

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015049.D
 Acq On : 28 Feb 2020 08:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	76796	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	409862	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	346706	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	153834	28.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.03%
60) 4-Bromofluorobenzene	11.13	95	172795	32.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	106.67%
63) Toluene-d8	8.71	98	493406	32.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	61885	18.046	ug/l 97
3) Chloromethane	1.32	50	86840	19.584	ug/l 98
4) Vinyl Chloride	1.41	62	86916	18.212	ug/l 100
5) Bromomethane	1.64	94	57499	17.205	ug/l 99
6) Chloroethane	1.72	64	58168	18.196	ug/l 98
7) Trichlorofluoromethane	1.93	101	120612	17.365	ug/l 98
8) Diethyl Ether	2.18	74	53181	18.201	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76398	19.025	ug/l 98
10) 1,1-Dichloroethene	2.37	96	74493	18.452	ug/l 92
11) Methyl Iodide	2.50	142	70058	14.282	ug/l 99
12) Methyl Acetate	2.76	43	99318	19.770	ug/l 96
13) Acrolein	2.28	56	92105	92.188	ug/l 99
14) Acrylonitrile	3.12	53	224026	98.745	ug/l 100
15) Acetone	2.43	58	94524	116.420	ug/l 99
16) Carbon Disulfide	2.56	76	199502	18.380	ug/l 99
17) Allyl chloride	2.72	41	137003	19.509	ug/l 96
18) Methylene Chloride	2.85	84	88390	19.003	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	82877	18.690	ug/l 97
20) Diisopropyl ether	3.84	45	282547	19.701	ug/l 97
21) 1,1-Dichloroethane	3.69	63	150835	19.186	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	94285	18.581	ug/l 99
23) tert-Butyl Alcohol	3.02	59	86414	96.087	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	247487	18.426	ug/l 97
25) Chloroform	5.20	83	145088	18.300	ug/l 98
26) Cyclohexane	5.57	56	131941	18.777	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	112056	19.329	ug/l 98
30) 2-Butanone	4.65	43	364253	108.856	ug/l 99
31) 2,2-Dichloropropane	4.57	77	118748	18.654	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	122813	18.655	ug/l 98
33) Carbon Tetrachloride	5.77	117	105580	18.320	ug/l 95
34) Benzene	6.13	78	342894	19.602	ug/l 97
35) Methacrylonitrile	5.02	41	67684	19.829	ug/l 97
36) 1,2-Dichloroethane	6.18	62	116111	18.752	ug/l 97
37) Trichloroethene	7.20	130	96269	19.601	ug/l 95
38) Methylcyclohexane	7.45	83	134369	18.699	ug/l 98
39) 1,2-Dichloropropane	7.50	63	87012	19.324	ug/l 98
40) Dibromomethane	7.65	93	59195	19.688	ug/l 100

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Quant Time: Feb 28 23:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	113178	19.056	ug/l	99
42) Vinyl Acetate	3.80	43	1156271	98.173	ug/l	100
43) Ethyl Acetate	4.81	43	122053	20.159	ug/l	96
44) Isopropyl Acetate	6.43	43	191687	18.833	ug/l	100
45) 1,4-Dioxane	7.73	88	38759	412.121	ug/l #	92
46) Methyl methacrylate	7.76	41	94498	18.767	ug/l	97
47) n-amyl Acetate	10.89	43	158422	17.967	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	119279	18.101	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	136860	18.865	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	83241	18.583	ug/l	97
51) Ethyl methacrylate	9.17	69	121200	17.530	ug/l	97
52) 1,3-Dichloropropane	9.36	76	143547	18.943	ug/l	97
53) Dibromochloromethane	9.57	129	85426	17.639	ug/l	98
54) 1,2-Dibromoethane	9.67	107	88271	18.560	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	356694	96.853	ug/l	98
56) Bromoform	10.85	173	66119	17.416	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	606574	106.752	ug/l	99
59) 2-Hexanone	9.48	43	497844	112.137	ug/l	99
61) Tetrachloroethene	9.33	164	94999	20.400	ug/l	98
62) Toluene	8.78	91	367778	20.710	ug/l	99
64) Chlorobenzene	10.13	112	214972	18.965	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	78840	18.778	ug/l	100
66) Ethyl Benzene	10.25	91	373029	19.069	ug/l	97
67) m/p-Xylenes	10.35	106	291712	38.671	ug/l	98
68) o-Xylene	10.69	106	143678	19.685	ug/l	100
69) Styrene	10.71	104	246225	19.752	ug/l	99
70) Isopropylbenzene	11.01	105	399916	20.627	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	130194	20.857	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	149485	28.870	ug/l	91
73) Bromobenzene	11.25	156	105004	20.044	ug/l	96
74) n-propylbenzene	11.35	91	460934	20.889	ug/l	99
75) 2-Chlorotoluene	11.42	91	276917	21.236	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	330712	20.354	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	40396	19.347	ug/l	97
78) 4-Chlorotoluene	11.51	91	316565	20.987	ug/l	100
79) tert-butylbenzene	11.76	119	317279	20.212	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	333654	20.655	ug/l	99
81) sec-Butylbenzene	11.94	105	391609	20.831	ug/l	100
82) p-Isopropyltoluene	12.06	119	360879	20.663	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	187155	20.380	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	189063	20.444	ug/l	98
85) n-Butylbenzene	12.39	91	309510	20.365	ug/l	99
86) Hexachloroethane	12.59	117	62264	19.723	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	187198	20.485	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	26780	19.698	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	130692	19.887	ug/l	99
90) Hexachlorobutadiene	13.78	225	66786	20.464	ug/l	96
91) Naphthalene	13.83	128	362440	19.481	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	131603	20.171	ug/l	98

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Instrument :
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ClientSampleId :

Quant Time: Feb 28 23:23:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

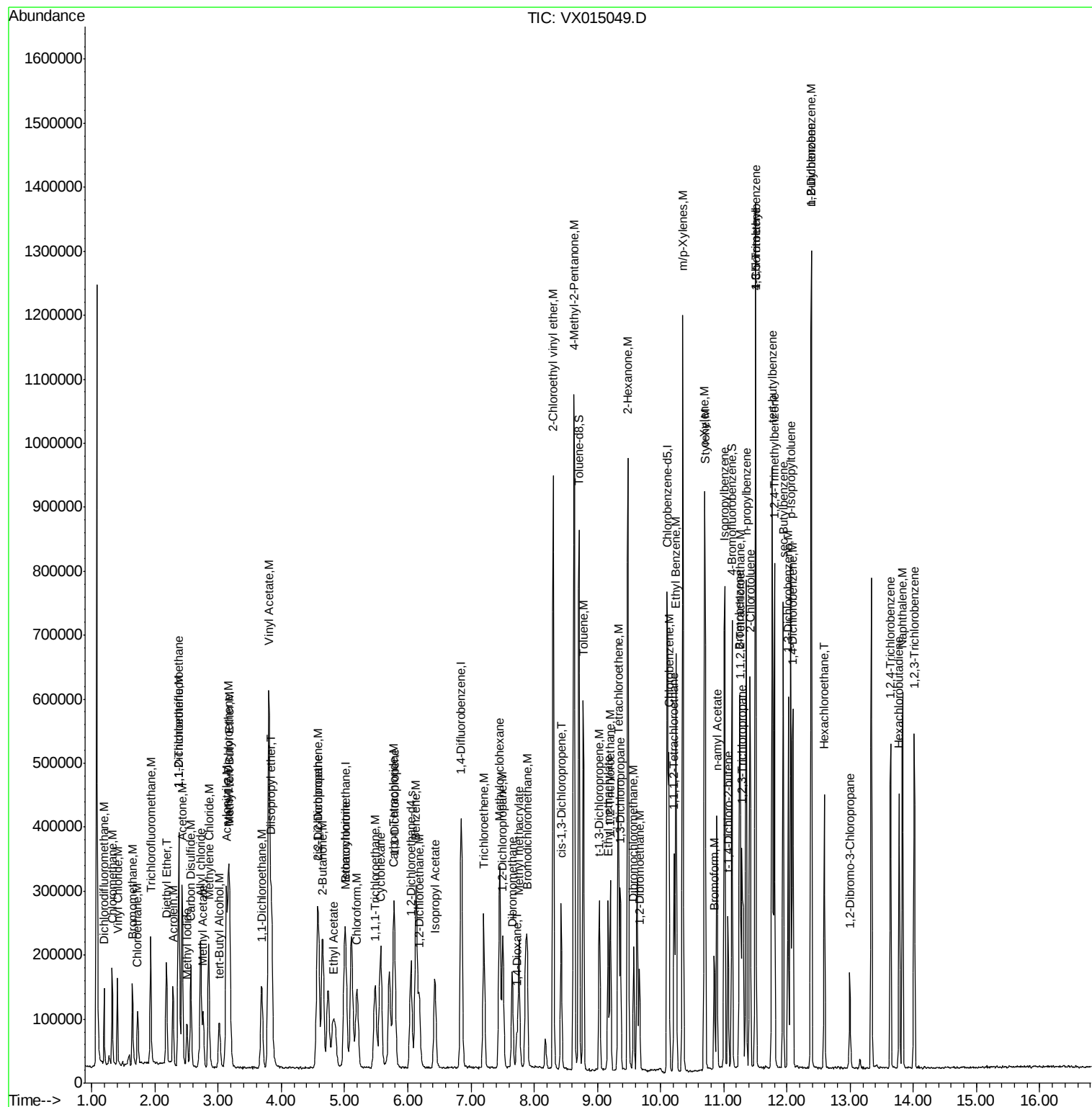
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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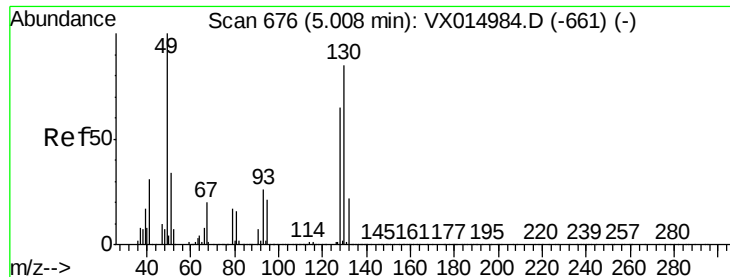
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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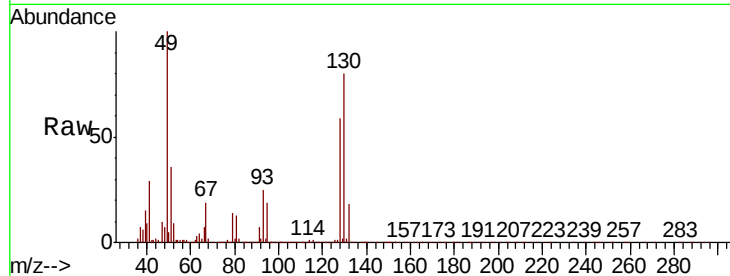


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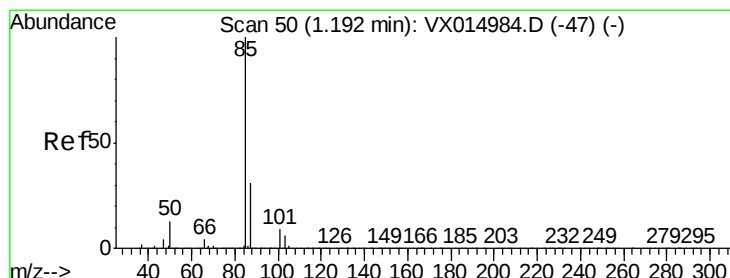
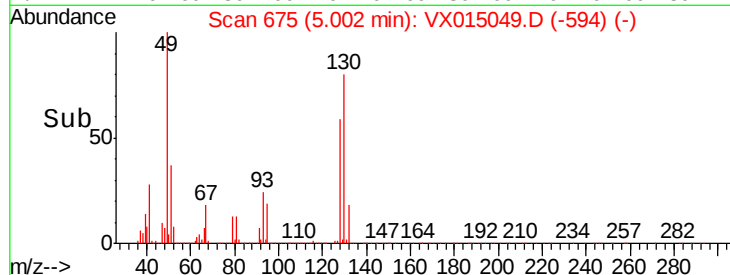
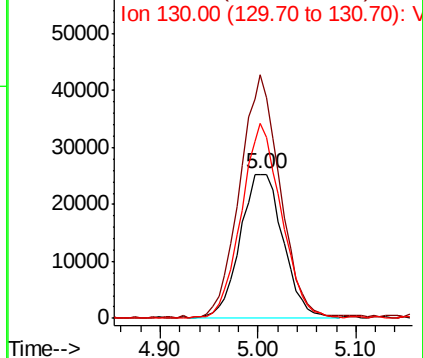
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:128 Resp: 76796
 Ion Ratio Lower Upper
 128 100
 49 157.5 0.0 384.7
 130 126.9 0.0 330.8



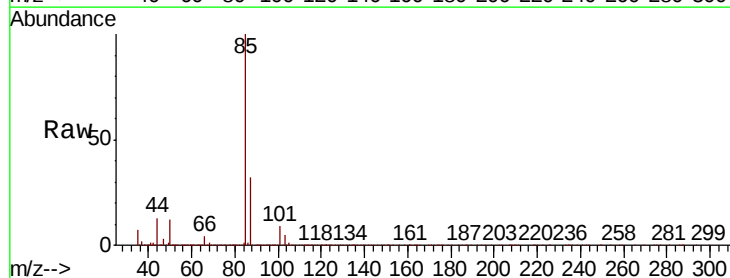
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



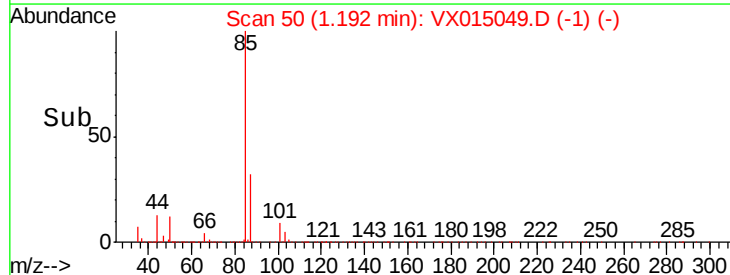
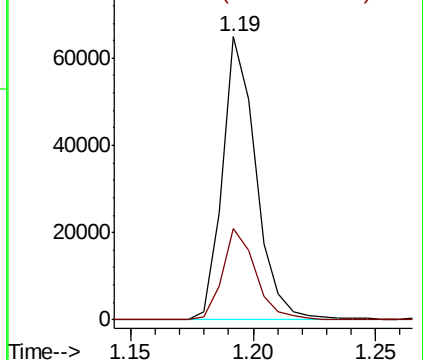
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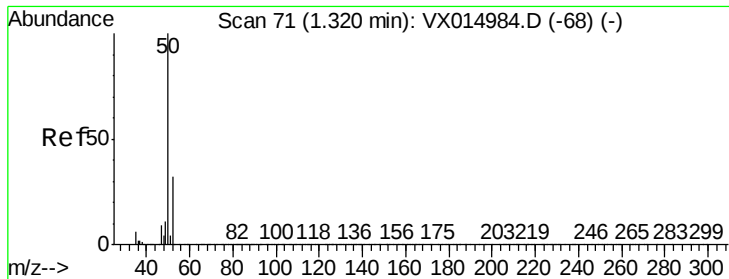
Dichlorodifluoromethane
 Concen: 18.046 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 85 Resp: 61885
 Ion Ratio Lower Upper
 85 100
 87 32.1 15.3 45.9



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

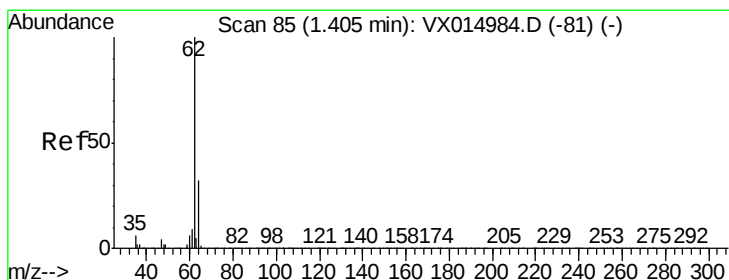
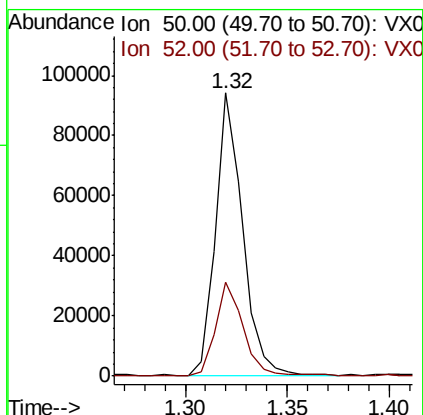
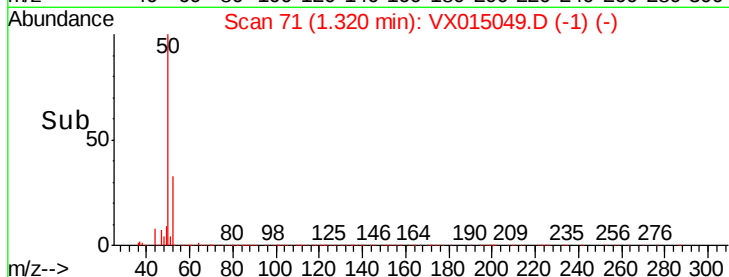
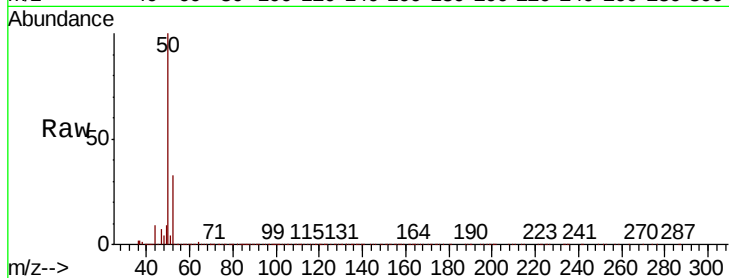




#3
Chloromethane
Concen: 19.584 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

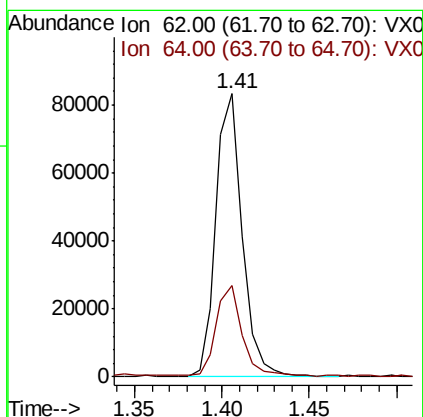
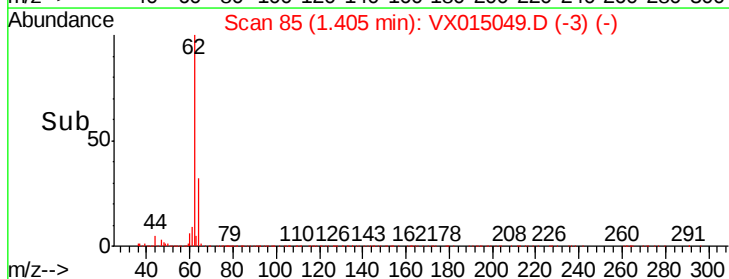
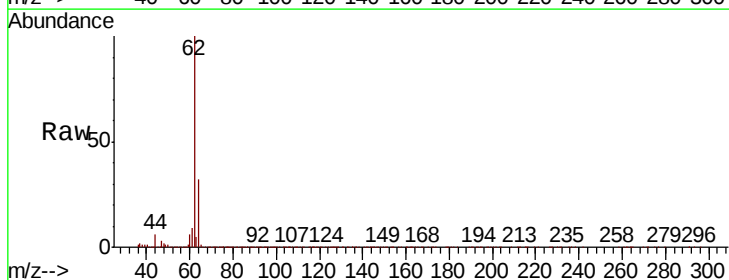
Instrument :
MSVOA_X
ClientSampleId :

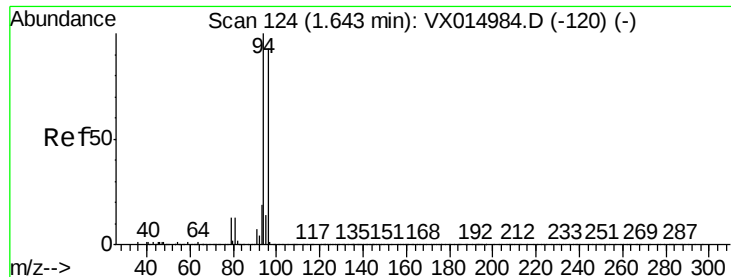
Tot Ion: 50 Resp: 86840
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0



#4
Vinyl Chloride
Concen: 18.212 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 62 Resp: 86916
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 17.205 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

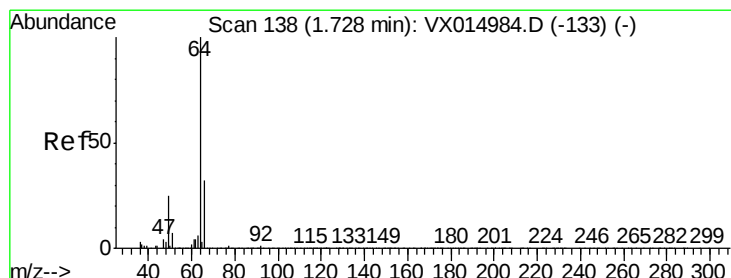
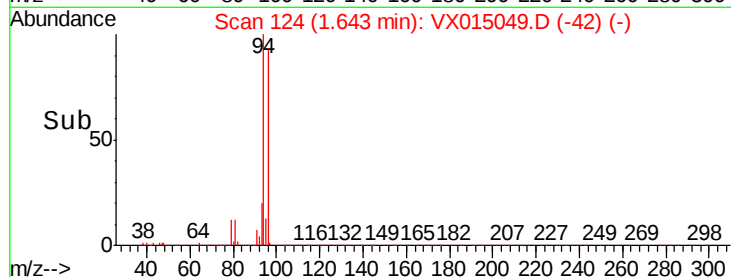
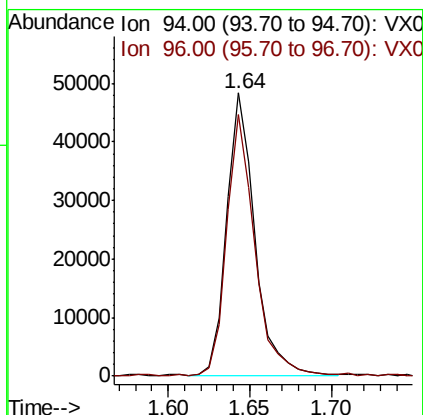
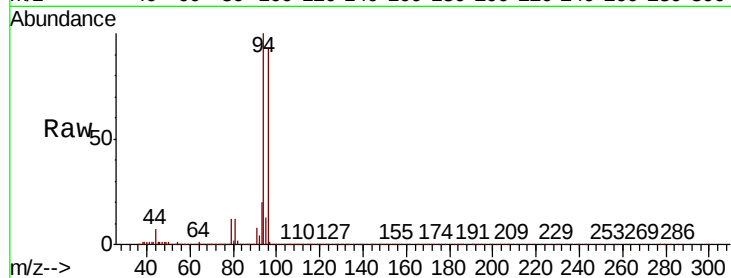
ClientSampled :

Tot Ion: 94 Resp: 57499

Ion Ratio Lower Upper

94 100

96 92.6 74.6 112.0



#6

Chloroethane

Concen: 18.196 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015049.D

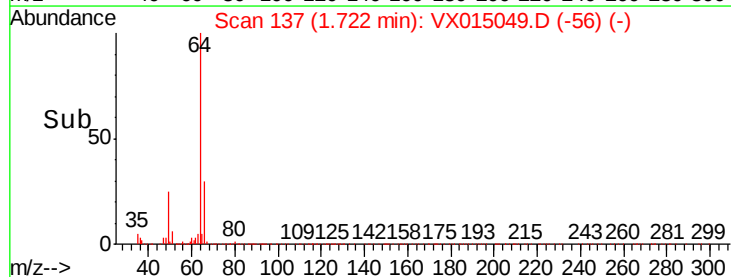
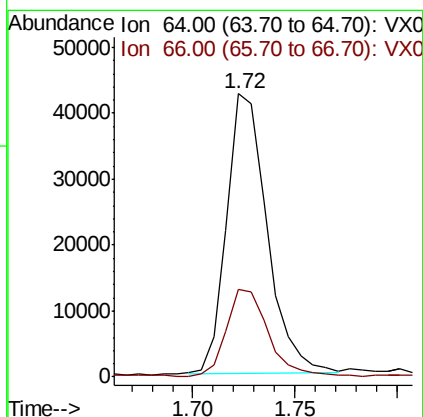
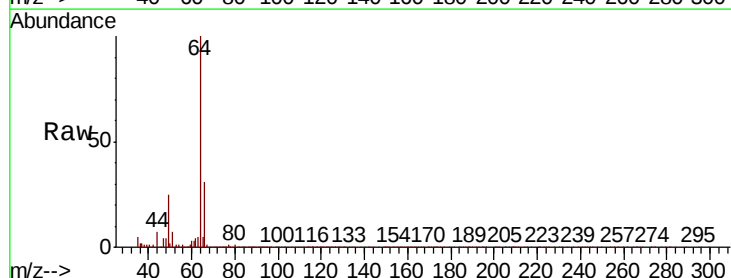
Acq: 28 Feb 2020 08:41

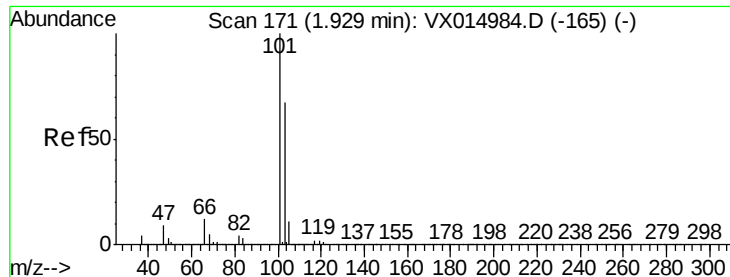
Tgt Ion: 64 Resp: 58168

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.6



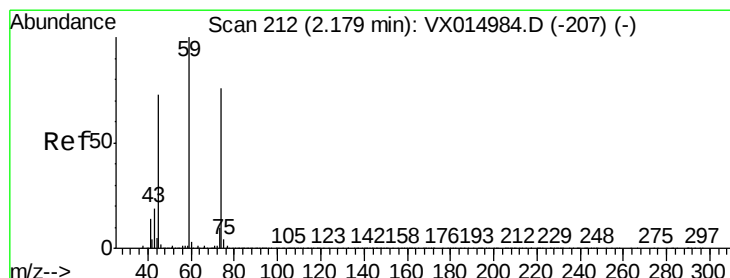
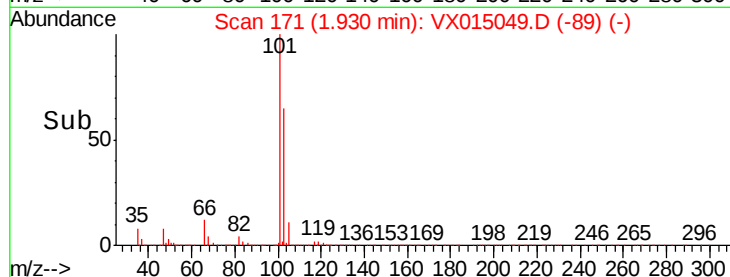
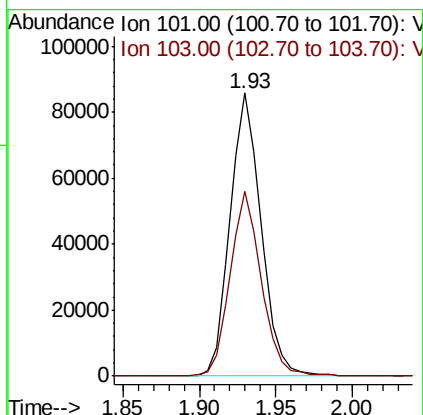
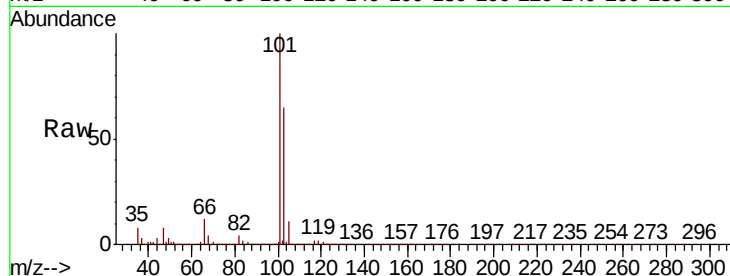


#7

Trichlorofluoromethane
Concen: 17.365 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Instrument :
MSVOA_X
ClientSampleId :

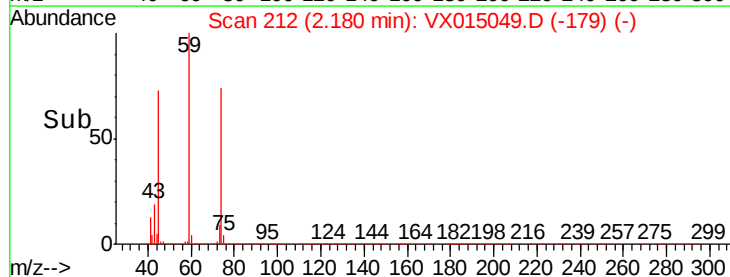
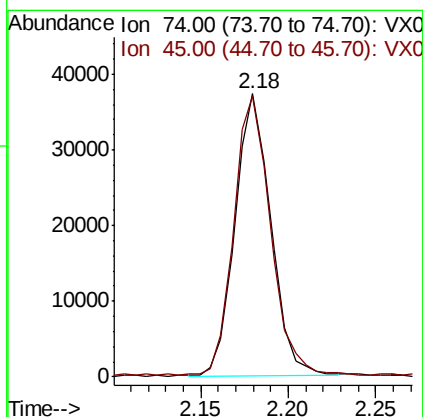
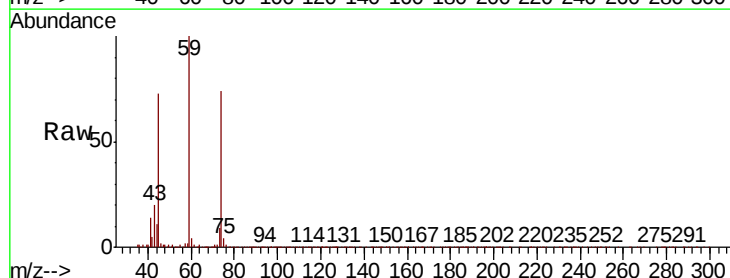
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.4	80.2

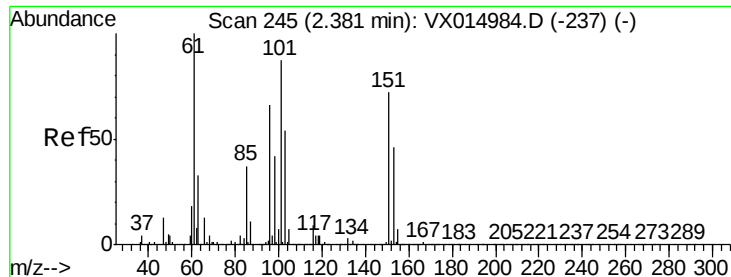


#8

Diethyl Ether
Concen: 18.201 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.025 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

ClientSampleId :

