

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014931.D
 Acq On : 12 Feb 2020 17:16
 Operator : JC/SP
 Sample : L1495-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:37:07 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	474924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	722160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	686508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373934	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	232427	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	
35) Dibromofluoromethane	5.49	113	191818	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	
50) Toluene-d8	8.71	98	736951	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.13	95	268574	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	209483	46.576	ug/l	99
3) Chloromethane	1.32	50	231335	45.368	ug/l	99
4) Vinyl Chloride	1.40	62	252735	46.010	ug/l	99
5) Bromomethane	1.63	94	156928	44.136	ug/l	96
6) Chloroethane	1.72	64	157528	44.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	345176	44.976	ug/l	99
8) Diethyl Ether	2.18	74	146130	45.916	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	194064	43.562	ug/l	100
10) Methyl Iodide	2.50	142	227061	46.094	ug/l	98
11) Tert butyl alcohol	3.03	59	223357	236.016	ug/l	99
12) 1,1-Dichloroethene	2.37	96	199152	45.749	ug/l	97
13) Acrolein	2.28	56	105845	146.746	ug/l	99
14) Allyl chloride	2.72	41	336683	43.623	ug/l	99
15) Acrylonitrile	3.13	53	562487	234.457	ug/l	99
16) Acetone	2.43	43	471210	159.714	ug/l	99
17) Carbon Disulfide	2.56	76	530795	43.641	ug/l	100
18) Methyl Acetate	2.76	43	247640	45.875	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	655475	46.267	ug/l	97
20) Methylene Chloride	2.85	84	222322	43.119	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	216390	45.050	ug/l	99
22) Diisopropyl ether	3.84	45	682093	46.273	ug/l	88
23) Vinyl Acetate	3.80	43	2055161	169.128	ug/l	100
24) 1,1-Dichloroethane	3.69	63	377629	45.392	ug/l	99
25) 2-Butanone	4.65	43	769420	210.858	ug/l	99
26) 2,2-Dichloropropane	4.58	77	294651	41.097	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	252357	47.000	ug/l	98
28) Bromochloromethane	5.01	49	152062	47.156	ug/l	99
29) Tetrahydrofuran	5.11	42	501374	241.703	ug/l	99
30) Chloroform	5.20	83	387967	47.003	ug/l	99
31) Cyclohexane	5.58	56	339768	44.840	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	324265	44.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288079	44.595	ug/l	100
37) Ethyl Acetate	4.82	43	309687	45.964	ug/l	100
38) Carbon Tetrachloride	5.78	117	278092	44.174	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346386	42.874	ug/l	97
40) Benzene	6.14	78	870201	45.085	ug/l	100
41) Methacrylonitrile	5.03	41	172656	47.568	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310230	44.471	ug/l	99
43) Isopropyl Acetate	6.43	43	507724	45.681	ug/l	100
44) Trichloroethene	7.21	130	263402	47.010	ug/l	99
45) 1,2-Dichloropropane	7.51	63	222003	45.101	ug/l	97
46) Dibromomethane	7.65	93	150269	44.660	ug/l	99
47) Bromodichloromethane	7.89	83	298536	44.748	ug/l	98
48) Methyl methacrylate	7.76	41	256306	46.858	ug/l	99
49) 1,4-Dioxane	7.73	88	102571	1002.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1576346	234.882	ug/l	100
52) Toluene	8.78	92	554218	45.209	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	330024	45.137	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	354676	43.911	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	226961	45.760	ug/l	99
56) Ethyl methacrylate	9.17	69	350720	47.045	ug/l	99
57) 1,3-Dichloropropane	9.37	76	375709	45.001	ug/l	99
59) 2-Hexanone	9.48	43	1203401	228.128	ug/l	100
60) Dibromochloromethane	9.57	129	245068	45.915	ug/l	97
61) 1,2-Dibromoethane	9.67	107	240689	44.977	ug/l	99
64) Tetrachloroethene	9.33	164	245075	38.182	ug/l	98
65) Chlorobenzene	10.14	112	596765	42.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	222436	44.002	ug/l	99
67) Ethyl Benzene	10.25	91	1058268	44.689	ug/l	99
68) m/p-Xylenes	10.35	106	806538	88.411	ug/l	99
69) o-Xylene	10.70	106	385759	43.990	ug/l	100
70) Styrene	10.71	104	301936	20.352	ug/l	89
71) Bromoform	10.85	173	188799	44.745	ug/l	99
73) Isopropylbenzene	11.01	105	1039537	44.330	ug/l	100
74) N-amyl acetate	10.89	43	447381	45.916	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340446	44.413	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	390073	57.686	ug/l	93
77) Bromobenzene	11.25	156	276958	42.315	ug/l	98
78) n-propylbenzene	11.35	91	1173577	43.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	688464	43.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	870704	44.438	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	111689	42.279	ug/l	97
82) 4-Chlorotoluene	11.51	91	809001	42.845	ug/l	100
83) tert-Butylbenzene	11.76	119	857050	46.191	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	869924	44.056	ug/l	99
85) sec-Butylbenzene	11.94	105	1006704	43.675	ug/l	99
86) p-Isopropyltoluene	12.06	119	943530	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	491011	41.817	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	494481	41.239	ug/l	99
89) n-Butylbenzene	12.38	91	825995	42.758	ug/l	100
90) Hexachloroethane	12.59	117	162825	43.226	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	491192	42.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74540	41.449	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	353587	41.603	ug/l	99

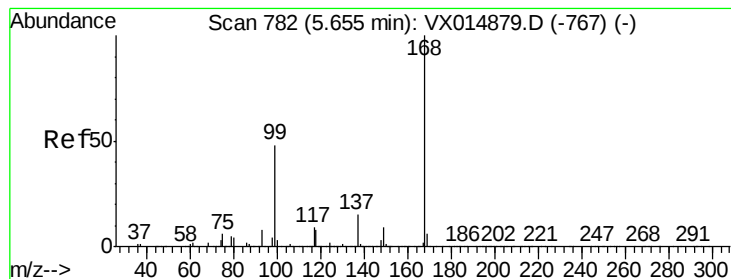
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	169831	41.313	ug/l	98
95) Naphthalene	13.83	128	1043058	46.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	352514	42.930	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

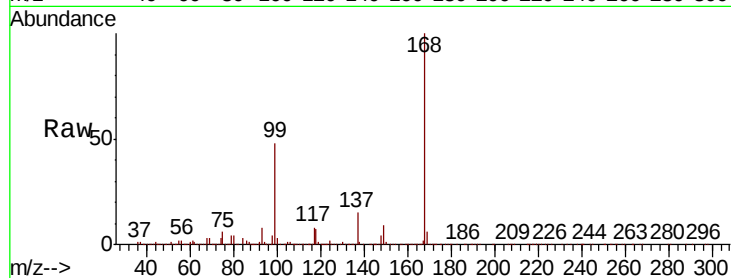
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 474924

Ion Ratio Lower Upper

168 100

99 47.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

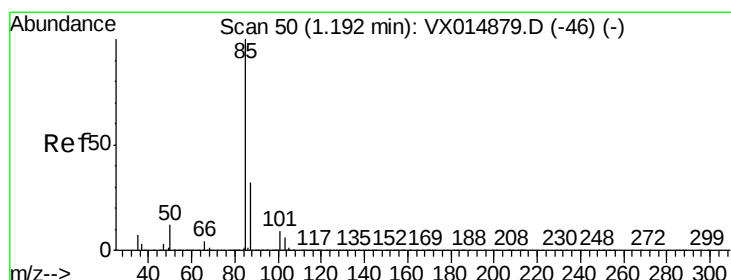
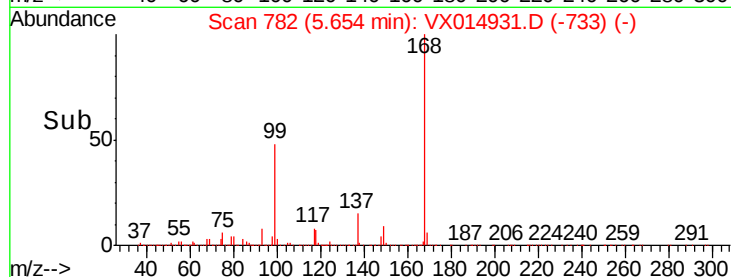
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.576 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014931.D

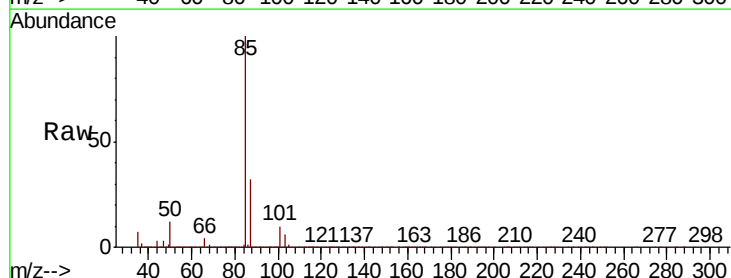
Acq: 12 Feb 2020 17:16

Tgt Ion: 85 Resp: 209483

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

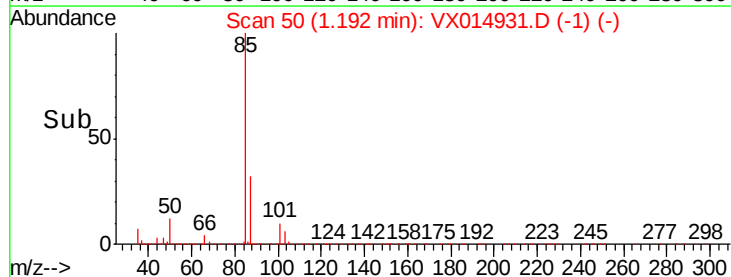
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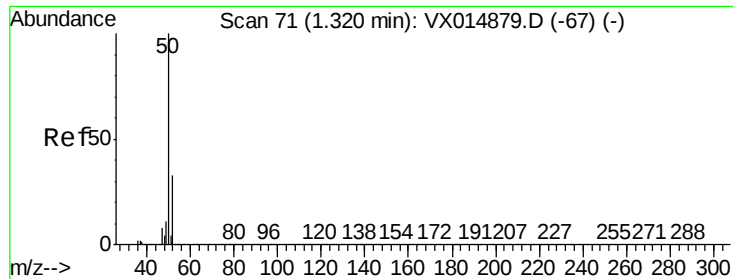
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50000

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Time-->

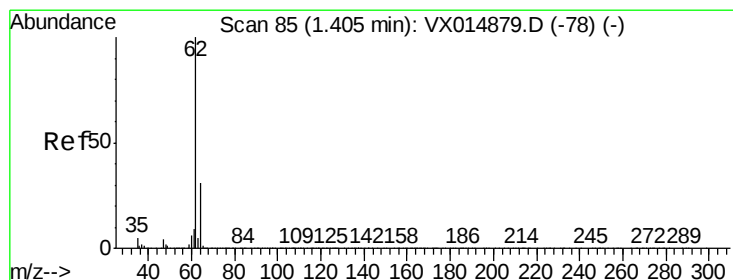
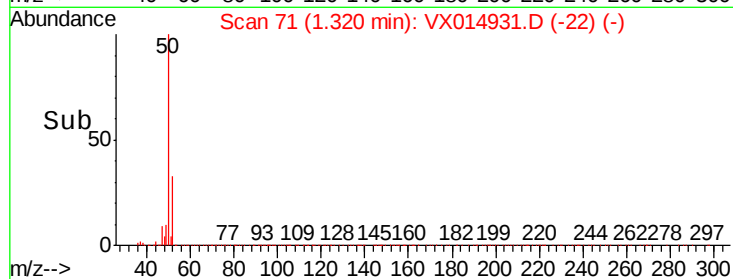
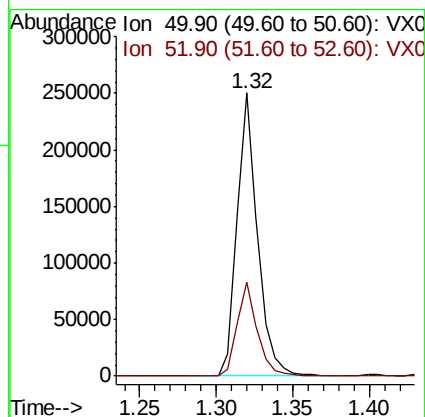
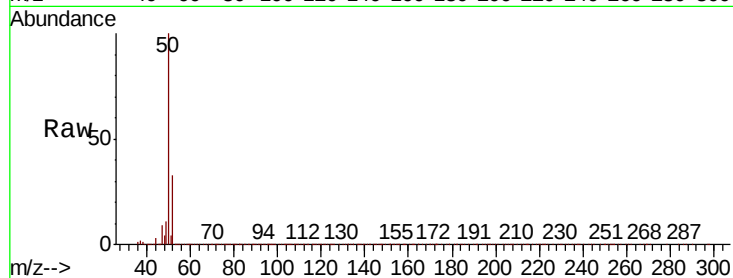




#3
Chloromethane
Concen: 45.368 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

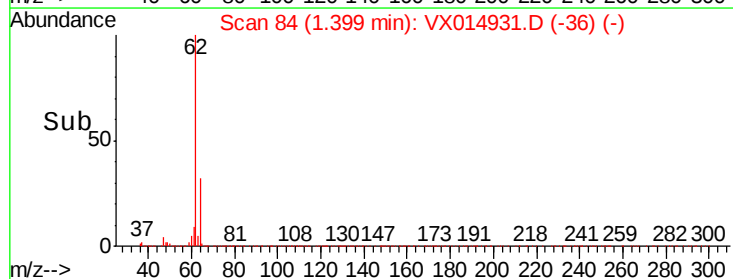
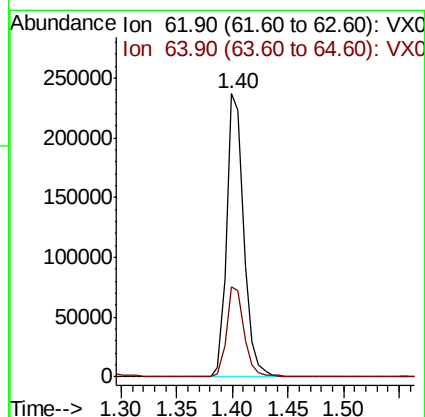
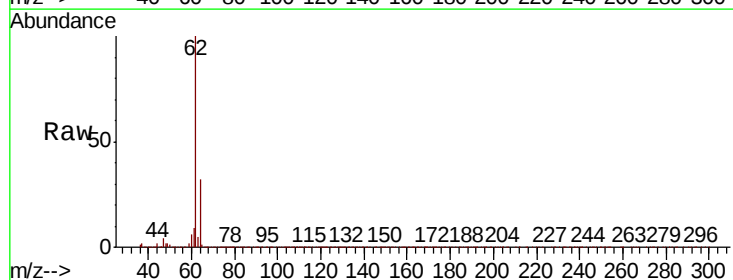
Instrument :
MSVOA_X
ClientSampled :

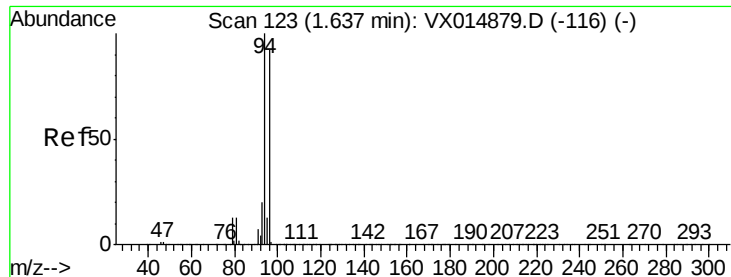
Tot Ion: 50 Resp: 231335
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 46.010 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 62 Resp: 252735
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2





#5

Bromomethane

Concen: 44.136 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

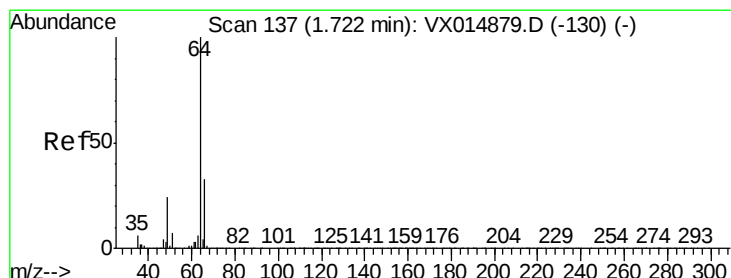
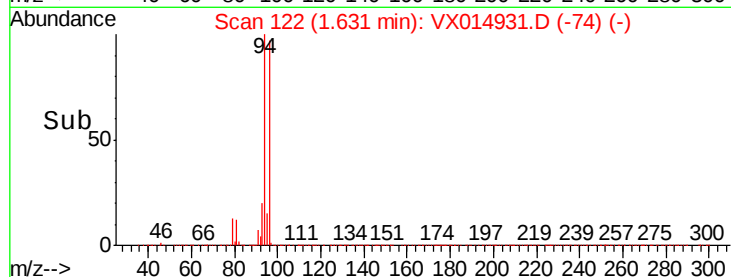
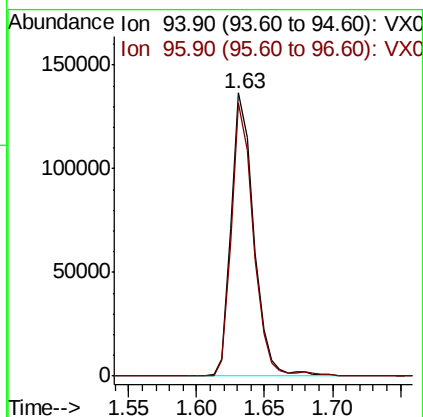
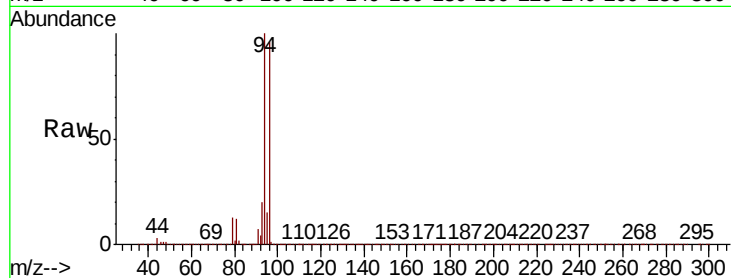
ClientSampled :

Tot Ion: 94 Resp: 156928

Ion Ratio Lower Upper

94 100

96 96.3 73.7 110.5



#6

Chloroethane

Concen: 44.819 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014931.D

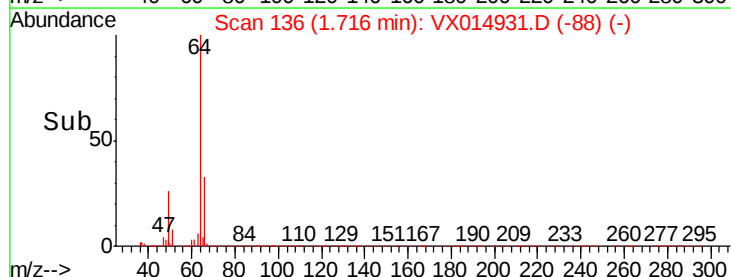
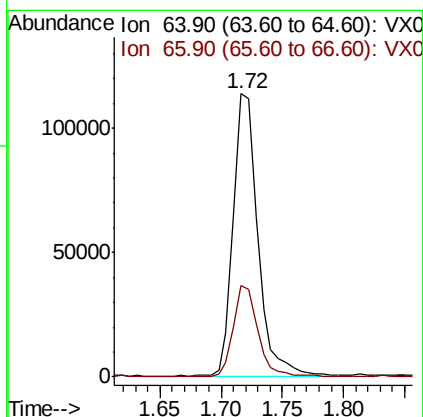
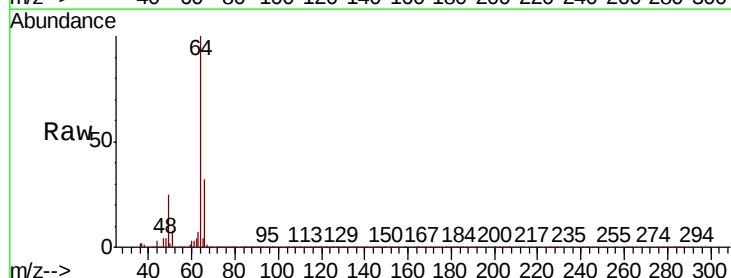
Acq: 12 Feb 2020 17:16

Tgt Ion: 64 Resp: 157528

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



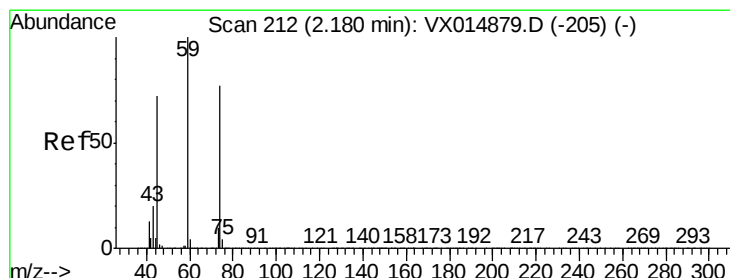
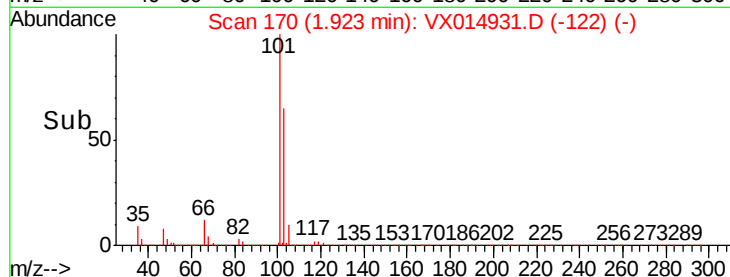
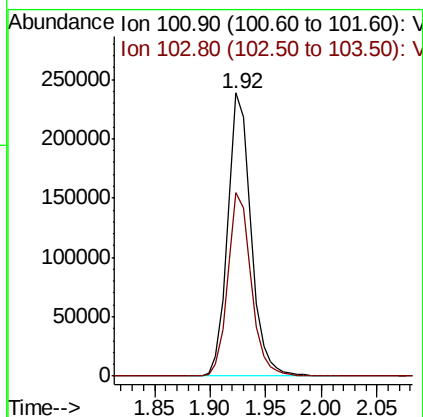
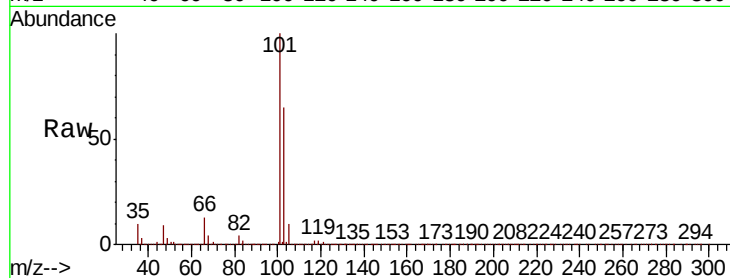


