

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
 Data File : VX015001.D
 Acq On : 24 Feb 2020 11:34
 Operator : JC/SP
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	417589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	618959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	575260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	303268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	238090	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.48	113	194164	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	733644	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	267702	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	74916	18.944	ug/l	100
3) Chloromethane	1.32	50	89340	19.926	ug/l	100
4) Vinyl Chloride	1.40	62	91920	19.031	ug/l	98
5) Bromomethane	1.64	94	59678	19.089	ug/l	99
6) Chloroethane	1.72	64	61412	19.872	ug/l	98
7) Trichlorofluoromethane	1.93	101	127296	18.864	ug/l	98
8) Diethyl Ether	2.18	74	54864	19.606	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76821	19.612	ug/l	98
10) Methyl Iodide	2.50	142	79394	20.961	ug/l	98
11) Tert butyl alcohol	3.02	59	91450	109.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71083	18.571	ug/l	98
13) Acrolein	2.28	56	50593	79.774	ug/l	96
14) Allyl chloride	2.72	41	129202	19.039	ug/l	98
15) Acrylonitrile	3.12	53	225124	106.720	ug/l	100
16) Acetone	2.43	43	215266	77.491	ug/l	99
17) Carbon Disulfide	2.56	76	182064	17.024	ug/l	99
18) Methyl Acetate	2.76	43	106506	22.439	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	257124	20.641	ug/l	99
20) Methylene Chloride	2.85	84	85618	18.885	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	77098	18.255	ug/l	99
22) Diisopropyl ether	3.84	45	270137	20.842	ug/l	91
23) Vinyl Acetate	3.80	43	1143118	106.988	ug/l	98
24) 1,1-Dichloroethane	3.69	63	142889	19.534	ug/l	97
25) 2-Butanone	4.65	43	316520	98.651	ug/l	99
26) 2,2-Dichloropropane	4.57	77	118564	18.808	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	93900	19.889	ug/l	95
28) Bromochloromethane	5.00	49	60156	21.216	ug/l	100
29) Tetrahydrofuran	5.11	42	194784	106.795	ug/l	100
30) Chloroform	5.20	83	146313	20.160	ug/l	97
31) Cyclohexane	5.57	56	126193	18.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	120478	18.977	ug/l	100
36) 1,1-Dichloropropene	5.79	75	107647	19.442	ug/l	99
37) Ethyl Acetate	4.81	43	122148	21.152	ug/l	98
38) Carbon Tetrachloride	5.77	117	102926	19.075	ug/l	95

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	129836	18.750	ug/l	95
40) Benzene	6.13	78	323431	19.551	ug/l	97
41) Methacrylonitrile	5.02	41	65936	21.195	ug/l	97
42) 1,2-Dichloroethane	6.18	62	120254	20.112	ug/l	100
43) Isopropyl Acetate	6.43	43	197216	20.702	ug/l	99
44) Trichloroethene	7.20	130	91562	19.066	ug/l	99
45) 1,2-Dichloropropane	7.51	63	86322	20.460	ug/l	98
46) Dibromomethane	7.65	93	56079	19.446	ug/l	97
47) Bromodichloromethane	7.89	83	111416	19.485	ug/l	99
48) Methyl methacrylate	7.76	41	96641	20.614	ug/l	99
49) 1,4-Dioxane	7.73	88	39424	449.767	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	620799	107.925	ug/l	99
52) Toluene	8.78	92	207476	19.746	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	121029	19.313	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135843	19.622	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87755	20.643	ug/l	99
56) Ethyl methacrylate	9.17	69	131166	20.528	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145226	20.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	328615	98.340	ug/l	98
59) 2-Hexanone	9.48	43	464438	102.723	ug/l	98
60) Dibromochloromethane	9.57	129	91899	20.088	ug/l	98
61) 1,2-Dibromoethane	9.67	107	91860	20.028	ug/l	99
64) Tetrachloroethene	9.33	164	91392	16.992	ug/l	97
65) Chlorobenzene	10.13	112	231135	19.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	84971	20.060	ug/l	98
67) Ethyl Benzene	10.25	91	392699	19.790	ug/l	99
68) m/p-Xylenes	10.35	106	307062	40.169	ug/l	96
69) o-Xylene	10.69	106	145569	19.810	ug/l	99
70) Styrene	10.71	104	248430	19.984	ug/l	99
71) Bromoform	10.85	173	70794	20.022	ug/l #	98
73) Isopropylbenzene	11.01	105	391962	20.610	ug/l	100
74) N-amyl acetate	10.89	43	165897	20.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132208	21.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147955	26.979	ug/l	93
77) Bromobenzene	11.25	156	105074	19.795	ug/l	99
78) n-propylbenzene	11.35	91	449558	20.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	266585	20.615	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	325028	20.454	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41508	19.374	ug/l	95
82) 4-Chlorotoluene	11.51	91	306107	19.989	ug/l	100
83) tert-Butylbenzene	11.76	119	316426	21.028	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	333786	20.843	ug/l	99
85) sec-Butylbenzene	11.94	105	385161	20.604	ug/l	99
86) p-Isopropyltoluene	12.06	119	356038	20.353	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187980	19.740	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188559	19.390	ug/l	99
89) n-Butylbenzene	12.39	91	305115	19.475	ug/l	99
90) Hexachloroethane	12.59	117	60951	19.951	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186285	19.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28100	19.266	ug/l	95

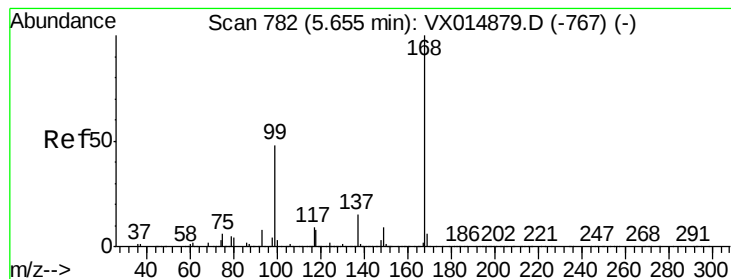
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ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131659	19.100	ug/l	100
94) Hexachlorobutadiene	13.77	225	66093	19.824	ug/l	97
95) Naphthalene	13.83	128	383941	20.949	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134222	20.155	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

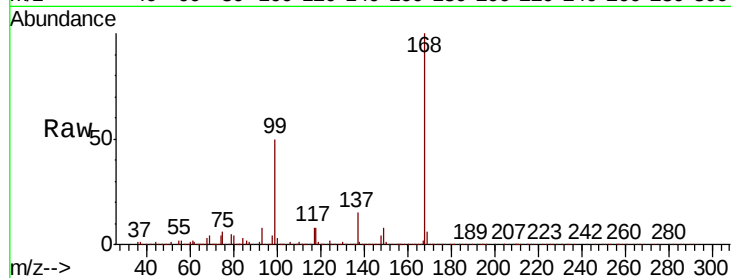
ClientSampleId :

Tot Ion:168 Resp: 417589

Ion Ratio Lower Upper

168 100

99 50.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

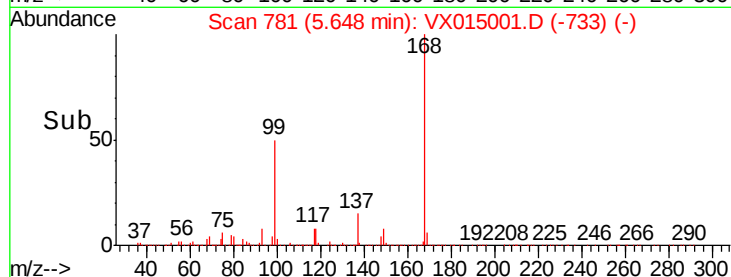
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100000

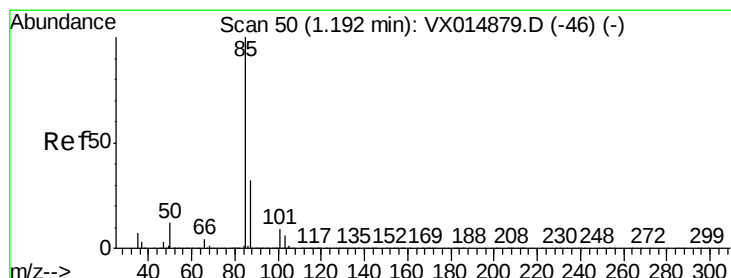
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 18.944 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015001.D

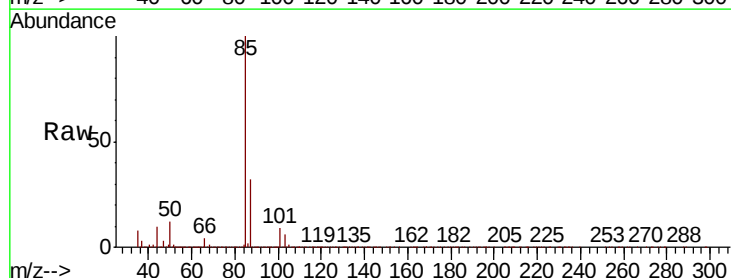
Acq: 24 Feb 2020 11:34

Tgt Ion: 85 Resp: 74916

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

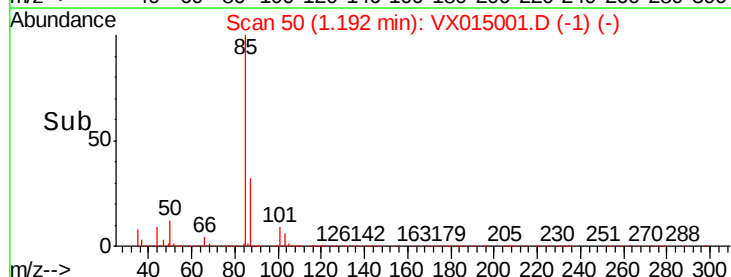
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40000

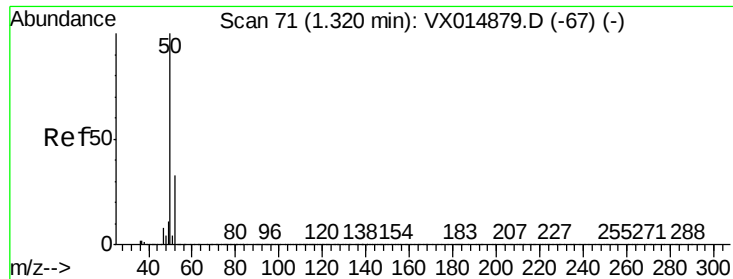
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0

1.10 1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 19.926 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

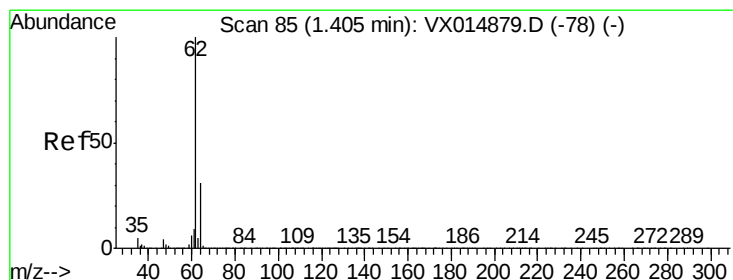
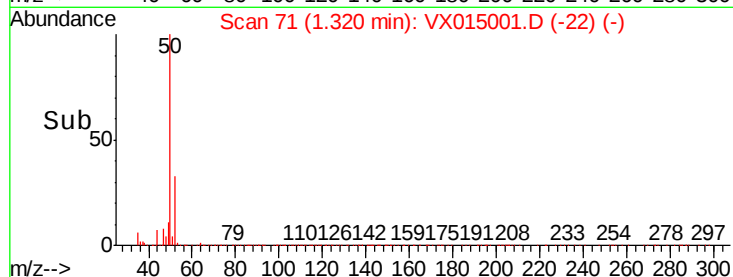
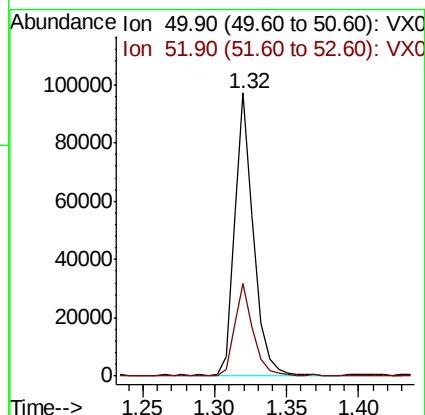
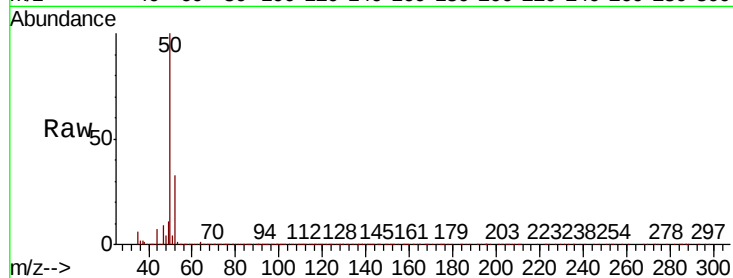
ClientSampled :

Tot Ion: 50 Resp: 89340

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 19.031 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015001.D

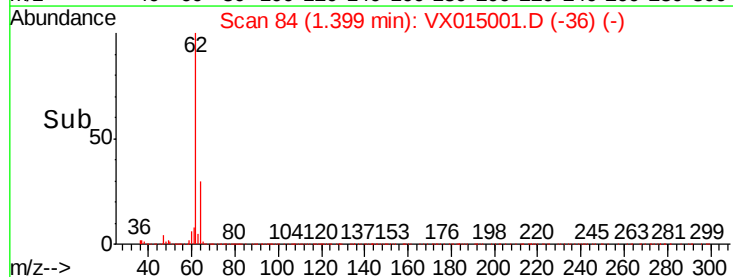
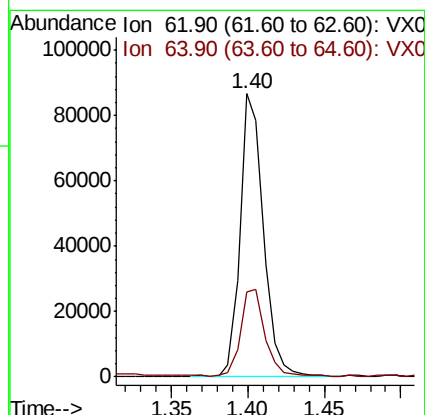
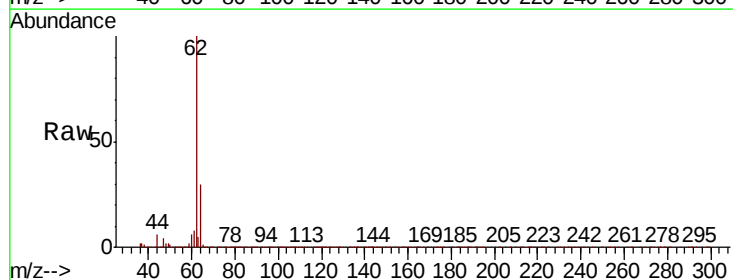
Acq: 24 Feb 2020 11:34

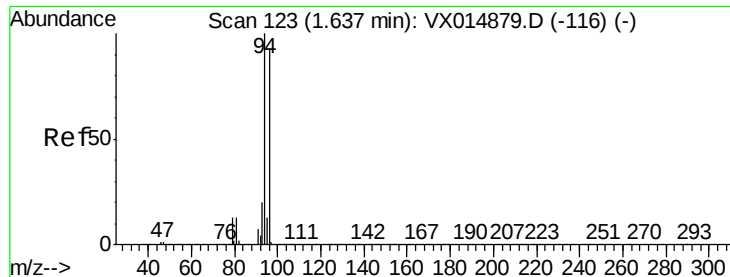
Tgt Ion: 62 Resp: 91920

Ion Ratio Lower Upper

62 100

64 29.8 24.8 37.2





#5

Bromomethane

Concen: 19.089 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

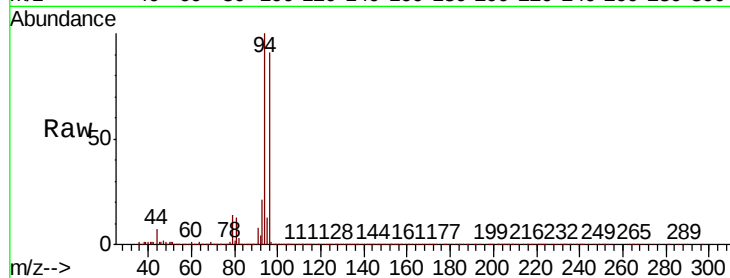
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 59678

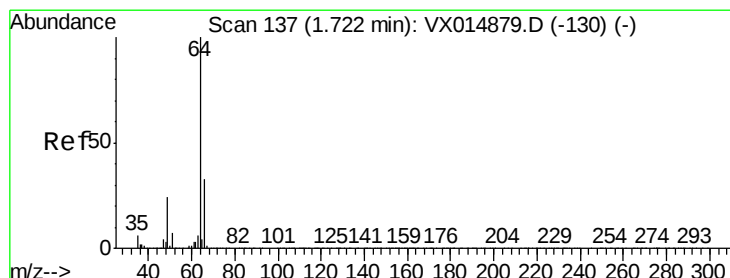
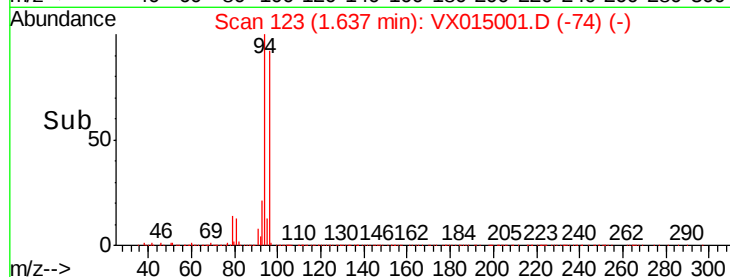
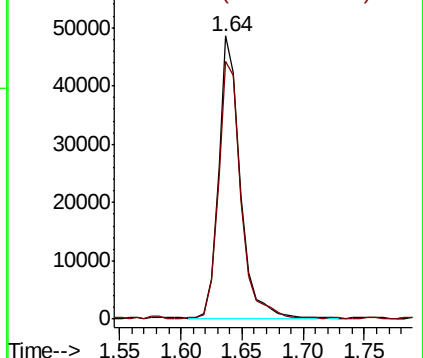
Ion Ratio Lower Upper

94 100

96 90.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.872 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015001.D

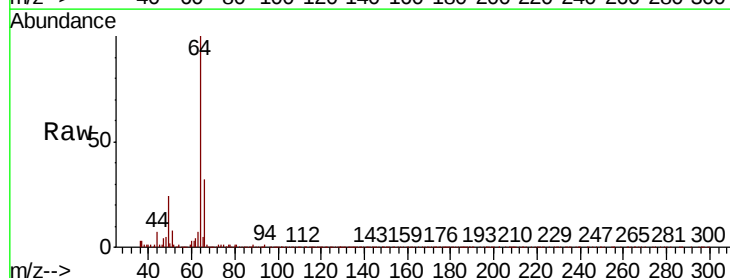
Acq: 24 Feb 2020 11:34

Tgt Ion: 64 Resp: 61412

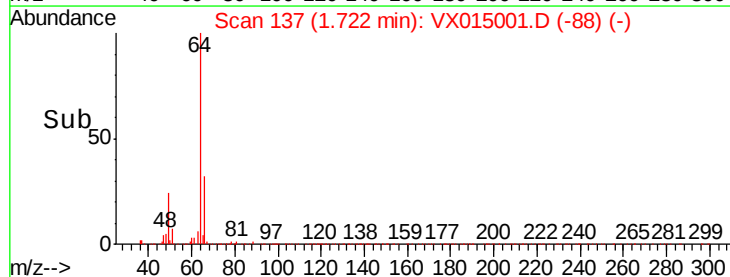
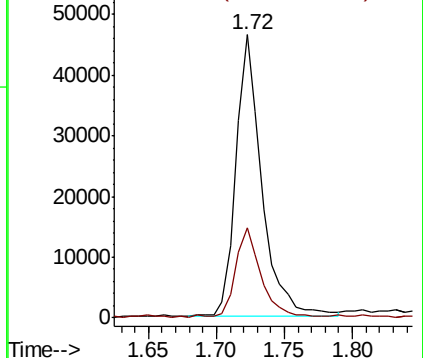
Ion Ratio Lower Upper

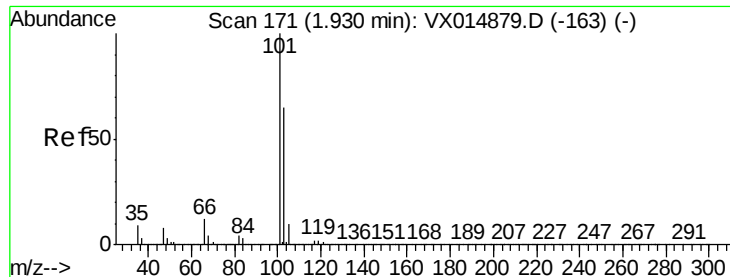
64 100

66 31.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



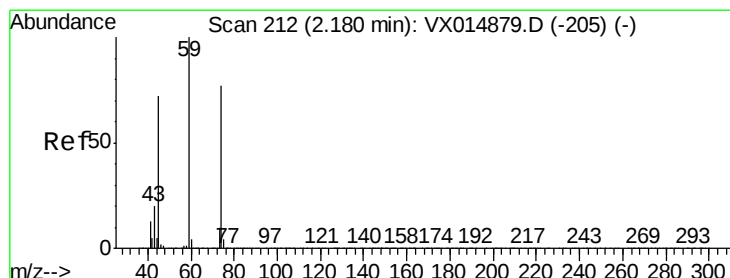
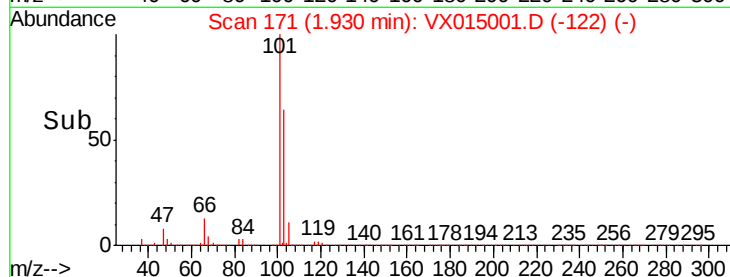
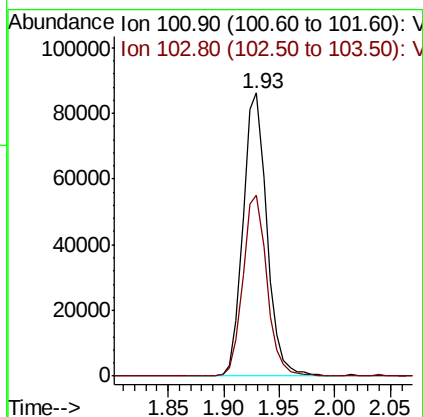
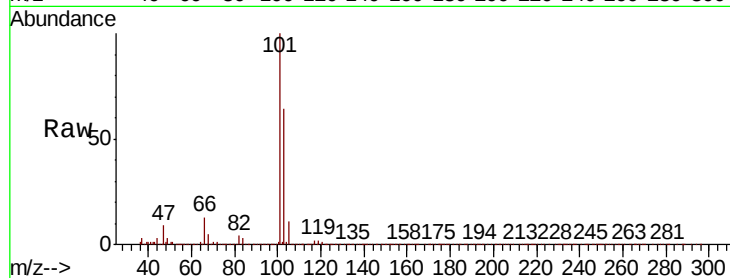


#7

Trichlorofluoromethane
Concen: 18.864 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :

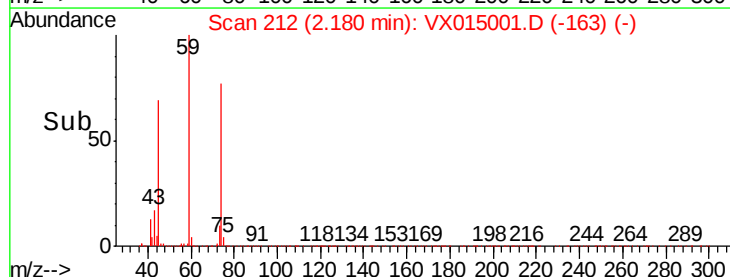
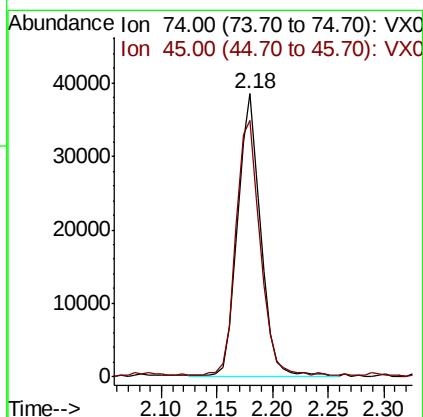
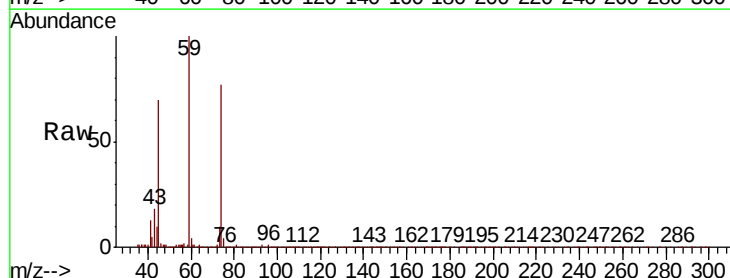
Tot Ion:101 Resp: 127296
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

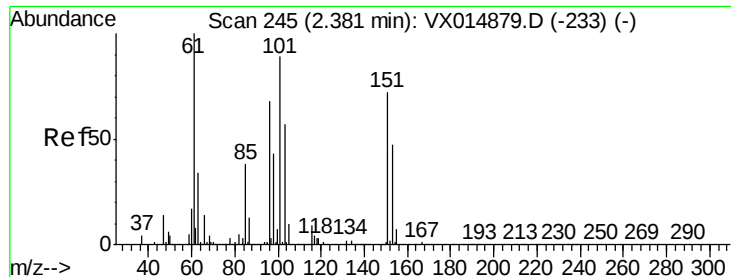


#8

Diethyl Ether
Concen: 19.606 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 74 Resp: 54864
Ion Ratio Lower Upper
74 100
45 96.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.612 ug/l

RT: 2.38 min Scan# 245

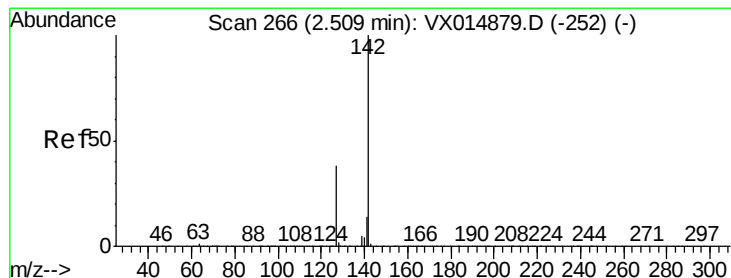
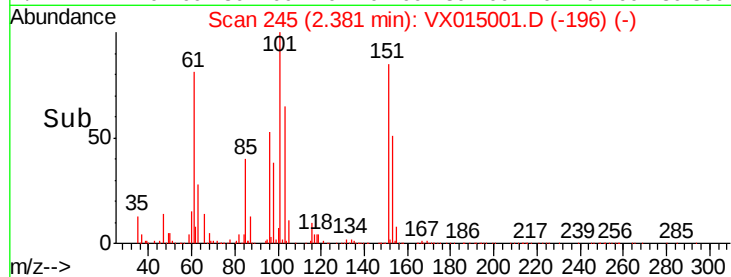
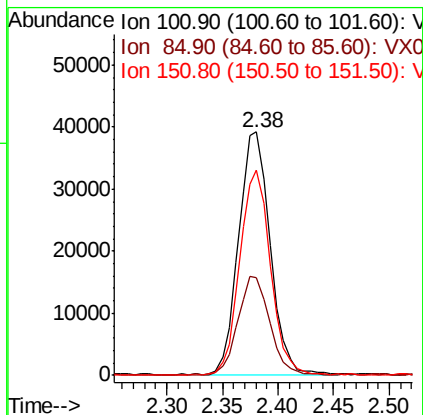
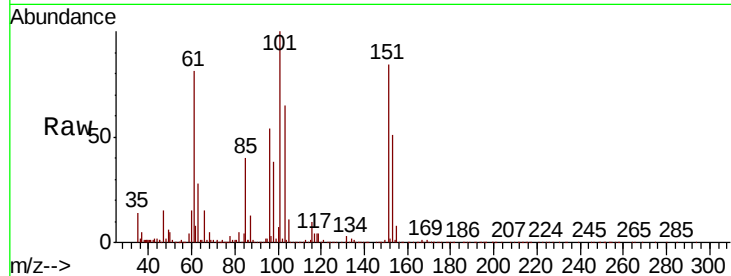
Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	101	Resp:	76821
Ion	Ratio	Lower	Upper
101	100		
85	41.6	34.1	51.1
151	82.6	67.3	100.9



#10

Methyl Iodide

Concen: 20.961 ug/l

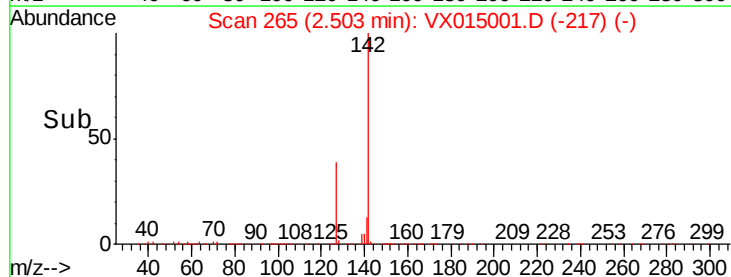
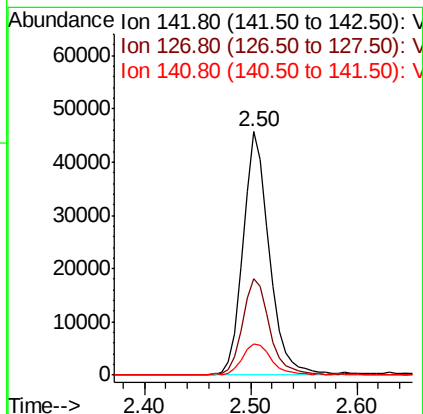
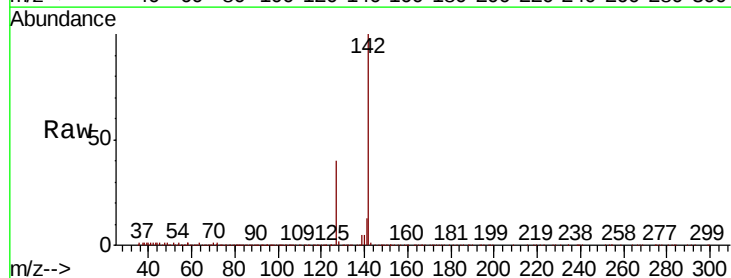
RT: 2.50 min Scan# 265

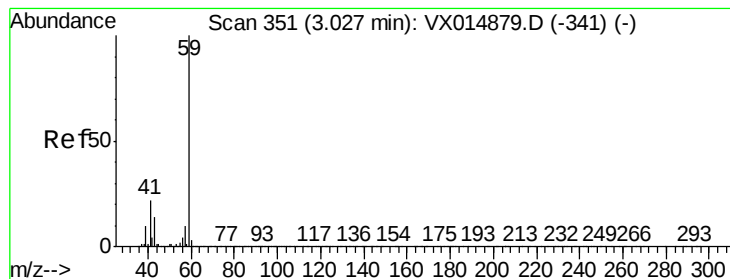
Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion:	142	Resp:	79394
Ion	Ratio	Lower	Upper
142	100		
127	41.0	31.1	46.7
141	14.1	11.3	16.9