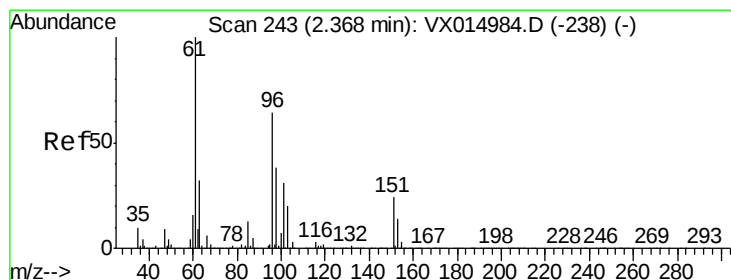
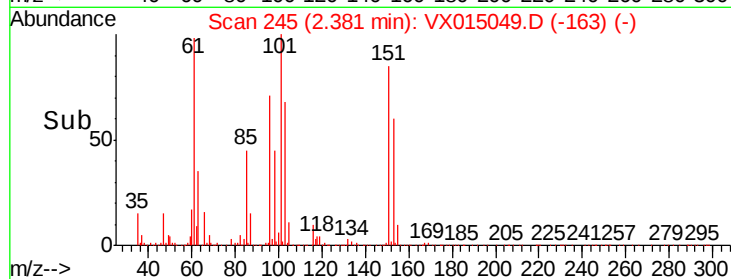
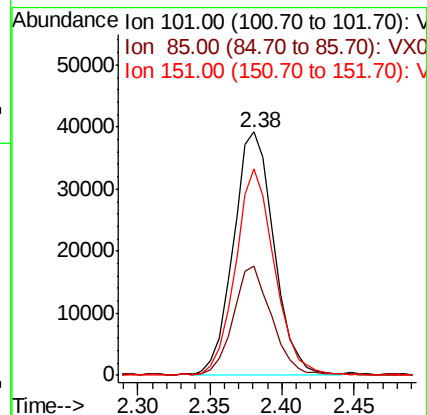
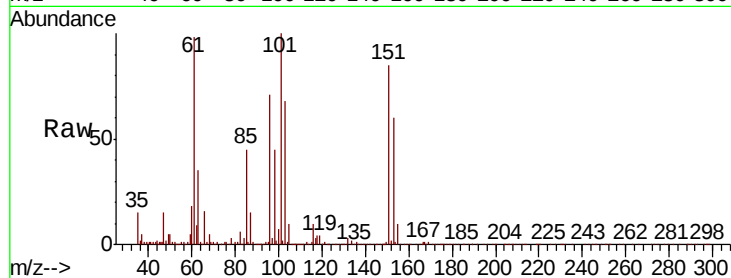
Tot Ion:101 Resp: 76398

Ion Ratio Lower Upper

101 100

85 42.1 0.0 86.6

151 81.9 0.0 167.4



#10

1,1-Dichloroethene

Concen: 18.452 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

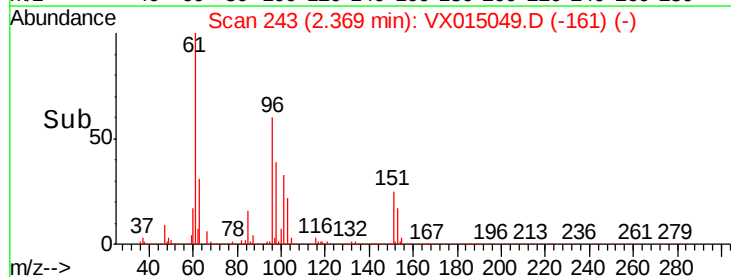
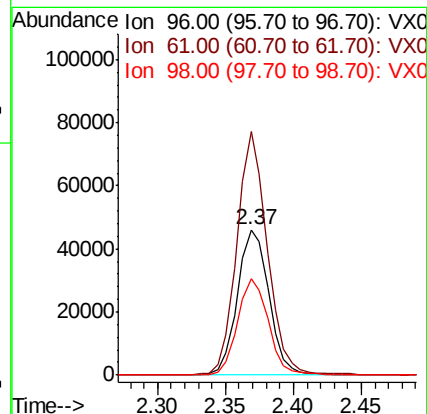
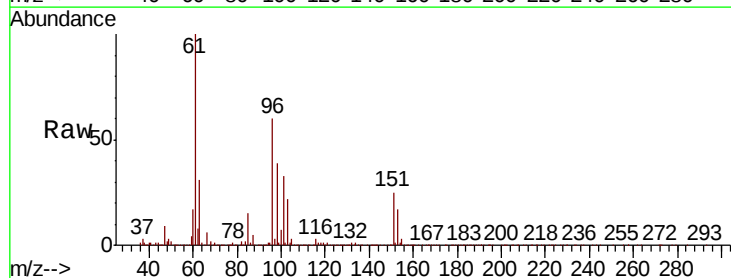
Tgt Ion: 96 Resp: 74493

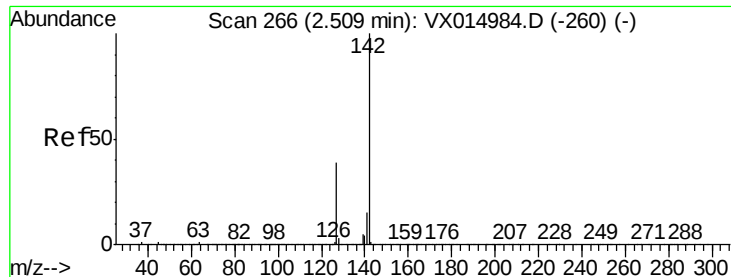
Ion Ratio Lower Upper

96 100

61 167.5 126.1 189.1

98 65.8 48.2 72.2

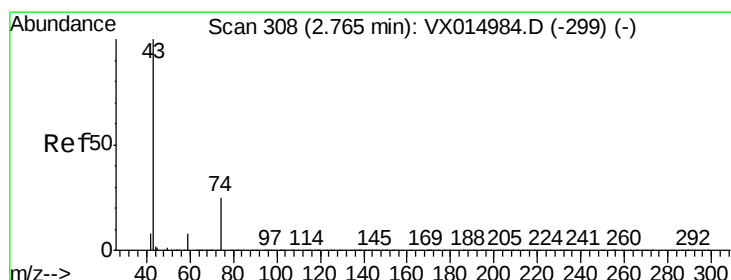
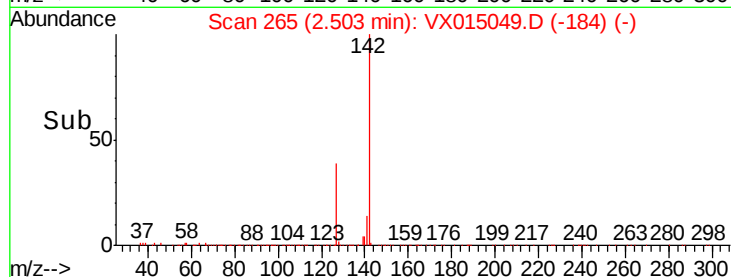
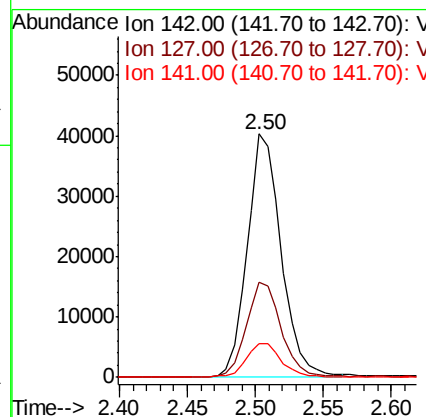
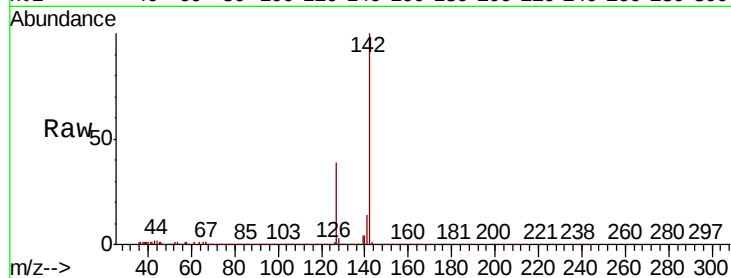




#11
Methvl Iodide
Concen: 14.282 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

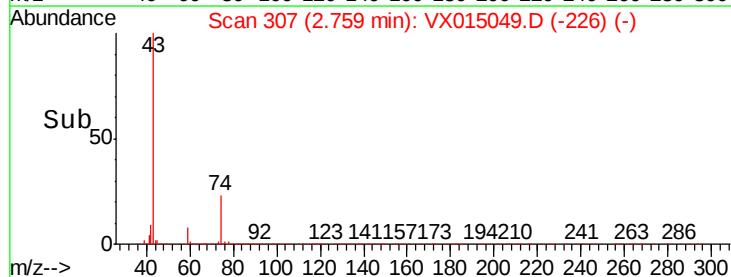
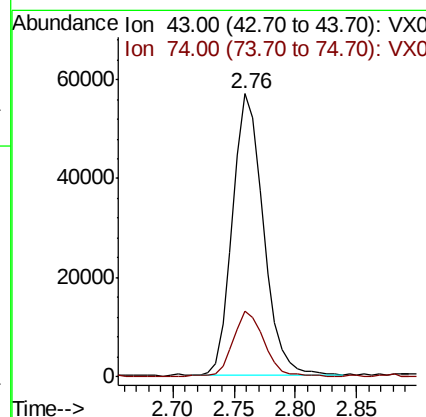
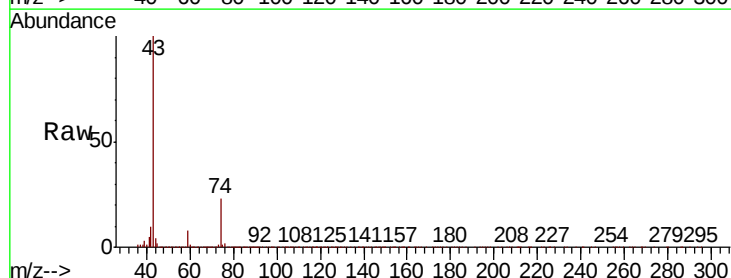
Instrument :
MSVOA_X
ClientSampled :

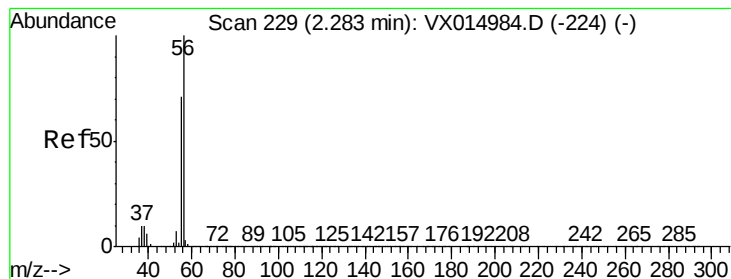
Tot Ion:142 Resp: 70058
Ion Ratio Lower Upper
142 100
127 39.1 19.7 59.0
141 14.1 7.4 22.2



#12
Methyl Acetate
Concen: 19.770 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 43 Resp: 99318
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.8





#13

Acrolein

Concen: 92.188 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

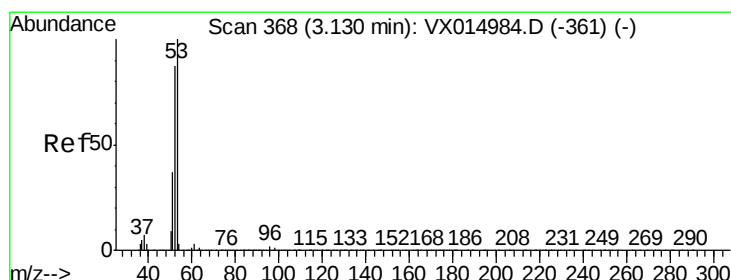
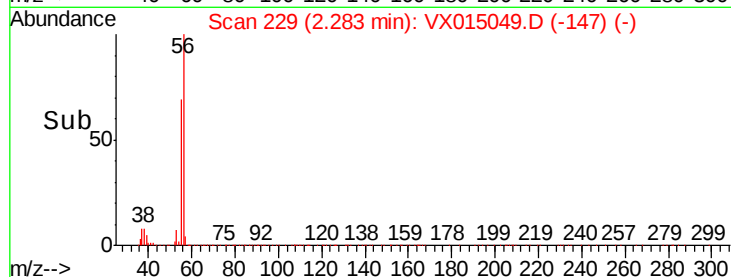
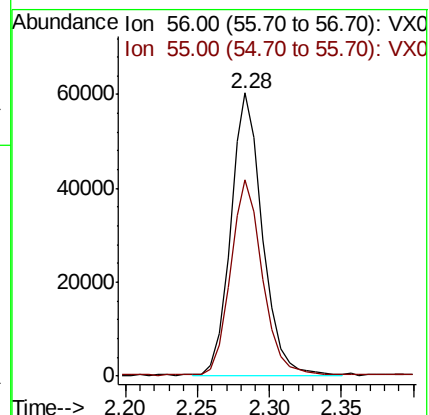
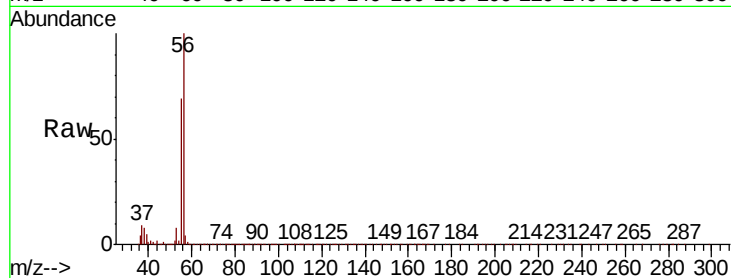
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 92105

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Acrylonitrile

Concen: 98.745 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

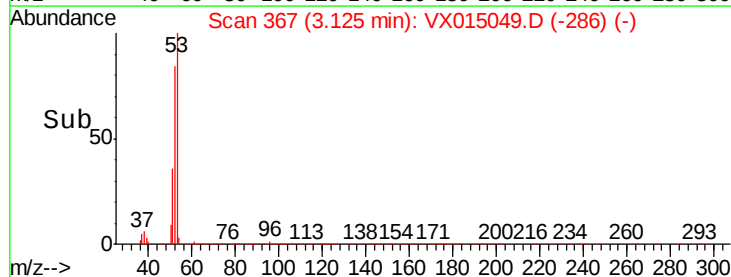
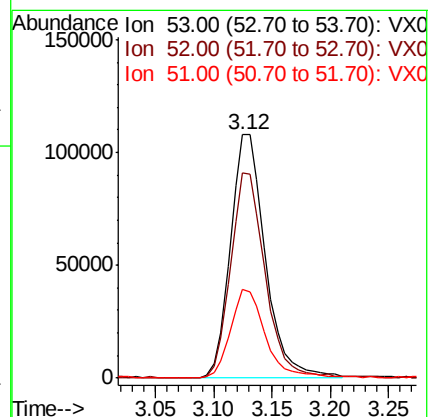
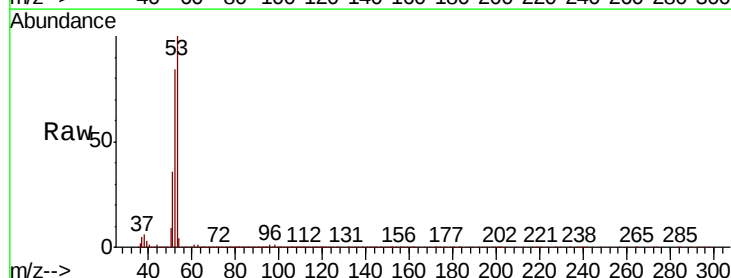
Tgt Ion: 53 Resp: 224026

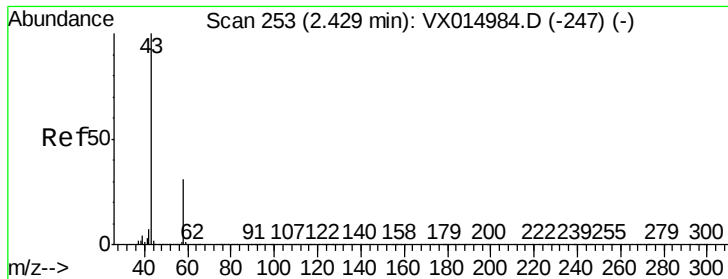
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 36.1 18.1 54.4





#15

Acetone

Concen: 116.420 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

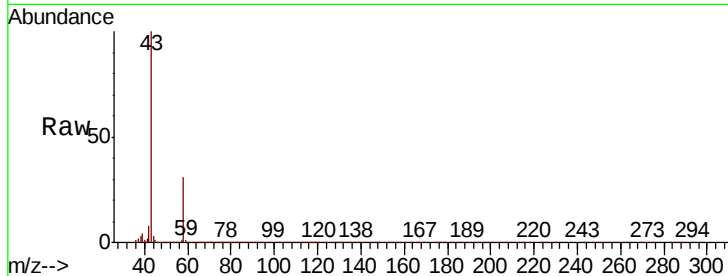
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 94524

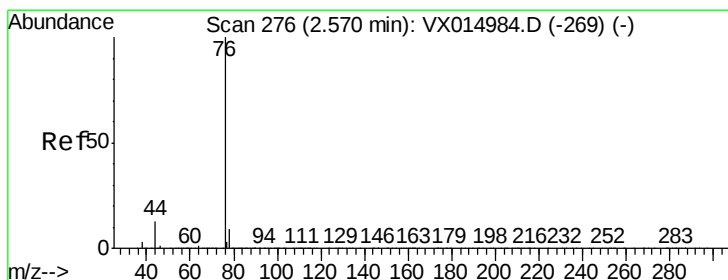
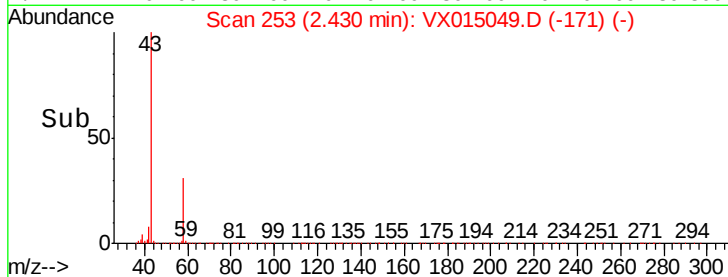
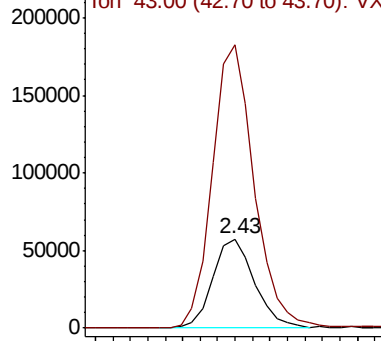
Ion Ratio Lower Upper

58 100

43 319.2 257.7 386.5



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



#16

Carbon Disulfide

Concen: 18.380 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015049.D

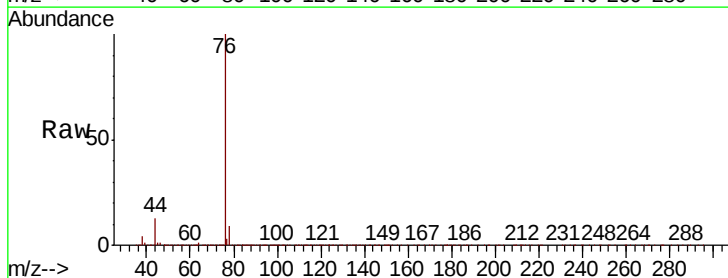
Acq: 28 Feb 2020 08:41

Tgt Ion: 76 Resp: 199502

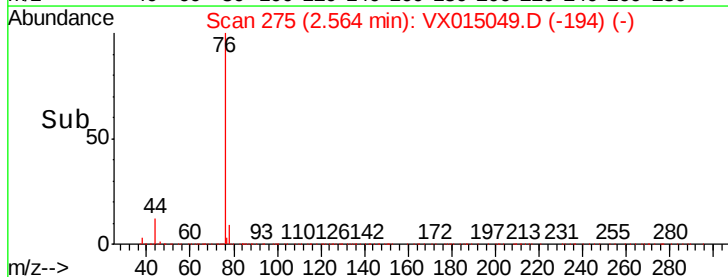
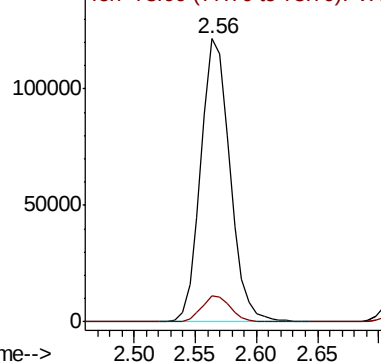
Ion Ratio Lower Upper

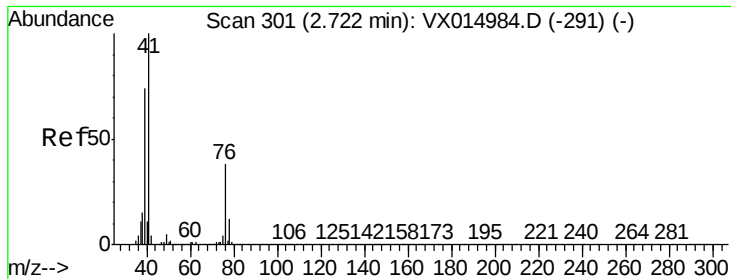
76 100

78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

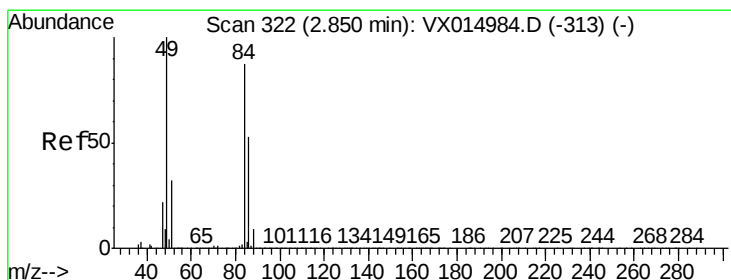
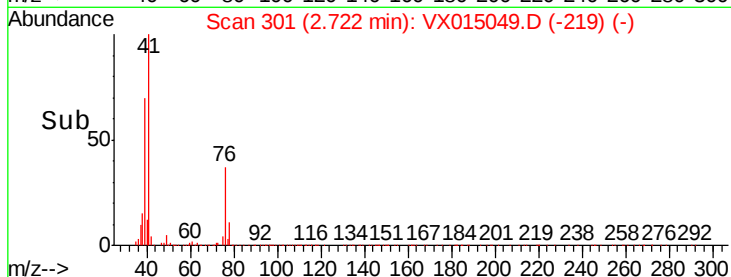
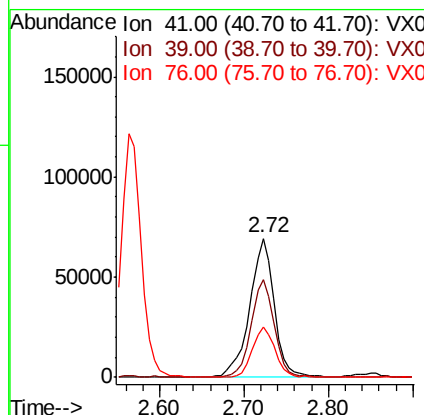
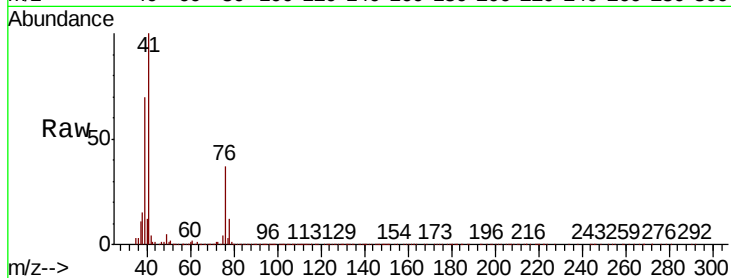




#17
Allvl chloride
Concen: 19.509 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

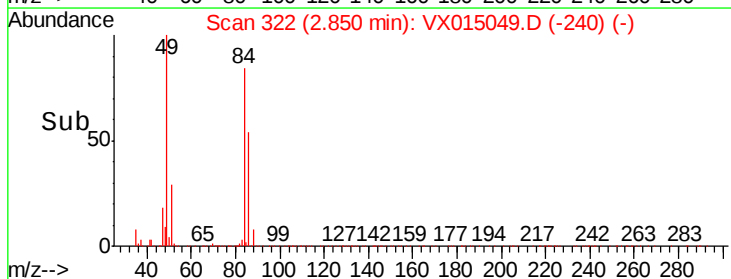
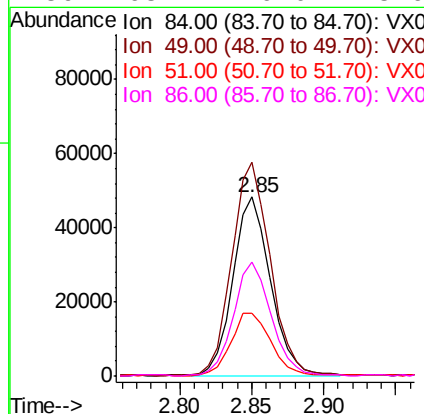
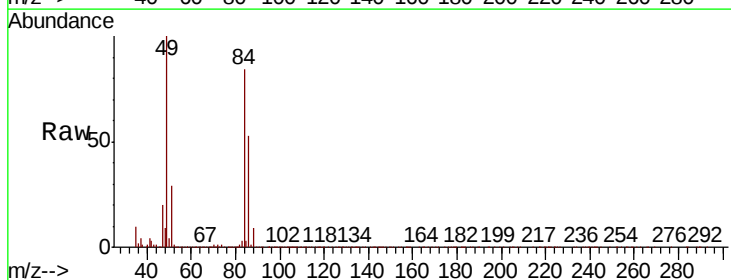
Instrument :
MSVOA_X
ClientSampleId :

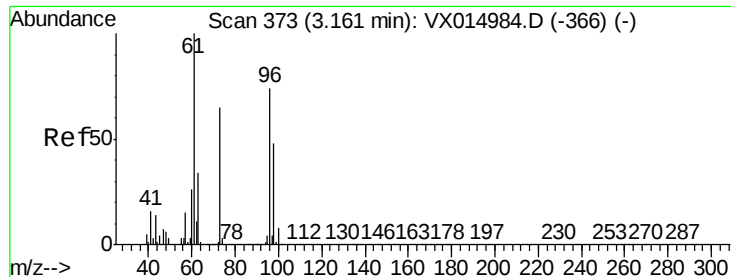
Tot Ion: 41 Resp: 137003
Ion Ratio Lower Upper
41 100
39 69.9 37.1 111.5
76 36.3 18.8 56.4



#18
Methylene Chloride
Concen: 19.003 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 84 Resp: 88390
Ion Ratio Lower Upper
84 100
49 119.1 92.2 138.2
51 34.5 29.7 44.5
86 63.4 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 18.690 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :
MSVOA_X
ClientSampleId :

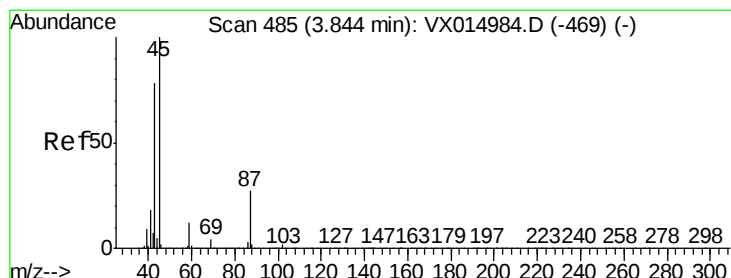
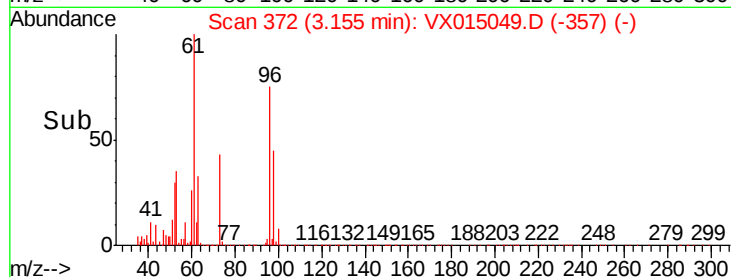
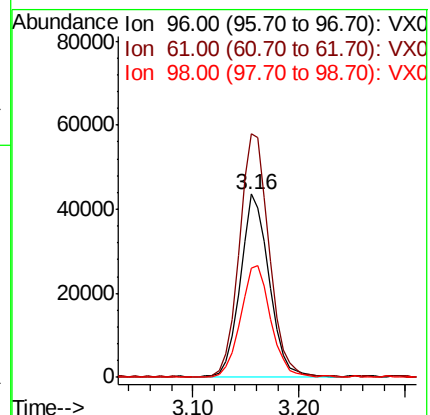
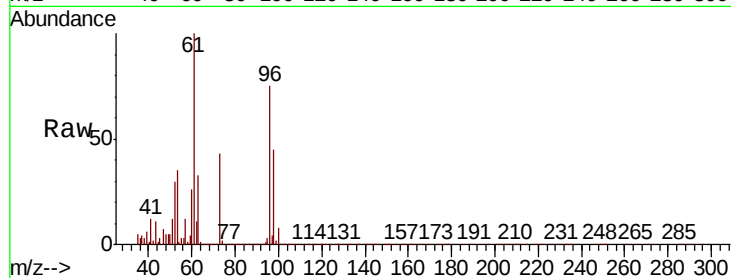
Tot Ion: 96 Resp: 82877

Ion Ratio Lower Upper

96 100

61 132.7 107.1 160.7

98 59.6 51.4 77.2



#20

Diisopropyl ether

Concen: 19.701 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Tgt Ion: 45 Resp: 282547

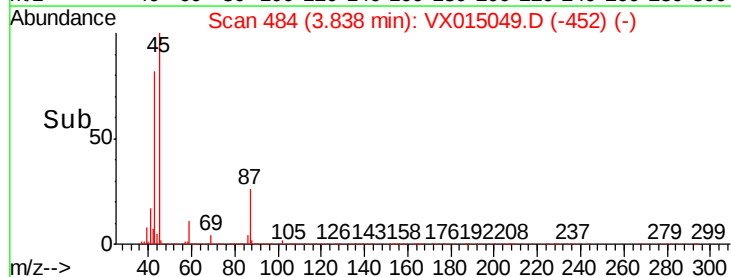
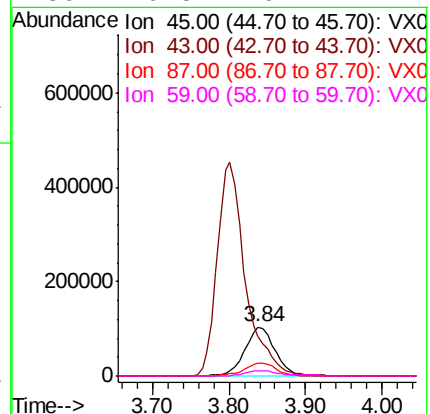
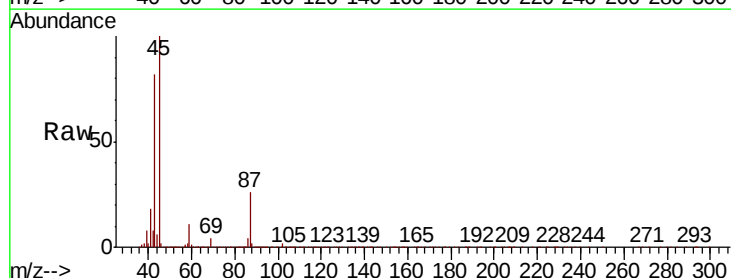
Ion Ratio Lower Upper

