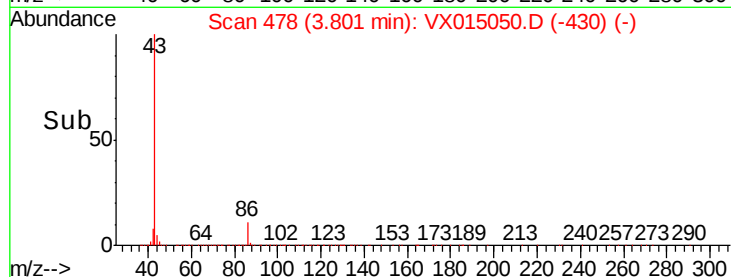
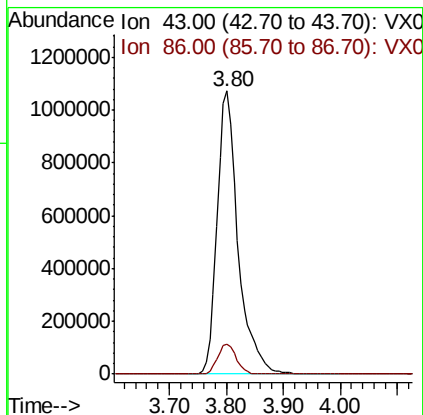
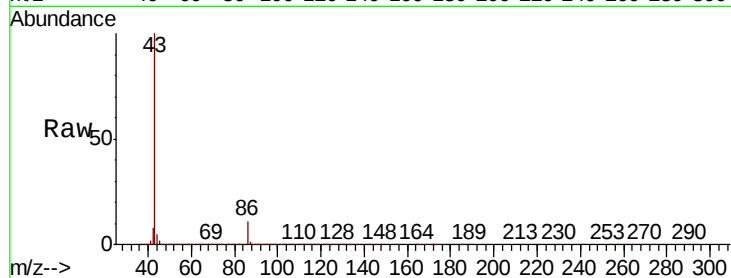
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2745060

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.242 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

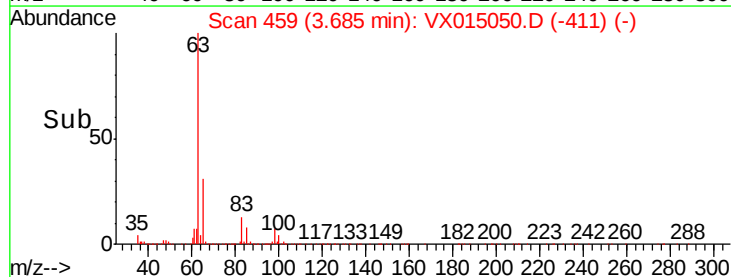
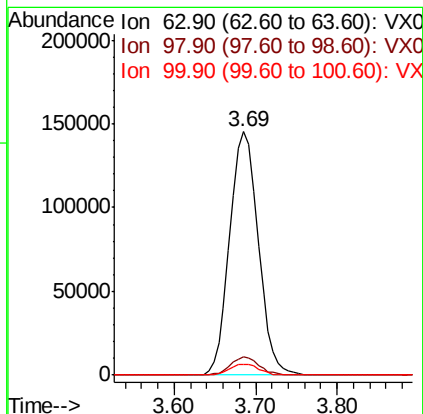
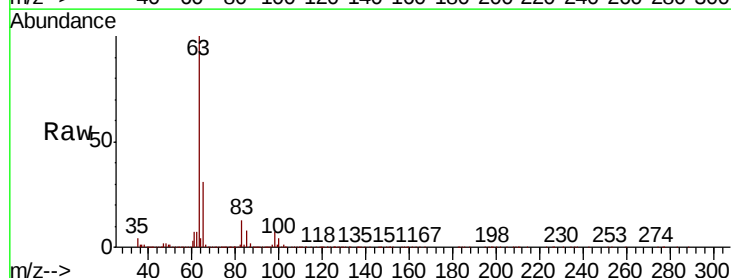
Tgt Ion: 63 Resp: 351252

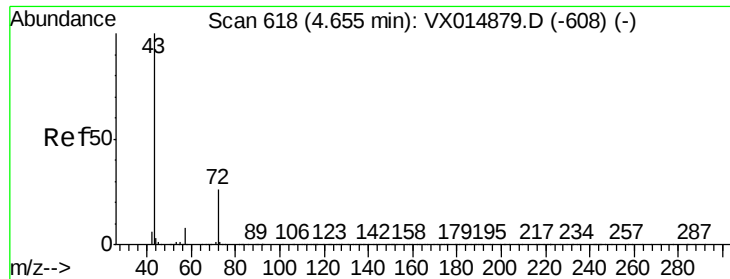
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 276.622 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

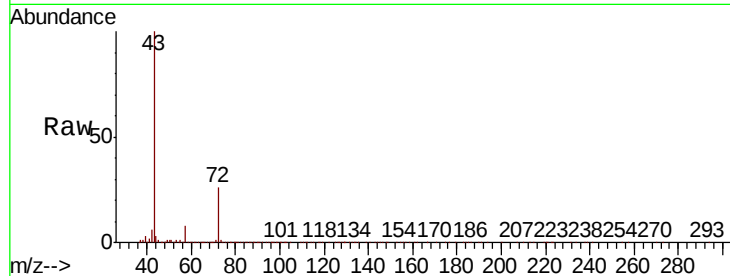
ClientSampleId :

Tot Ion: 43 Resp: 831703

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

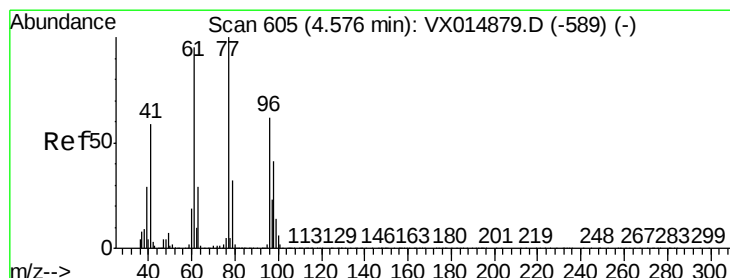
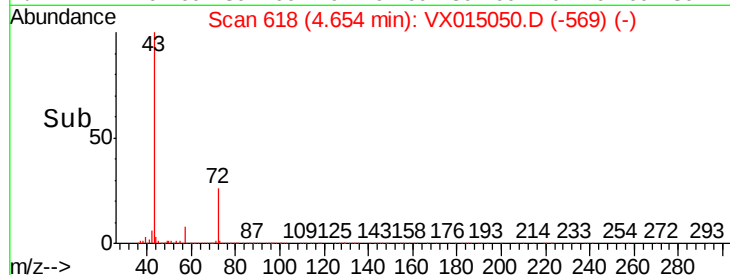
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.907 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015050.D

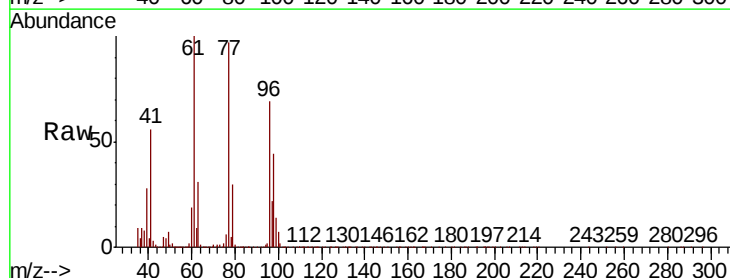
Acq: 28 Feb 2020 09:21

Tgt Ion: 77 Resp: 283008

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

100000

80000

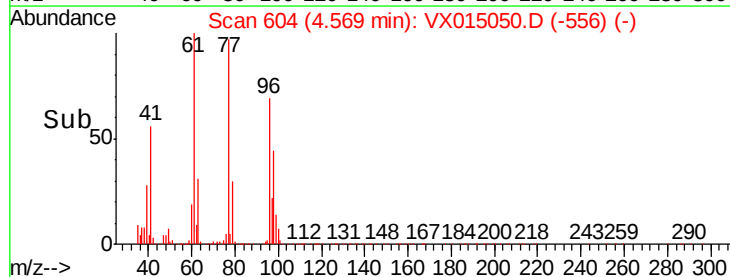
60000

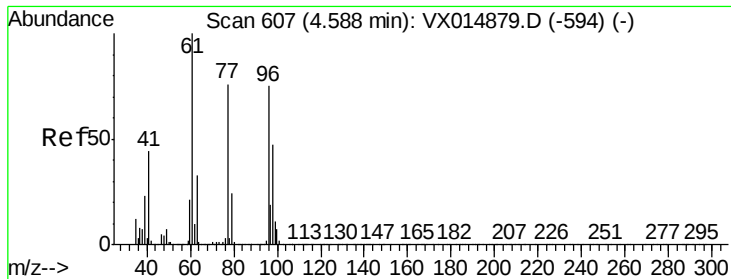
40000

20000

0

Time-->



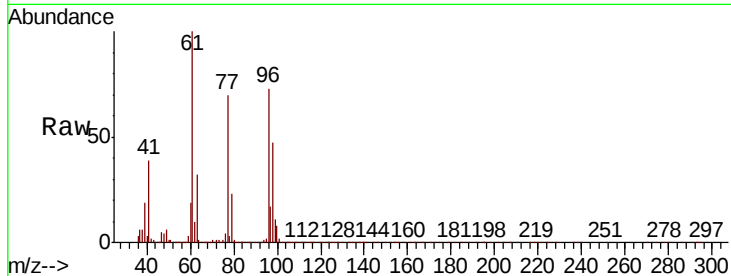


#27

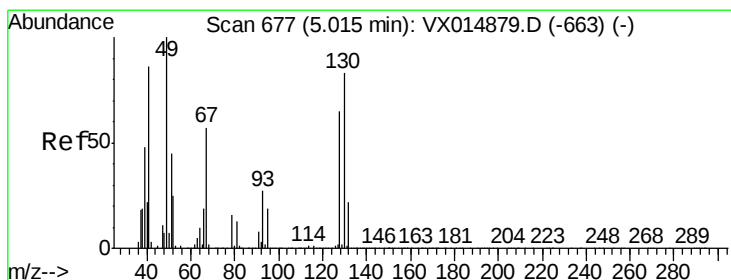
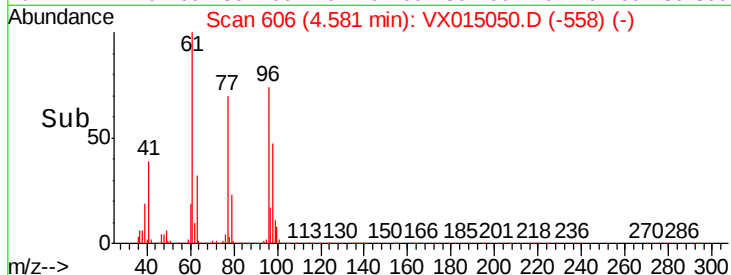
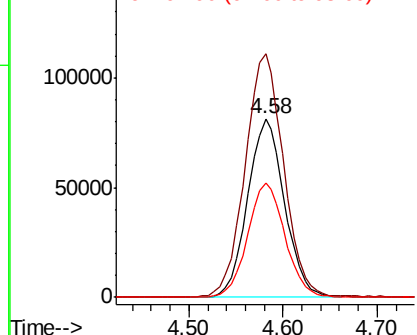
cis-1,2-Dichloroethene
Concen: 50.410 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	286.2
98	65.2	0.0	131.0



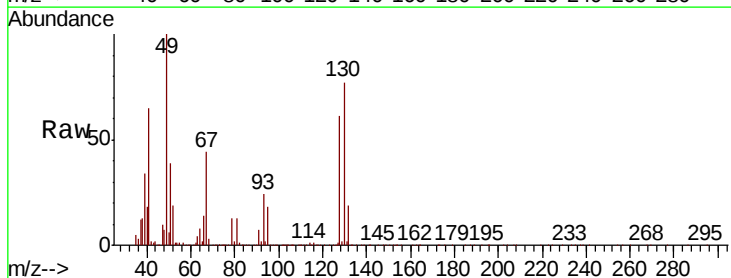
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



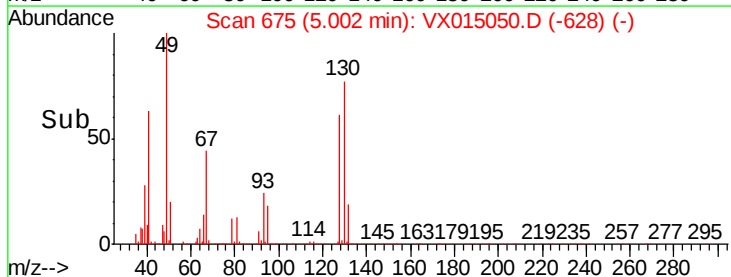
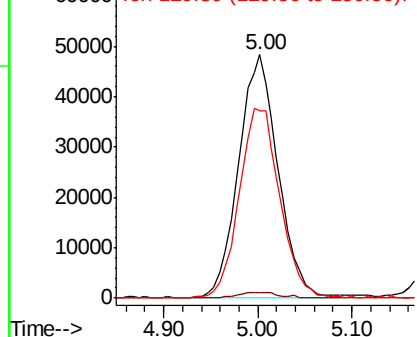
#28

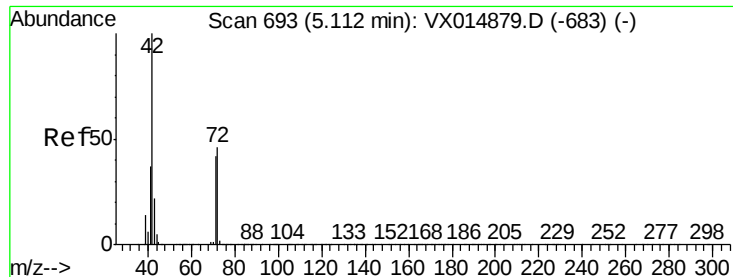
Bromochloromethane
Concen: 52.862 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	81.2	67.4	101.2



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

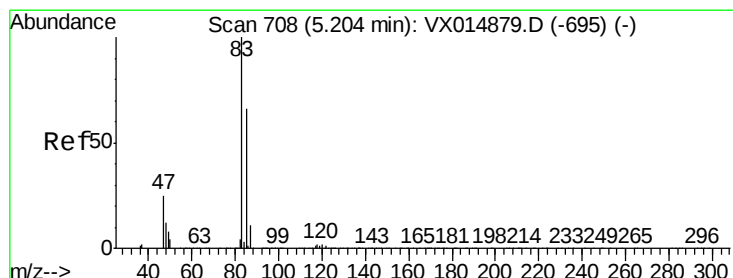
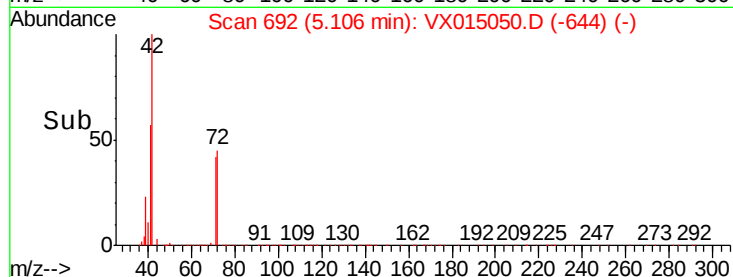
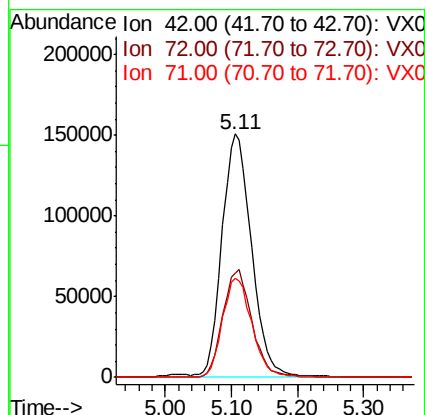
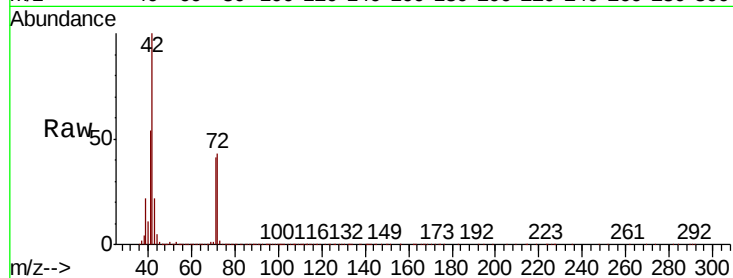




#29
Tetrahydrofuran
Concen: 271.523 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

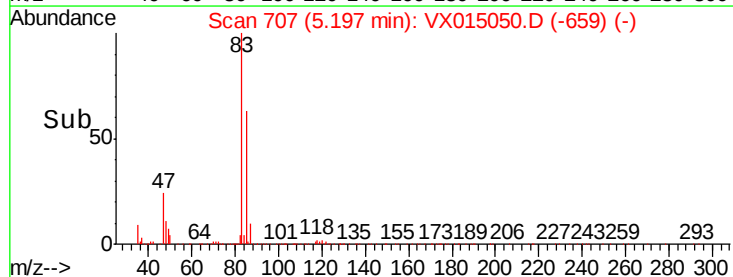
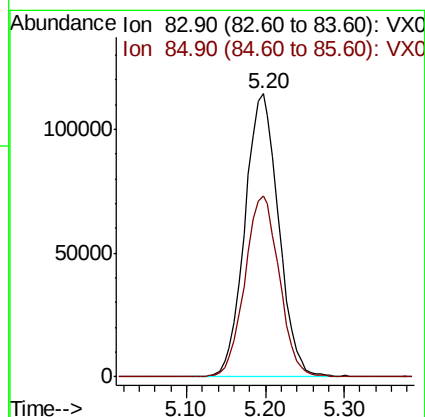
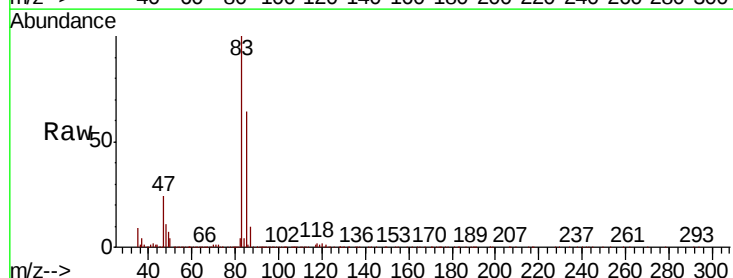
Instrument :
MSVOA_X
ClientSampleId :

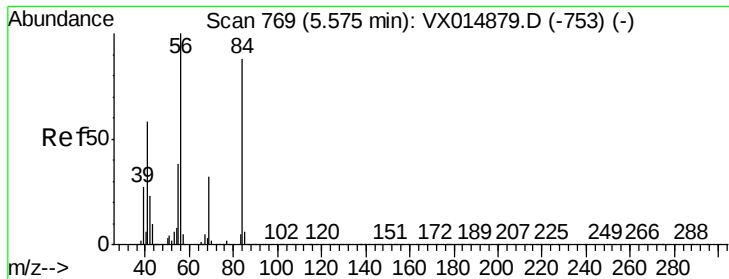
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.9	55.3
71	40.9	34.1	51.1



#30
Chloroform
Concen: 49.981 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.9	79.3





#31

Cyclohexane

Concen: 50.588 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

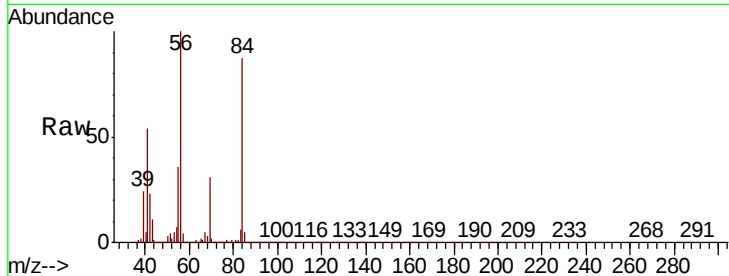
Tot Ion: 56 Resp: 315845

Ion Ratio Lower Upper

56 100

69 30.7 25.9 38.9

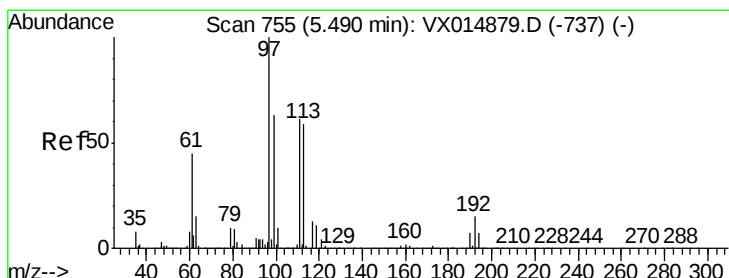
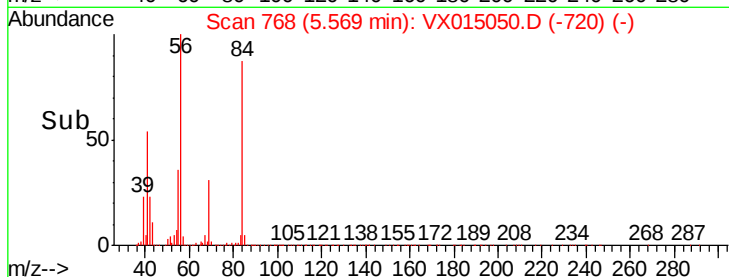
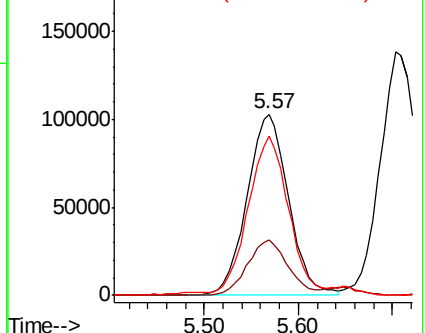
84 86.0 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.517 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

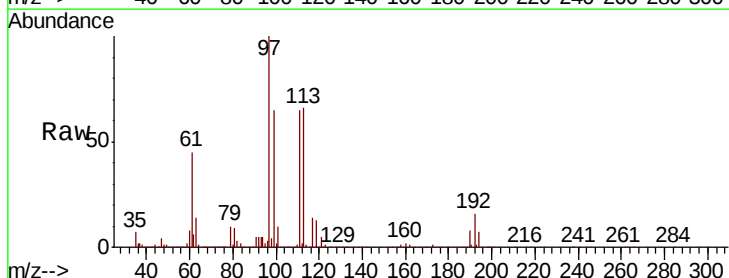
Tgt Ion: 97 Resp: 288637

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

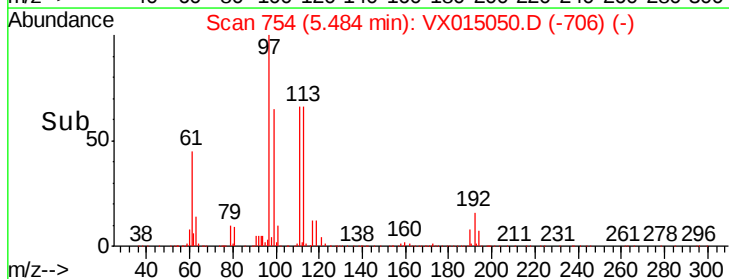
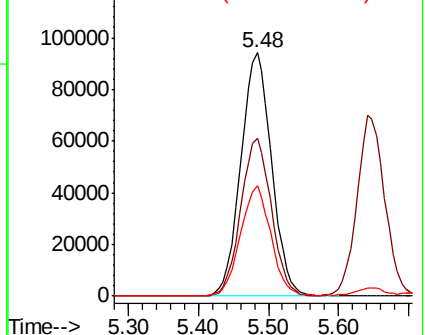
61 44.1 36.3 54.5