#7

Trichlorofluoromethane
Concen: 44.976 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :

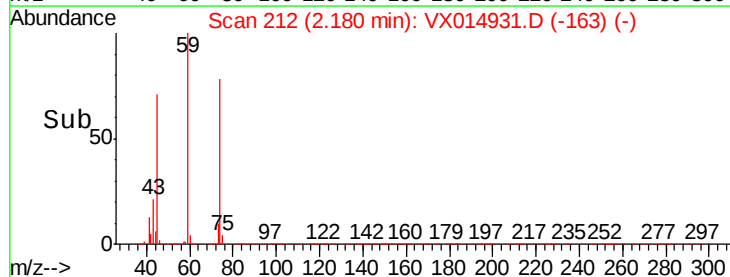
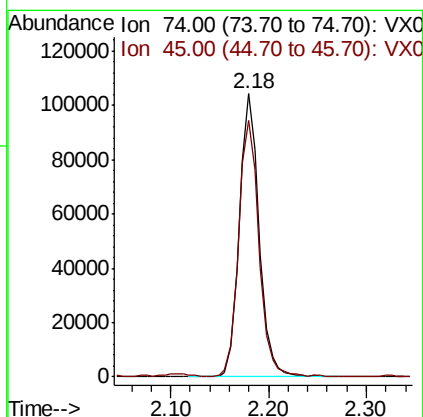
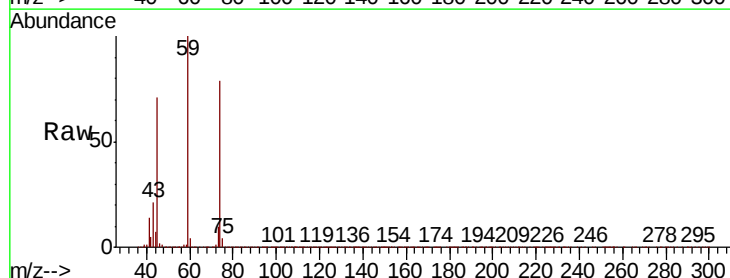
Tot Ion:101 Resp: 345176
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

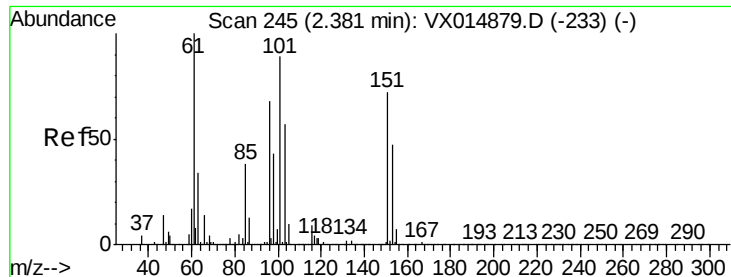


#8

Diethyl Ether
Concen: 45.916 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 74 Resp: 146130
Ion Ratio Lower Upper
74 100
45 91.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.562 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014931.D

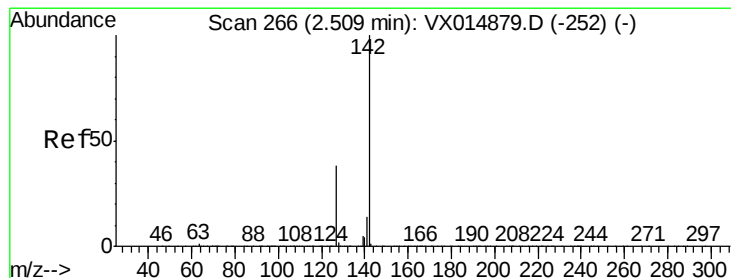
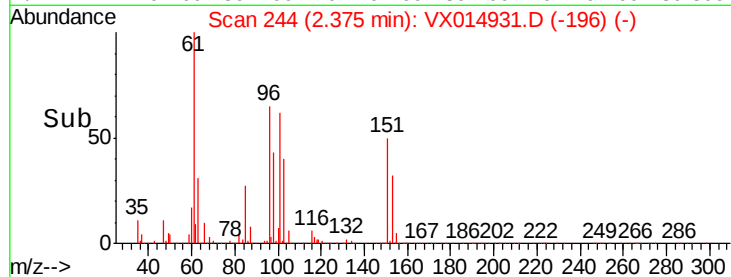
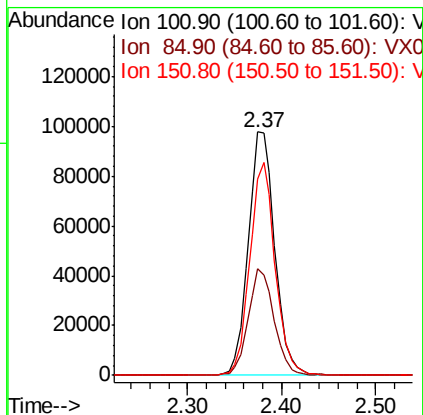
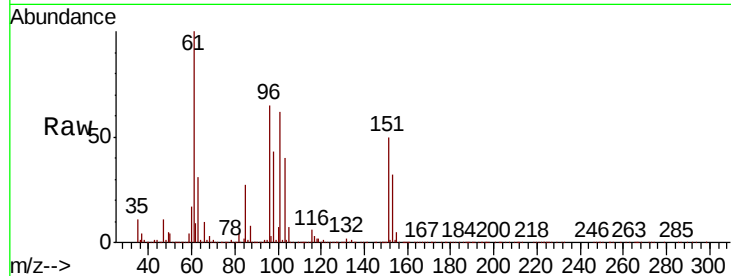
Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	194064
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.1	51.1
151	83.6	67.3	100.9



#10

Methyl Iodide

Concen: 46.094 ug/l

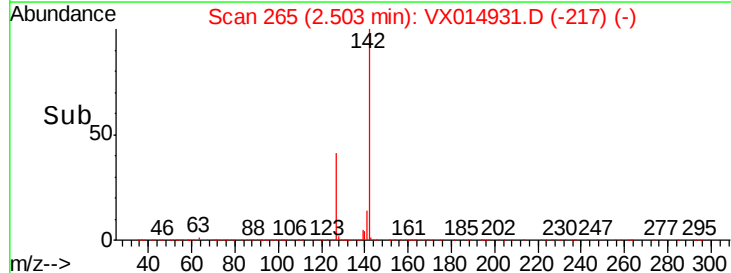
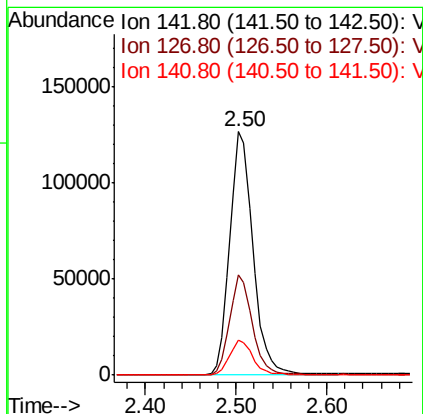
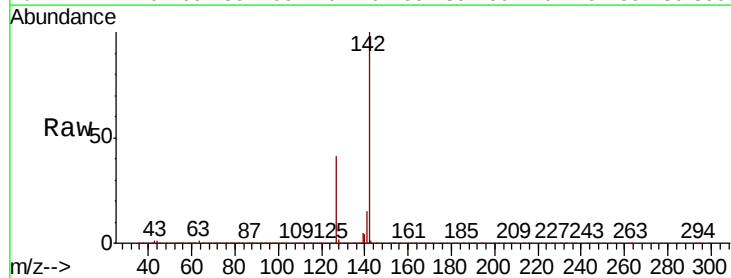
RT: 2.50 min Scan# 265

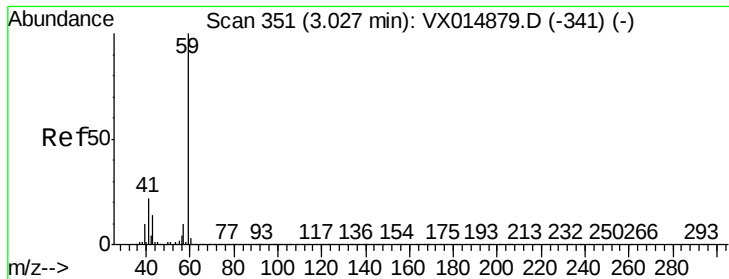
Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	142	Resp:	227061
Ion	Ratio	Lower	Upper
142	100		
127	40.2	31.1	46.7
141	14.4	11.3	16.9



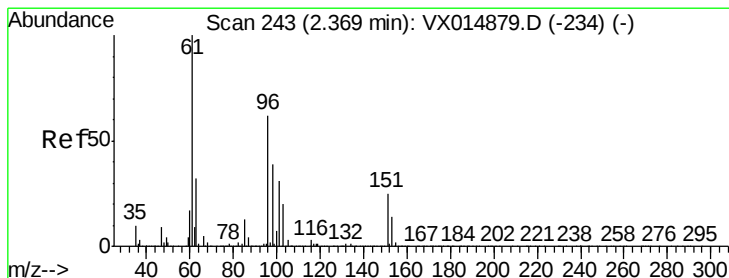
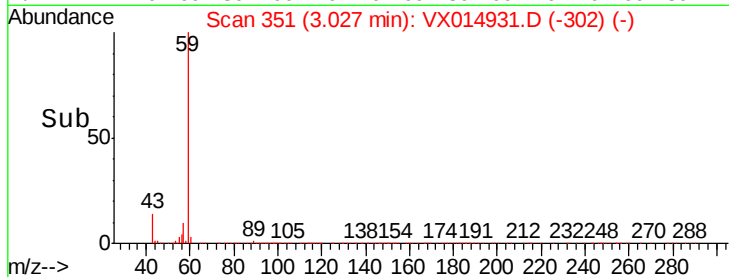
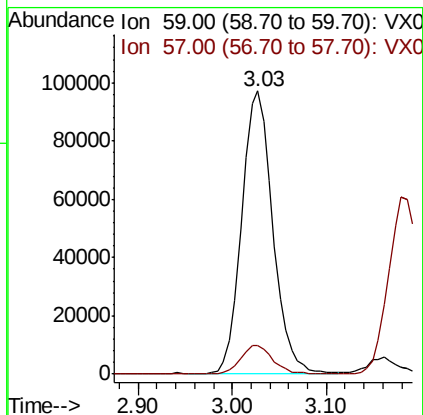
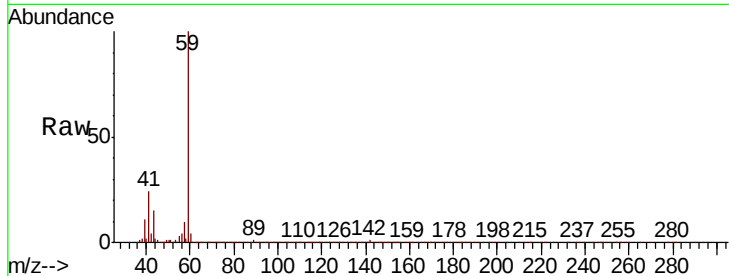


#11

Tert butyl alcohol
Concen: 236.016 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampled :

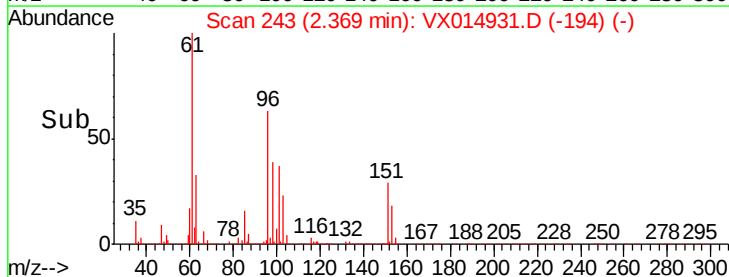
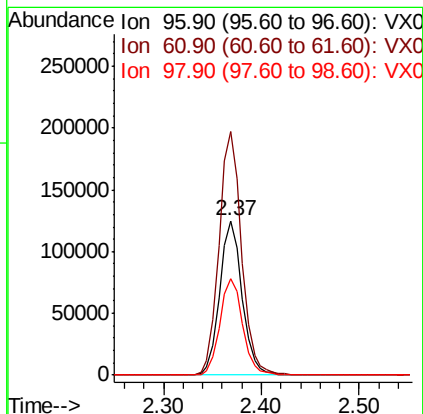
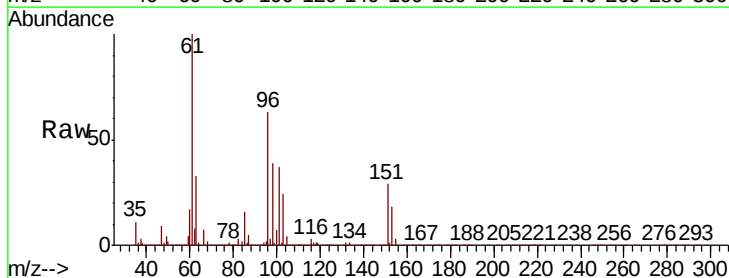
Tot Ion: 59 Resp: 223357
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

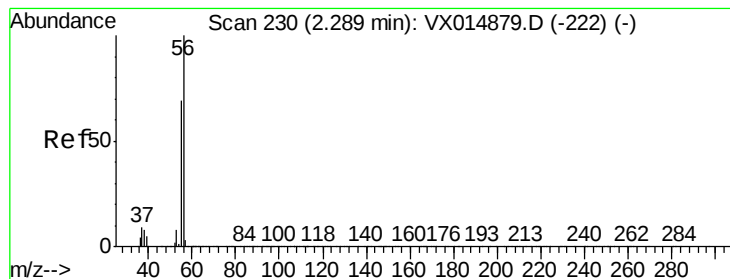


#12

1,1-Dichloroethene
Concen: 45.749 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 96 Resp: 199152
Ion Ratio Lower Upper
96 100
61 157.7 129.5 194.3
98 62.0 50.6 76.0





#13

Acrolein

Concen: 146.746 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

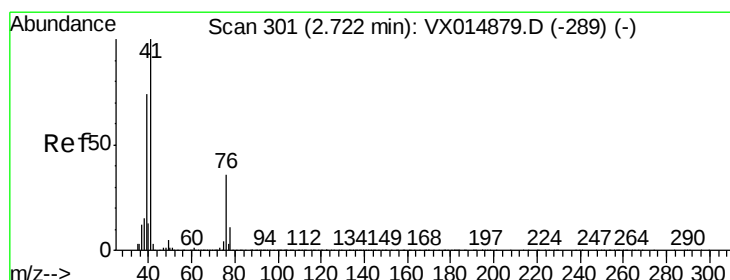
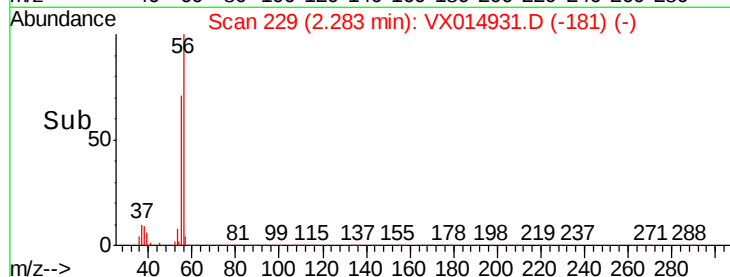
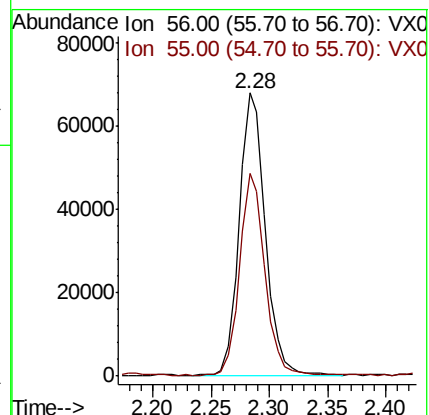
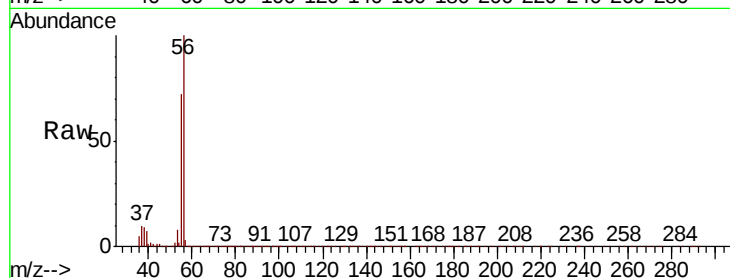
ClientSampleId :

Tot Ion: 56 Resp: 105845

Ion Ratio Lower Upper

56 100

55 69.2 55.0 82.4



#14

Allyl chloride

Concen: 43.623 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

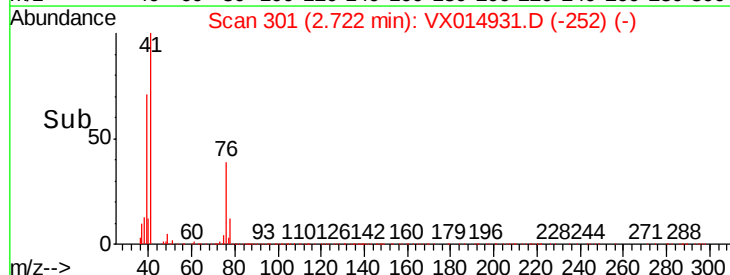
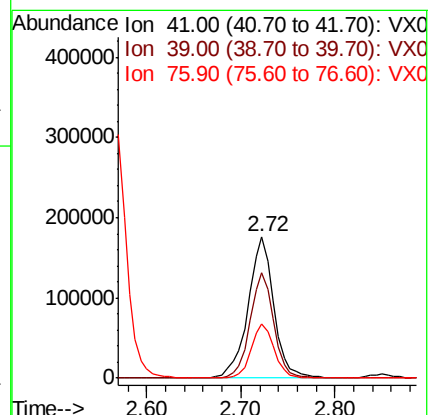
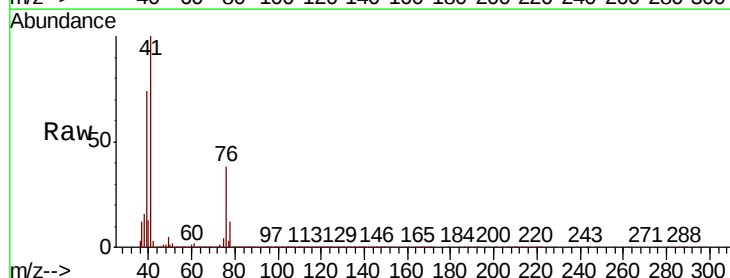
Tgt Ion: 41 Resp: 336683

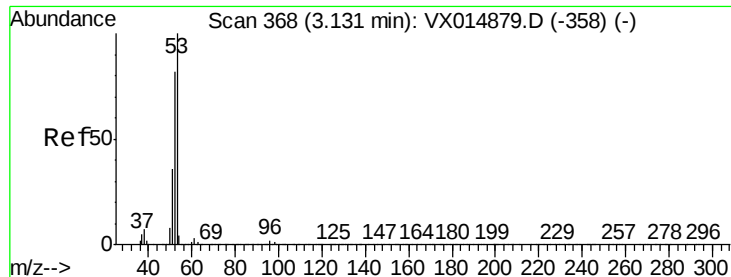
Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 34.3 26.8 40.2





#15

Acrylonitrile

Concen: 234.457 ug/l

RT: 3.13 min Scan# 368

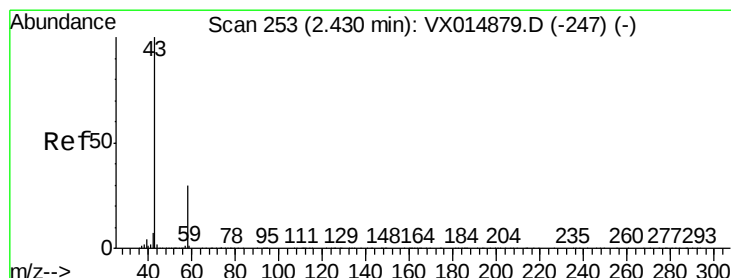
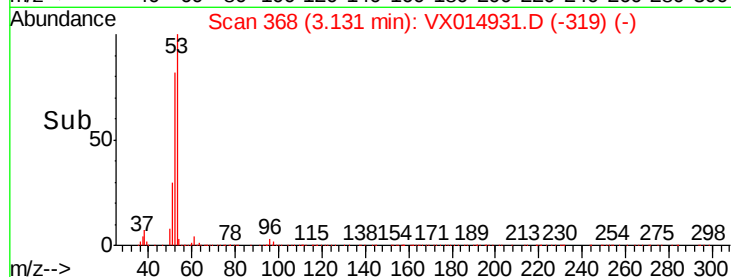
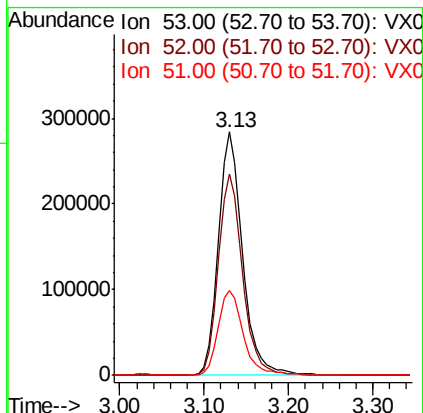
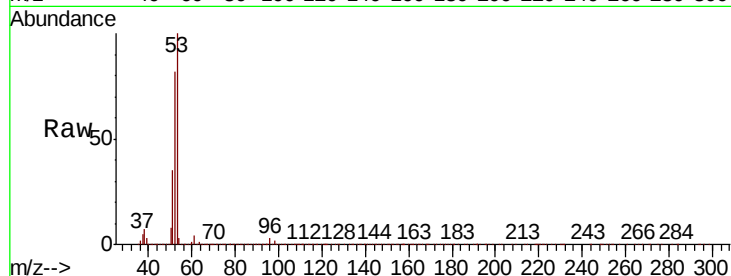
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	562487
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.6
51	36.6	29.1	43.7