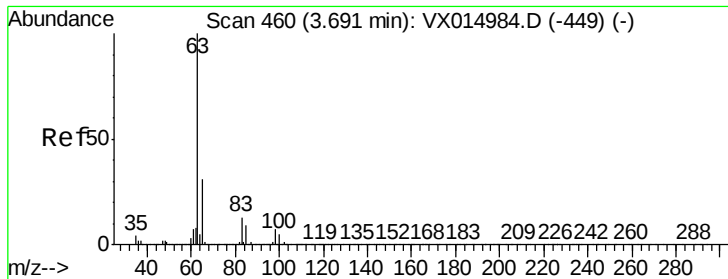
45 100

43 81.0 62.3 93.5

87 26.4 21.8 32.6

59 10.8 9.4 14.2

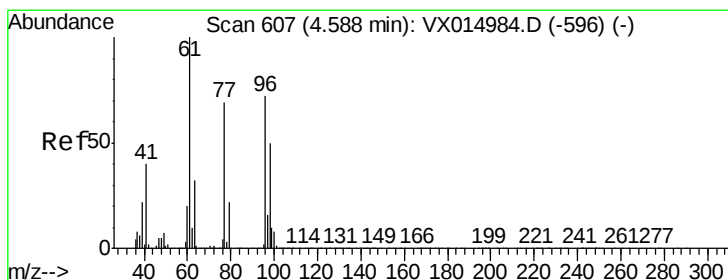
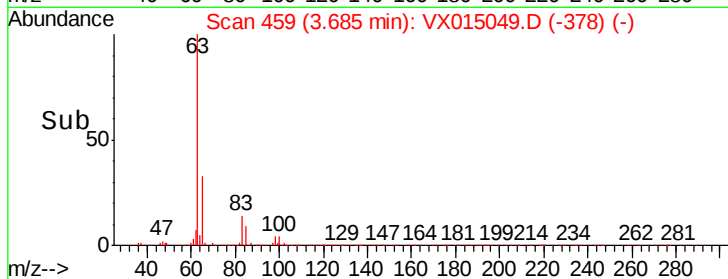
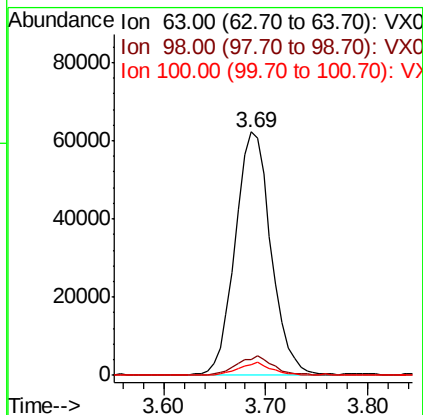
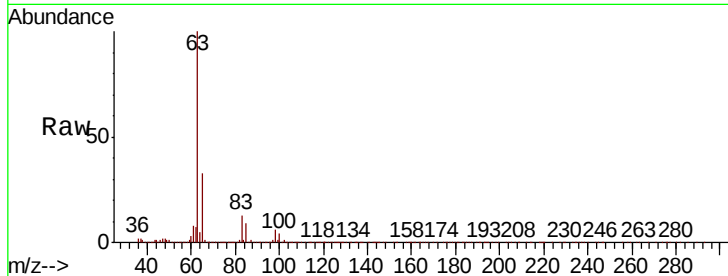




#21
 1,1-Dichloroethane
 Concen: 19.186 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

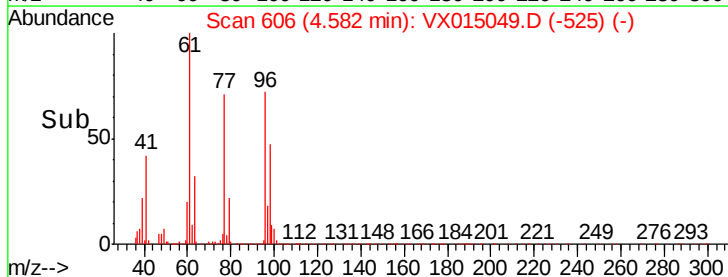
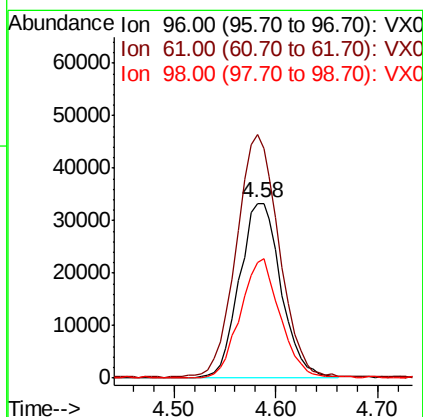
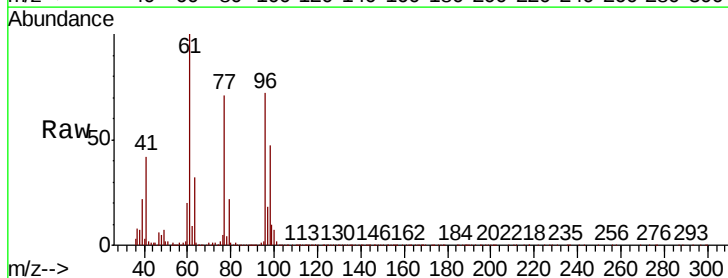
Instrument :
 MSVOA_X
 ClientSampleId :

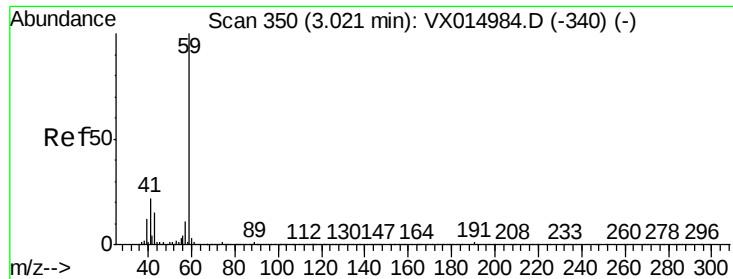
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.5
100	4.0	2.5	7.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.581 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	110.6	165.8
98	64.9	50.4	75.6



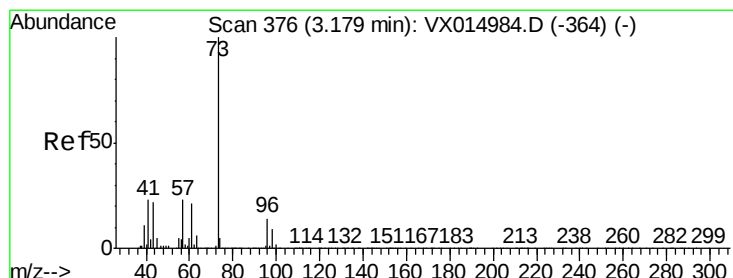
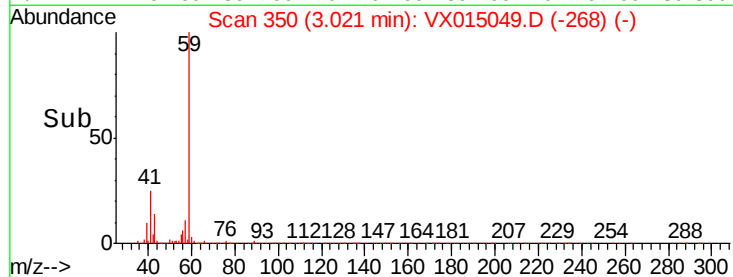
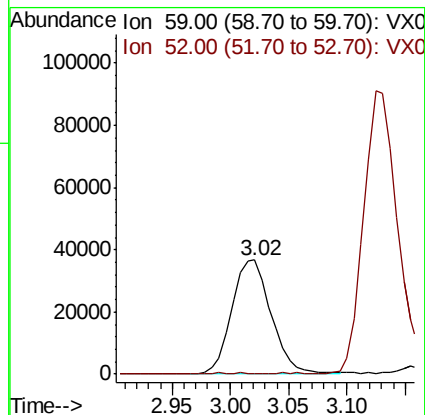
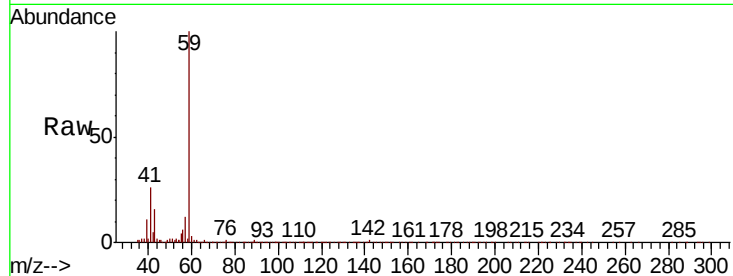


#23

tert-Butyl Alcohol
 Concen: 96.087 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Instrument :
 MSVOA_X
 ClientSampleId :

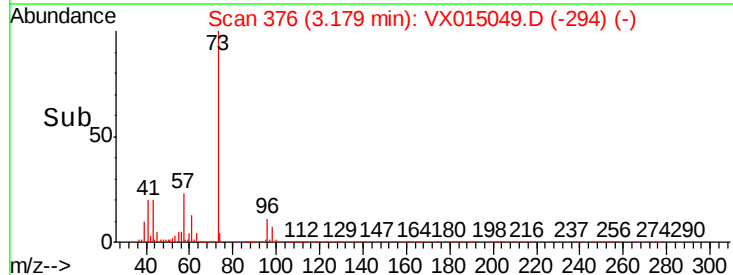
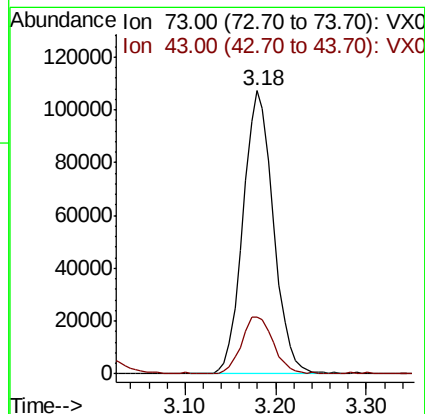
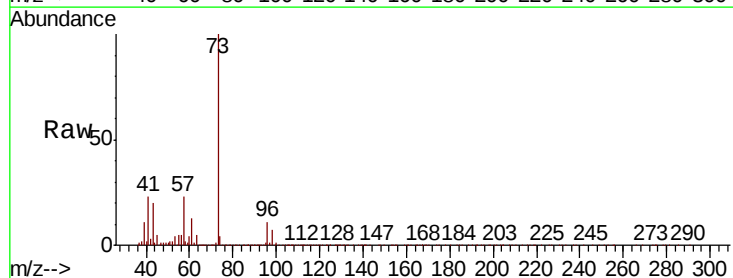
Tot Ion: 59 Resp: 86414
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.4 0.6#

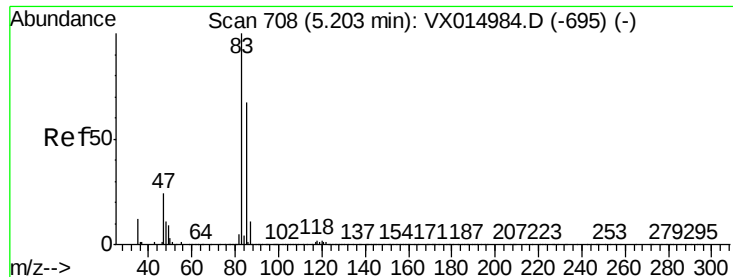


#24

Methyl tert-Butyl Ether
 Concen: 18.426 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 73 Resp: 247487
 Ion Ratio Lower Upper
 73 100
 43 20.8 17.7 26.5

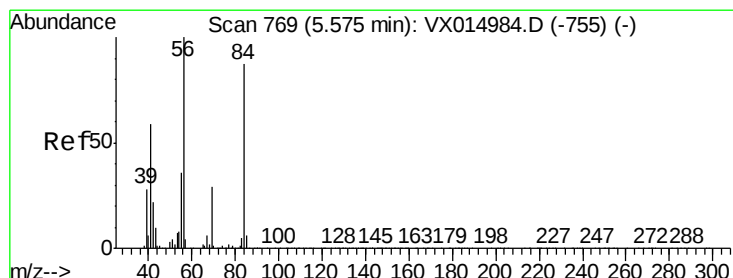
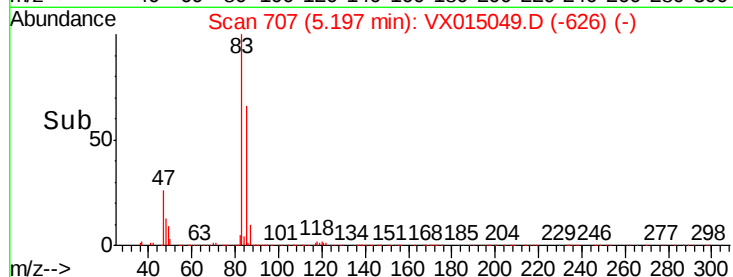
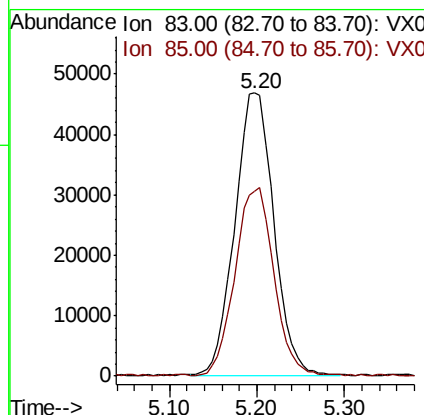
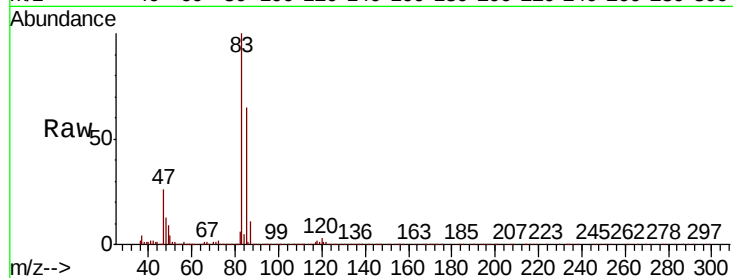




#25
Chloroform
Concen: 18.300 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

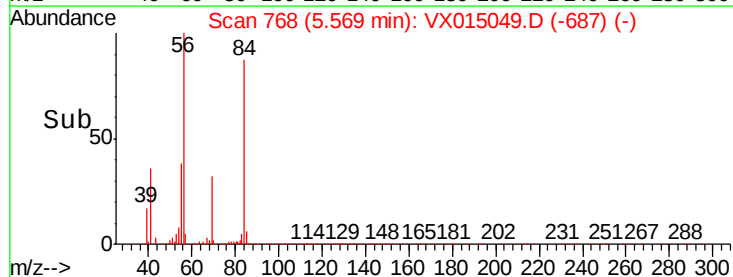
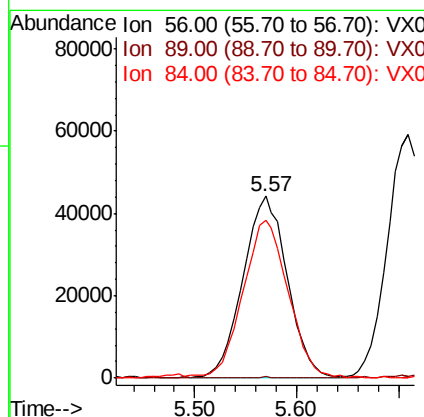
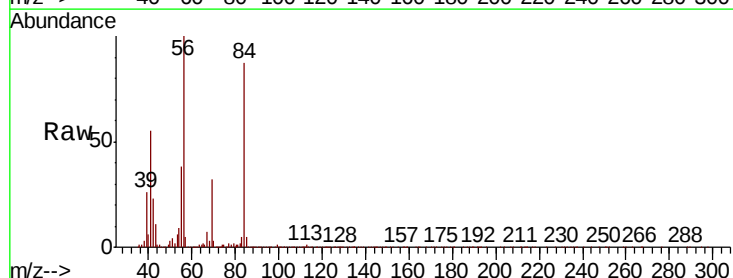
Instrument :
MSVOA_X
ClientSampleId :

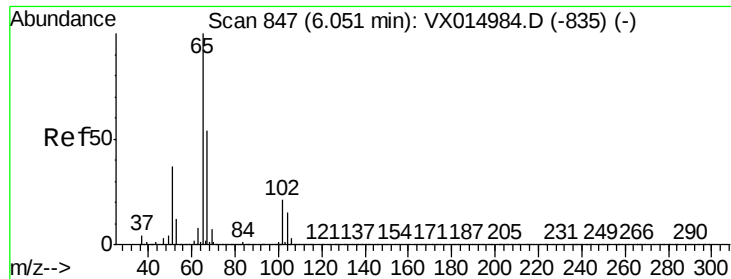
Tot Ion: 83 Resp: 145088
Ion Ratio Lower Upper
83 100
85 65.4 53.4 80.0



#26
Cyclohexane
Concen: 18.777 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 56 Resp: 131941
Ion Ratio Lower Upper
56 100
89 0.1 0.2 0.2#
84 88.5 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 28.807 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

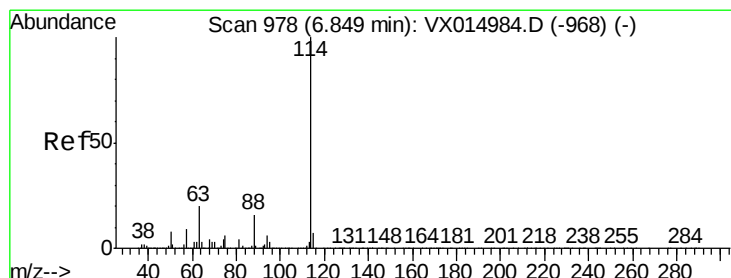
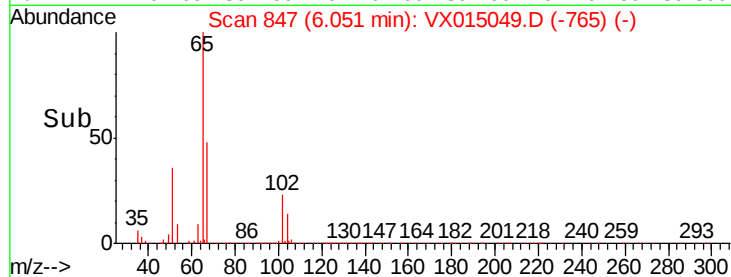
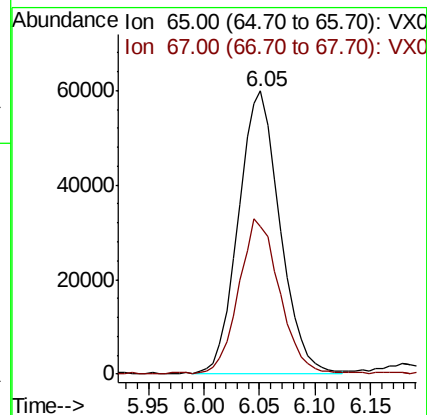
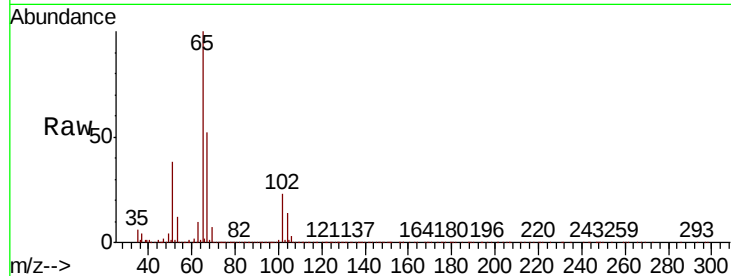
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 153834

Ion Ratio Lower Upper

65 100

67 53.8 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

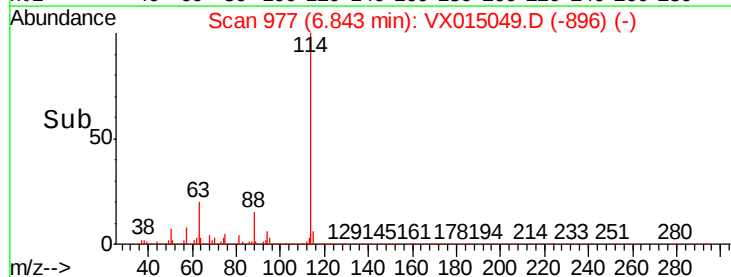
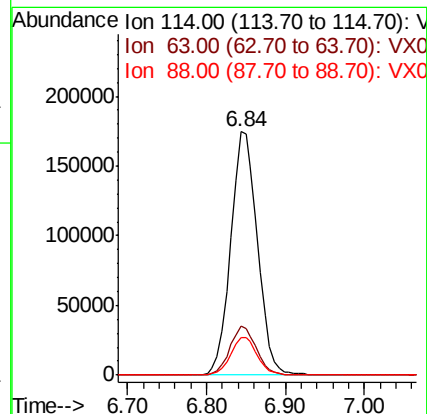
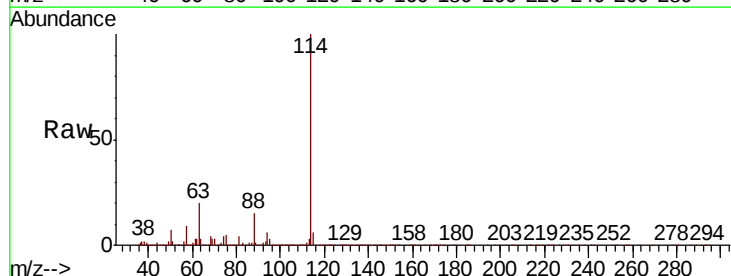
Tgt Ion: 114 Resp: 409862

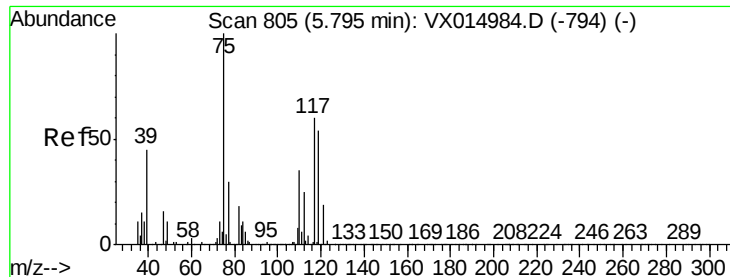
Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

88 15.5 12.2 18.2

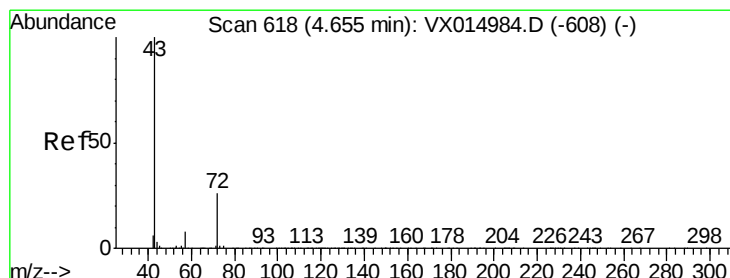
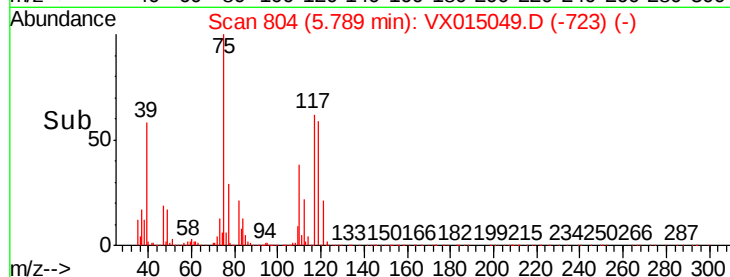
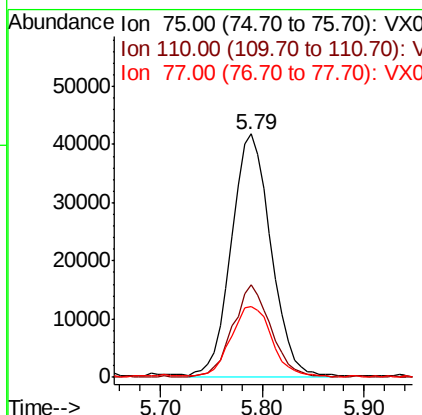
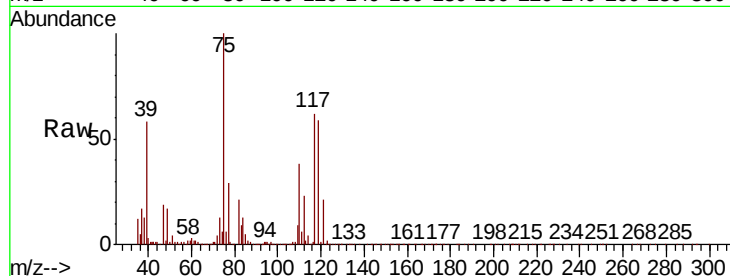




#29
 1,1-Dichloropropene
 Concen: 19.329 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

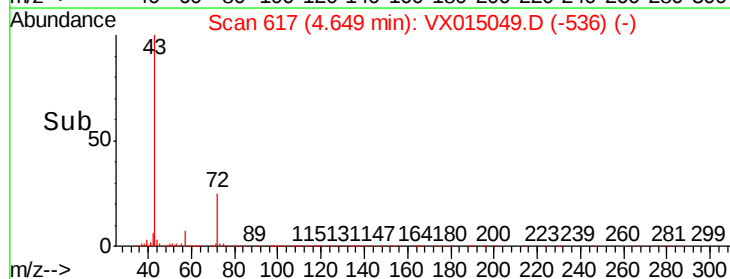
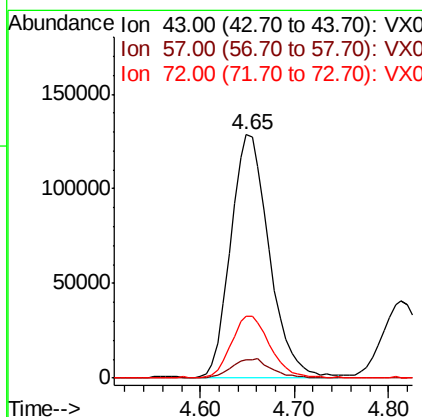
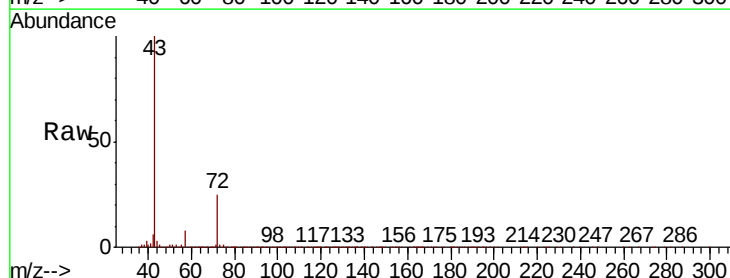
Instrument :
 MSVOA_X
 ClientSampleId :

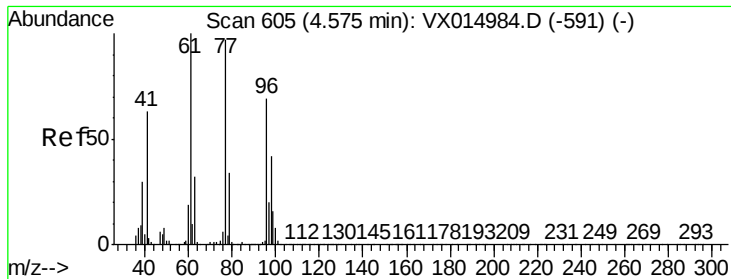
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	75.0
77	30.0	0.0	64.0



#30
 2-Butanone
 Concen: 108.856 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	25.1	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.654 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

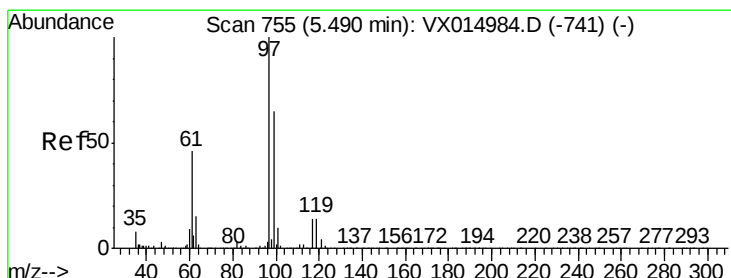
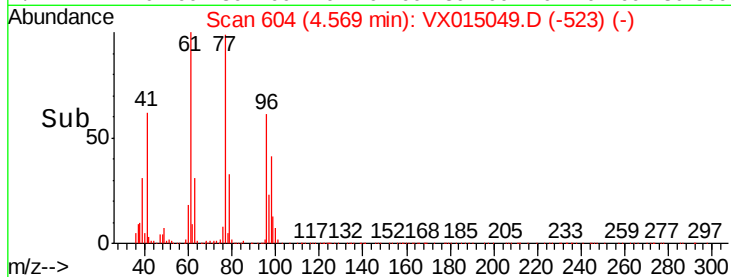
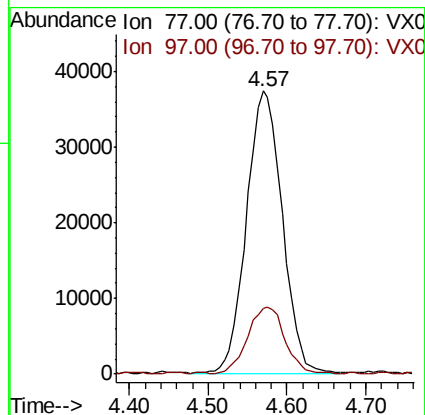
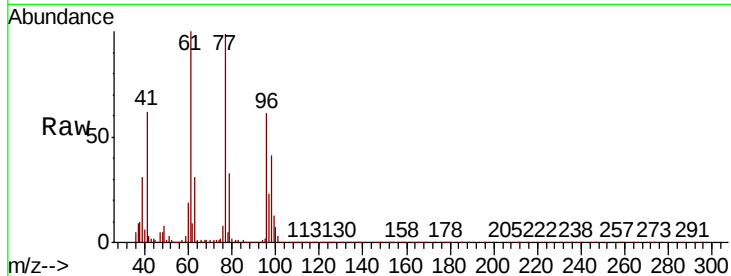
ClientSampleId :

Tot Ion: 77 Resp: 118748

Ion Ratio Lower Upper

77 100

97 24.5 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 18.655 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

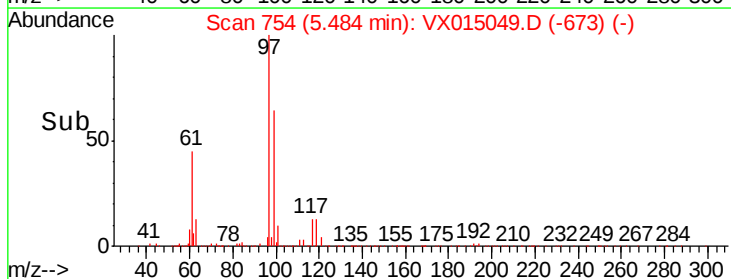
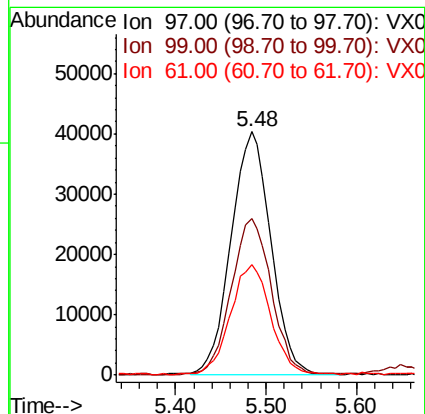
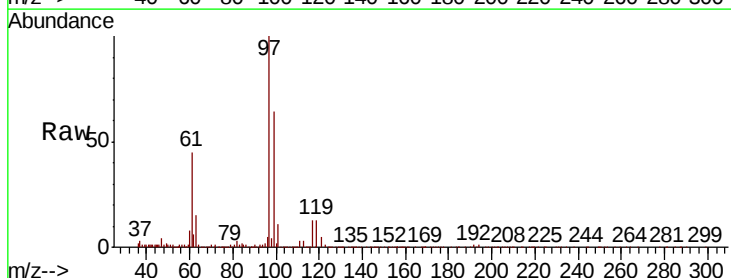
Tgt Ion: 97 Resp: 122813