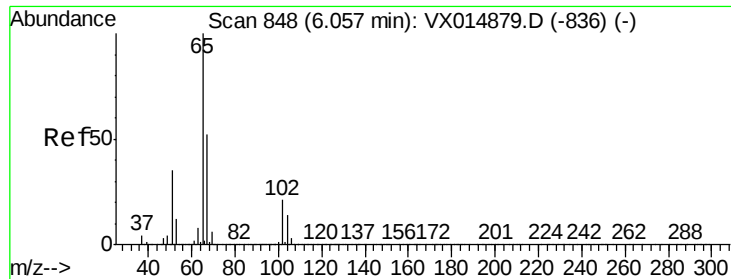


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.544 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

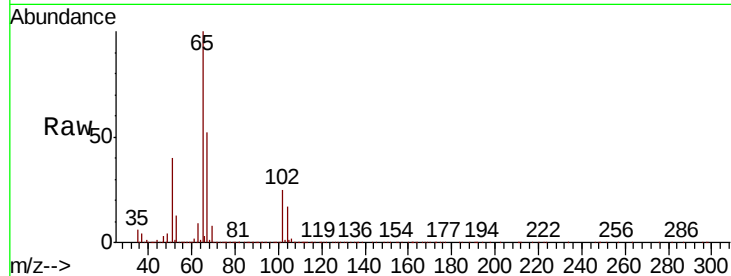
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 201137

Ion Ratio Lower Upper

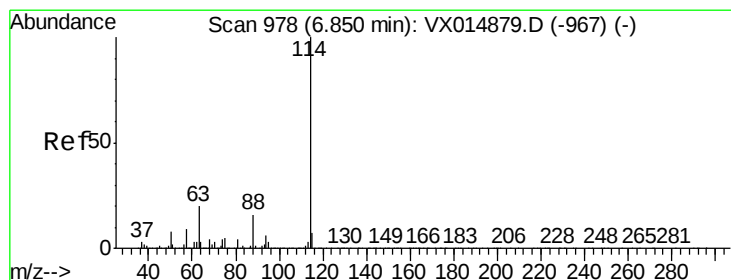
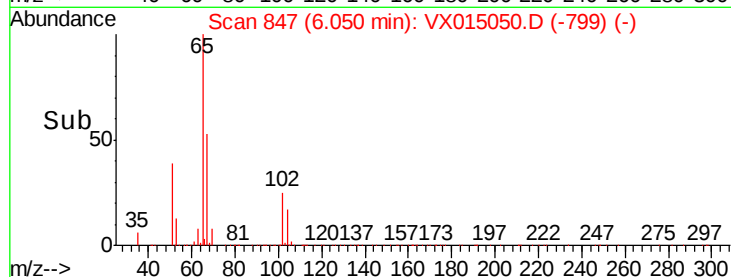
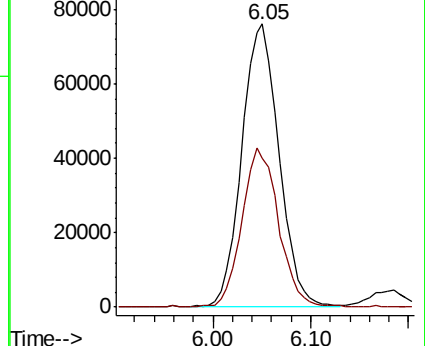
65 100

67 54.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

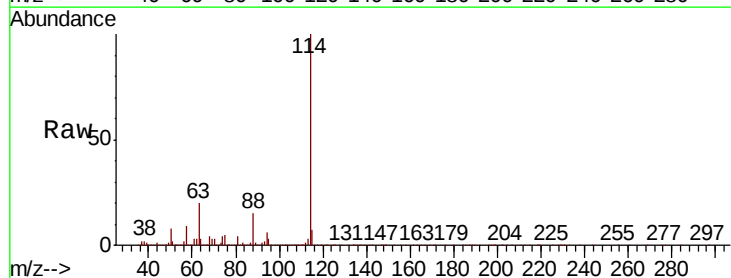
Tgt Ion: 114 Resp: 572304

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

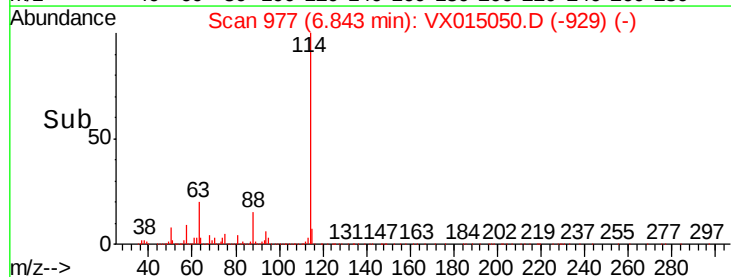
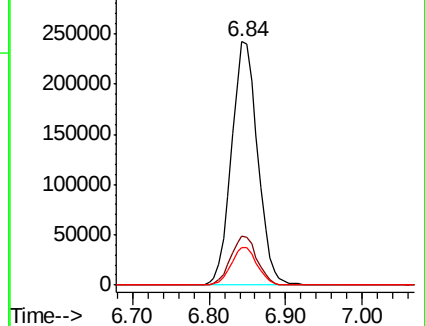
88 15.5 0.0 32.0

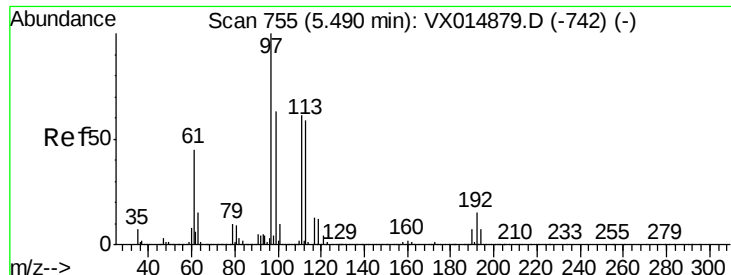


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

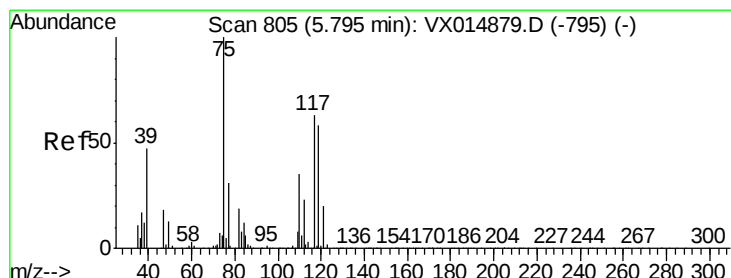
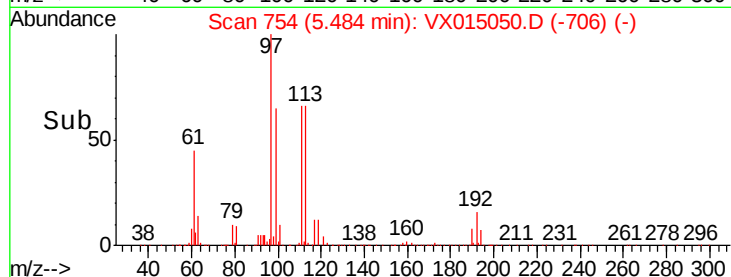
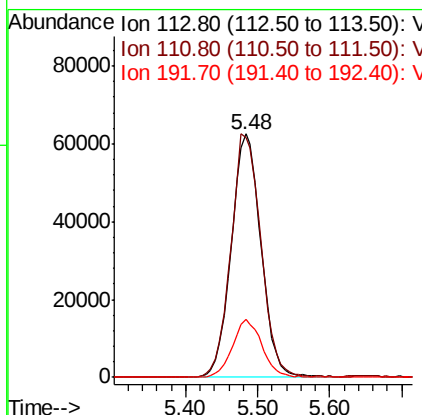
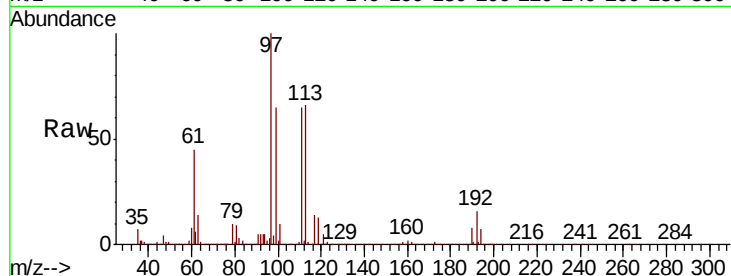




#35
 Dibromofluoromethane
 Concen: 50.367 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

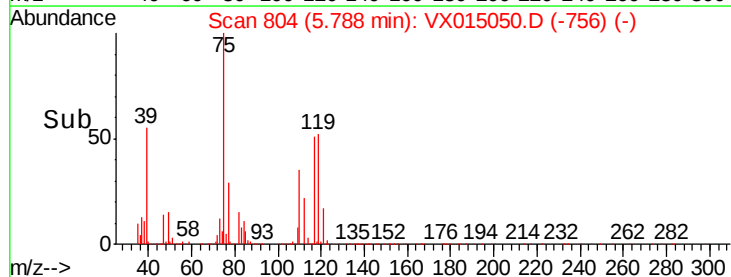
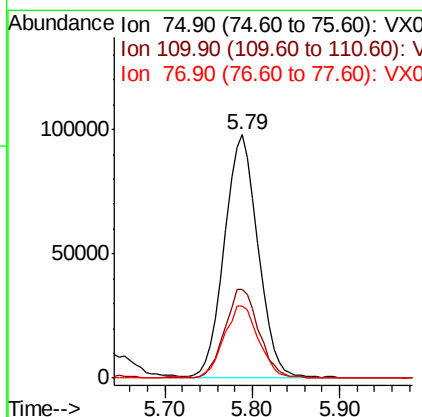
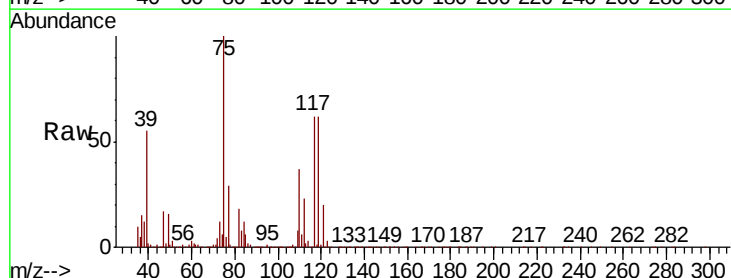
Instrument :
 MSVOA_X
 ClientSampleId :

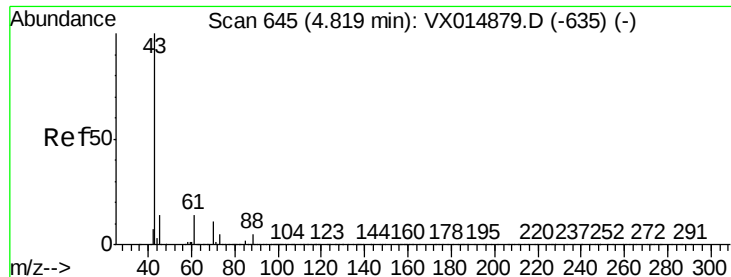
Tot Ion:113 Resp: 177209
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 50.783 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion: 75 Resp: 259978
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.3 54.8
 77 30.1 24.6 36.8

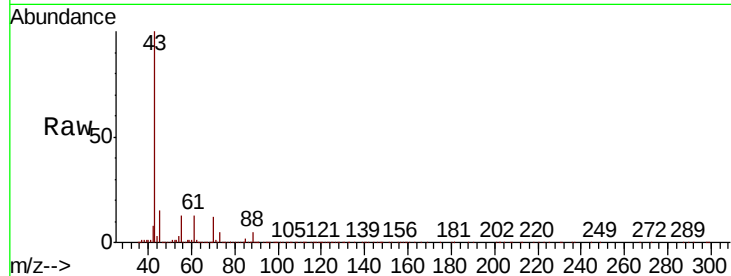




#37
Ethyl Acetate
Concen: 52.465 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.7	8.7	13.1

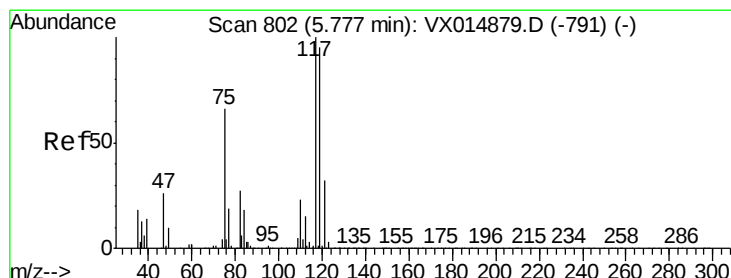
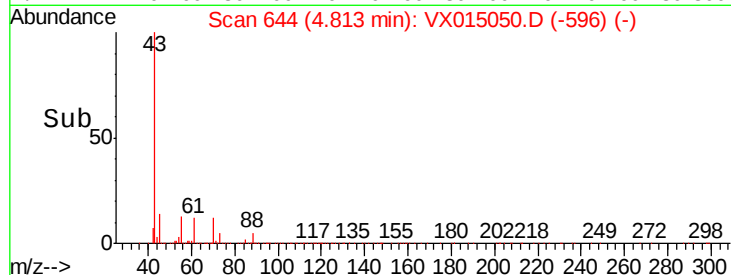
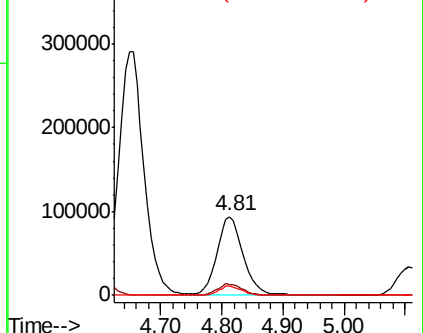


Abundance

Ion 43.00 (42.70 to 43.70): VX0

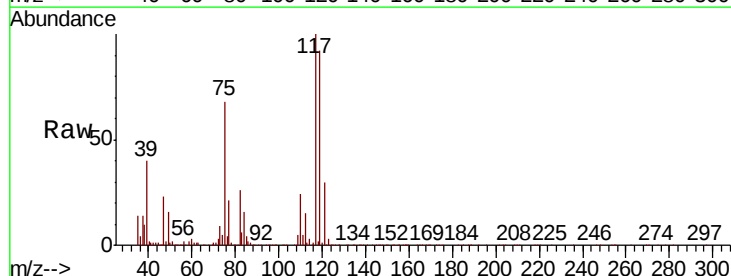
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 50.341 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.0	114.0
121	30.0	25.4	38.2

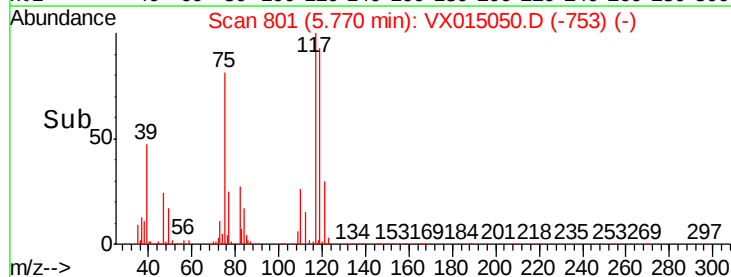
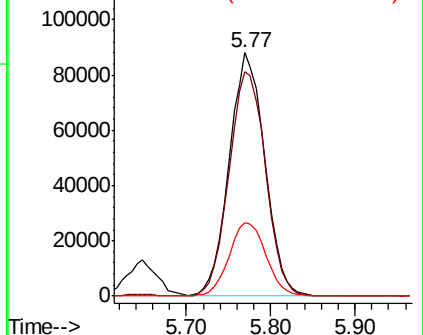


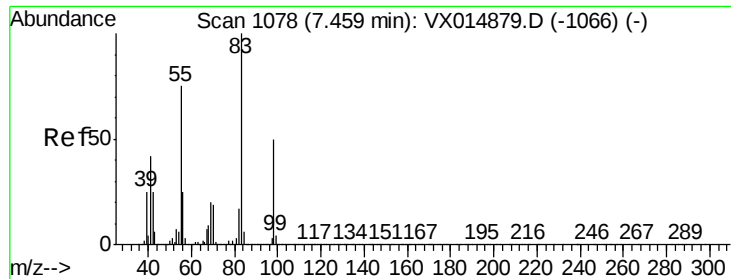
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

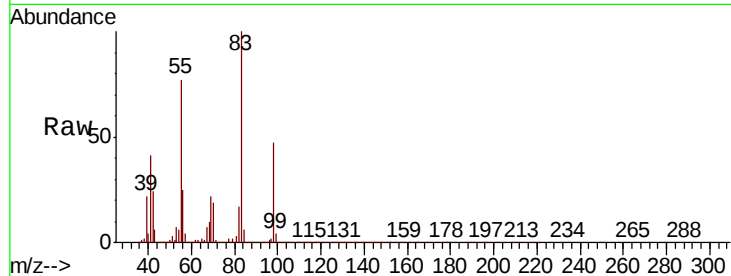




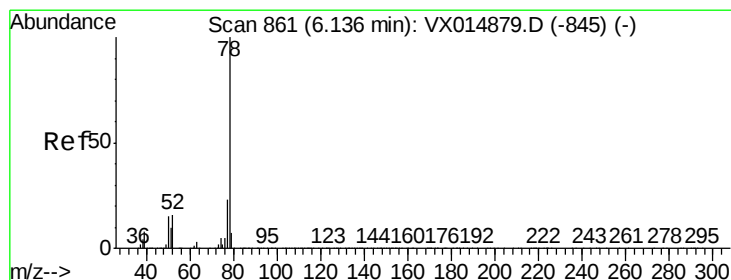
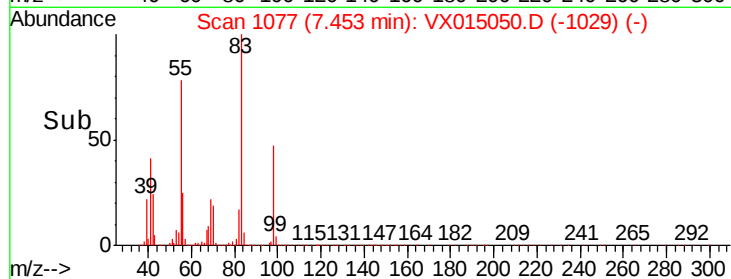
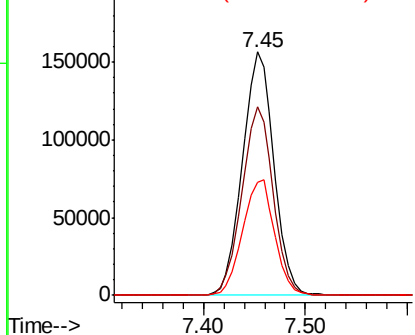
#39
Methvlcvclohexane
Concen: 52.338 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.0	90.0
98	46.6	39.6	59.4

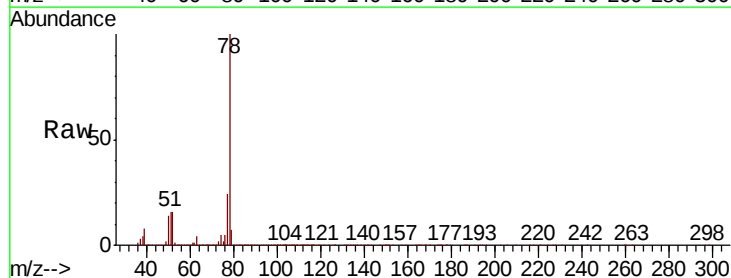


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

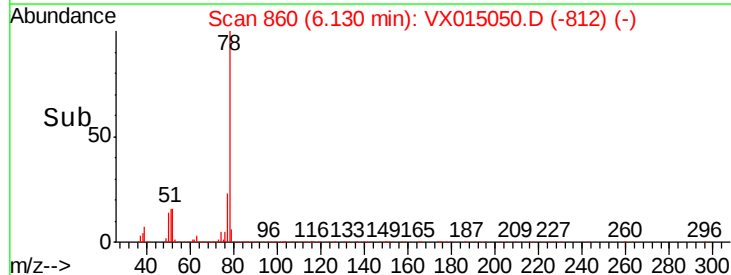
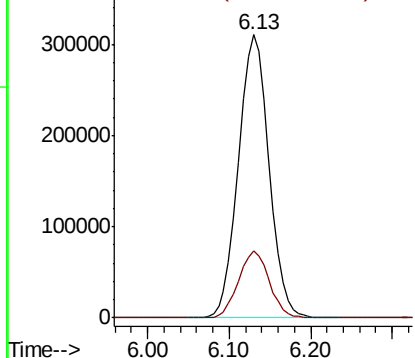


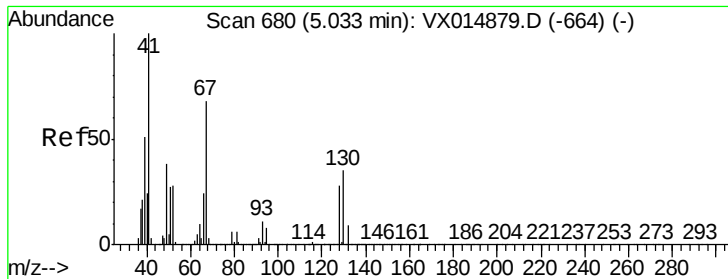
#40
Benzene
Concen: 52.947 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



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





#41

Methacrylonitrile

Concen: 55.581 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 159876

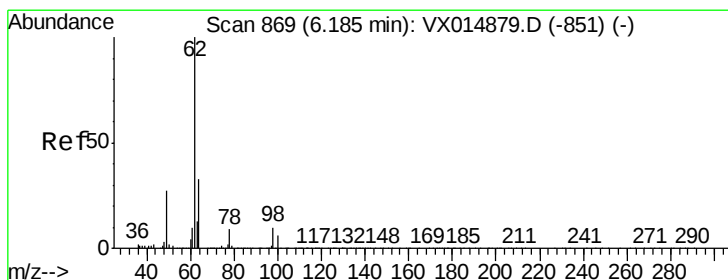
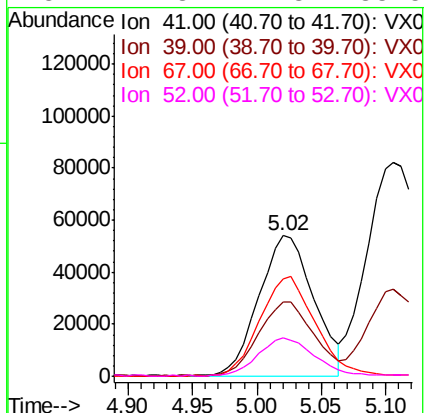
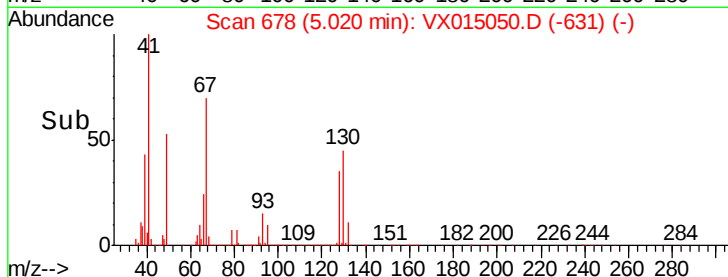
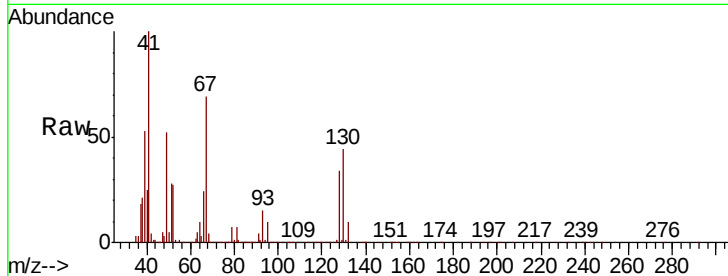
Ion Ratio Lower Upper