#16

Acetone

Concen: 159.714 ug/l

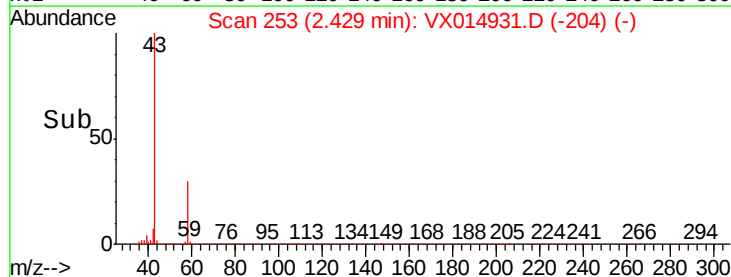
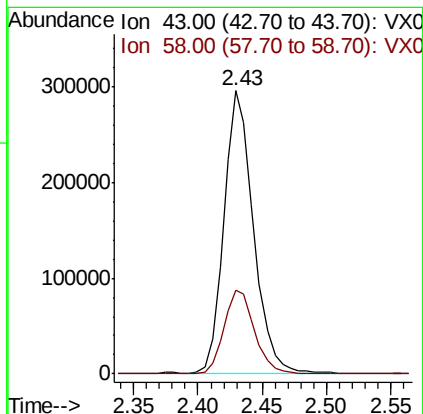
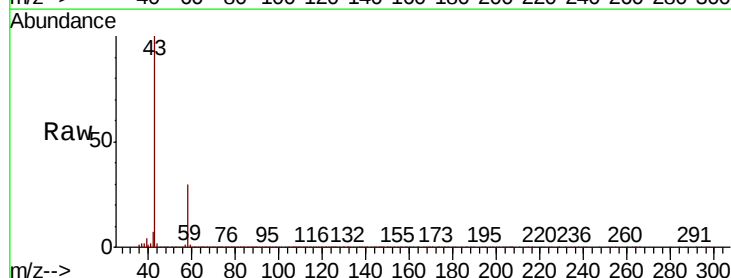
RT: 2.43 min Scan# 253

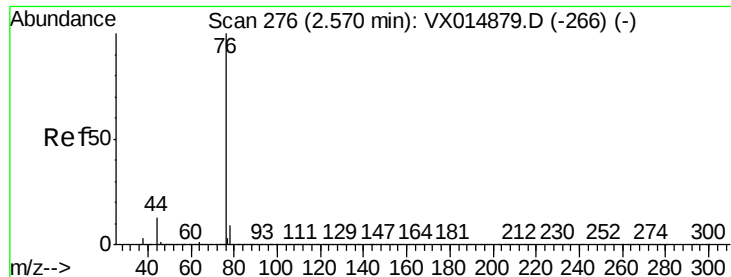
Delta R.T. 0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	43	Resp:	471210
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.1	36.1





#17

Carbon Disulfide

Concen: 43.641 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

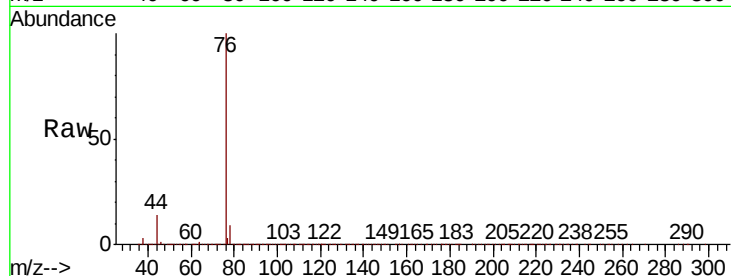
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 530795

Ion Ratio Lower Upper

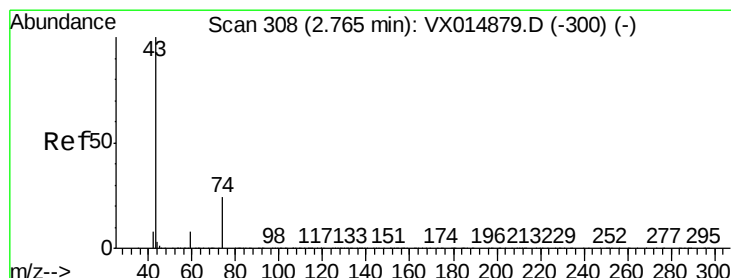
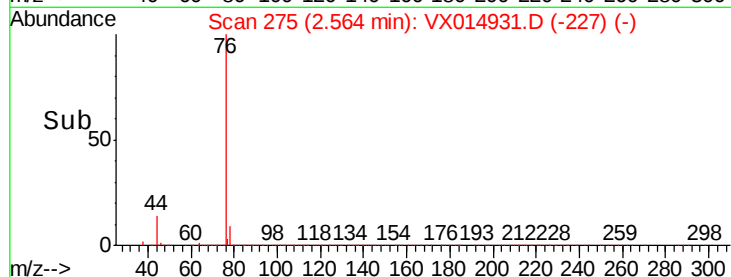
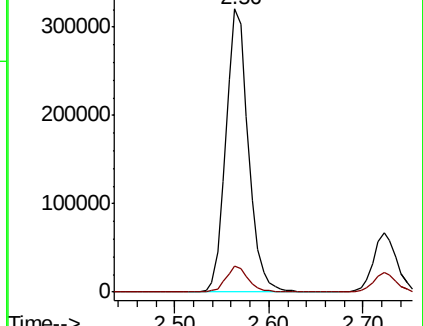
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.875 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014931.D

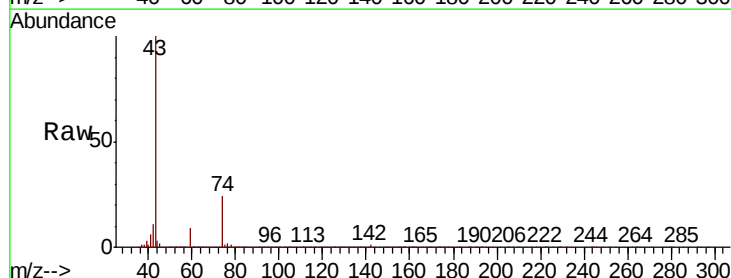
Acq: 12 Feb 2020 17:16

Tgt Ion: 43 Resp: 247640

Ion Ratio Lower Upper

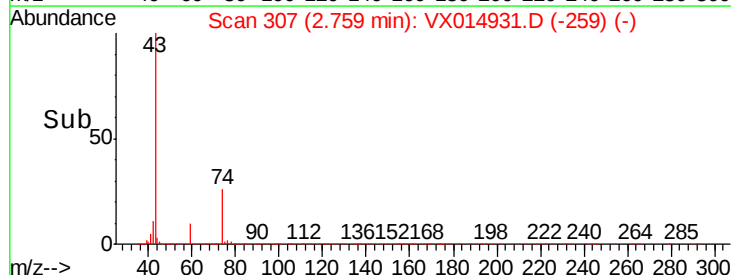
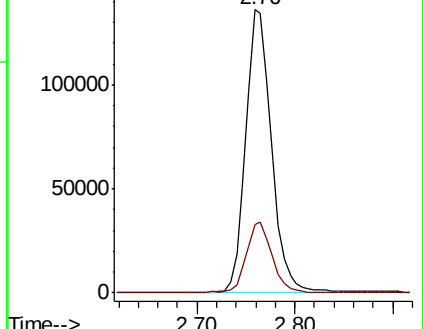
43 100

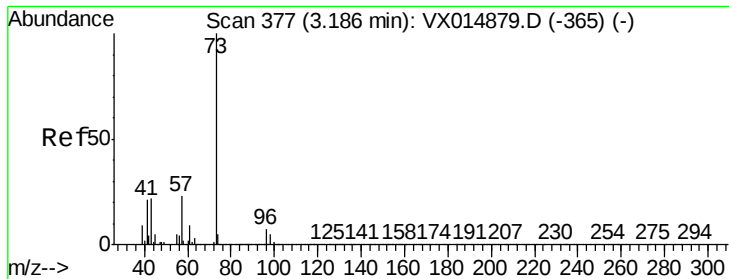
74 24.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

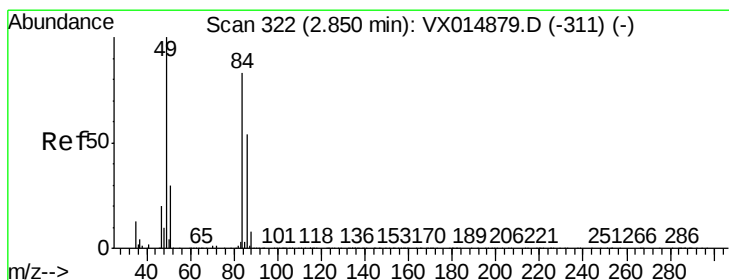
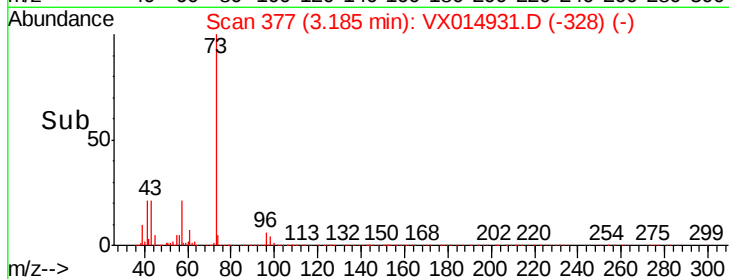
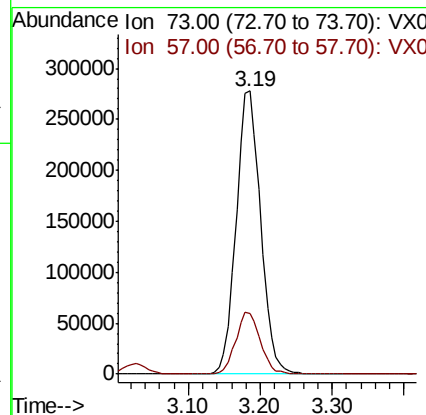
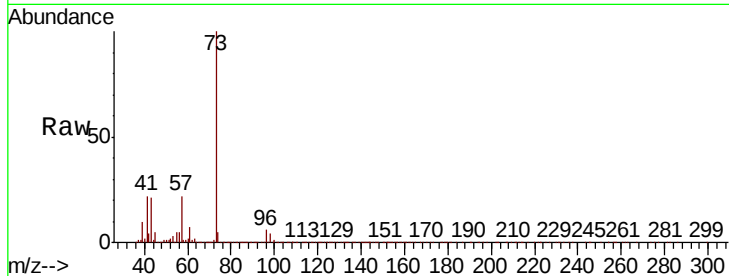




#19
Methvl tert-butvl Ether
Concen: 46.267 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

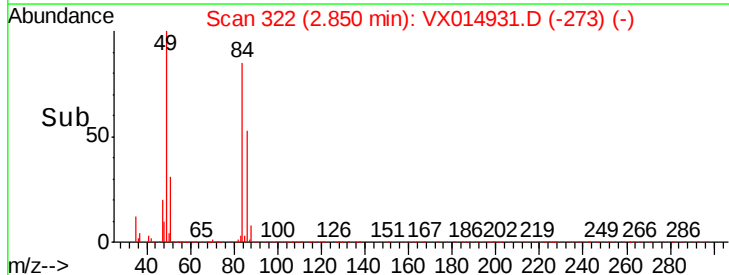
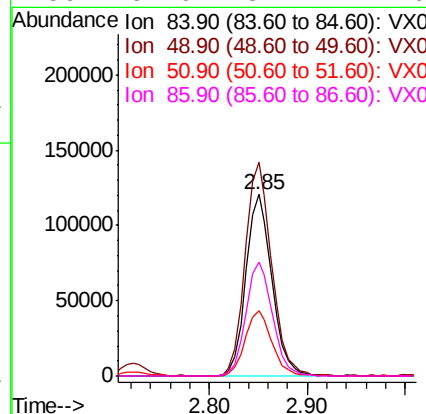
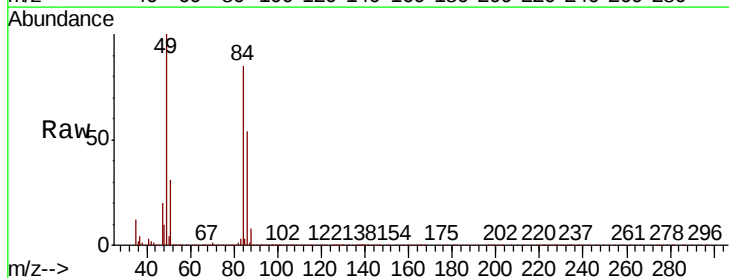
Instrument :
MSVOA_X
ClientSampleId :

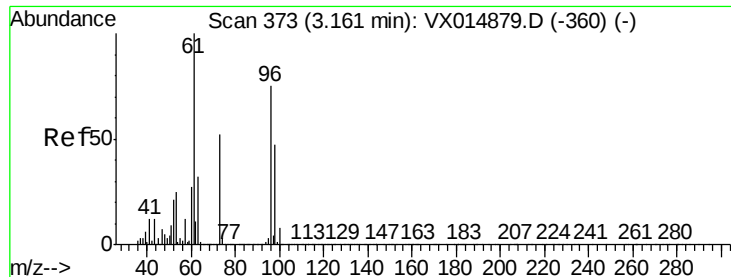
Tot Ion: 73 Resp: 655475
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: 43.119 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 84 Resp: 222322
Ion Ratio Lower Upper
84 100
49 117.7 95.6 143.4
51 36.0 29.0 43.6
86 62.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 45.050 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

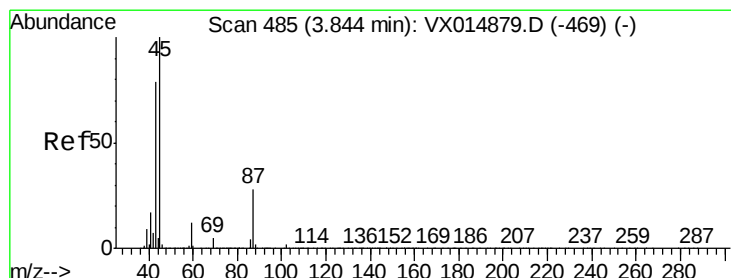
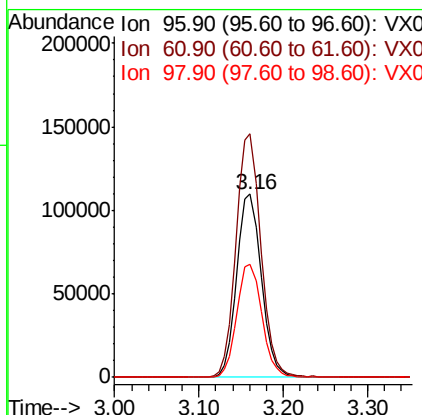
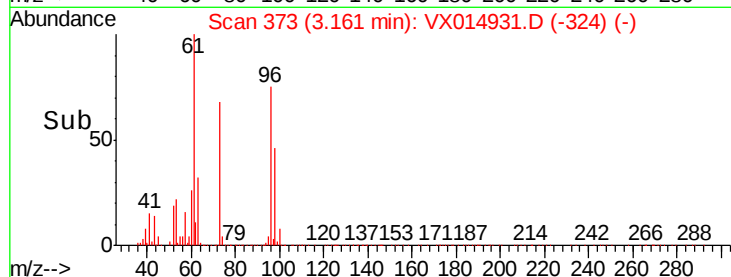
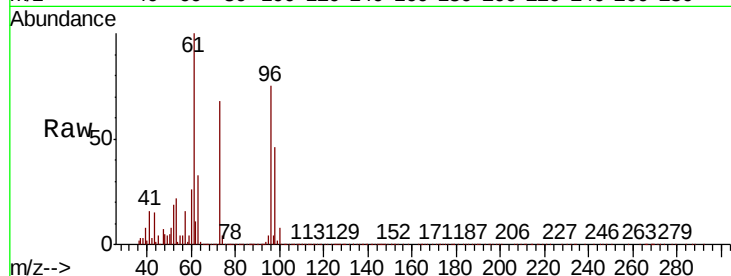
Tot Ion: 96 Resp: 216390

Ion Ratio Lower Upper

96 100

61 133.0 106.9 160.3

98 61.6 50.7 76.1



#22

Diisopropyl ether

Concen: 46.273 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion: 45 Resp: 682093

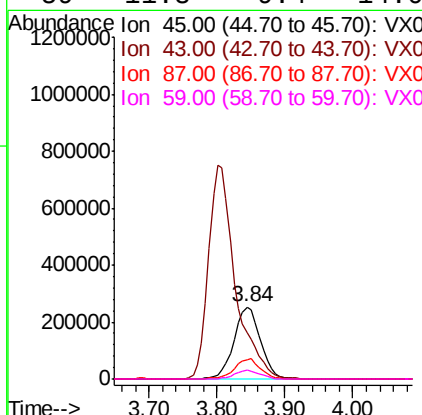
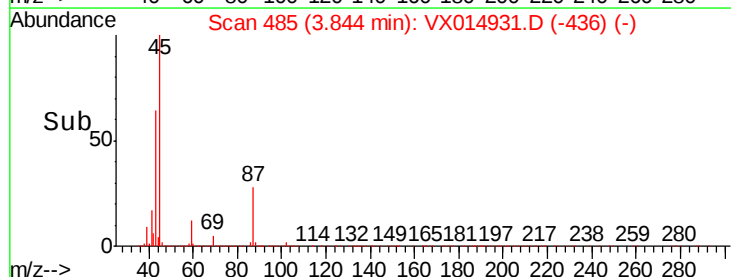
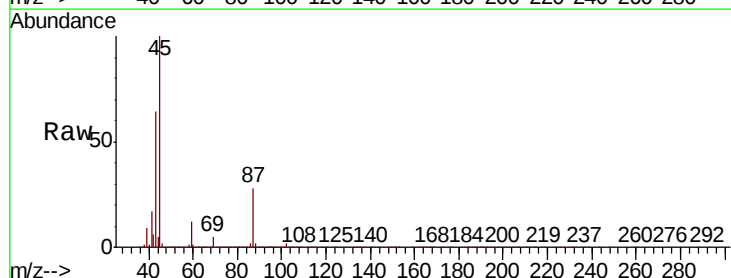
Ion Ratio Lower Upper

45 100

43 64.0 63.5 95.3

87 27.6 22.2 33.4

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 169.128 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

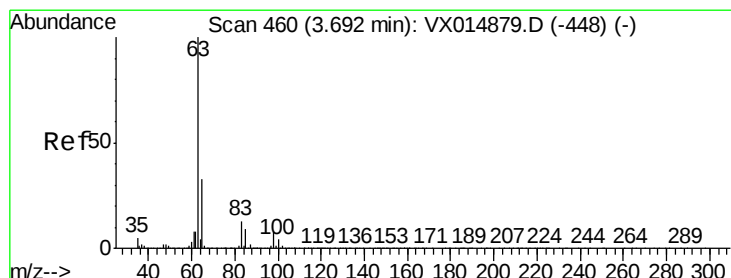
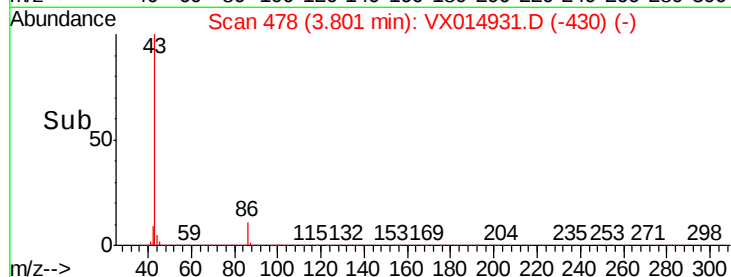
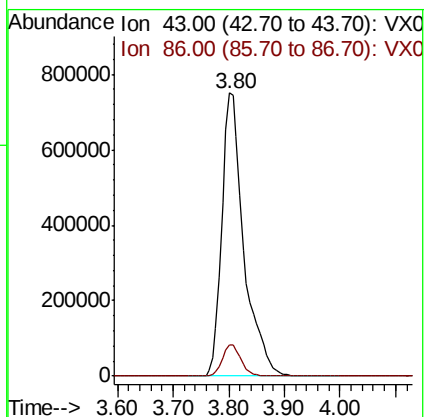
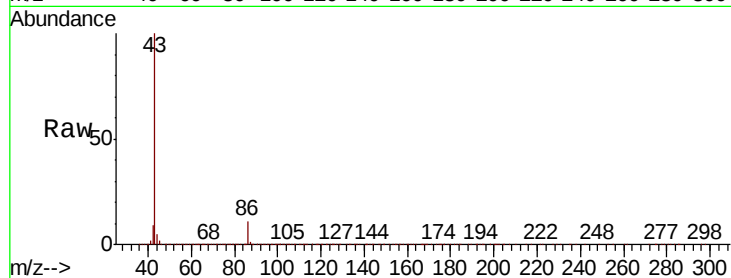
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2055161

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 45.392 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