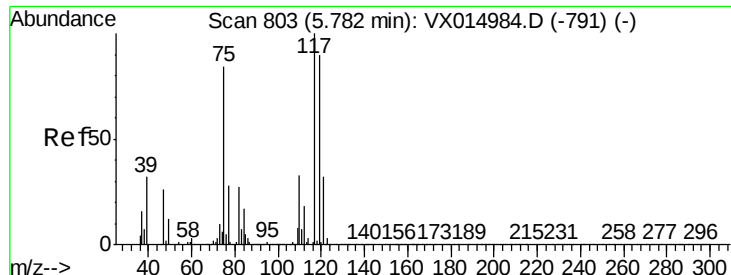
Ion Ratio Lower Upper

97 100

99 64.3 53.0 79.6

61 46.0 36.2 54.2

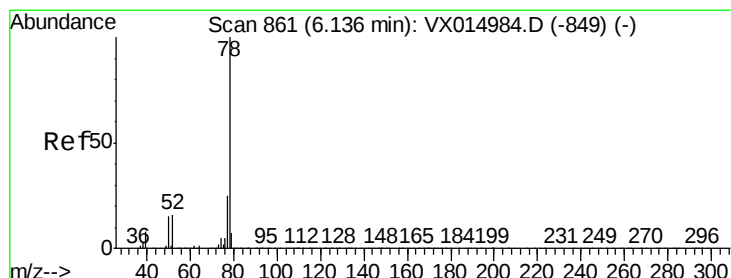
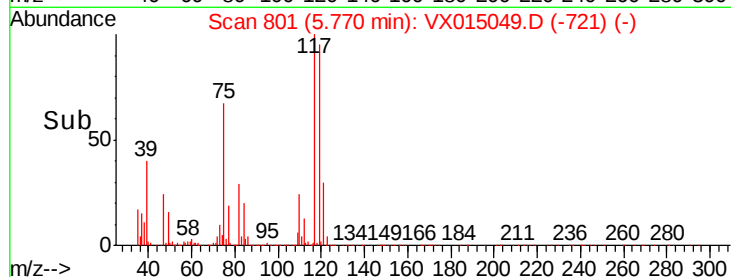
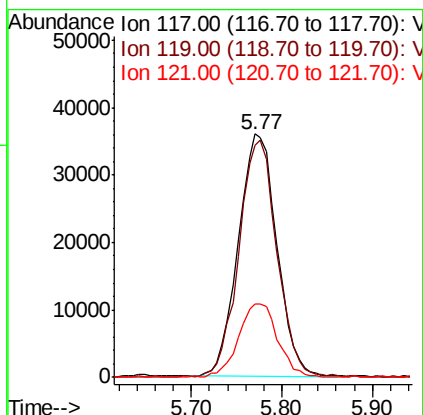
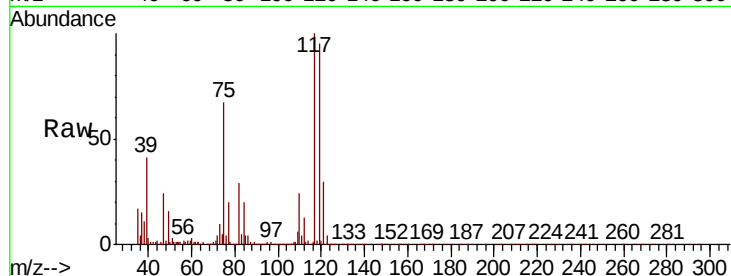




#33
Carbon Tetrachloride
Concen: 18.320 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

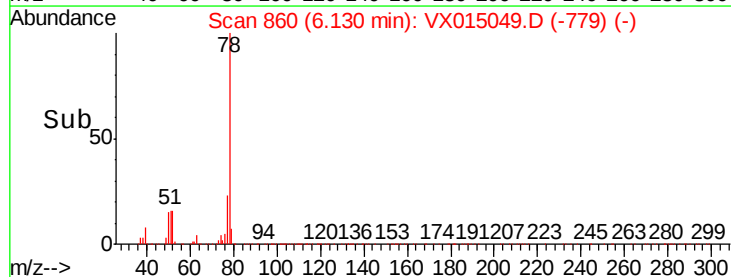
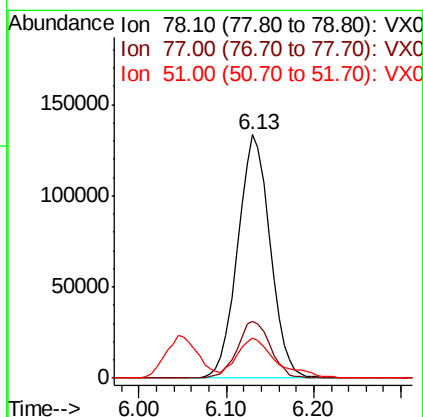
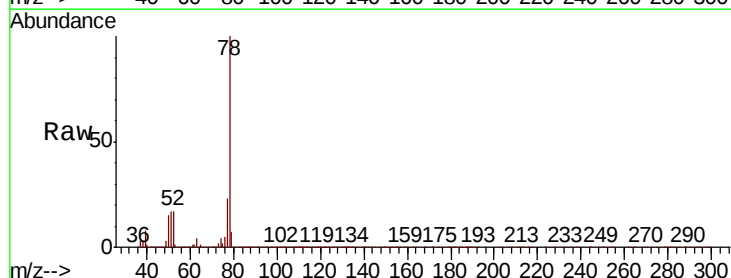
Instrument :
MSVOA_X
ClientSampleId :

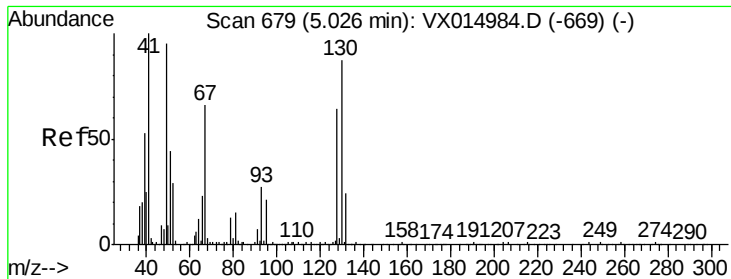
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.0	71.9	107.9
121	30.0	25.4	38.2



#34
Benzene
Concen: 19.602 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.0	30.0
51	16.3	13.3	19.9

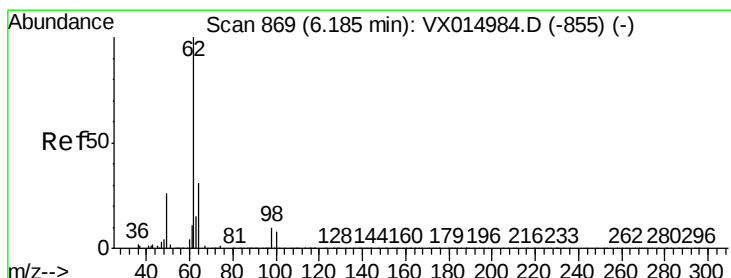
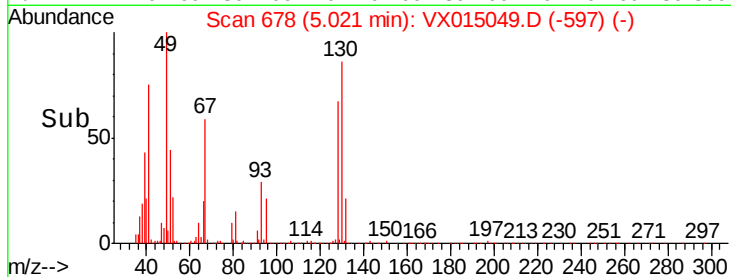
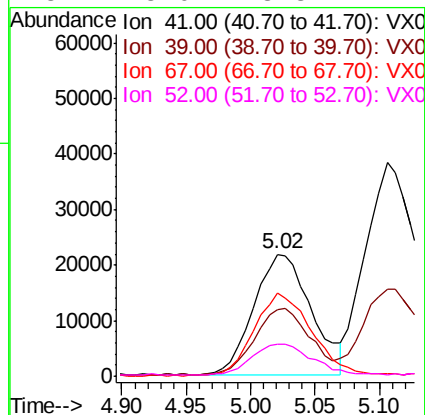
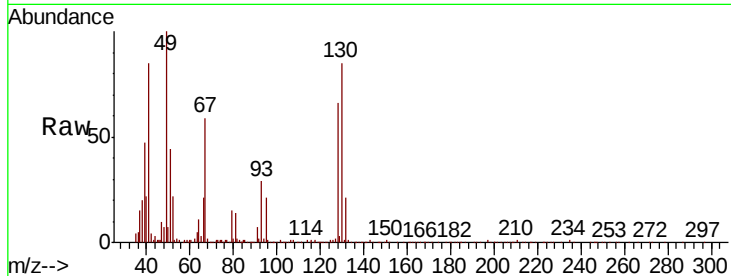




#35
Methacrylonitrile
Concen: 19.829 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

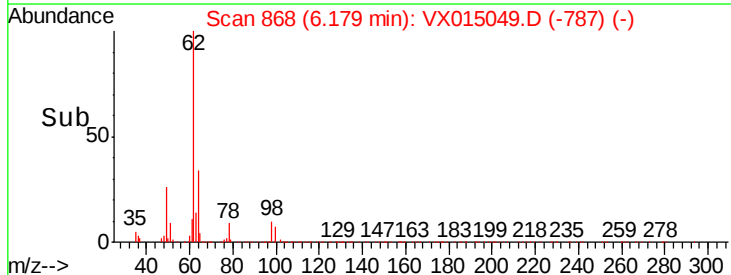
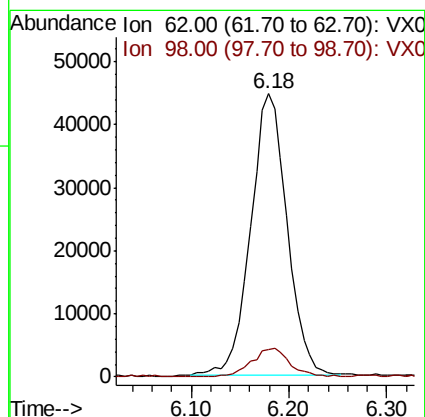
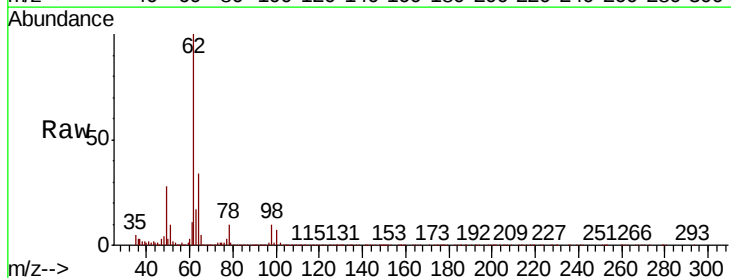
Instrument :
MSVOA_X
ClientSampleId :

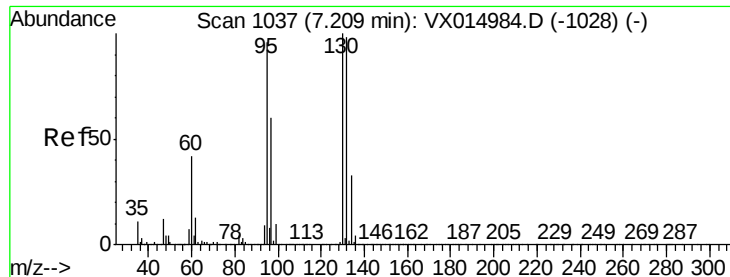
Tot Ion: 41 Resp: 67684
Ion Ratio Lower Upper
41 100
39 54.0 25.9 77.7
67 67.9 32.7 98.1
52 25.0 13.8 41.4



#36
1,2-Dichloroethane
Concen: 18.752 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 62 Resp: 116111
Ion Ratio Lower Upper
62 100
98 10.6 7.5 11.3

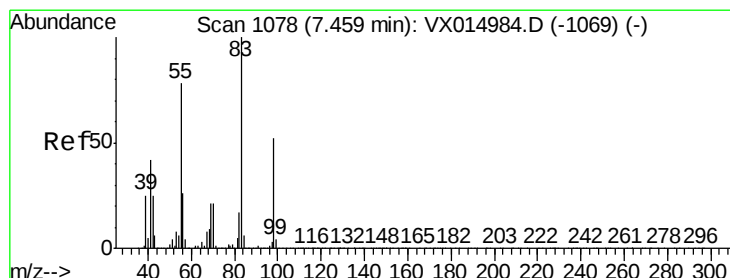
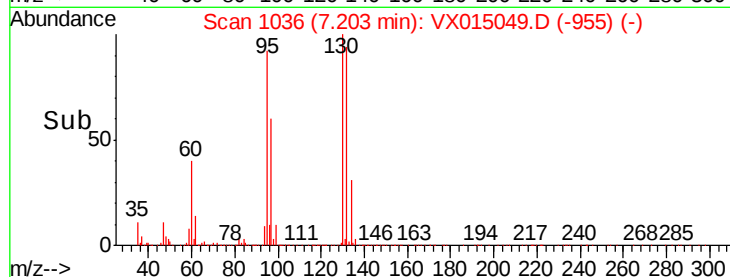
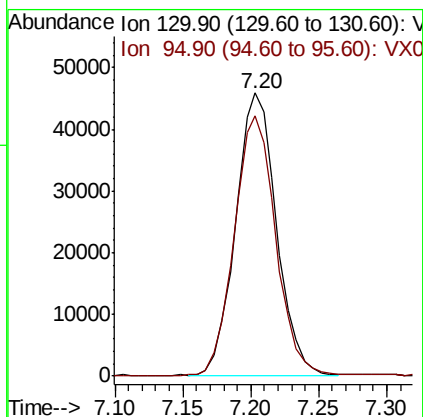
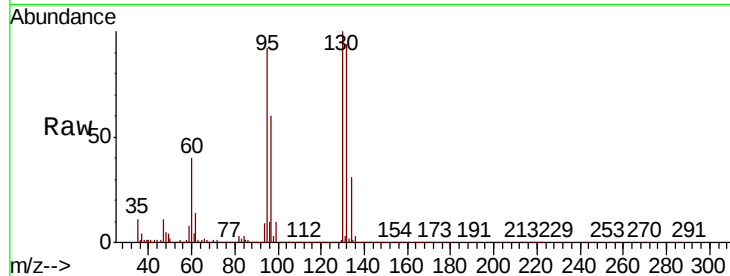




#37
 Trichloroethene
 Concen: 19.601 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

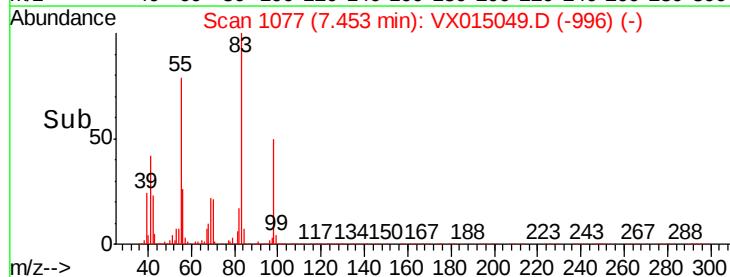
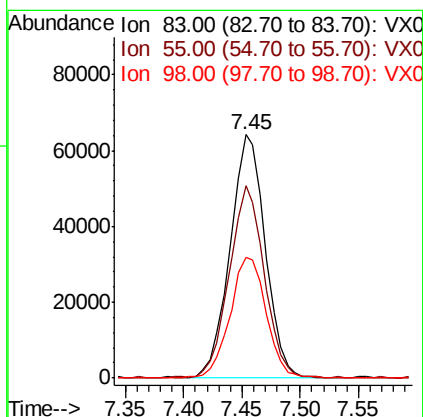
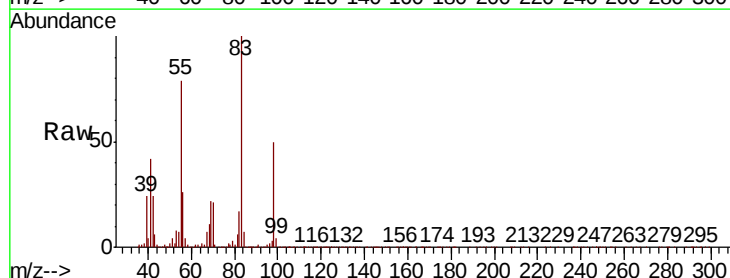
Instrument :
 MSVOA_X
 ClientSampled :

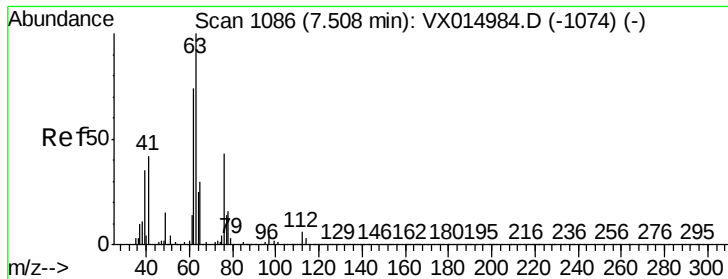
Tot Ion:130 Resp: 96269
 Ion Ratio Lower Upper
 130 100
 95 91.7 77.1 115.7



#38
 Methylcyclohexane
 Concen: 18.699 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 83 Resp: 134369
 Ion Ratio Lower Upper
 83 100
 55 78.6 38.2 114.6
 98 51.0 25.3 75.8

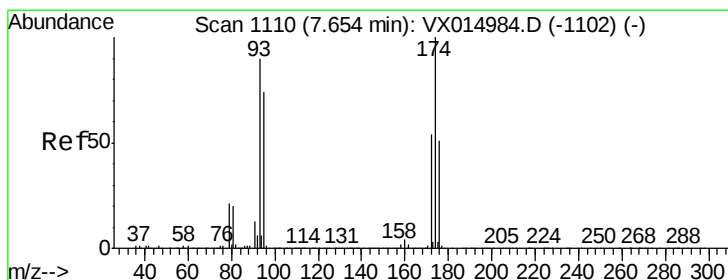
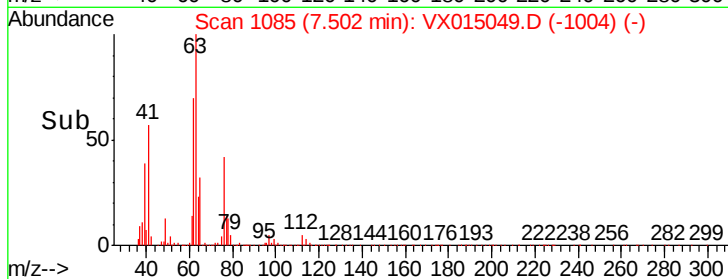
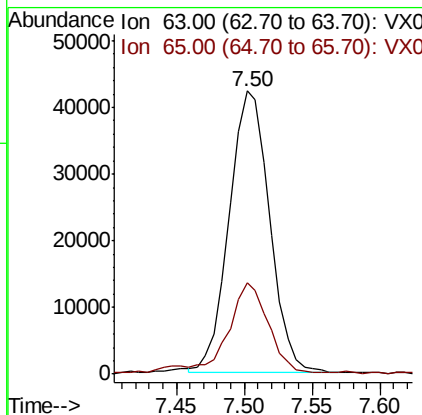
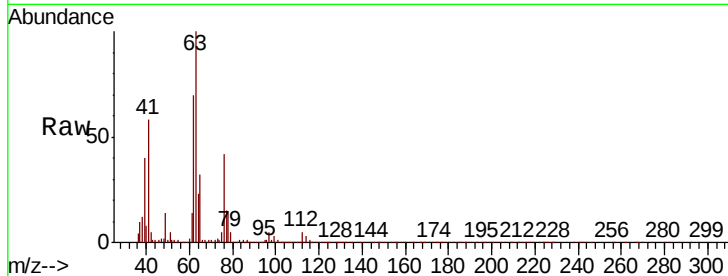




#39
 1,2-Dichloropropane
 Concen: 19.324 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

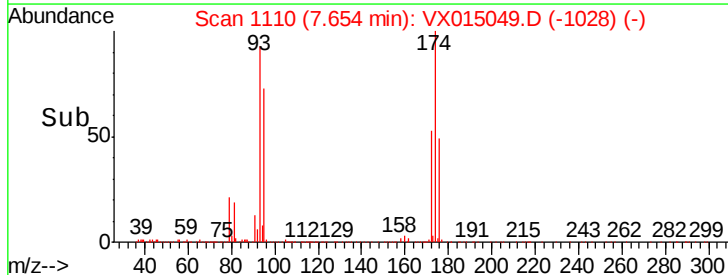
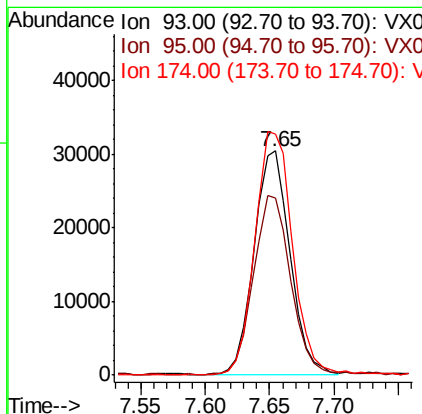
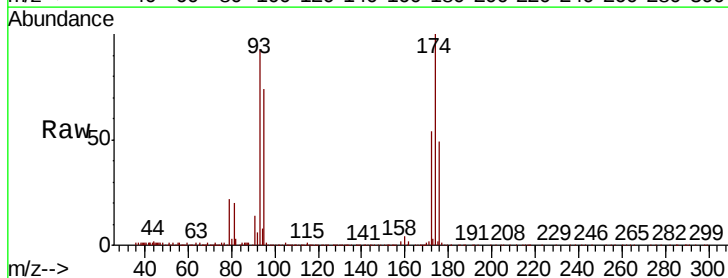
Instrument :
 MSVOA_X
 ClientSampleId :

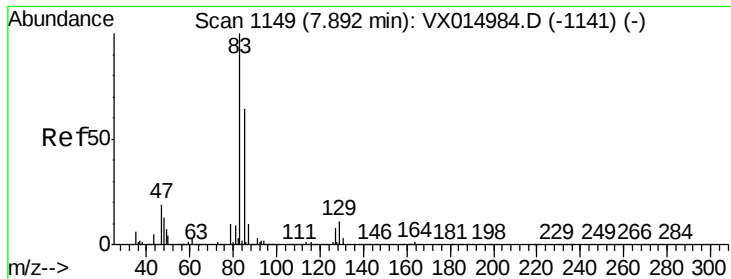
Tot Ion: 63 Resp: 87012
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 36.8



#40
 Dibromomethane
 Concen: 19.688 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 93 Resp: 59195
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 164.6
 174 113.1 0.0 226.4





#41

Bromodichloromethane

Concen: 19.056 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

ClientSampleId :

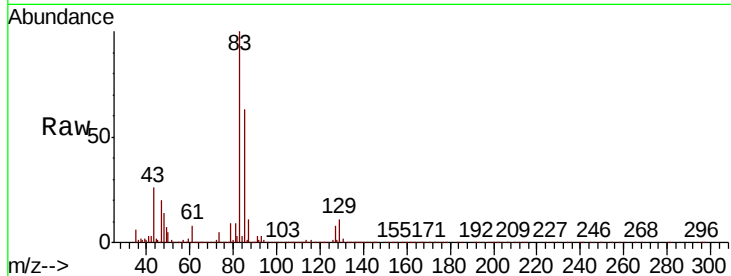
Tot Ion: 83 Resp: 113178

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.4

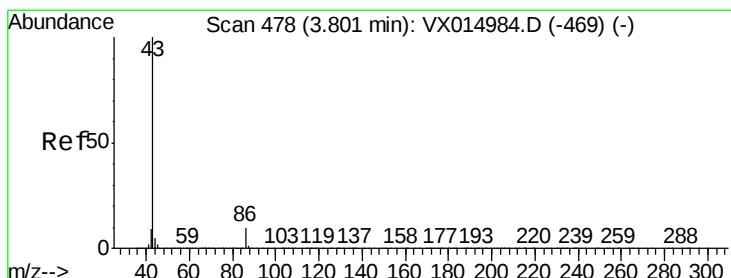
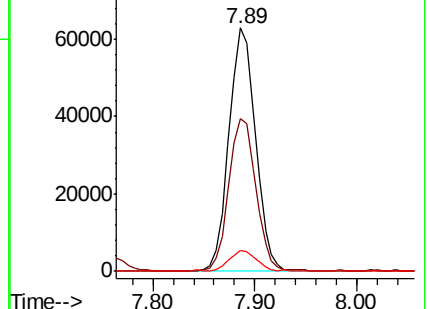
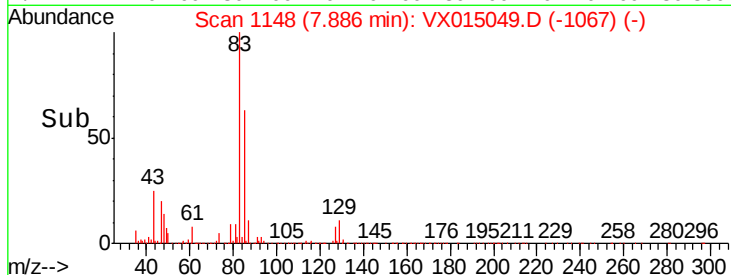
127 8.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 98.173 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015049.D

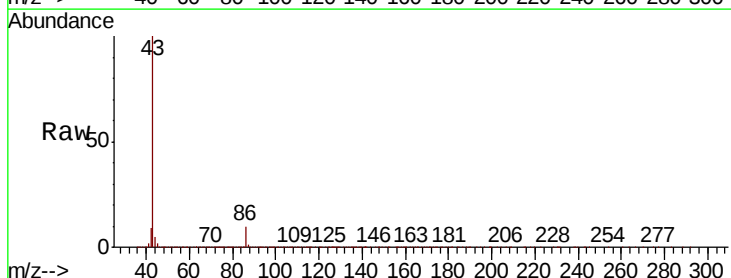
Acq: 28 Feb 2020 08:41

Tgt Ion: 43 Resp: 1156271

Ion Ratio Lower Upper

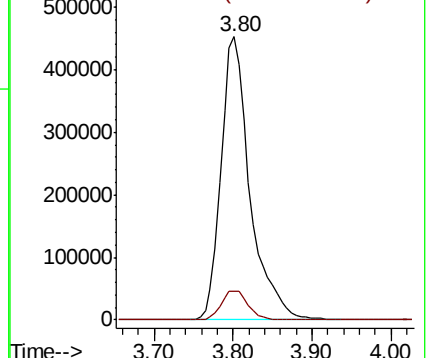
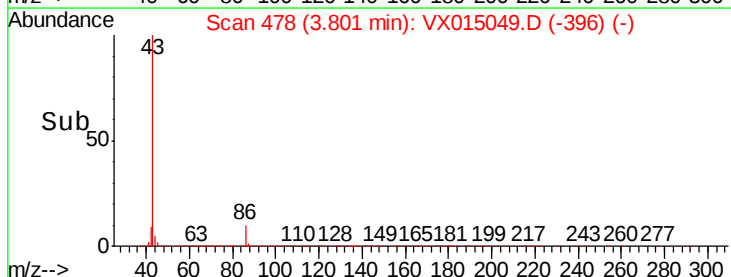
43 100

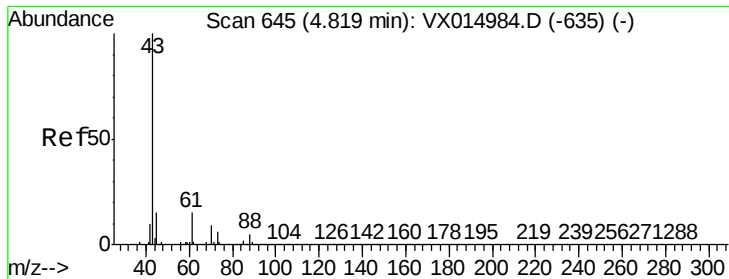
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

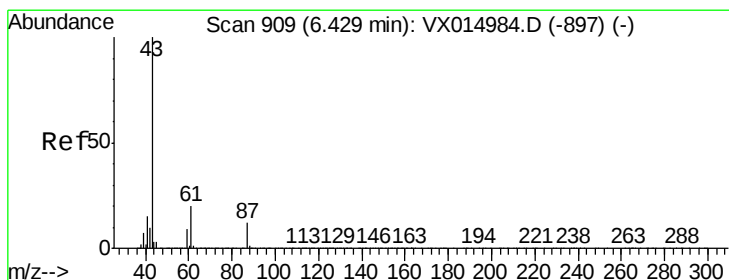
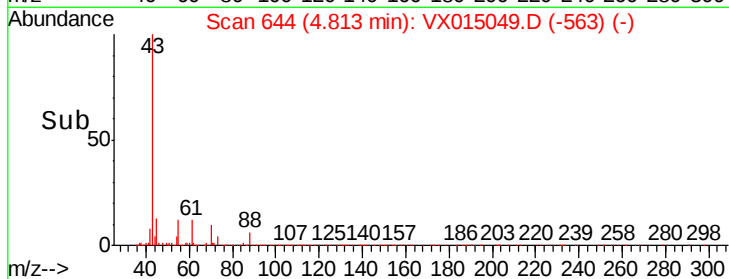
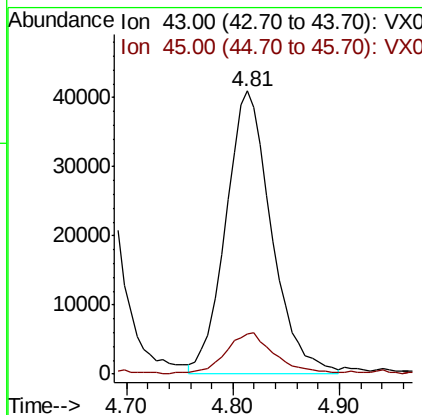
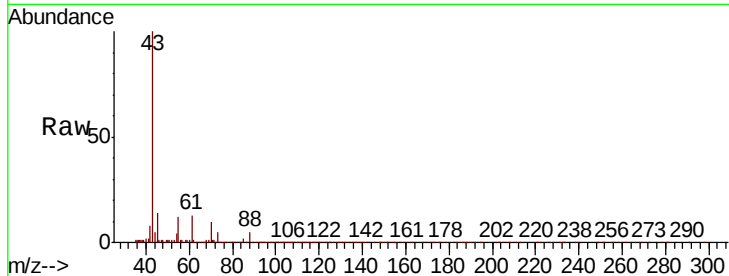




#43
Ethyl Acetate
Concen: 20.159 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

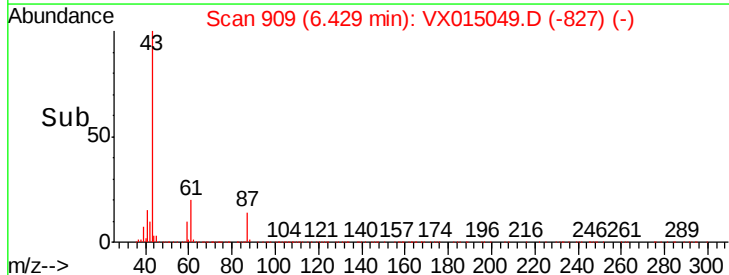
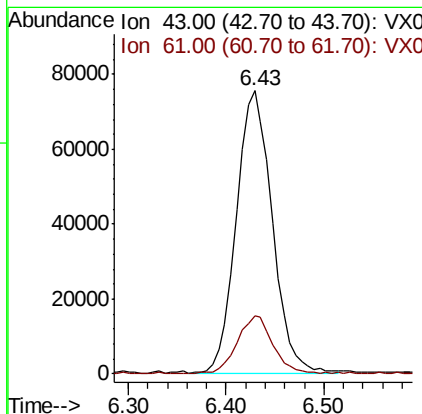
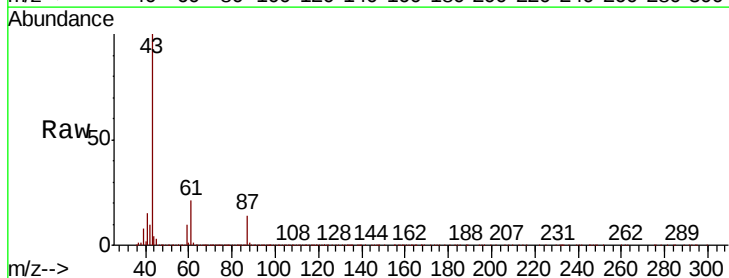
Instrument :
MSVOA_X
ClientSampleId :