41 100

39 52.7 44.7 67.1

67 71.8 56.6 84.8

52 27.3 22.3 33.5



#42

1,2-Dichloroethane

Concen: 47.972 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015050.D

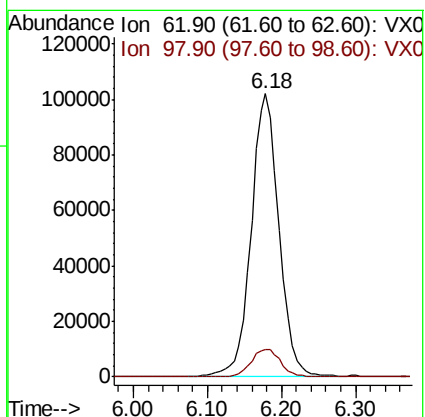
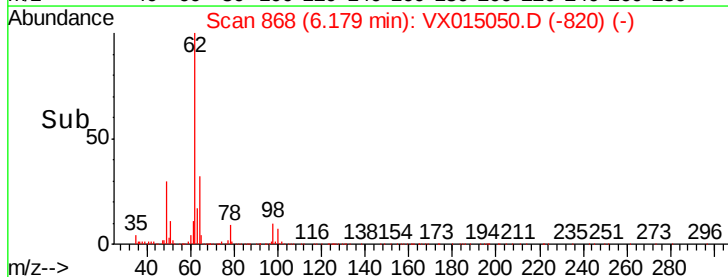
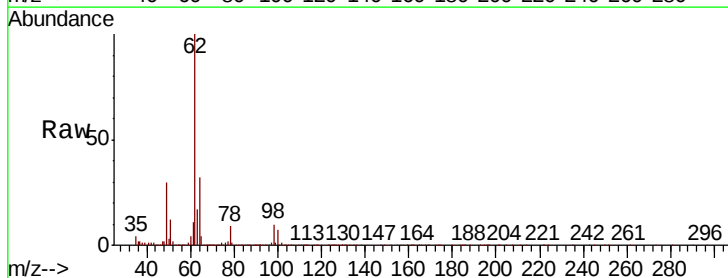
Acq: 28 Feb 2020 09:21

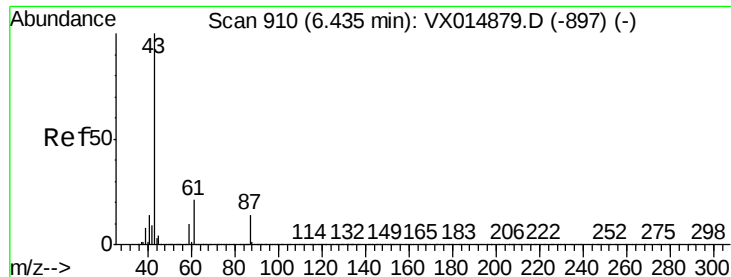
Tgt Ion: 62 Resp: 265210

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.2



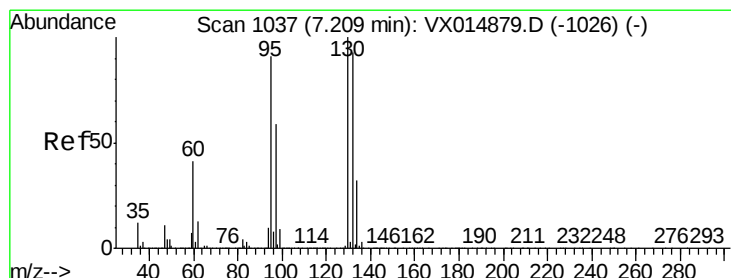
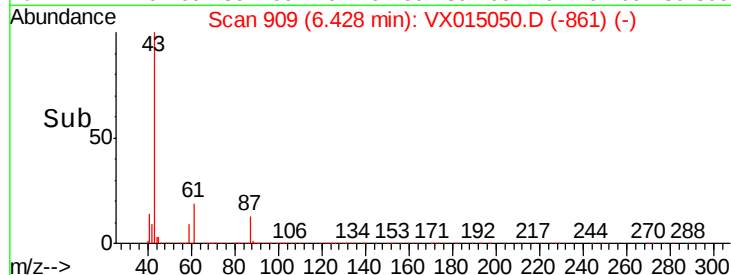
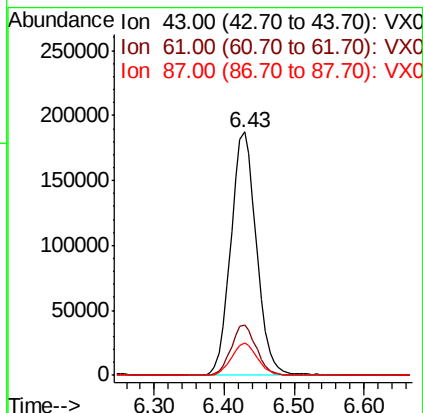
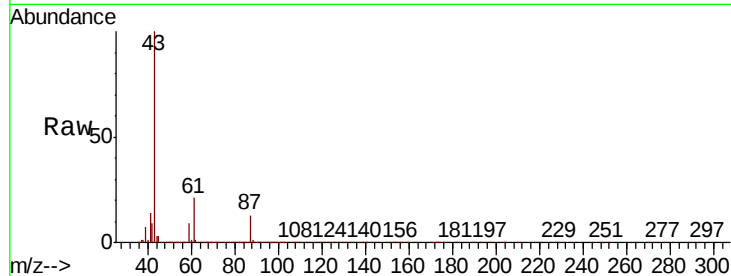


#43

Isopropyl Acetate
 Concen: 53.885 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Instrument :
 MSVOA_X
 ClientSampleId :

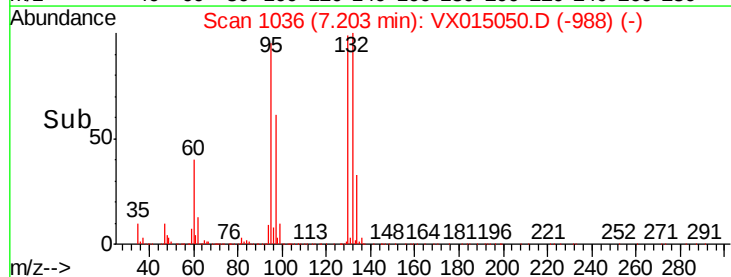
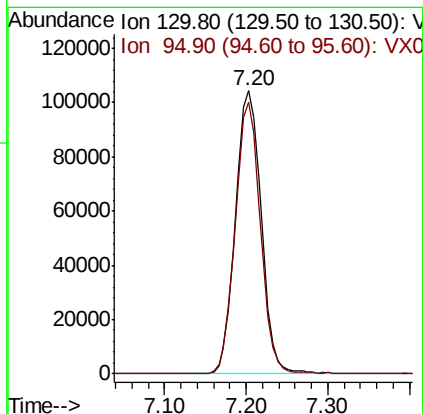
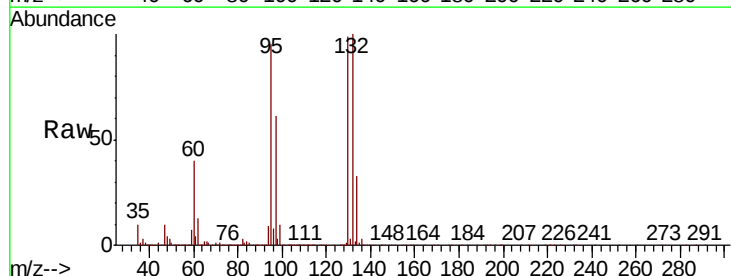
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	13.4	11.0	16.6

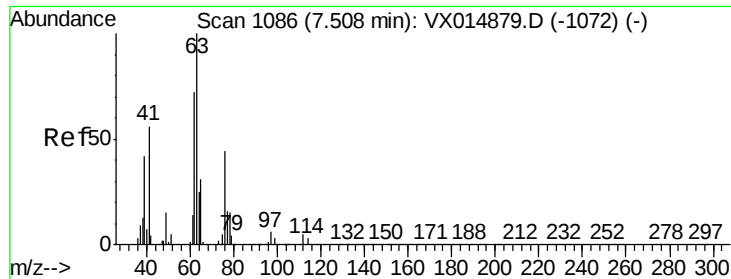


#44

Trichloroethene
 Concen: 51.124 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	182.6

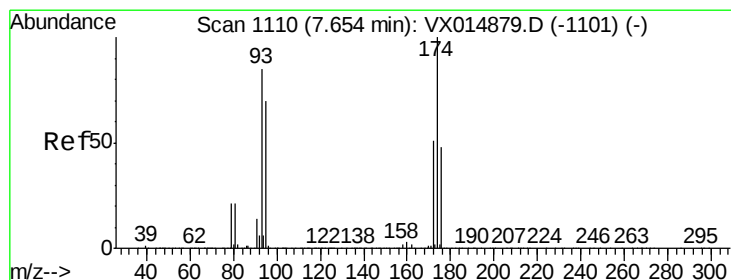
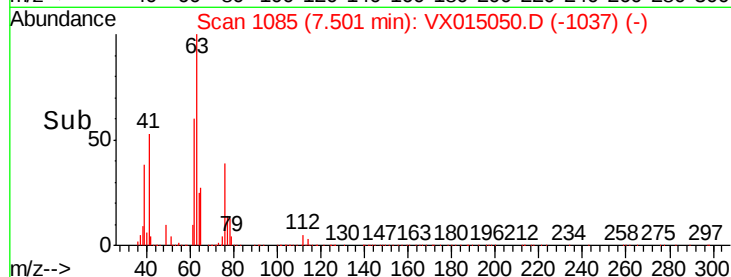
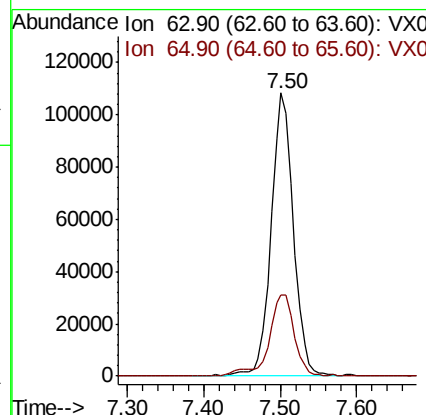
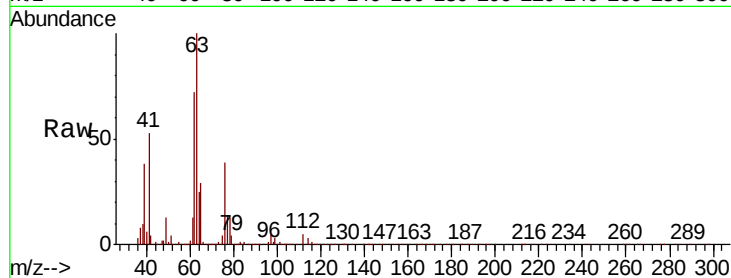




#45
 1,2-Dichloropropane
 Concen: 56.161 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

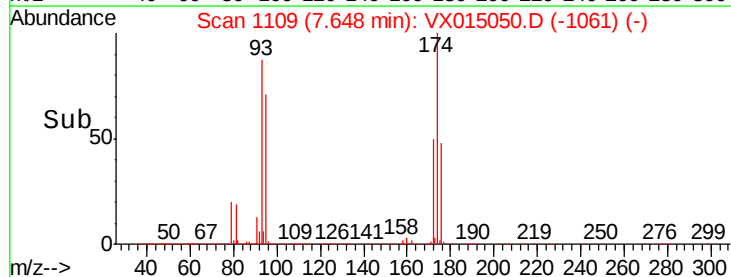
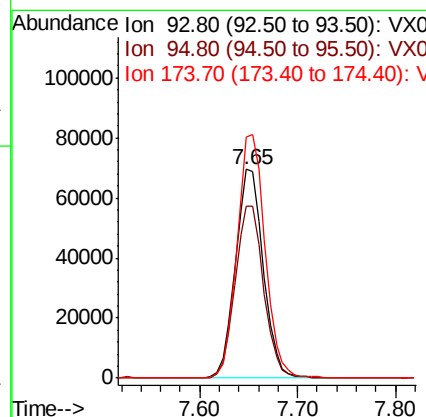
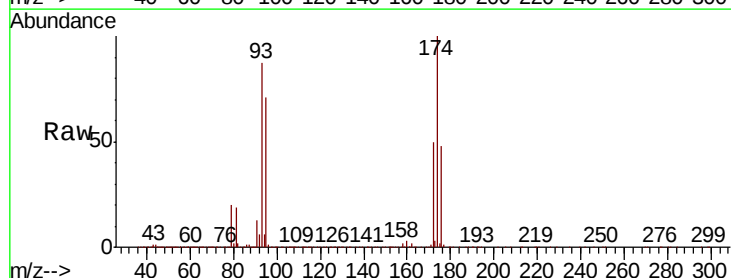
Instrument :
 MSVOA_X
 ClientSampleId :

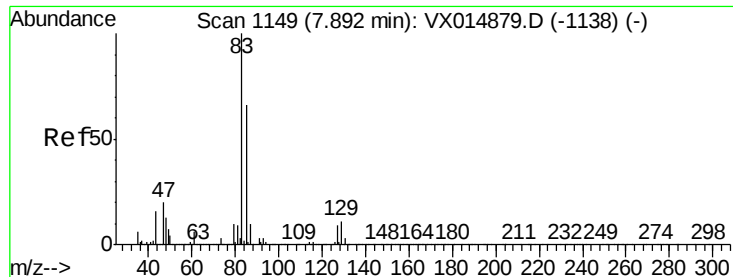
Tot Ion: 63 Resp: 219083
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.9 37.3



#46
 Dibromomethane
 Concen: 51.354 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion: 93 Resp: 136935
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.8
 174 118.0 95.4 143.2

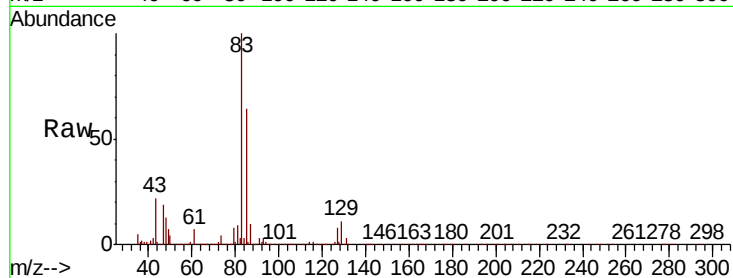




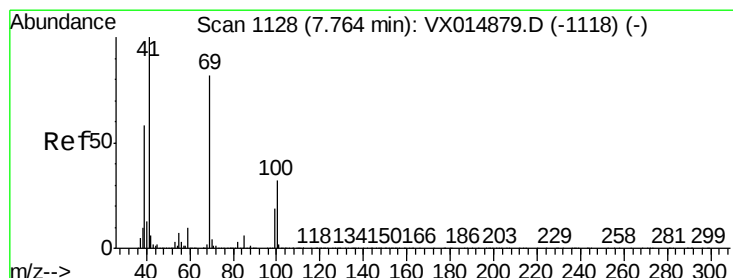
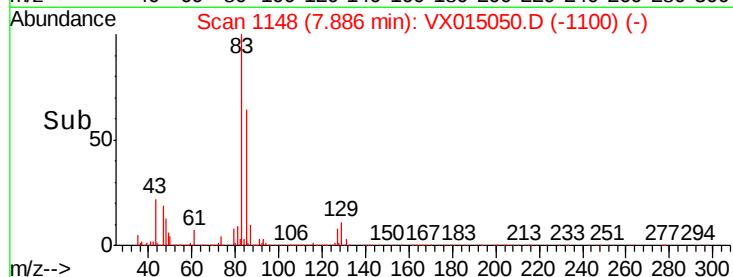
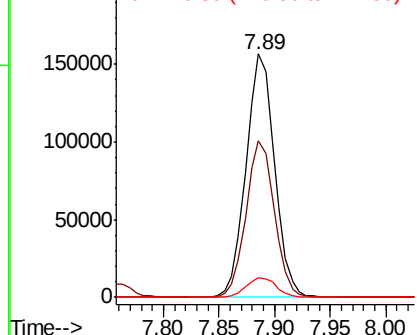
#47
Bromodichloromethane
Concen: 52.824 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 279284
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7
127 8.2 7.4 11.0

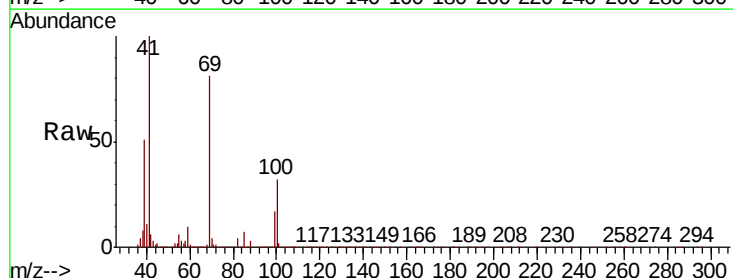


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

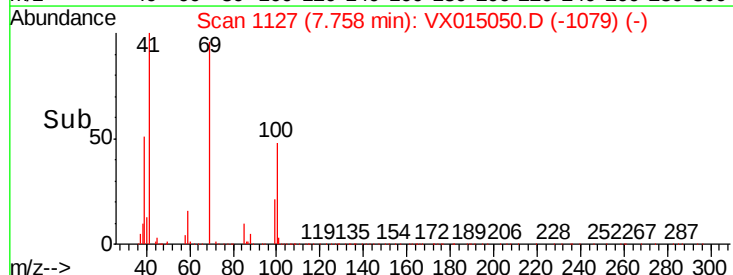
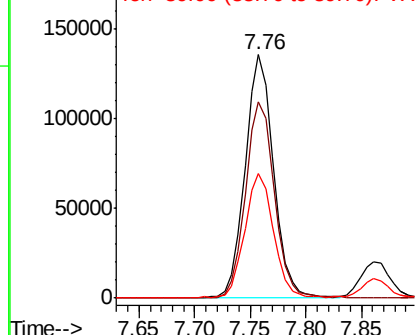


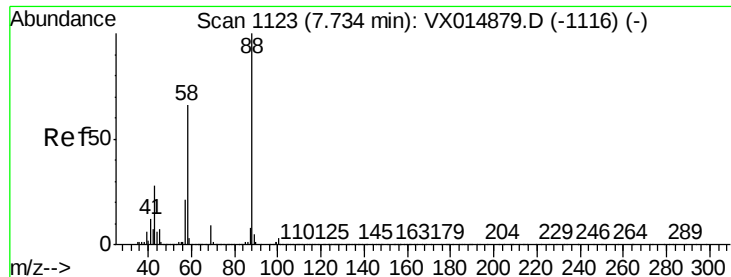
#48
Methyl methacrylate
Concen: 55.130 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 41 Resp: 238976
Ion Ratio Lower Upper
41 100
69 82.8 65.7 98.5
39 51.8 45.8 68.8



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

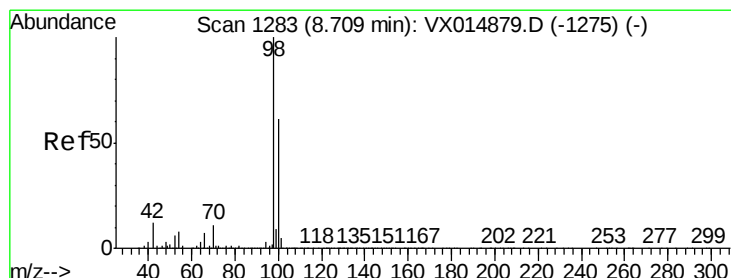
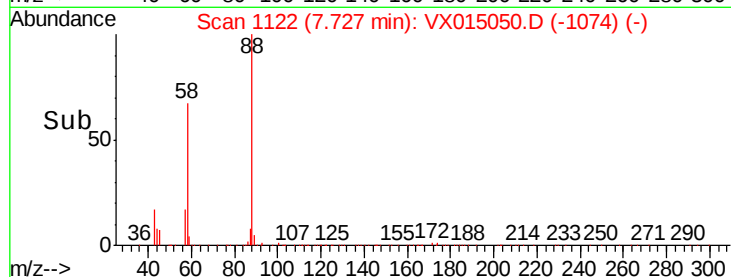
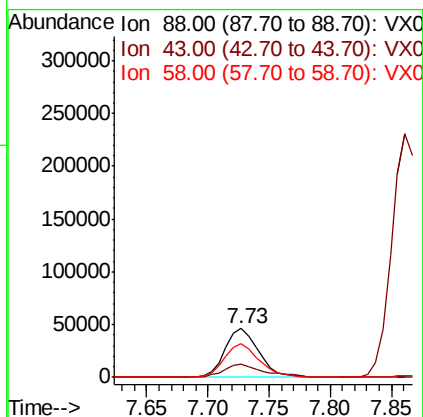
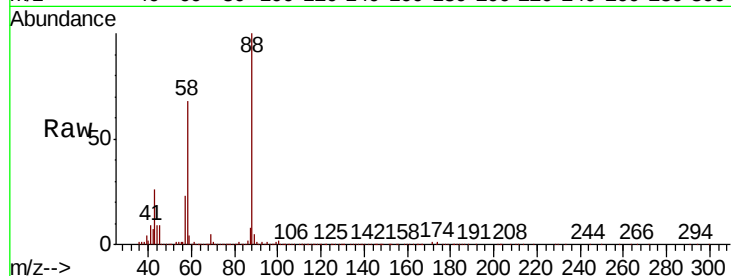




#49
1,4-Dioxane
Concen: 1086.738 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

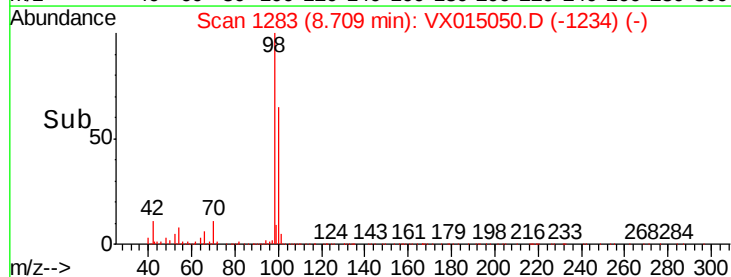
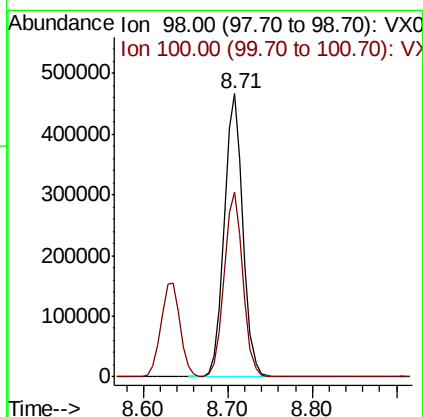
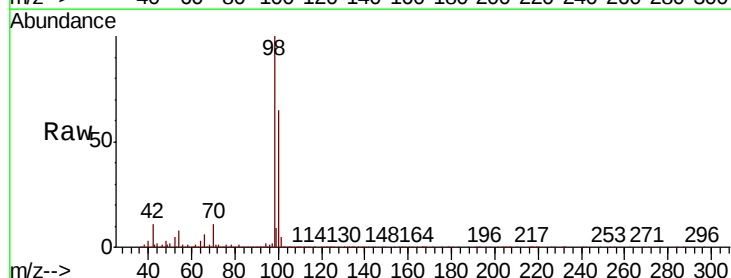
Instrument :
MSVOA_X
ClientSampleId :