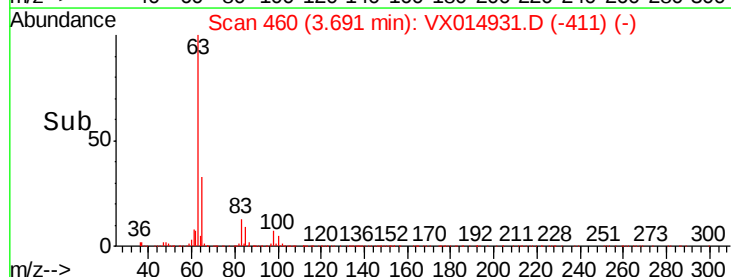
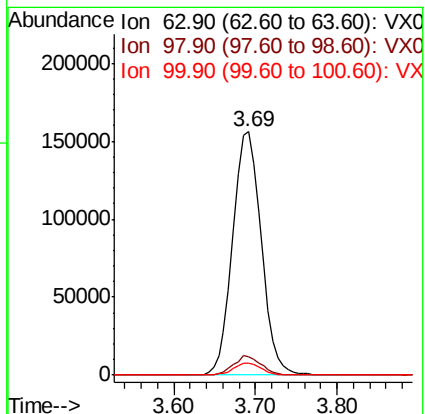
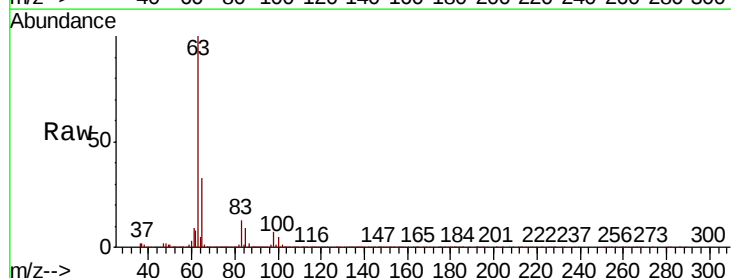
Tgt Ion: 63 Resp: 377629

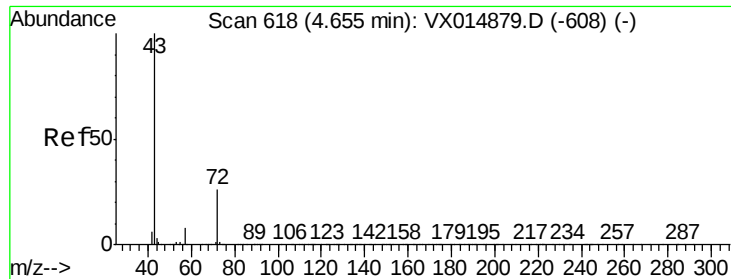
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 210.858 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

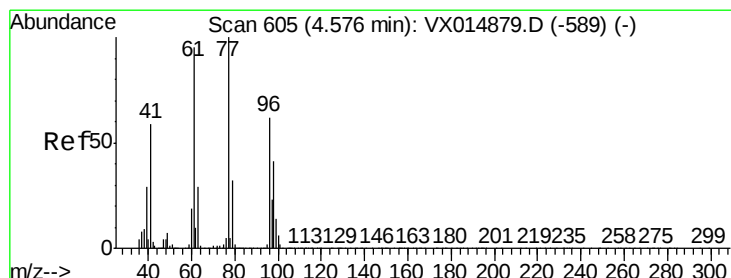
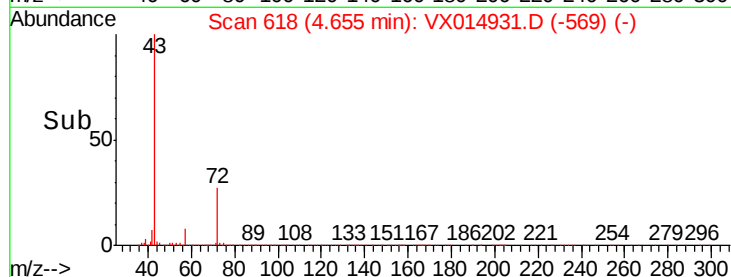
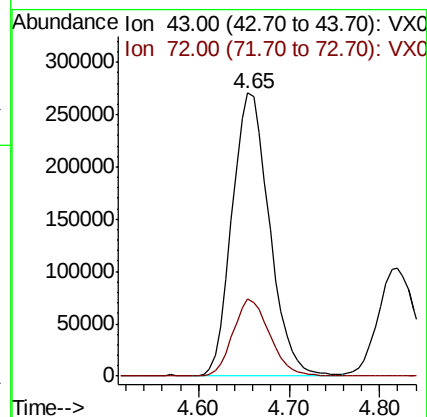
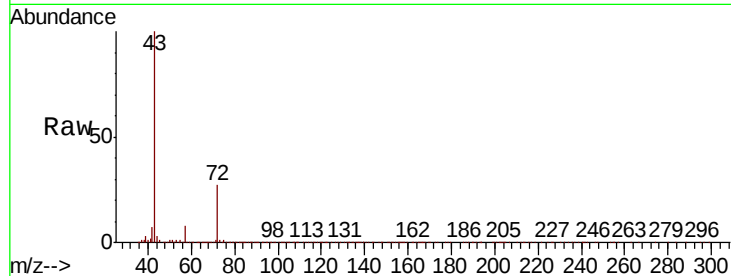
ClientSampleId :

Tot Ion: 43 Resp: 769420

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 41.097 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014931.D

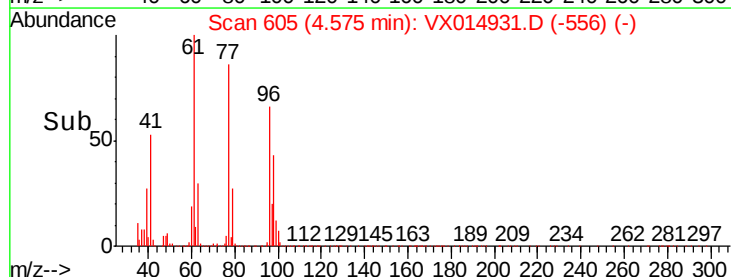
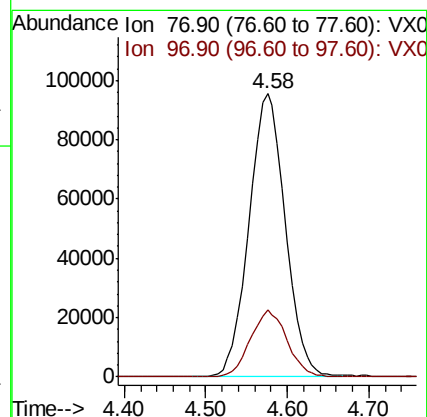
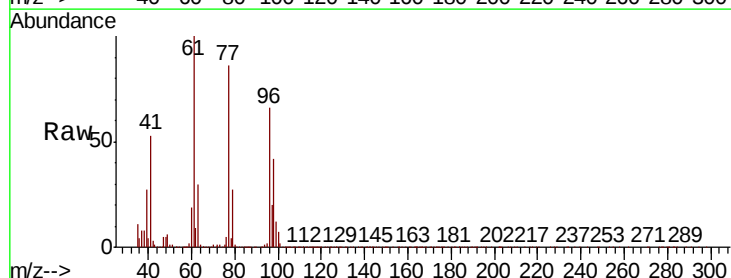
Acq: 12 Feb 2020 17:16

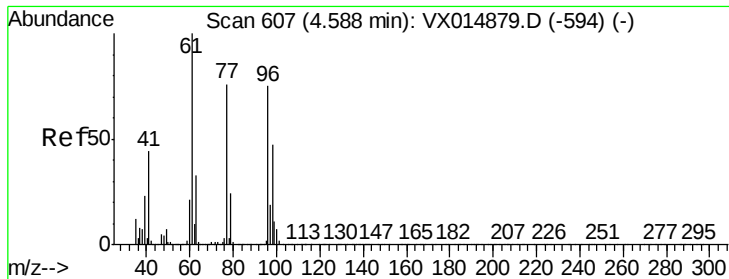
Tgt Ion: 77 Resp: 294651

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



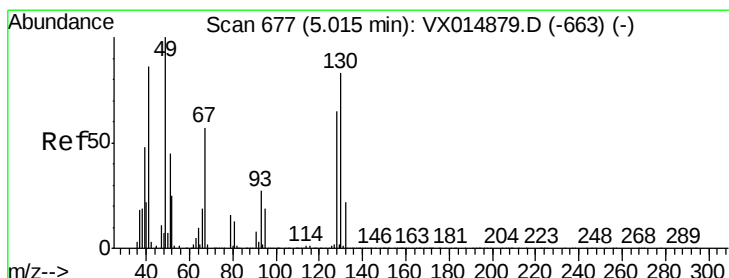
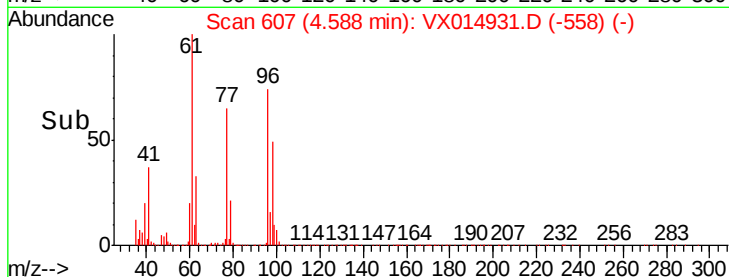
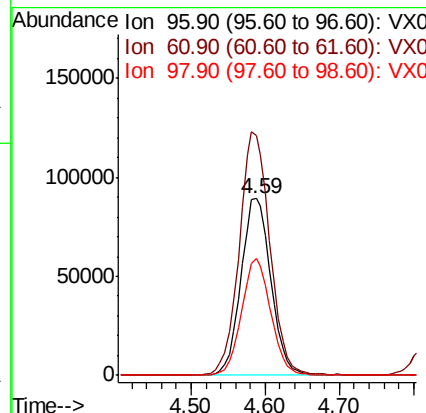
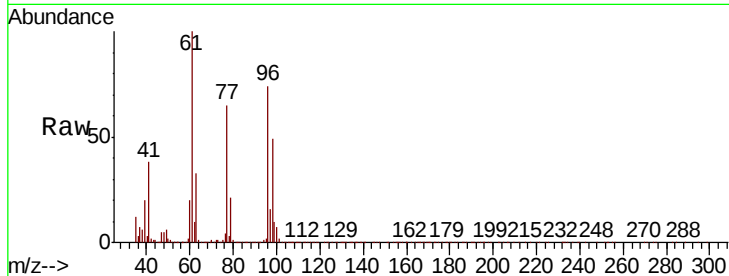


#27

cis-1,2-Dichloroethene
Concen: 47.000 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :

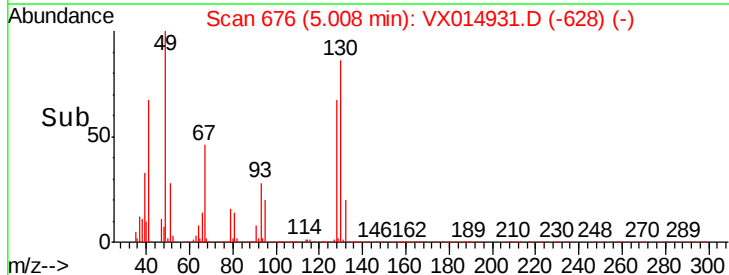
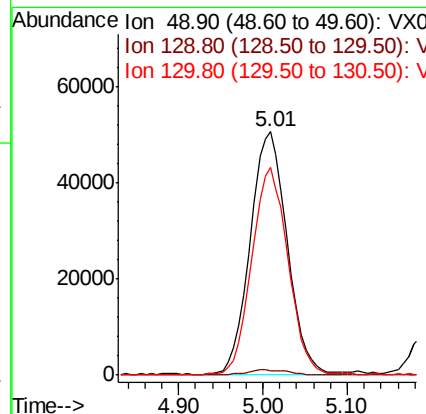
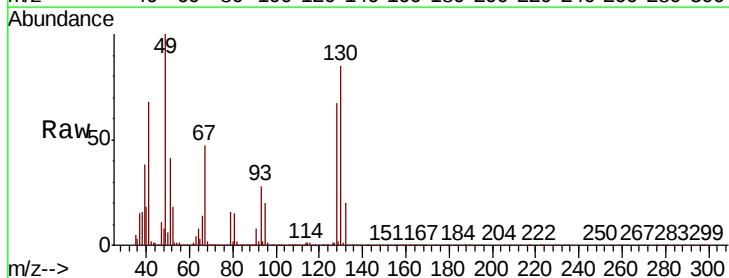
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	286.2
98	64.7	0.0	131.0

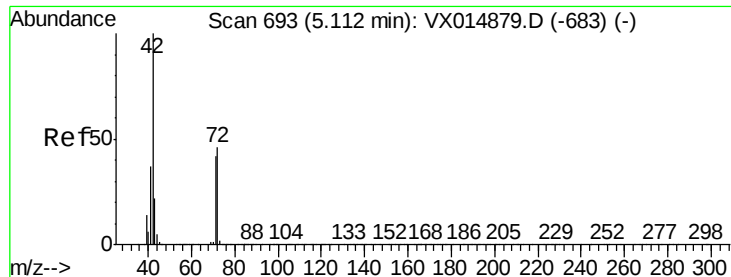


#28

Bromochloromethane
Concen: 47.156 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	83.6	67.4	101.2





#29

Tetrahydrofuran

Concen: 241.703 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

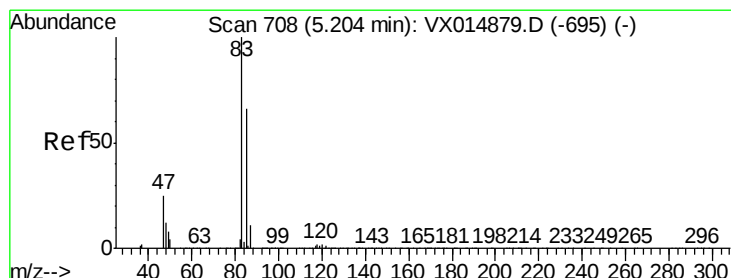
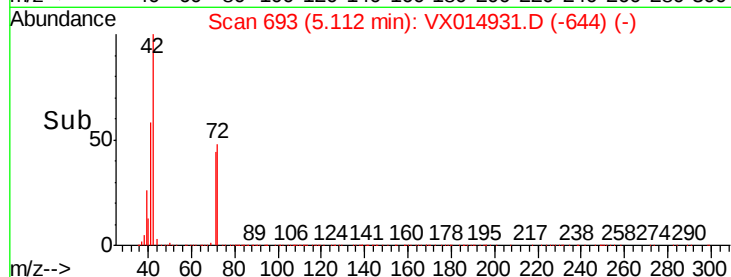
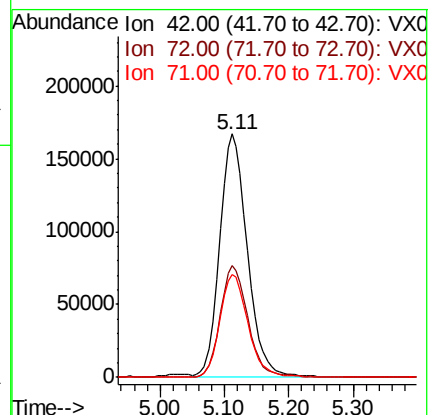
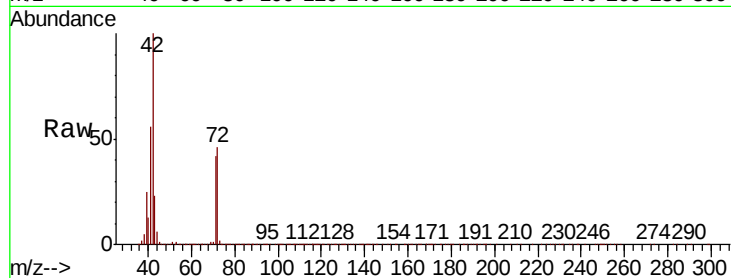
Tot Ion: 42 Resp: 501374

Ion Ratio Lower Upper

42 100

72 46.7 36.9 55.3

71 42.9 34.1 51.1



#30

Chloroform

Concen: 47.003 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014931.D

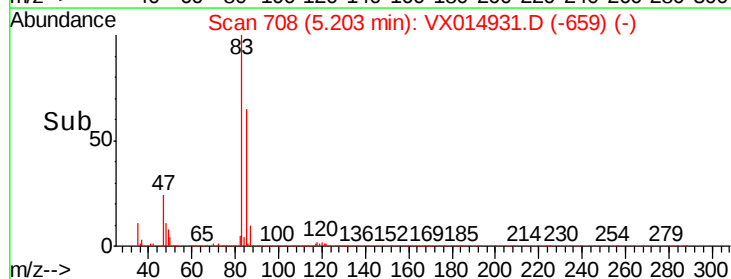
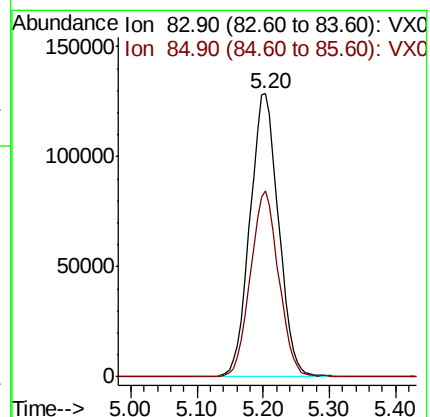
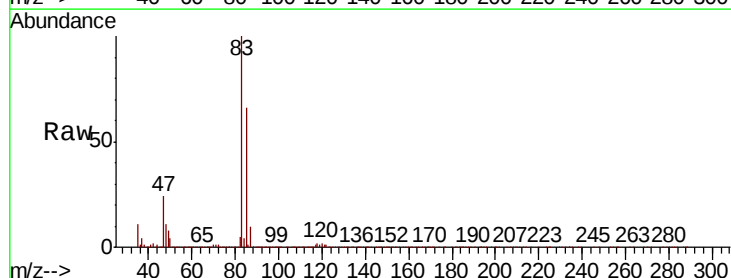
Acq: 12 Feb 2020 17:16

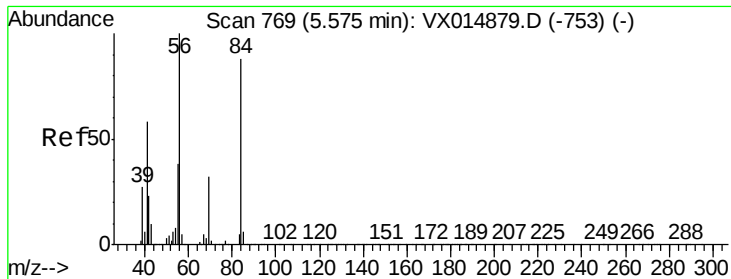
Tgt Ion: 83 Resp: 387967

Ion Ratio Lower Upper

83 100

85 65.7 52.9 79.3

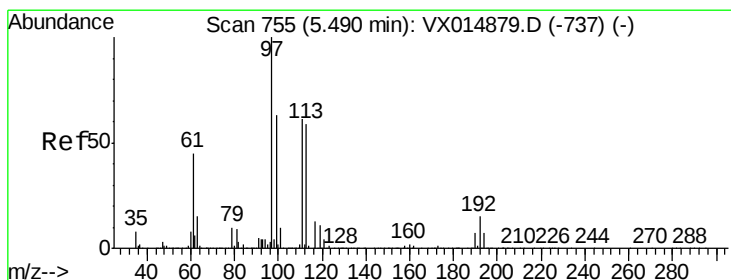
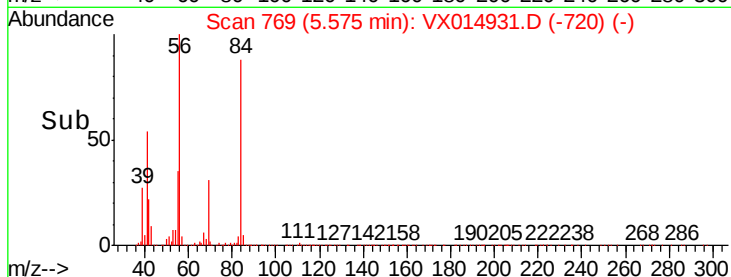
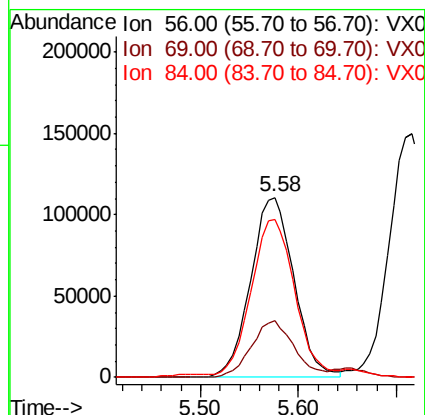
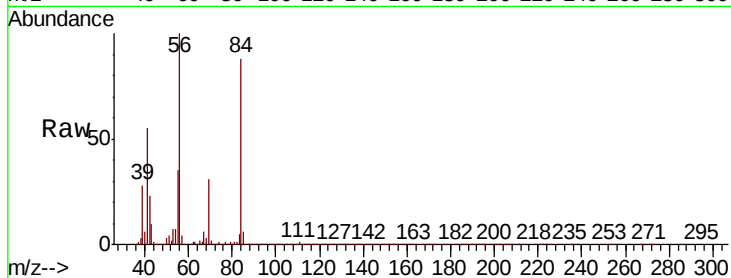




#31
Cyclohexane
Concen: 44.840 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

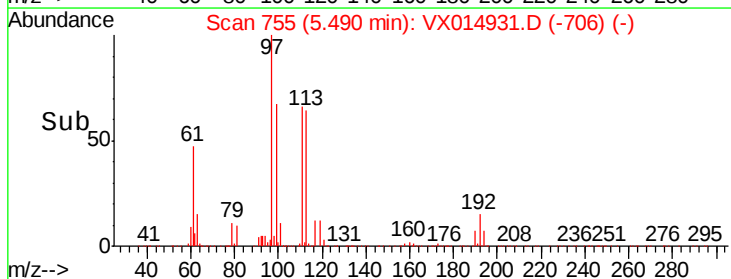
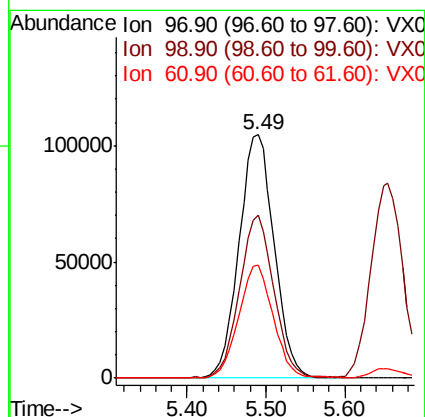
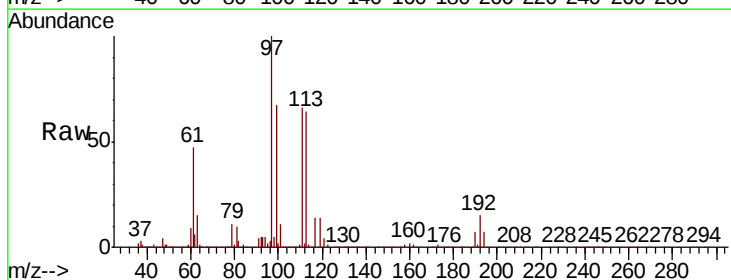
Instrument :
MSVOA_X
ClientSampleId :