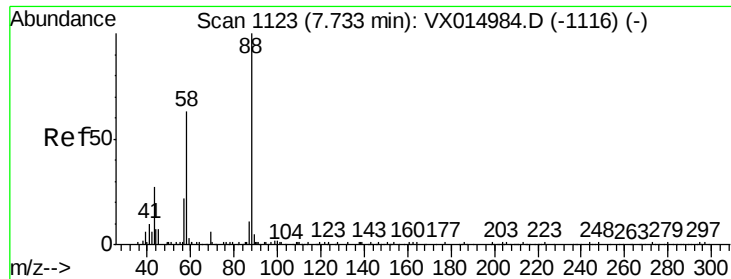
Tot Ion: 43 Resp: 122053
Ion Ratio Lower Upper
43 100
45 15.2 10.8 16.2



#44
Isopropyl Acetate
Concen: 18.833 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 43 Resp: 191687
Ion Ratio Lower Upper
43 100
61 19.6 15.6 23.4





#45

1,4-Dioxane

Concen: 412.121 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

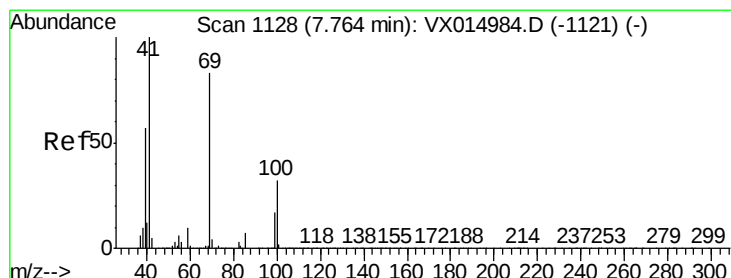
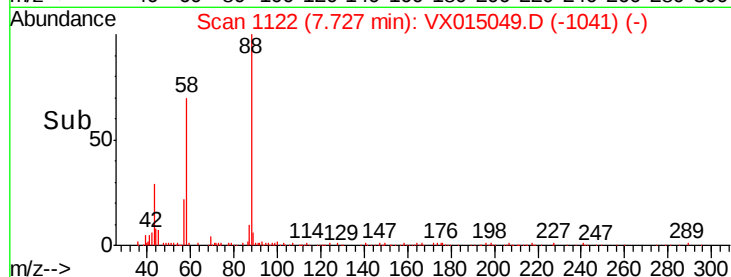
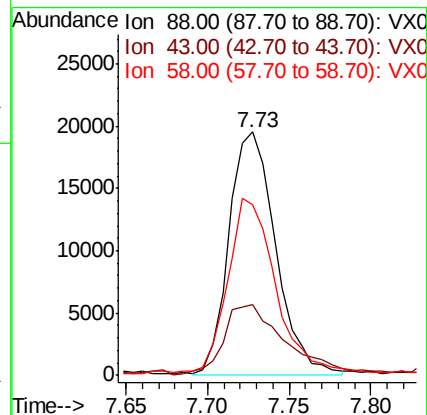
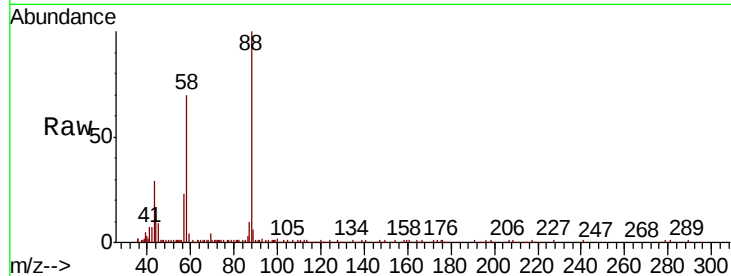
Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 38759

Ion	Ratio	Lower	Upper
88	100		
43	38.6	25.4	38.2#
58	74.8	55.8	83.8



#46

Methyl methacrylate

Concen: 18.767 ug/l

RT: 7.76 min Scan# 1127

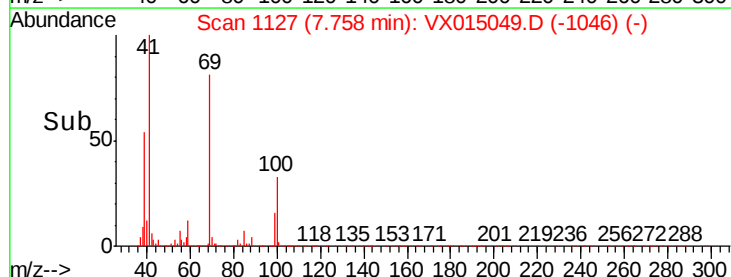
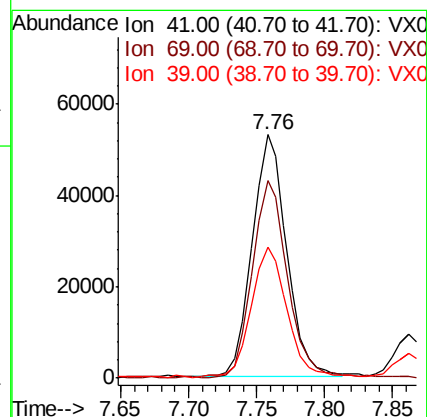
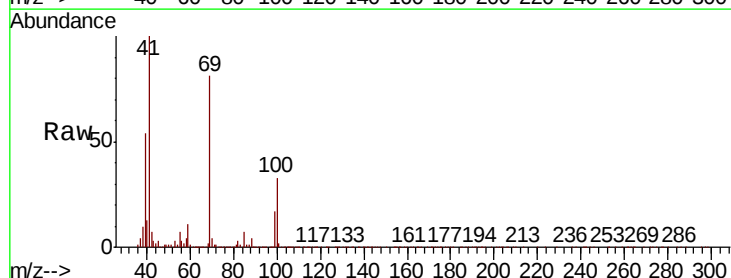
Delta R.T. -0.01 min

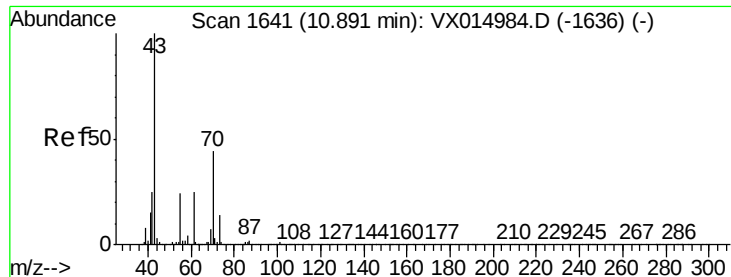
Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Tgt Ion: 41 Resp: 94498

Ion	Ratio	Lower	Upper
41	100		
69	81.0	41.4	124.2
39	53.8	28.3	84.9

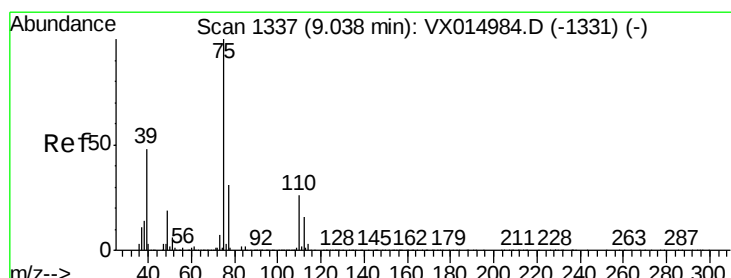
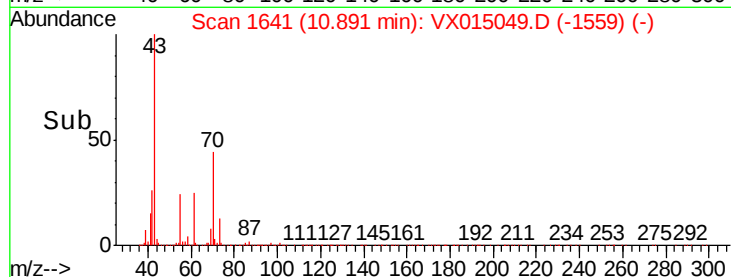
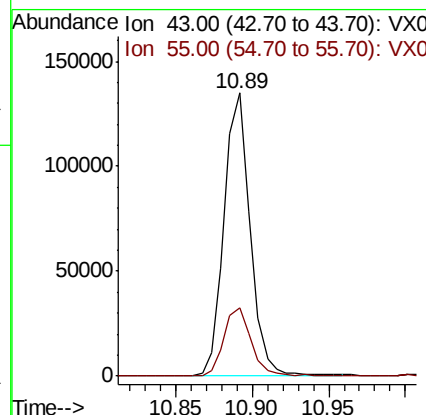
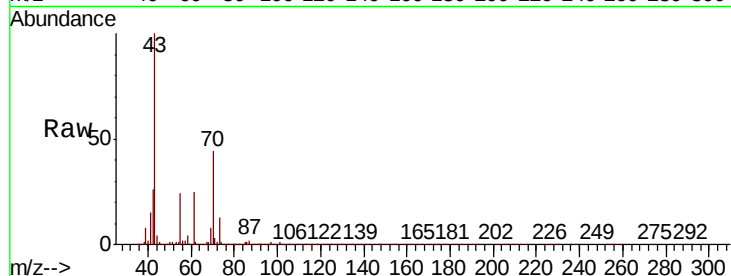




#47
n-amvl Acetate
Concen: 17.967 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

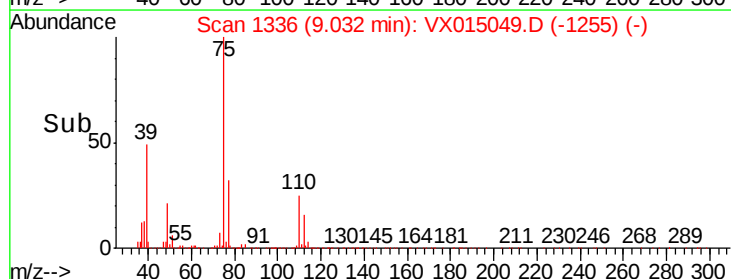
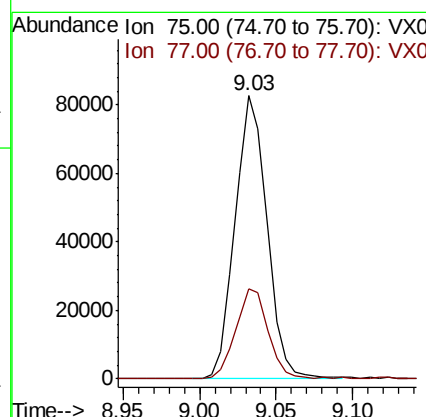
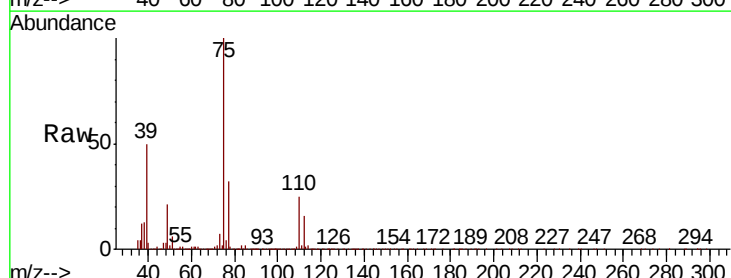
Instrument :
MSVOA_X
ClientSampled :

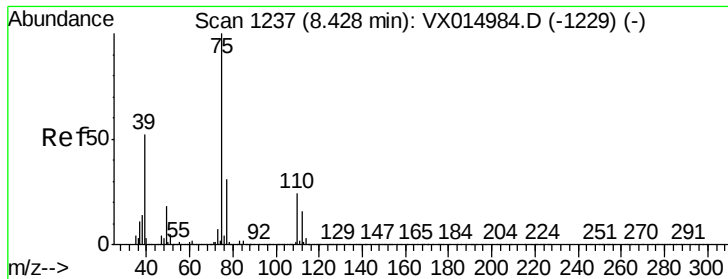
Tot Ion: 43 Resp: 158422
Ion Ratio Lower Upper
43 100
55 24.8 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 18.101 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 75 Resp: 119279
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



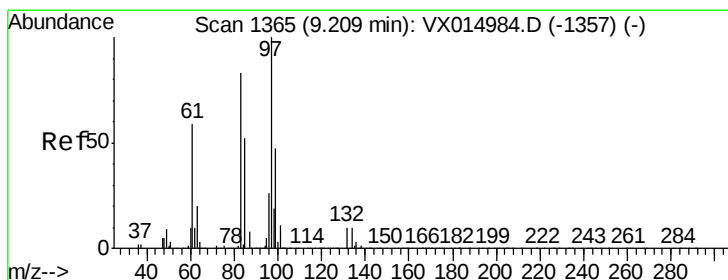
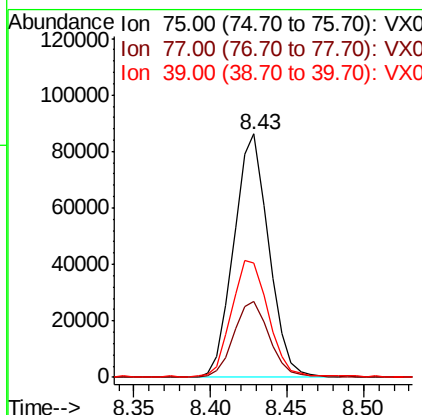
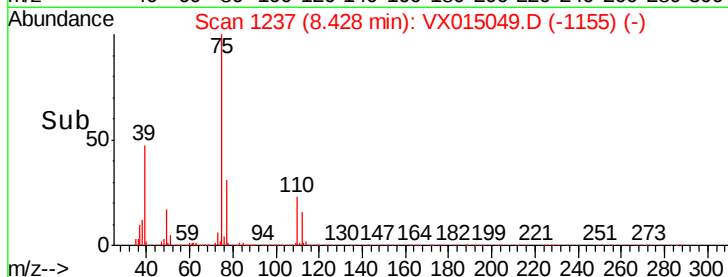
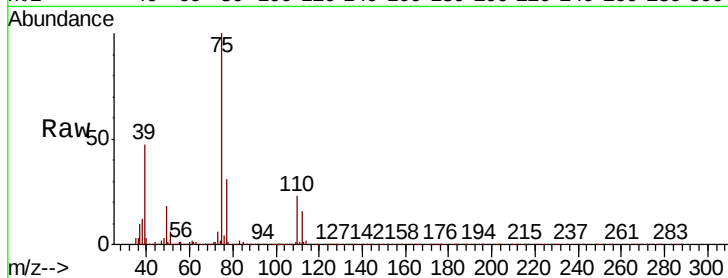


#49

cis-1,3-Dichloropropene
 Concen: 18.865 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Instrument :
 MSVOA_X
 ClientSampleId :

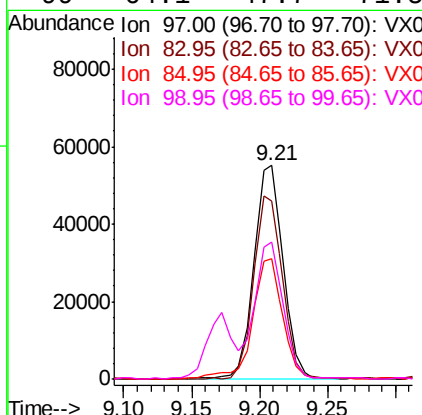
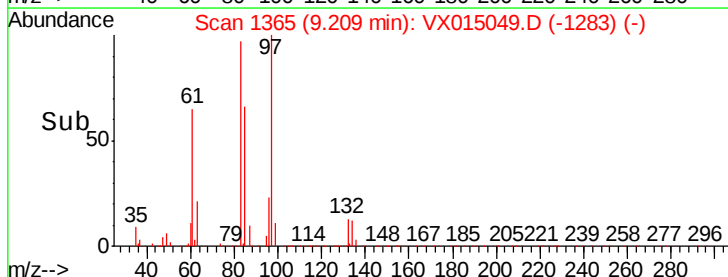
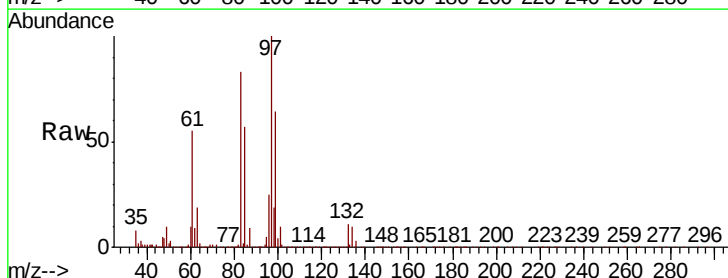
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	36.8
39	46.8	41.5	62.3

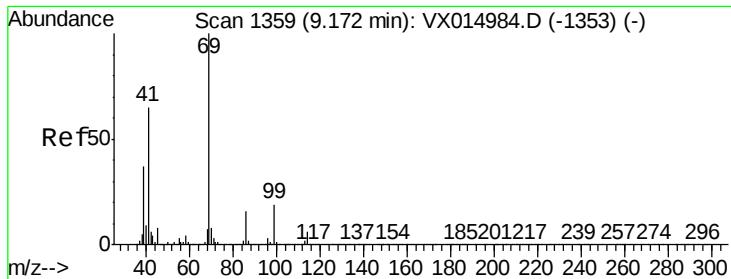


#50

1,1,2-Trichloroethane
 Concen: 18.583 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.2	99.2
85	56.3	42.4	63.6
99	64.1	47.7	71.5





#51

Ethyl methacrylate

Concen: 17.530 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

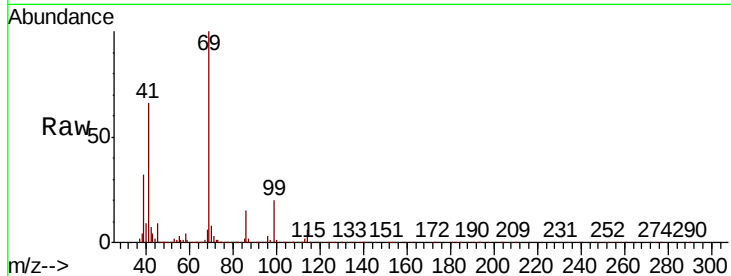
Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 121200

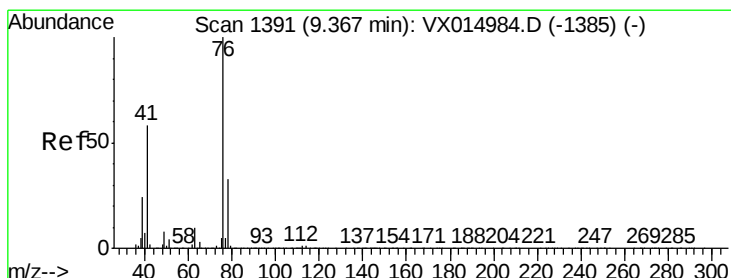
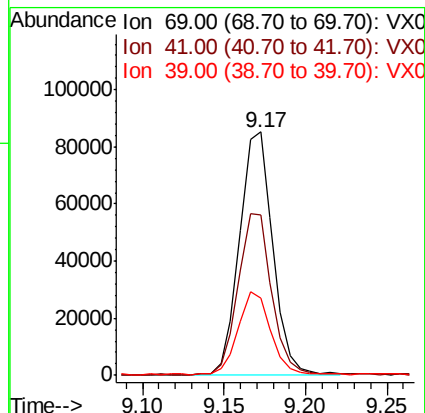
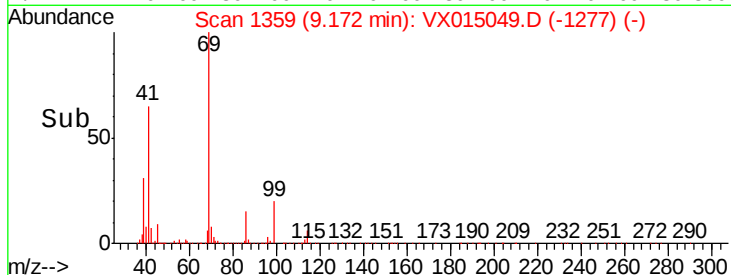
Ion	Ratio	Lower	Upper
69	100		
41	65.7	32.7	98.1
39	31.6	18.2	54.6



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



#52

1,3-Dichloropropane

Concen: 18.943 ug/l

RT: 9.36 min Scan# 1390

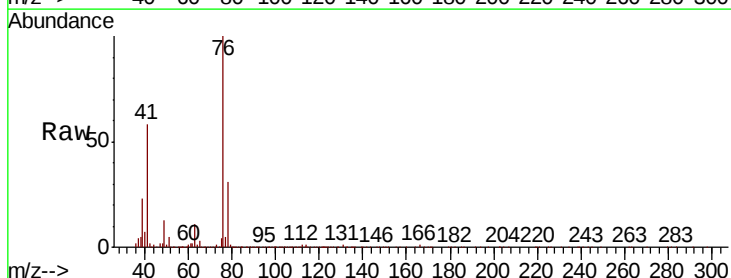
Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

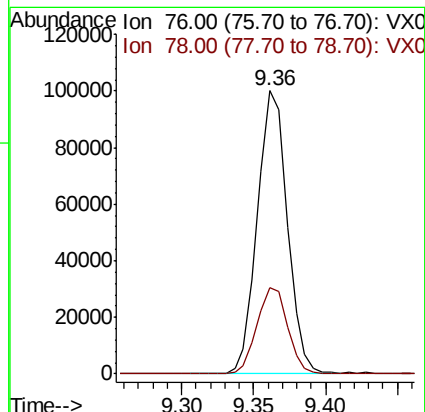
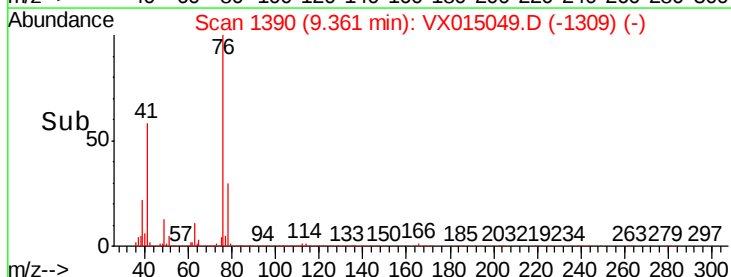
Tgt Ion: 76 Resp: 143547

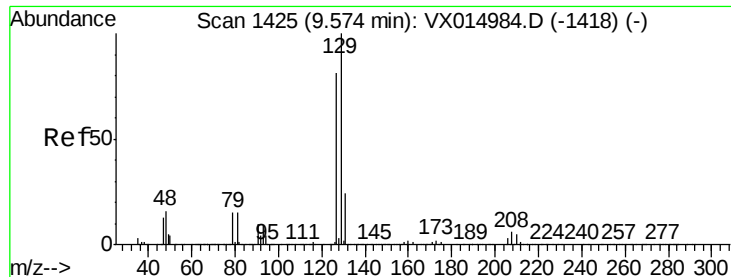
Ion	Ratio	Lower	Upper
76	100		
78	30.8	0.0	65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.639 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

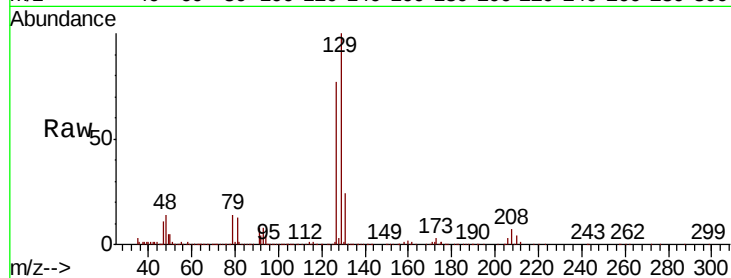
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 85426

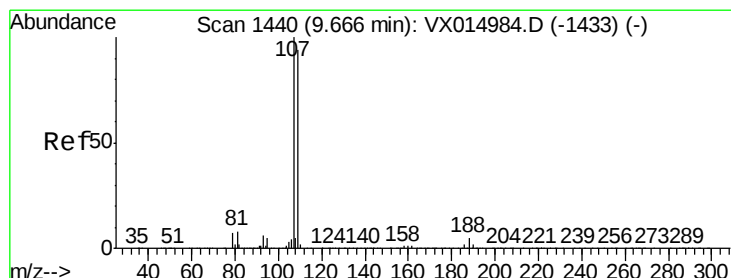
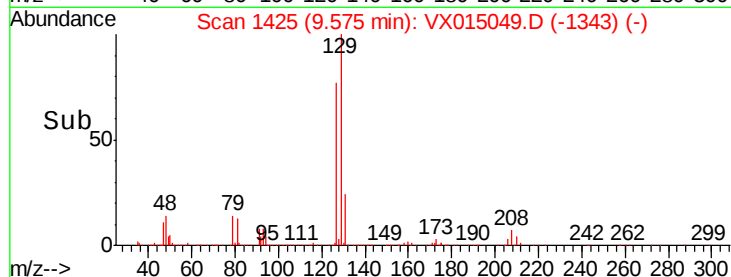
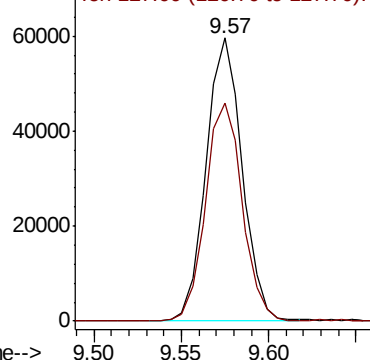
Ion Ratio Lower Upper

129 100

127 78.5 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.560 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015049.D

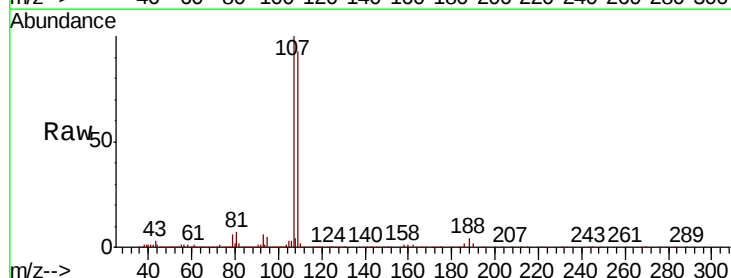
Acq: 28 Feb 2020 08:41

Tgt Ion:107 Resp: 88271

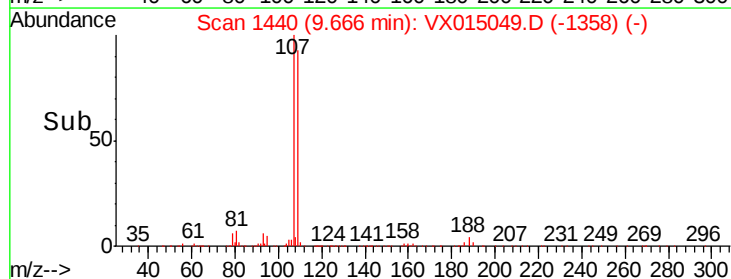
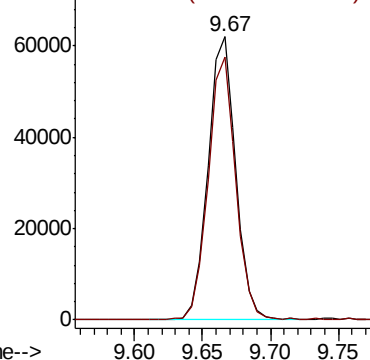
Ion Ratio Lower Upper

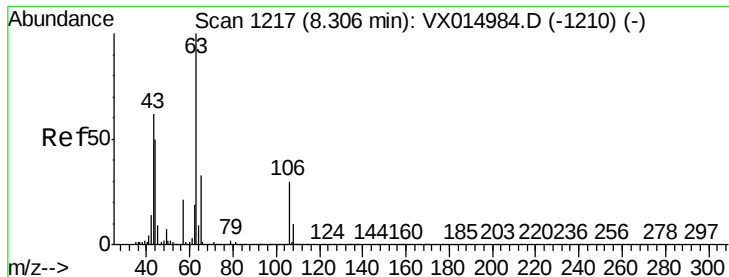
107 100

109 92.0 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

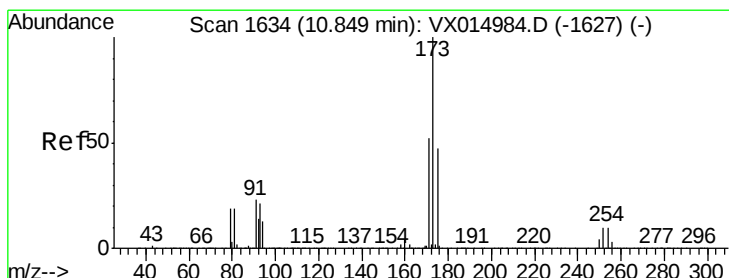
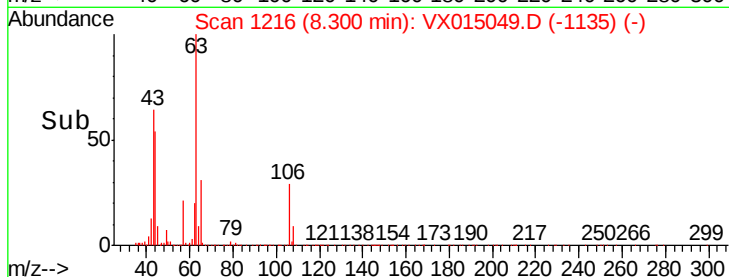
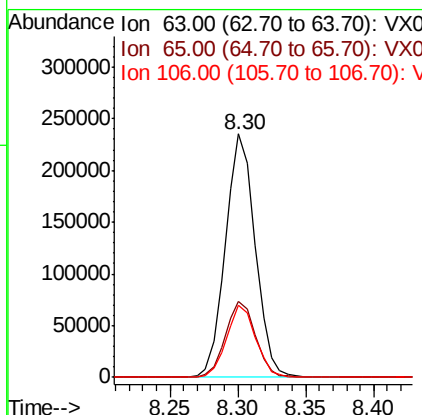
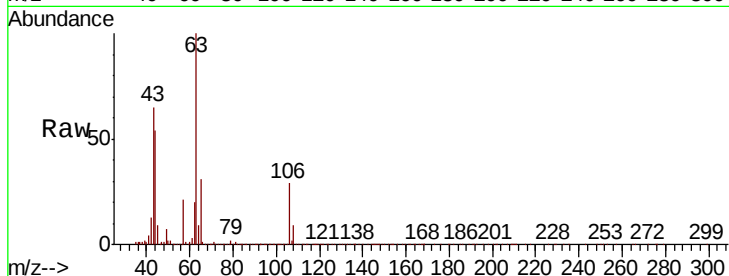




#55
 2-Chloroethyl vinyl ether
 Concen: 96.853 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

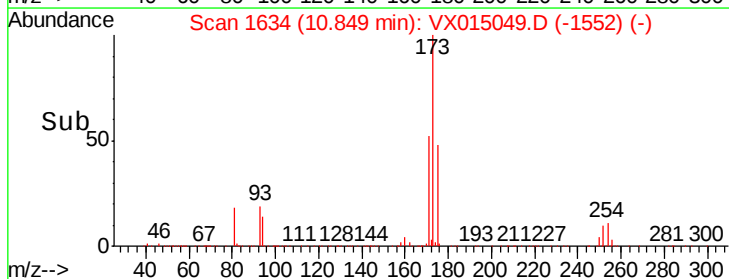
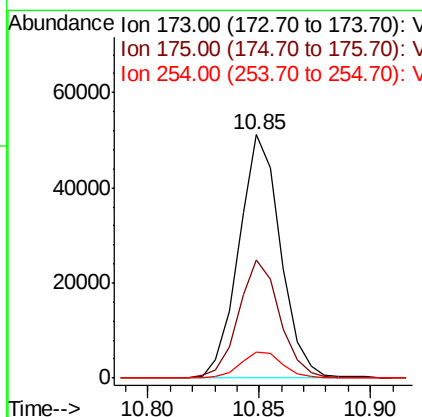
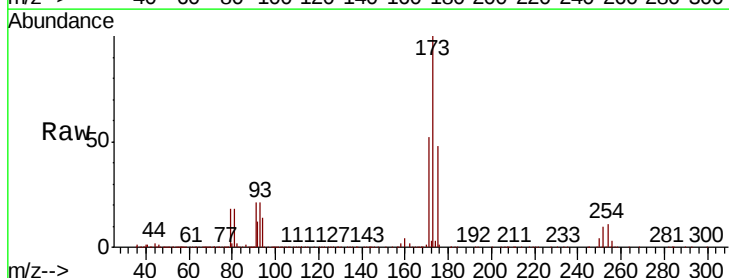
Instrument :
 MSVOA_X
 ClientSampleId :