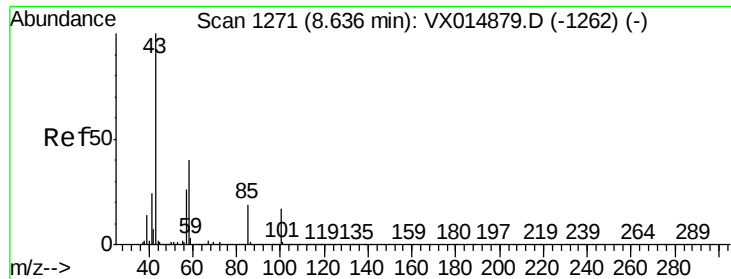
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.0	40.4
58	70.4	53.2	79.8



#50
Toluene-d8
Concen: 52.655 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 284.215 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

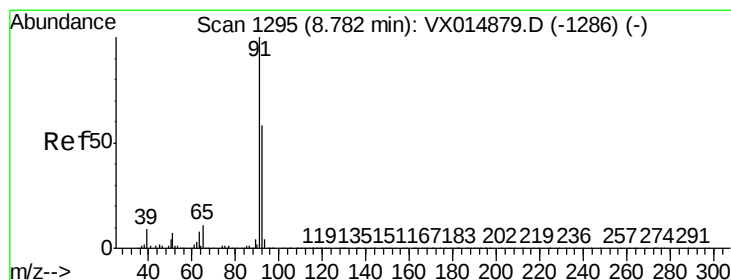
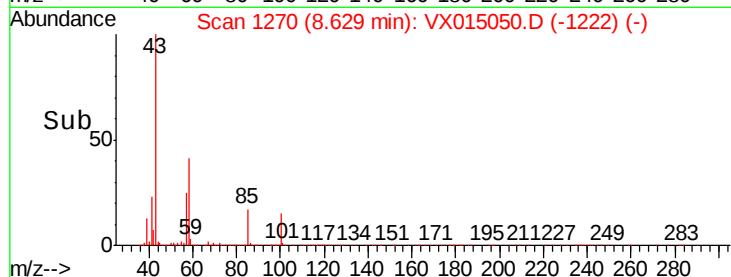
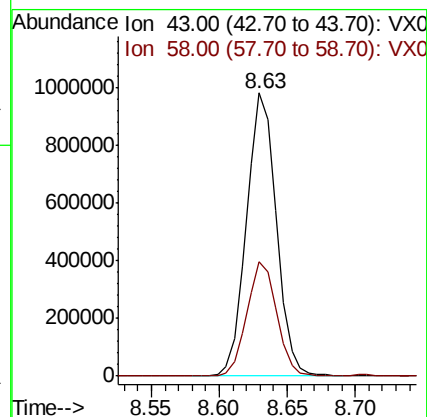
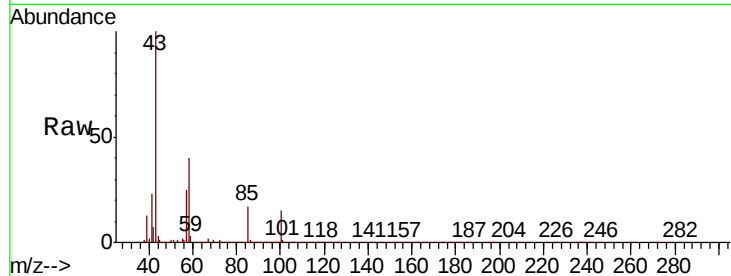
ClientSampleId :

Tot Ion: 43 Resp: 1511618

Ion Ratio Lower Upper

43 100

58 40.3 31.9 47.9



#52

Toluene

Concen: 55.381 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015050.D

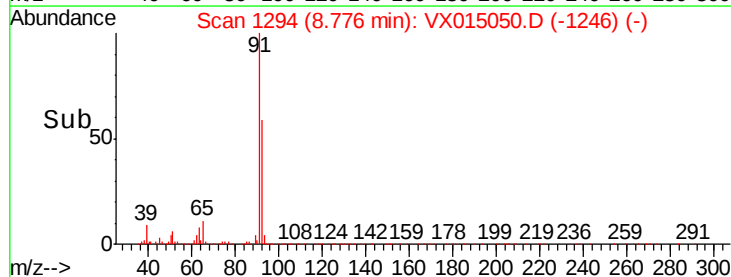
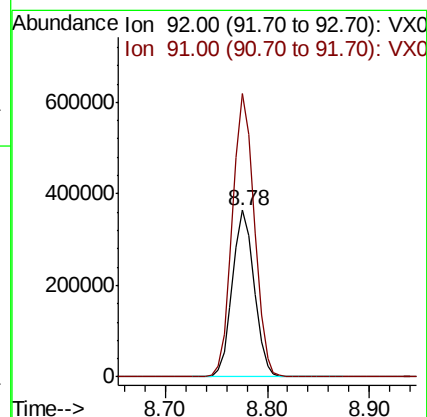
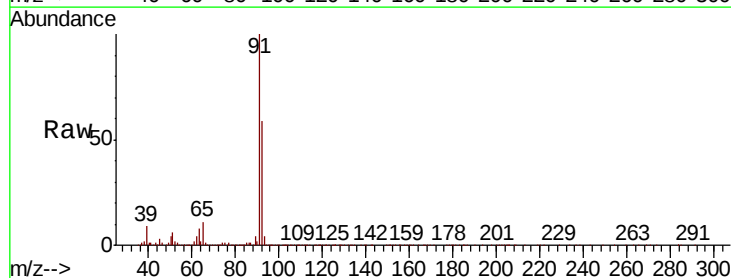
Acq: 28 Feb 2020 09:21

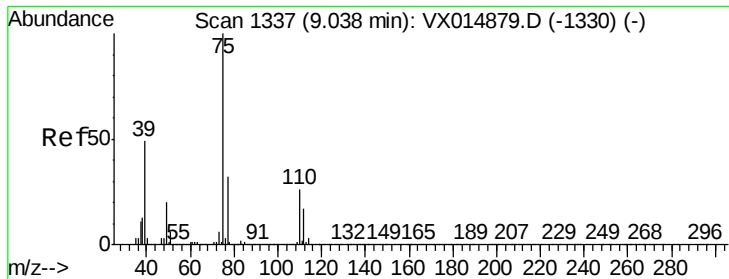
Tgt Ion: 92 Resp: 538029

Ion Ratio Lower Upper

92 100

91 171.1 137.0 205.4

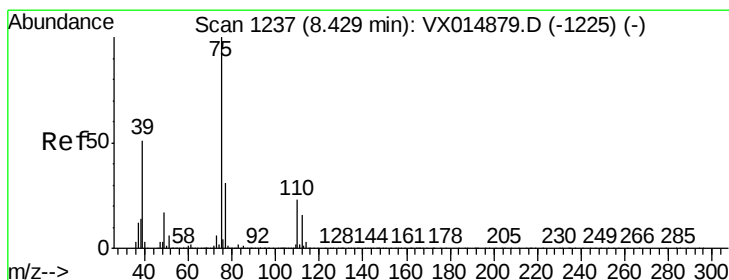
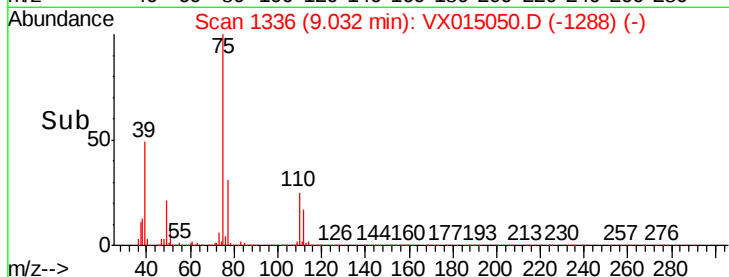
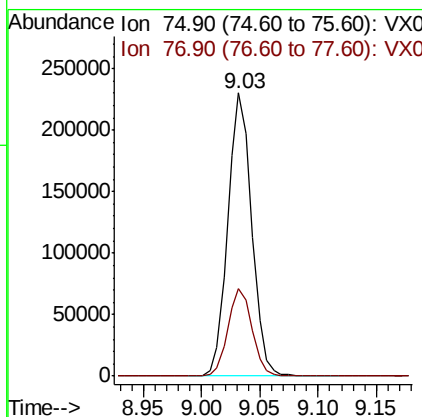
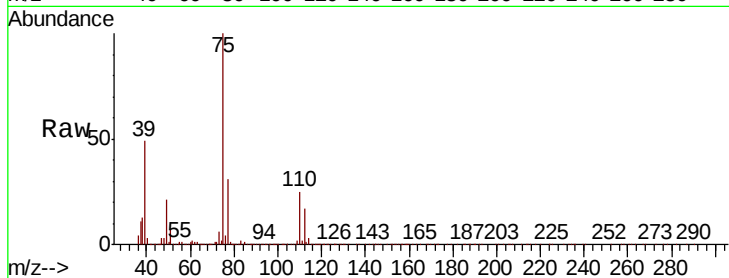




#53
t-1,3-Dichloropropene
Concen: 56.558 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

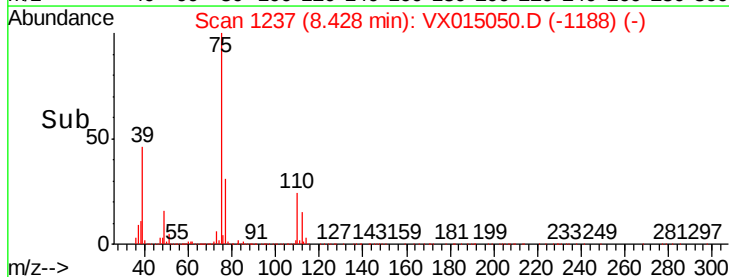
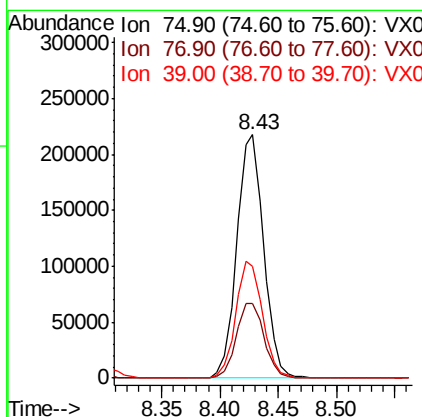
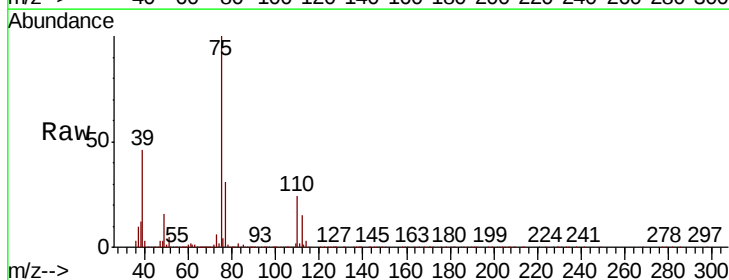
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 327715
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 54.534 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 75 Resp: 349080
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0
39 45.6 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 57.452 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 225817

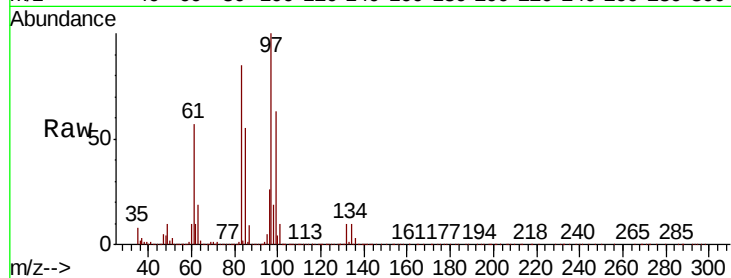
Ion Ratio Lower Upper

97 100

83 84.8 66.6 99.8

85 55.1 43.5 65.3

99 63.1 49.6 74.4

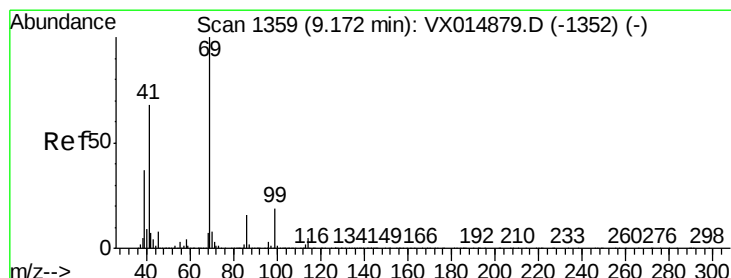
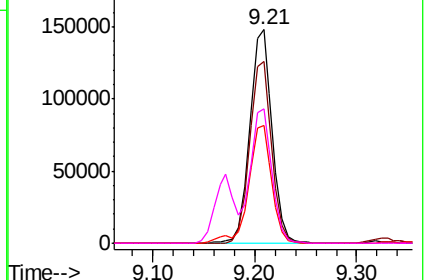
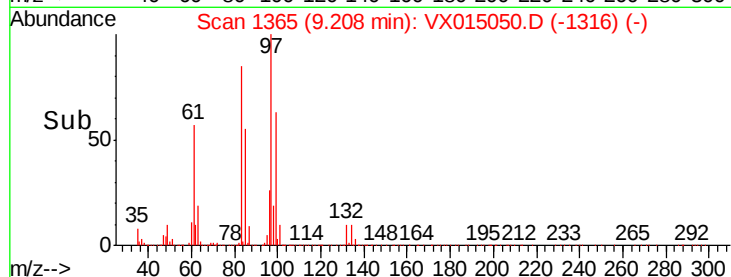


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 59.430 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

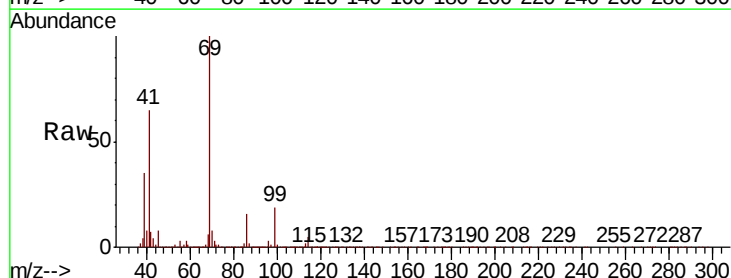
Tgt Ion: 69 Resp: 351108

Ion Ratio Lower Upper

69 100

41 67.6 54.8 82.2

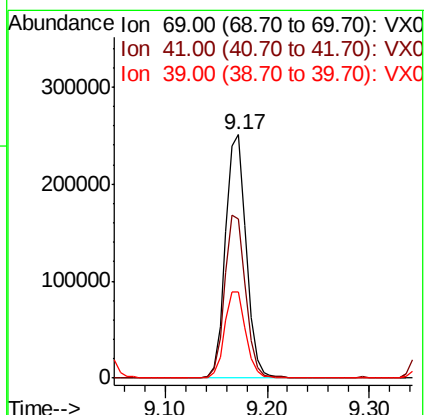
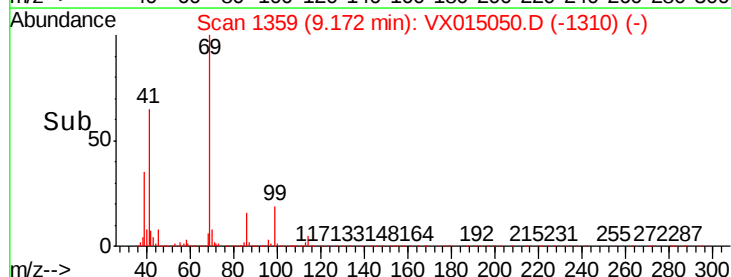
39 36.1 29.9 44.9

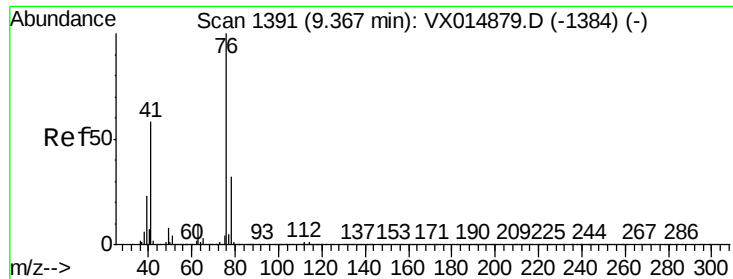


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.974 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

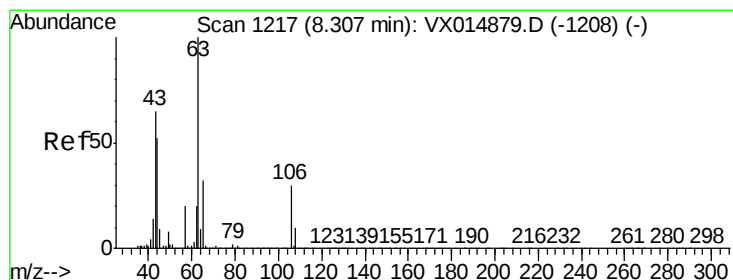
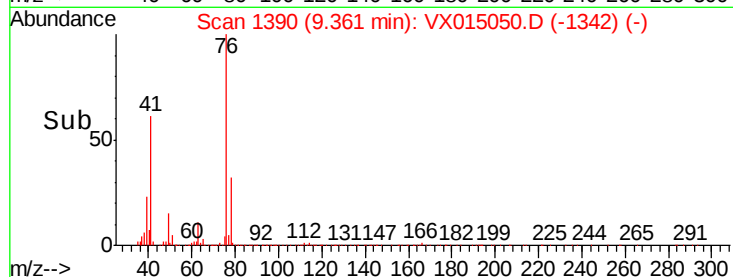
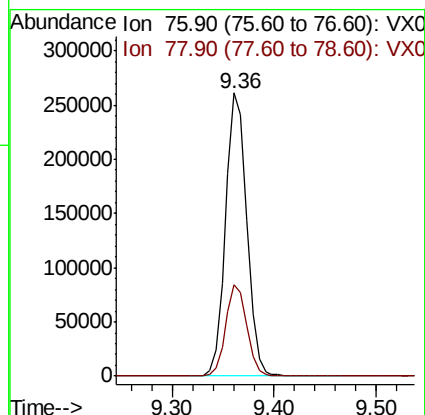
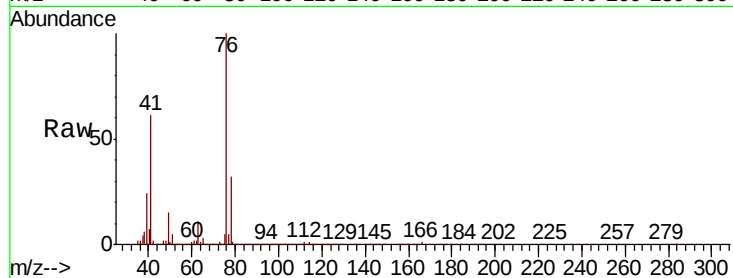
ClientSampleId :

Tot Ion: 76 Resp: 376959

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 286.046 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015050.D

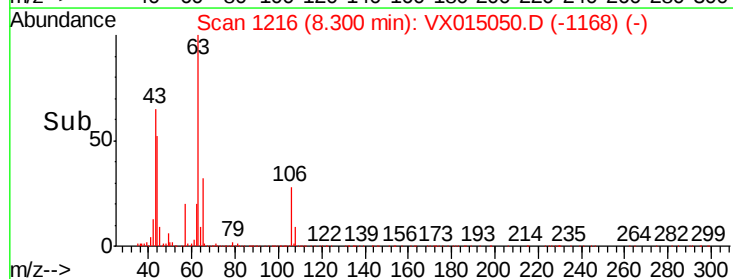
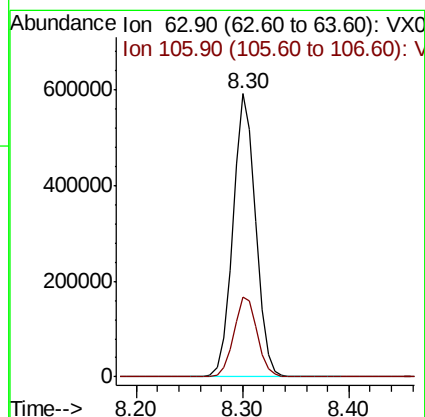
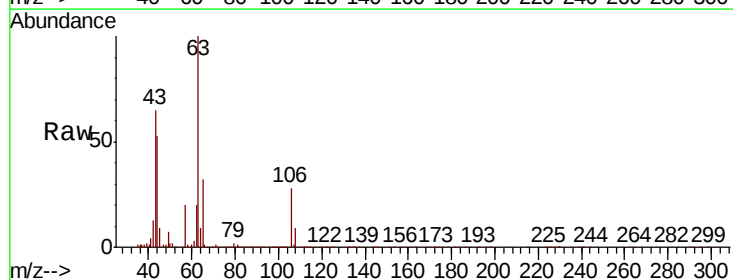
Acq: 28 Feb 2020 09:21

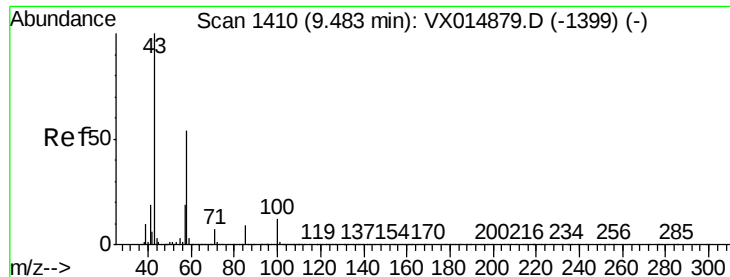
Tgt Ion: 63 Resp: 883808

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.8

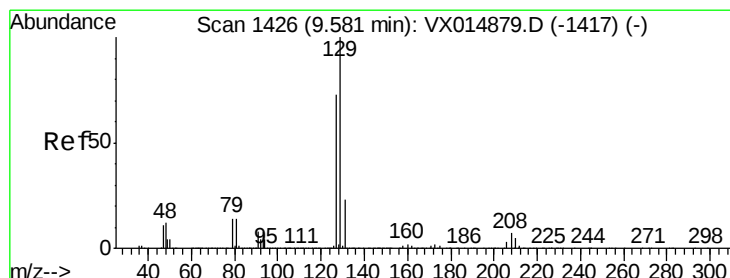
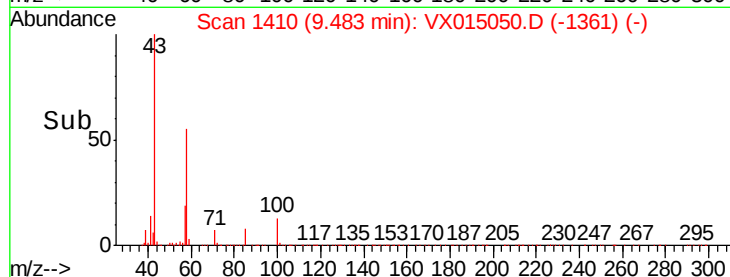
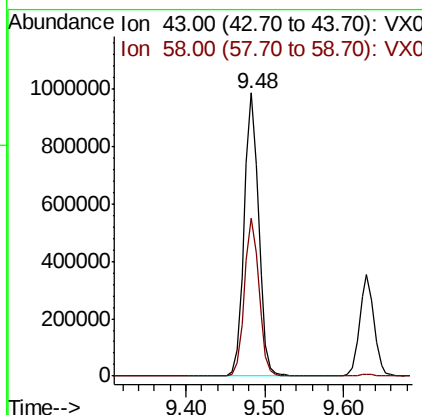
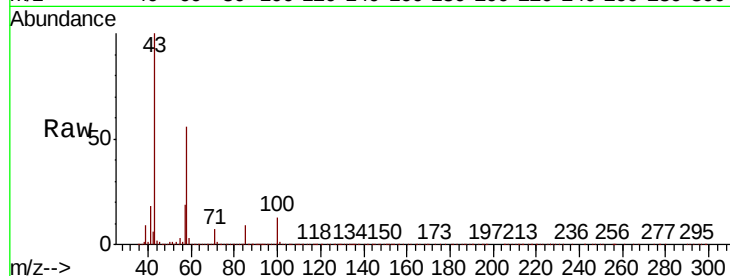