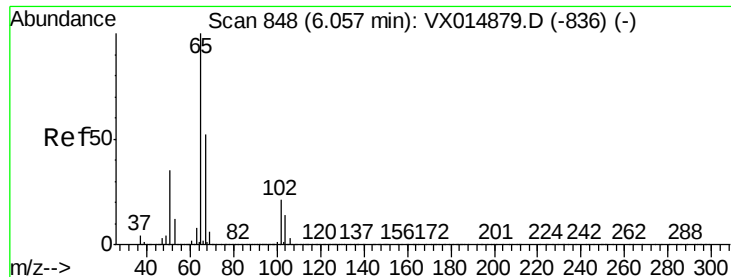
Tot Ion: 56 Resp: 339768
Ion Ratio Lower Upper
56 100
69 31.1 25.9 38.9
84 86.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 44.911 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 97 Resp: 324265
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.6
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 43.364 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

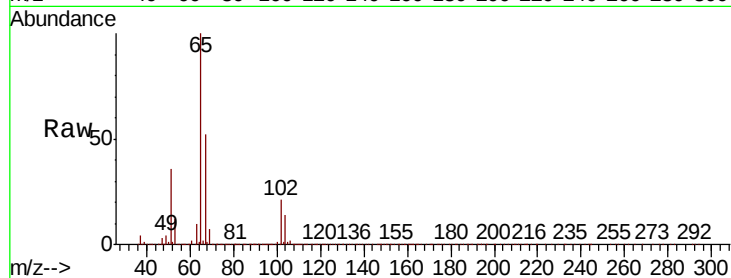
ClientSampleId :

Tot Ion: 65 Resp: 232427

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

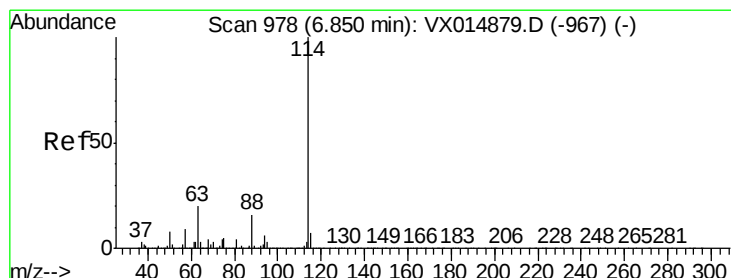
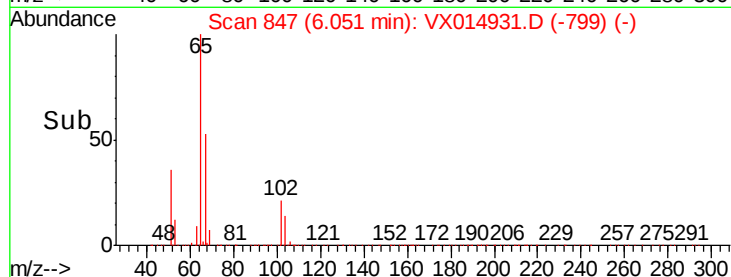
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

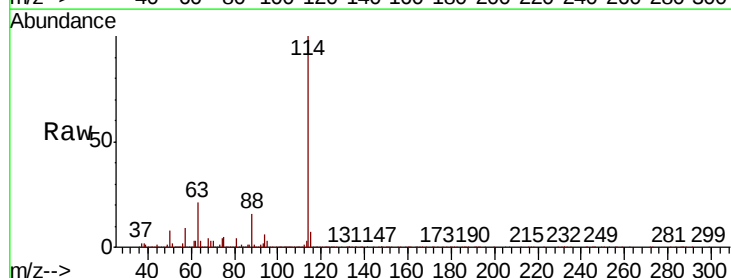
Tgt Ion: 114 Resp: 722160

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

88 16.0 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

6.85

400000

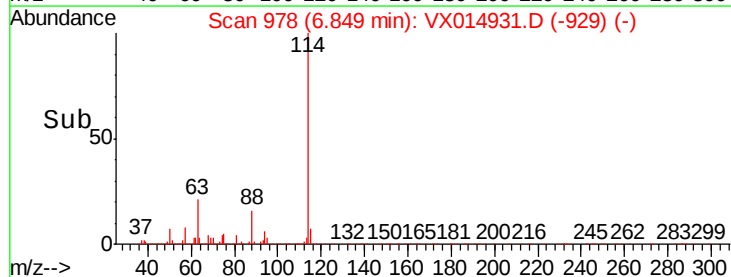
300000

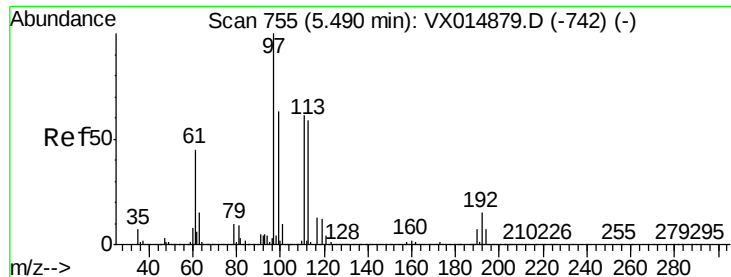
200000

100000

0

Time-->

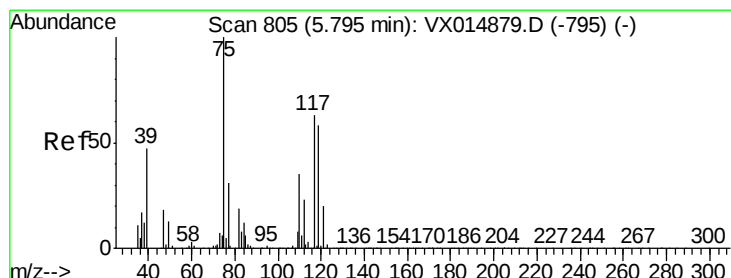
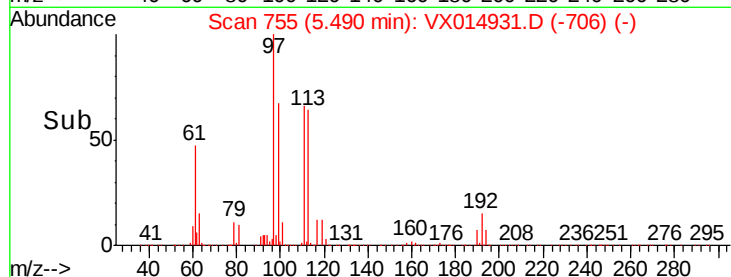
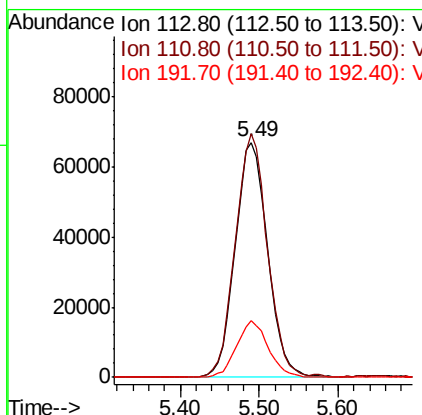
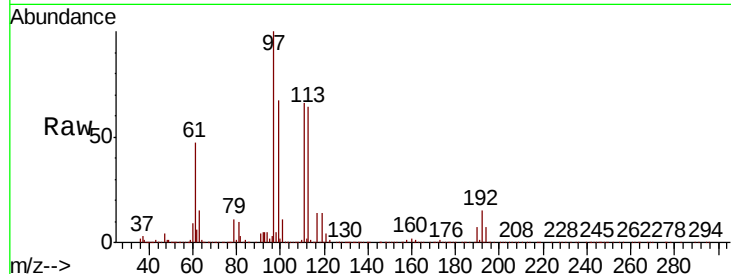




#35
 Dibromofluoromethane
 Concen: 43.206 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

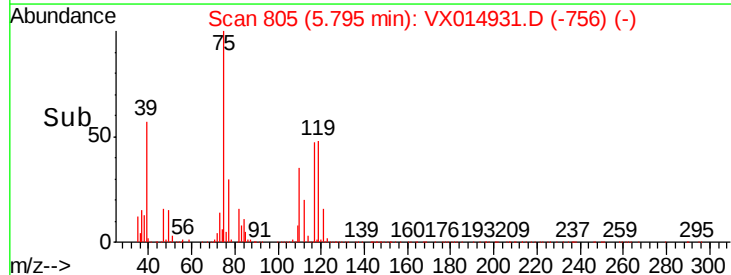
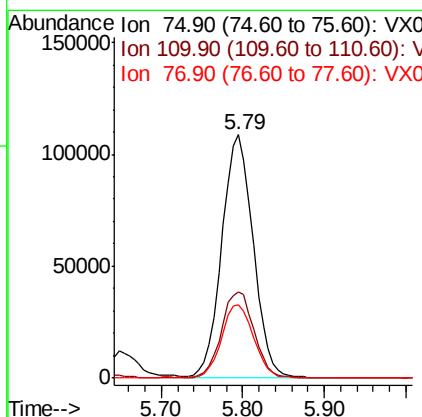
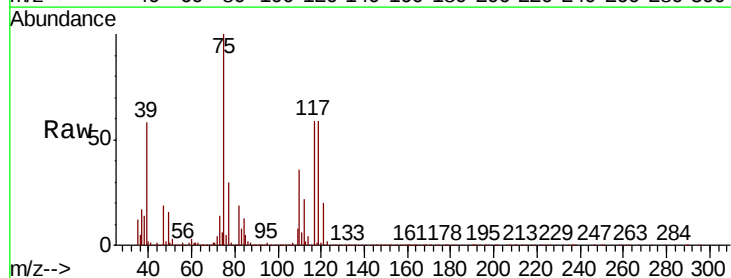
Instrument :
 MSVOA_X
 ClientSampleId :

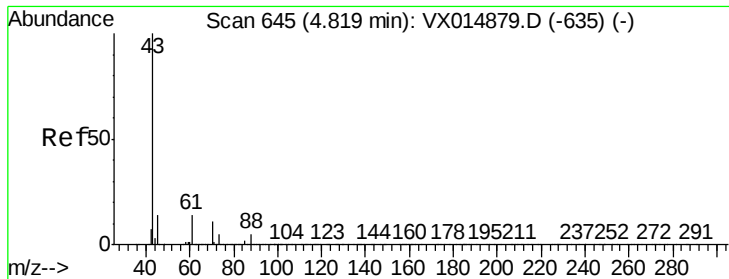
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	23.6	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 44.595 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	30.6	24.6	36.8

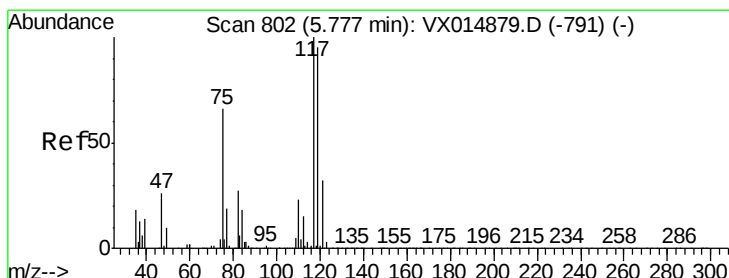
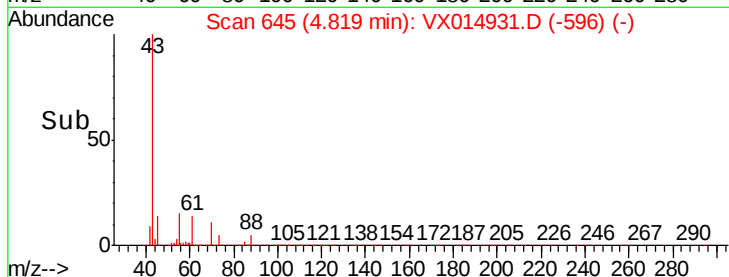
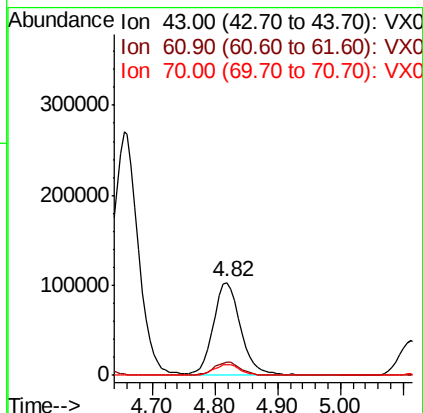
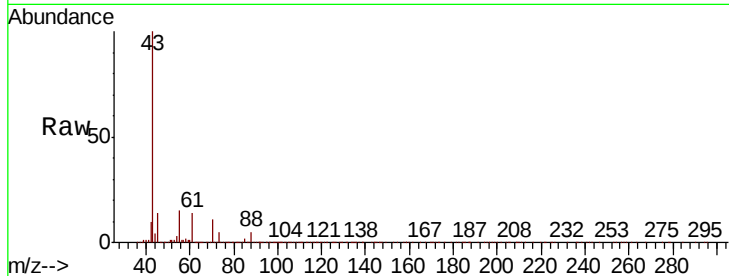




#37
Ethyl Acetate
Concen: 45.964 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

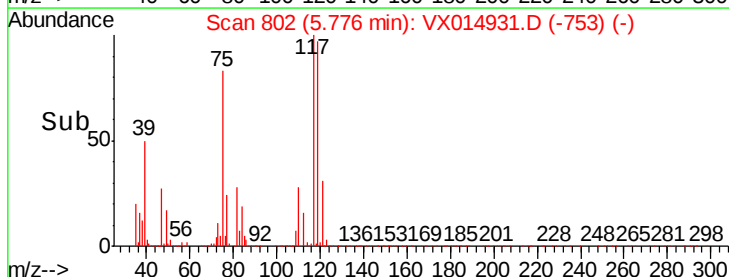
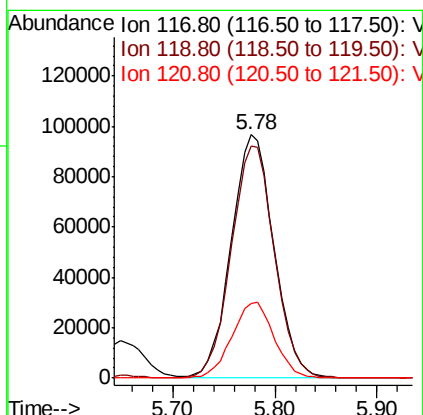
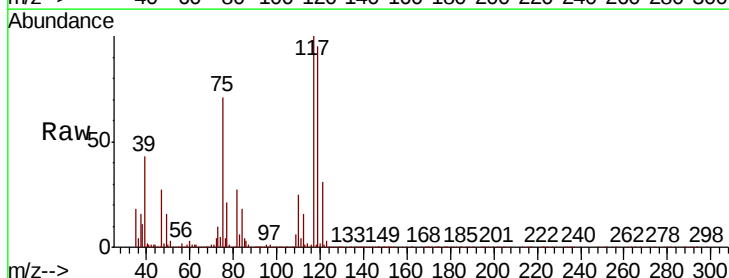
Instrument :
MSVOA_X
ClientSampleId :

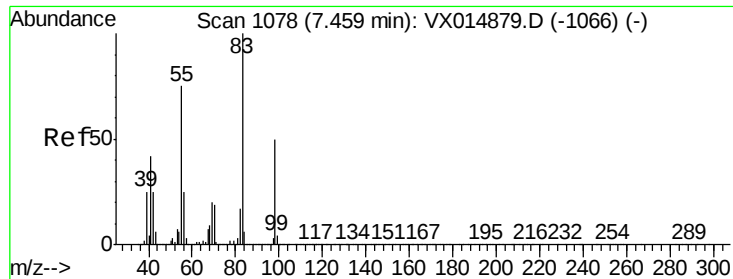
Tot Ion	43	Resp	309687
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	11.2	8.7	13.1



#38
Carbon Tetrachloride
Concen: 44.174 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	117	Resp	278092
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.0	114.0
121	30.8	25.4	38.2

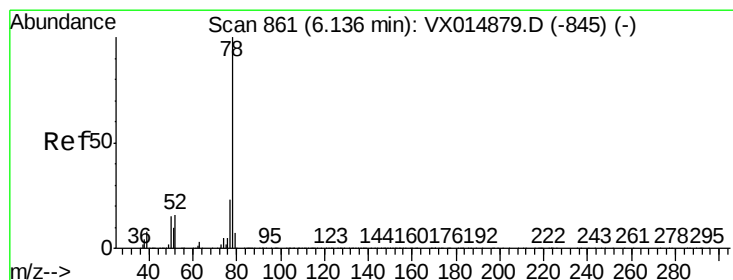
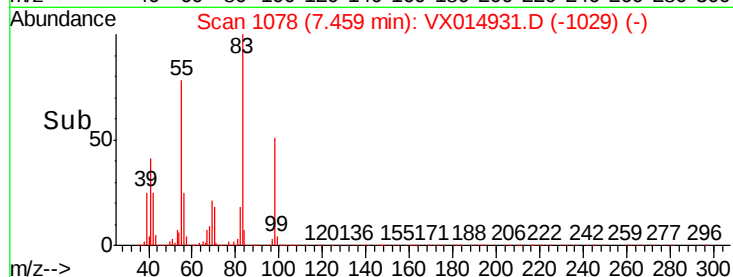
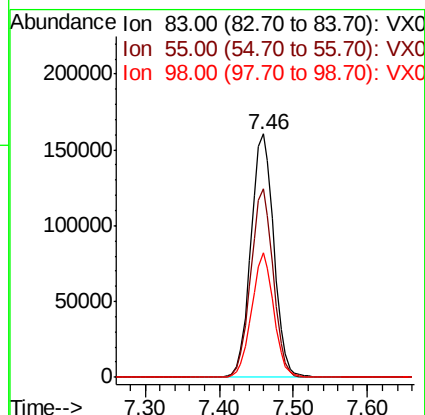
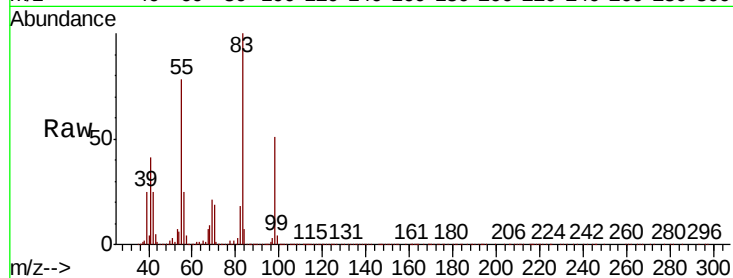




#39
Methvlcvclohexane
Concen: 42.874 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

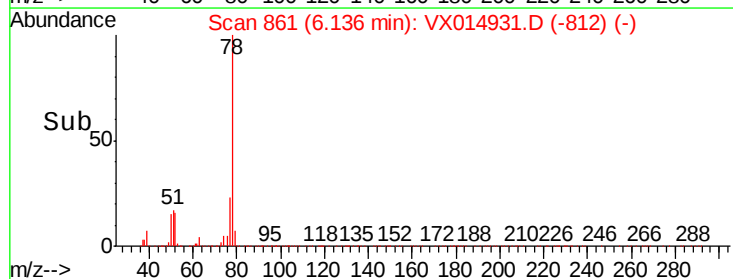
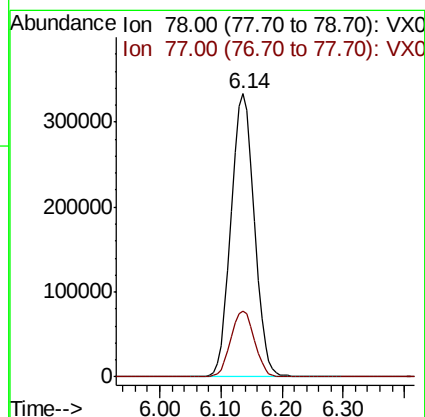
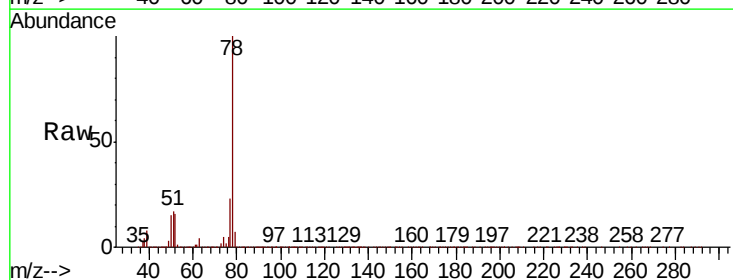
Instrument :
MSVOA_X
ClientSampleId :

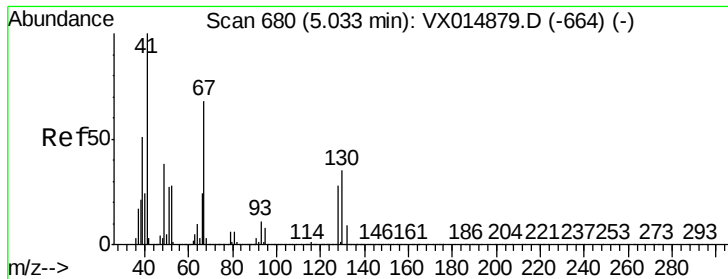
Tot Ion: 83 Resp: 346386
Ion Ratio Lower Upper
83 100
55 77.6 60.0 90.0
98 51.0 39.6 59.4