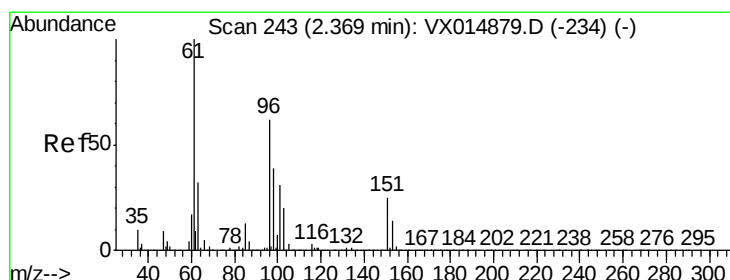
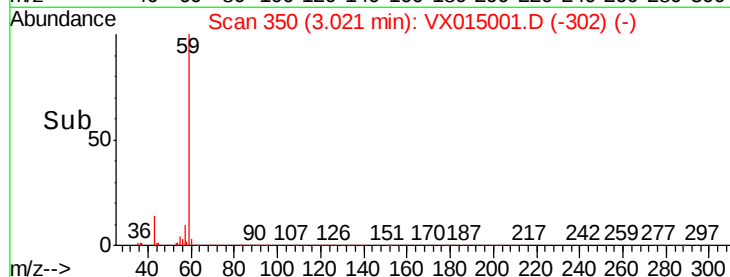
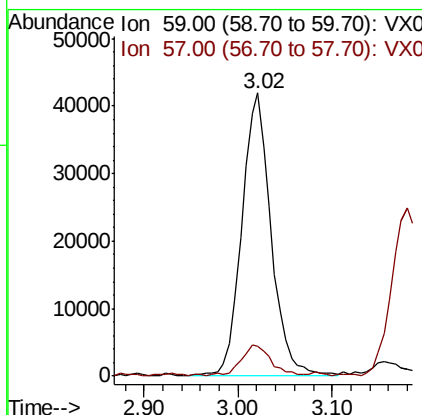
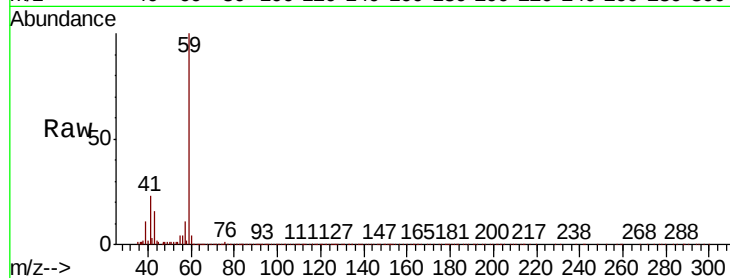


#11

Tert butyl alcohol
 Concen: 109.901 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

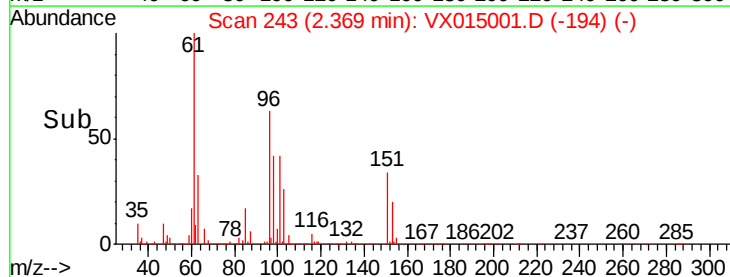
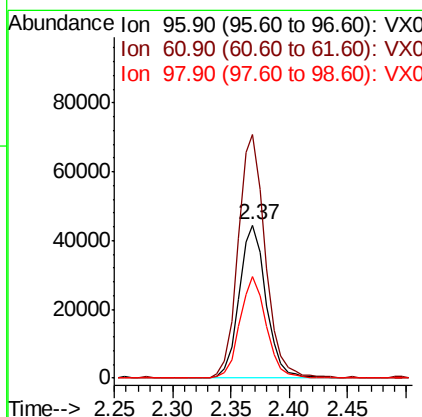
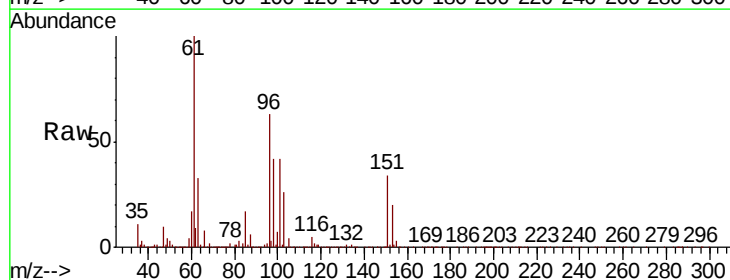
Tot Ion: 59 Resp: 91450
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

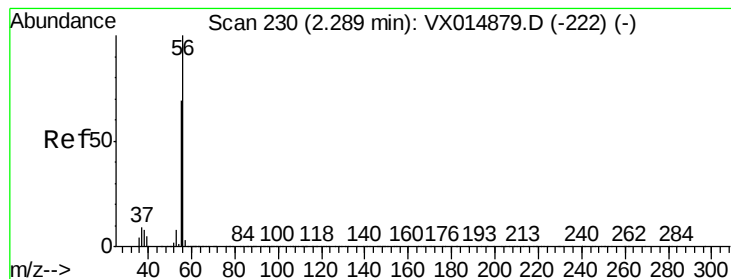


#12

1,1-Dichloroethene
 Concen: 18.571 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Tgt Ion: 96 Resp: 71083
 Ion Ratio Lower Upper
 96 100
 61 159.5 129.5 194.3
 98 66.2 50.6 76.0





#13

Acrolein

Concen: 79.774 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

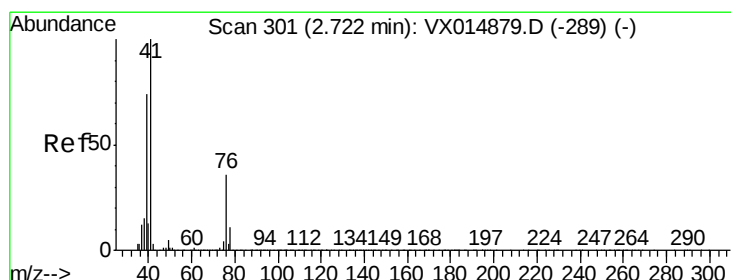
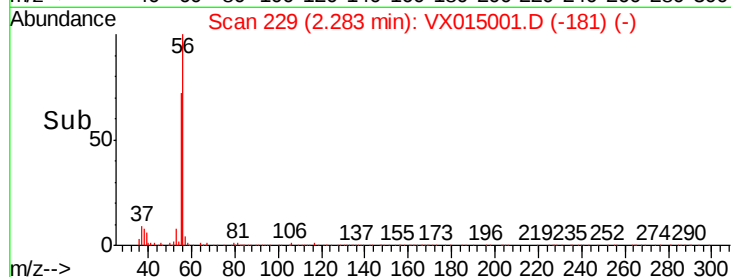
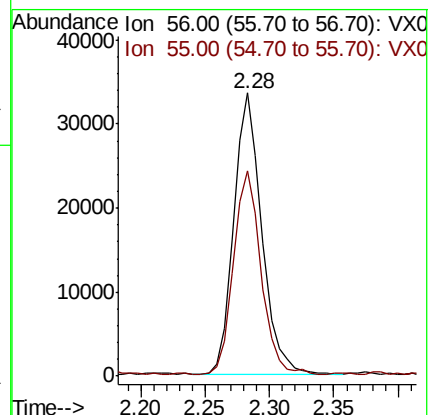
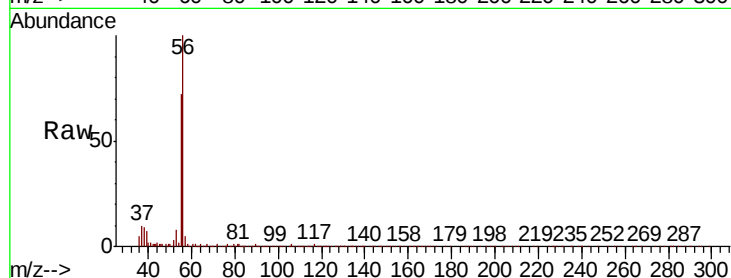
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 50593

Ion Ratio Lower Upper

56 100

55 71.8 55.0 82.4



#14

Allyl chloride

Concen: 19.039 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

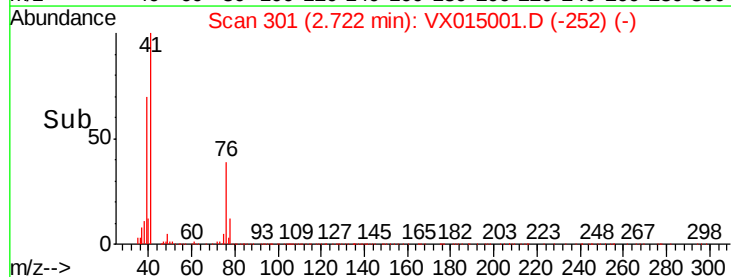
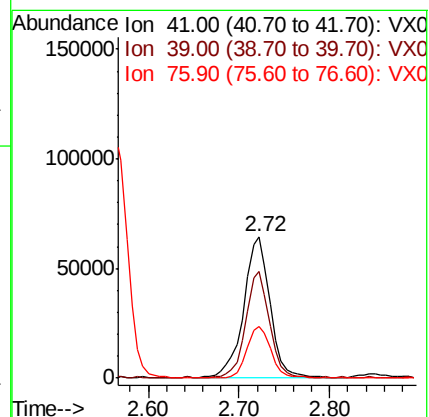
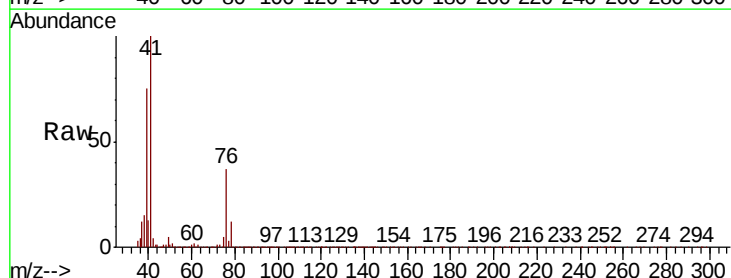
Tgt Ion: 41 Resp: 129202

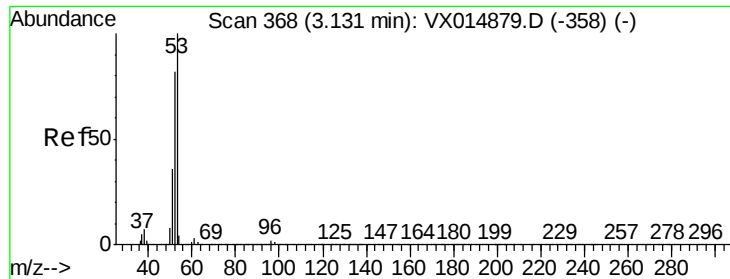
Ion Ratio Lower Upper

41 100

39 67.7 55.2 82.8

76 32.6 26.8 40.2

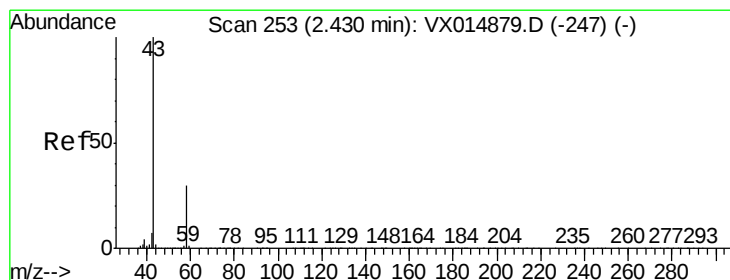
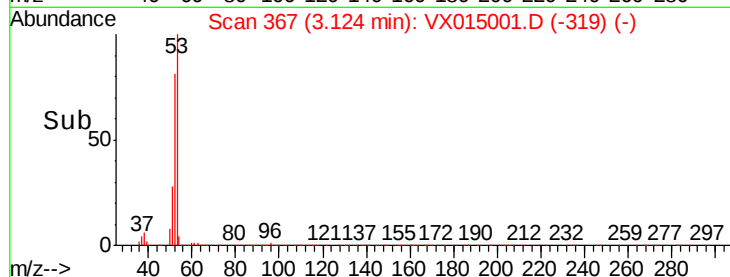
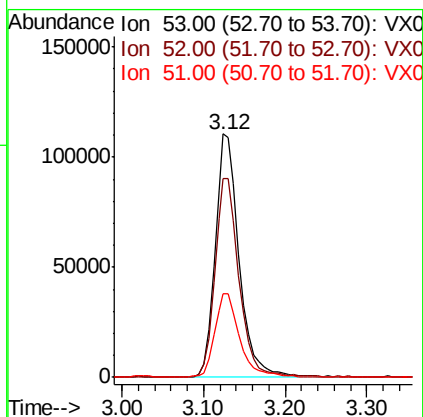
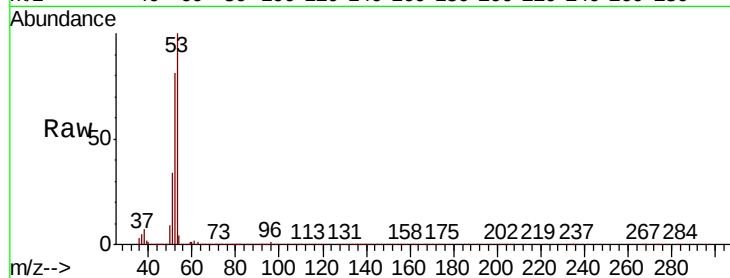




#15
 Acrylonitrile
 Concen: 106.720 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

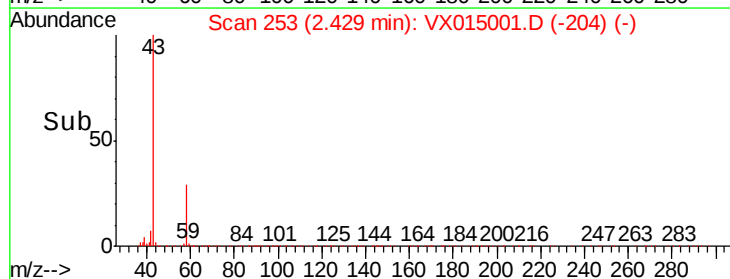
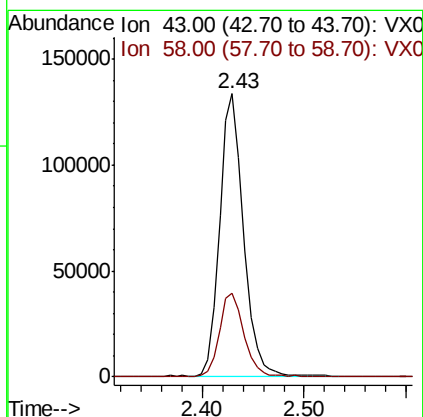
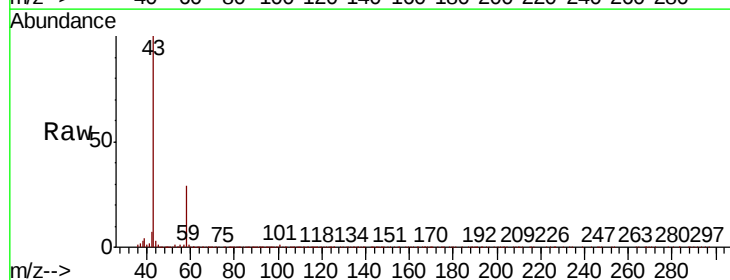
Instrument :
 MSVOA_X
 ClientSampled :

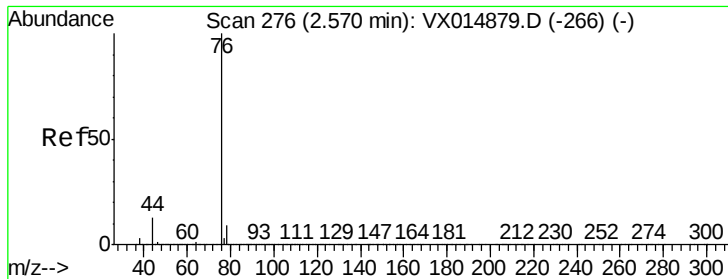
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.6
51	35.8	29.1	43.7



#16
 Acetone
 Concen: 77.491 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.1	36.1

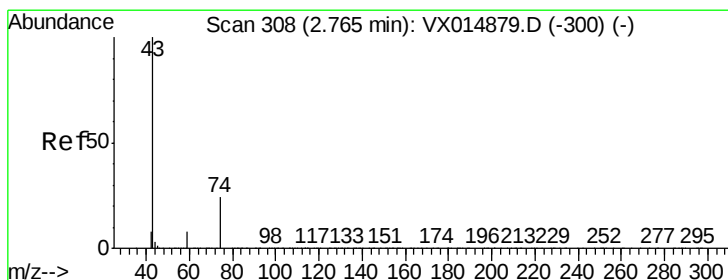
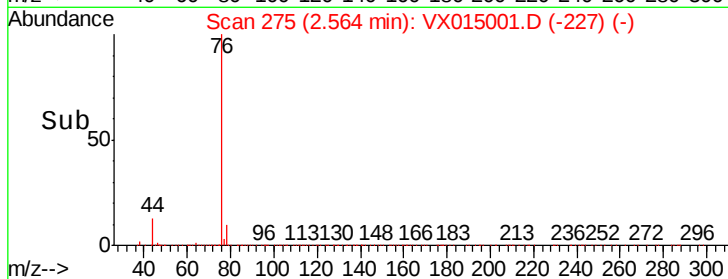
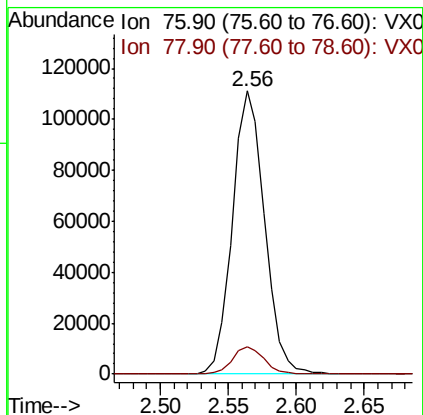
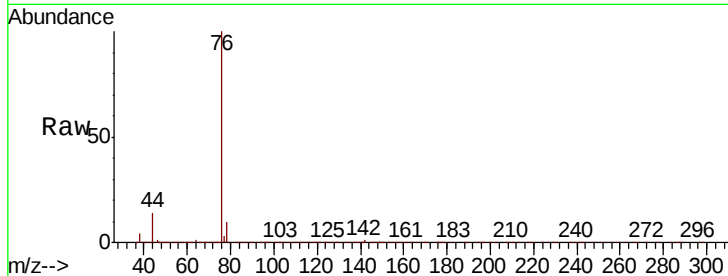




#17
Carbon Disulfide
Concen: 17.024 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

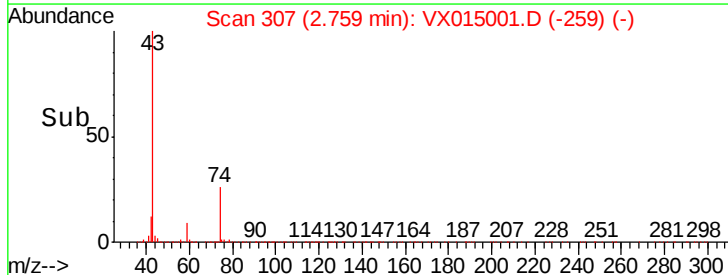
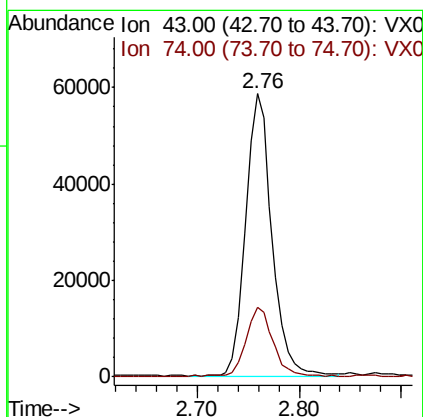
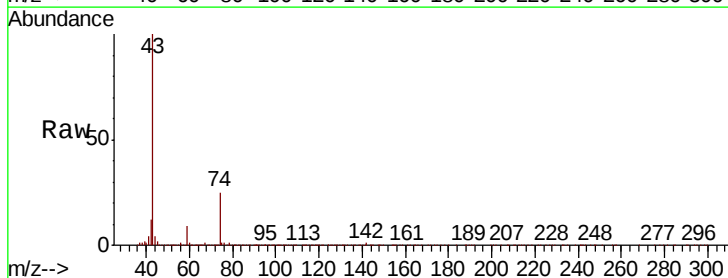
Instrument :
MSVOA_X
ClientSampled :

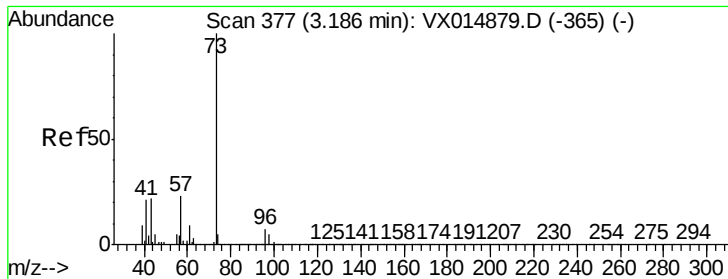
Tot Ion: 76 Resp: 182064
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 22.439 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 43 Resp: 106506
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0

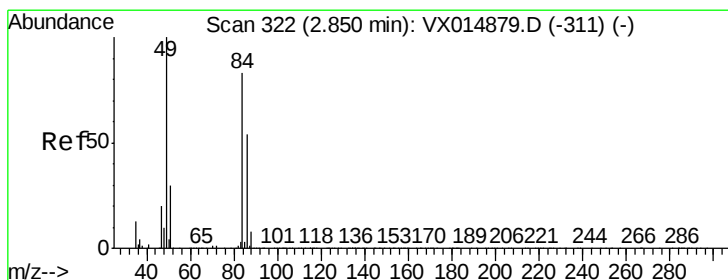
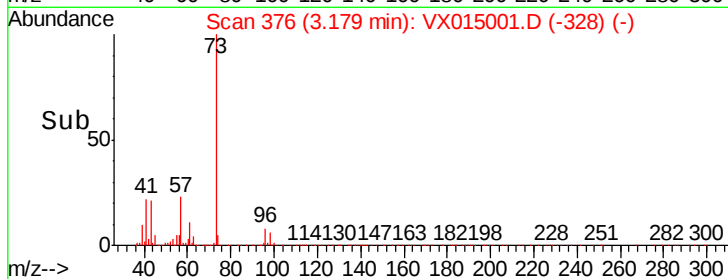
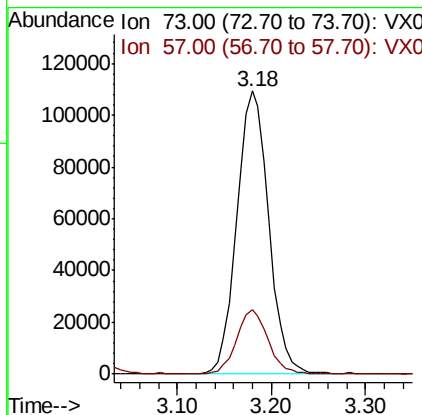
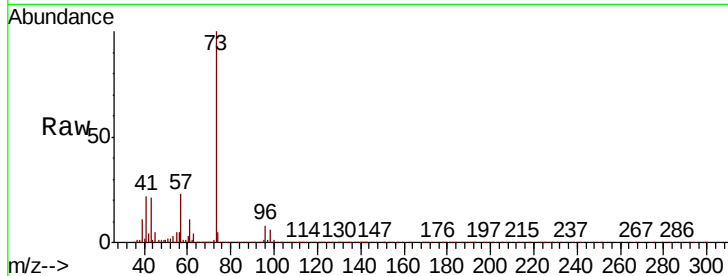




#19
Methvl tert-butvl Ether
Concen: 20.641 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

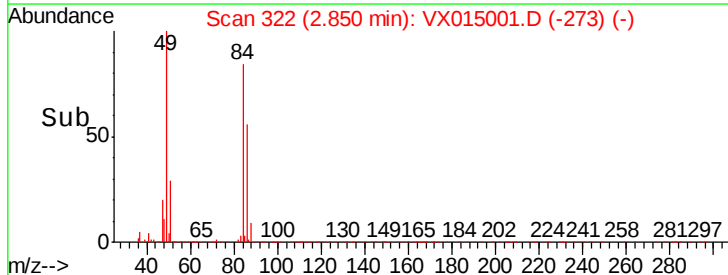
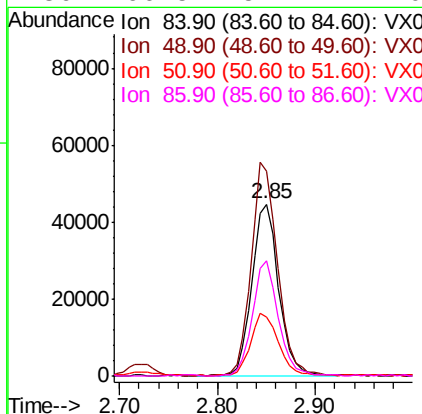
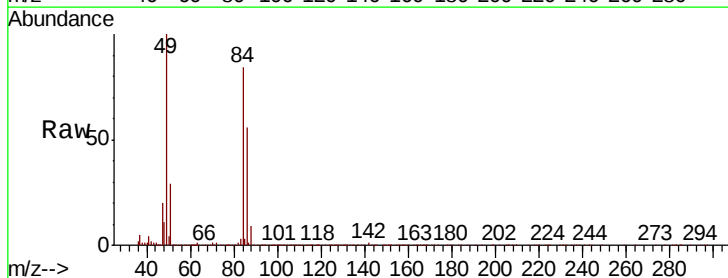
Instrument :
MSVOA_X
ClientSampleId :

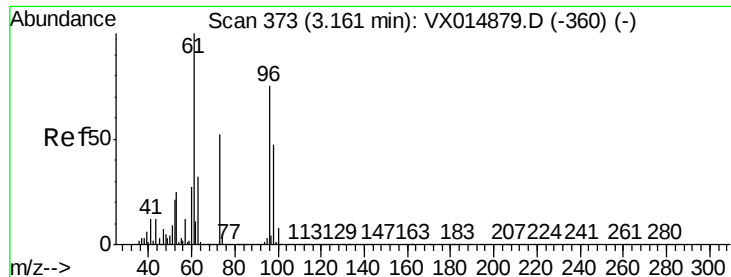
Tot Ion: 73 Resp: 257124
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 18.885 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 84 Resp: 85618
Ion Ratio Lower Upper
84 100
49 118.9 95.6 143.4
51 34.2 29.0 43.6
86 66.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.255 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :

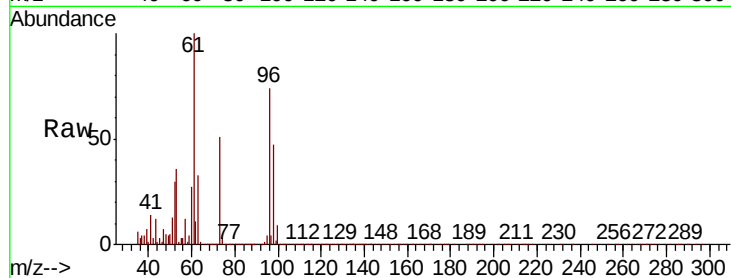
Tot Ion: 96 Resp: 77098

Ion Ratio Lower Upper

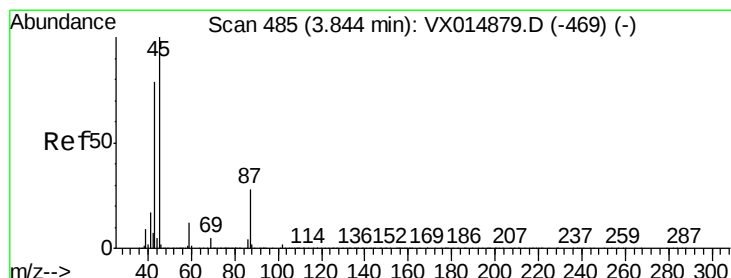
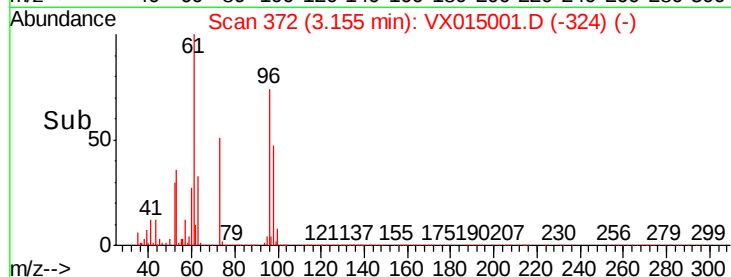
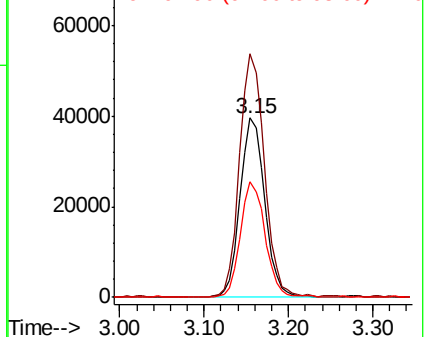
96 100

61 135.8 106.9 160.3

98 63.9 50.7 76.1



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



#22

Diisopropyl ether

Concen: 20.842 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion: 45 Resp: 270137

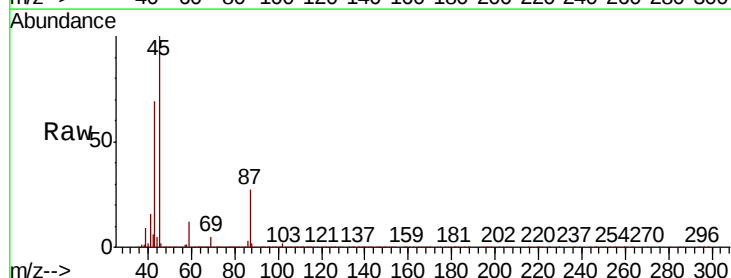
Ion Ratio Lower Upper

45 100

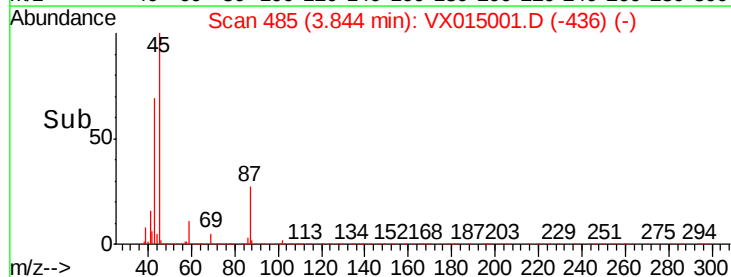
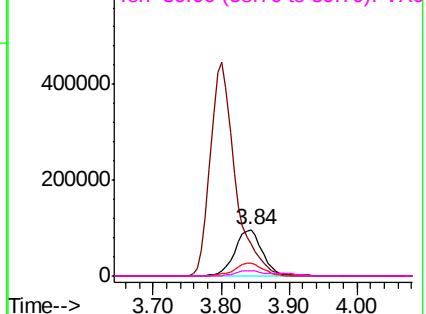
43 68.6 63.5 95.3