#59
2-Hexanone
Concen: 302.191 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

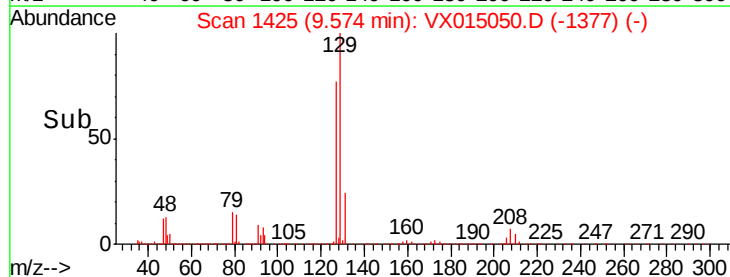
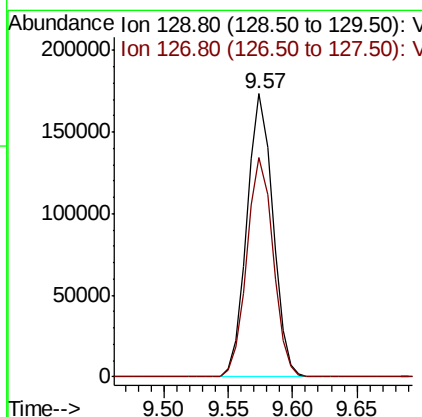
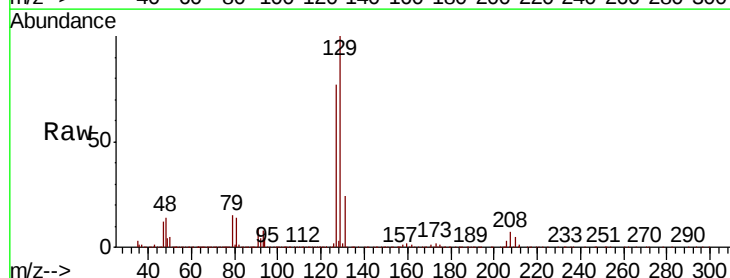
Instrument :
MSVOA_X
ClientSampled :

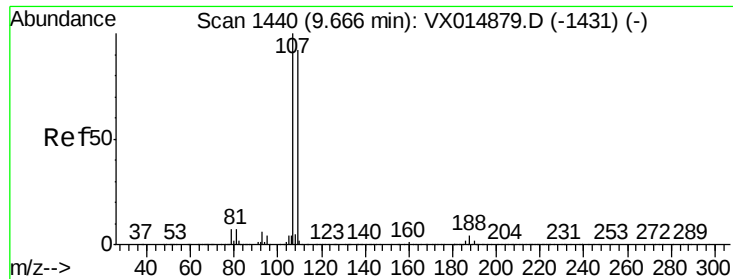
Tot Ion: 43 Resp: 1263300
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5



#60
Dibromochloromethane
Concen: 57.135 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 129 Resp: 241674
Ion Ratio Lower Upper
129 100
127 78.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 54.660 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

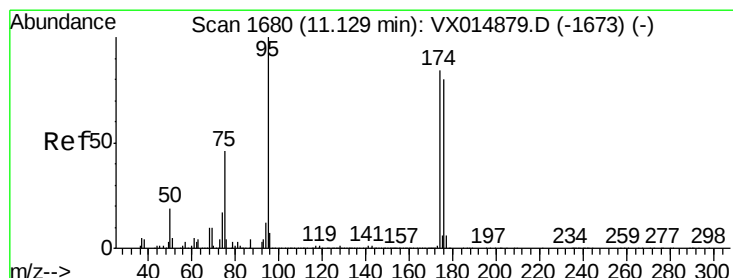
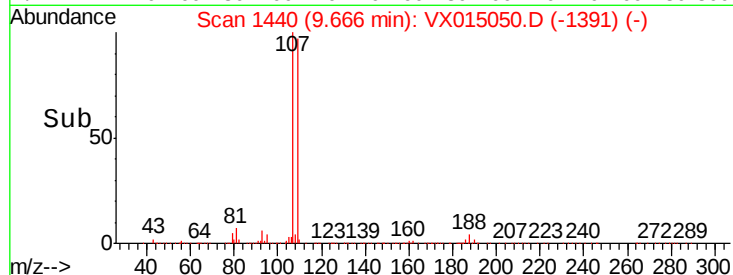
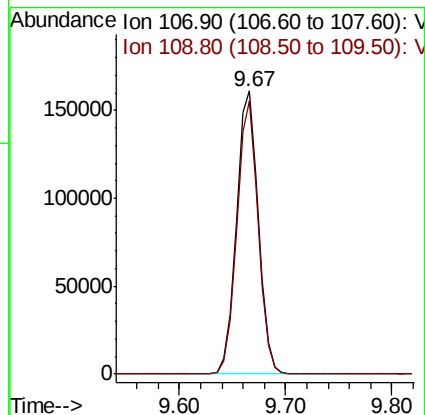
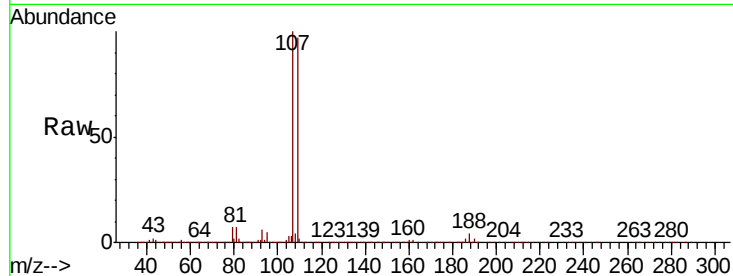
ClientSampleId :

Tot Ion:107 Resp: 231810

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 54.865 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

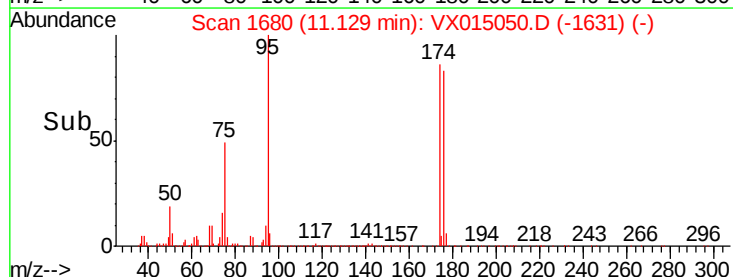
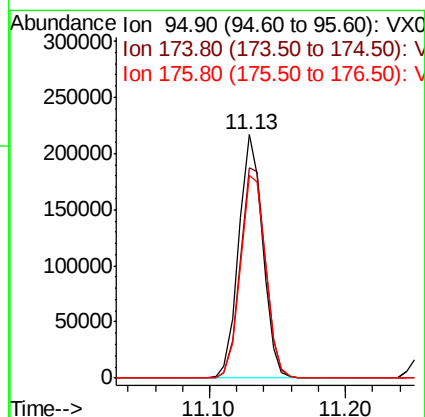
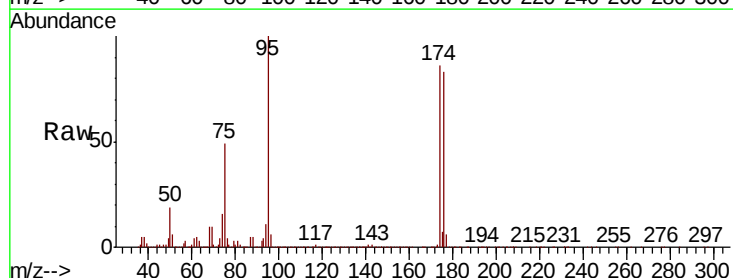
Tgt Ion: 95 Resp: 265432

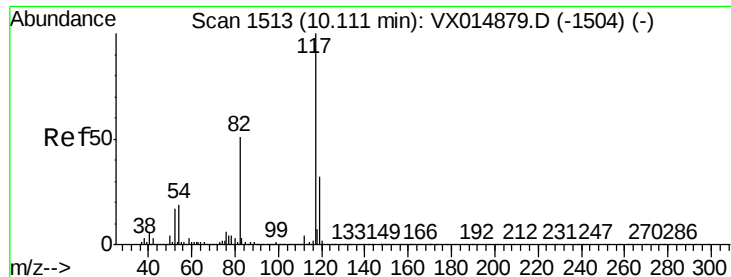
Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.0

176 87.8 0.0 178.0

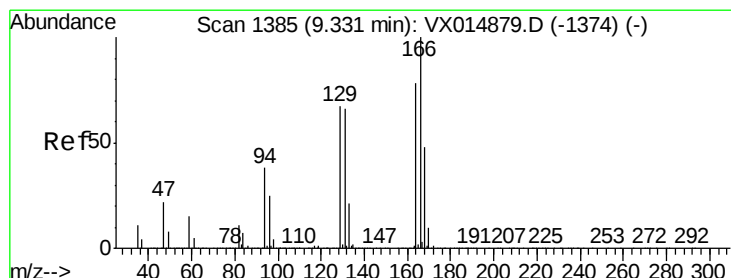
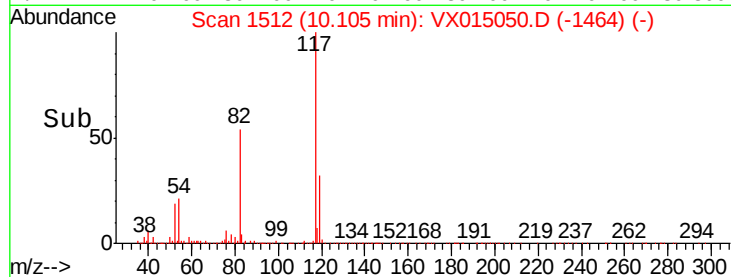
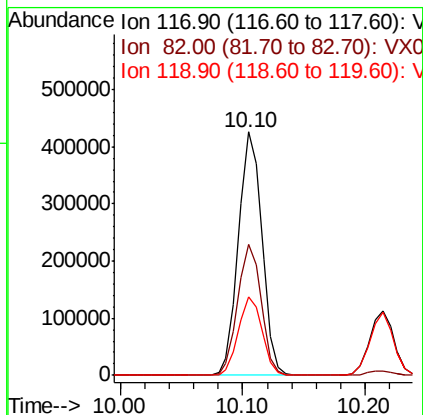
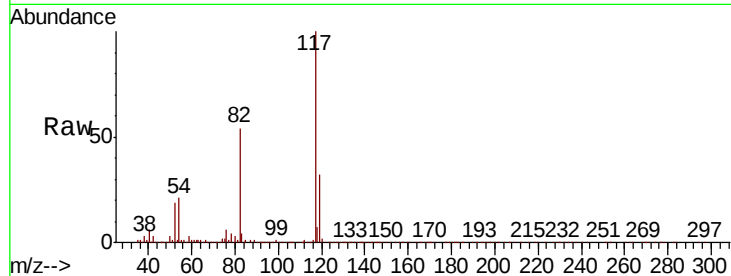




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

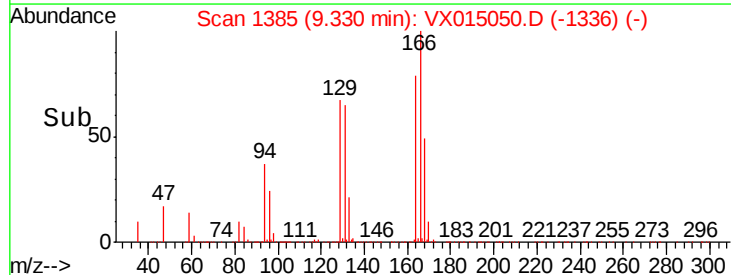
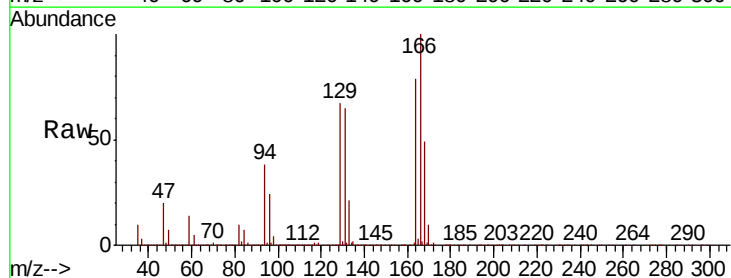
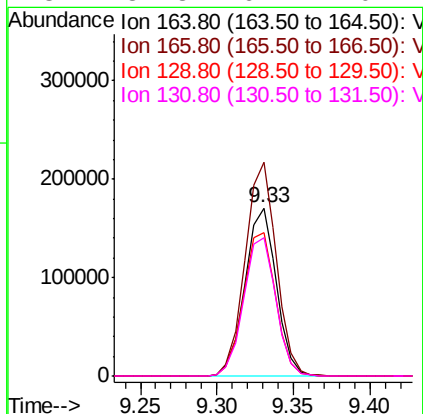
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	40.5	60.7
119	31.9	25.8	38.6



#64
Tetrachloroethene
Concen: 46.011 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.6	153.8
129	85.6	68.3	102.5
131	82.3	67.4	101.2





#65

Chlorobenzene

Concen: 51.588 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

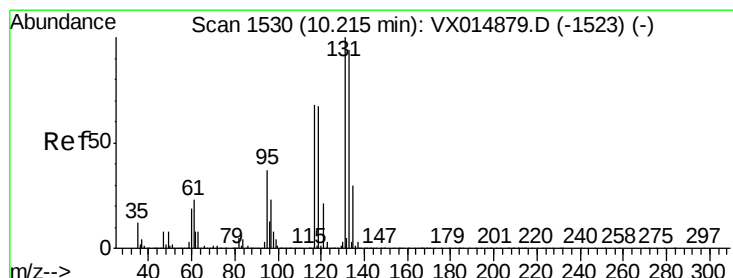
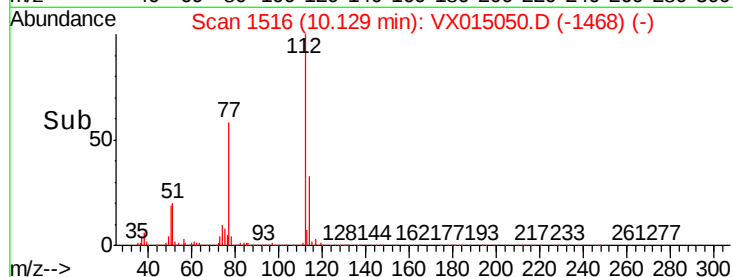
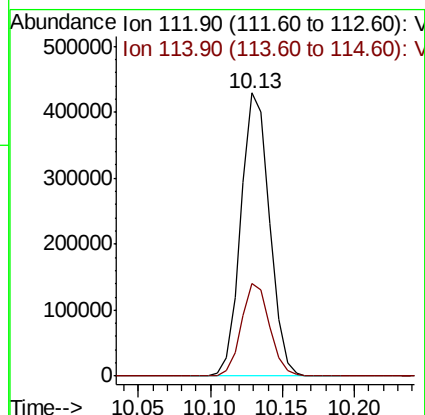
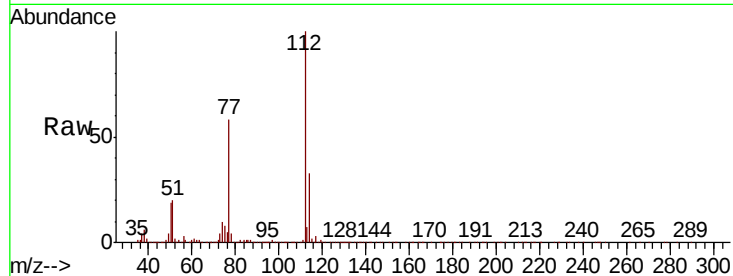
ClientSampleId :

Tot Ion:112 Resp: 593098

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.741 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

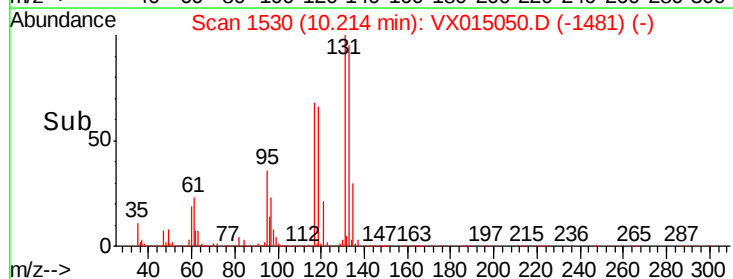
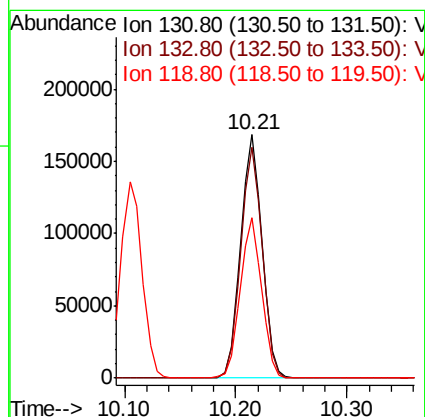
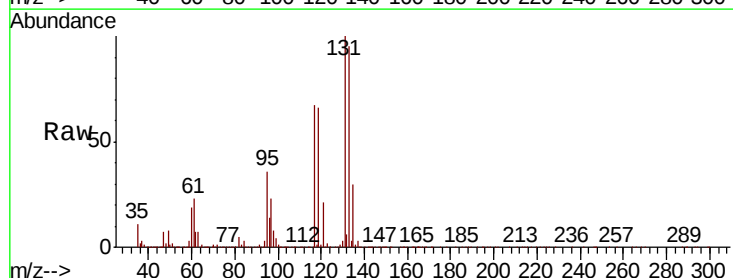
Tgt Ion:131 Resp: 224306

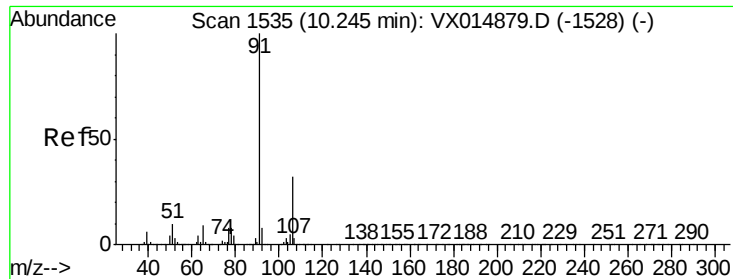
Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

119 65.6 33.0 99.0

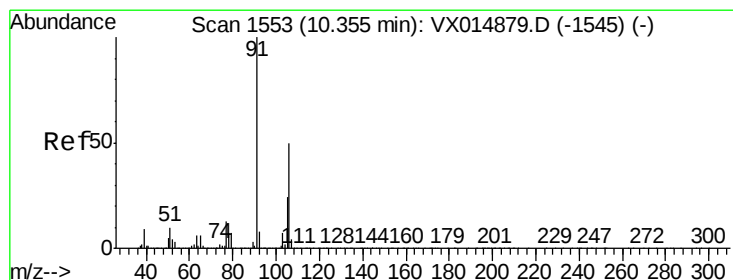
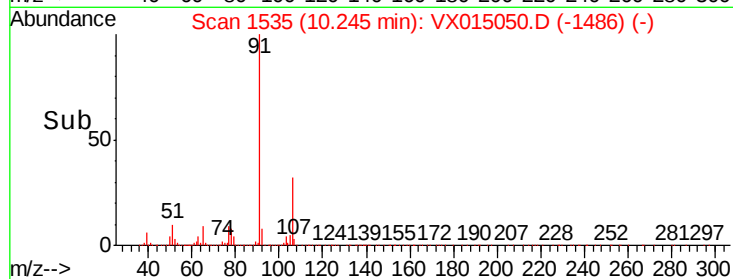
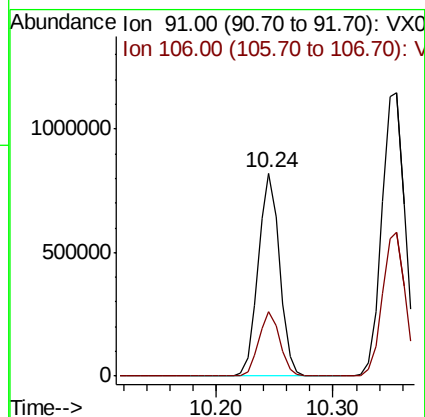
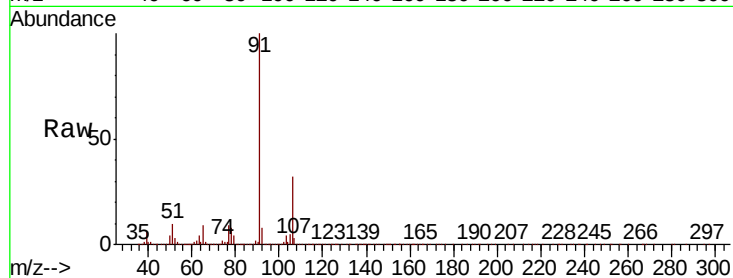




#67
Ethyl Benzene
Concen: 53.761 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

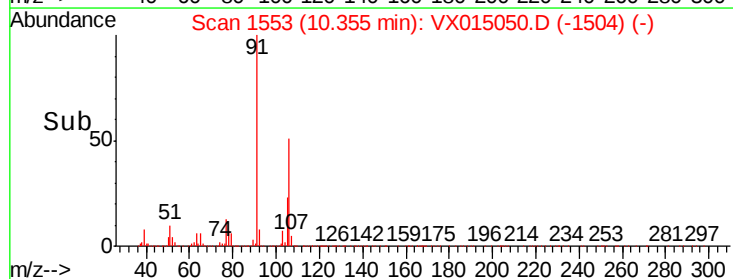
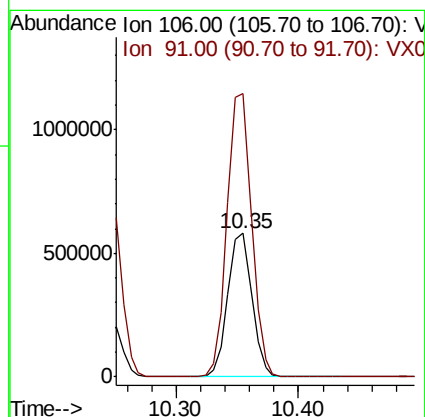
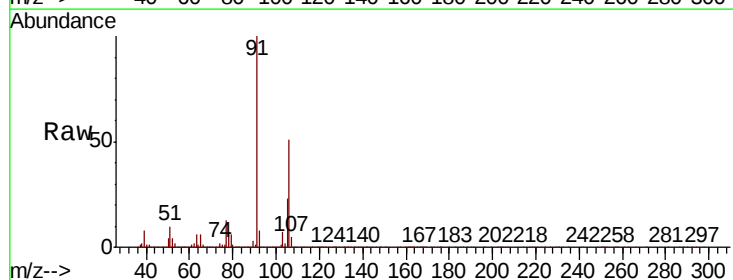
Instrument :
MSVOA_X
ClientSampled :

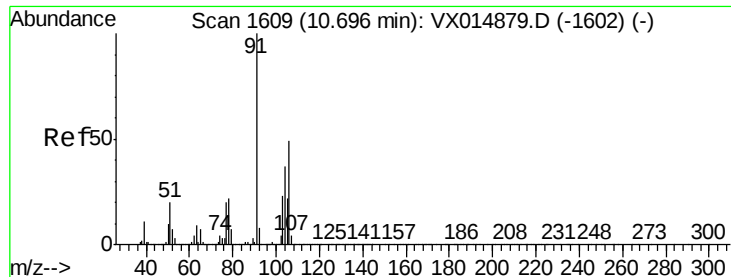
Tot Ion: 91 Resp: 1051160
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 105.921 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 106 Resp: 797826
Ion Ratio Lower Upper
106 100
91 200.4 160.6 240.8