#40
Benzene
Concen: 45.085 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 78 Resp: 870201
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

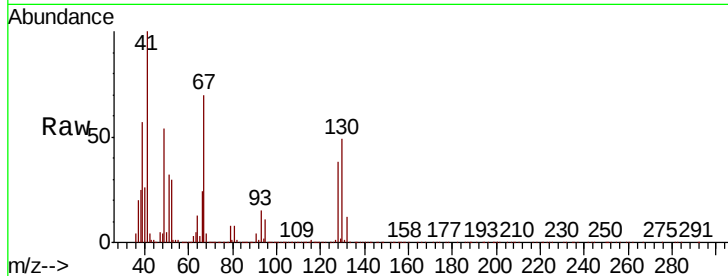




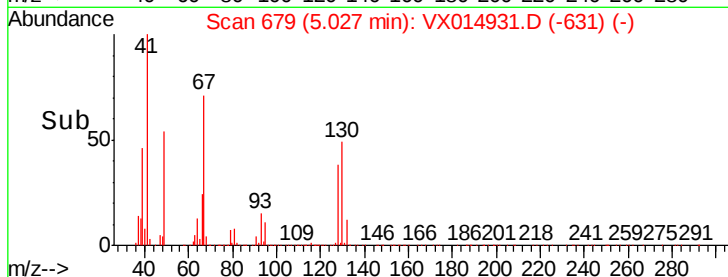
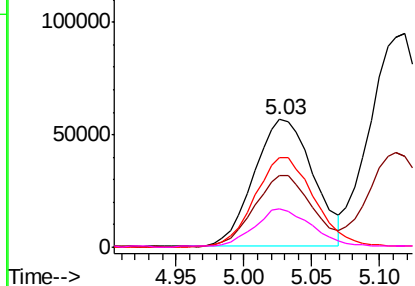
#41
Methacrylonitrile
Concen: 47.568 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	172656
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.7	67.1
67	71.1	56.6	84.8
52	29.5	22.3	33.5

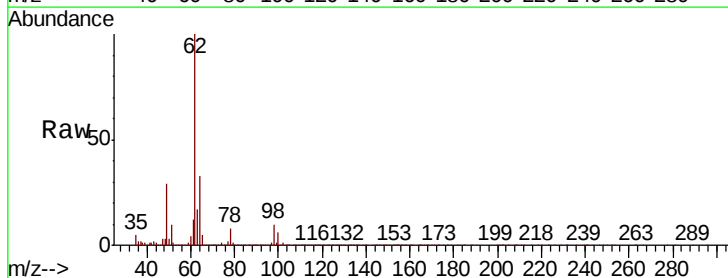
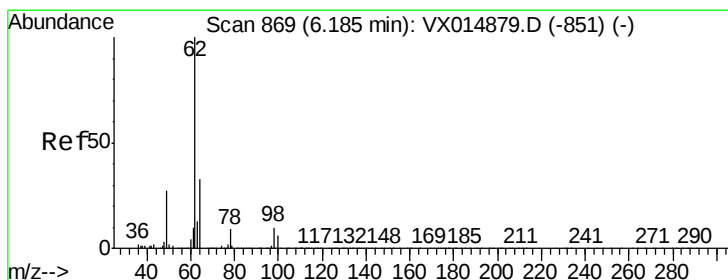


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

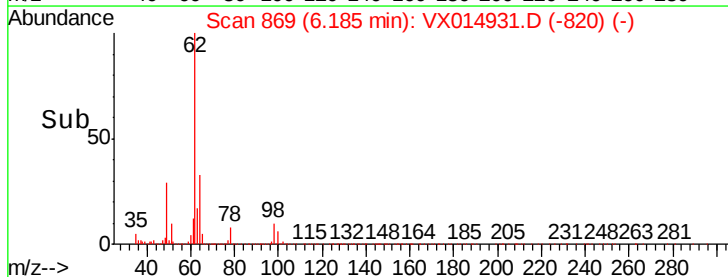
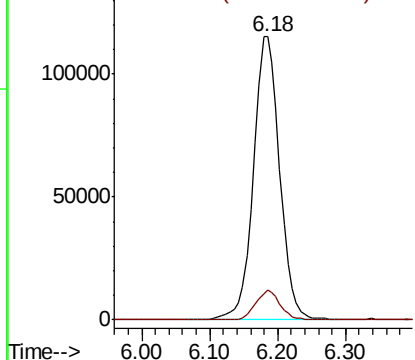


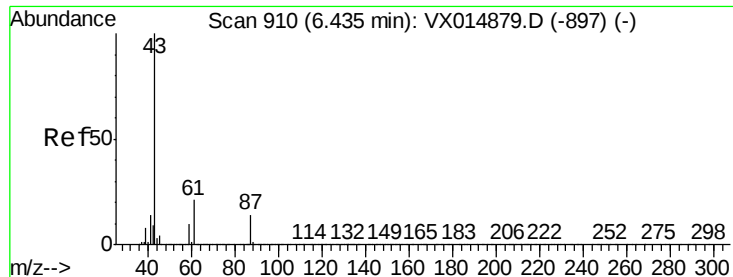
#42
1,2-Dichloroethane
Concen: 44.471 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion:	62	Resp:	310230
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 45.681 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

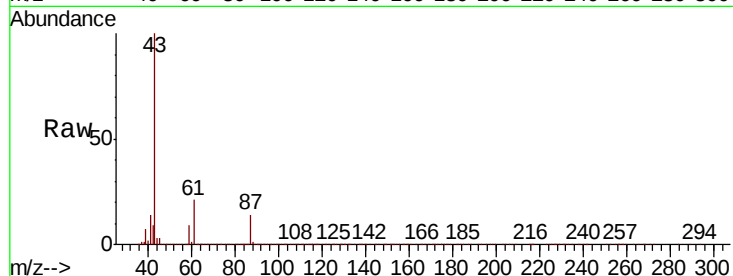
Tot Ion: 43 Resp: 507724

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.4

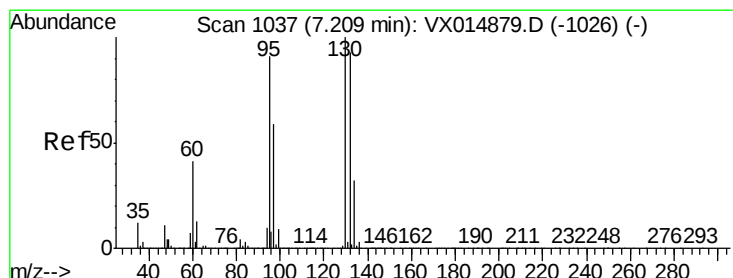
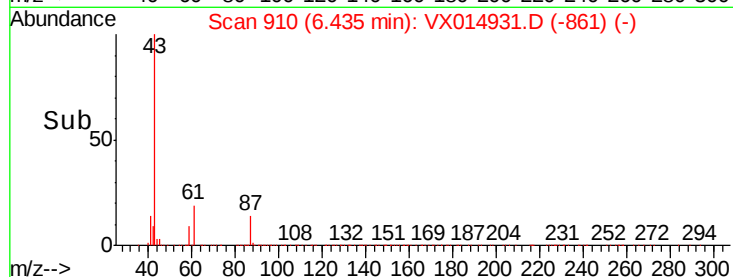
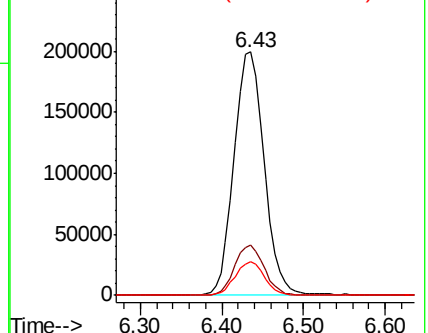
87 13.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.010 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014931.D

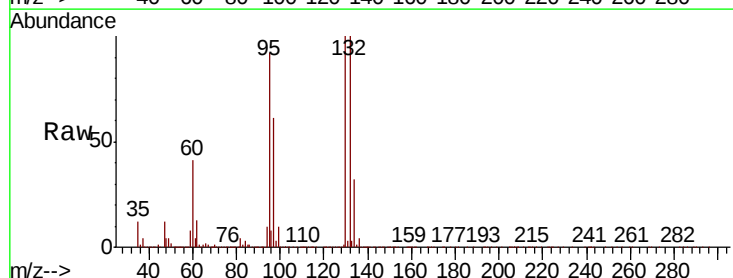
Acq: 12 Feb 2020 17:16

Tgt Ion:130 Resp: 263402

Ion Ratio Lower Upper

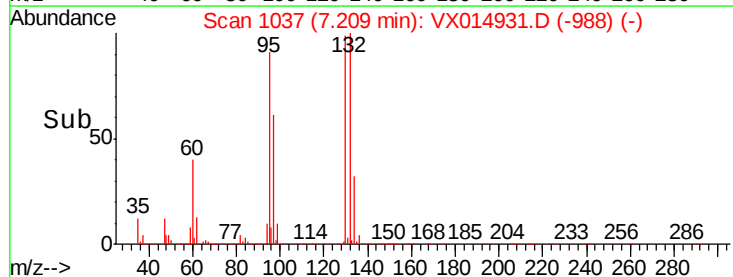
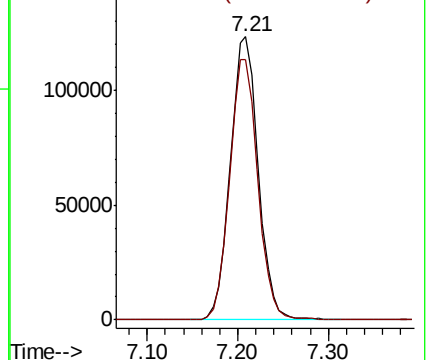
130 100

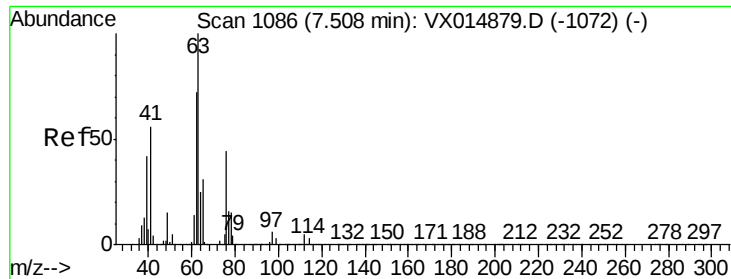
95 91.8 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

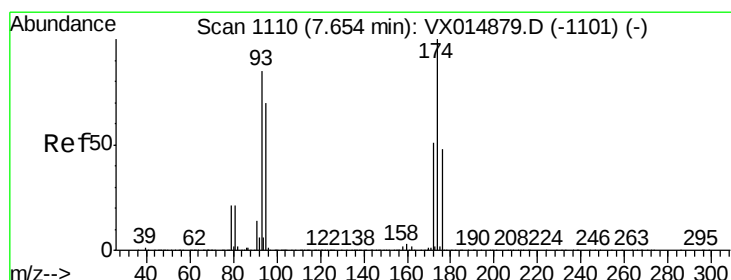
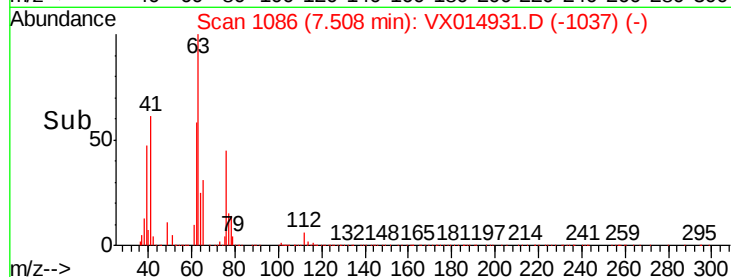
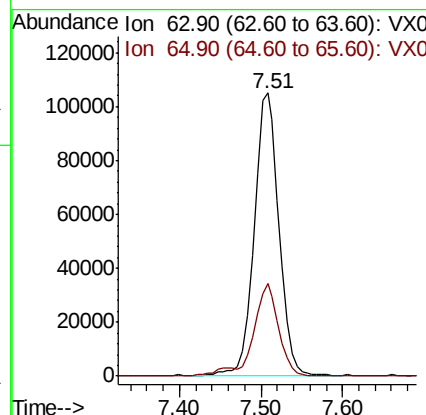
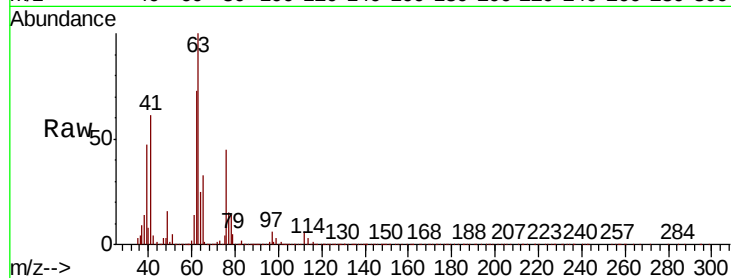




#45
 1,2-Dichloropropane
 Concen: 45.101 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

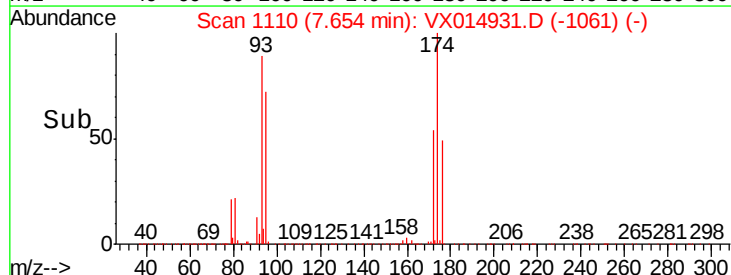
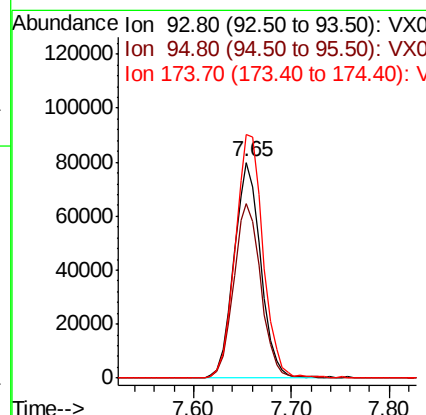
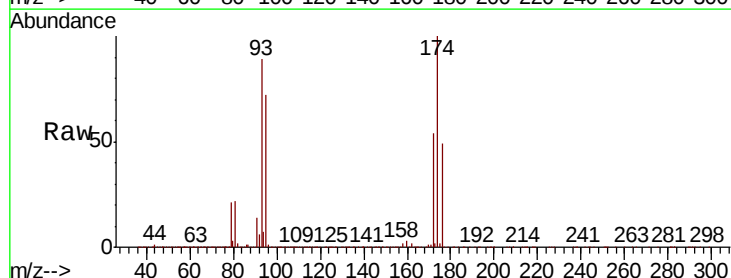
Instrument :
 MSVOA_X
 ClientSampled :

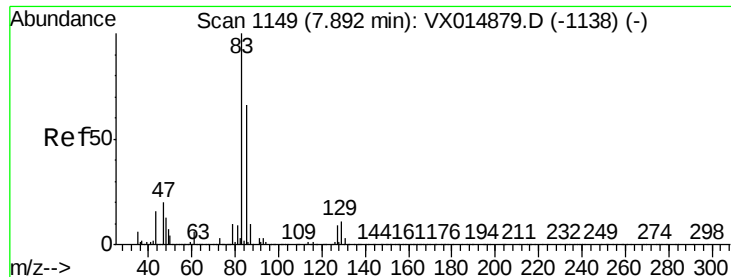
Tot Ion: 63 Resp: 222003
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.9 37.3



#46
 Dibromomethane
 Concen: 44.660 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion: 93 Resp: 150269
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 118.5 95.4 143.2





#47

Bromodichloromethane

Concen: 44.748 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

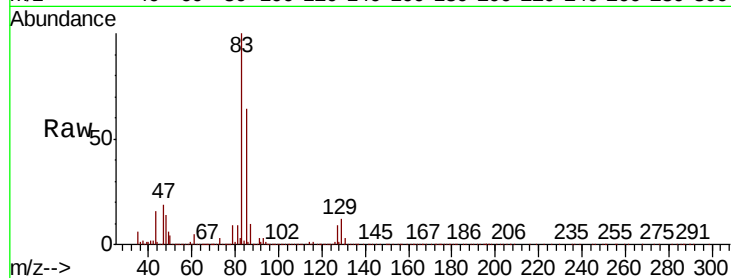
Tot Ion: 83 Resp: 298536

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

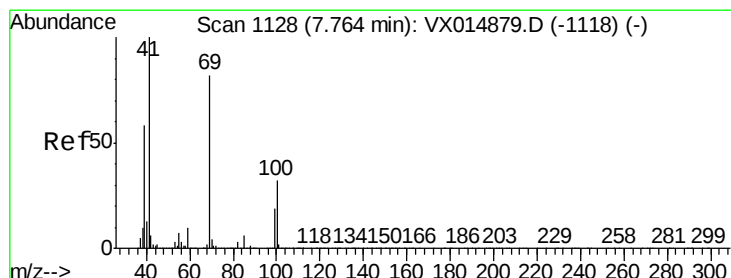
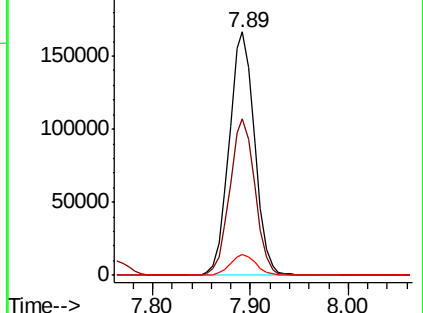
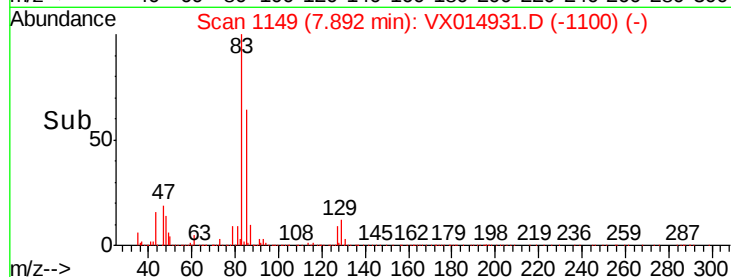
127 8.7 7.4 11.0



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: 46.858 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

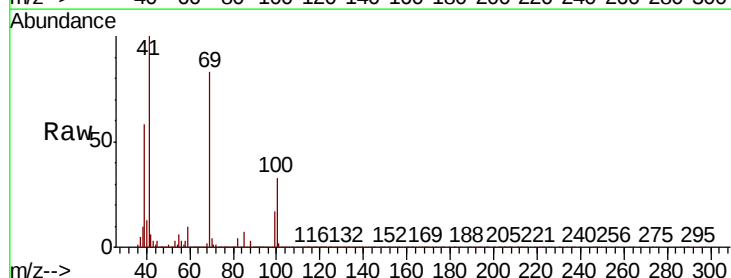
Tgt Ion: 41 Resp: 256306

Ion Ratio Lower Upper

41 100

69 81.9 65.7 98.5

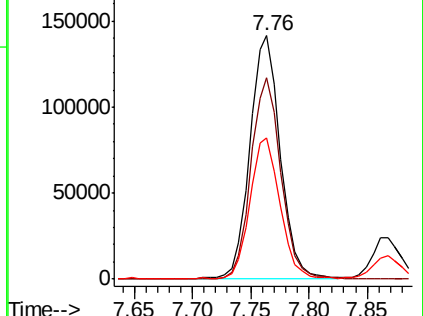
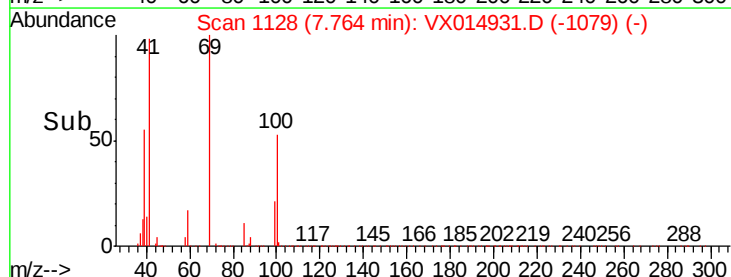
39 58.3 45.8 68.8

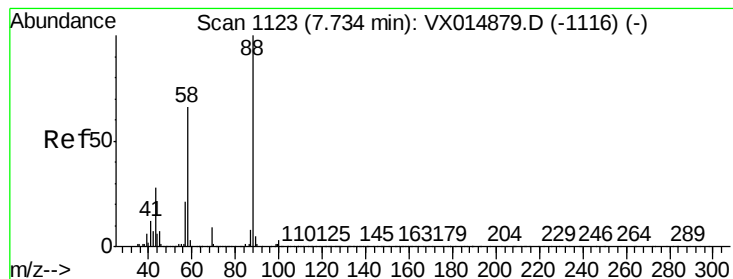


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1002.952 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

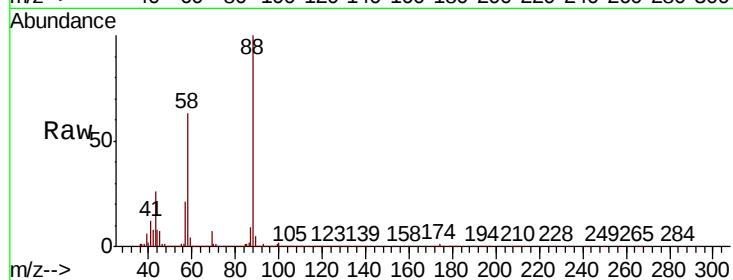
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 102571

Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.0	40.4
58	68.6	53.2	79.8

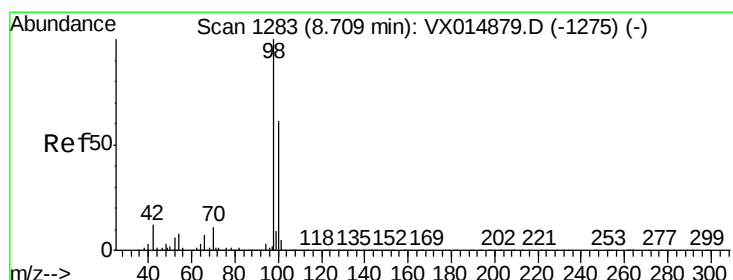
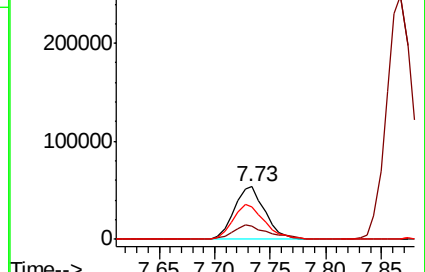
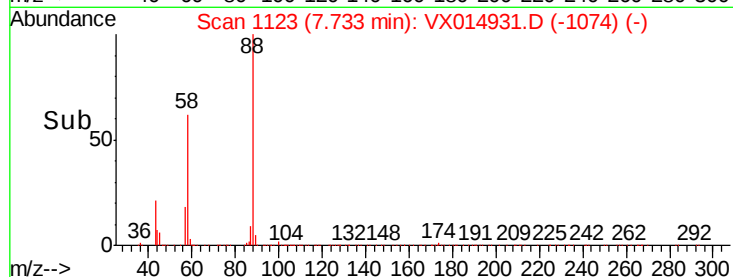


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 43.487 ug/l

RT: 8.71 min Scan# 1283

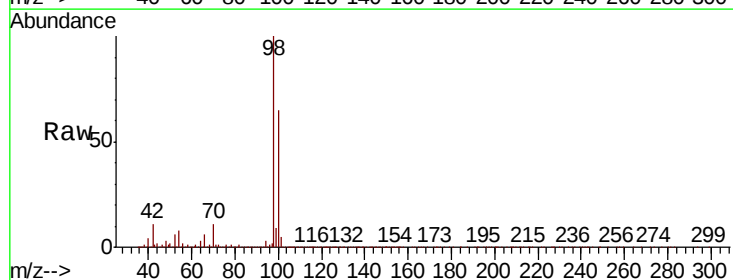
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion: 98 Resp: 736951

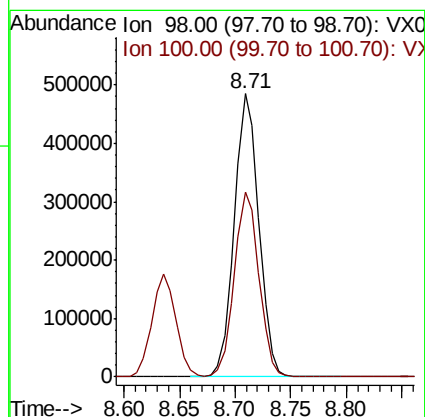
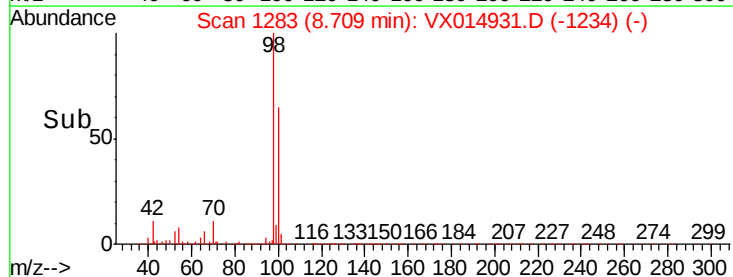
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

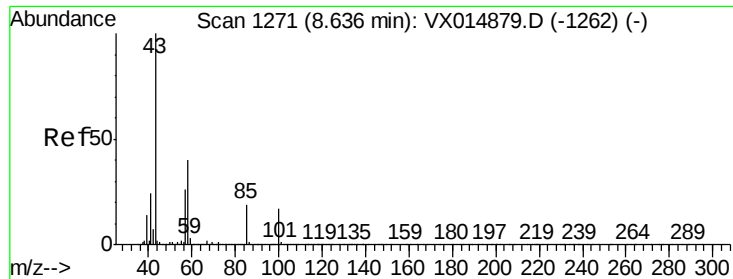


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

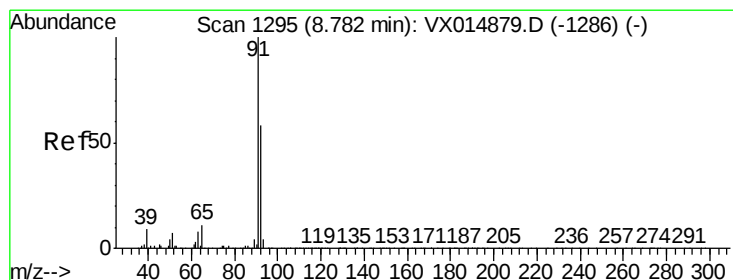
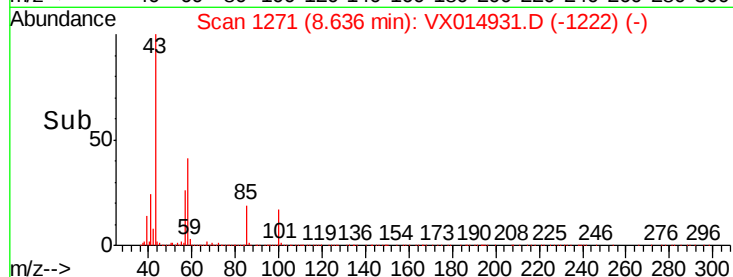
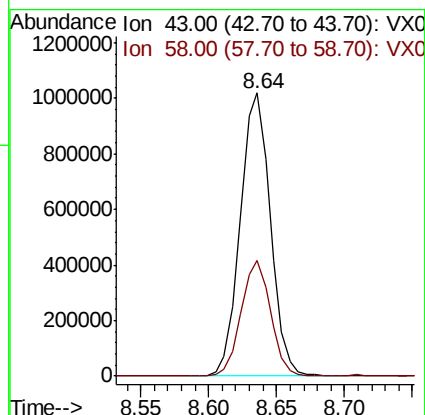
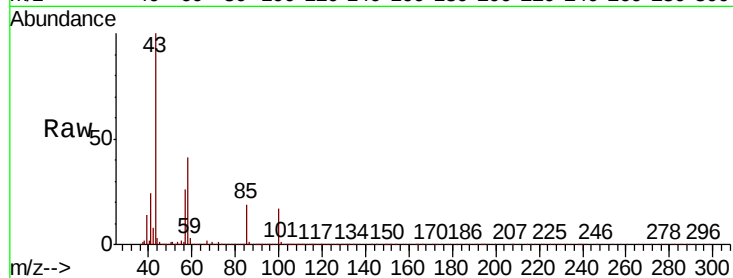




#51
 4-Methyl-2-Pentanone
 Concen: 234.882 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

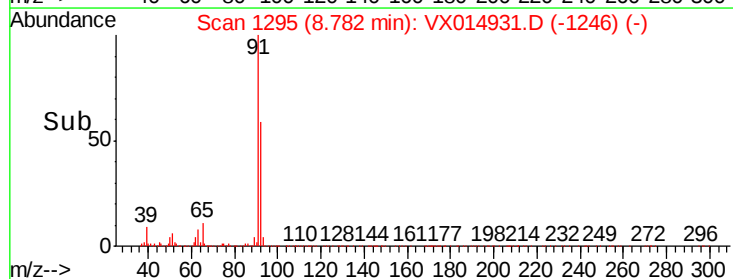
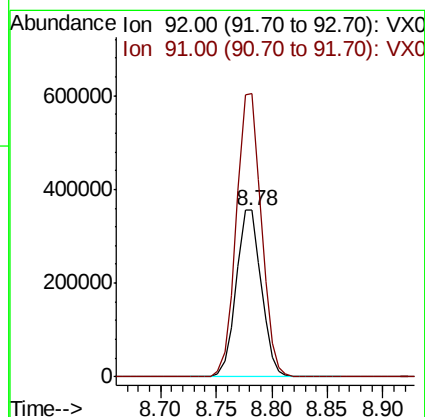
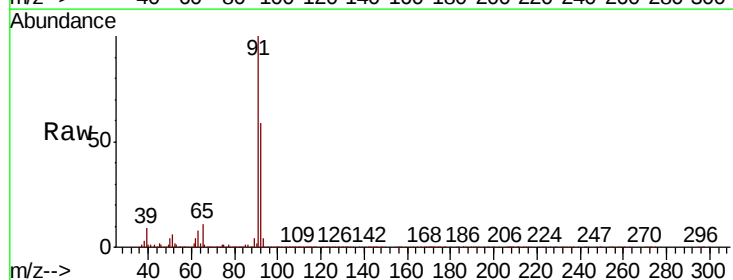
Instrument :
 MSVOA_X
 ClientSampleID :

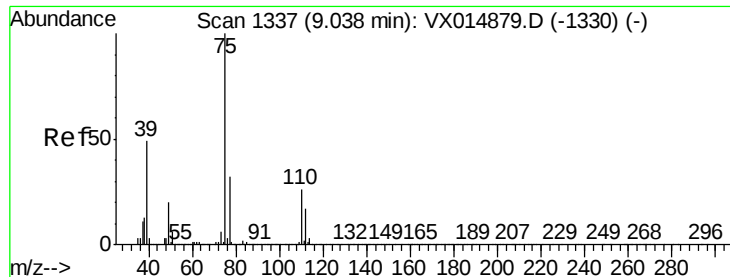
Tot Ion: 43 Resp: 1576346
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 45.209 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion: 92 Resp: 554218
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 45.137 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

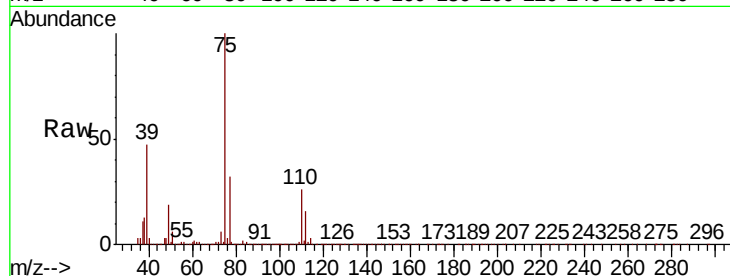
ClientSampleId :

Tot Ion: 75 Resp: 330024

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

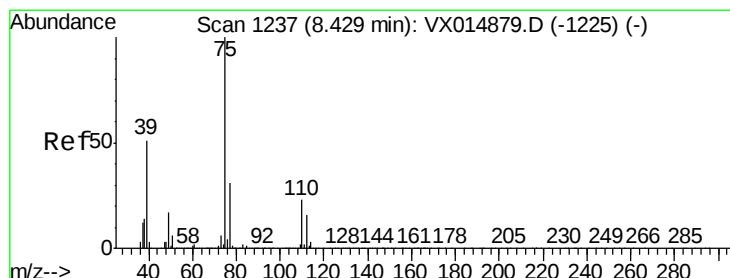
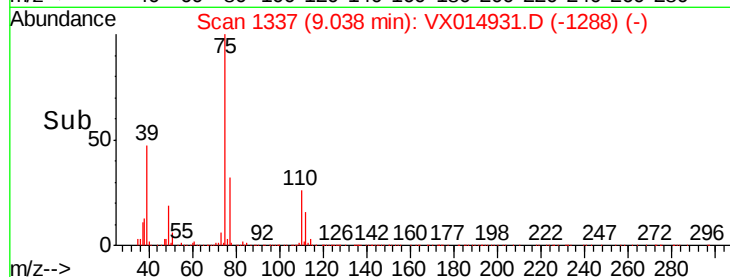
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 43.911 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

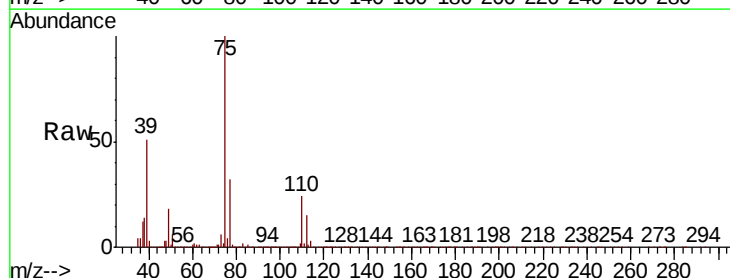
Tgt Ion: 75 Resp: 354676

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 51.2 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

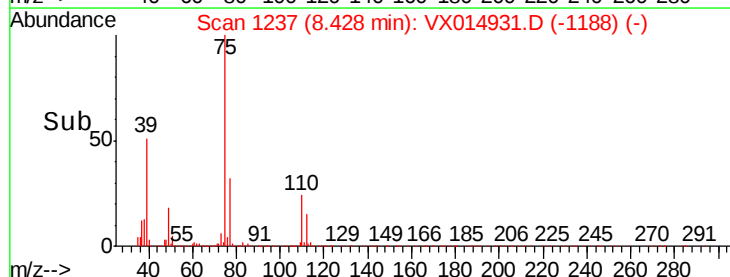
150000

100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 45.760 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 226961

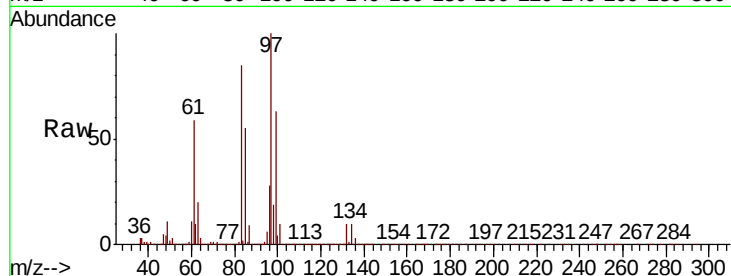
Ion Ratio Lower Upper

97 100

83 84.9 66.6 99.8

85 54.6 43.5 65.3

99 63.4 49.6 74.4

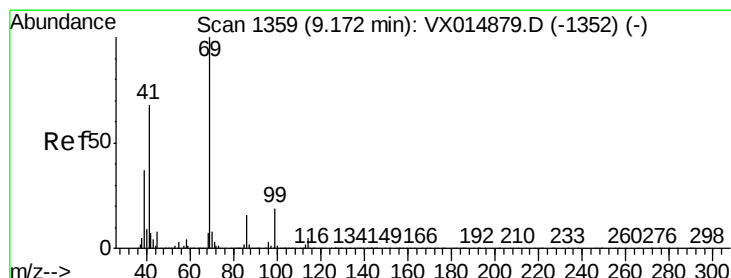
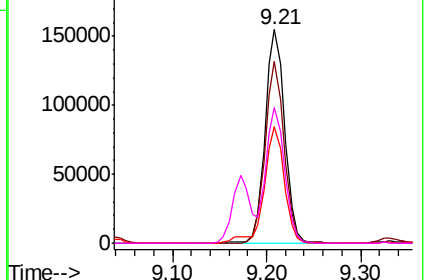
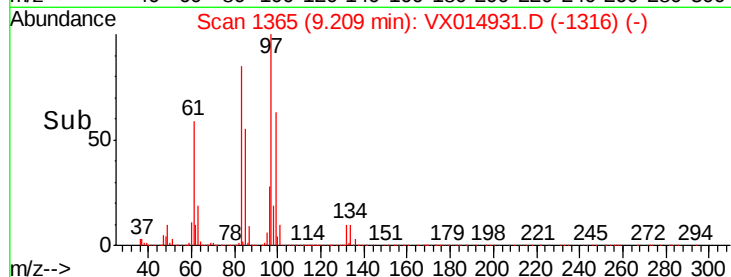


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.045 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

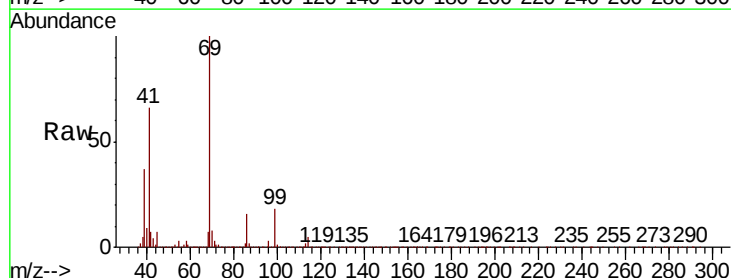
Tgt Ion: 69 Resp: 350720

Ion Ratio Lower Upper

69 100

41 66.9 54.8 82.2

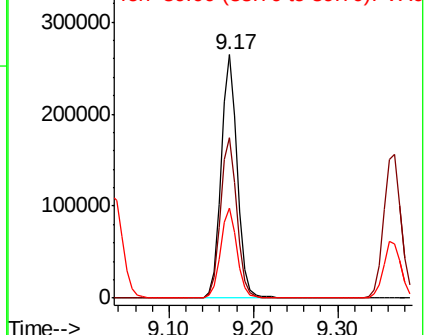
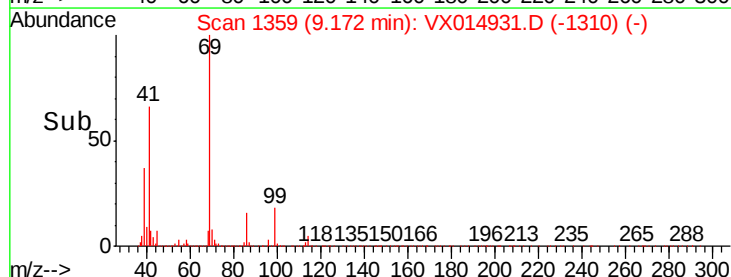
39 37.4 29.9 44.9

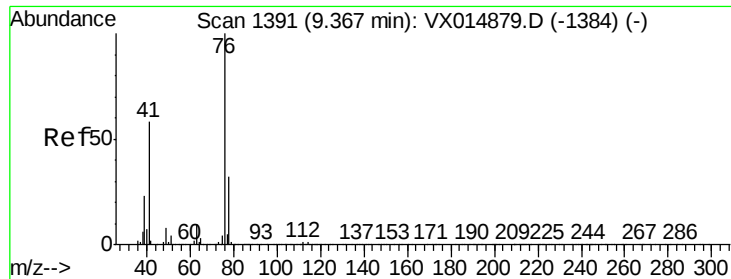


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 45.001 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

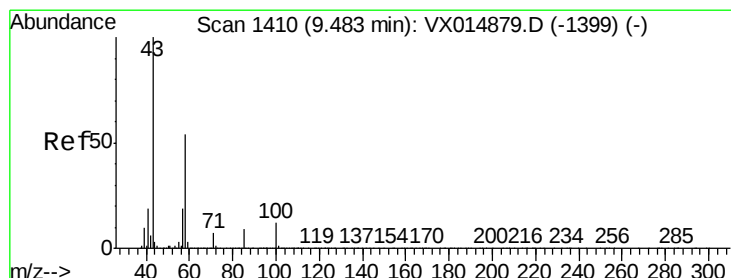
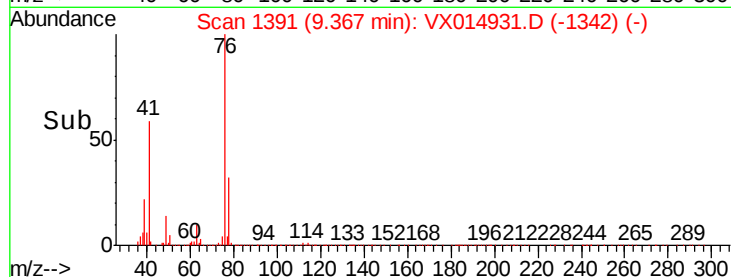
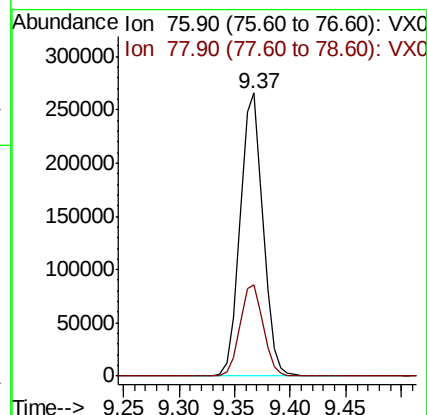
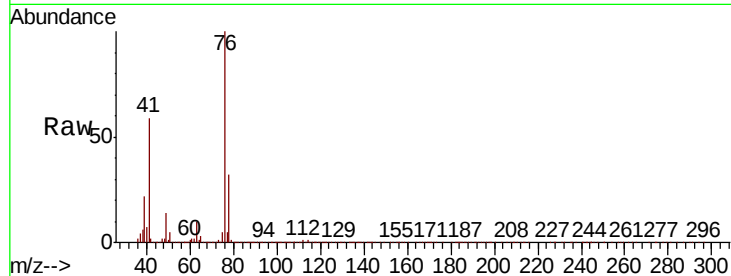
ClientSampleId :

Tot Ion: 76 Resp: 375709

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#59

2-Hexanone

Concen: 228.128 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014931.D

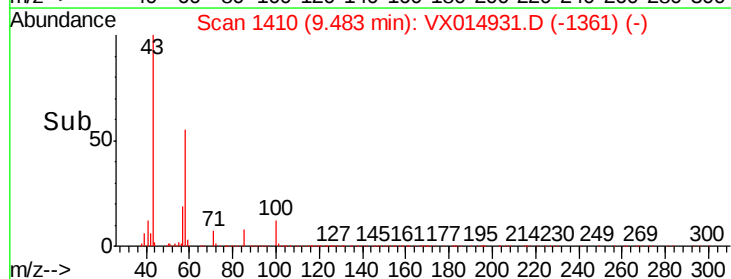
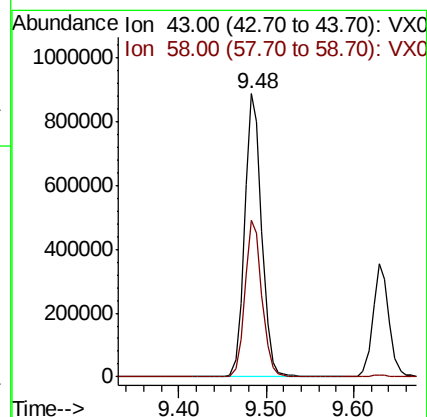
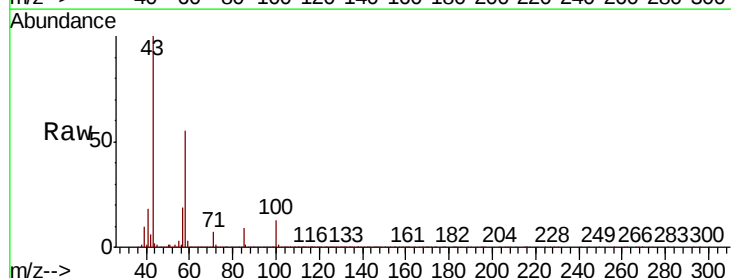
Acq: 12 Feb 2020 17:16