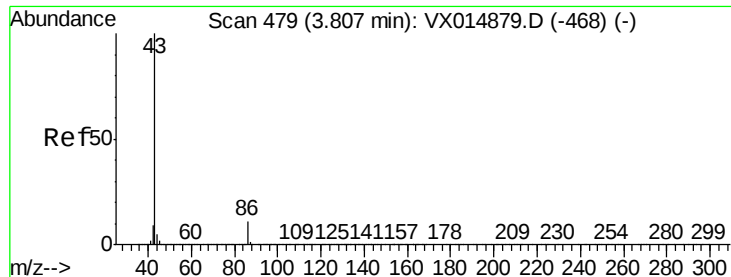
87 27.3 22.2 33.4

59 11.2 9.4 14.0



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





#23

Vinyl Acetate

Concen: 106.988 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

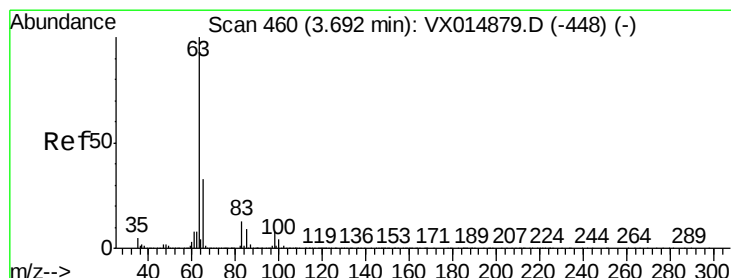
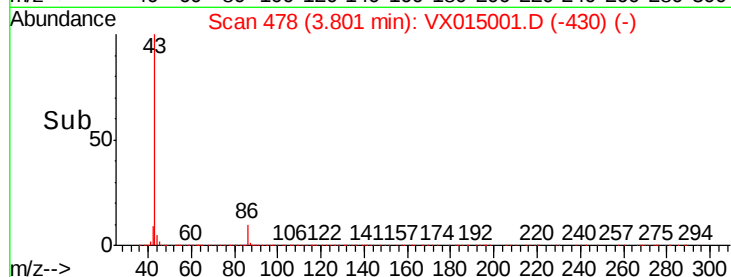
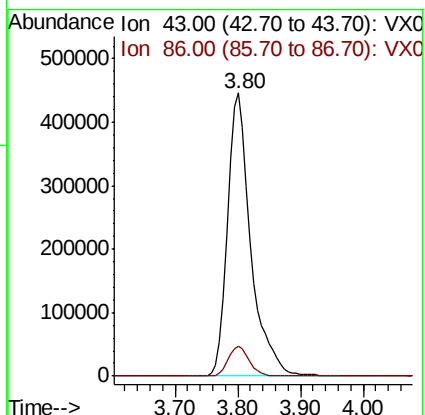
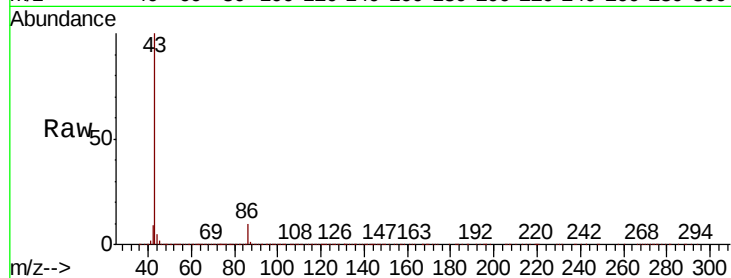
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1143118

Ion Ratio Lower Upper

43 100

86 10.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.534 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

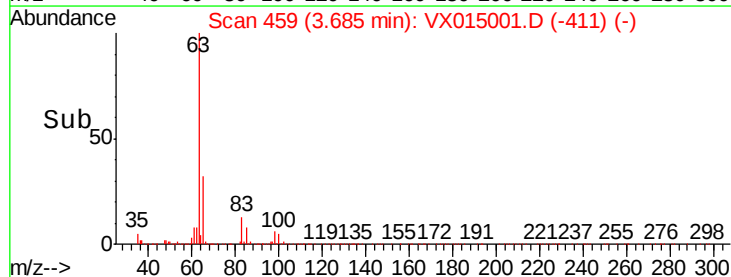
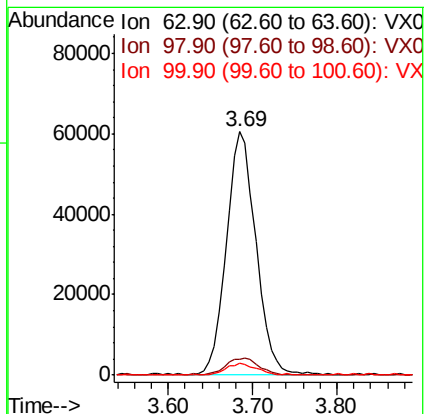
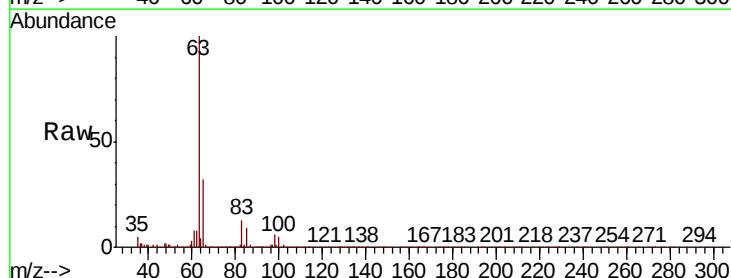
Tgt Ion: 63 Resp: 142889

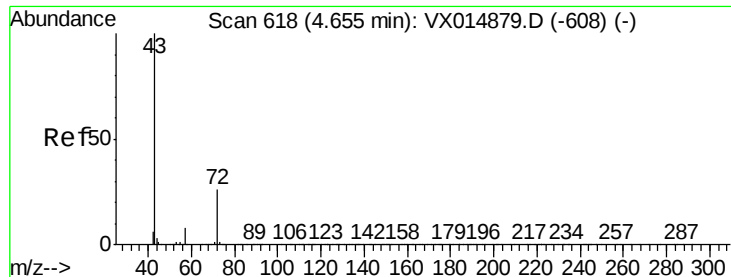
Ion Ratio Lower Upper

63 100

98 6.2 3.9 11.5

100 4.5 2.2 6.6

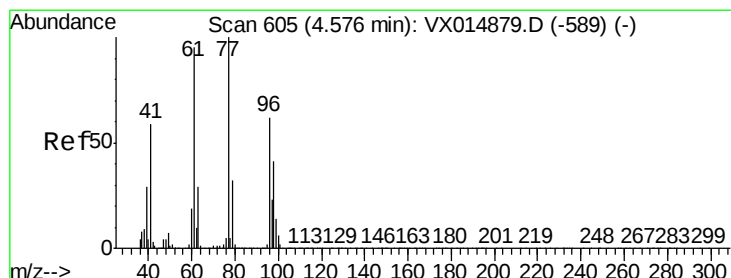
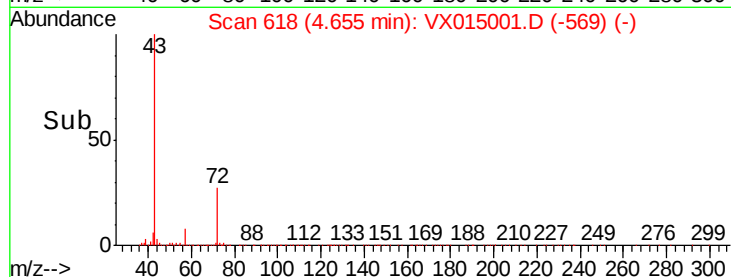
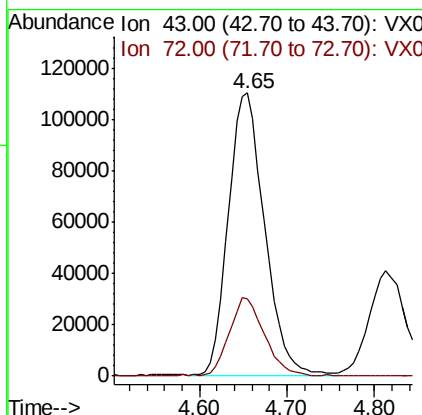
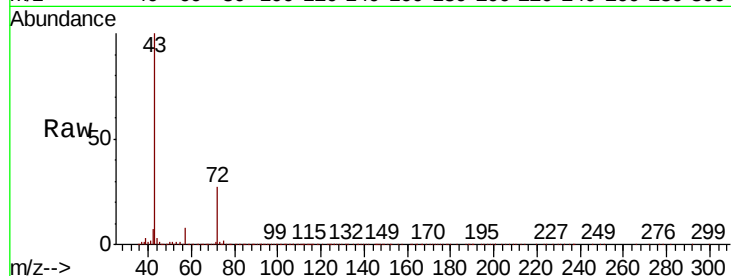




#25
2-Butanone
Concen: 98.651 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

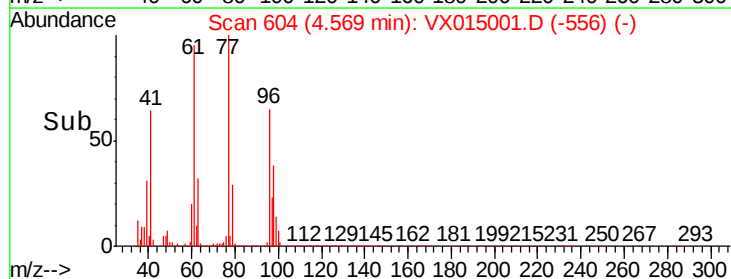
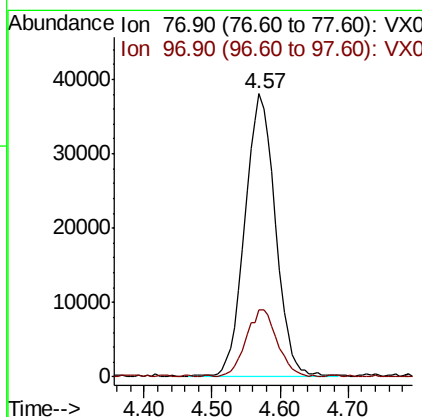
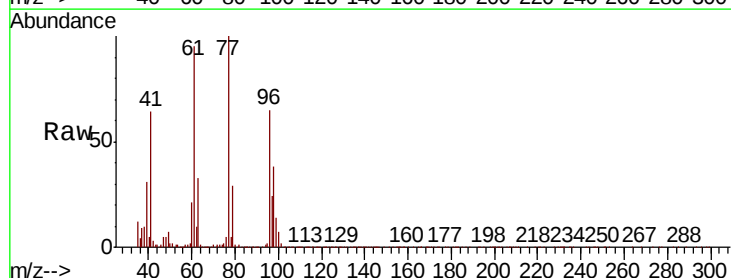
Instrument :
MSVOA_X
ClientSampleId :

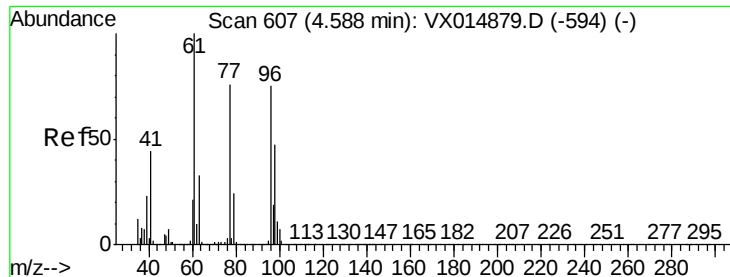
Tot Ion: 43 Resp: 316520
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 18.808 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 77 Resp: 118564
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5



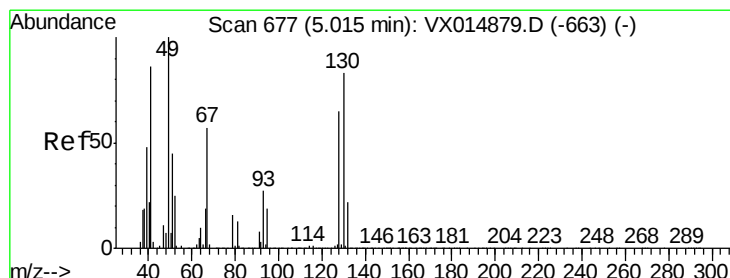
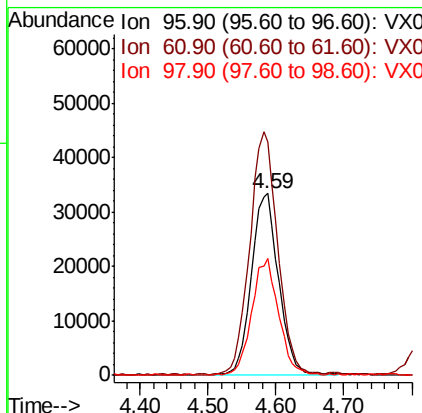
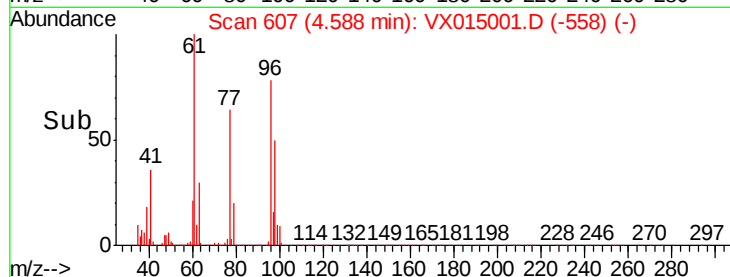
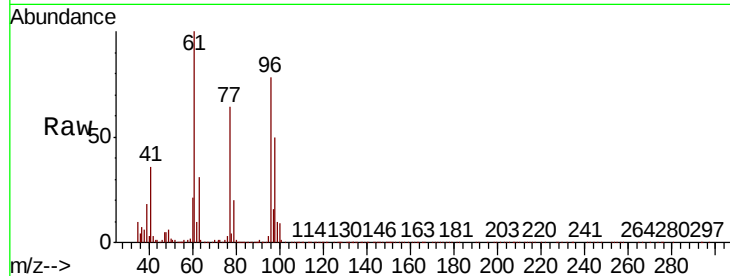


#27

cis-1,2-Dichloroethene
Concen: 19.889 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :

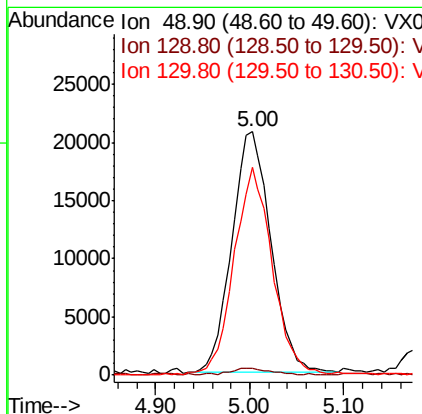
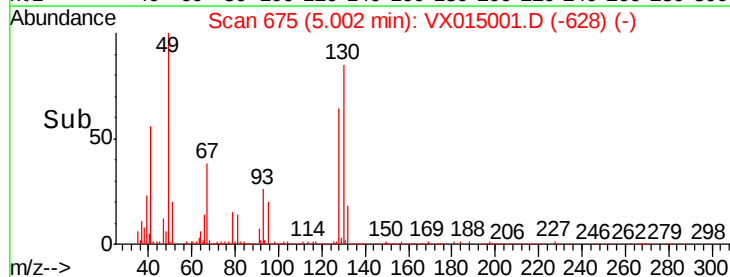
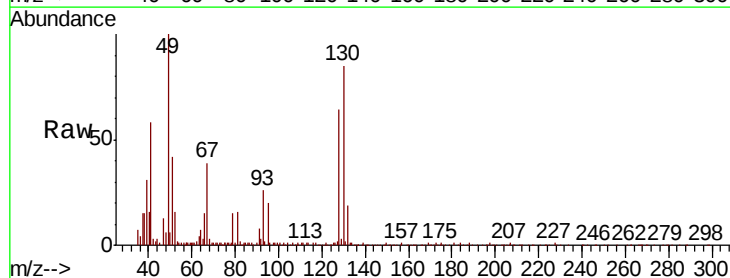
Tot Ion	96	Resp	93900
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	286.2
98	62.7	0.0	131.0

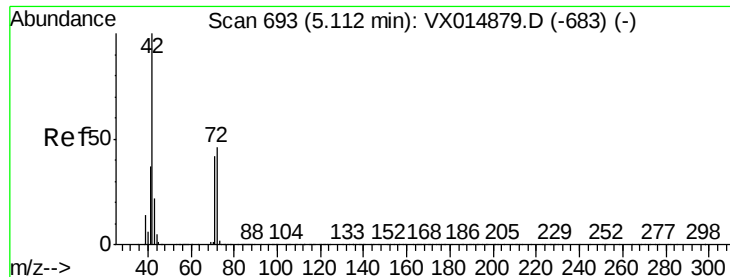


#28

Bromochloromethane
Concen: 21.216 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion	49	Resp	60156
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	84.4	67.4	101.2





#29

Tetrahydrofuran

Concen: 106.795 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

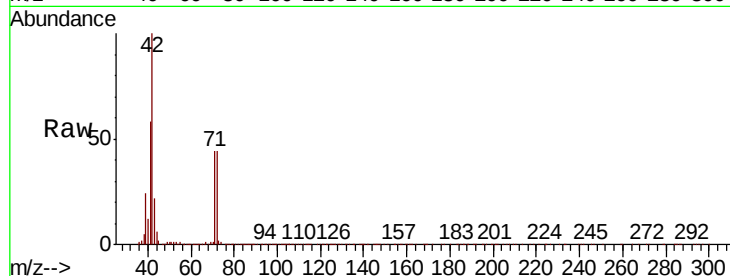
Tot Ion: 42 Resp: 194784

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

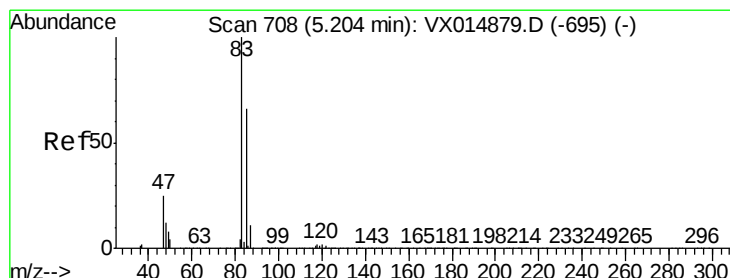
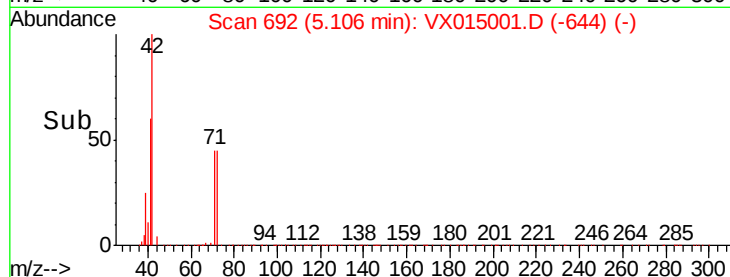
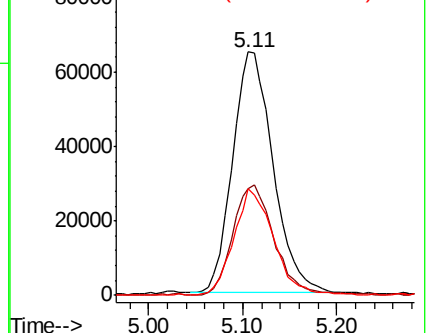
71 42.5 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.160 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015001.D

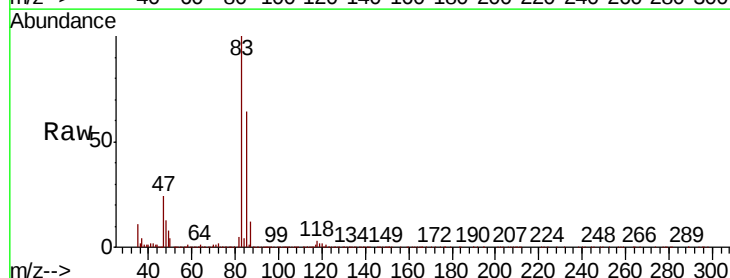
Acq: 24 Feb 2020 11:34

Tgt Ion: 83 Resp: 146313

Ion Ratio Lower Upper

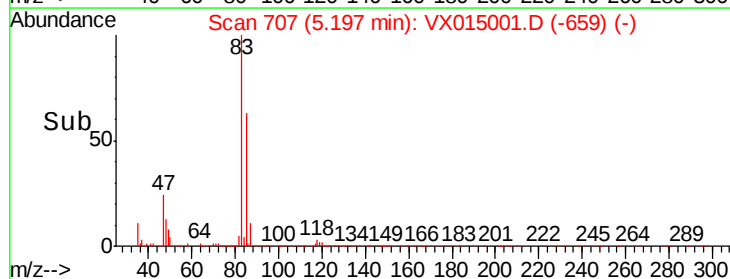
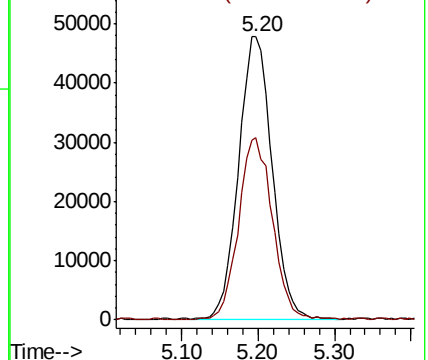
83 100

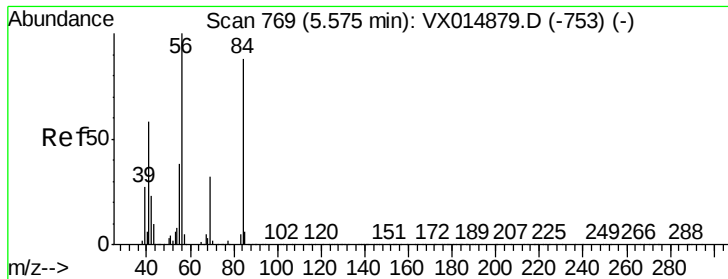
85 64.0 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

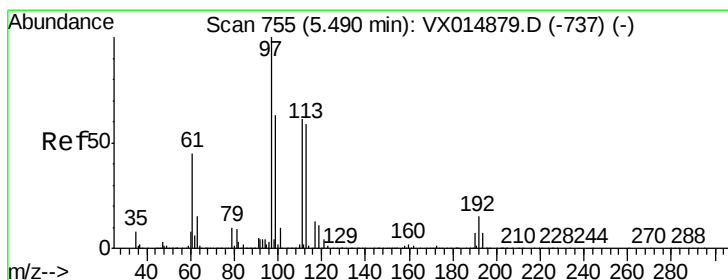
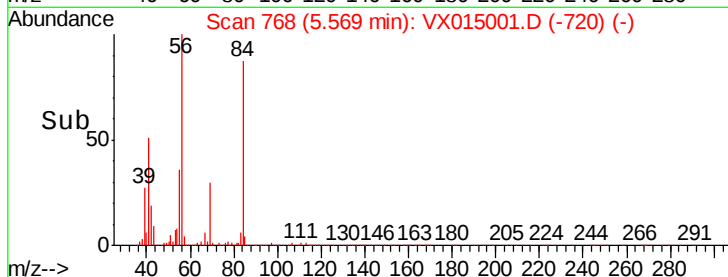
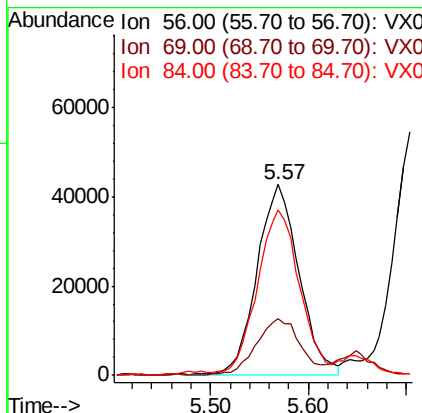
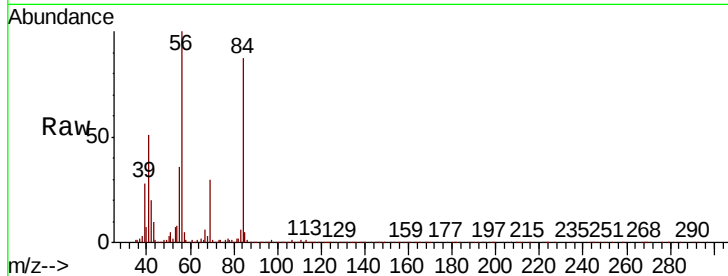




#31
Cyclohexane
Concen: 18.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

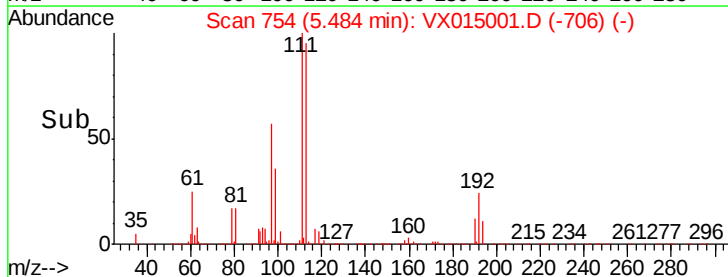
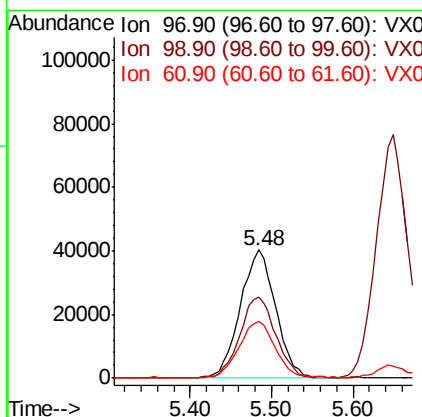
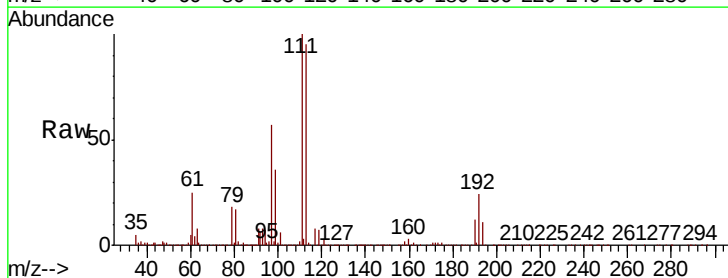
Instrument :
MSVOA_X
ClientSampleId :

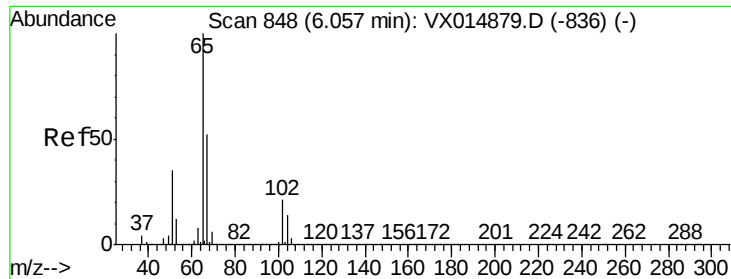
Tot Ion: 56 Resp: 126193
Ion Ratio Lower Upper
56 100
69 29.5 25.9 38.9
84 85.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.977 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 97 Resp: 120478
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.520 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

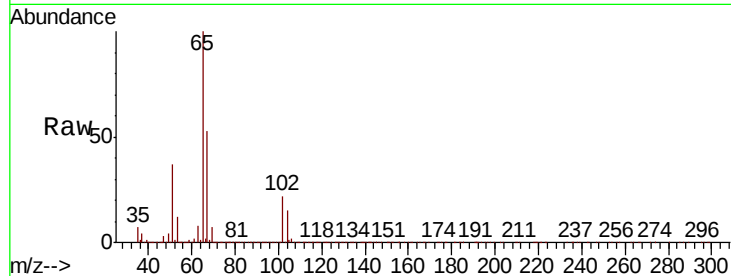
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 238090

Ion Ratio Lower Upper

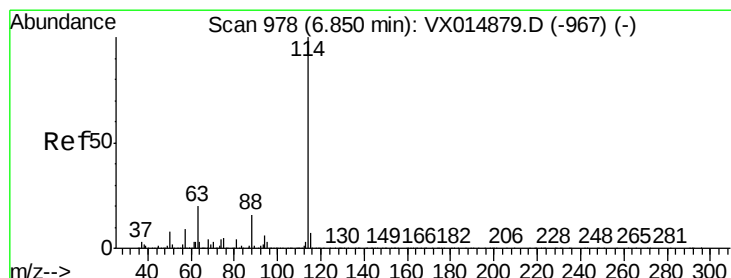
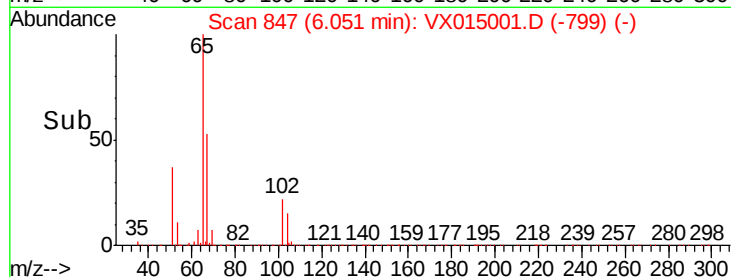
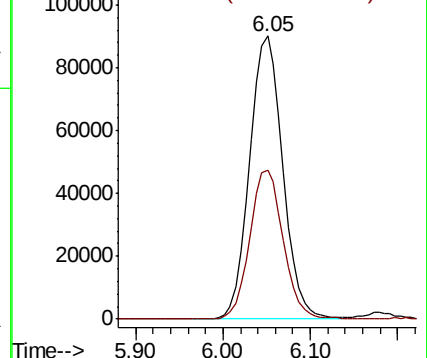
65 100

67 52.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

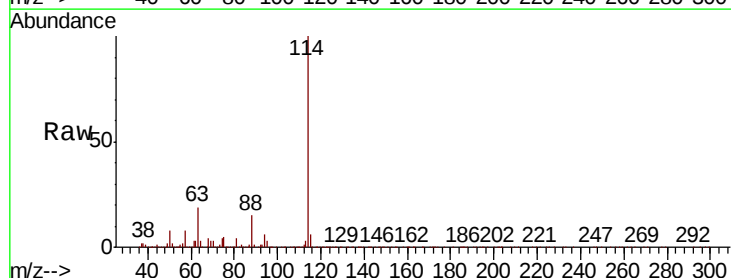
Tgt Ion: 114 Resp: 618959

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

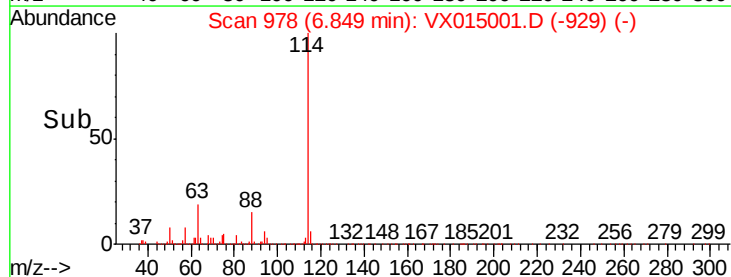
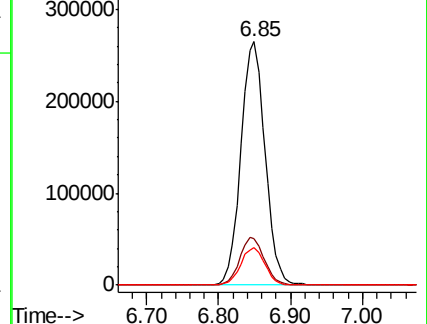
88 15.4 0.0 32.0

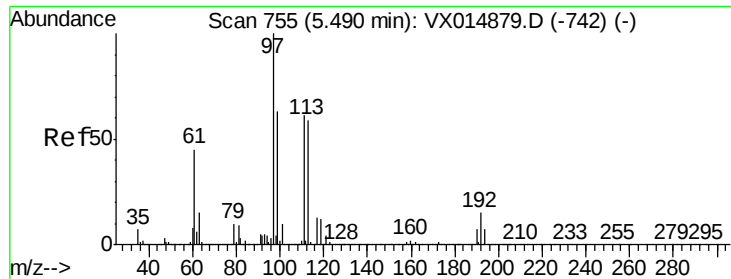


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

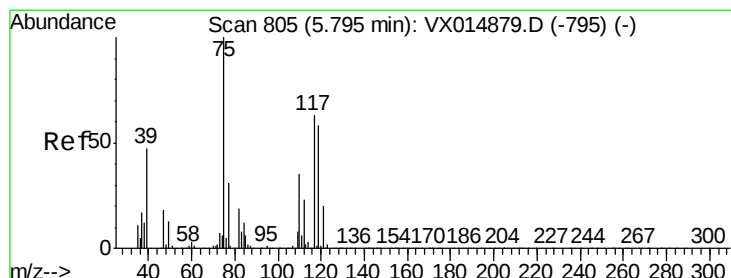
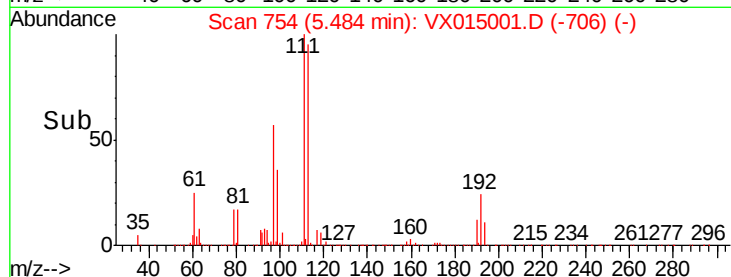
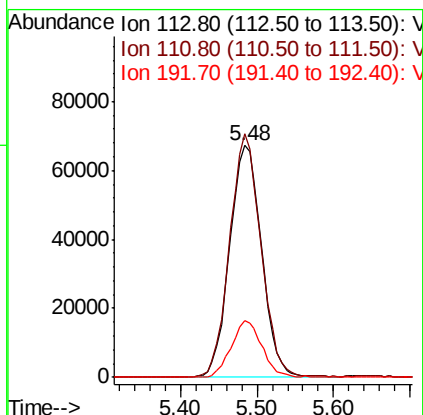
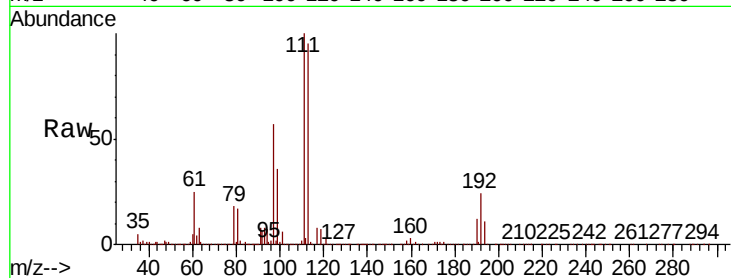