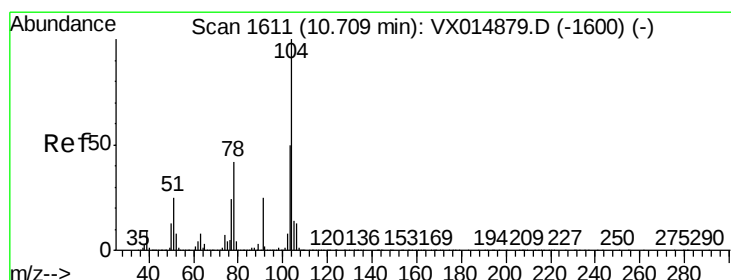
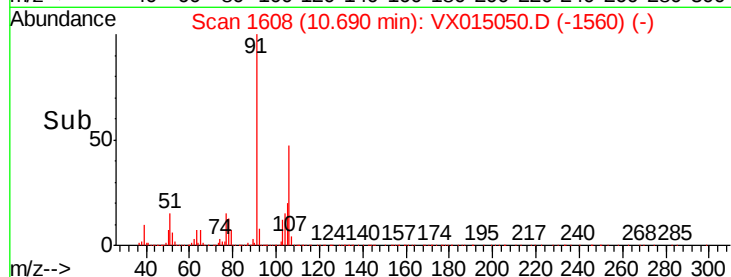
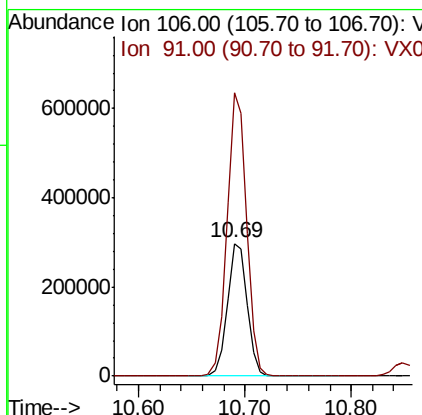
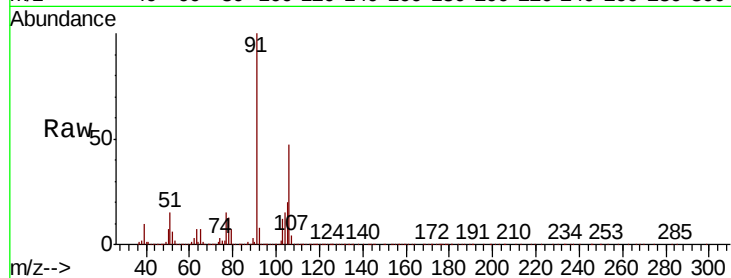




#69
o-Xylene
Concen: 53.364 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

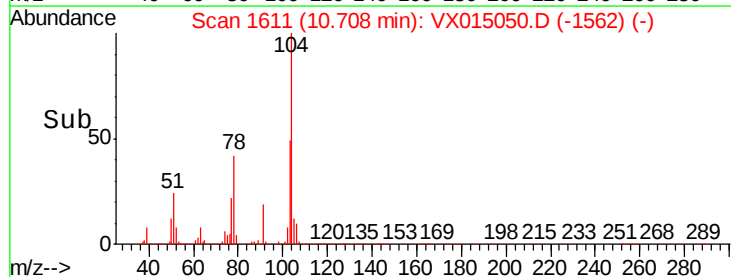
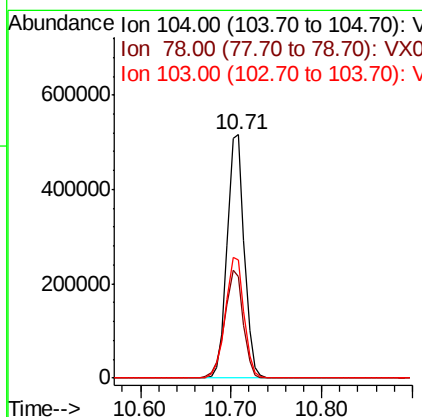
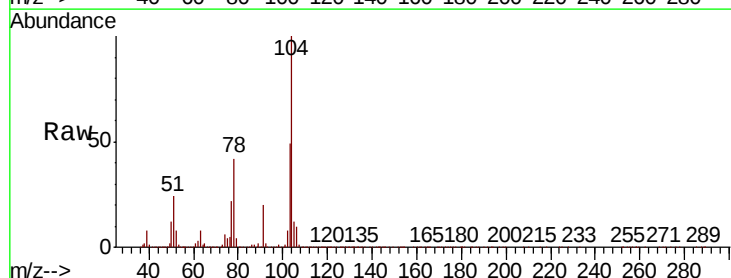
Instrument :
MSVOA_X
ClientSampleId :

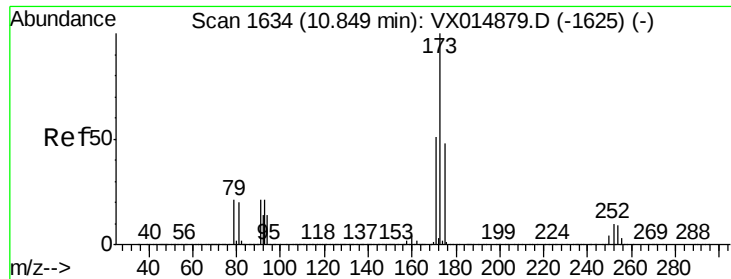
Tot Ion:106 Resp: 386385
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.3



#70
Styrene
Concen: 55.335 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion:104 Resp: 677809
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 54.1 43.4 65.0

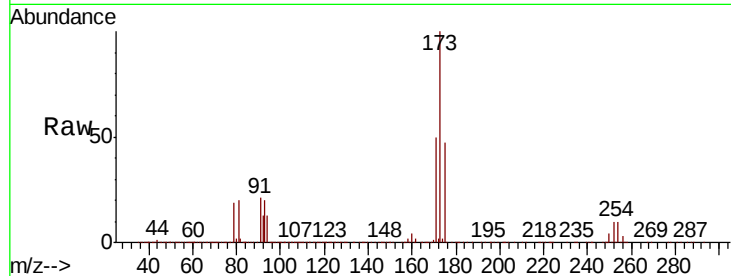




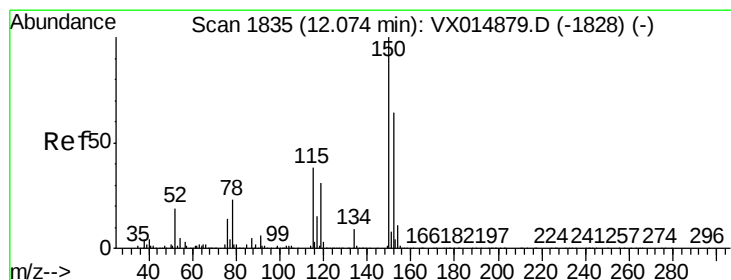
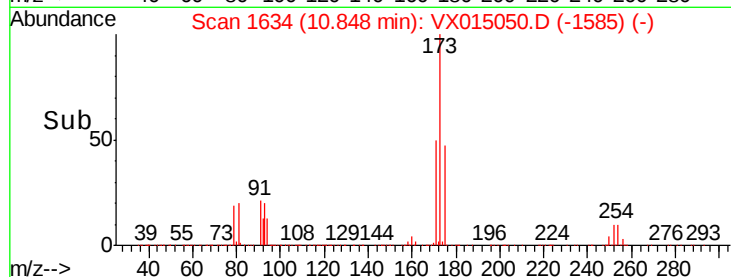
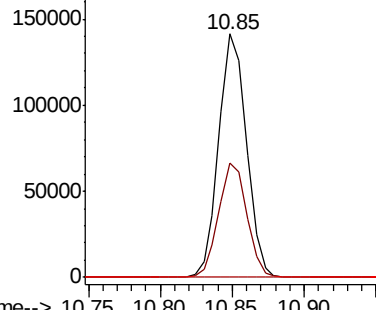
#71
Bromoform
Concen: 53.968 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 188020
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.3 0.2 0.2#

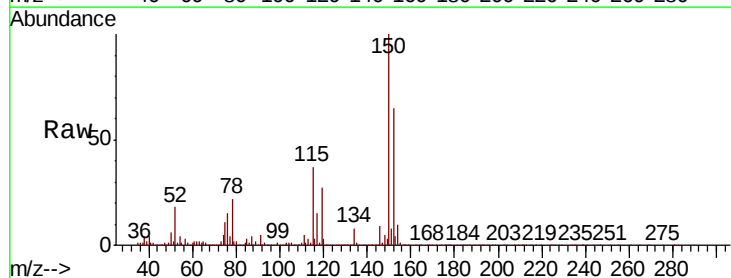


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

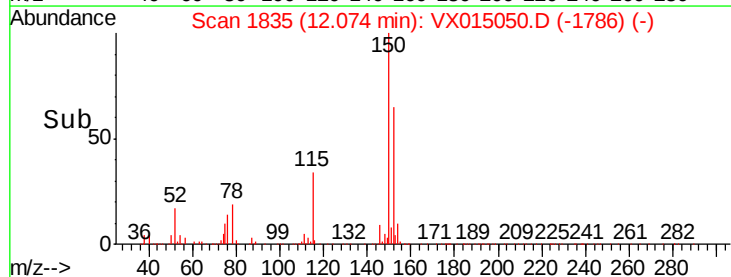
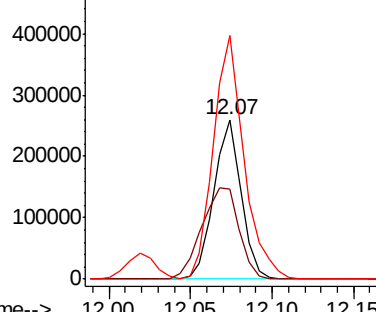


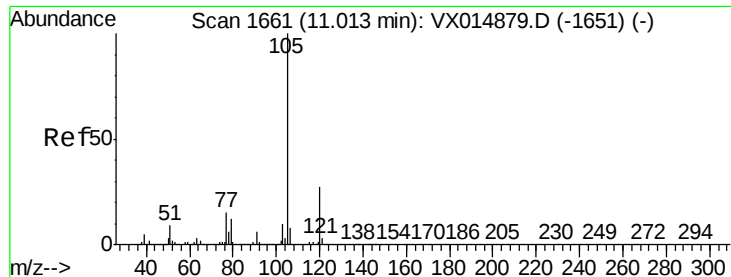
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion:152 Resp: 302755
Ion Ratio Lower Upper
152 100
115 78.1 38.6 116.0
150 172.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.215 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

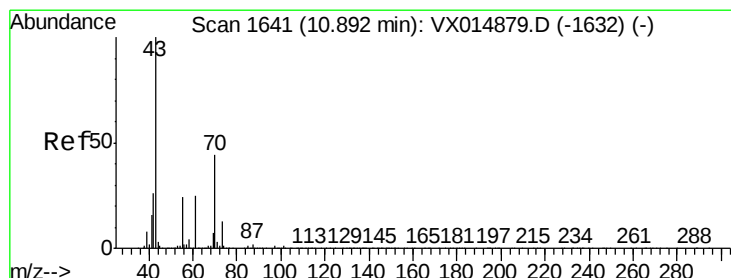
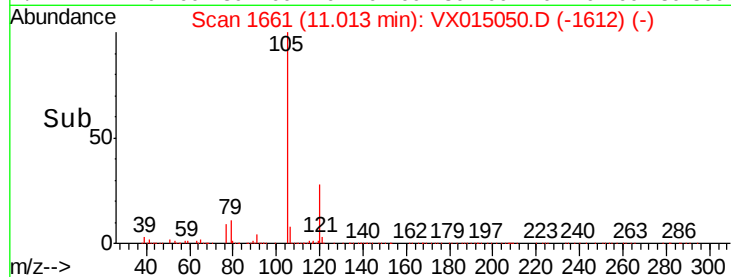
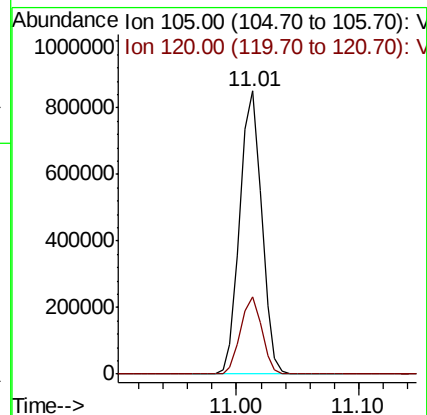
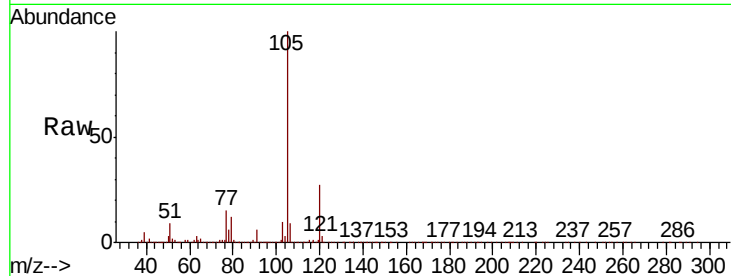
ClientSampled :

Tot Ion:105 Resp: 1048323

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 55.997 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Tgt Ion: 43 Resp: 441749

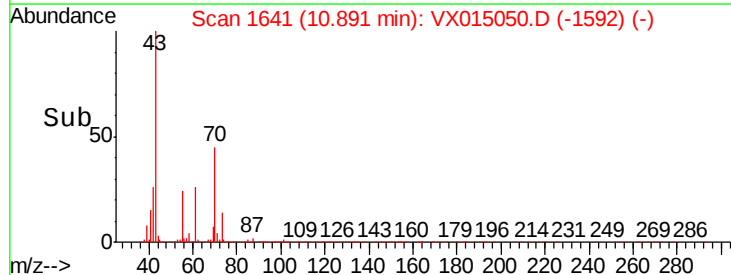
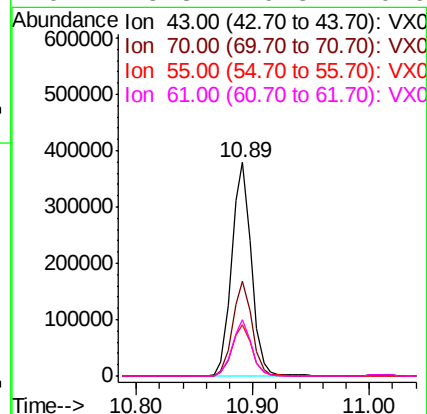
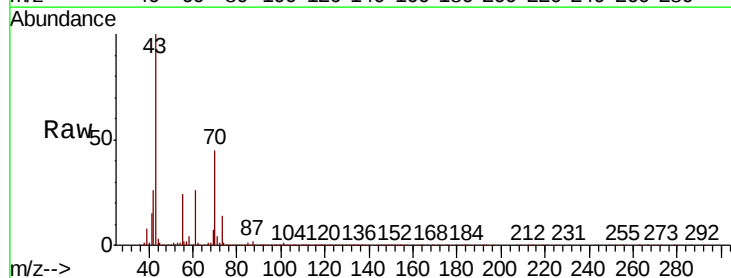
Ion Ratio Lower Upper

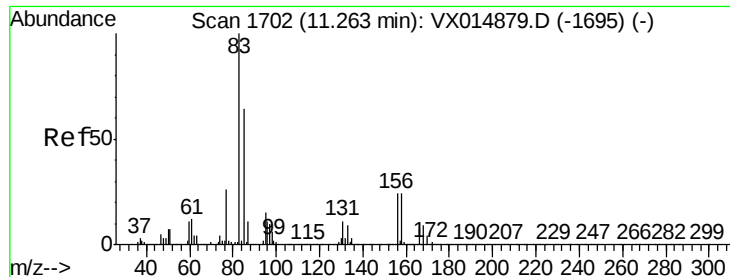
43 100

70 43.9 35.0 52.4

55 24.2 19.4 29.2

61 25.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.923 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

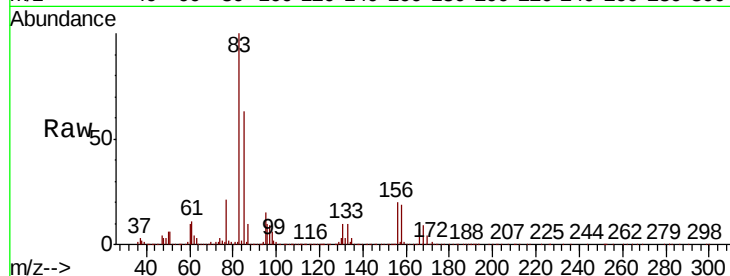
Tot Ion: 83 Resp: 340870

Ion Ratio Lower Upper

83 100

131 9.8 5.3 16.1

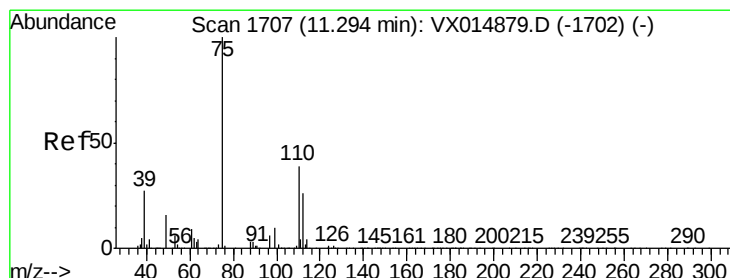
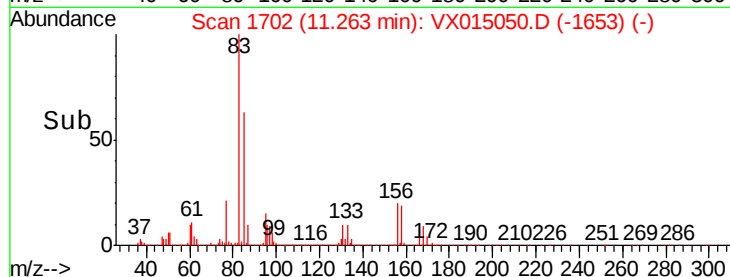
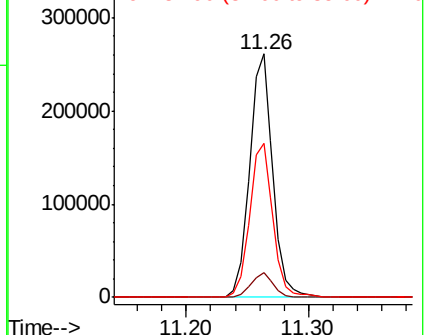
85 63.7 32.6 97.7



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: 71.119 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015050.D

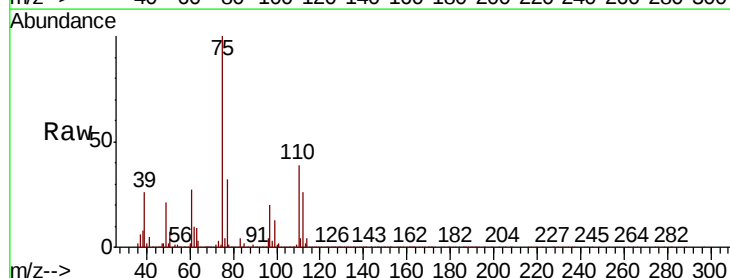
Acq: 28 Feb 2020 09:21

Tgt Ion: 75 Resp: 389362

Ion Ratio Lower Upper

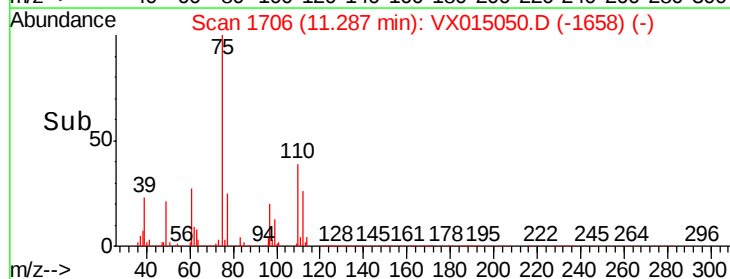
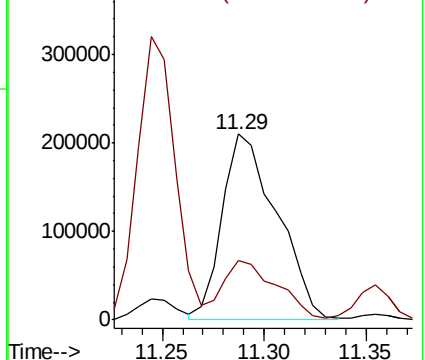
75 100

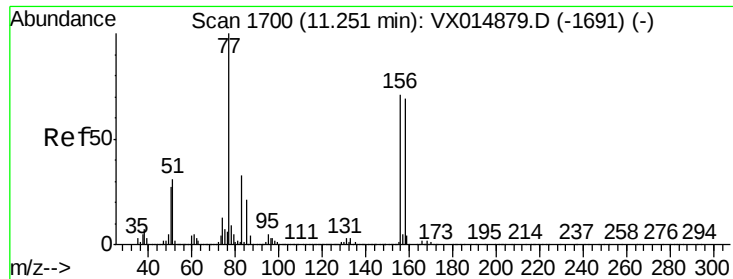
77 31.8 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.209 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

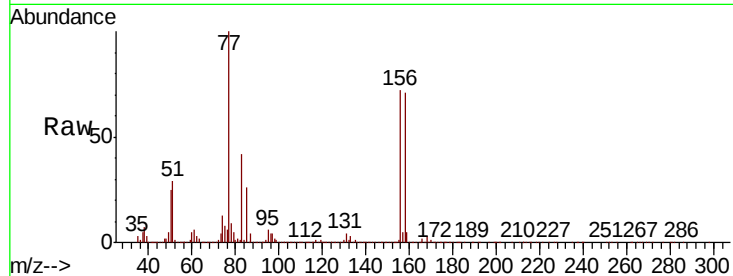
Tot Ion:156 Resp: 276670

Ion Ratio Lower Upper

156 100

77 148.4 74.0 222.0

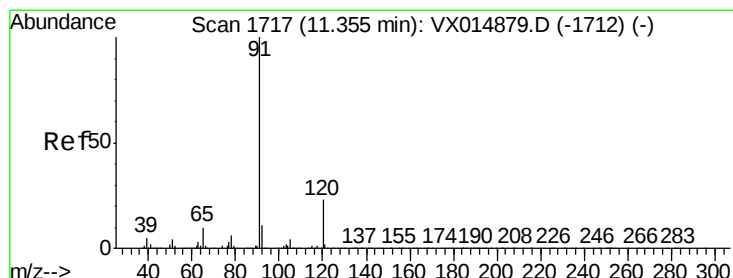
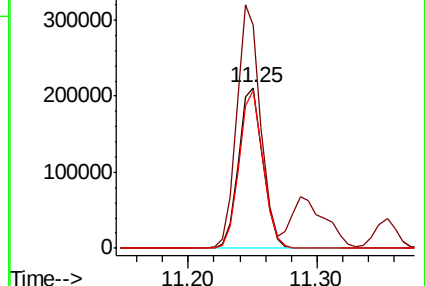
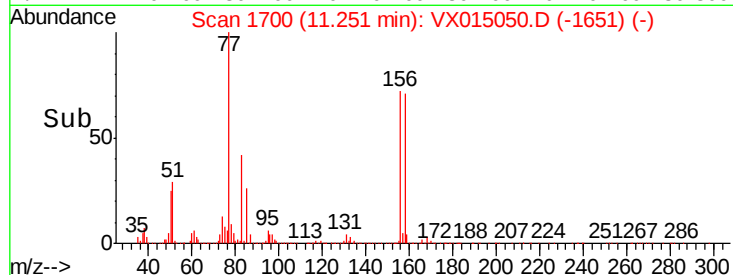
158 96.9 48.9 146.6