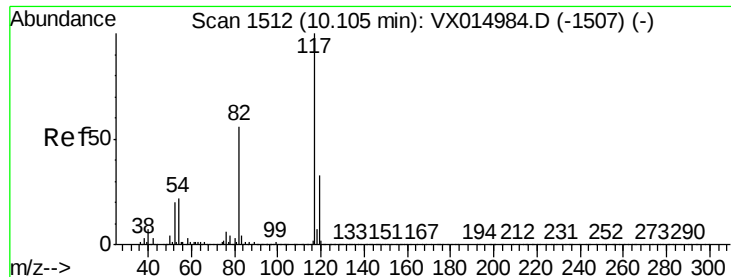
Tot Ion: 63 Resp: 356694
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.0 39.0
 106 29.0 23.9 35.9



#56
 Bromoform
 Concen: 17.416 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 173 Resp: 66119
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.6 57.8
 254 11.1 8.6 13.0

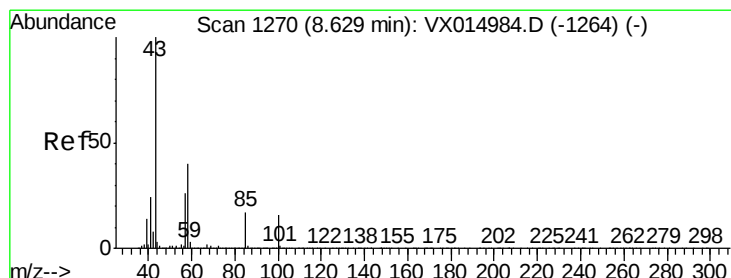
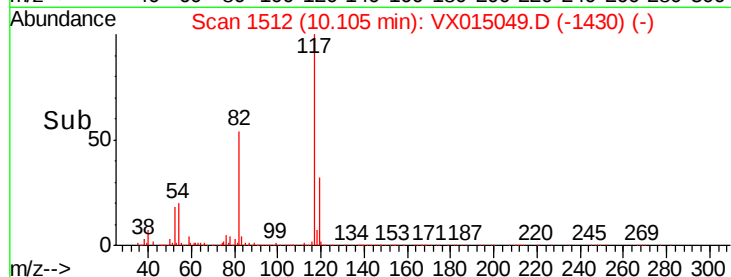
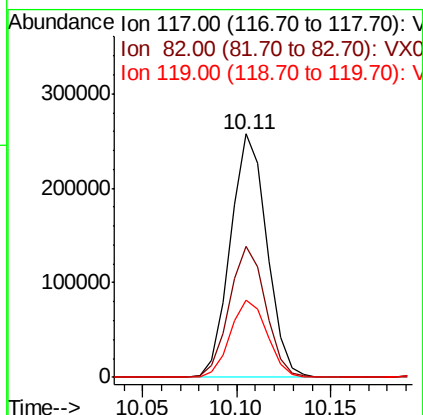
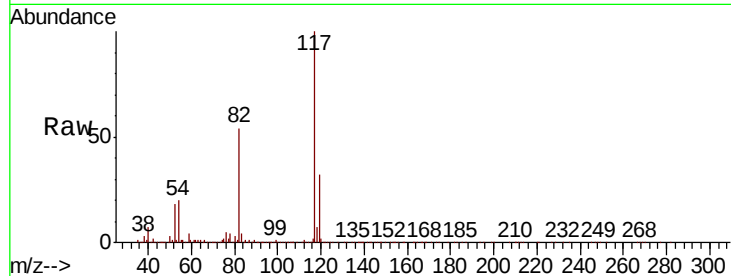




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

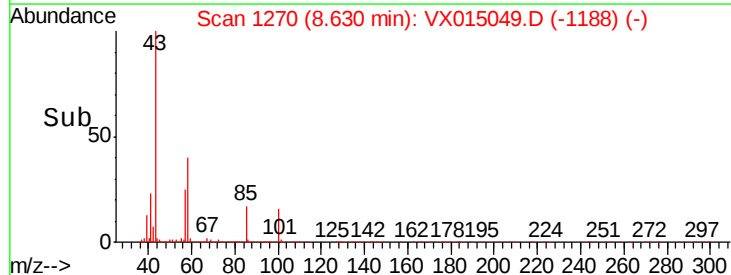
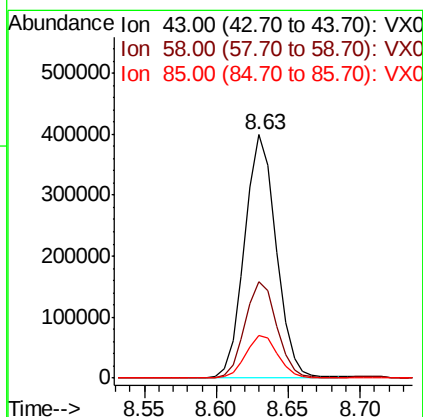
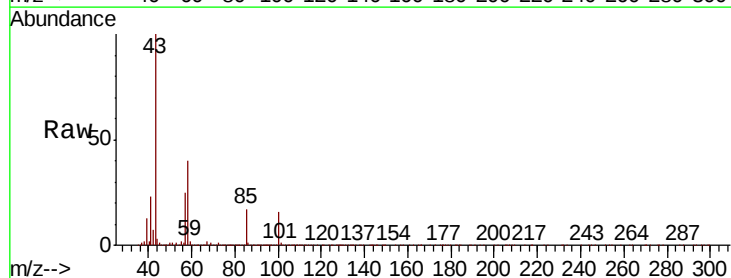
Instrument :
MSVOA_X
ClientSampleId :

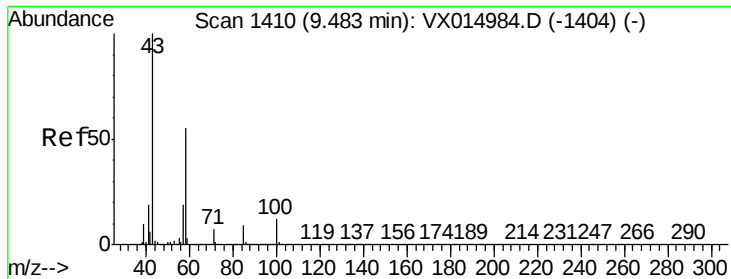
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.2
119	31.9	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 106.752 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.7	47.5
85	17.7	14.4	21.6

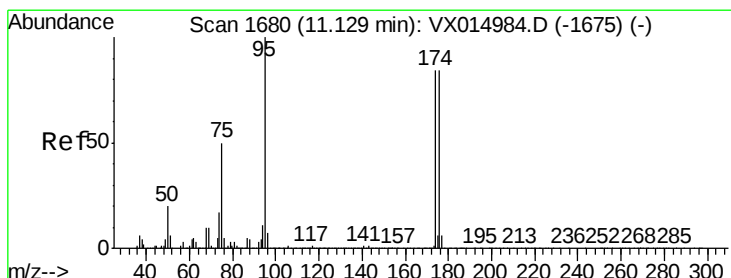
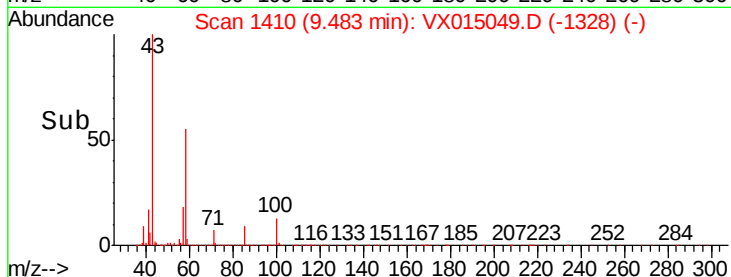
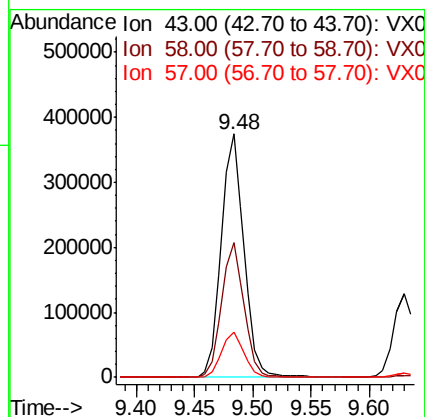
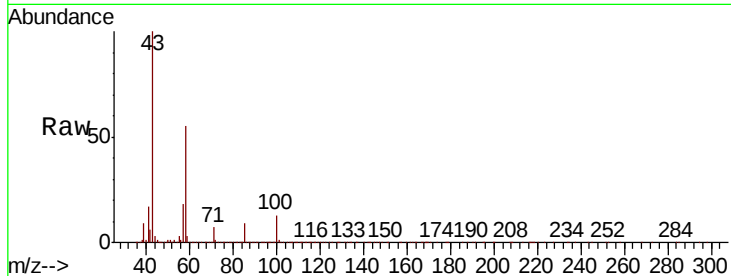




#59
2-Hexanone
Concen: 112.137 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

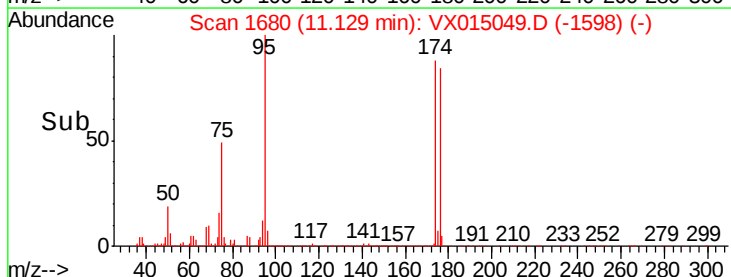
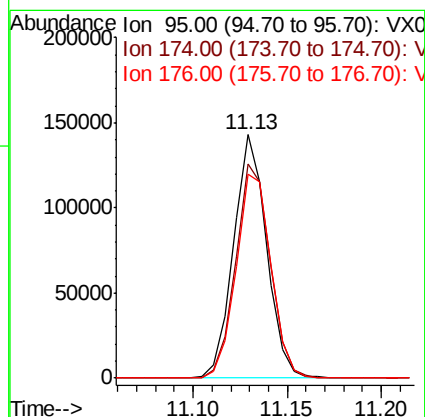
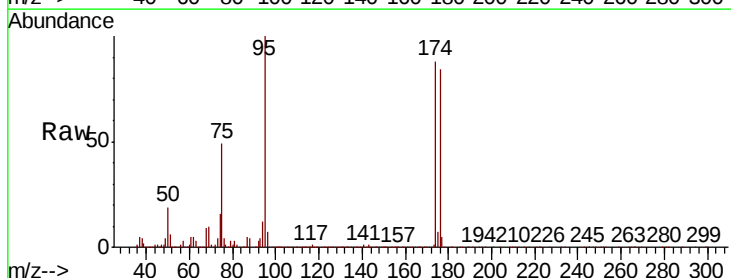
Instrument :
MSVOA_X
ClientSampled :

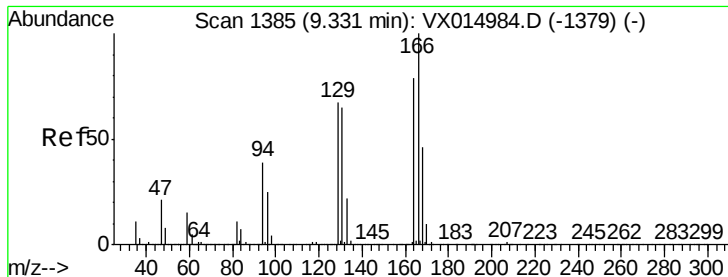
Tot Ion: 43 Resp: 497844
Ion Ratio Lower Upper
43 100
58 55.0 44.1 66.1
57 18.4 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.999 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 95 Resp: 172795
Ion Ratio Lower Upper
95 100
174 92.3 72.3 108.5
176 89.5 72.0 108.0





#61

Tetrachloroethene

Concen: 20.400 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 94999

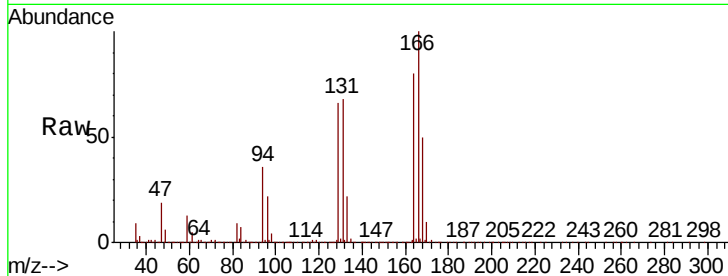
Ion Ratio Lower Upper

164 100

166 125.3 101.2 151.8

129 82.6 67.6 101.4

131 84.7 66.0 99.0

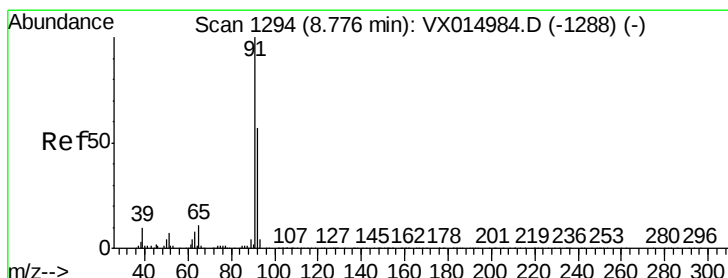
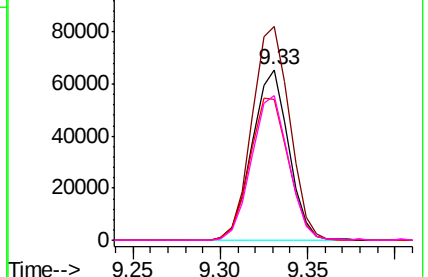
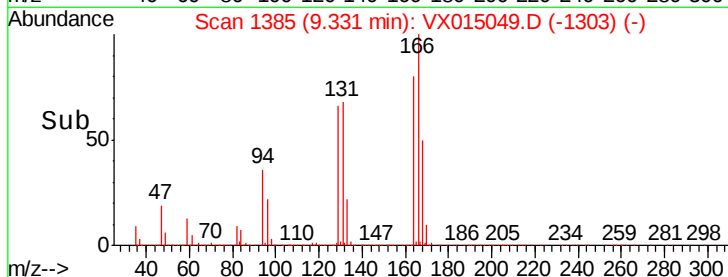


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.710 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015049.D

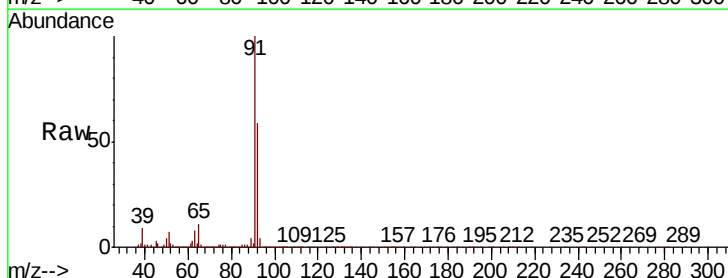
Acq: 28 Feb 2020 08:41

Tgt Ion: 91 Resp: 367778

Ion Ratio Lower Upper

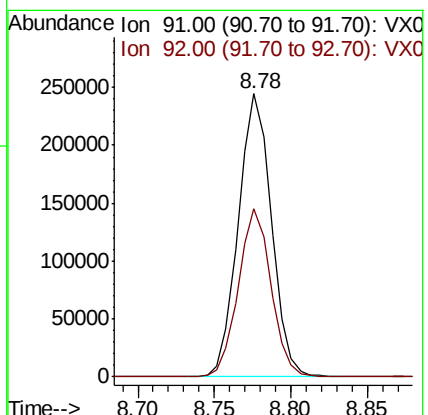
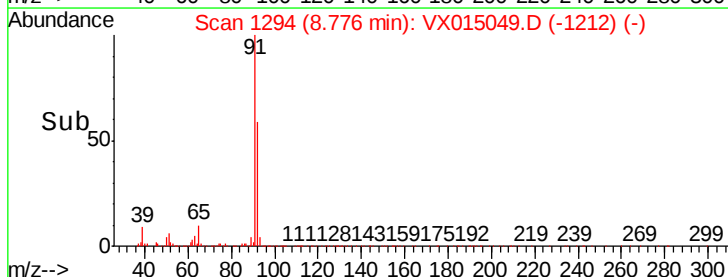
91 100

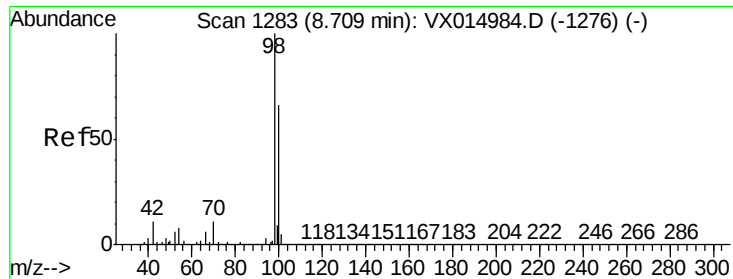
92 58.7 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 32.634 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

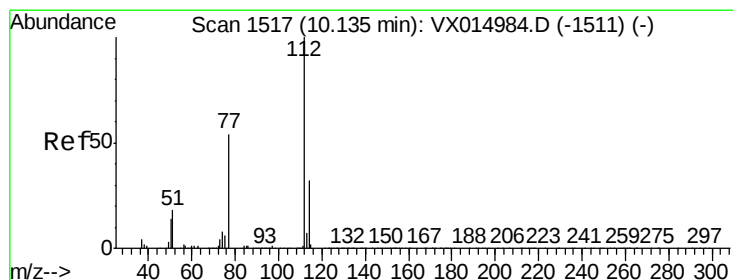
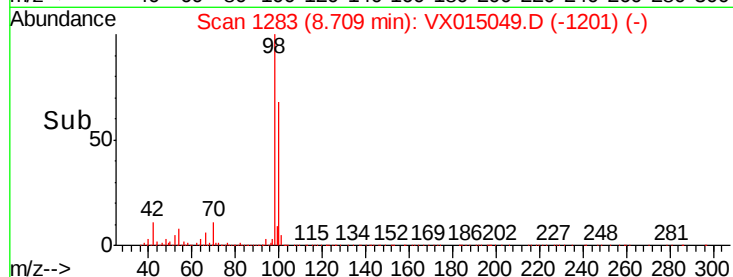
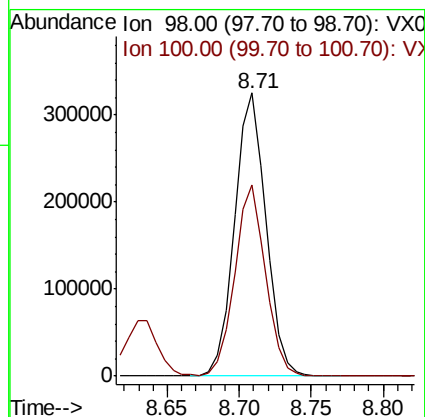
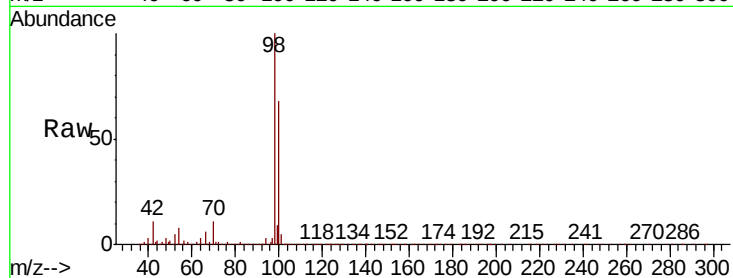
ClientSampleId :

Tot Ion: 98 Resp: 493406

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



#64

Chlorobenzene

Concen: 18.965 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015049.D

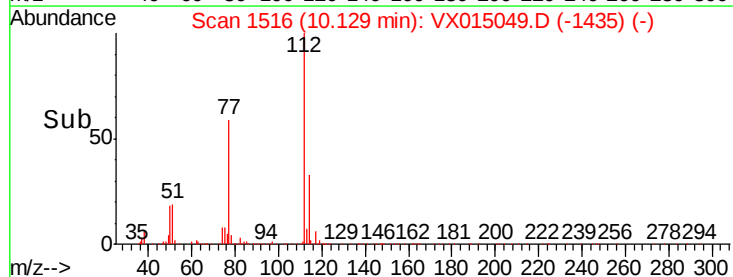
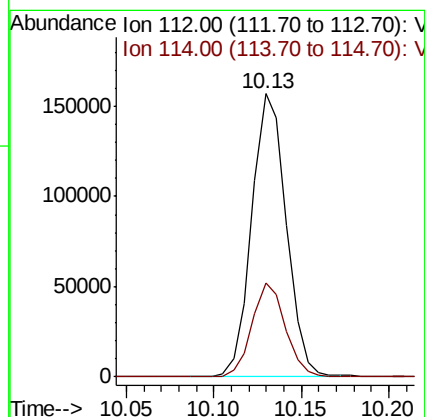
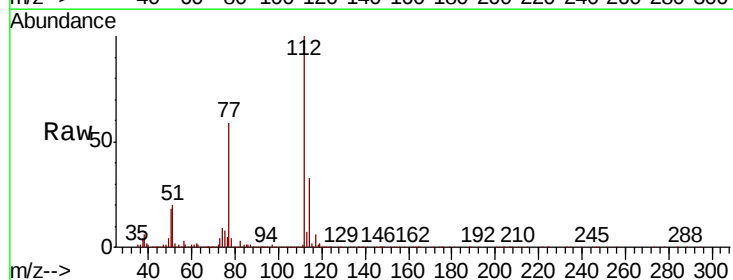
Acq: 28 Feb 2020 08:41

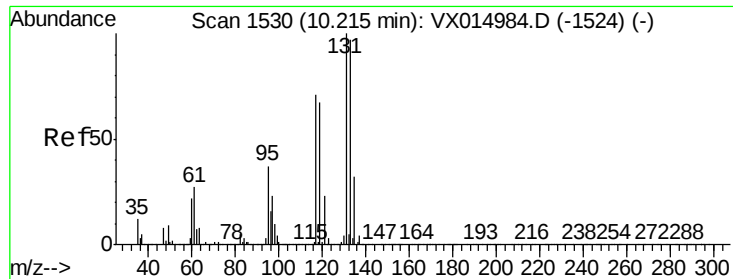
Tgt Ion: 112 Resp: 214972

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.6

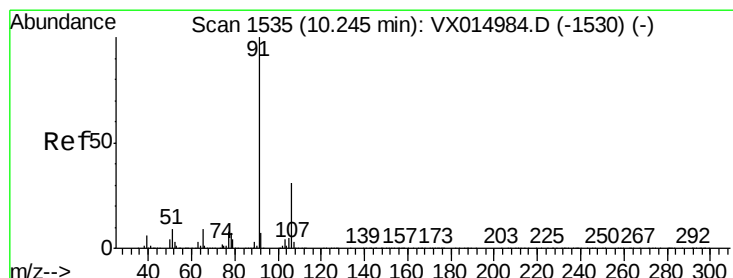
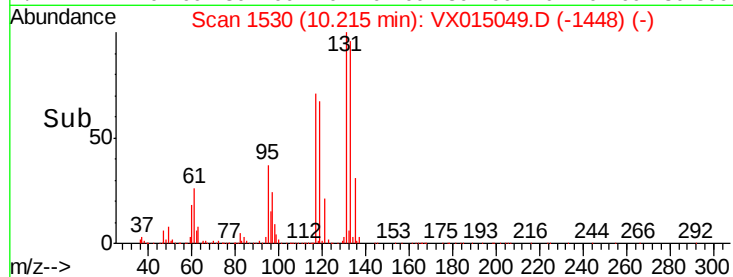
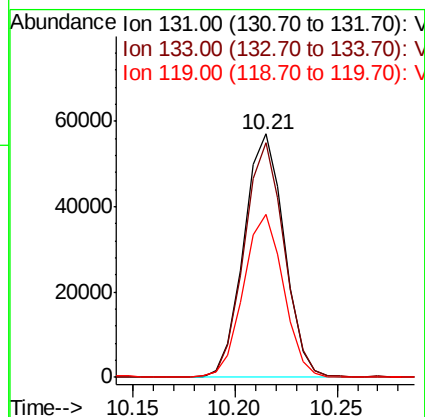
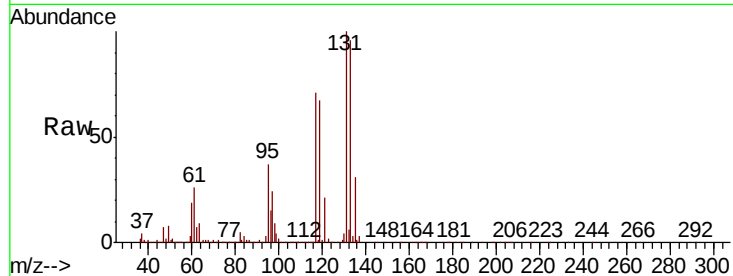




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.778 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

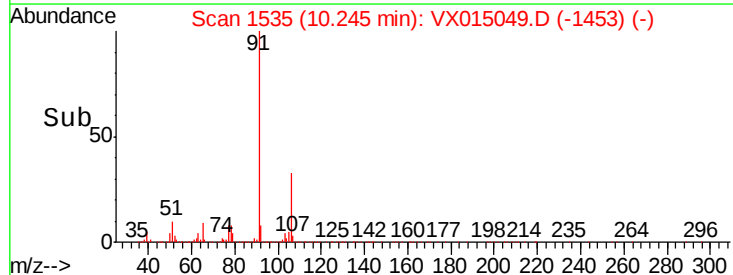
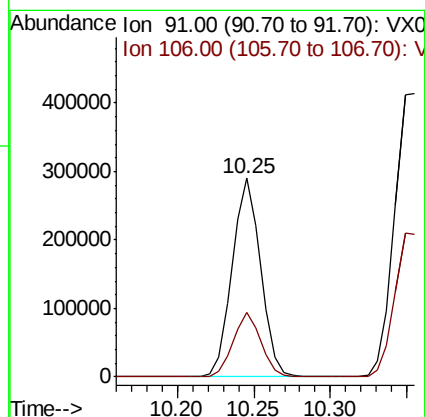
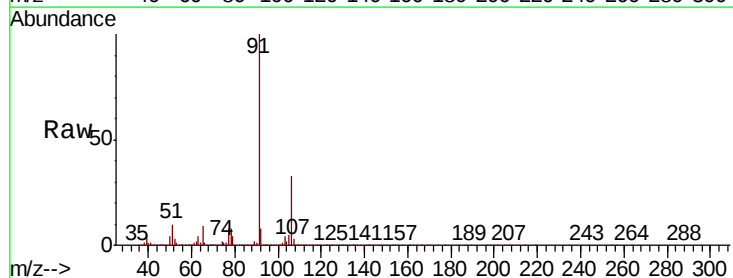
Instrument :
 MSVOA_X
 ClientSampleId :

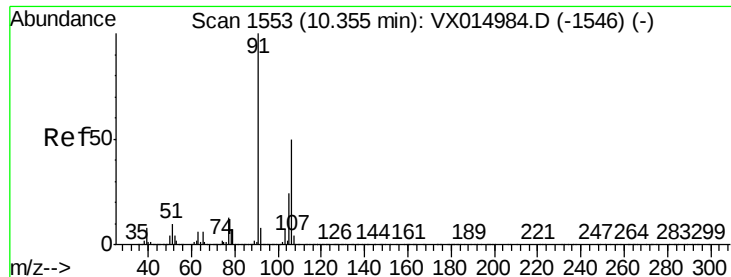
Tot Ion:131 Resp: 78840
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.4
 119 66.4 0.0 132.0



#66
 Ethyl Benzene
 Concen: 19.069 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 91 Resp: 373029
 Ion Ratio Lower Upper
 91 100
 106 32.5 24.7 37.1





#67

m/p-Xvlenes

Concen: 38.671 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

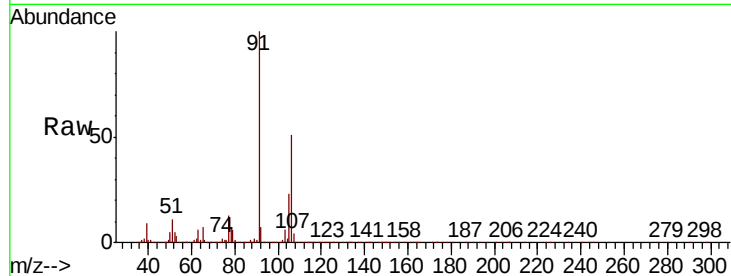
ClientSampleId :

Tot Ion:106 Resp: 291712

Ion Ratio Lower Upper

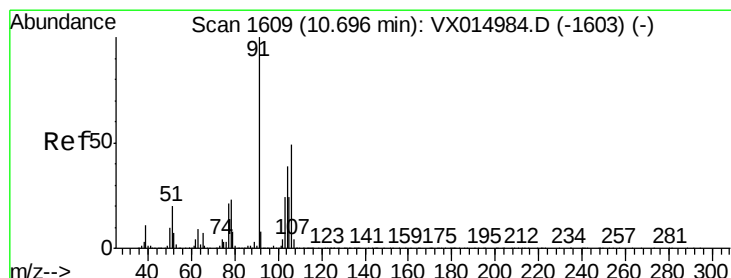
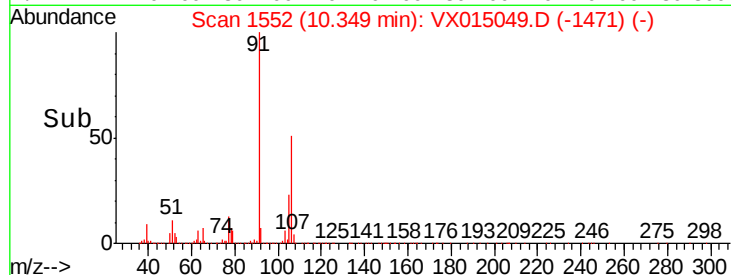
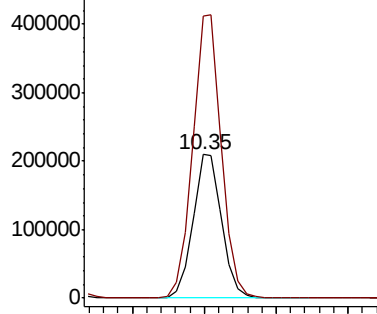
106 100

91 197.1 160.4 240.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.685 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX015049.D