#35
Dibromofluoromethane
Concen: 51.026 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

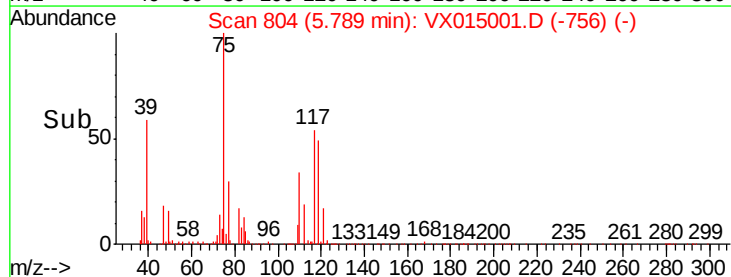
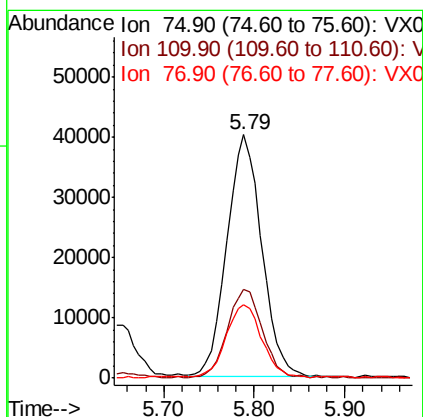
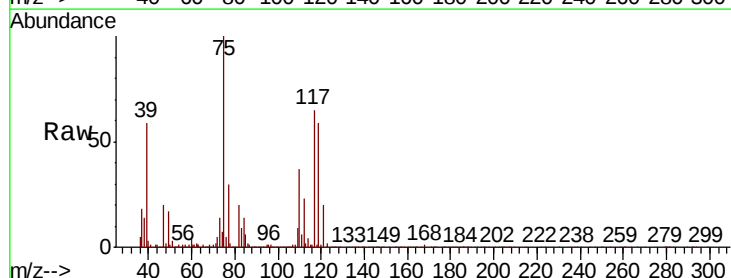
Instrument :
MSVOA_X
ClientSampleId :

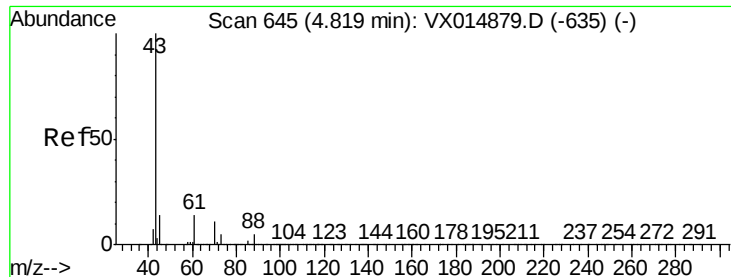
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.8	19.1	28.7



#36
1,1-Dichloropropene
Concen: 19.442 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.8
77	30.0	24.6	36.8

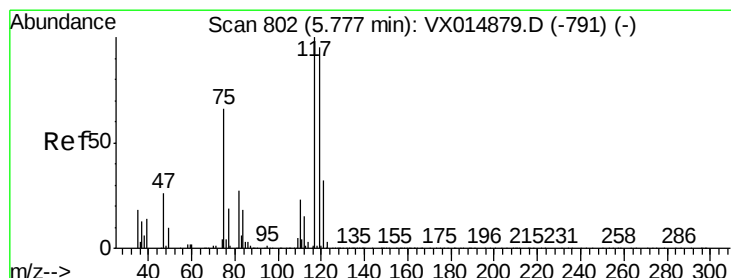
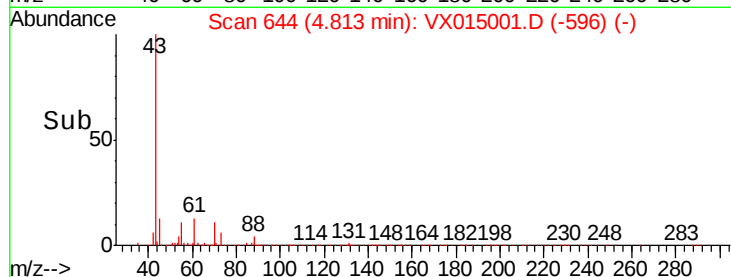
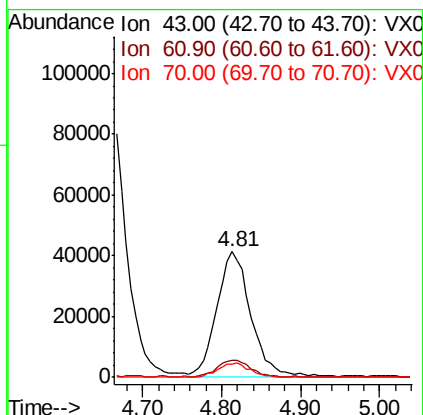
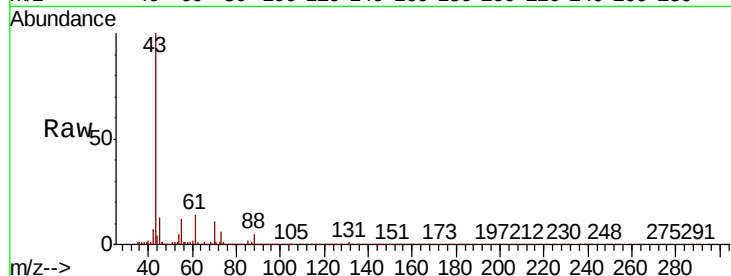




#37
Ethyl Acetate
Concen: 21.152 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

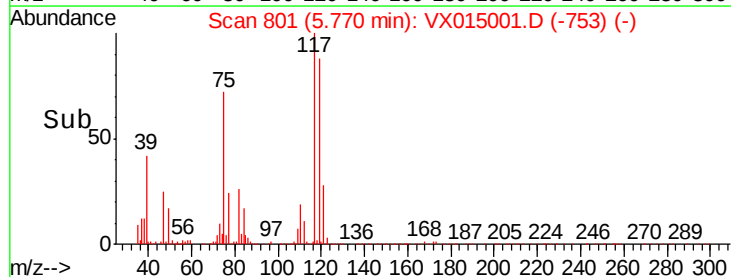
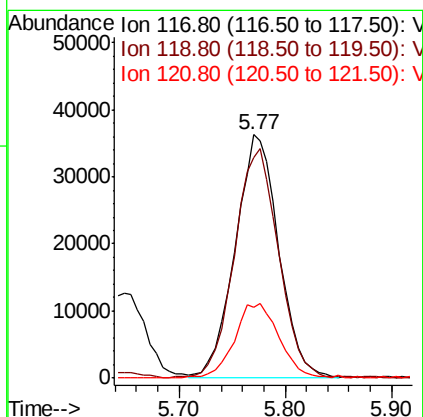
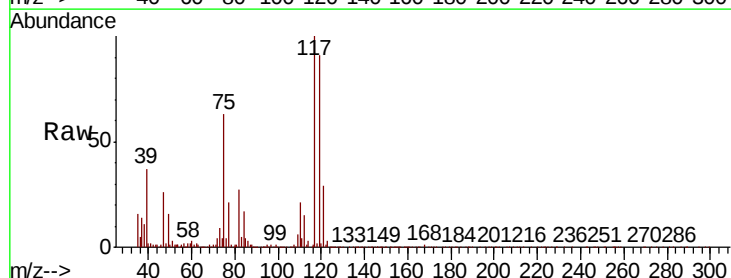
Instrument :
MSVOA_X
ClientSampled :

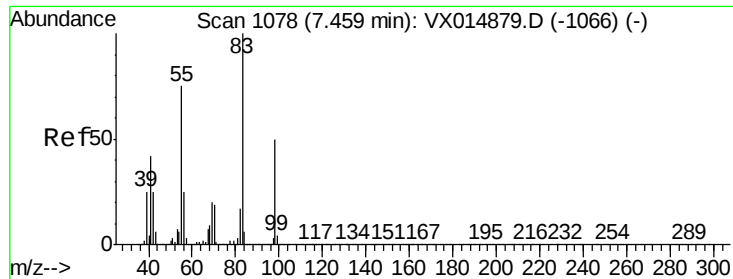
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.9	16.3
70	10.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 19.075 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.0	114.0
121	28.7	25.4	38.2

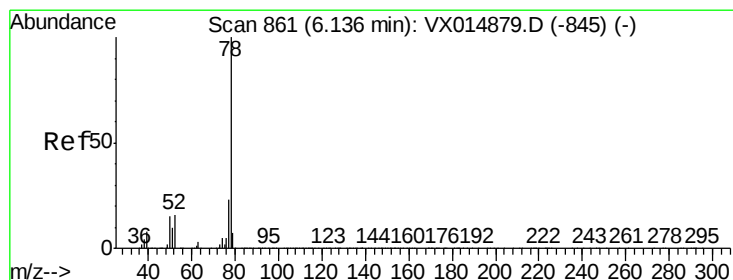
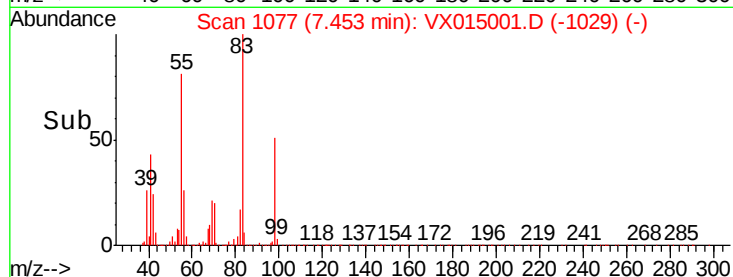
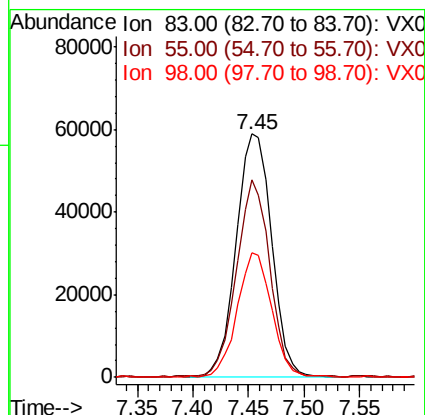
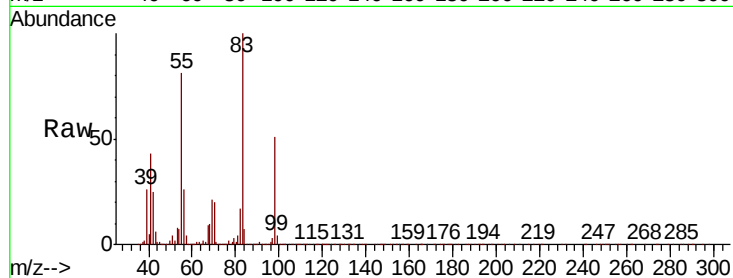




#39
Methvlcvclohexane
Concen: 18.750 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

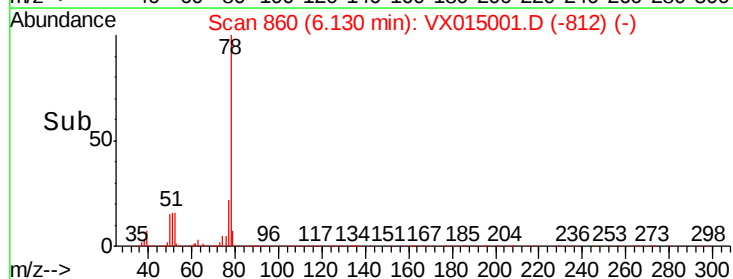
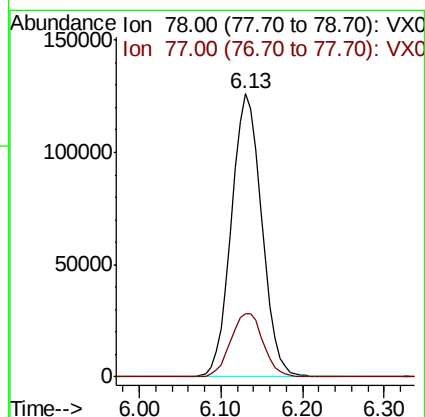
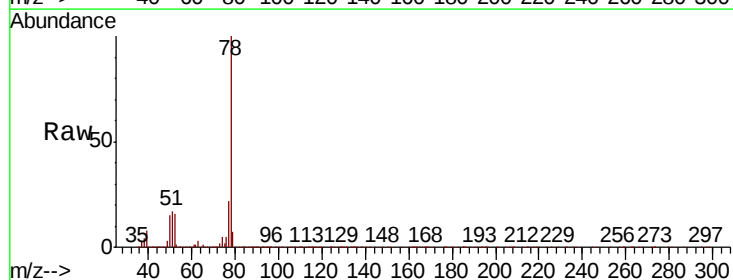
Instrument :
MSVOA_X
ClientSampleId :

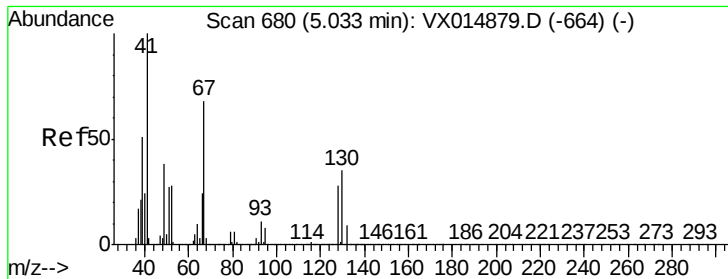
Tot Ion	83	Resp	129836
Ion Ratio	Lower	Upper	
83	100		
55	80.8	60.0	90.0
98	50.9	39.6	59.4



#40
Benzene
Concen: 19.551 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion	78	Resp	323431
Ion Ratio	Lower	Upper	
78	100		
77	22.2	18.8	28.2





#41

Methacrylonitrile

Concen: 21.195 ug/l

RT: 5.02 min Scan# 678

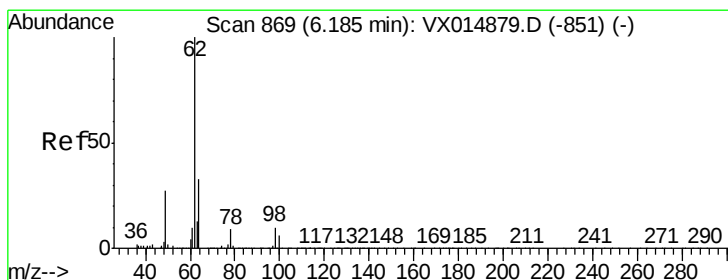
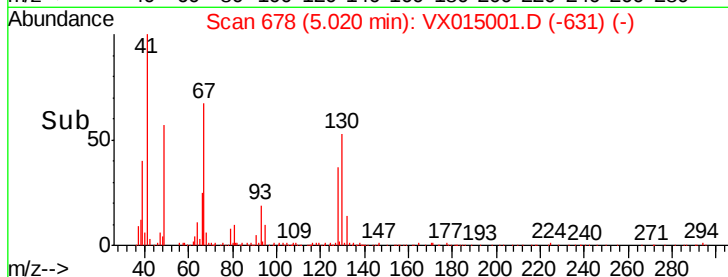
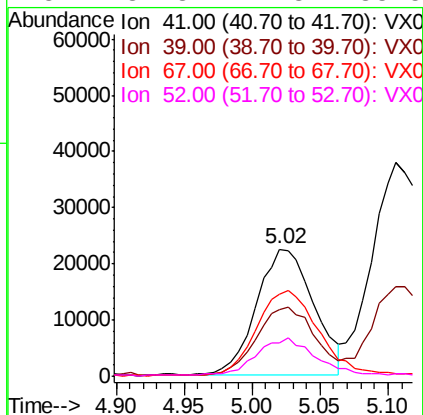
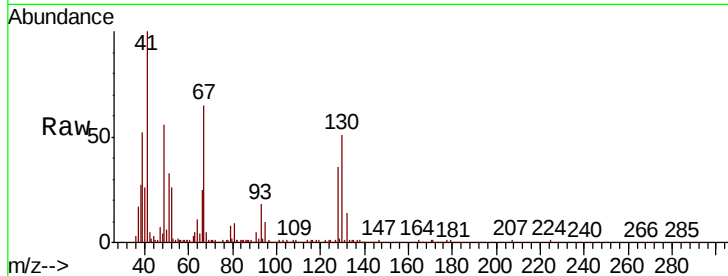
Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	65936
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.7	67.1
67	73.1	56.6	84.8
52	31.3	22.3	33.5



#42

1,2-Dichloroethane

Concen: 20.112 ug/l

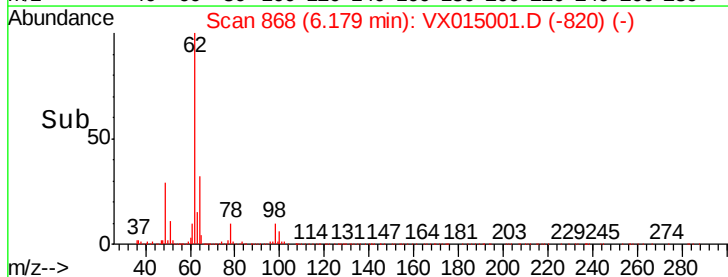
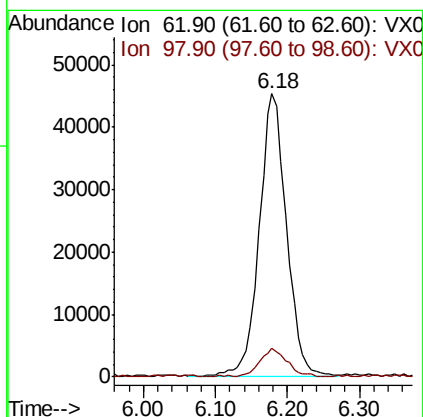
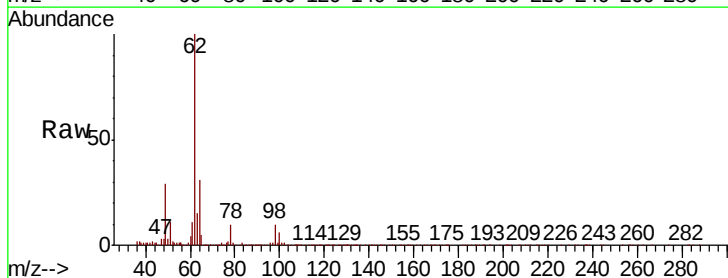
RT: 6.18 min Scan# 868

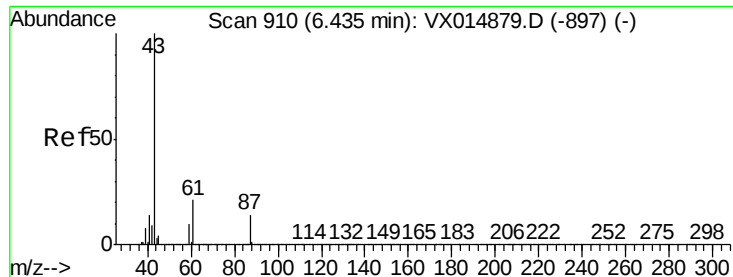
Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion:	62	Resp:	120254
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.702 ug/l

RT: 6.43 min Scan# 909

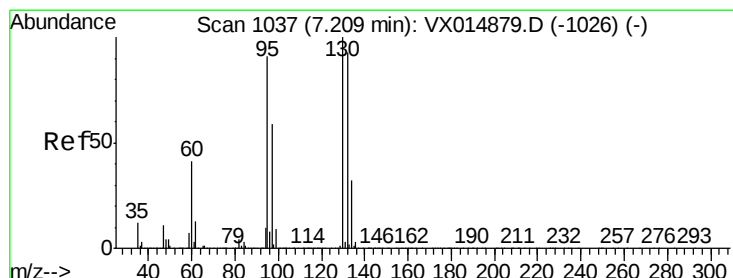
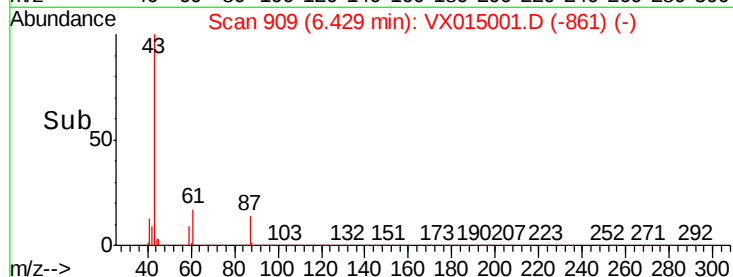
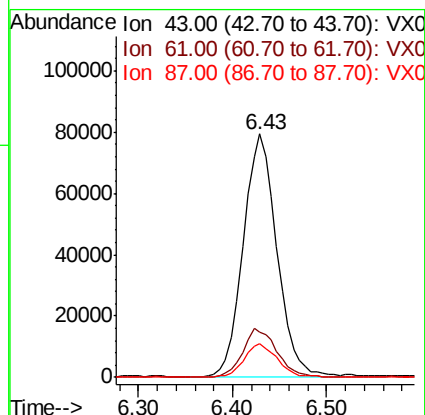
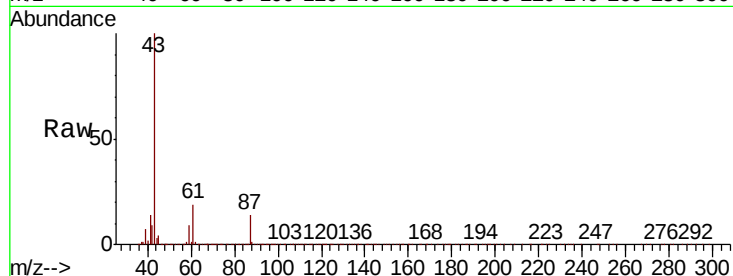
Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	43	Resp:	197216
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.7	11.0	16.6



#44

Trichloroethene

Concen: 19.066 ug/l

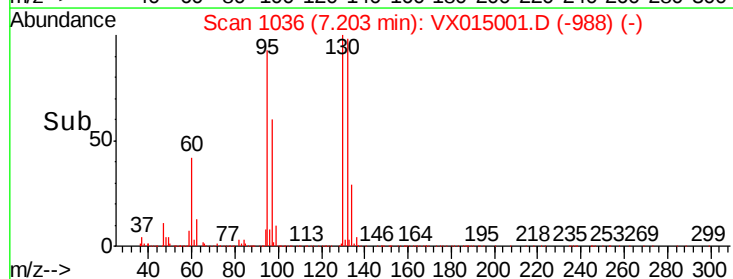
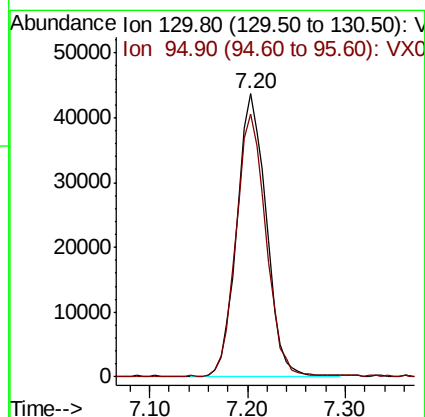
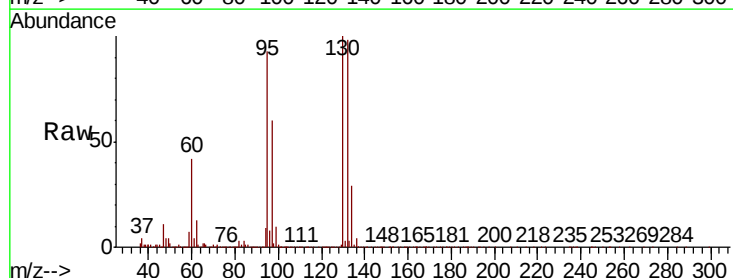
RT: 7.20 min Scan# 1036

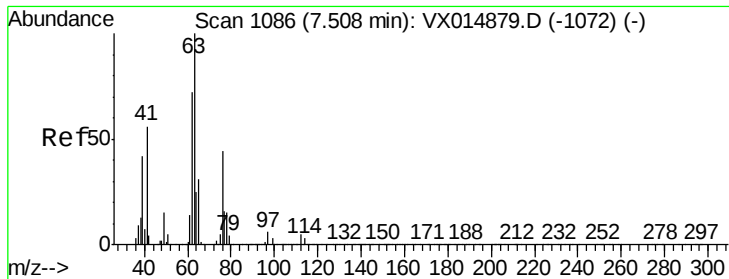
Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion:	130	Resp:	91562
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	182.6

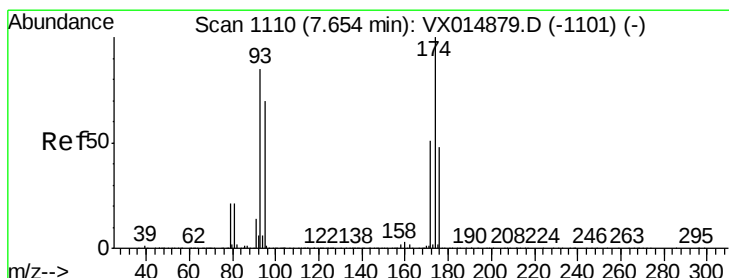
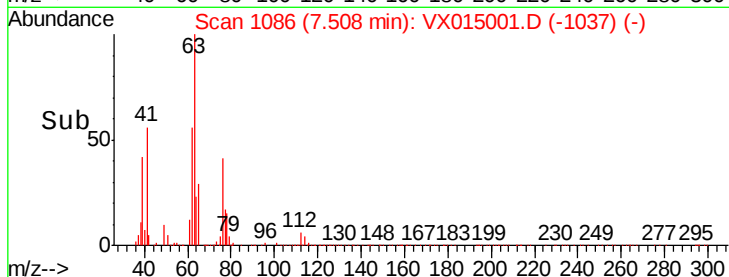
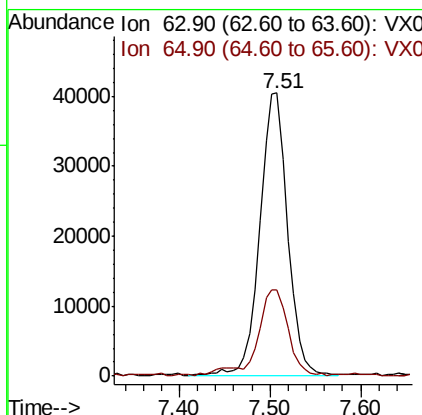
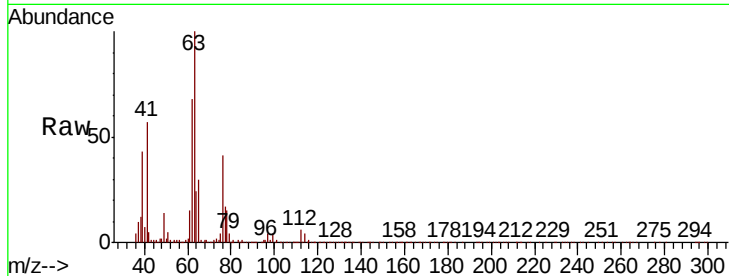




#45
 1,2-Dichloropropane
 Concen: 20.460 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

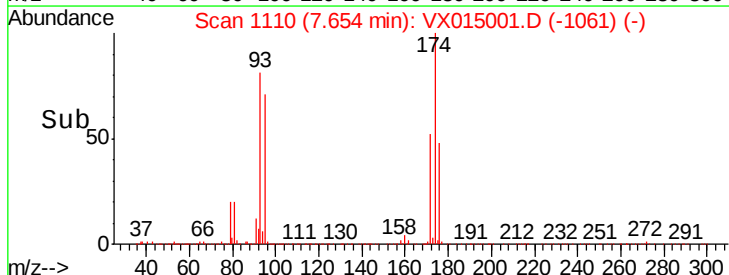
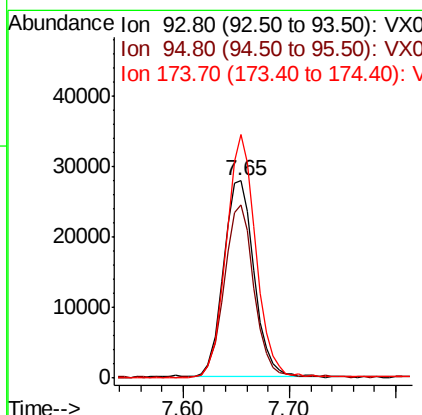
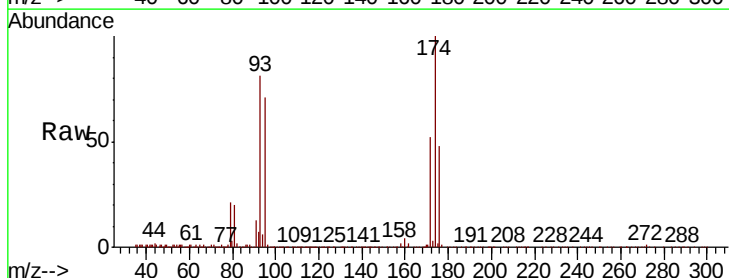
Instrument :
 MSVOA_X
 ClientSampleId :

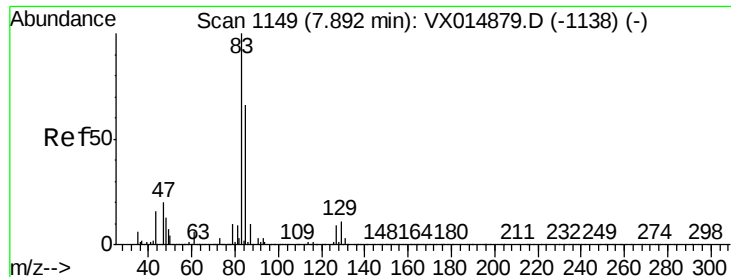
Tot Ion: 63 Resp: 86322
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3



#46
 Dibromomethane
 Concen: 19.446 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Tgt Ion: 93 Resp: 56079
 Ion Ratio Lower Upper
 93 100
 95 86.7 65.8 98.8
 174 121.7 95.4 143.2