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: 54.983 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015050.D

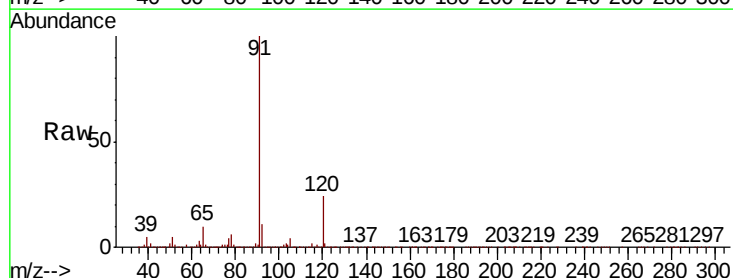
Acq: 28 Feb 2020 09:21

Tgt Ion: 91 Resp: 1207393

Ion Ratio Lower Upper

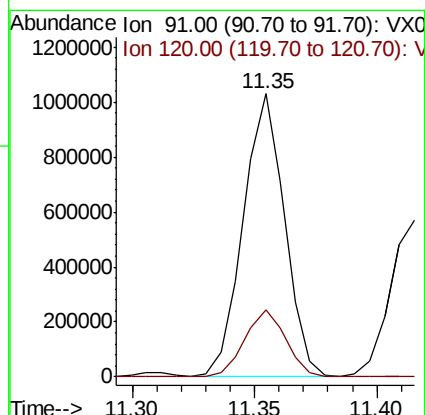
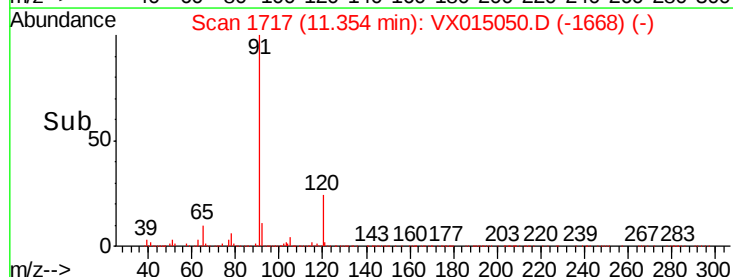
91 100

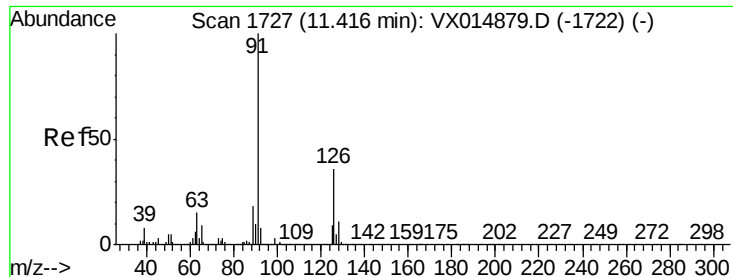
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

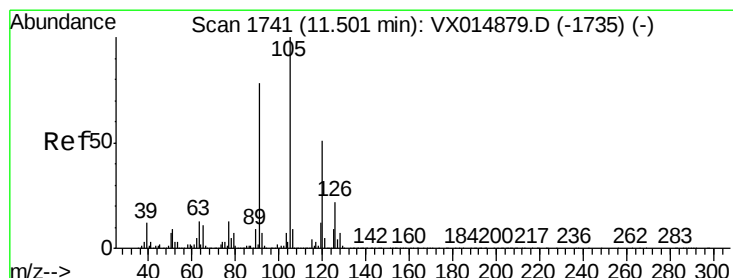
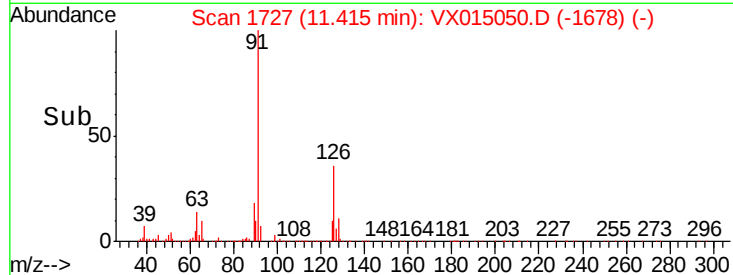
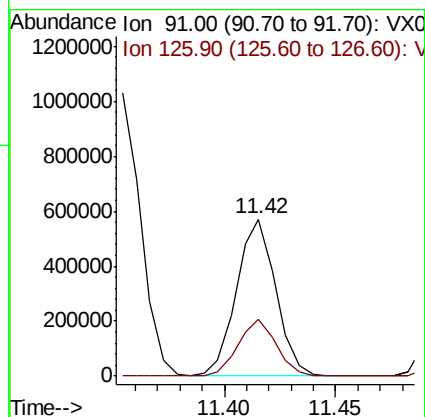
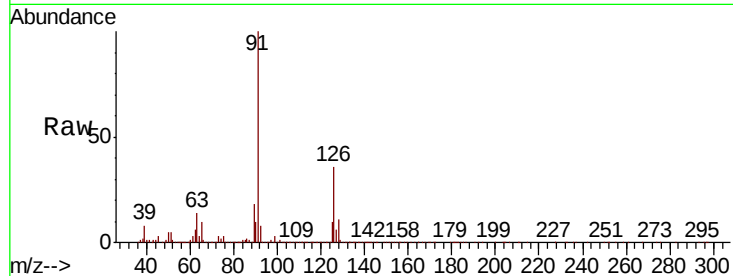




#79
 2-Chlorotoluene
 Concen: 54.085 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

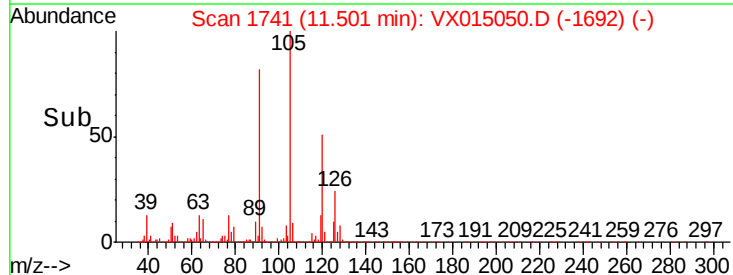
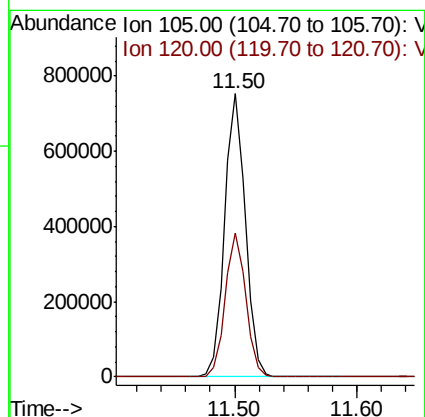
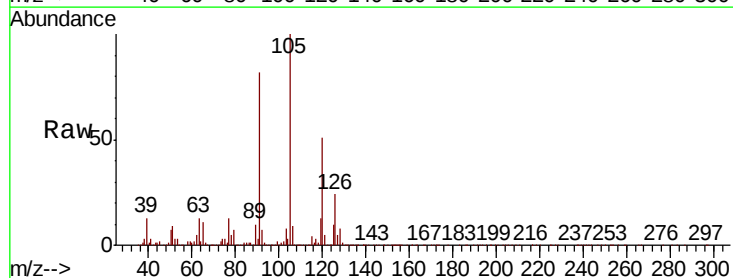
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 698223
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.595 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion: 105 Resp: 881961
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.6

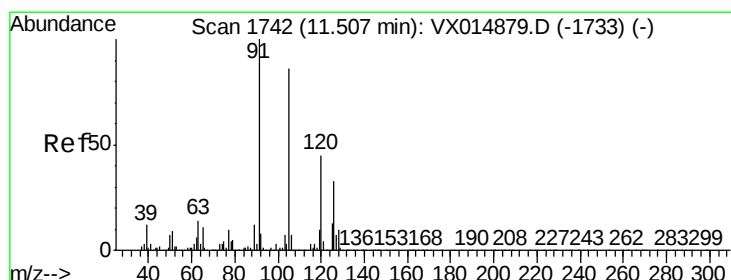
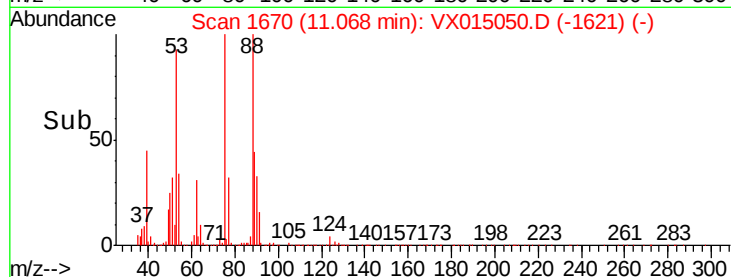
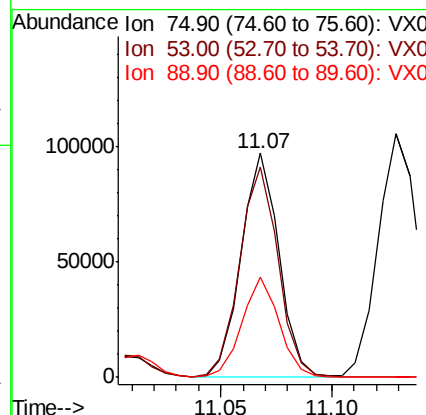
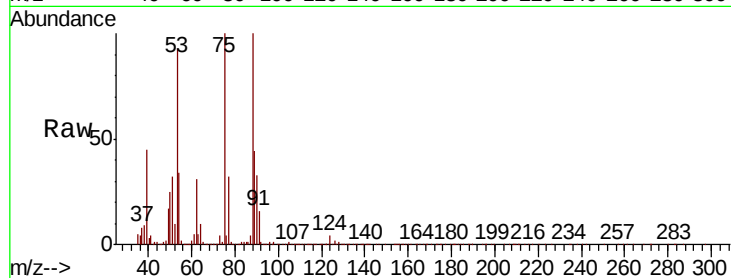




#81
trans-1,4-Dichloro-2-butene
Concen: 53.392 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

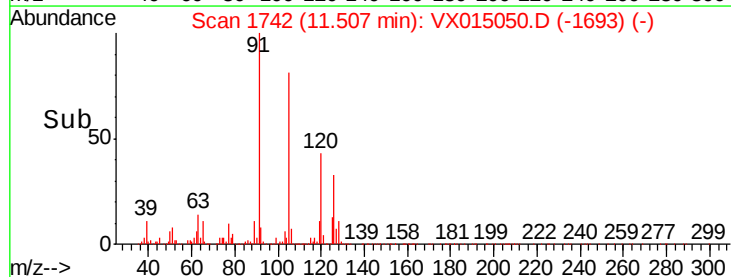
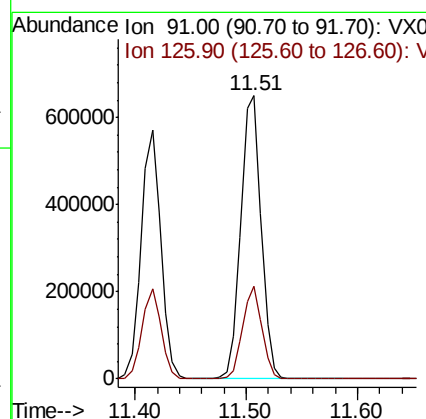
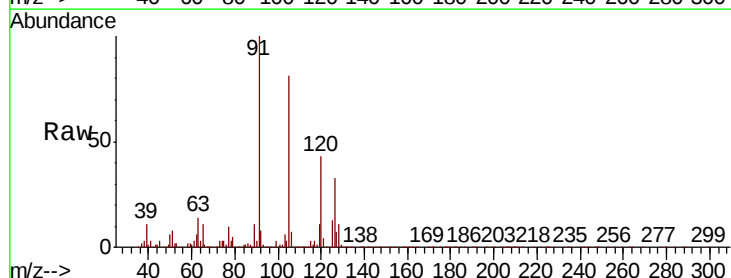
Instrument :
MSVOA_X
ClientSampleId :

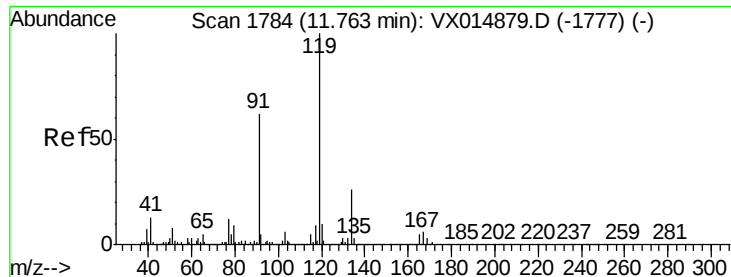
Tot Ion: 75 Resp: 114198
Ion Ratio Lower Upper
75 100
53 95.5 76.2 114.2
89 44.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.963 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion: 91 Resp: 824988
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0





#83

tert-Butylbenzene

Concen: 56.231 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampled :

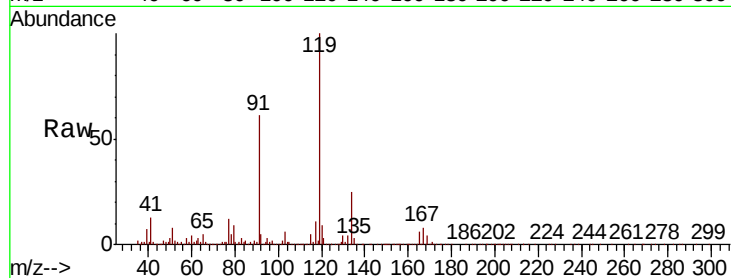
Tot Ion:119 Resp: 844735

Ion Ratio Lower Upper

119 100

91 57.1 29.5 88.6

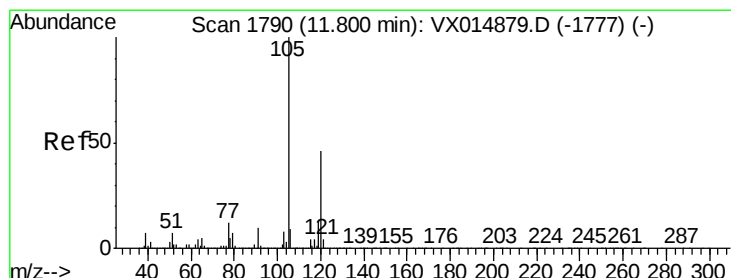
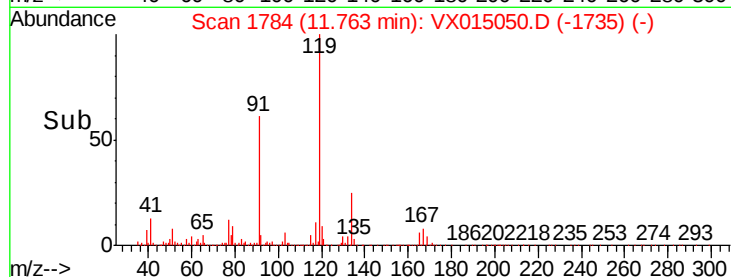
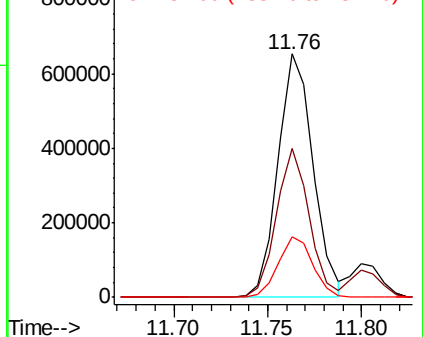
134 24.5 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.398 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015050.D

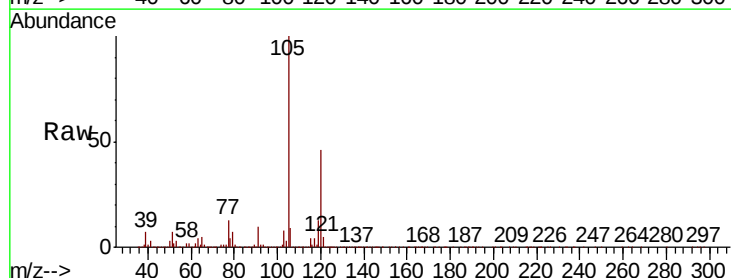
Acq: 28 Feb 2020 09:21

Tgt Ion:105 Resp: 885663

Ion Ratio Lower Upper

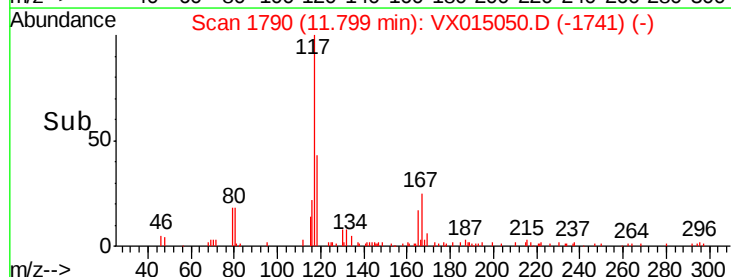
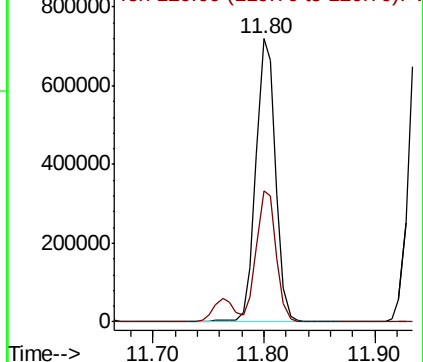
105 100

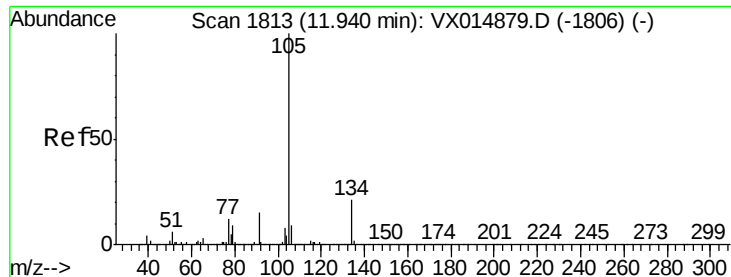
120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.229 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

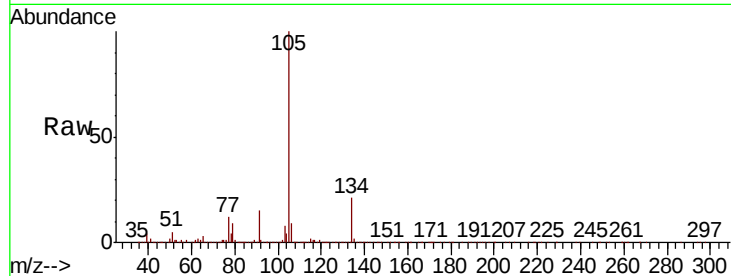
ClientSampleId :

Tot Ion:105 Resp: 1049354

Ion Ratio Lower Upper

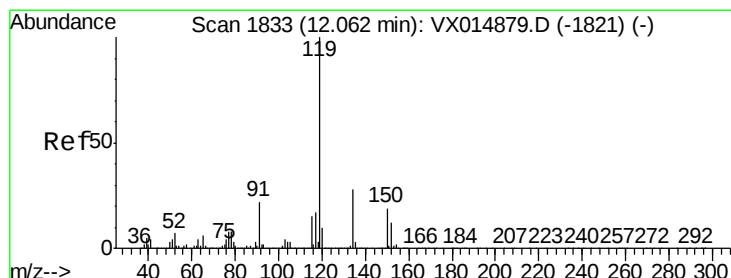
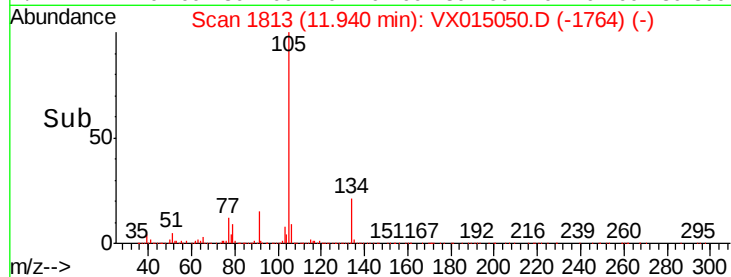
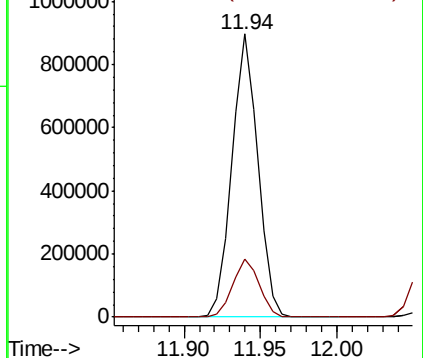
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.510 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

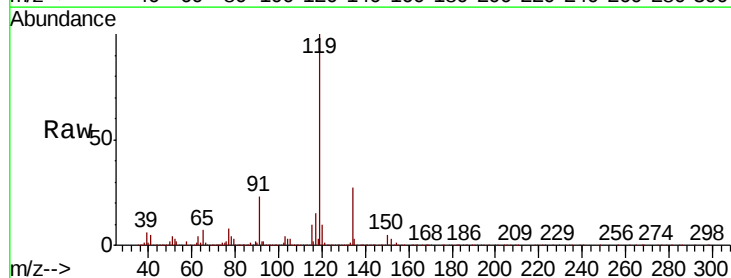
Tgt Ion:119 Resp: 969408

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

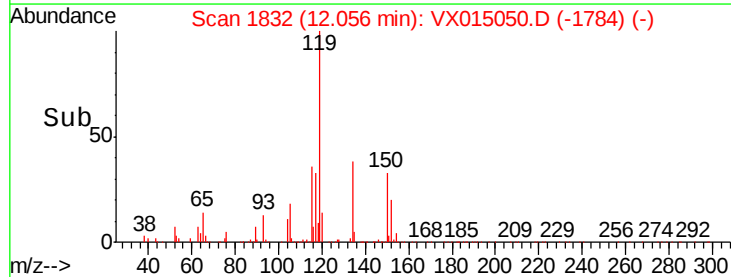
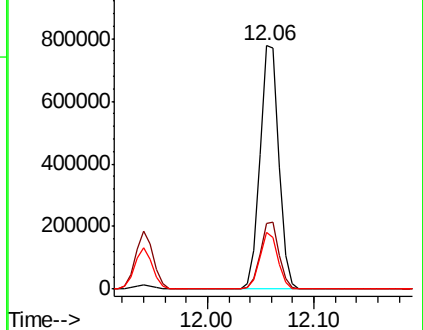
91 22.5 11.4 34.1

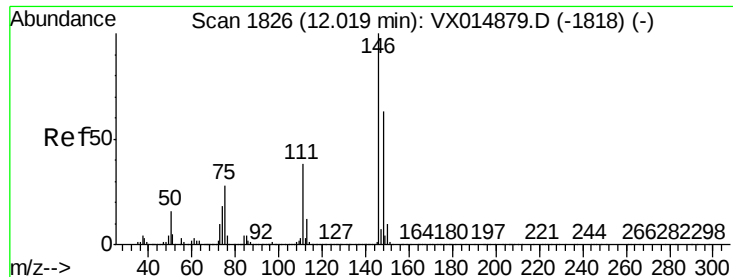


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.802 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015050.D