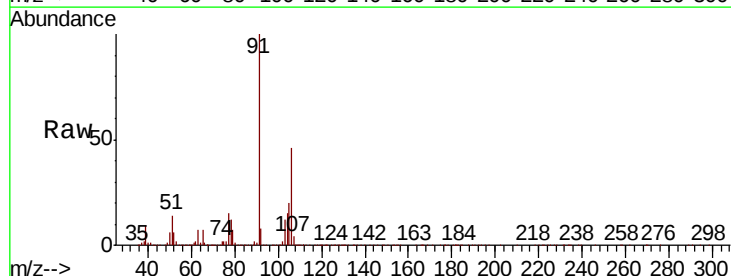
Acq: 28 Feb 2020 08:41

Tgt Ion:106 Resp: 143678

Ion Ratio Lower Upper

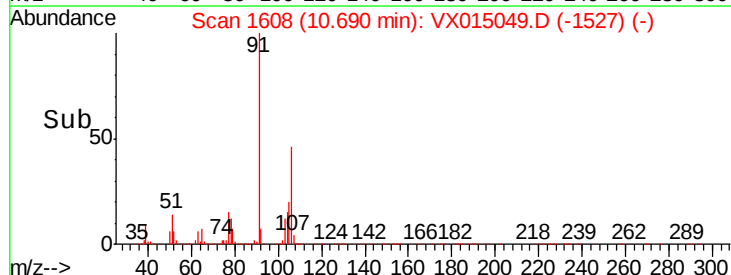
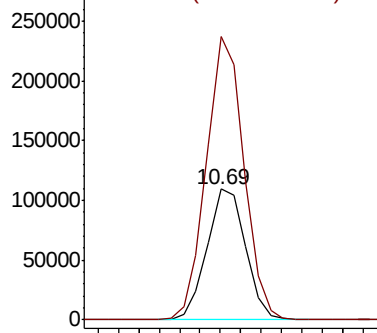
106 100

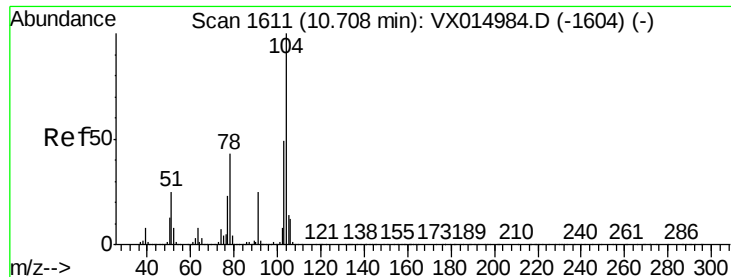
91 210.1 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

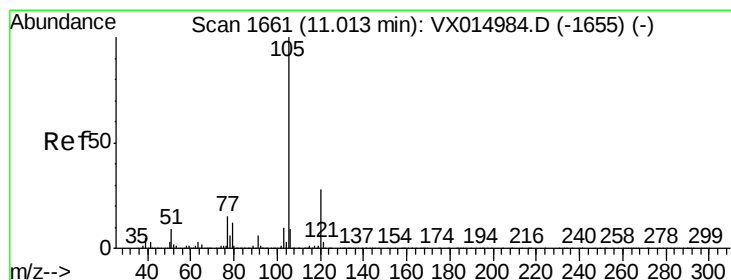
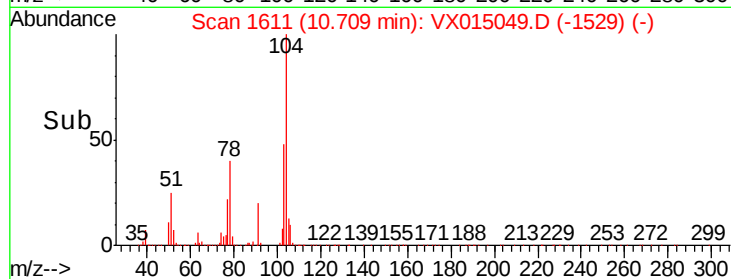
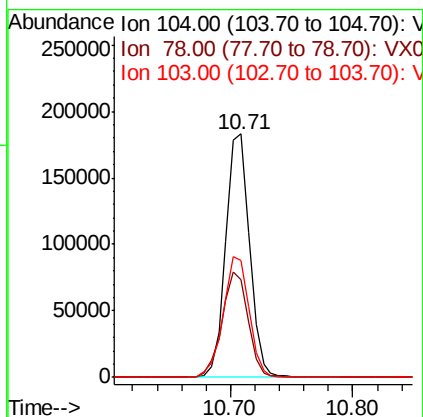
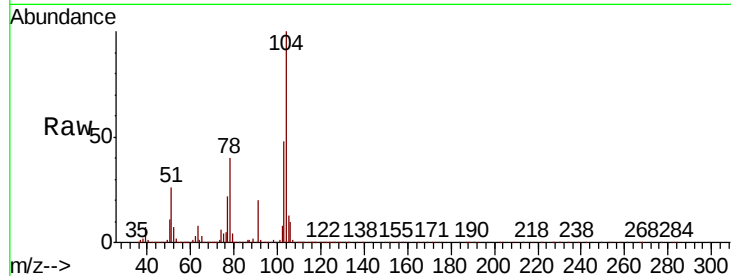




#69
Stvrene
Concen: 19.752 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

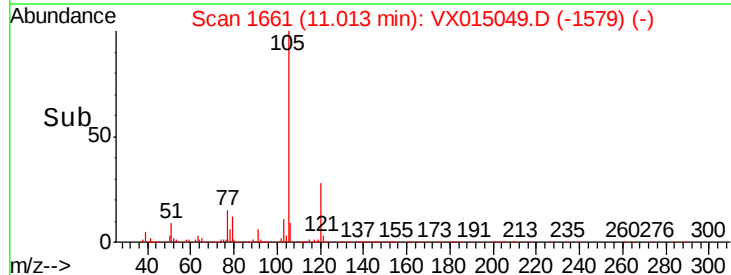
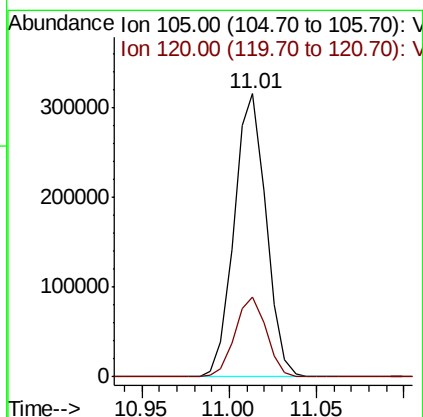
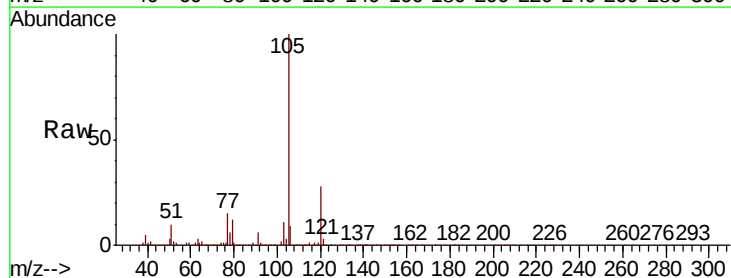
Instrument :
MSVOA_X
ClientSampleId :

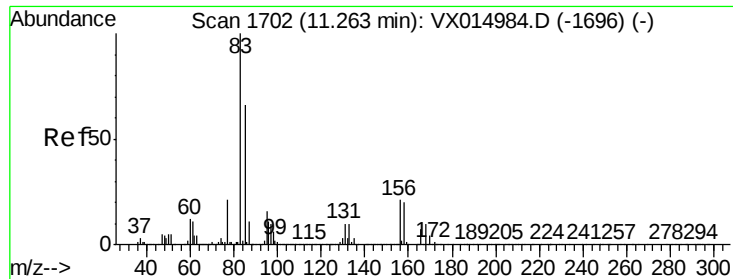
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	39.4	59.2
103	53.7	42.9	64.3



#70
Isopropylbenzene
Concen: 20.627 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.8	35.0

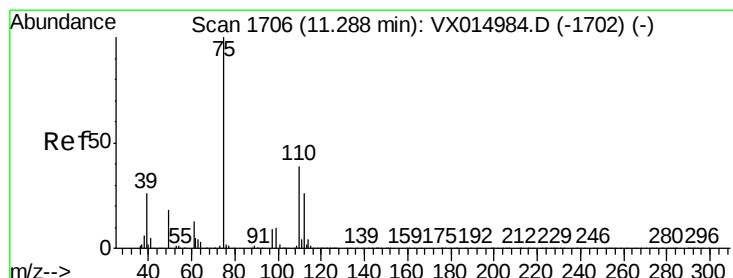
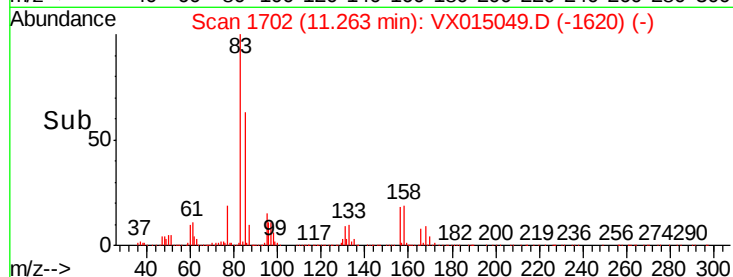
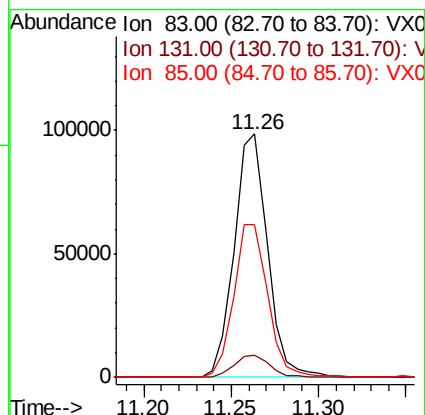
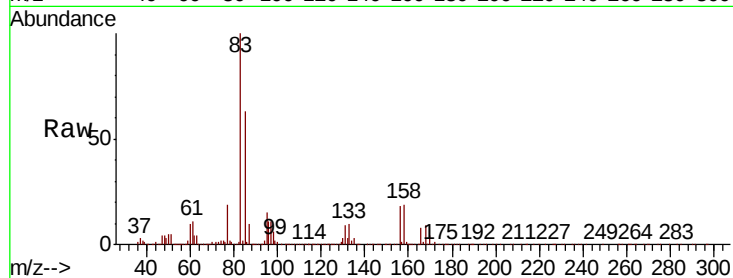




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.857 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

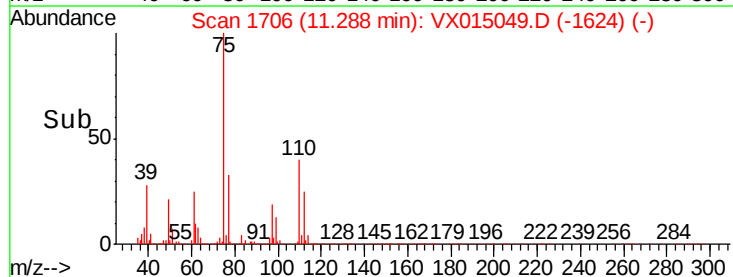
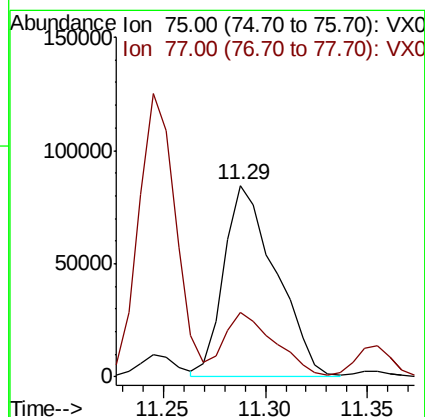
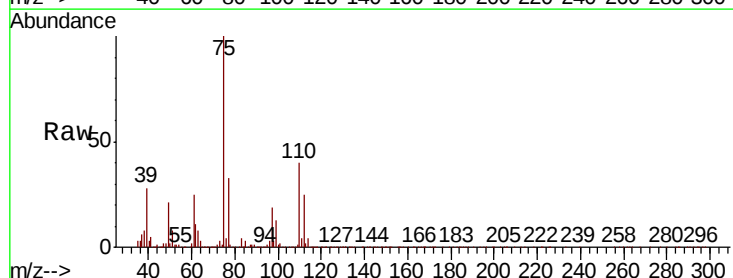
Instrument :
 MSVOA_X
 ClientSampleId :

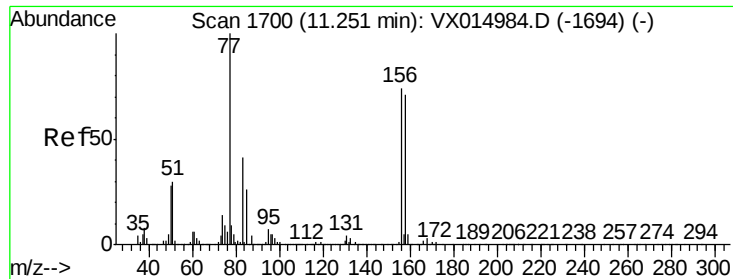
Tot Ion	83	Resp	130194
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	64.4	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 28.870 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	75	Resp	149485
Ion Ratio	Lower	Upper	
75	100		
77	32.6	0.0	75.4

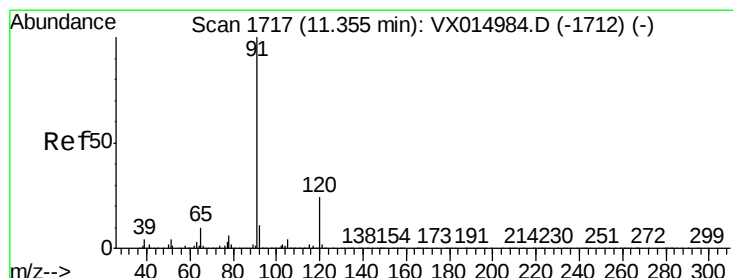
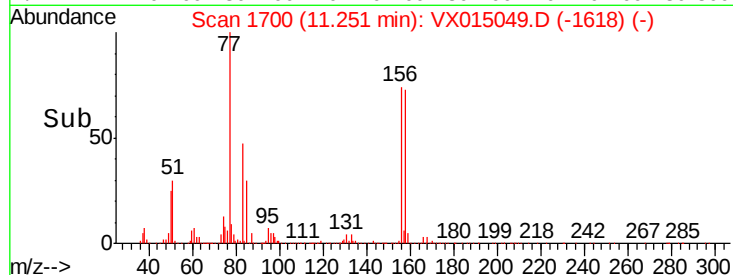
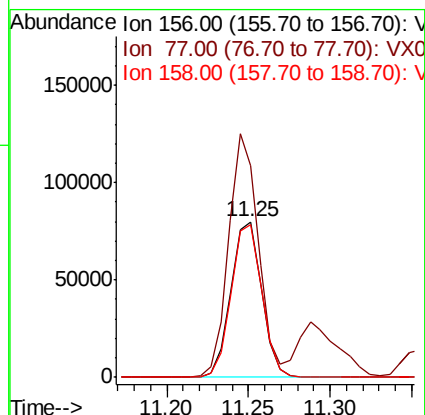
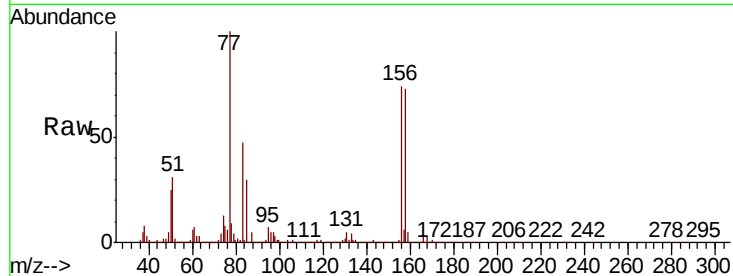




#73
Bromobenzene
Concen: 20.044 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

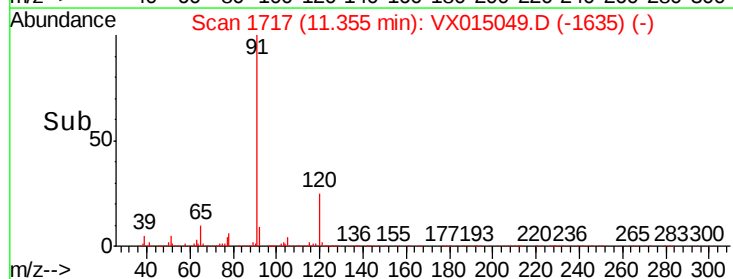
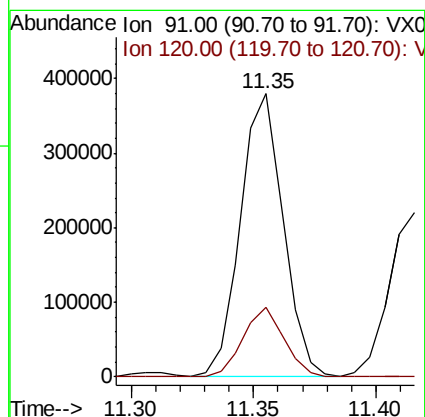
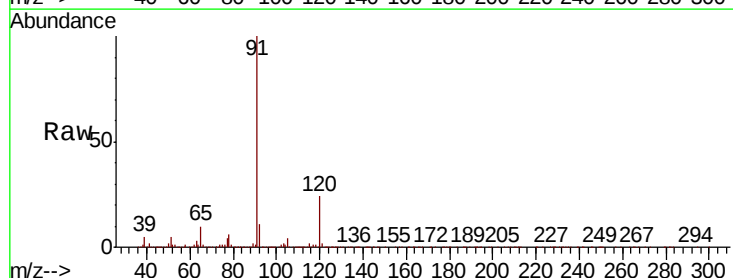
Instrument :
MSVOA_X
ClientSampleId :

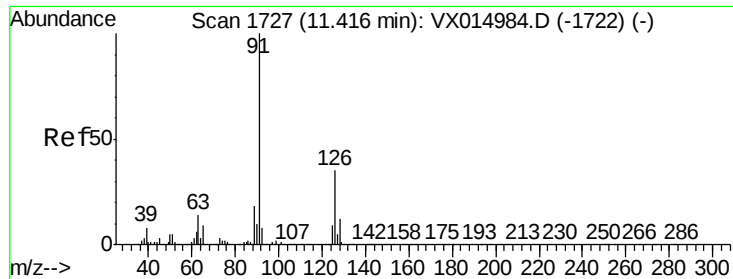
Tot Ion:156 Resp: 105004
Ion Ratio Lower Upper
156 100
77 149.8 0.0 286.8
158 97.5 0.0 191.8



#74
n-propylbenzene
Concen: 20.889 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 91 Resp: 460934
Ion Ratio Lower Upper
91 100
120 23.9 0.0 47.0

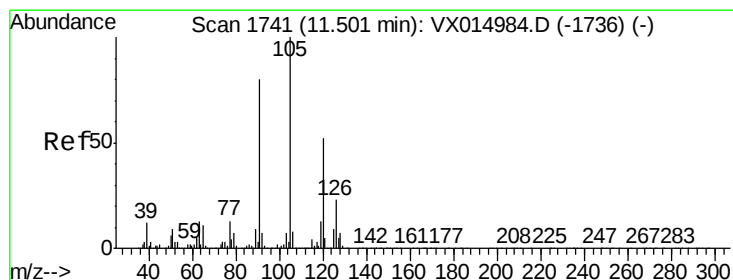
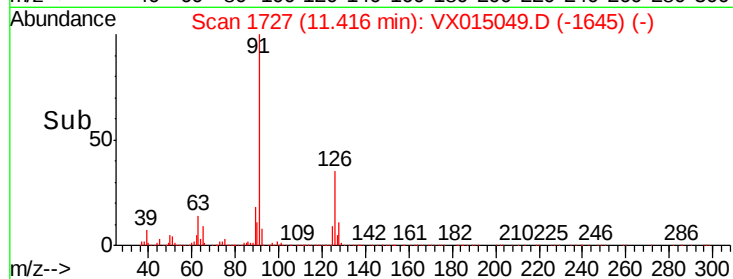
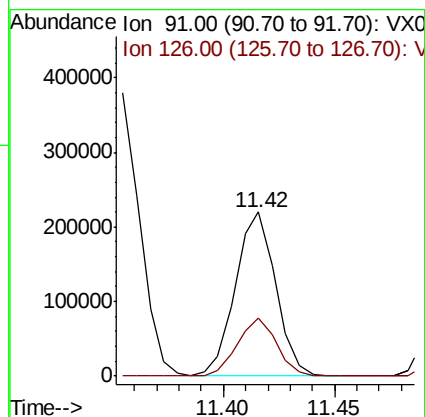
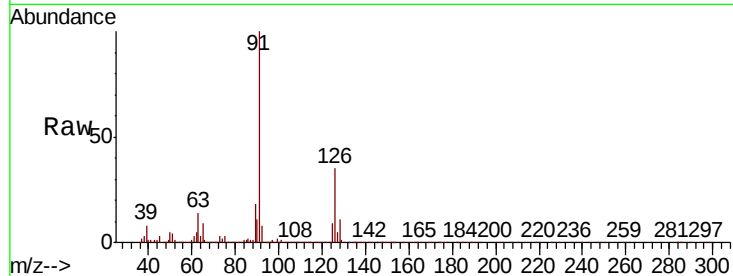




#75
 2-Chlorotoluene
 Concen: 21.236 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

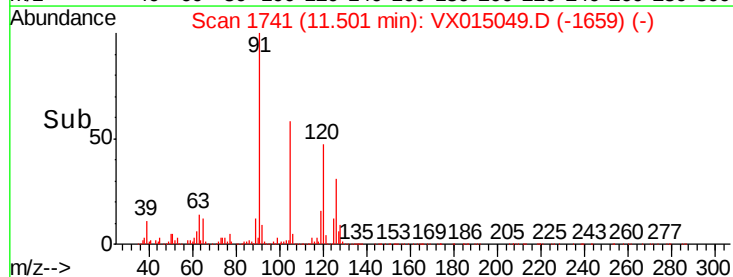
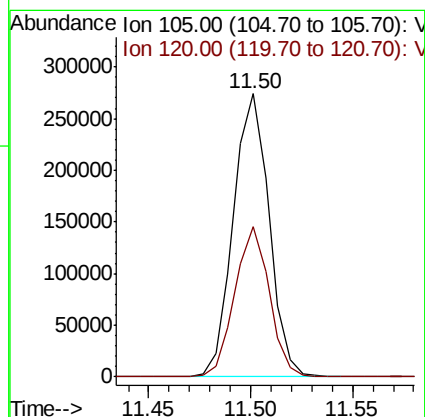
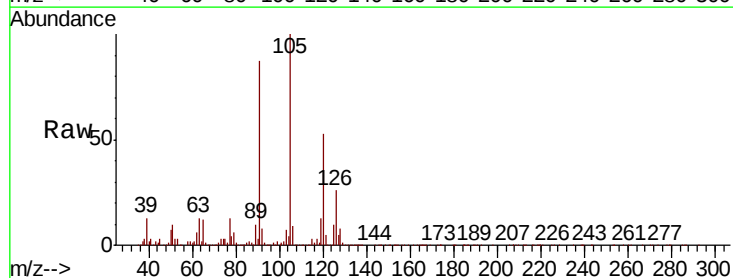
Instrument :
 MSVOA_X
 ClientSampleId :

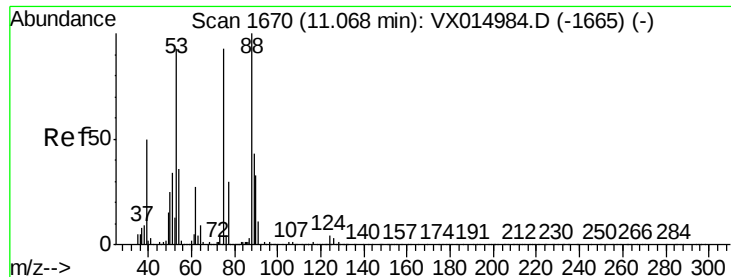
Tot Ion: 91 Resp: 276917
 Ion Ratio Lower Upper
 91 100
 126 34.7 0.0 69.0



#76
 1,3,5-Trimethylbenzene
 Concen: 20.354 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion: 105 Resp: 330712
 Ion Ratio Lower Upper
 105 100
 120 51.6 0.0 101.0

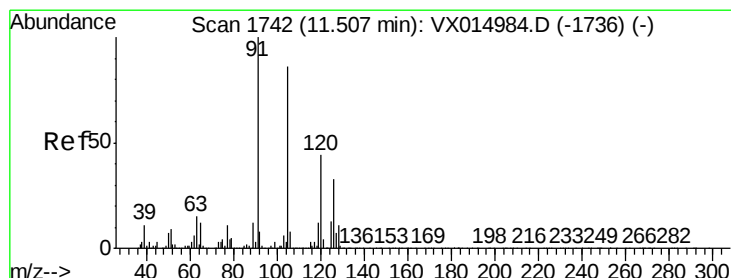
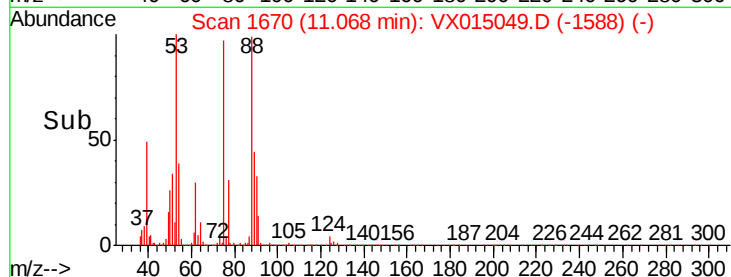
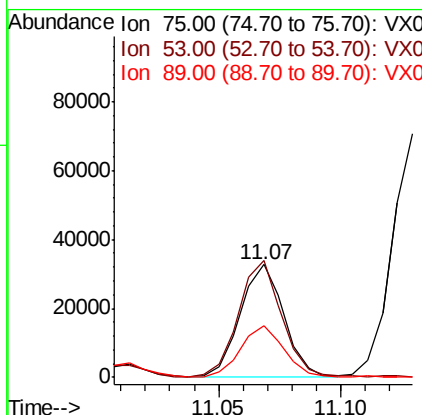
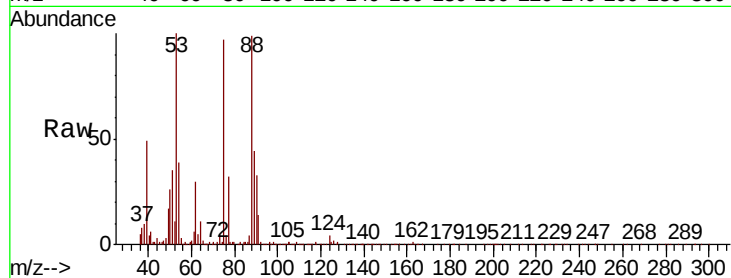




#77
t-1,4-Dichloro-2-butene
Concen: 19.347 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

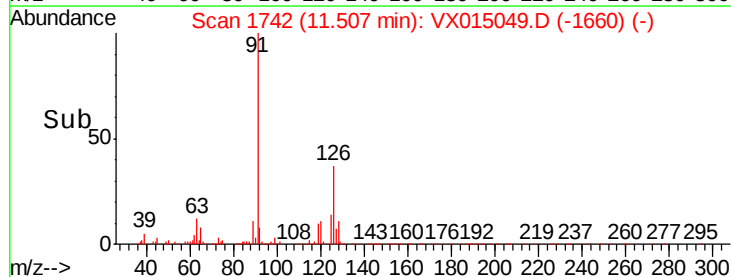
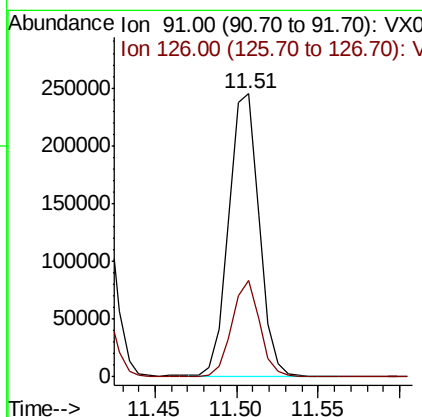
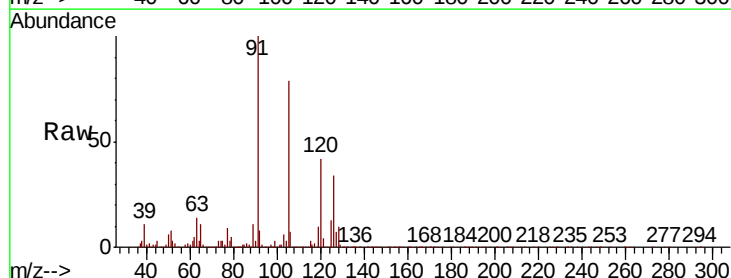
Instrument :
MSVOA_X
ClientSampleId :

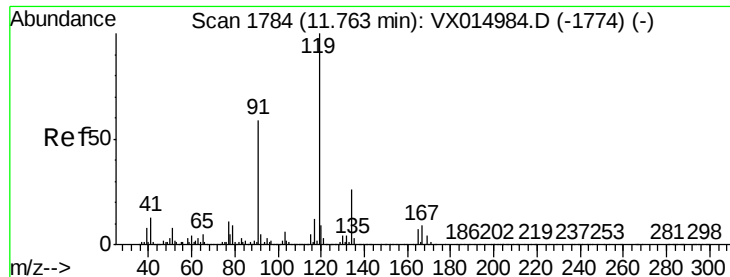
Tot Ion: 75 Resp: 40396
Ion Ratio Lower Upper
75 100
53 103.2 50.0 149.8
89 45.0 23.5 70.5



#78
4-Chlorotoluene
Concen: 20.987 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 91 Resp: 316565
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.0





#79

tert-butylbenzene

Concen: 20.212 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

ClientSampleId :

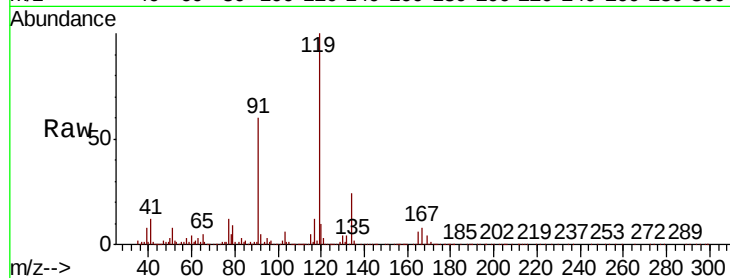
Tot Ion:119 Resp: 317279

Ion Ratio Lower Upper

119 100

91 57.3 0.0 114.4

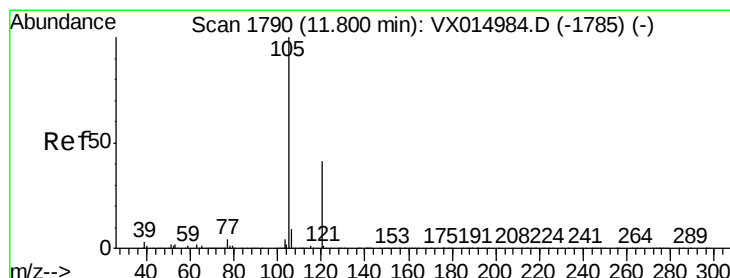
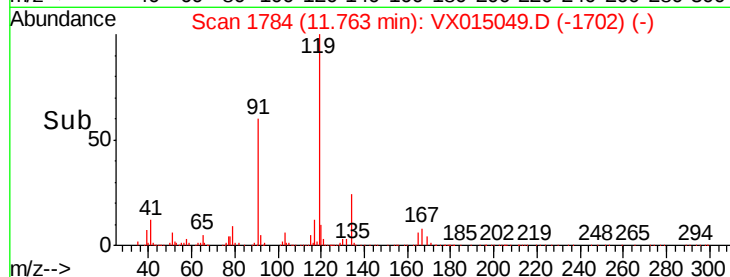
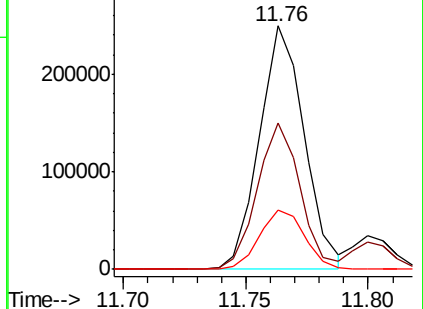
134 24.8 0.0 48.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.655 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015049.D