#47

Bromodichloromethane

Concen: 19.485 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

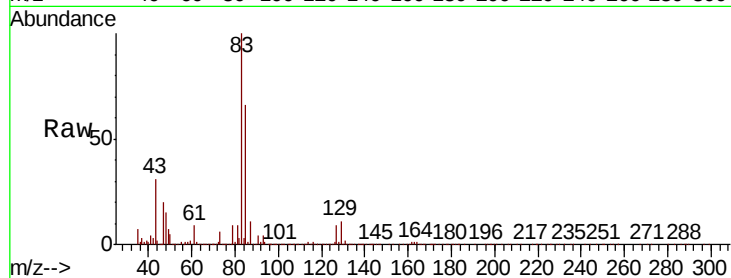
Tot Ion: 83 Resp: 111416

Ion Ratio Lower Upper

83 100

85 66.1 52.5 78.7

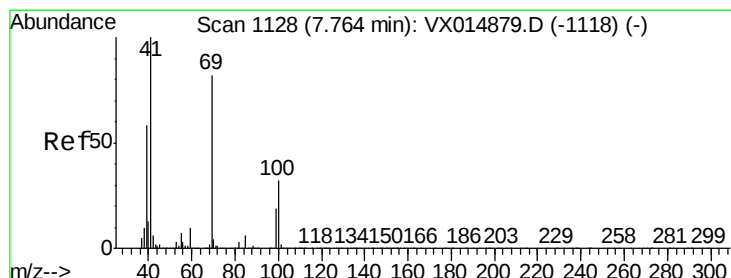
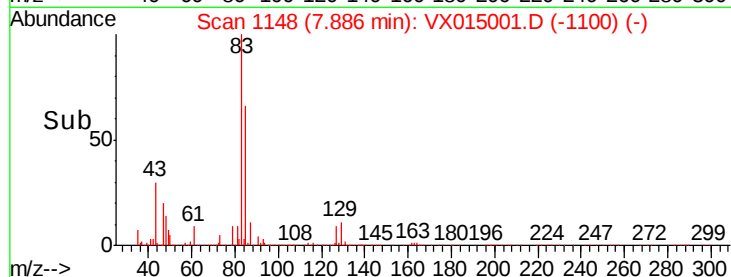
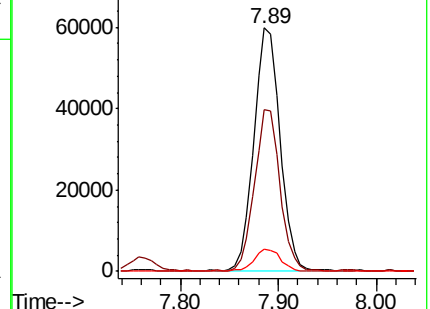
127 8.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.614 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

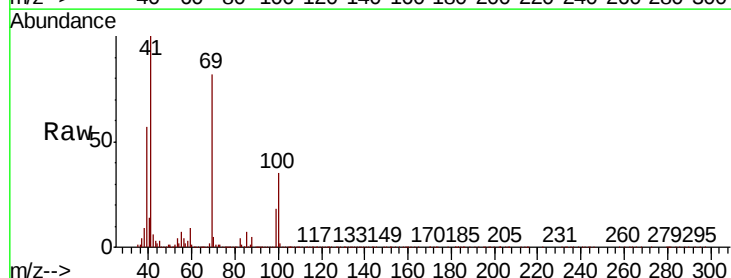
Tgt Ion: 41 Resp: 96641

Ion Ratio Lower Upper

41 100

69 82.6 65.7 98.5

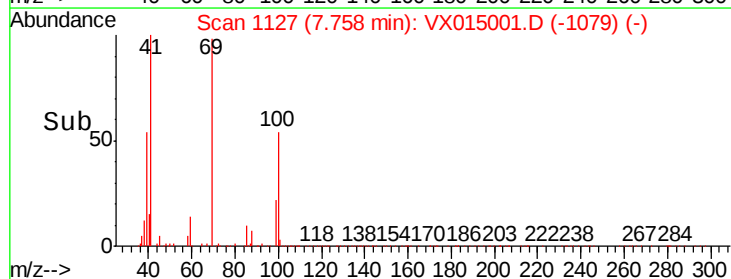
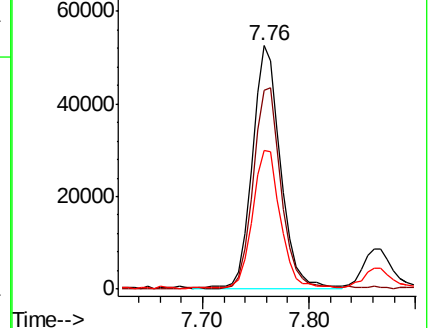
39 56.6 45.8 68.8

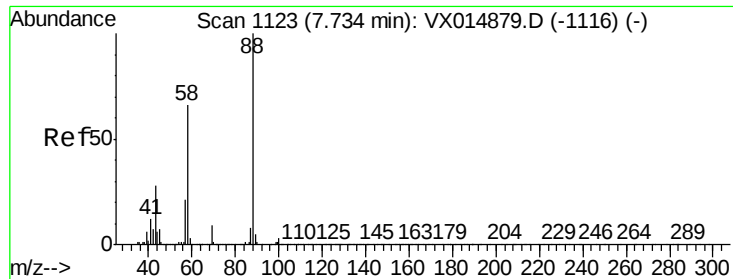


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 449.767 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

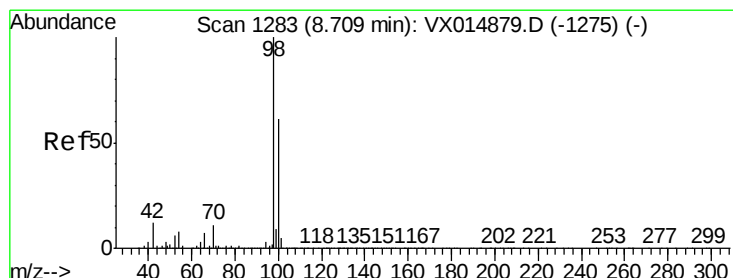
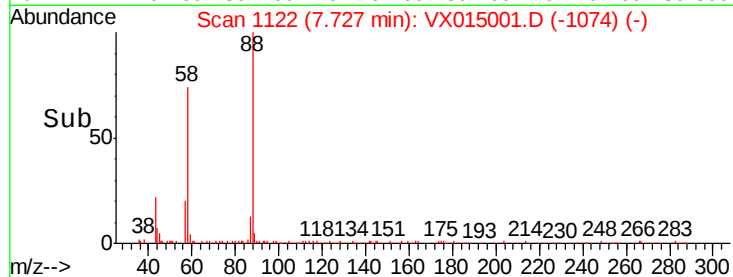
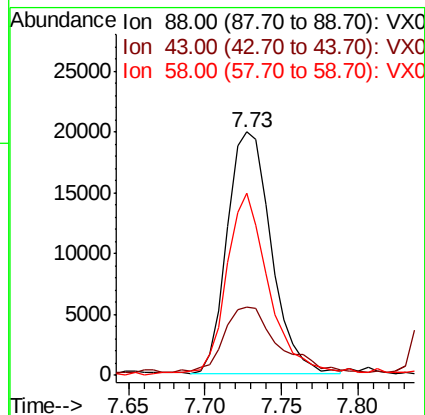
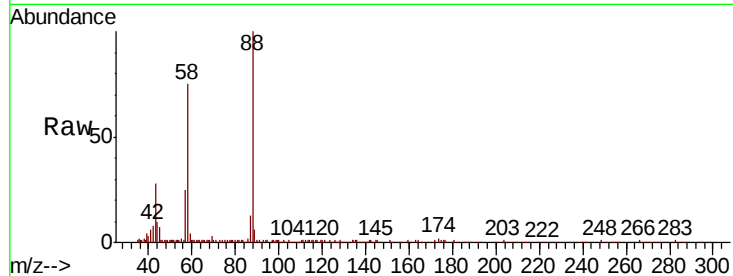
Tot Ion: 88 Resp: 39424

Ion Ratio Lower Upper

88 100

43 33.6 27.0 40.4

58 73.9 53.2 79.8



#50

Toluene-d8

Concen: 50.510 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015001.D

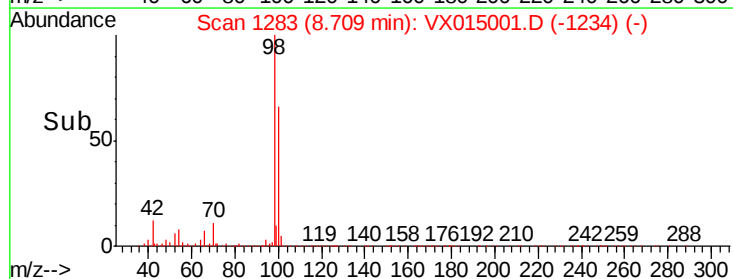
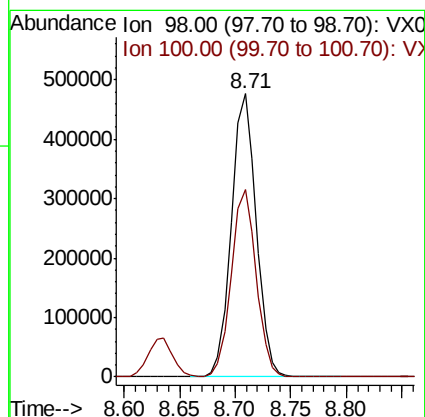
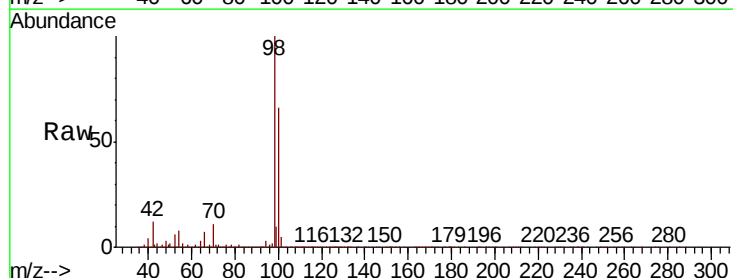
Acq: 24 Feb 2020 11:34

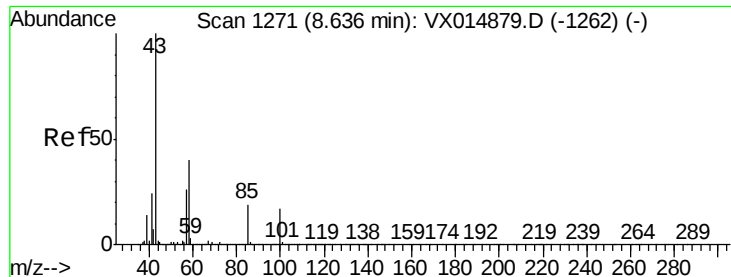
Tgt Ion: 98 Resp: 733644

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 107.925 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

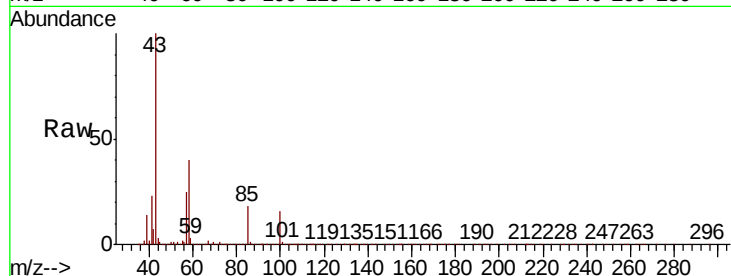
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 620799

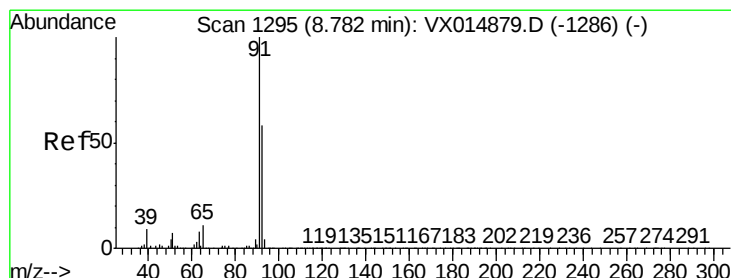
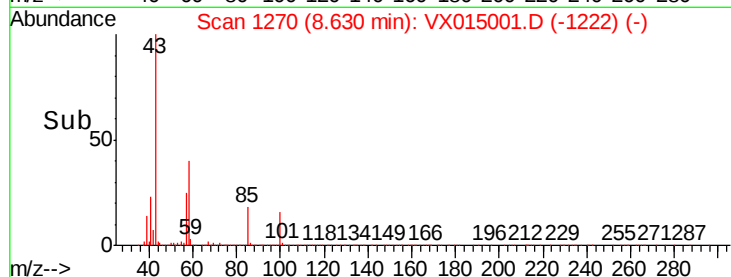
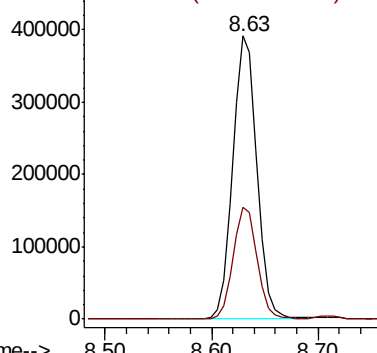
Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



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



#52

Toluene

Concen: 19.746 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015001.D

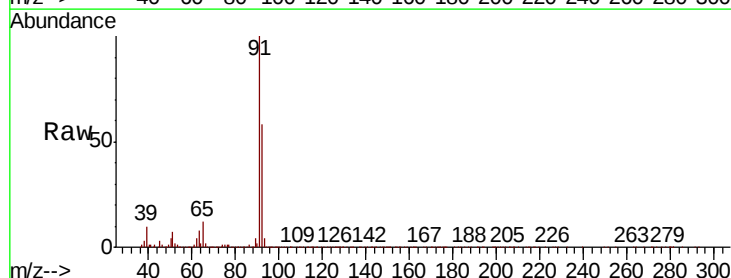
Acq: 24 Feb 2020 11:34

Tgt Ion: 92 Resp: 207476

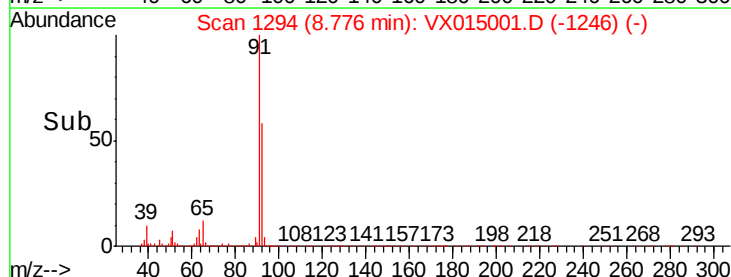
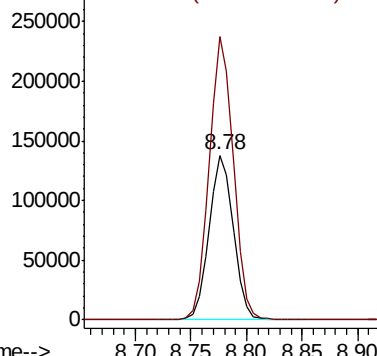
Ion Ratio Lower Upper

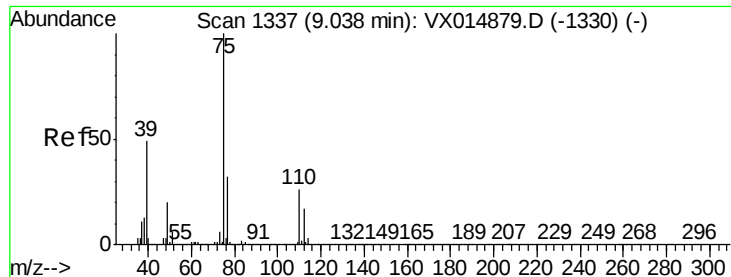
92 100

91 171.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

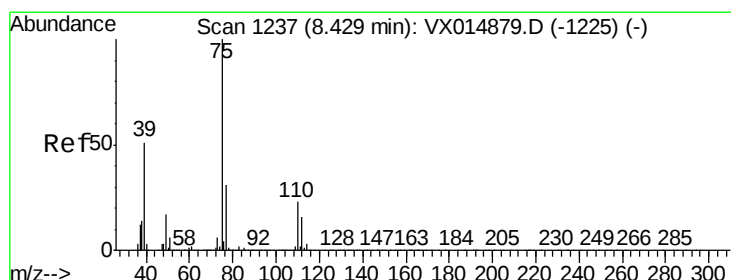
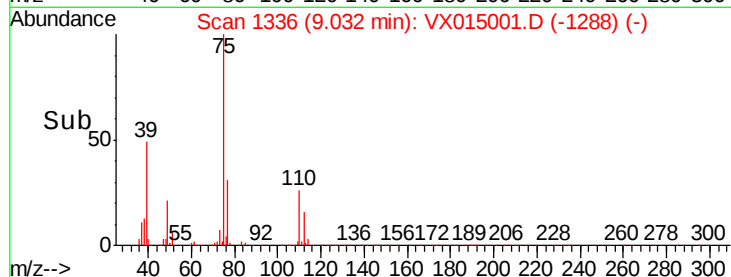
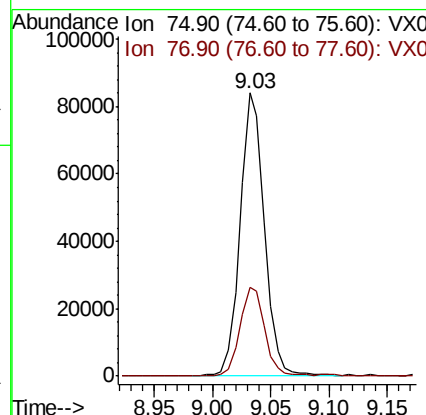
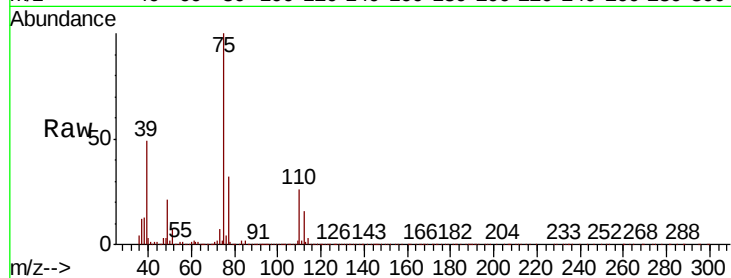




#53
t-1,3-Dichloropropene
Concen: 19.313 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

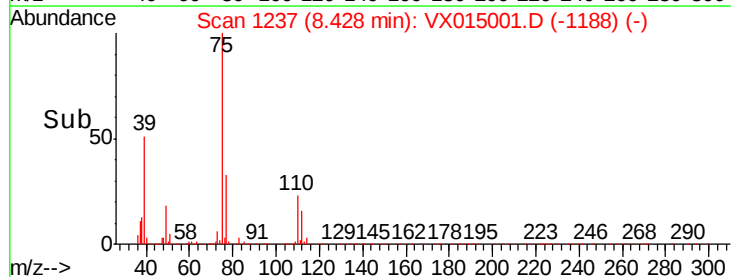
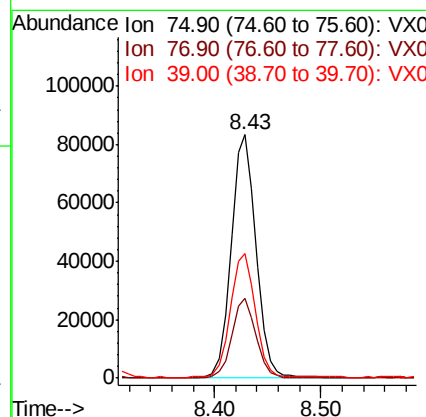
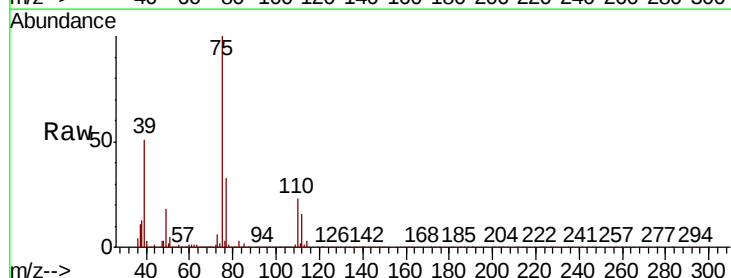
Instrument :
MSVOA_X
ClientSampleId :

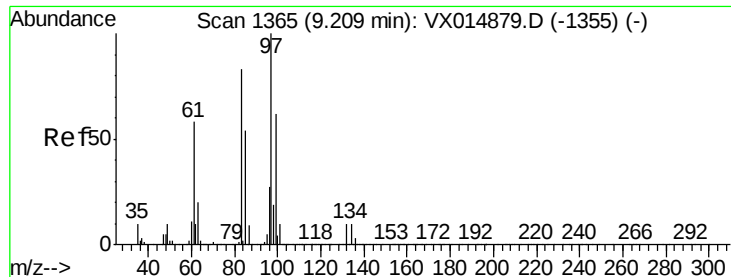
Tot Ion: 75 Resp: 121029
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.622 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 75 Resp: 135843
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0
39 50.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 20.643 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 87755

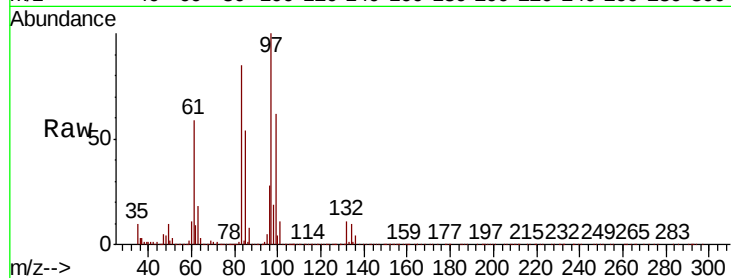
Ion Ratio Lower Upper

97 100

83 84.9 66.6 99.8

85 54.1 43.5 65.3

99 62.0 49.6 74.4

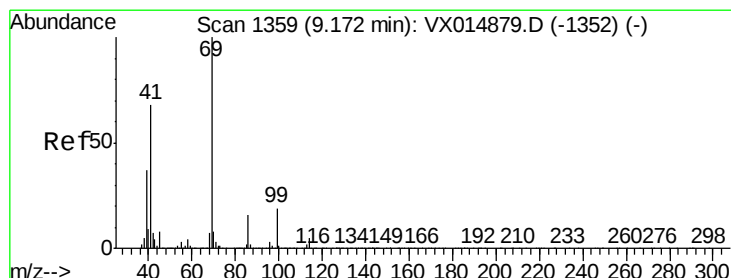
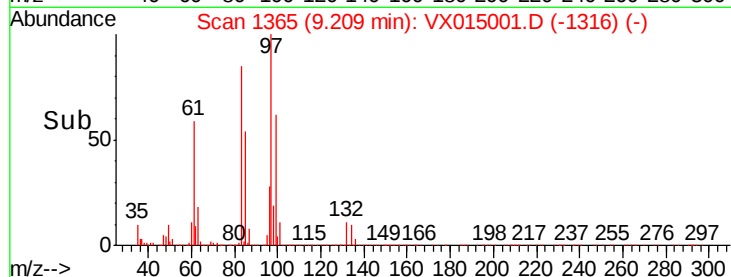
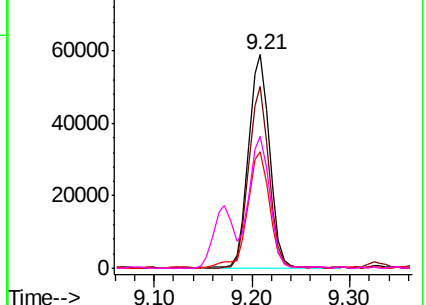


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.528 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

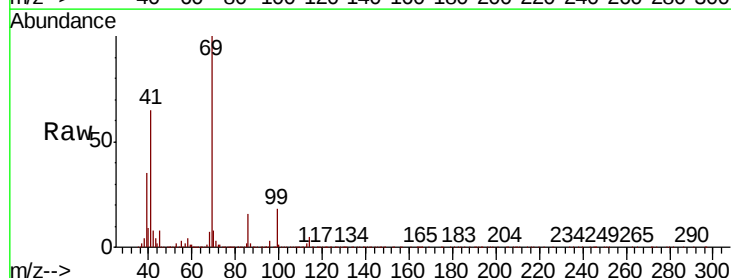
Tgt Ion: 69 Resp: 131166

Ion Ratio Lower Upper

69 100

41 67.4 54.8 82.2

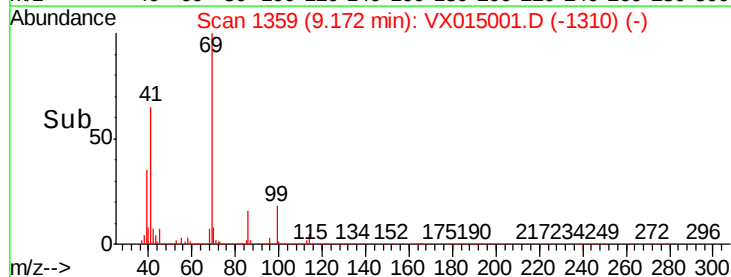
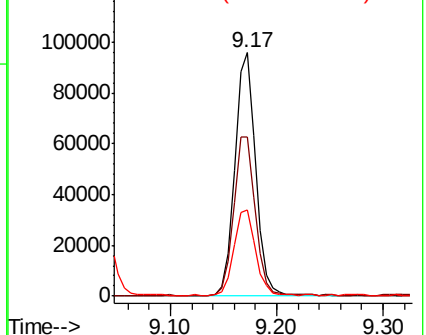
39 36.4 29.9 44.9

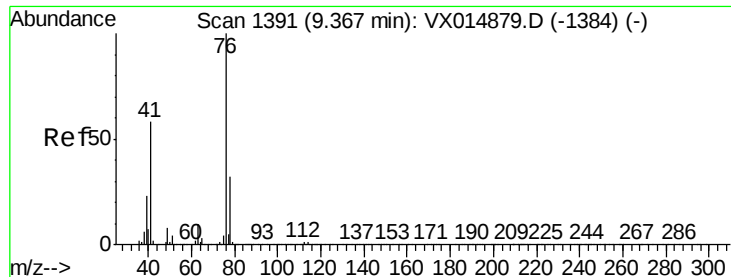


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.295 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

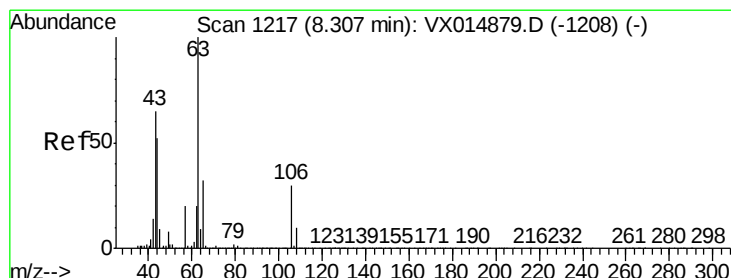
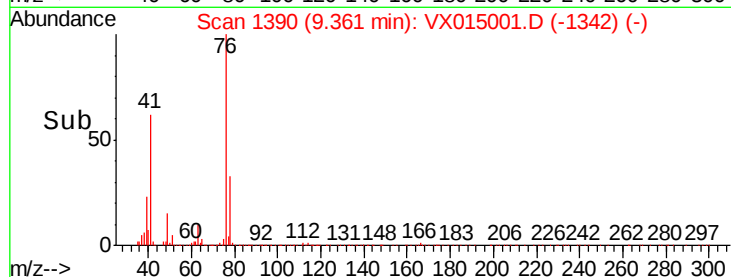
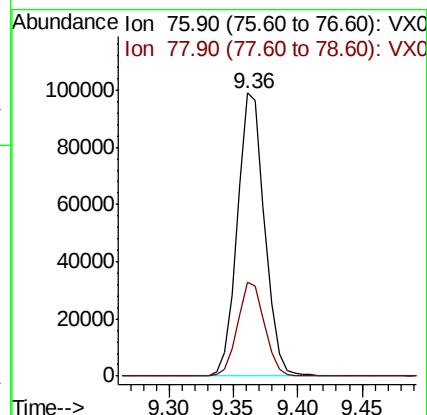
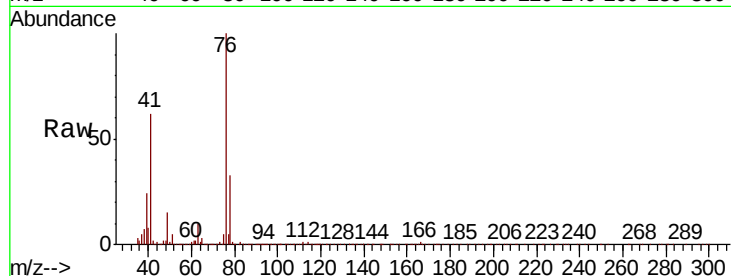
ClientSampleId :

Tot Ion: 76 Resp: 145226

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.340 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015001.D

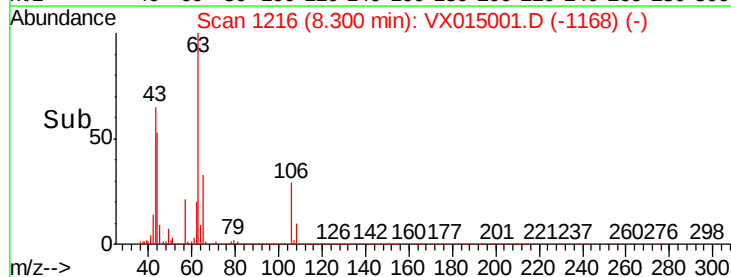
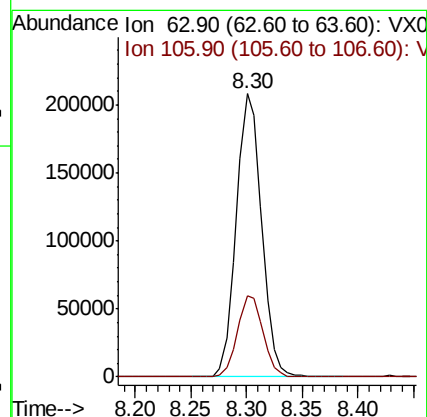
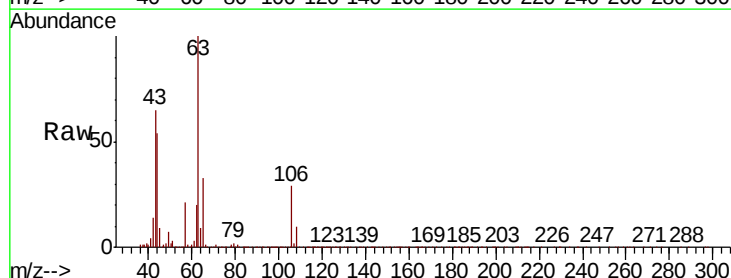
Acq: 24 Feb 2020 11:34

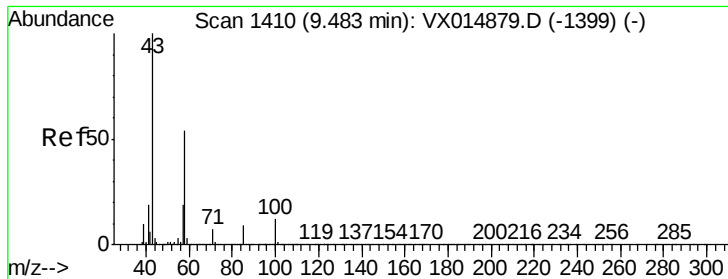
Tgt Ion: 63 Resp: 328615

Ion Ratio Lower Upper

63 100

106 28.8 23.8 35.8

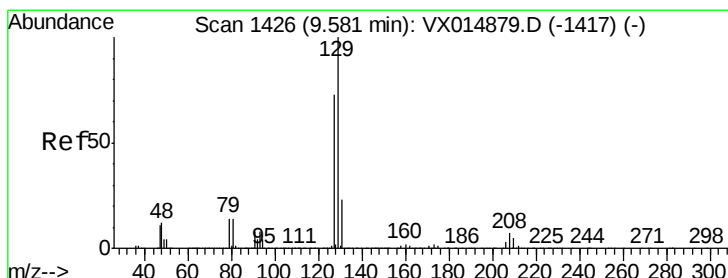
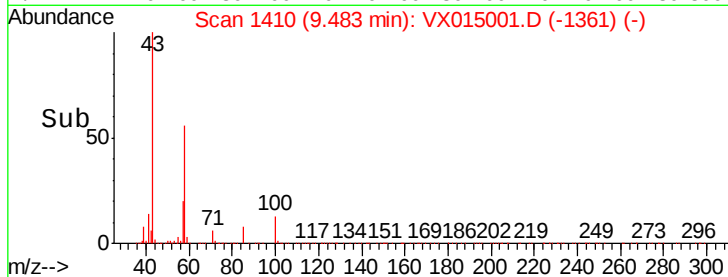
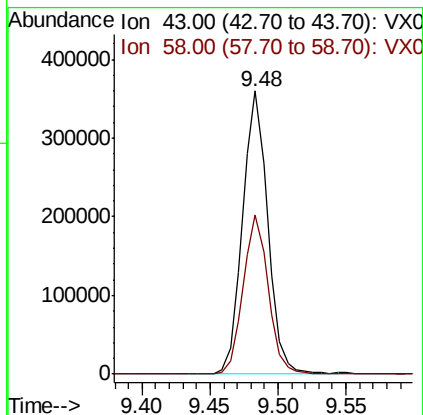
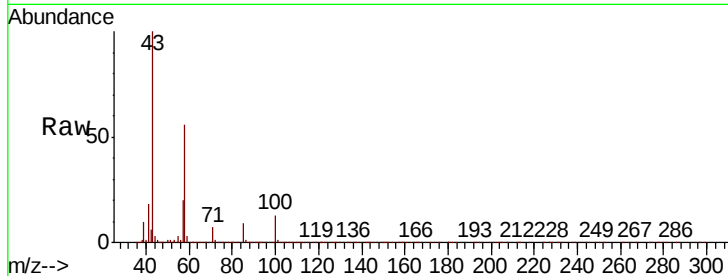