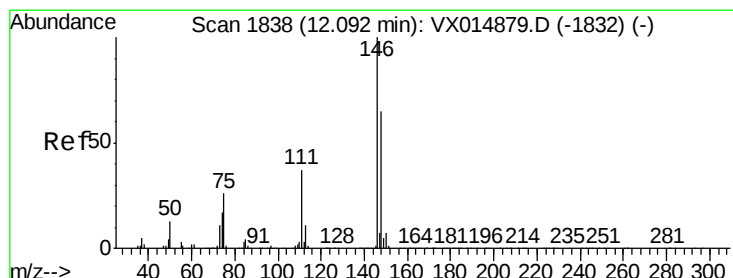
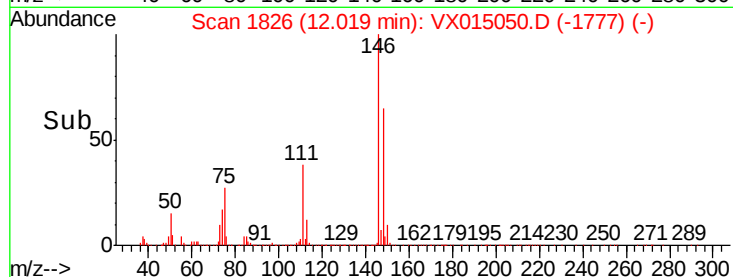
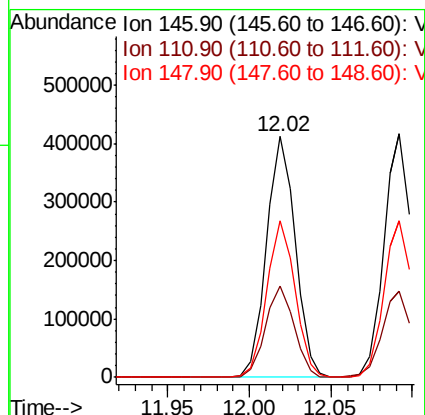
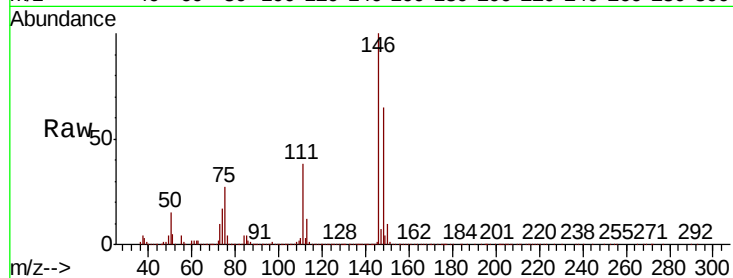
Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	501968
Ion	Ratio	Lower Upper
146	100	
111	37.8	18.6 56.0
148	63.8	31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.966 ug/l

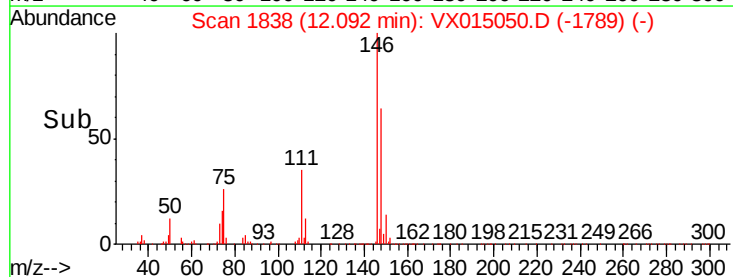
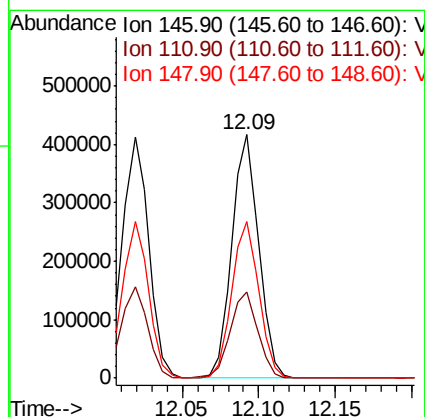
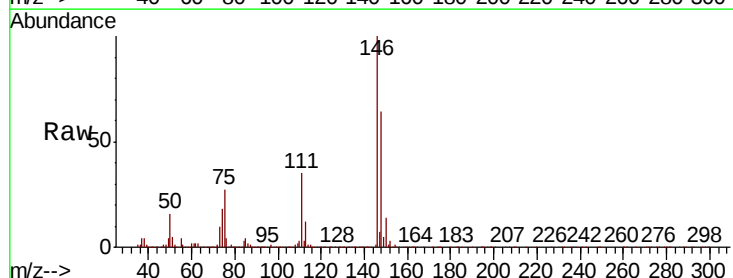
RT: 12.09 min Scan# 1838

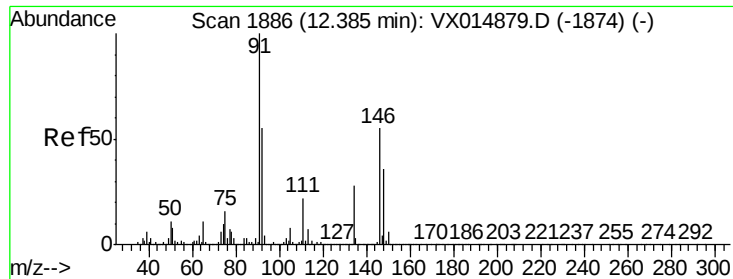
Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Tgt Ion:146	Resp:	504492
Ion	Ratio	Lower Upper
146	100	
111	36.6	18.6 55.6
148	64.7	32.4 97.0





#89

n-Butylbenzene

Concen: 55.900 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

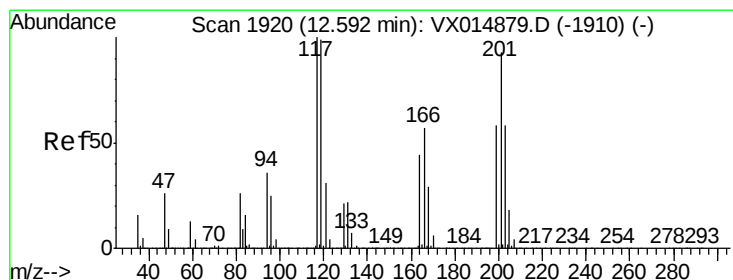
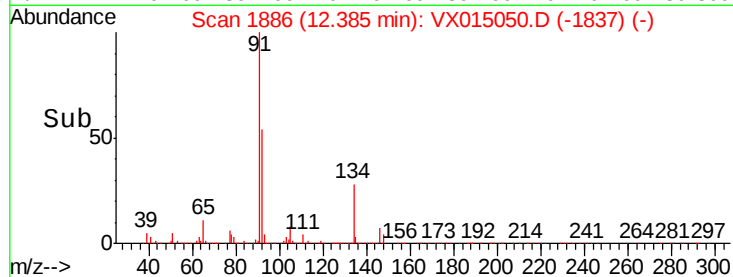
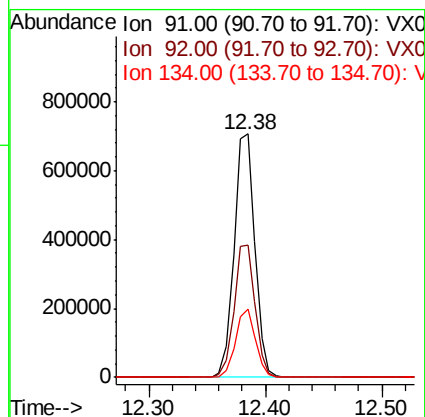
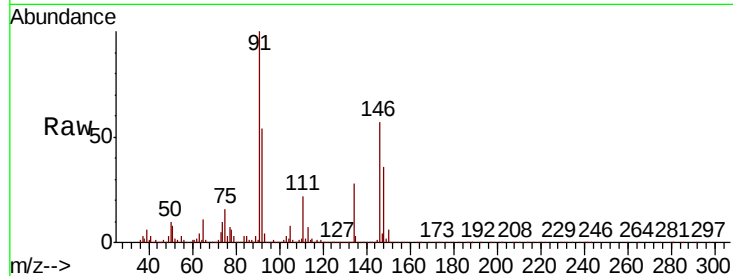
Tot Ion: 91 Resp: 874312

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

134 27.2 13.8 41.4



#90

Hexachloroethane

Concen: 56.567 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015050.D

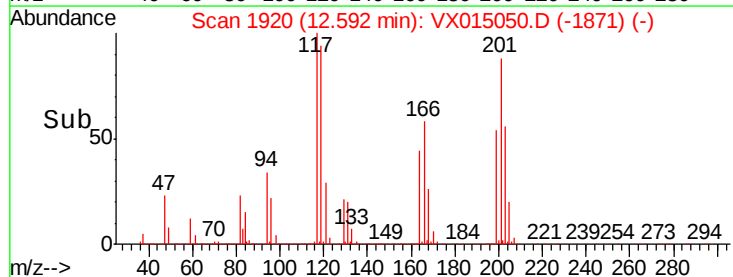
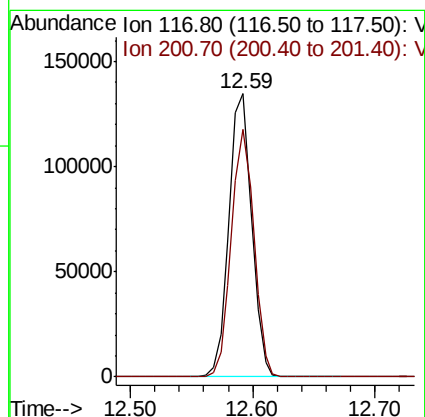
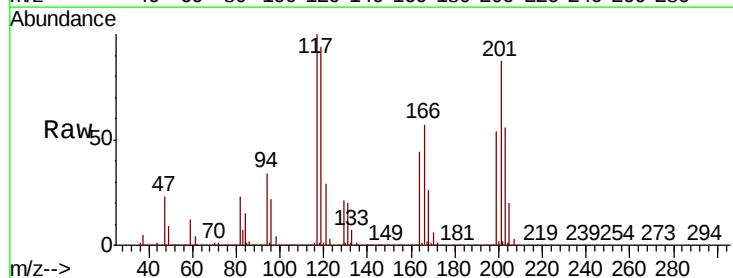
Acq: 28 Feb 2020 09:21

Tgt Ion: 117 Resp: 172519

Ion Ratio Lower Upper

117 100

201 87.0 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 53.028 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

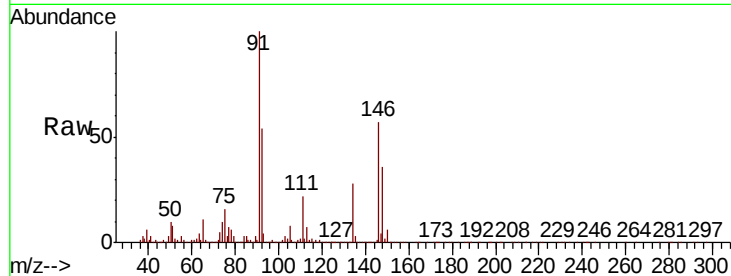
Tot Ion:146 Resp: 494371

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

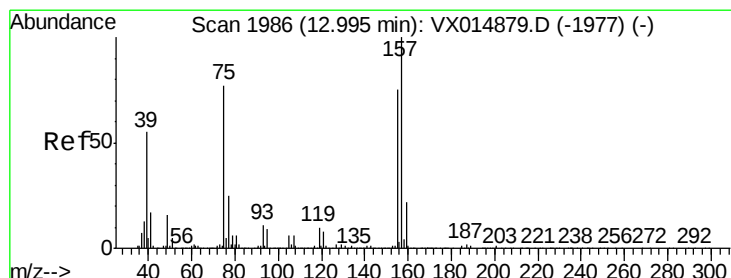
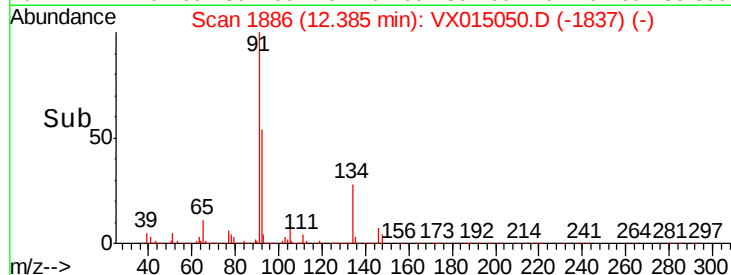
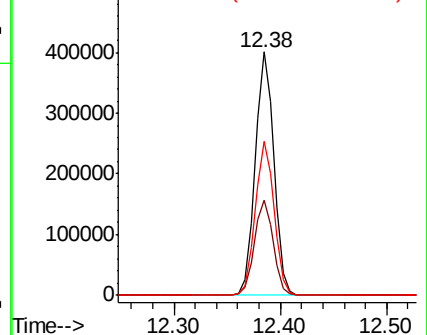
148 63.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.207 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015050.D

Acq: 28 Feb 2020 09:21

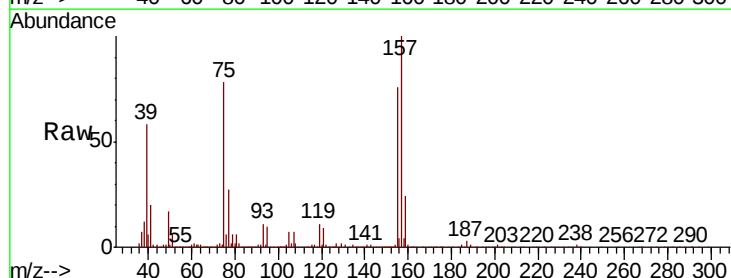
Tgt Ion: 75 Resp: 68736

Ion Ratio Lower Upper

75 100

155 96.9 48.6 145.9

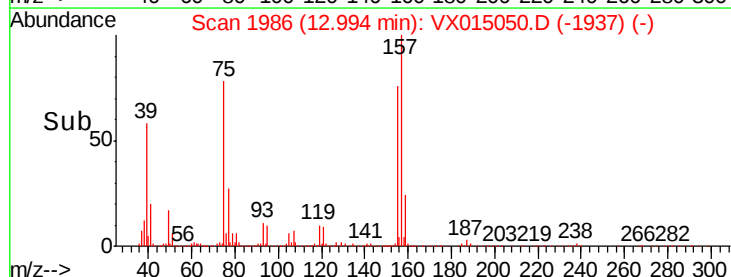
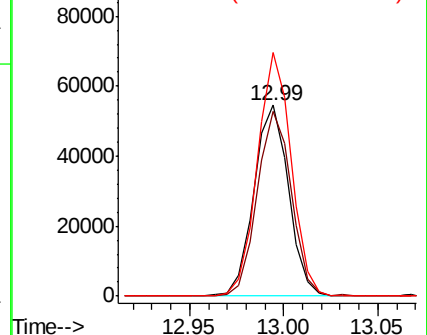
157 126.1 62.0 186.0

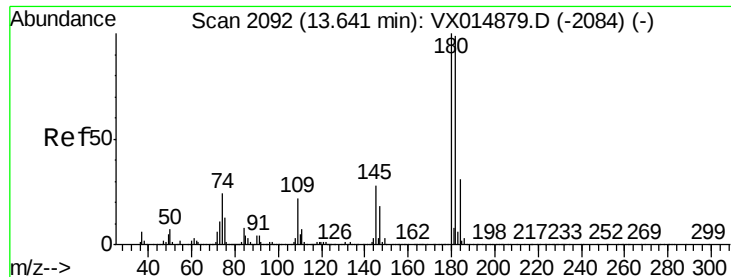


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

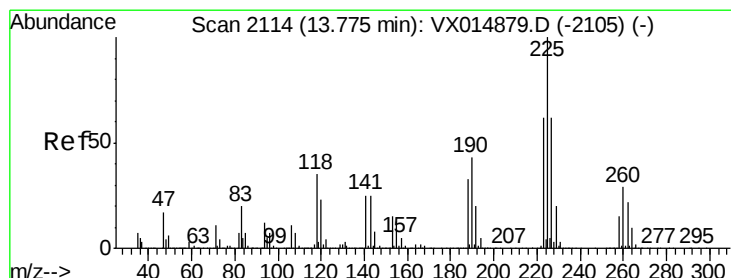
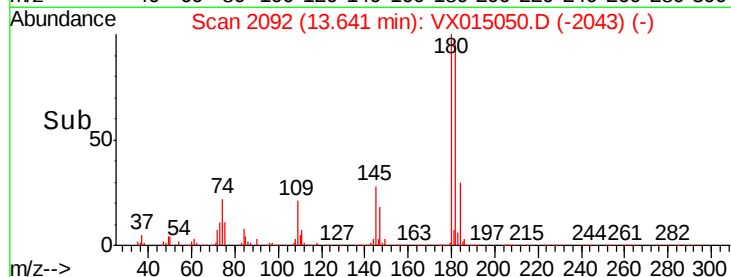
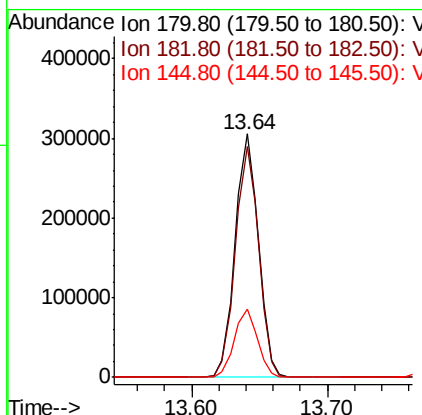
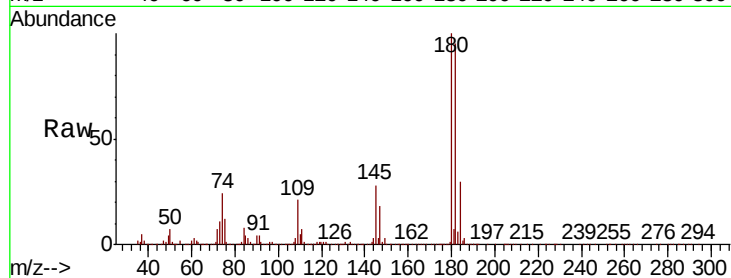




#93
 1,2,4-Trichlorobenzene
 Concen: 52.969 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

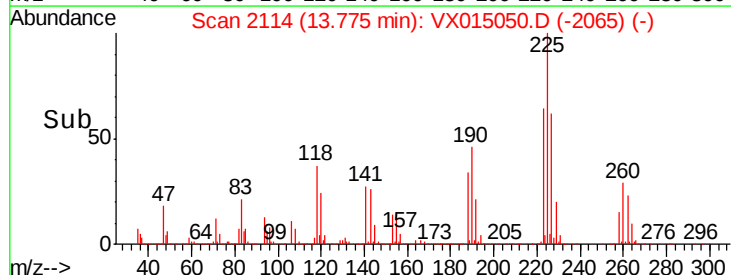
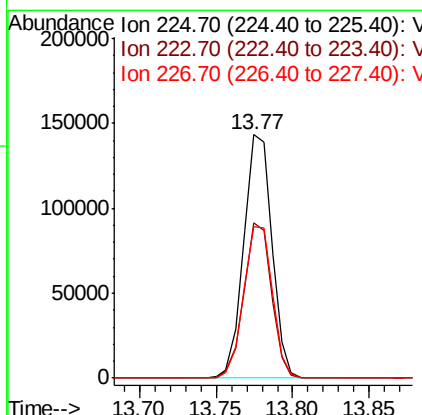
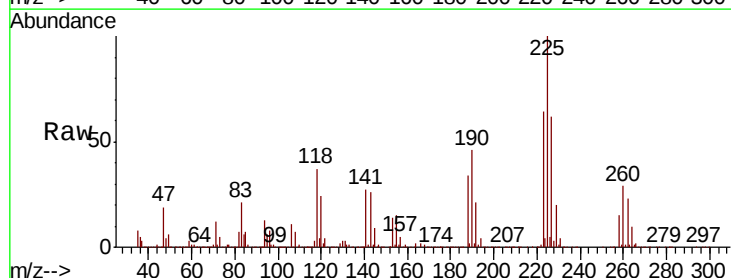
Instrument :
 MSVOA_X
 ClientSampleId :

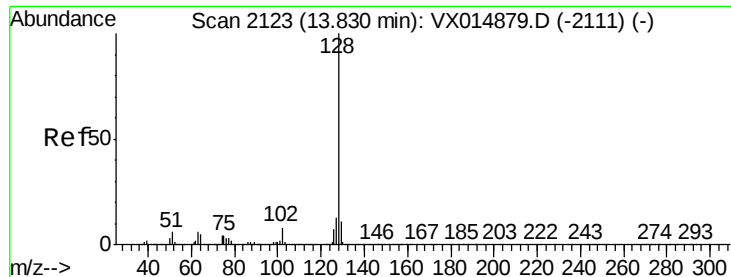
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.4	145.3
145	27.9	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 55.168 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015050.D
 Acq: 28 Feb 2020 09:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	63.4	30.9	92.5

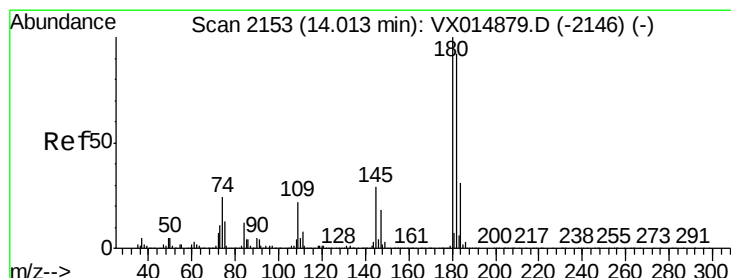
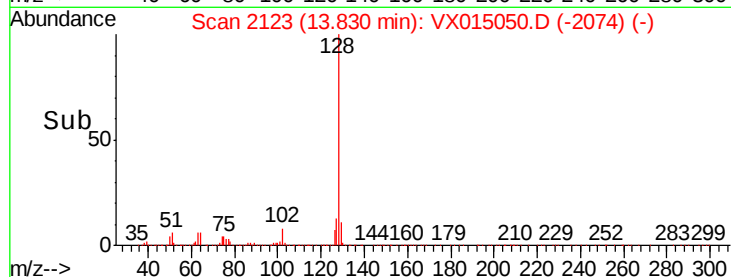
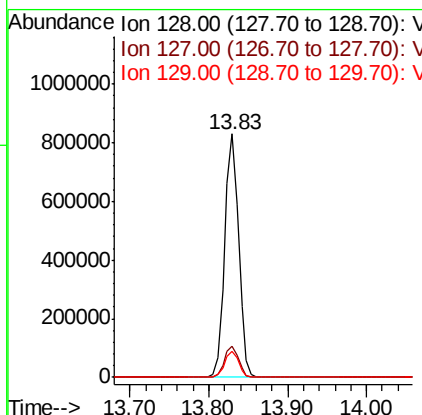
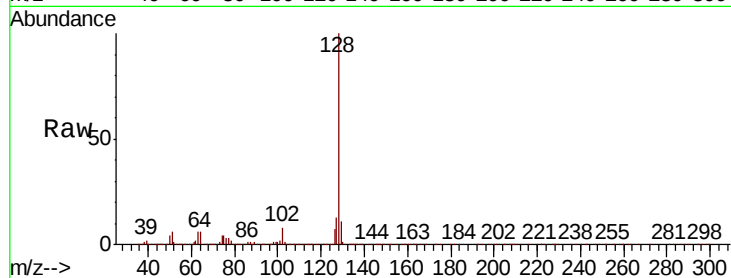




#95
Naphthalene
Concen: 55.660 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1018377
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.643 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015050.D
Acq: 28 Feb 2020 09:21

Tgt Ion:180 Resp: 356636
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 29.7 14.5 43.5