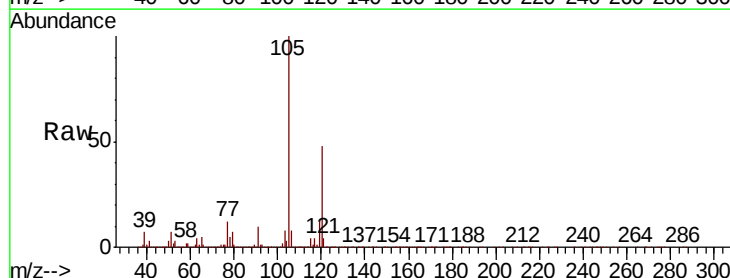
Acq: 28 Feb 2020 08:41

Tgt Ion:105 Resp: 333654

Ion Ratio Lower Upper

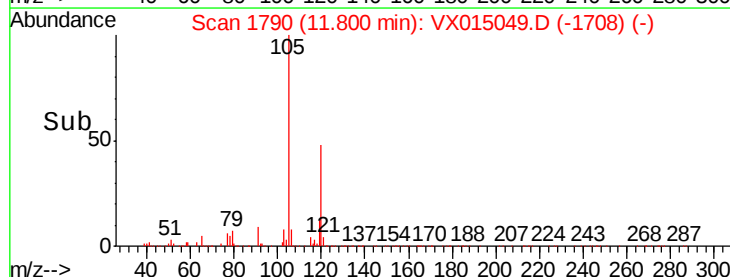
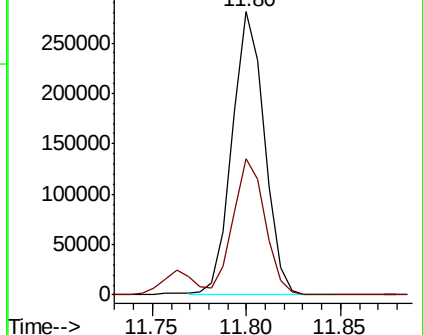
105 100

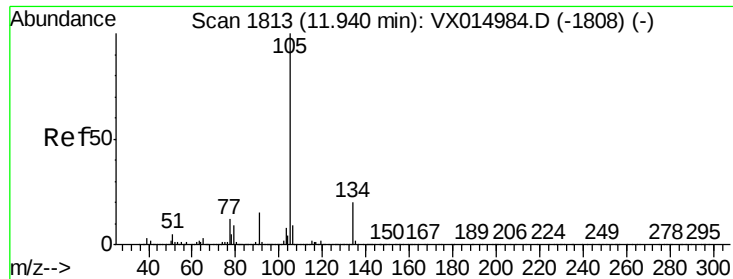
120 47.3 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 20.831 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

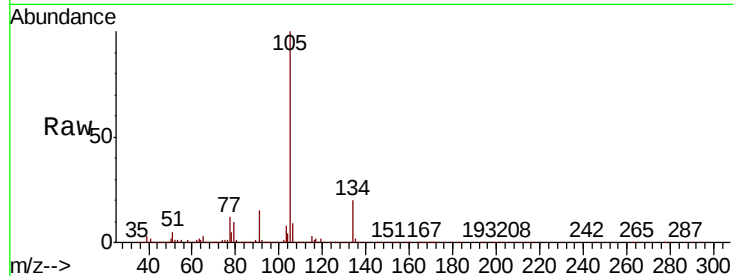
ClientSampleId :

Tot Ion:105 Resp: 391609

Ion Ratio Lower Upper

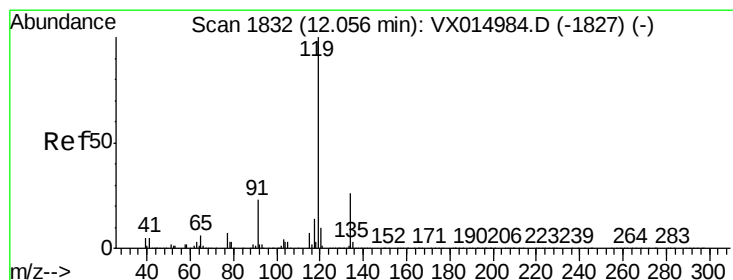
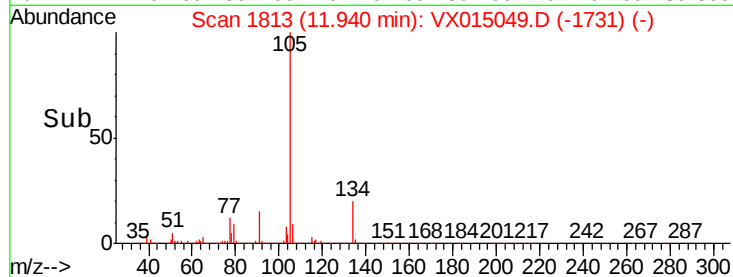
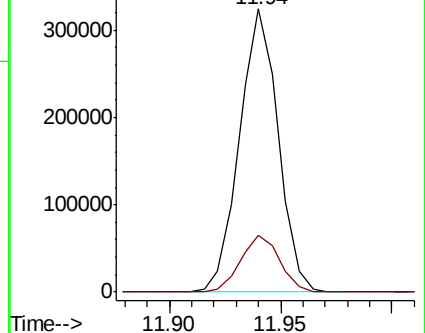
105 100

134 20.4 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.663 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

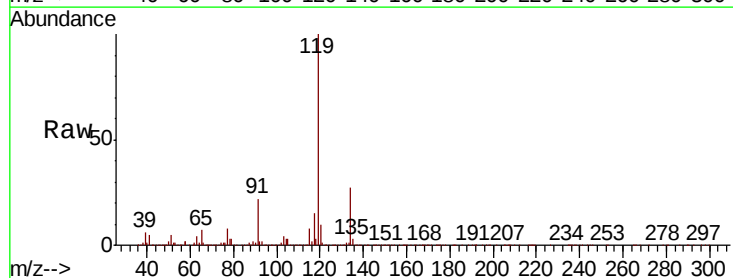
Tgt Ion:119 Resp: 360879

Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.2

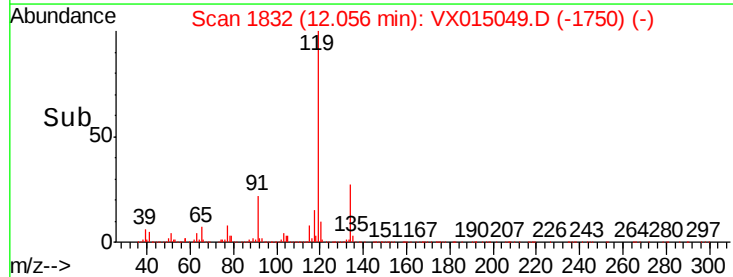
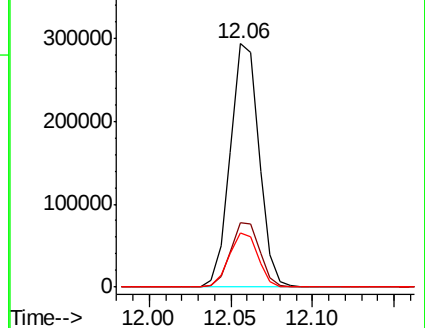
91 22.2 0.0 44.6

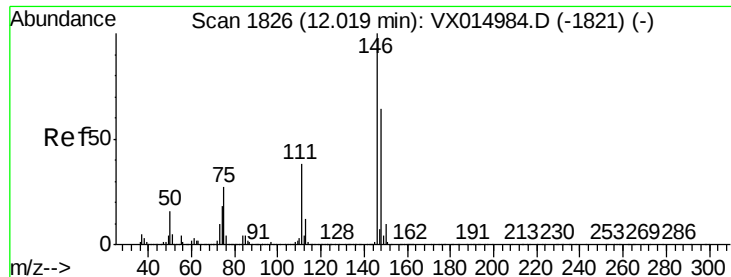


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 20.380 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

Instrument :

MSVOA_X

ClientSampleId :

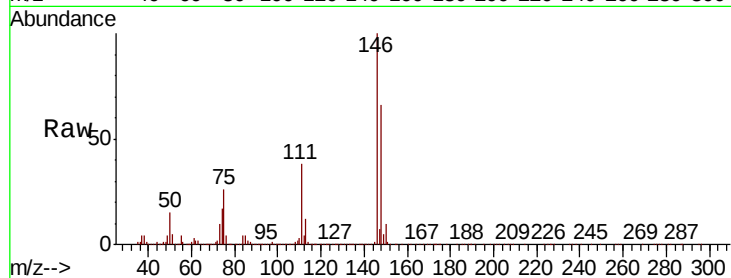
Tot Ion:146 Resp: 187155

Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.9

148 65.6 32.3 96.9

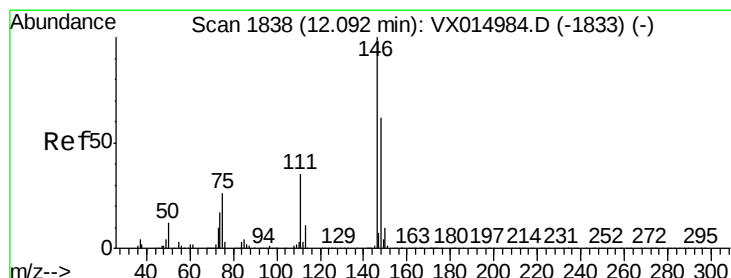
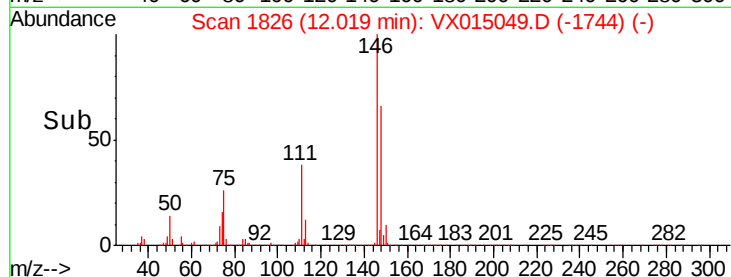
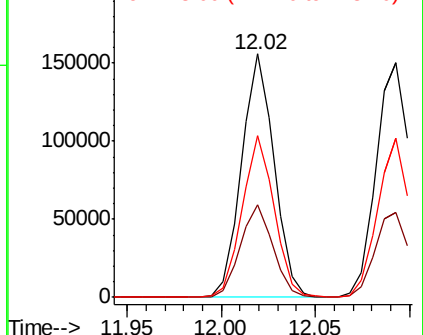


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 20.444 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015049.D

Acq: 28 Feb 2020 08:41

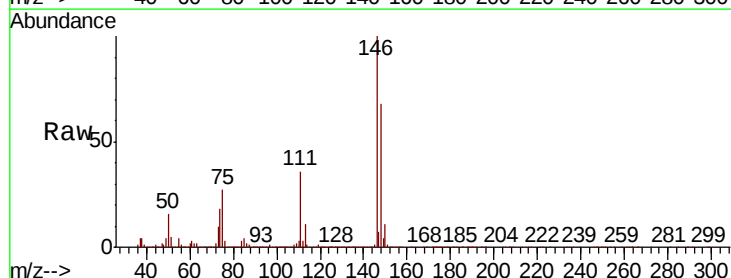
Tgt Ion:146 Resp: 189063

Ion Ratio Lower Upper

146 100

111 36.4 17.8 53.5

148 64.4 31.4 94.2

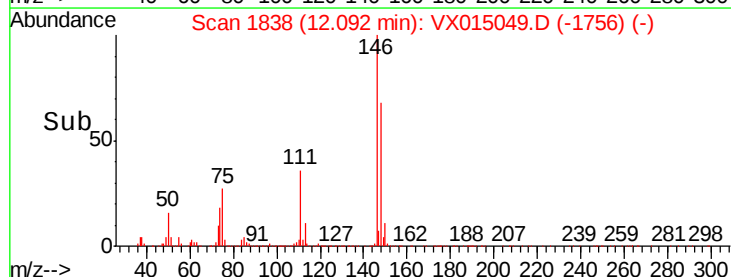
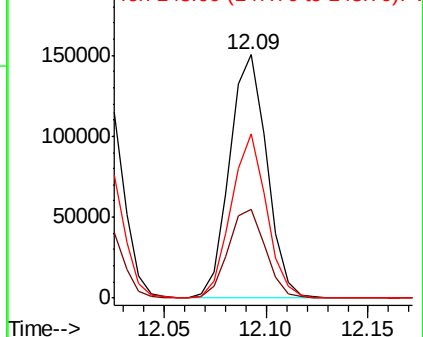


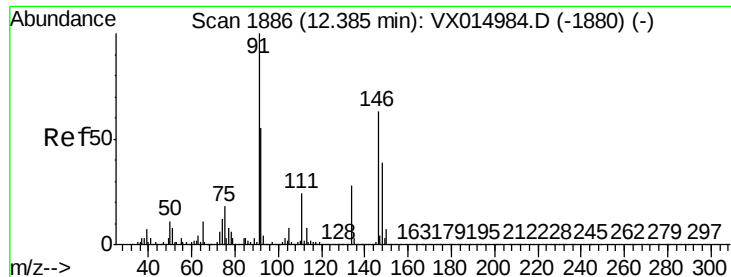
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

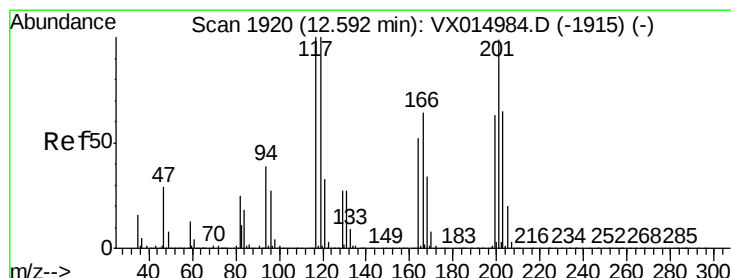
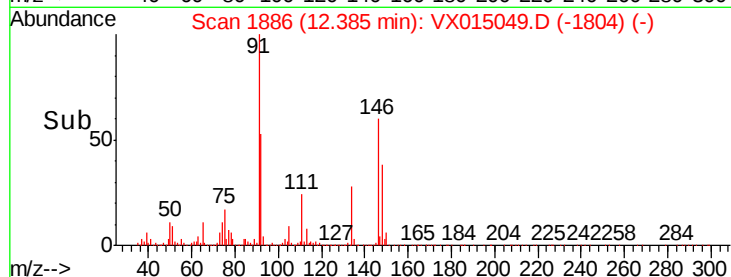
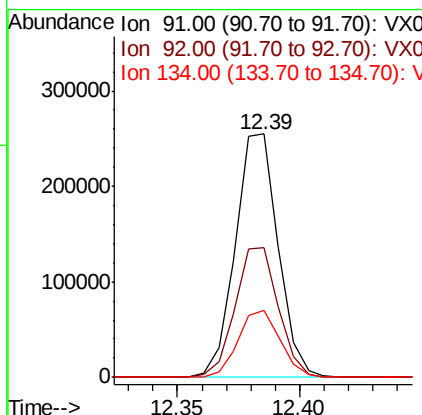
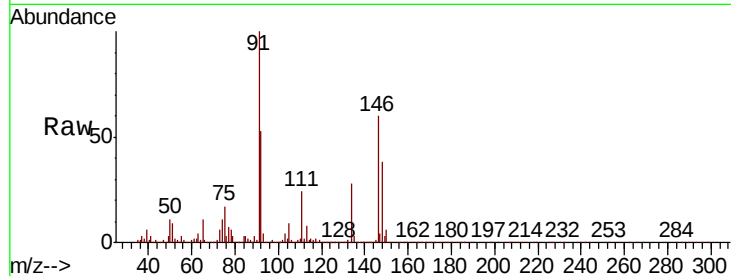




#85
n-Butylbenzene
Concen: 20.365 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

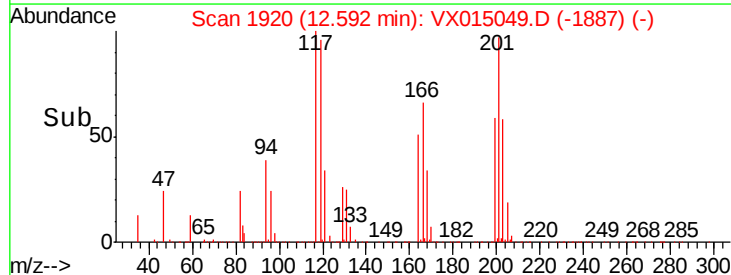
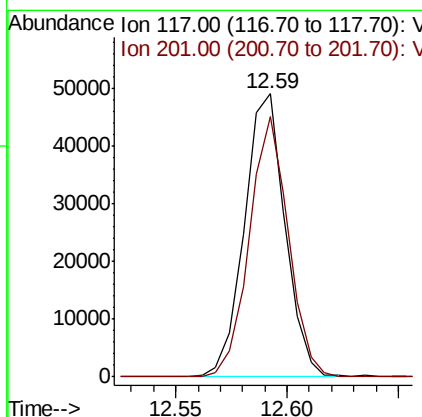
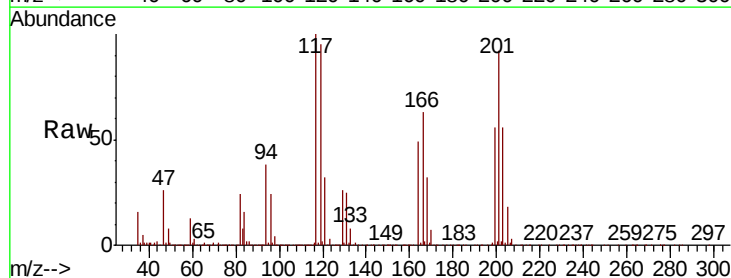
Instrument :
MSVOA_X
ClientSampleId :

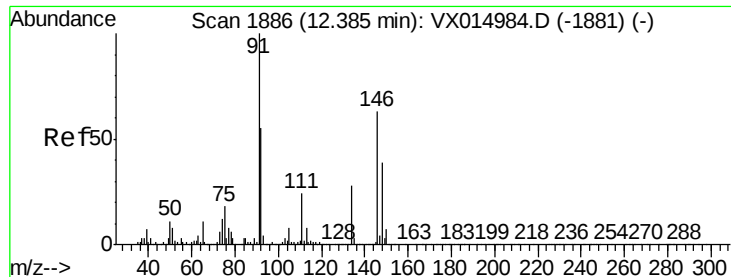
Tot Ion: 91 Resp: 309510
Ion Ratio Lower Upper
91 100
92 53.7 0.0 109.8
134 26.9 0.0 54.8



#86
Hexachloroethane
Concen: 19.723 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion: 117 Resp: 62264
Ion Ratio Lower Upper
117 100
201 88.6 45.6 136.7

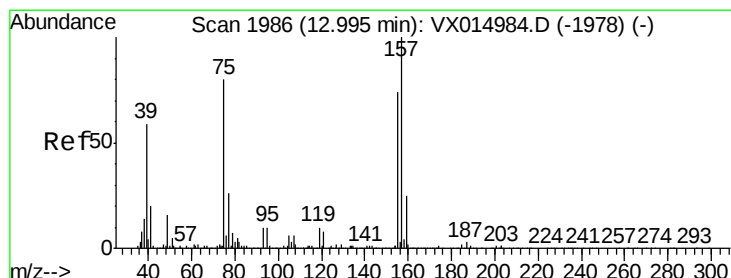
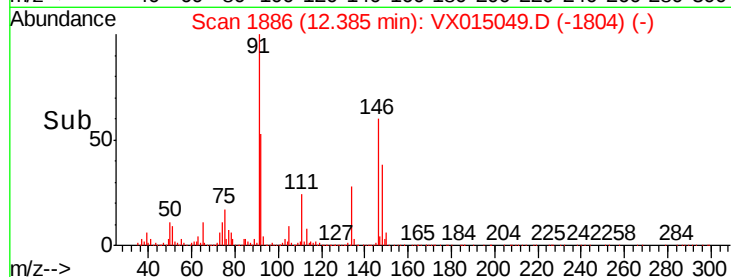
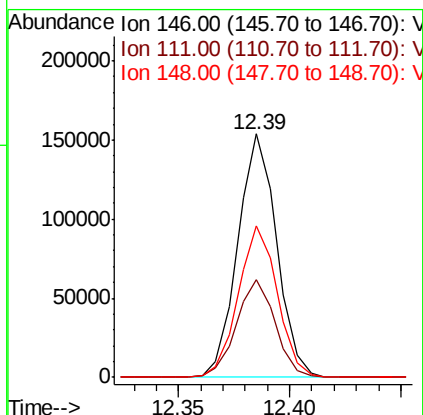
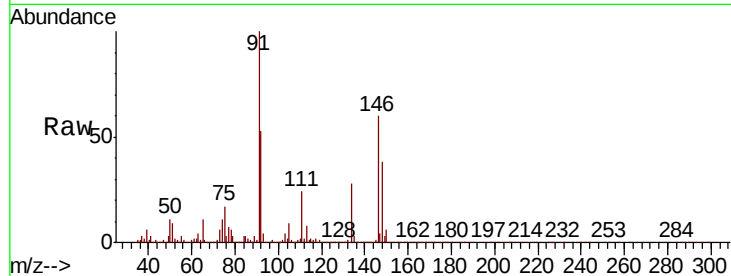




#87
 1,2-Dichlorobenzene
 Concen: 20.485 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

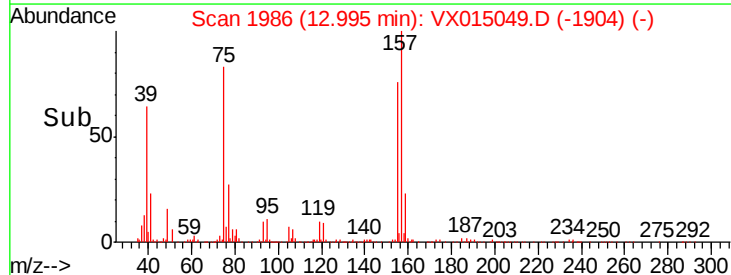
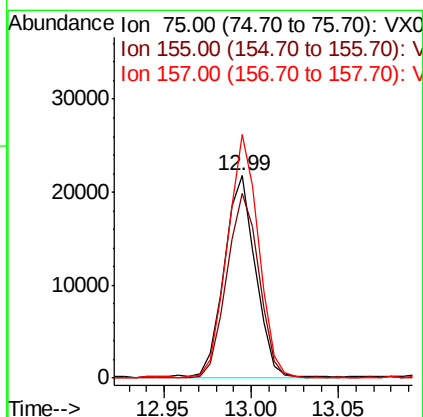
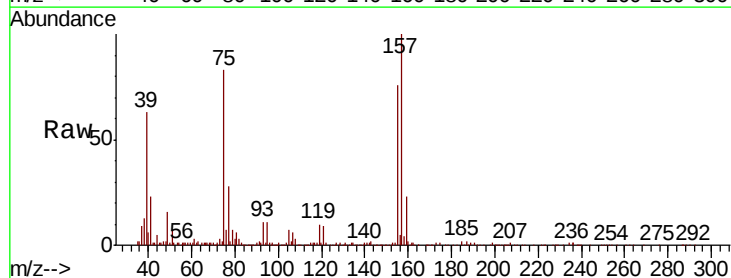
Instrument :
 MSVOA_X
 ClientSampleId :

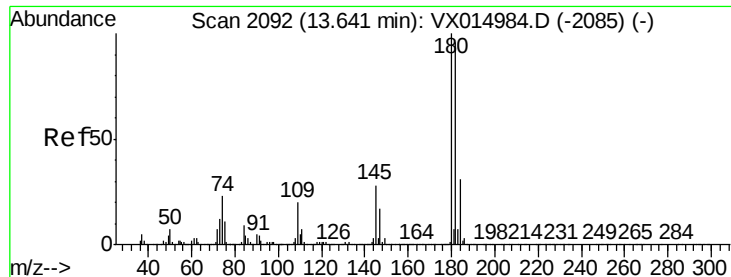
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	62.6	32.0	96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.698 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	74.5	111.7
157	121.7	96.2	144.4

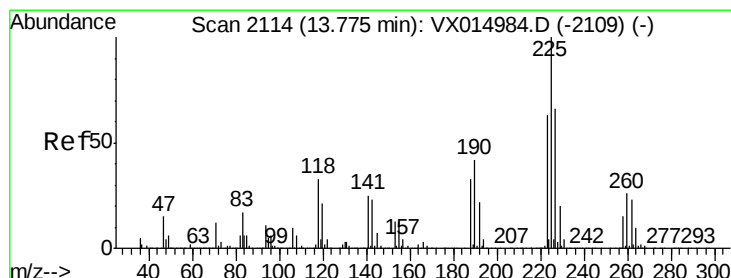
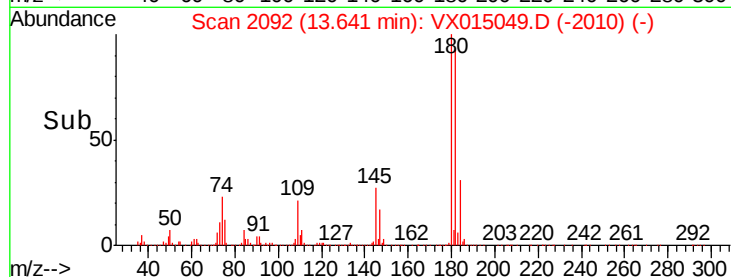
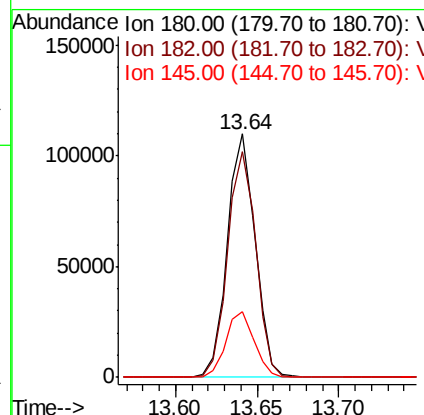
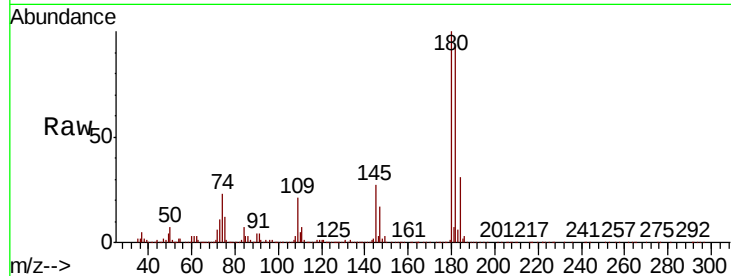




#89
 1,2,4-Trichlorobenzene
 Concen: 19.887 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

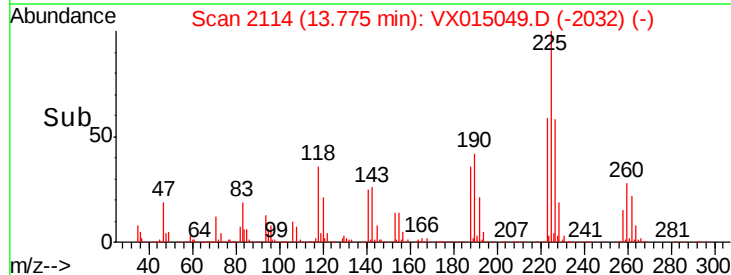
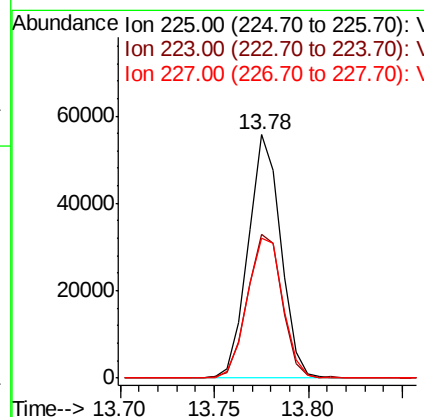
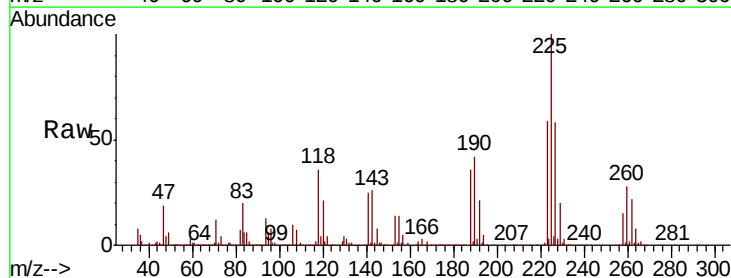
Instrument :
 MSVOA_X
 ClientSampled :

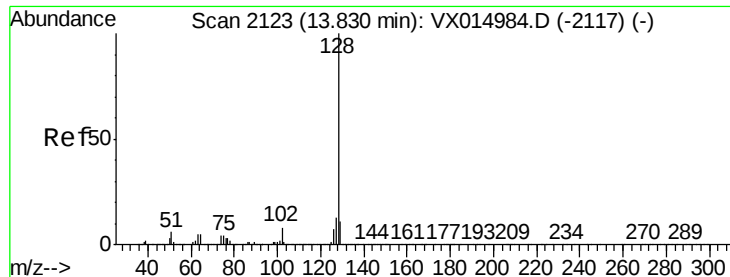
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	27.7	21.8	32.6



#90
 Hexachlorobutadiene
 Concen: 20.464 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015049.D
 Acq: 28 Feb 2020 08:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	132.0
227	62.8	0.0	131.0

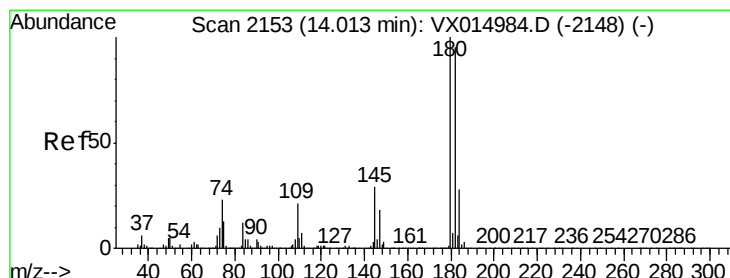
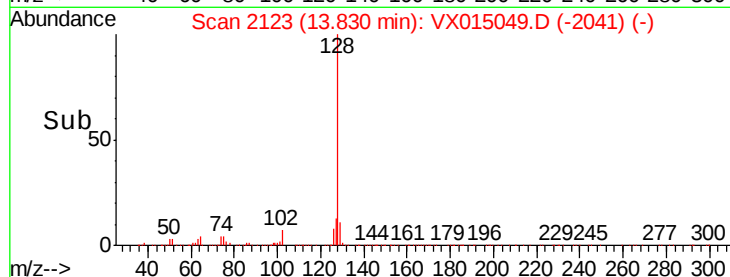
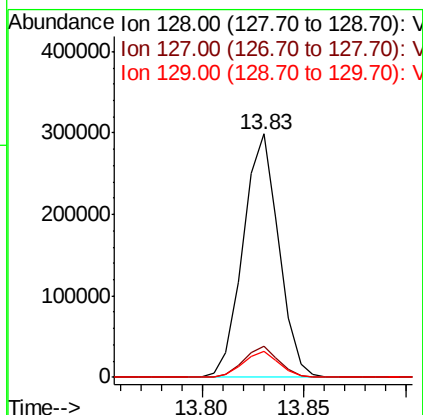
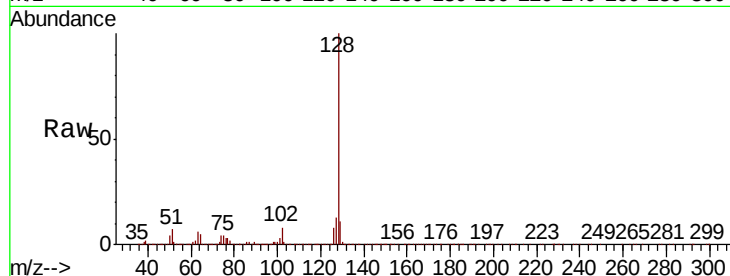




#91
Naphthalene
Concen: 19.481 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 362440
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 20.171 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015049.D
Acq: 28 Feb 2020 08:41

Tgt Ion:180 Resp: 131603
Ion Ratio Lower Upper
180 100
182 94.2 0.0 192.4
145 30.4 0.0 60.4