#59
2-Hexanone
Concen: 102.723 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

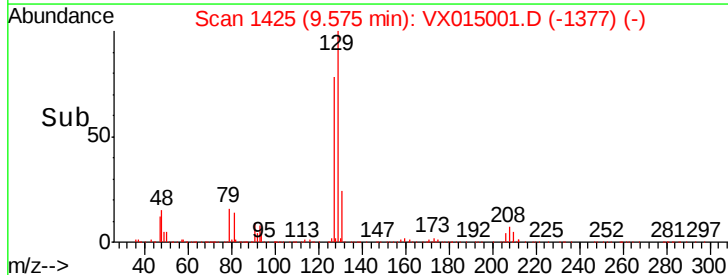
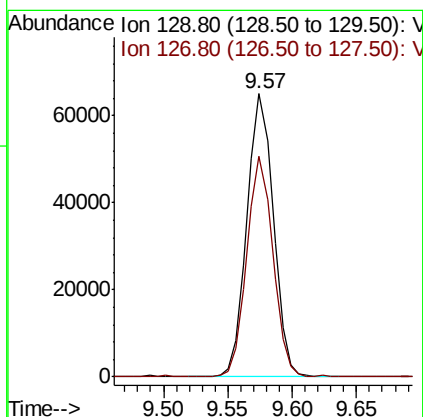
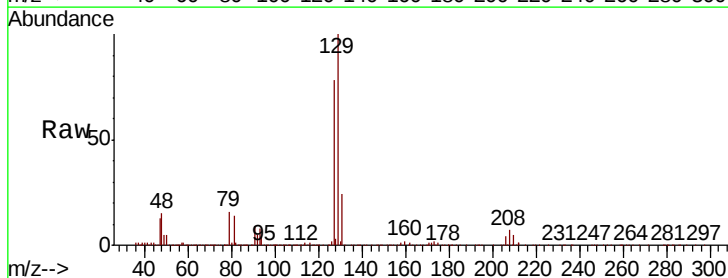
Instrument :
MSVOA_X
ClientSampleId :

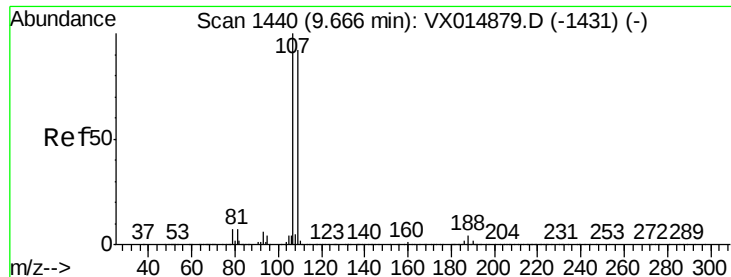
Tot Ion: 43 Resp: 464438
Ion Ratio Lower Upper
43 100
58 56.3 27.5 82.5



#60
Dibromochloromethane
Concen: 20.088 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 129 Resp: 91899
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.3





#61

1,2-Dibromoethane

Concen: 20.028 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

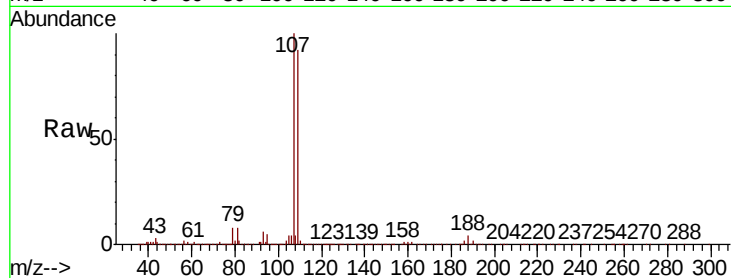
ClientSampleId :

Tot Ion: 107 Resp: 91860

Ion Ratio Lower Upper

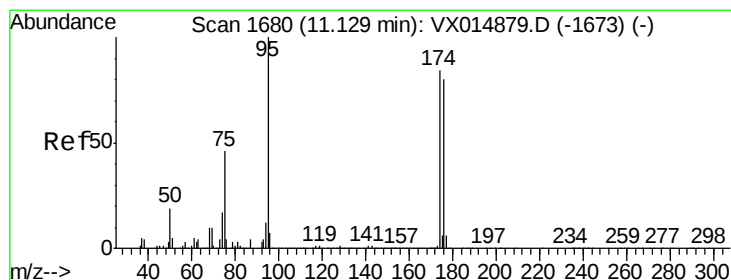
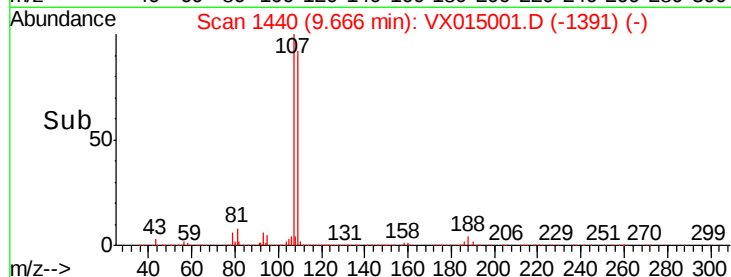
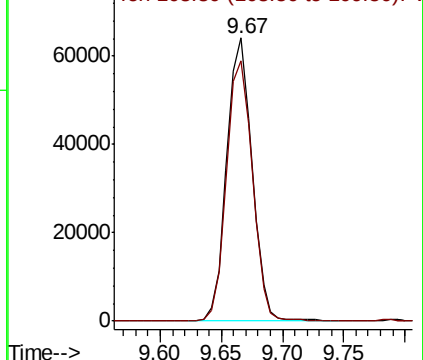
107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.163 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

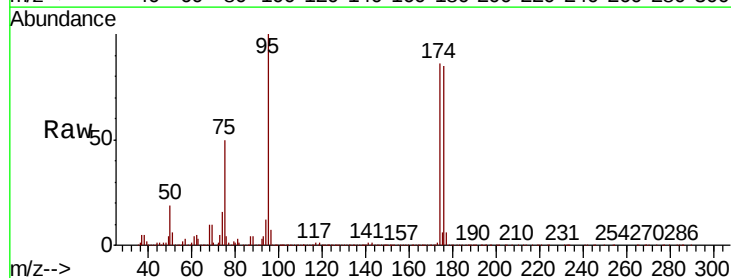
Tgt Ion: 95 Resp: 267702

Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.0

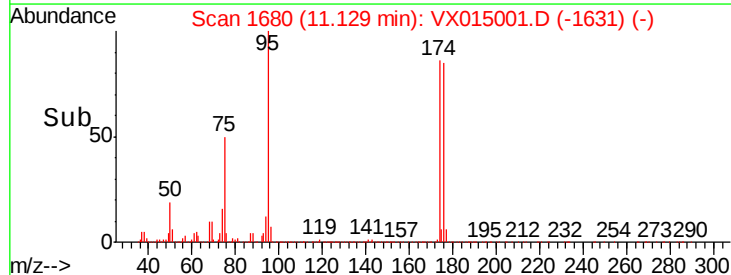
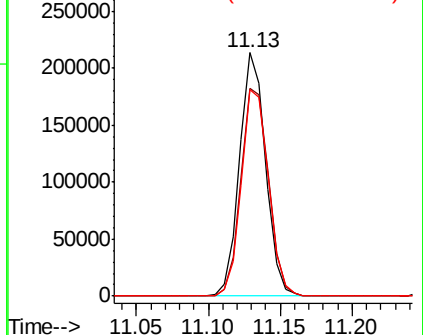
176 88.6 0.0 178.0

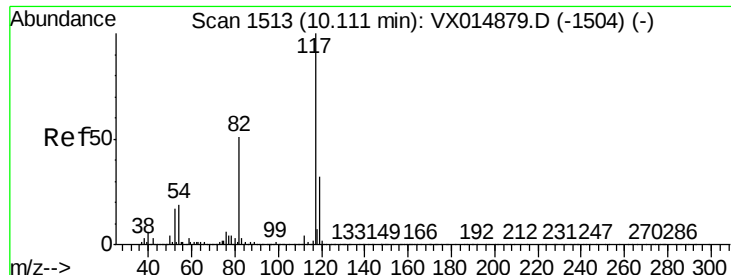


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

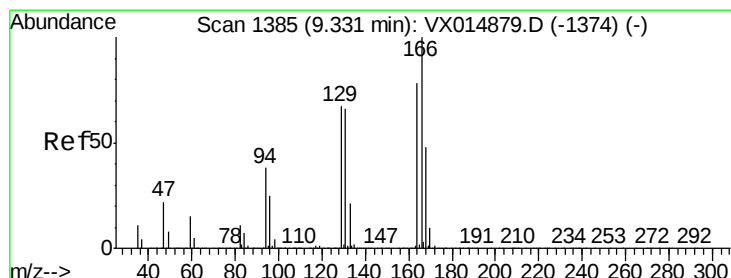
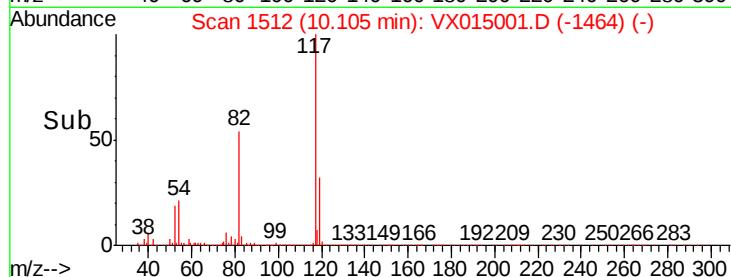
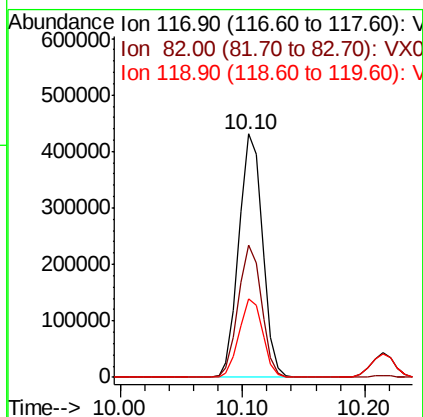
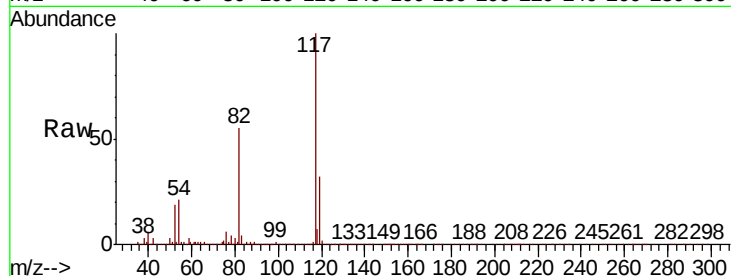




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

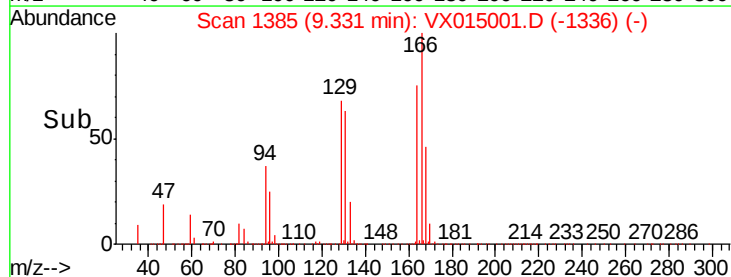
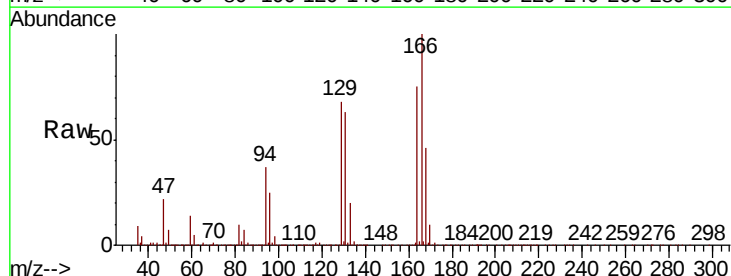
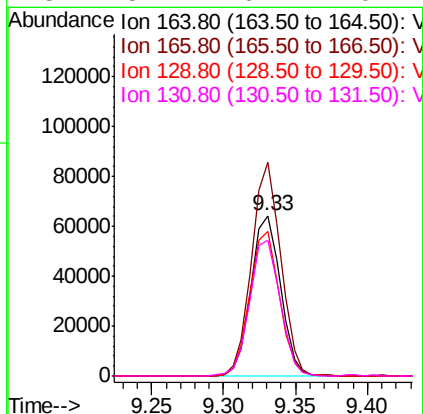
Instrument :
MSVOA_X
ClientSampleId :

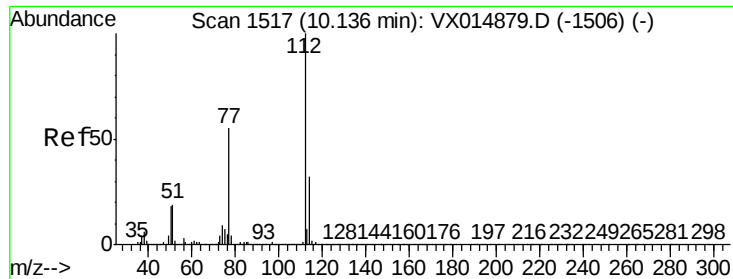
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	32.2	25.8	38.6



#64
Tetrachloroethene
Concen: 16.992 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	102.6	153.8
129	90.3	68.3	102.5
131	84.1	67.4	101.2

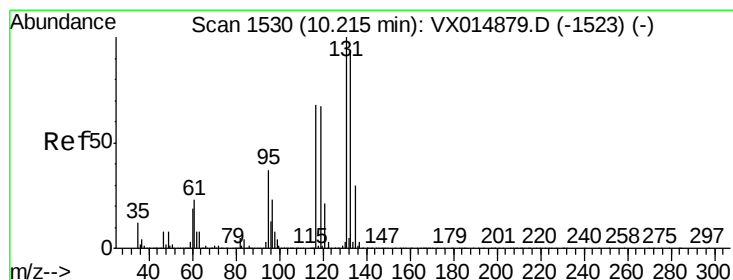
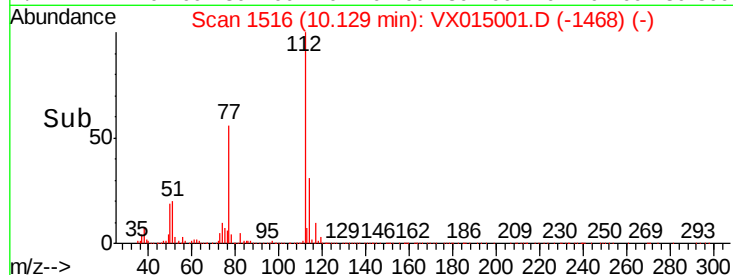
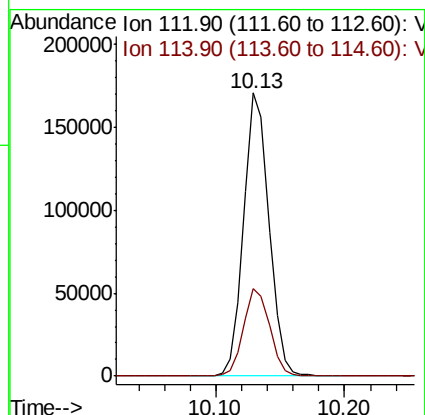
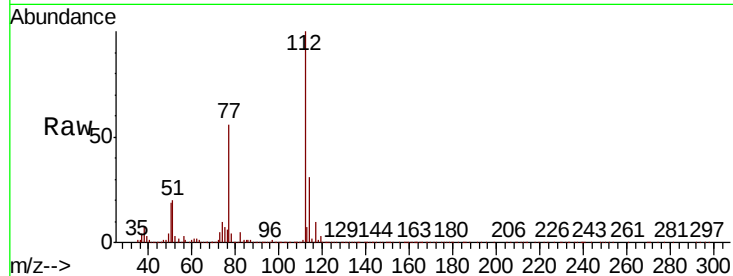




#65
Chlorobenzene
Concen: 19.810 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

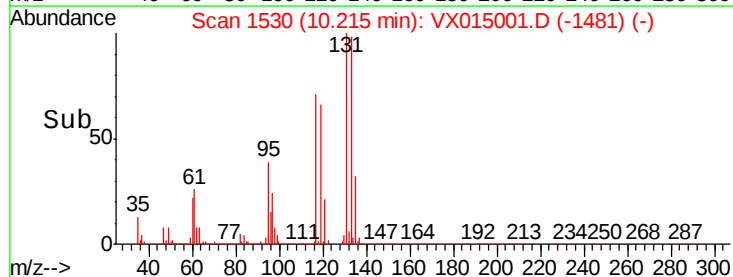
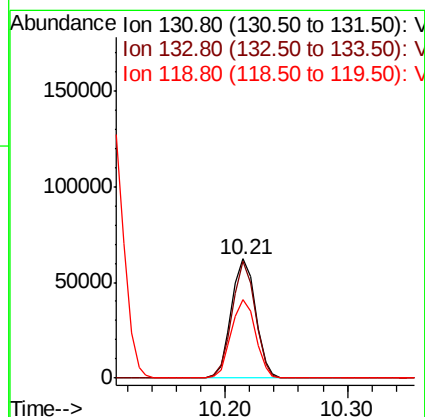
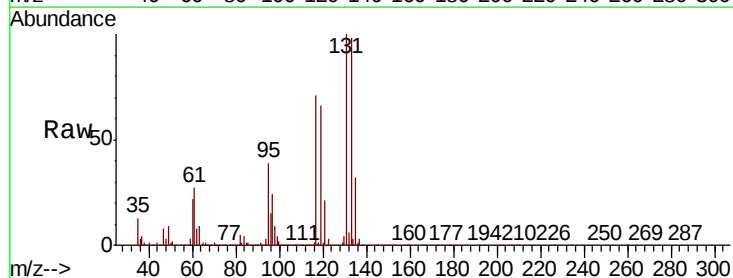
Instrument :
MSVOA_X
ClientSampleId :

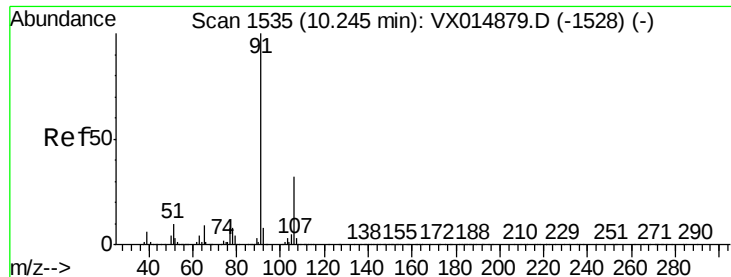
Tot Ion:112 Resp: 231135
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.060 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion:131 Resp: 84971
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.4
119 66.7 33.0 99.0

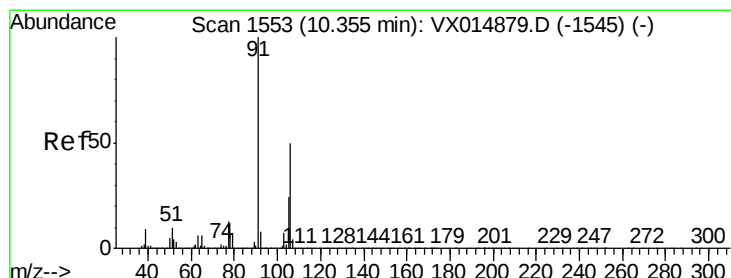
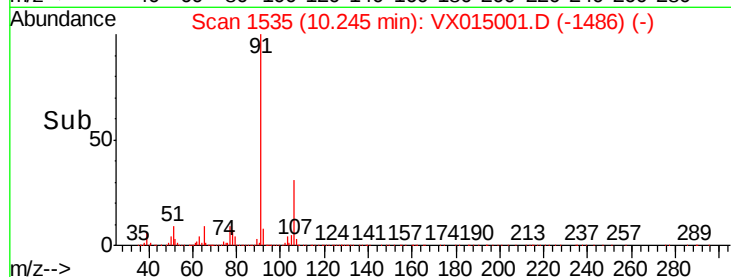
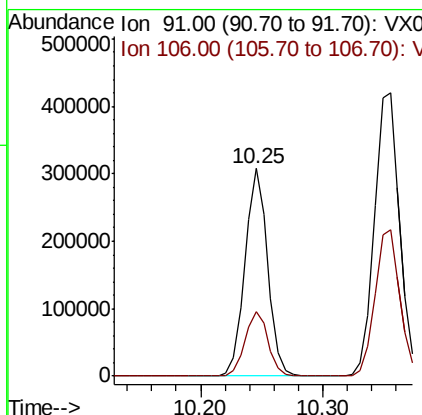
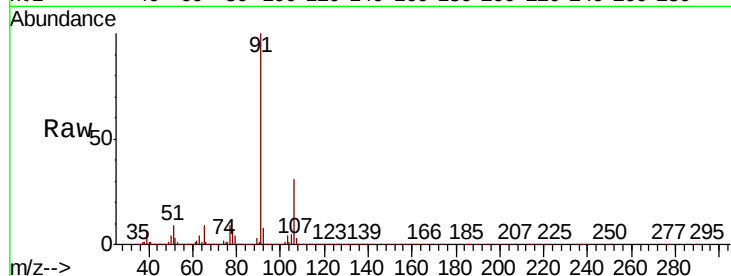




#67
Ethyl Benzene
Concen: 19.790 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

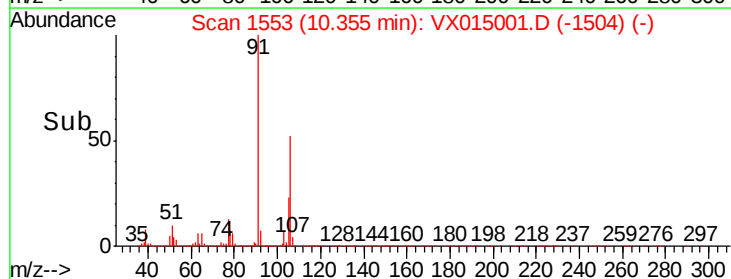
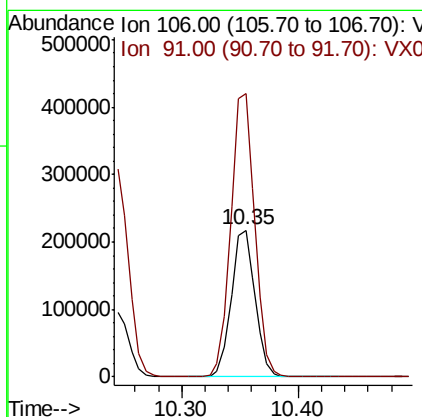
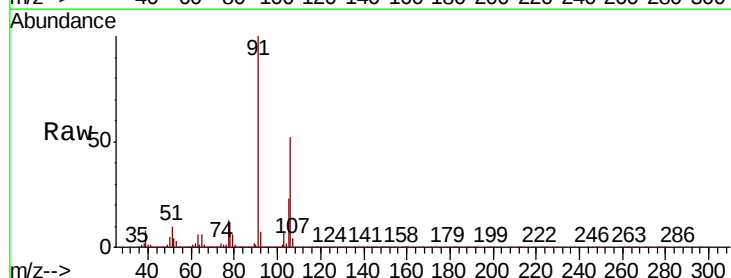
Instrument :
MSVOA_X
ClientSampleId :

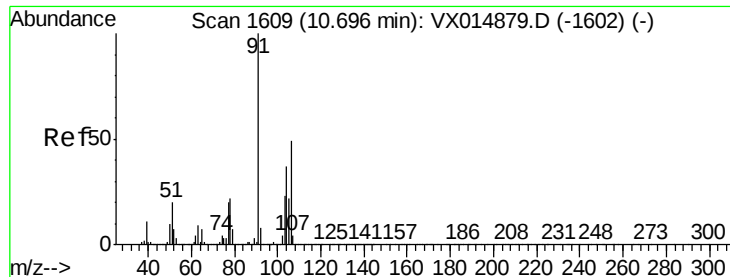
Tot Ion: 91 Resp: 392699
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 40.169 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion: 106 Resp: 307062
Ion Ratio Lower Upper
106 100
91 195.3 160.6 240.8

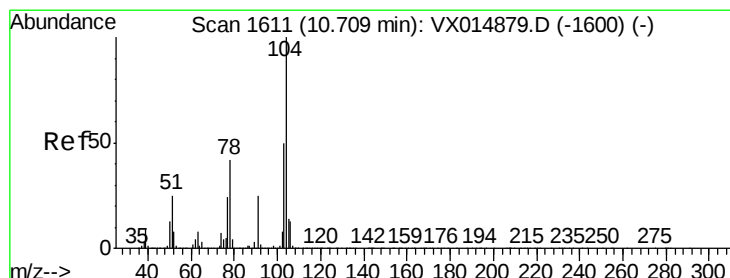
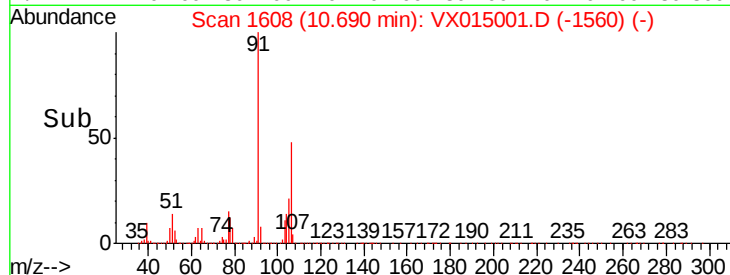
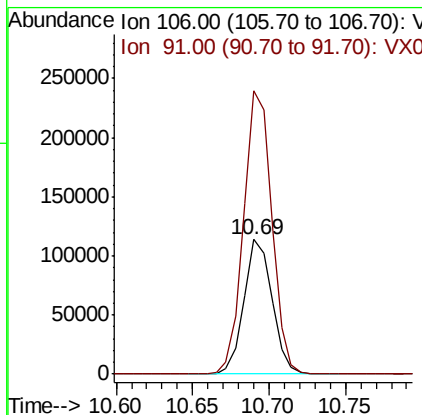
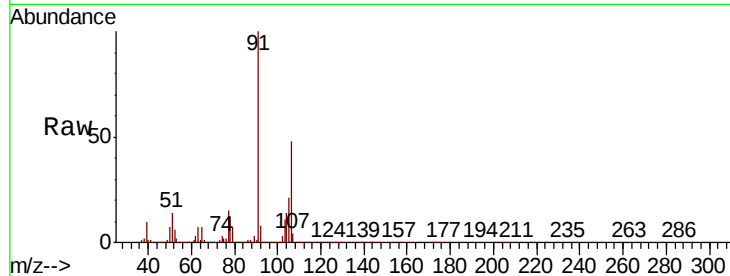




#69
o-Xylene
Concen: 19.810 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

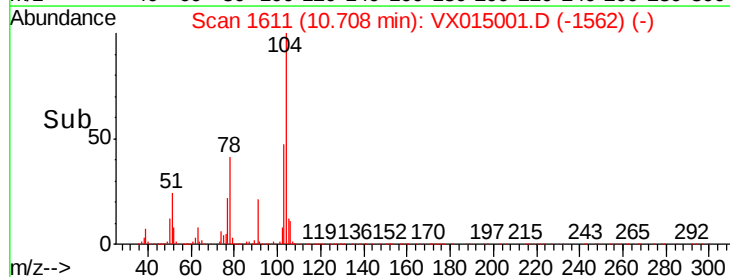
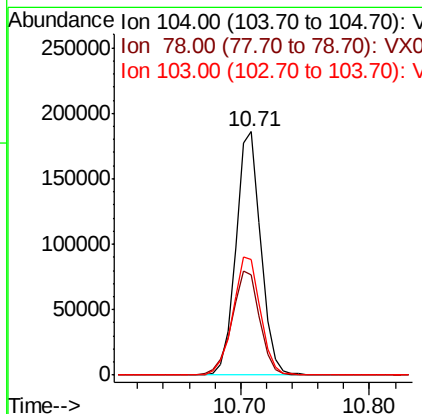
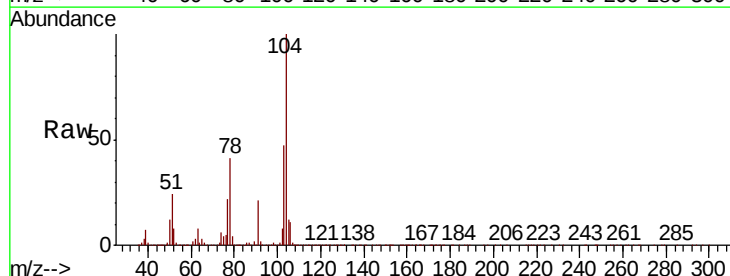
Instrument :
MSVOA_X
ClientSampleId :

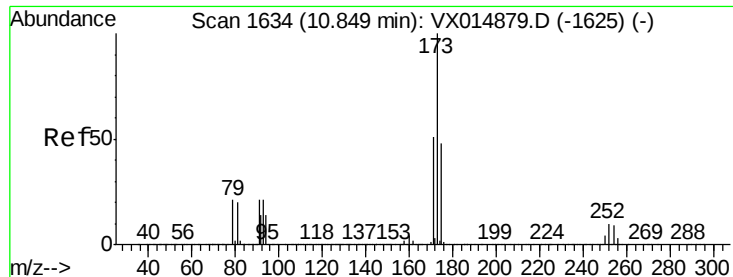
Tot Ion:106 Resp: 145569
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3



#70
Styrene
Concen: 19.984 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion:104 Resp: 248430
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 53.9 43.4 65.0

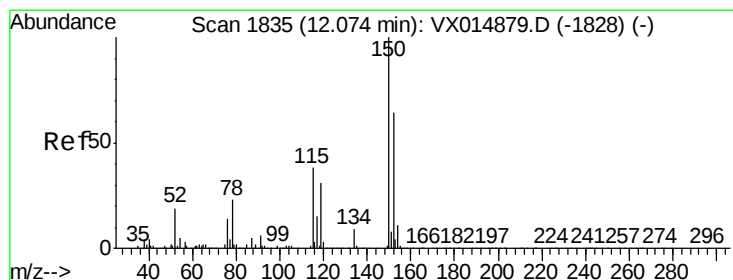
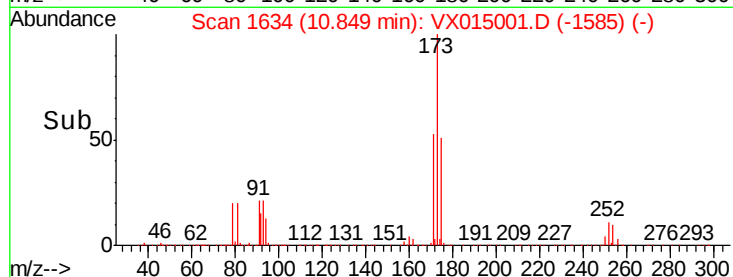
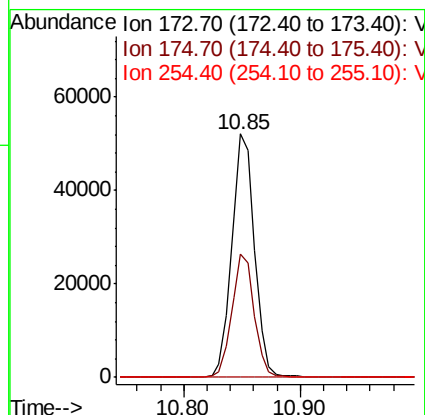
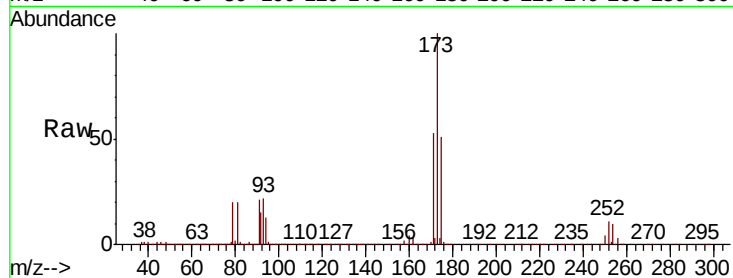




#71
Bromoform
Concen: 20.022 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

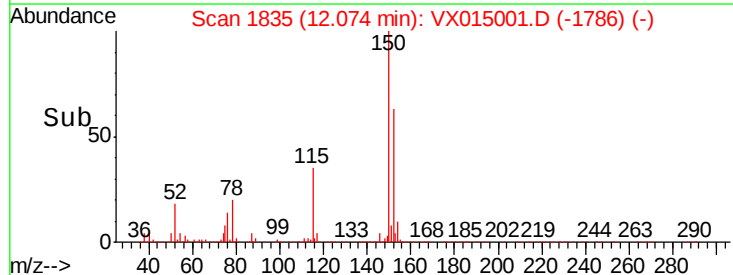
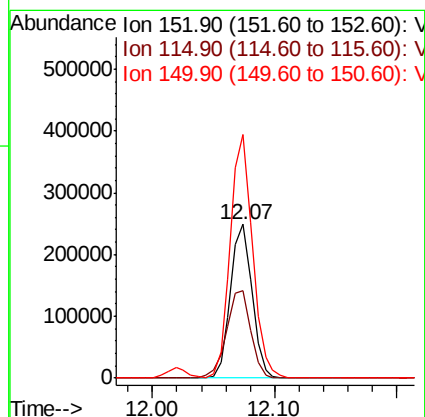
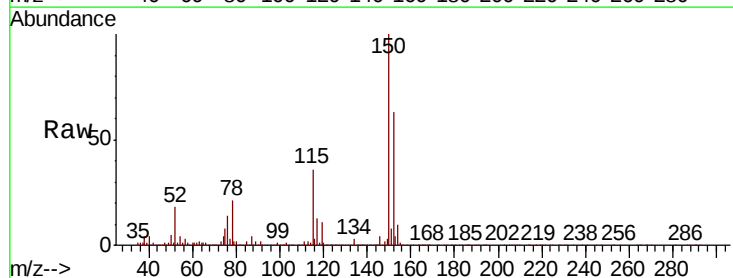
Instrument :
MSVOA_X
ClientSampleId :

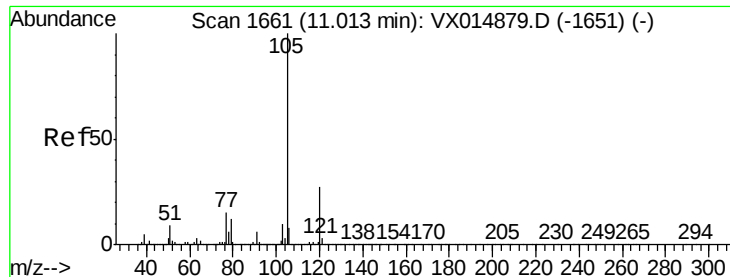
Tot Ion:173 Resp: 70794
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion:152 Resp: 303268
Ion Ratio Lower Upper
152 100
115 64.0 38.6 116.0
150 162.7 0.0 349.0





#73

Isopropylbenzene

Concen: 20.610 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

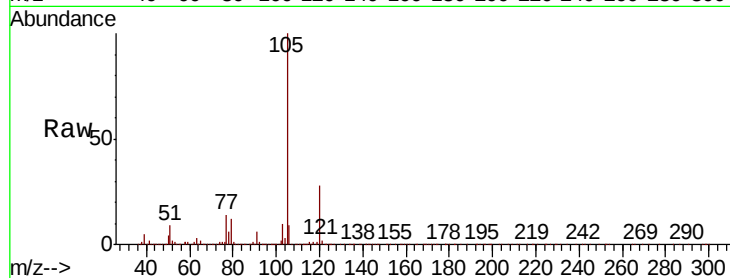
ClientSampleId :

Tot Ion:105 Resp: 391962

Ion Ratio Lower Upper

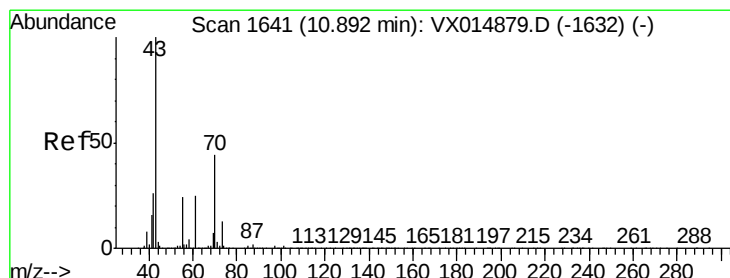
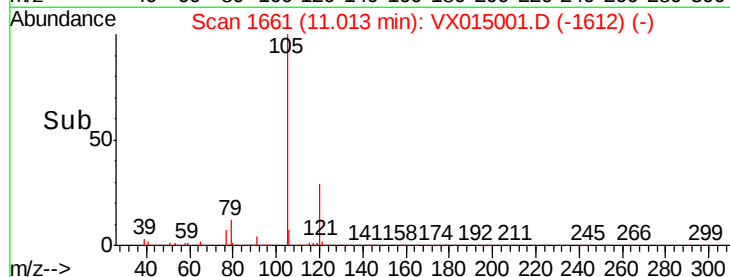
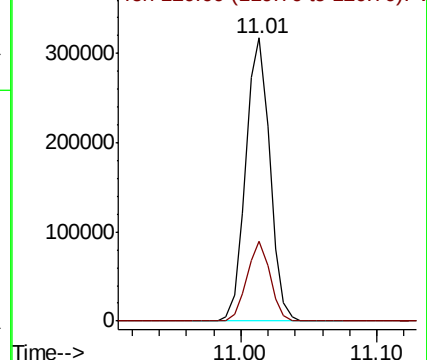
105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.994 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion: 43 Resp: 165897

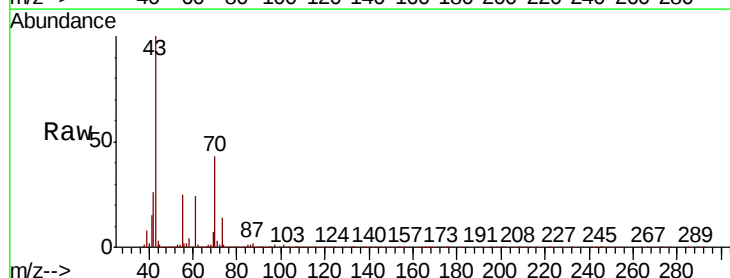
Ion Ratio Lower Upper

43 100

70 43.5 35.0 52.4

55 25.4 19.4 29.2

61 24.2 19.8 29.6

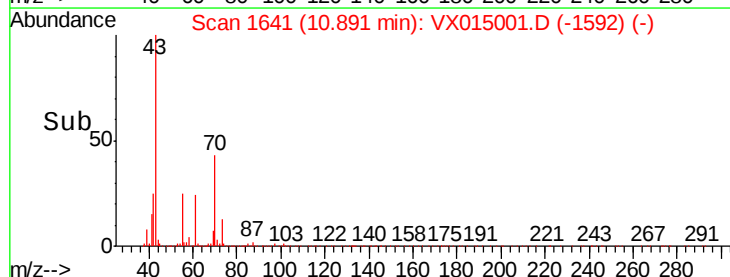
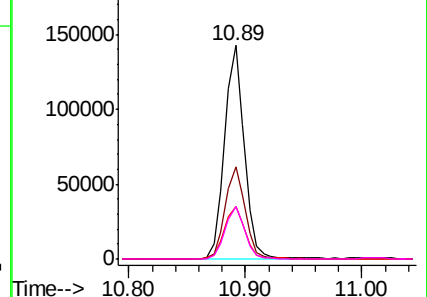


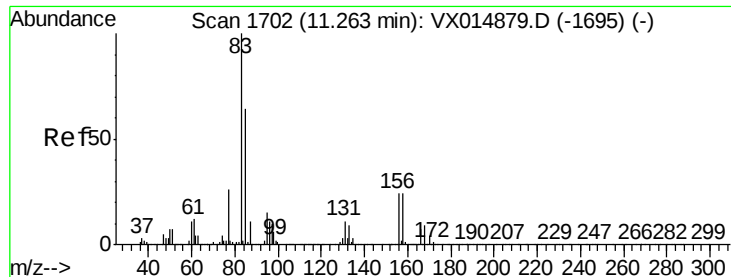
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.266 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

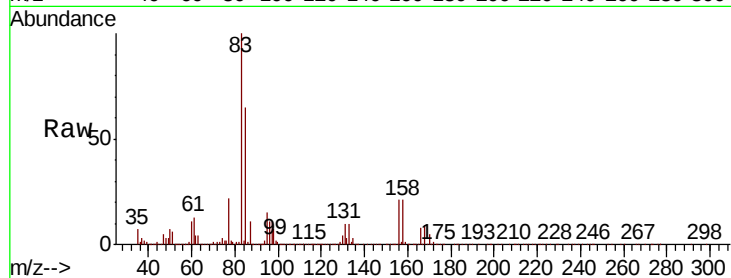
Tot Ion: 83 Resp: 132208

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

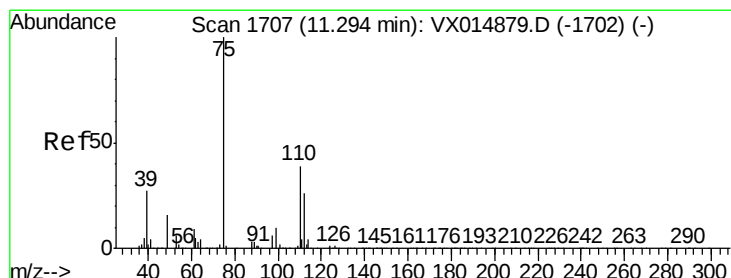
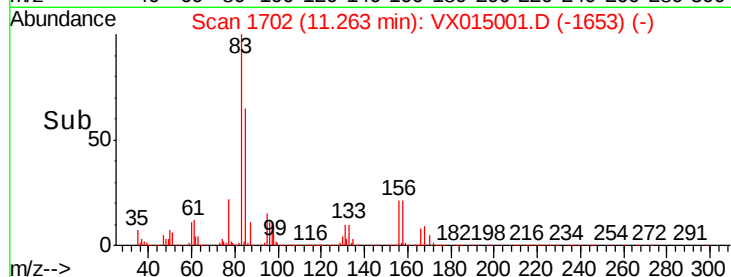
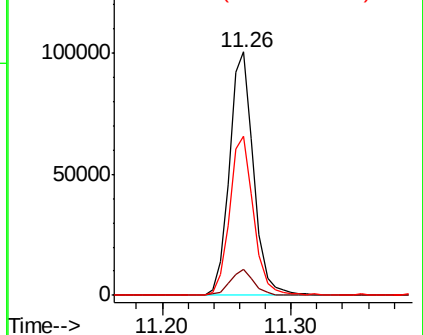
85 64.8 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.979 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015001.D

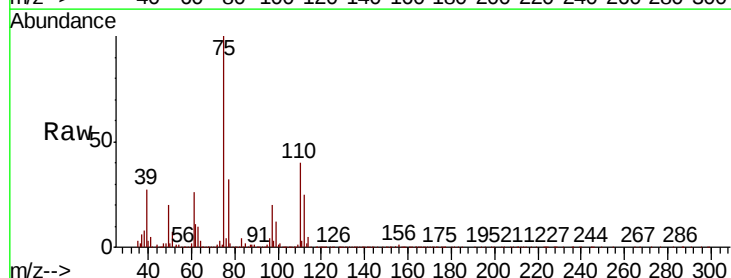
Acq: 24 Feb 2020 11:34

Tgt Ion: 75 Resp: 147955

Ion Ratio Lower Upper

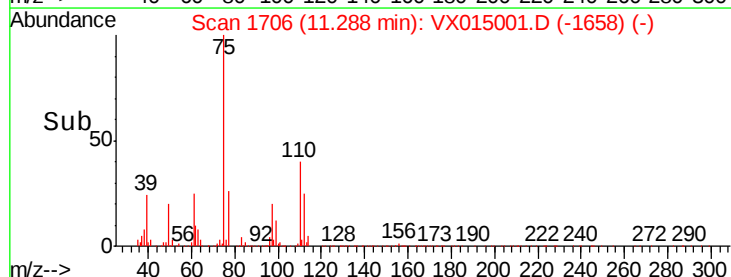
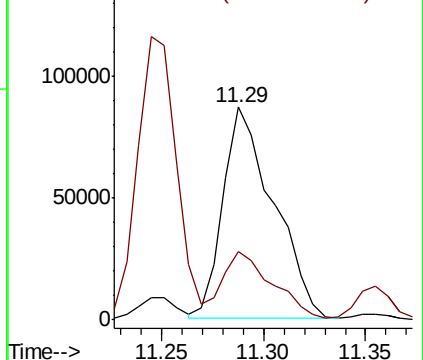
75 100

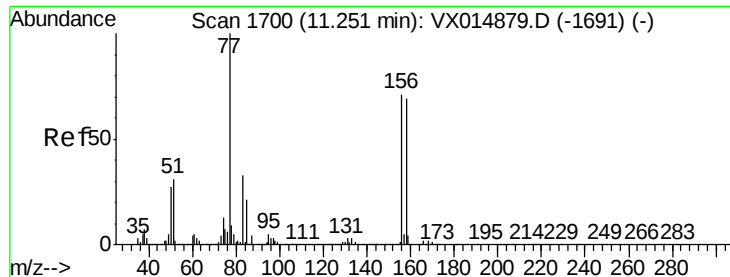
77 32.4 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.795 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

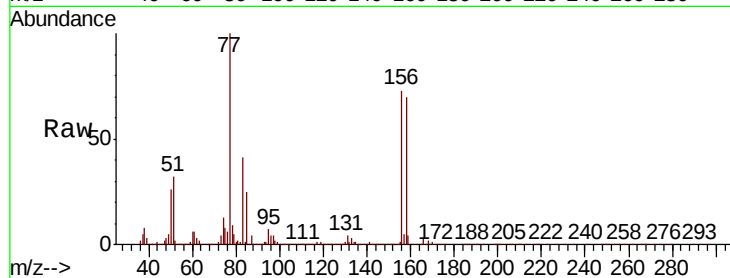
Tot Ion:156 Resp: 105074

Ion Ratio Lower Upper

156 100

77 146.7 74.0 222.0

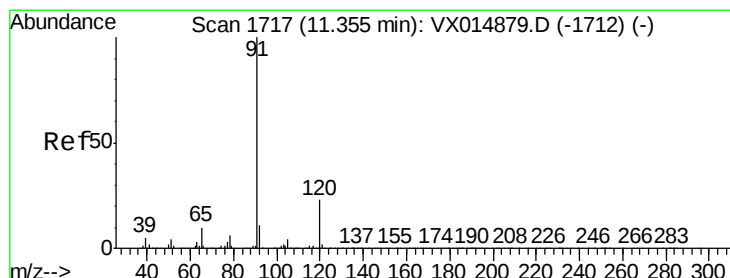
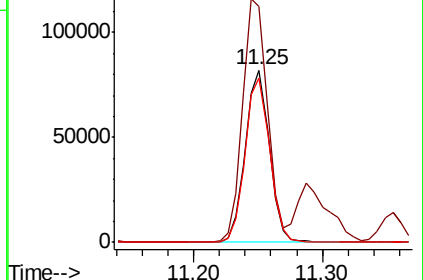
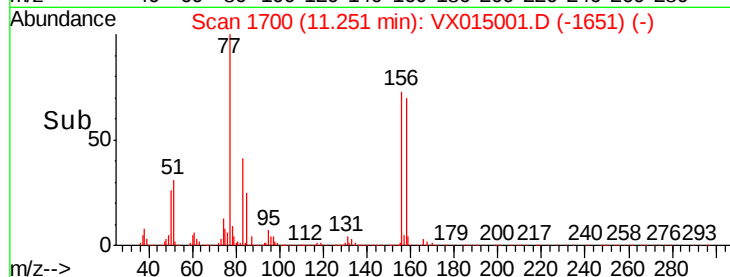
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015001.D

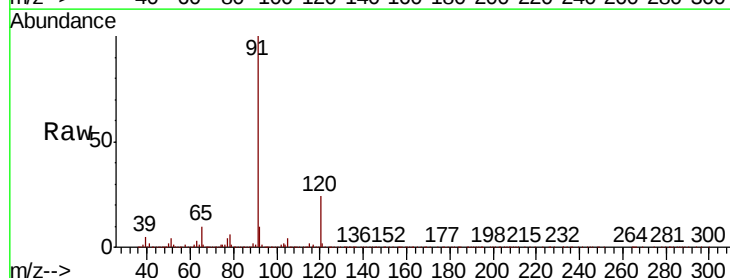
Acq: 24 Feb 2020 11:34

Tgt Ion: 91 Resp: 449558

Ion Ratio Lower Upper

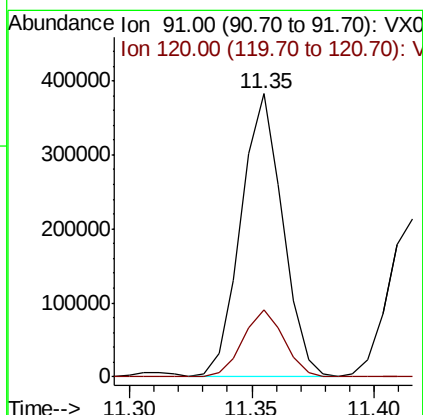
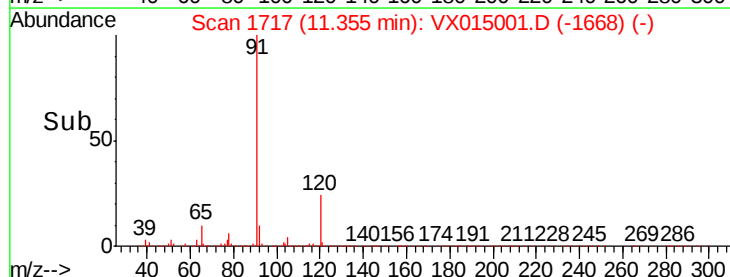
91 100

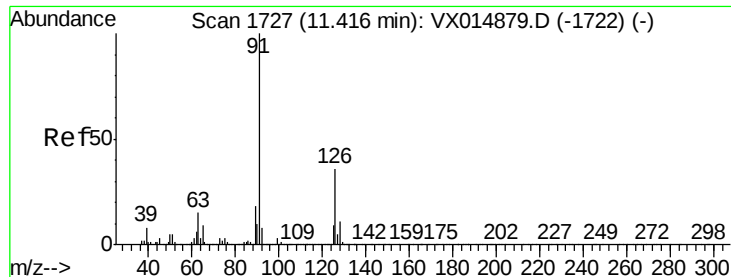
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.615 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

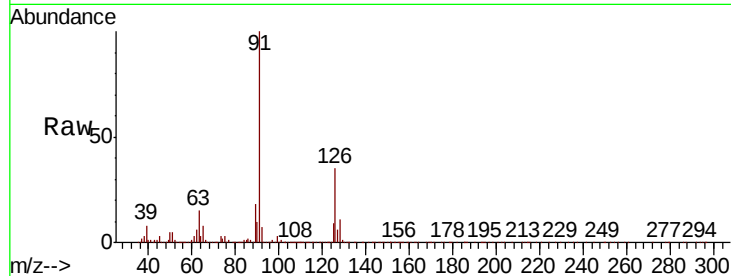
ClientSampleId :

Tot Ion: 91 Resp: 266585

Ion Ratio Lower Upper

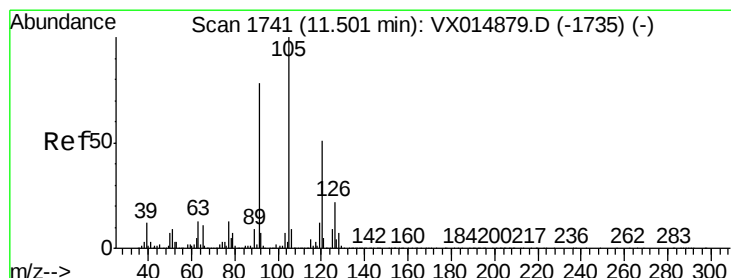
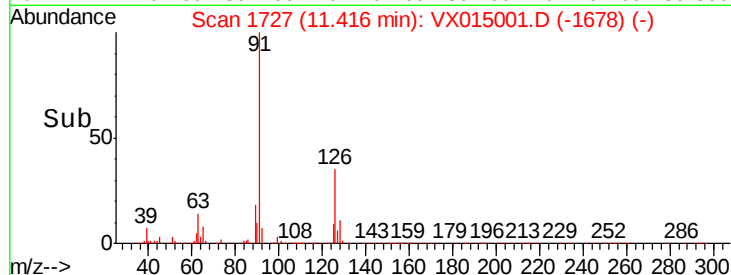
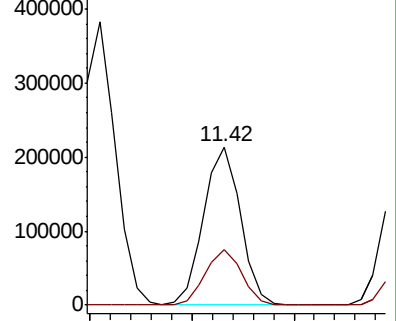
91 100

126 34.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.454 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015001.D

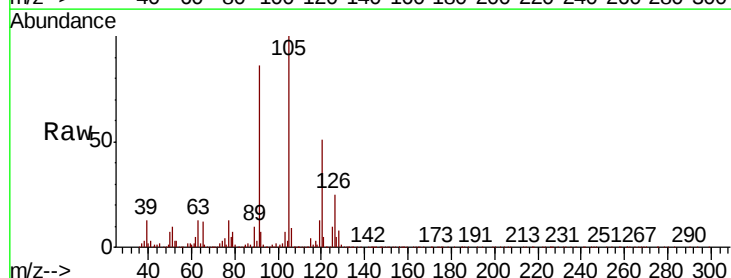
Acq: 24 Feb 2020 11:34

Tgt Ion:105 Resp: 325028

Ion Ratio Lower Upper

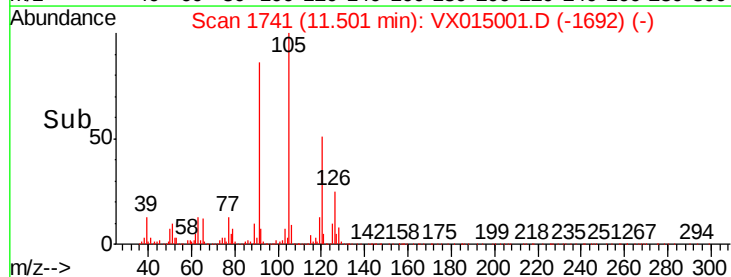
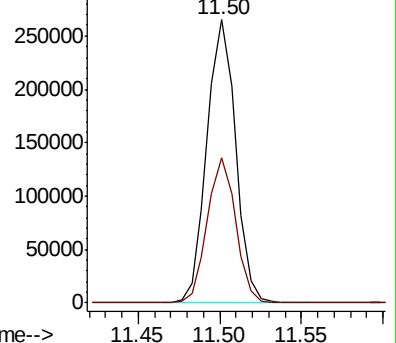
105 100

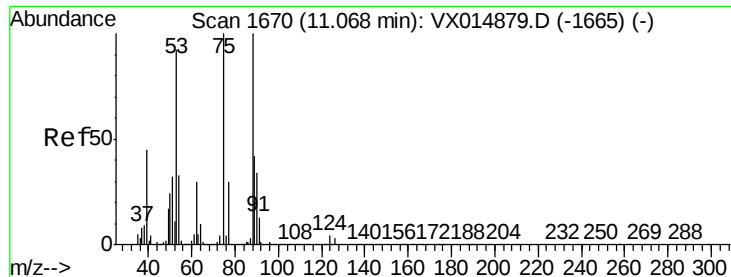
120 50.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.374 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

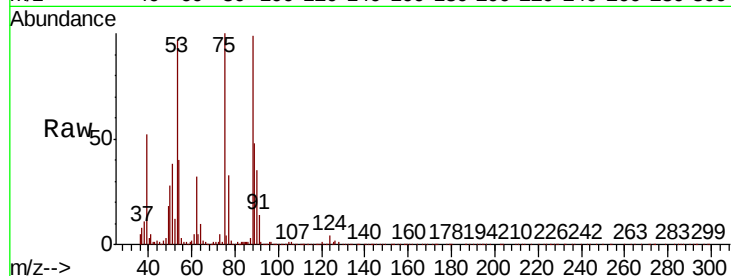
Tot Ion: 75 Resp: 41508

Ion Ratio Lower Upper

75 100

53 101.0 76.2 114.2

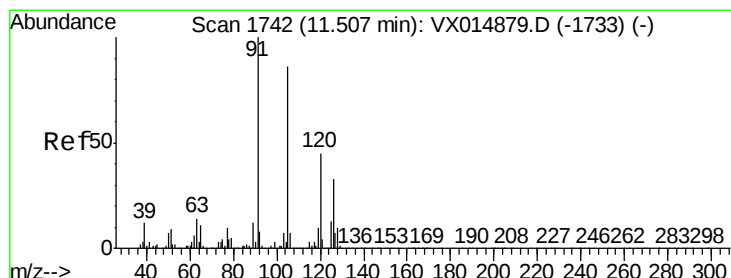
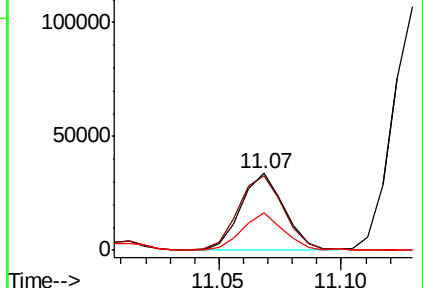
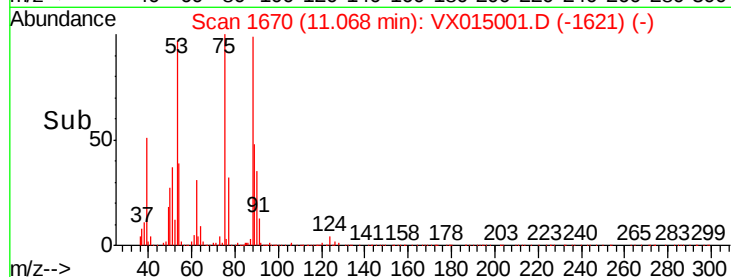
89 46.3 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.989 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015001.D

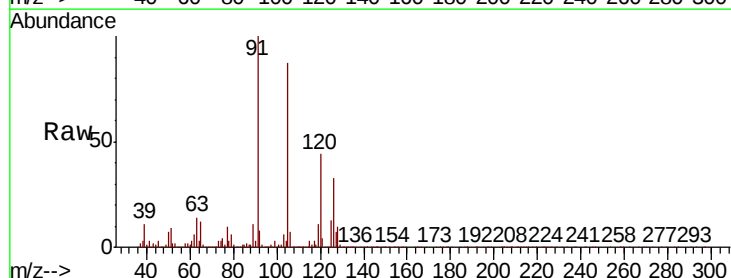
Acq: 24 Feb 2020 11:34

Tgt Ion: 91 Resp: 306107

Ion Ratio Lower Upper

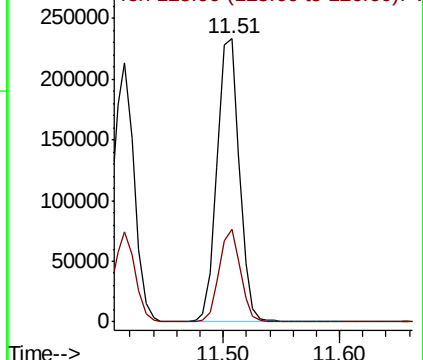
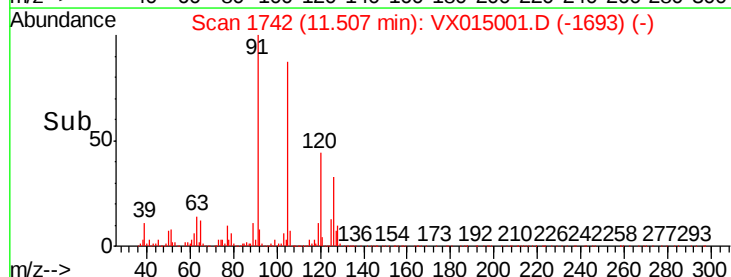
91 100

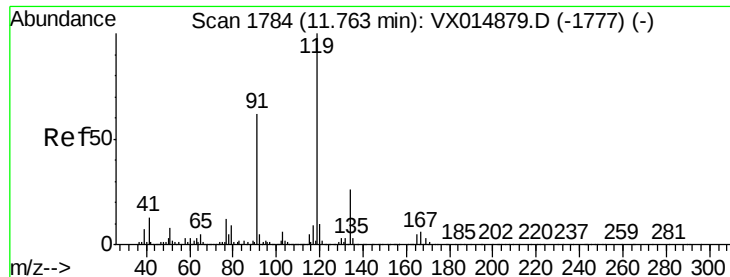
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

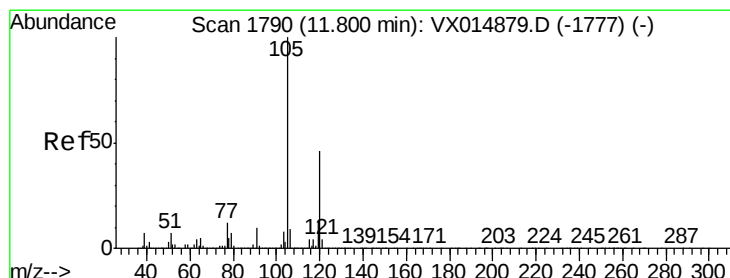
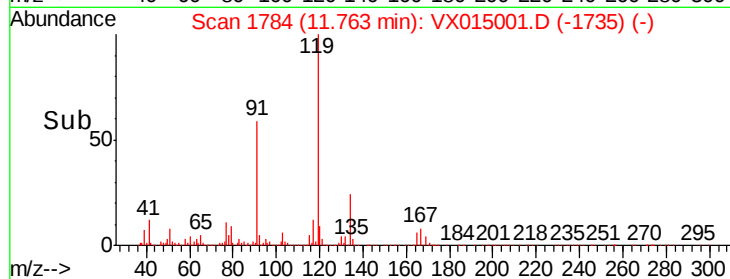
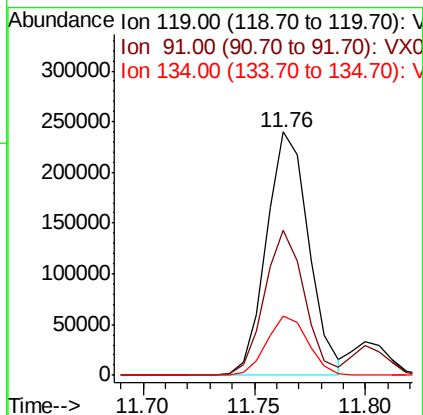
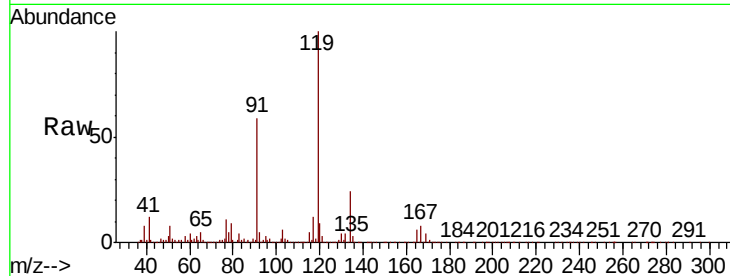




#83
tert-Butylbenzene
Concen: 21.028 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

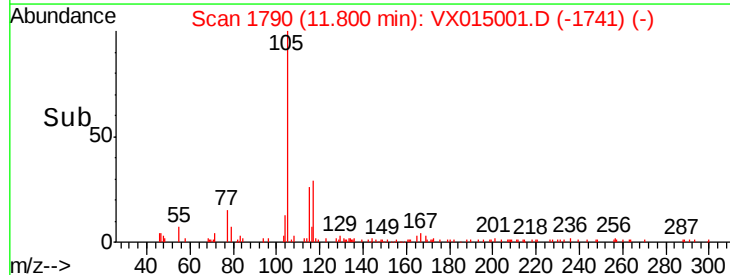
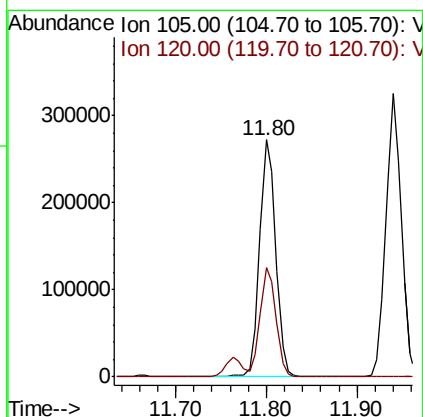
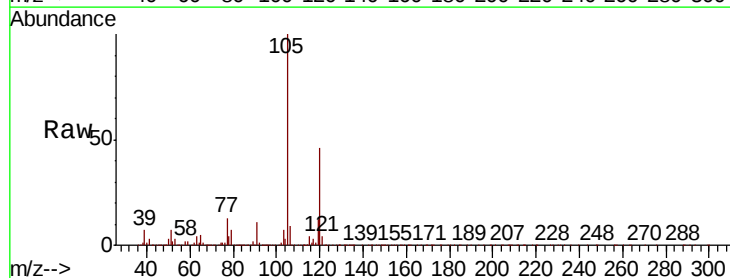
Instrument :
MSVOA_X
ClientSampleId :

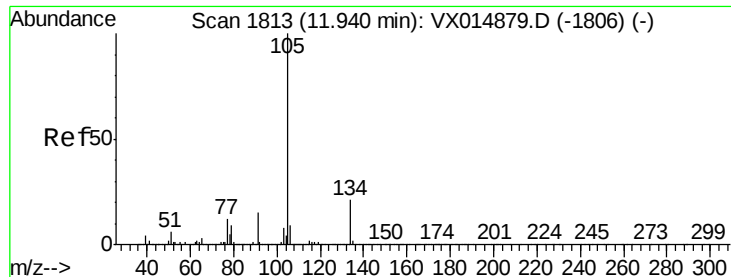
Tot Ion:119 Resp: 316426
Ion Ratio Lower Upper
119 100
91 56.5 29.5 88.6
134 23.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.843 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015001.D
Acq: 24 Feb 2020 11:34

Tgt Ion:105 Resp: 333786
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.604 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

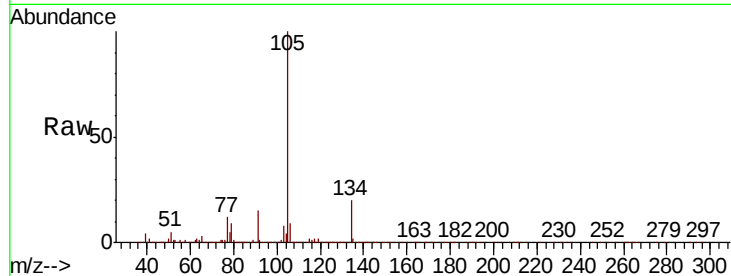
ClientSampleId :

Tot Ion:105 Resp: 385161

Ion Ratio Lower Upper

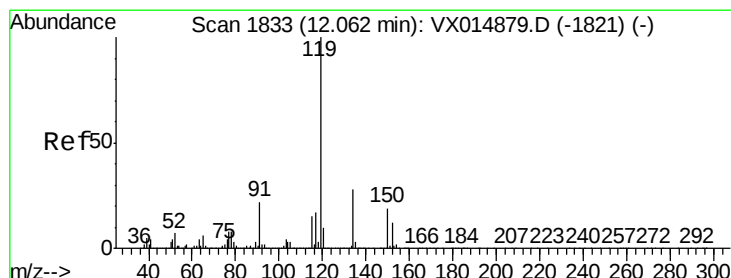
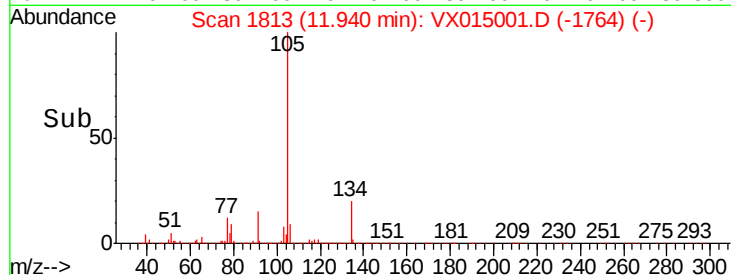
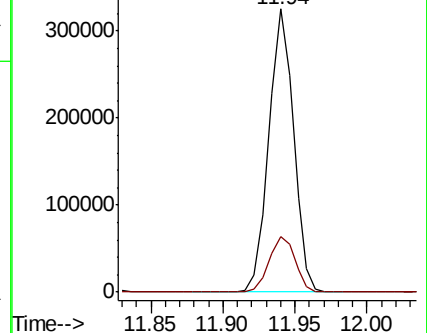
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.353 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

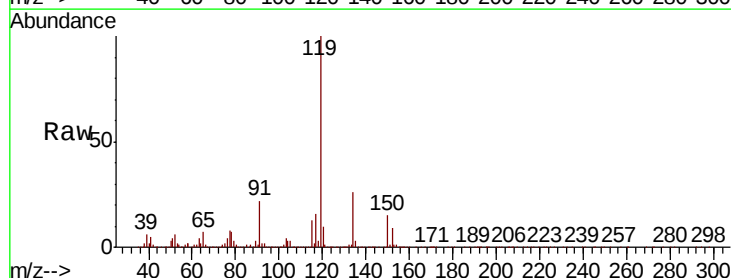
Tgt Ion:119 Resp: 356038

Ion Ratio Lower Upper

119 100

134 27.9 13.5 40.5

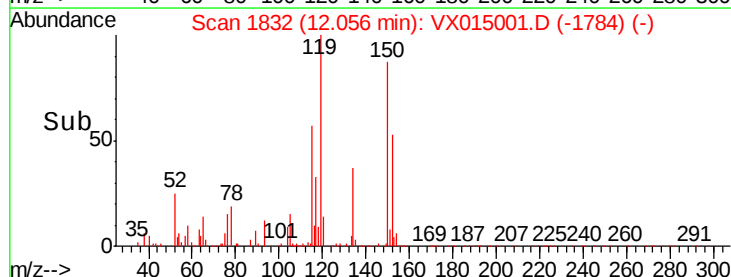
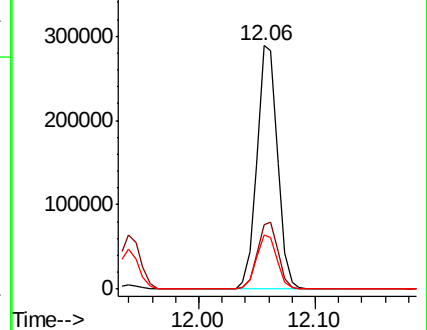
91 22.3 11.4 34.1

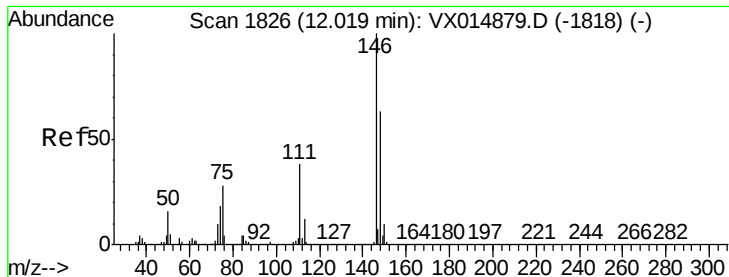


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

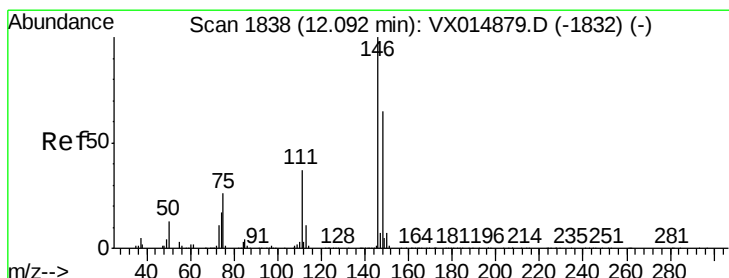
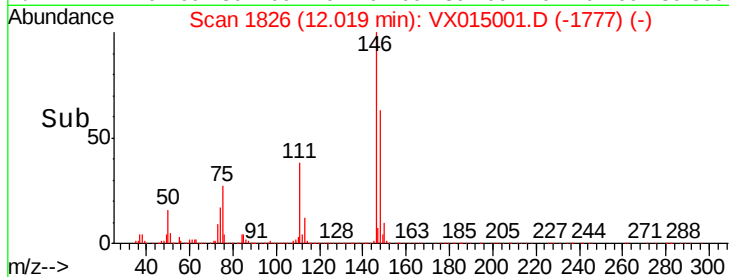
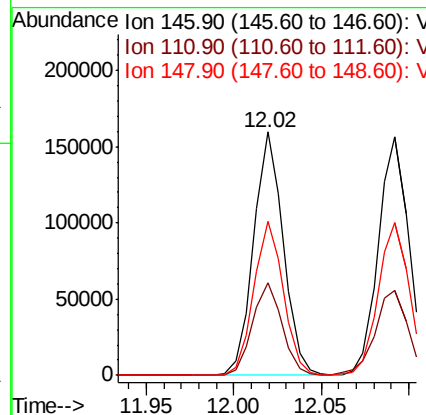
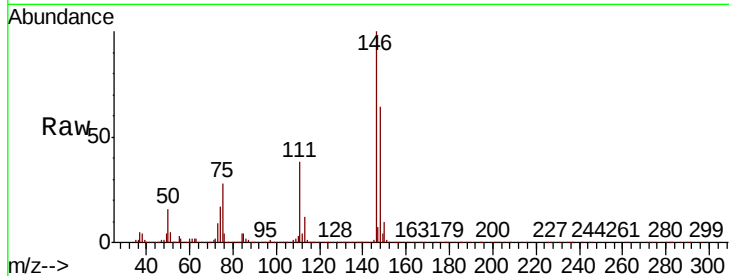




#87
 1,3-Dichlorobenzene
 Concen: 19.740 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

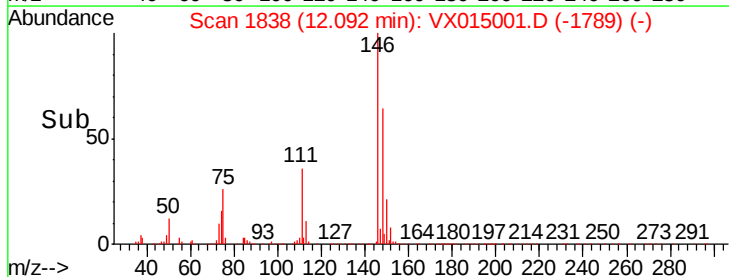
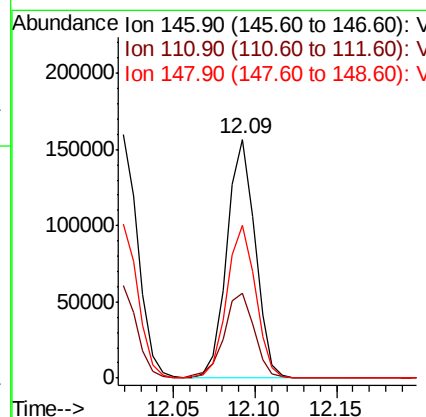
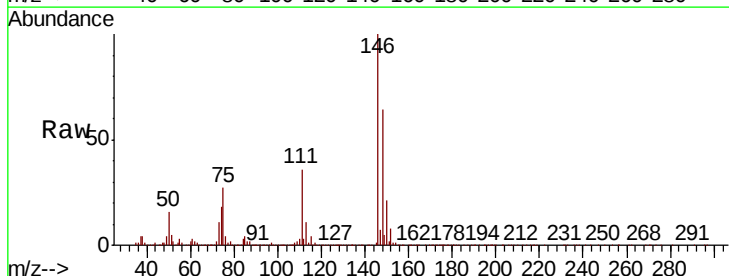
Instrument :
 MSVOA_X
 ClientSampleId :

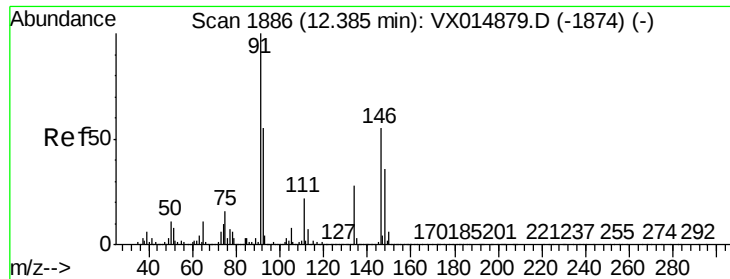
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	63.3	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.390 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.6
148	64.8	32.4	97.0





#89

n-Butylbenzene

Concen: 19.475 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

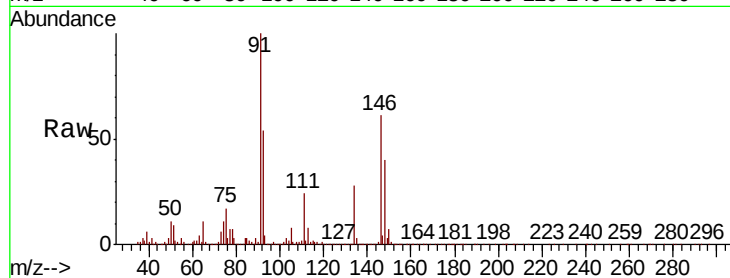
Tot Ion: 91 Resp: 305115

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.8

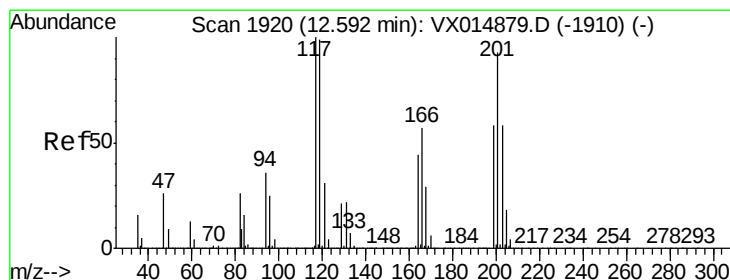
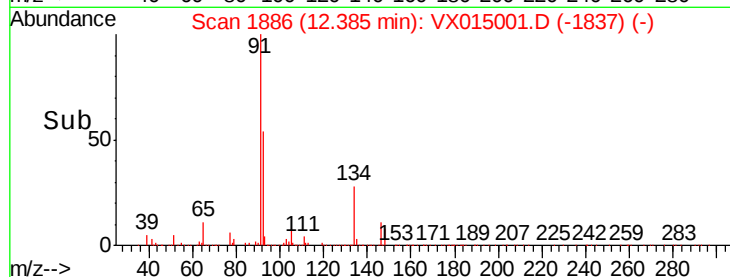
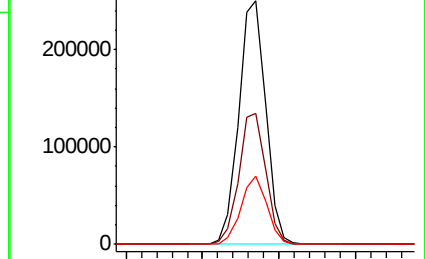
134 26.9 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)



#90

Hexachloroethane

Concen: 19.951 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015001.D

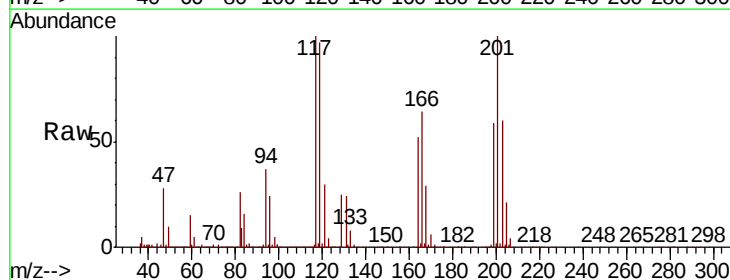
Acq: 24 Feb 2020 11:34

Tgt Ion: 117 Resp: 60951

Ion Ratio Lower Upper

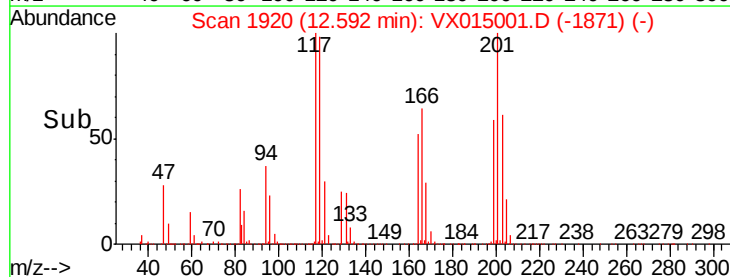
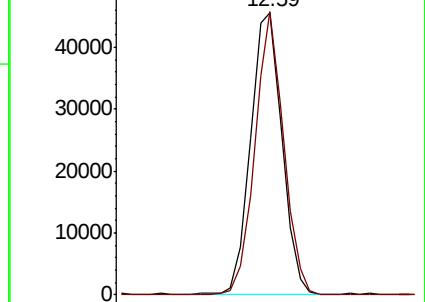
117 100

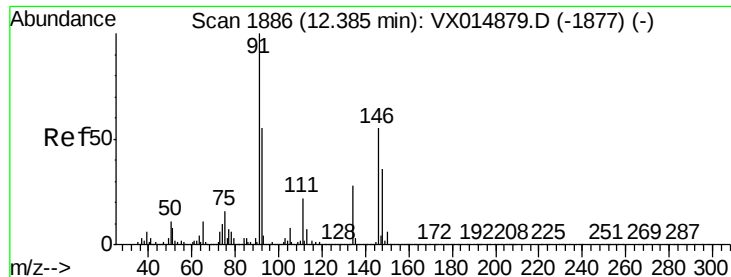
201 92.0 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)





#91

1,2-Dichlorobenzene

Concen: 19.948 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015001.D

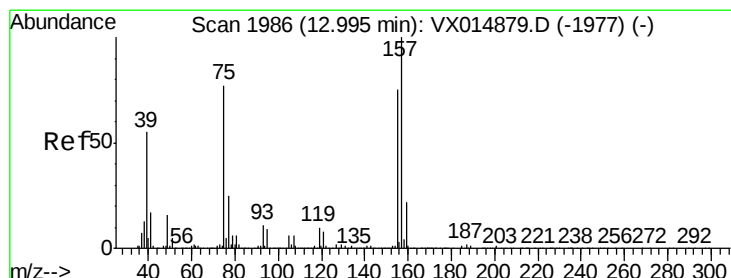
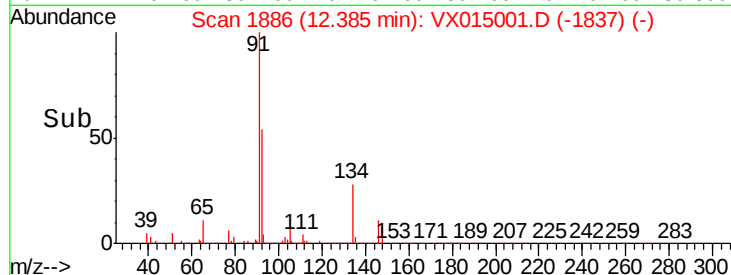
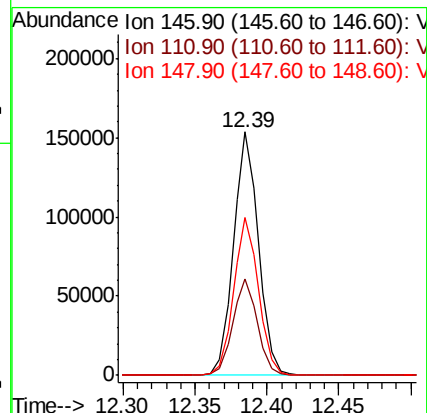
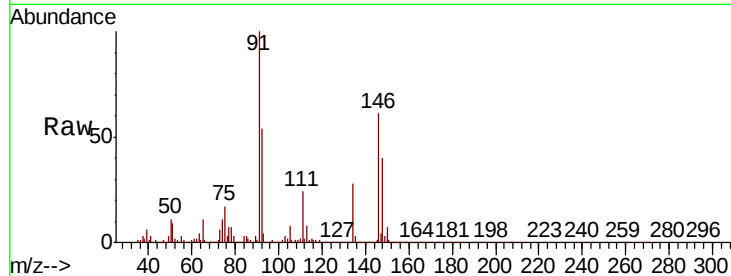
Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	186285
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	65.0	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.266 ug/l

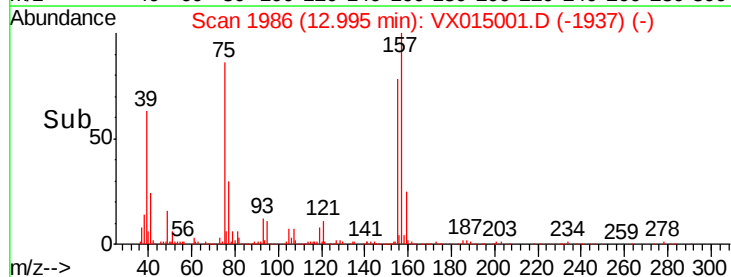
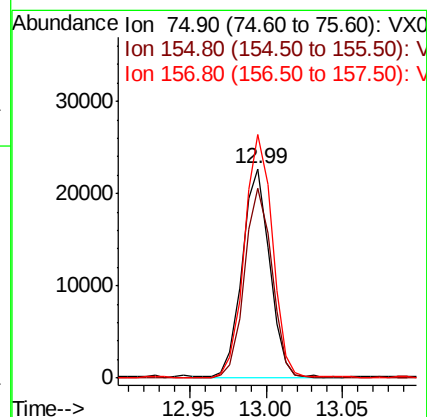
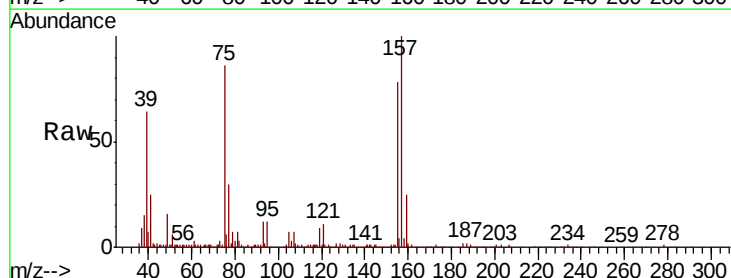
RT: 12.99 min Scan# 1986

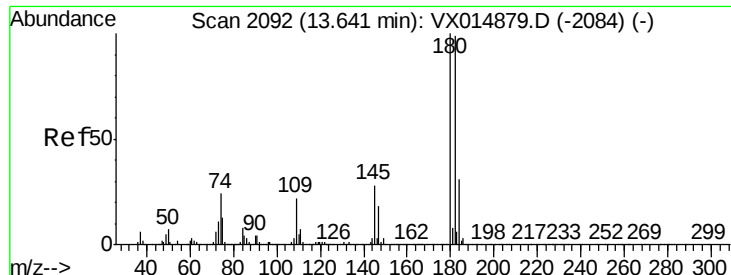
Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Tgt Ion:	75	Resp:	28100
Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.6	145.9
157	119.0	62.0	186.0

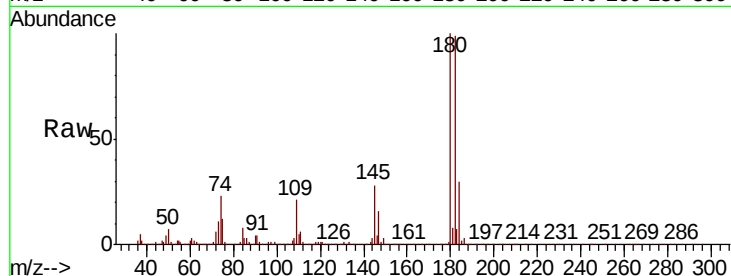




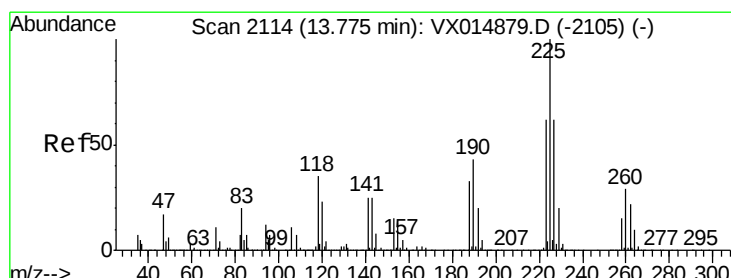
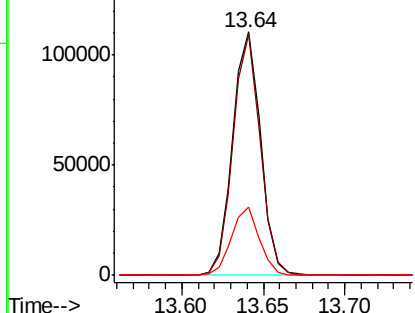
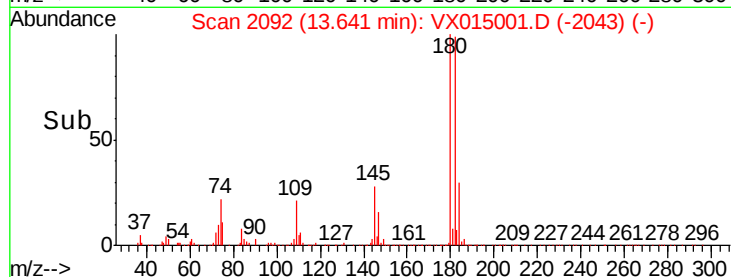
#93
 1,2,4-Trichlorobenzene
 Concen: 19.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.3
145	28.3	14.1	42.4

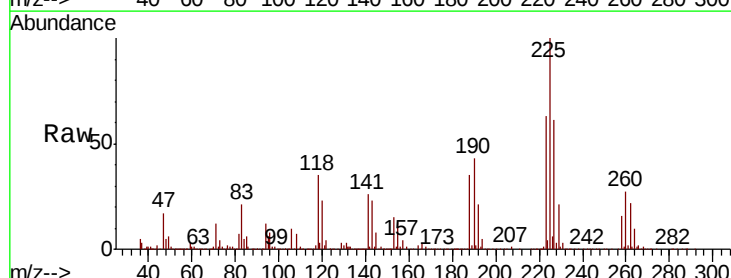


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

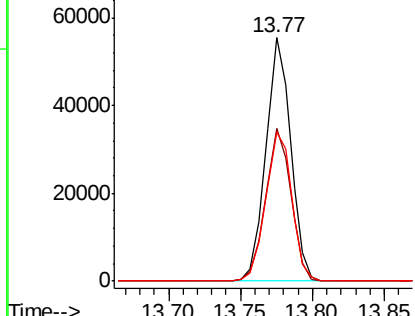
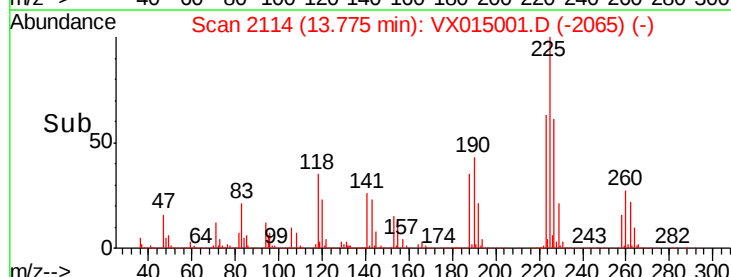


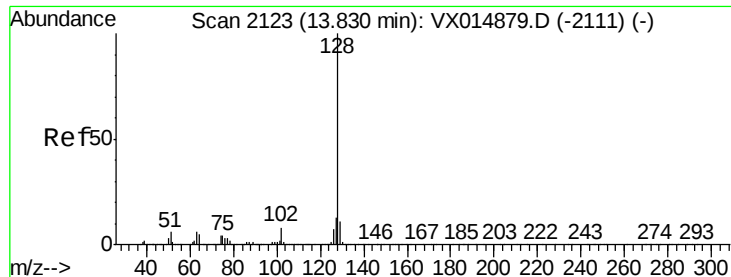
#94
 Hexachlorobutadiene
 Concen: 19.824 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015001.D
 Acq: 24 Feb 2020 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	64.1	30.9	92.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.949 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

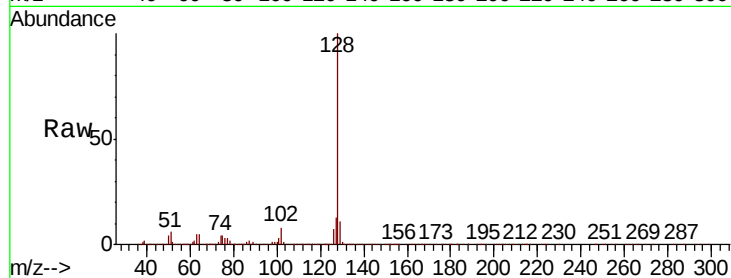
Tot Ion:128 Resp: 383941

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.6 13.0

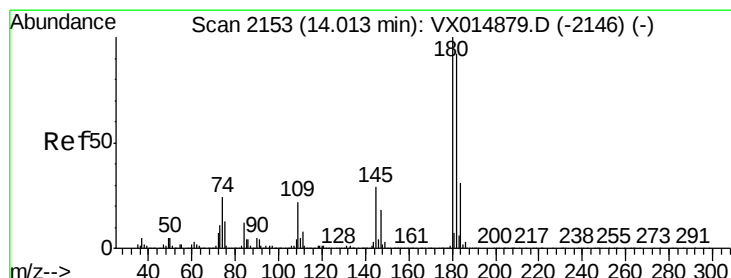
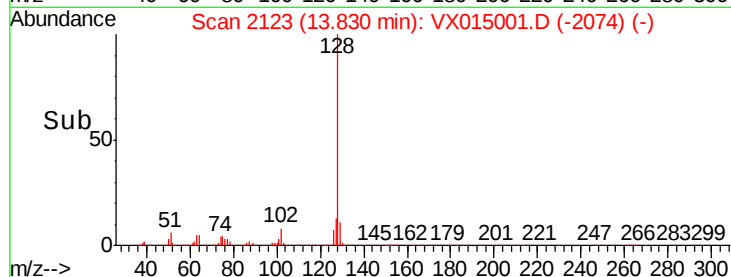
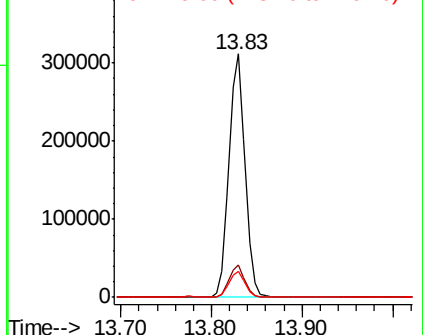


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.155 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015001.D

Acq: 24 Feb 2020 11:34

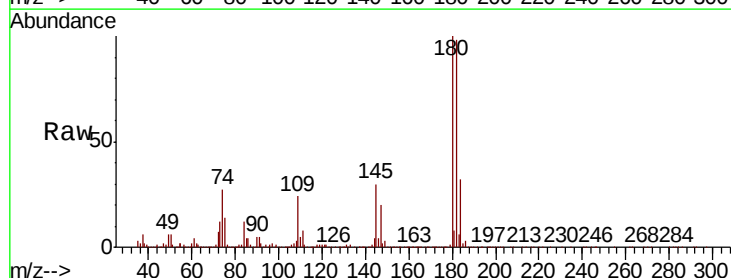
Tgt Ion:180 Resp: 134222

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 29.2 14.5 43.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