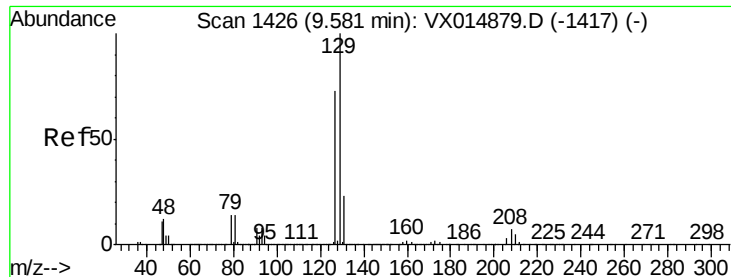
Tgt Ion: 43 Resp: 1203401

Ion Ratio Lower Upper

43 100

58 55.2 27.5 82.5

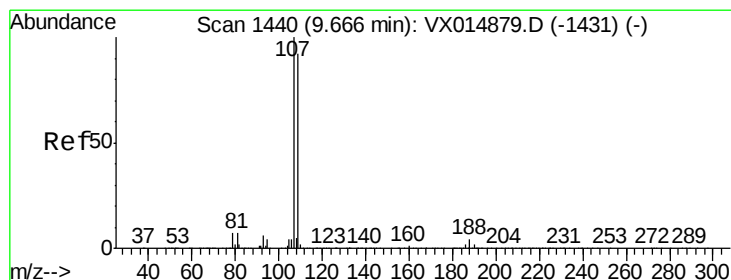
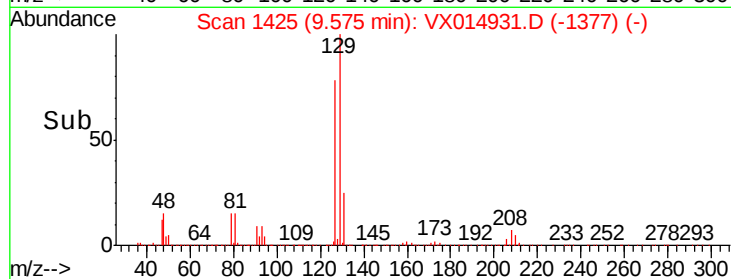
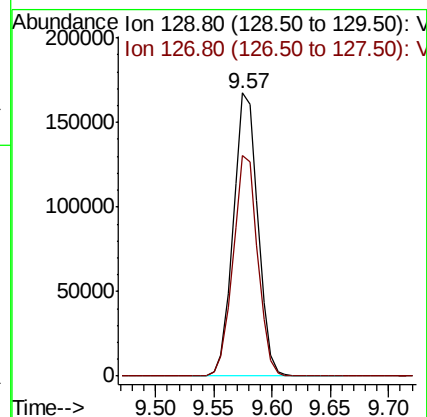
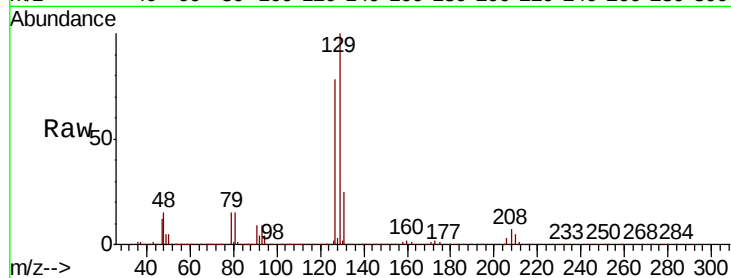




#60
 Dibromochloromethane
 Concen: 45.915 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

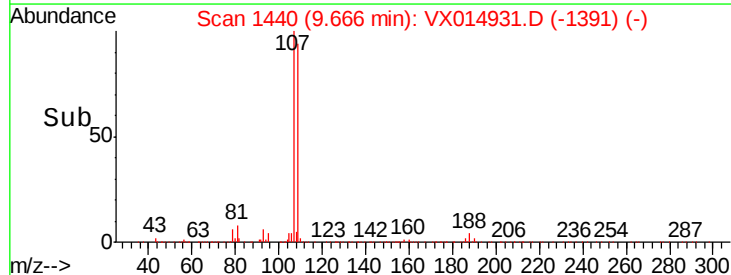
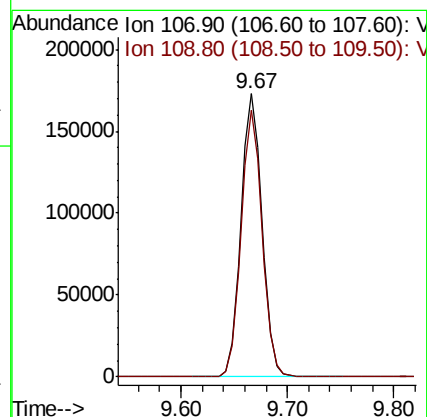
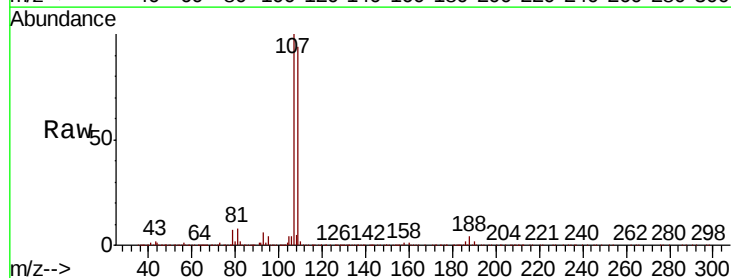
Instrument :
 MSVOA_X
 ClientSampleId :

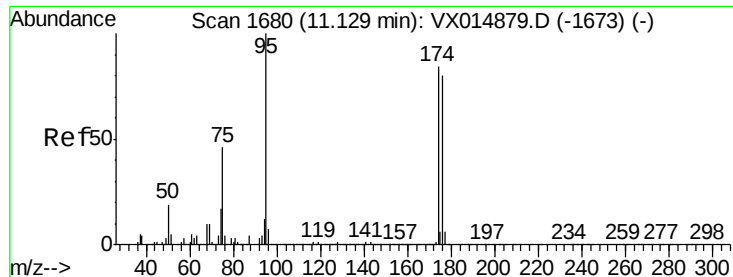
Tot Ion:129 Resp: 245068
 Ion Ratio Lower Upper
 129 100
 127 78.0 37.8 113.3



#61
 1,2-Dibromoethane
 Concen: 44.977 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion:107 Resp: 240689
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 43.995 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

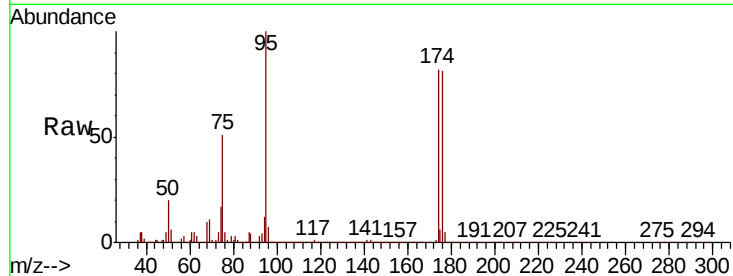
Tot Ion: 95 Resp: 268574

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

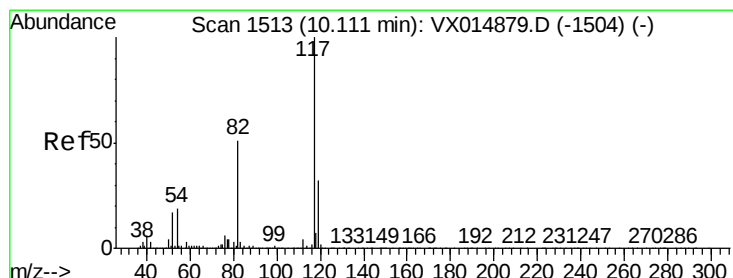
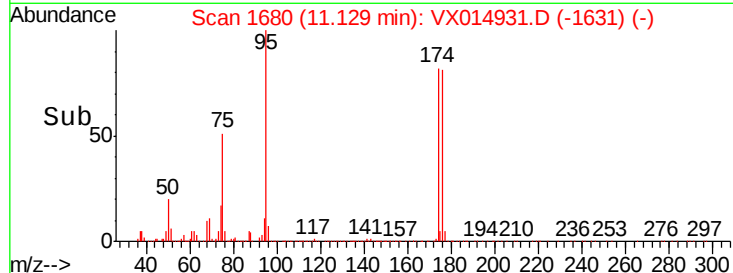
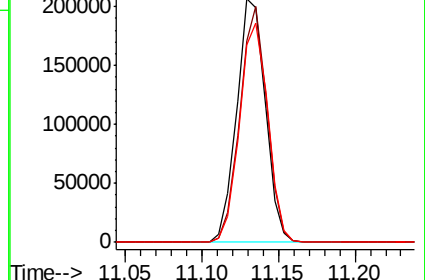
176 89.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

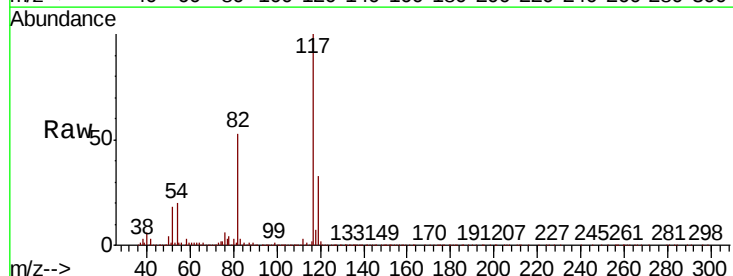
Tgt Ion: 117 Resp: 686508

Ion Ratio Lower Upper

117 100

82 53.3 40.5 60.7

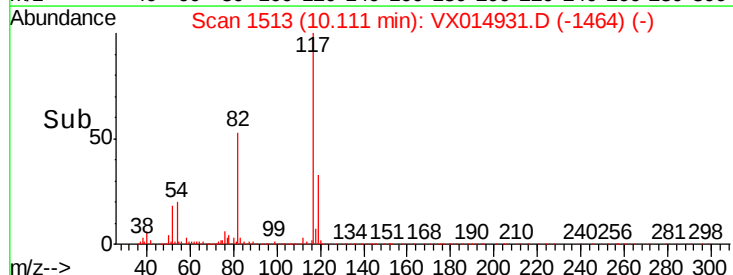
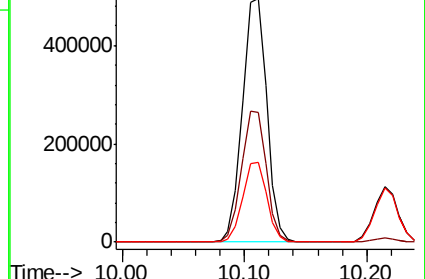
119 32.8 25.8 38.6

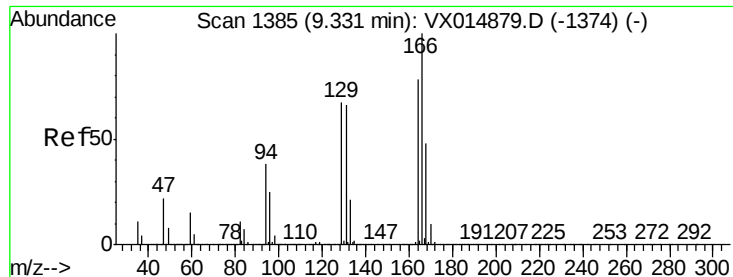


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)





#64

Tetrachloroethene

Concen: 38.182 ug/l

RT: 9.33 min Scan# 1385

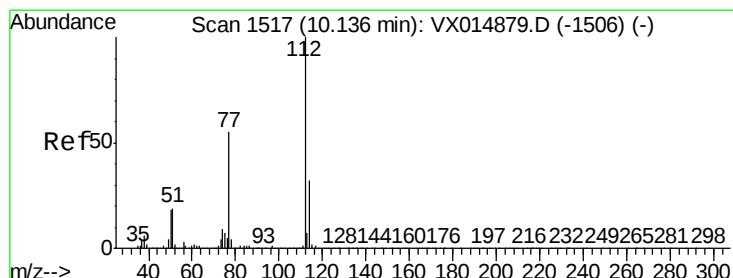
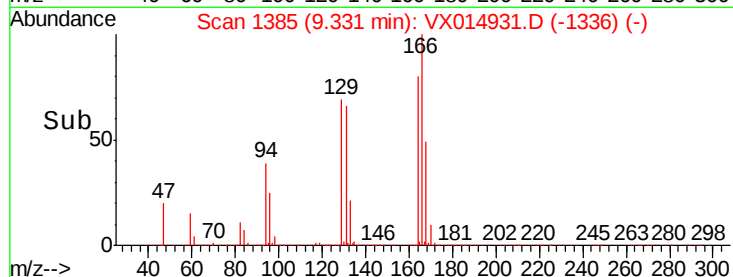
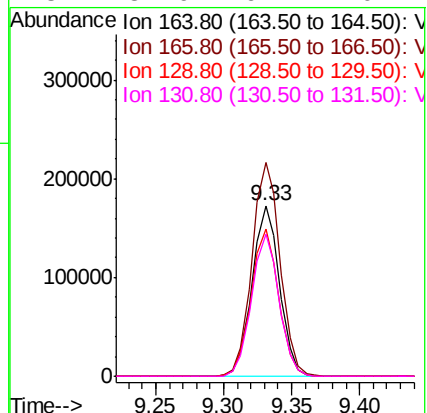
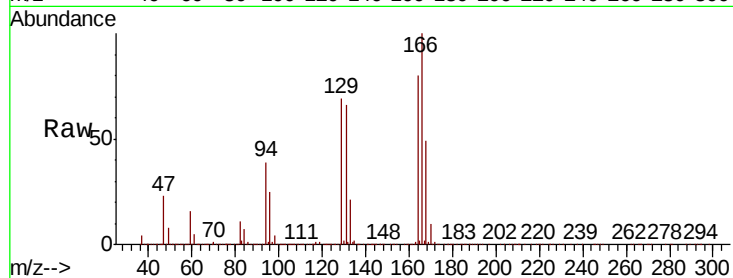
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	245075
Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.6	153.8
129	86.2	68.3	102.5
131	82.9	67.4	101.2



#65

Chlorobenzene

Concen: 42.858 ug/l

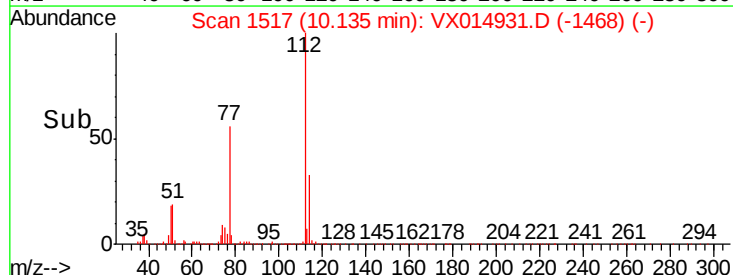
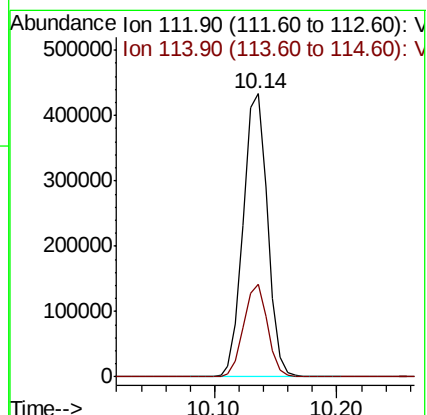
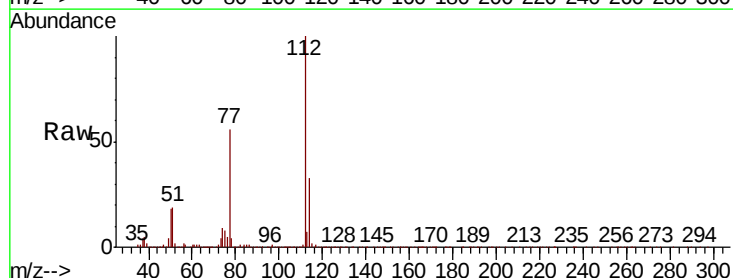
RT: 10.14 min Scan# 1517

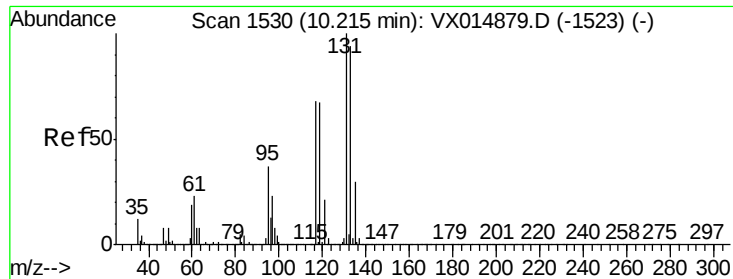
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	112	Resp:	596765
Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4

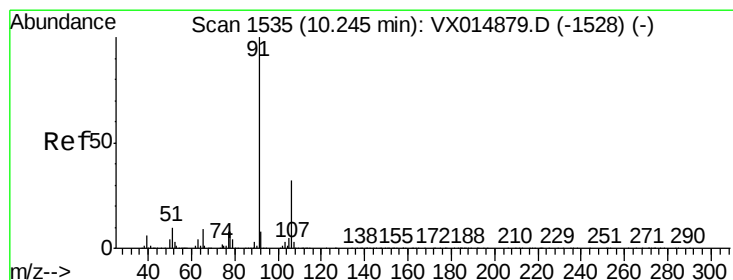
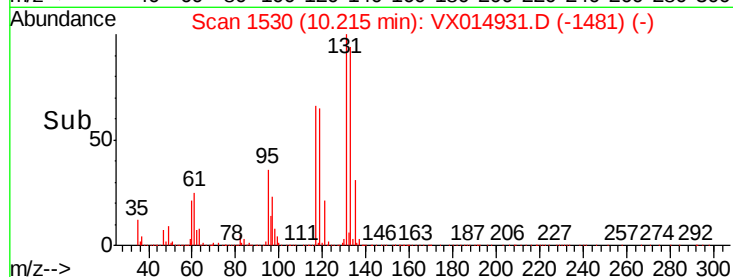
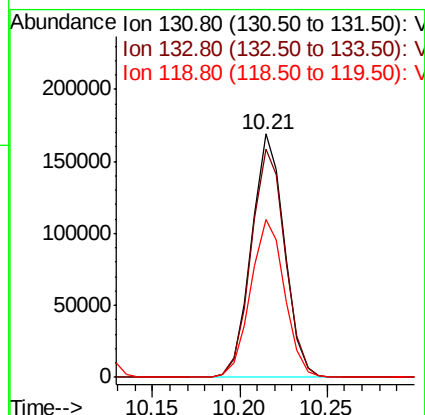
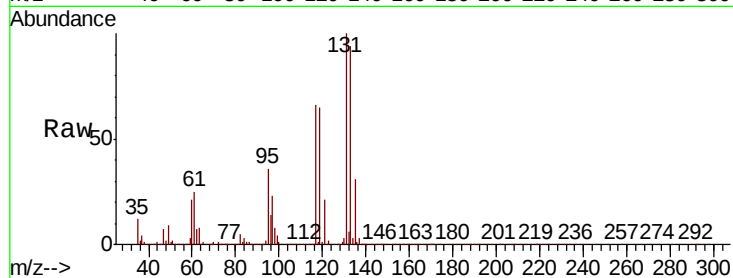




#66
 1,1,1,2-Tetrachloroethane
 Concen: 44.002 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

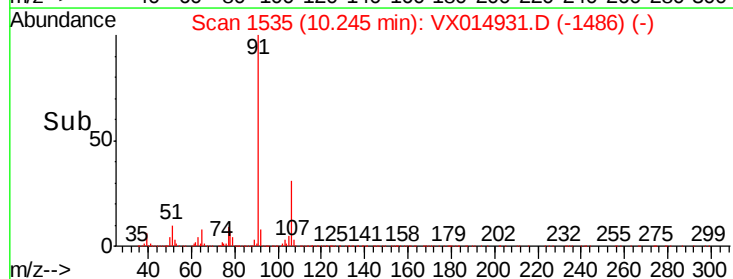
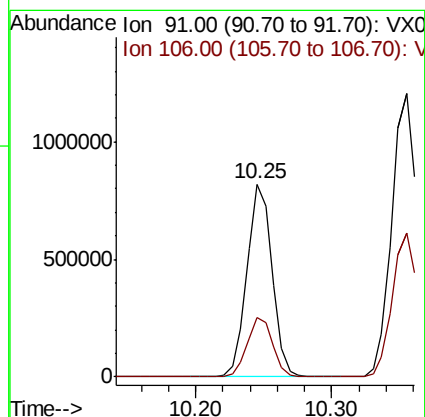
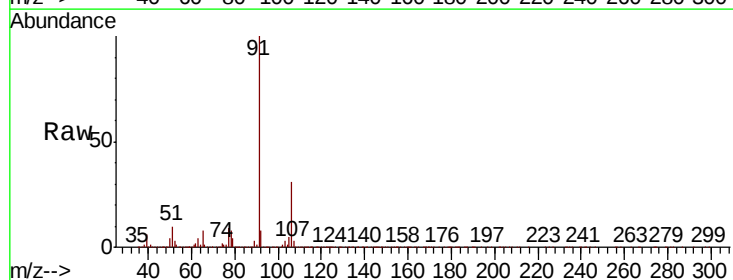
Instrument :
 MSVOA_X
 ClientSampleId :

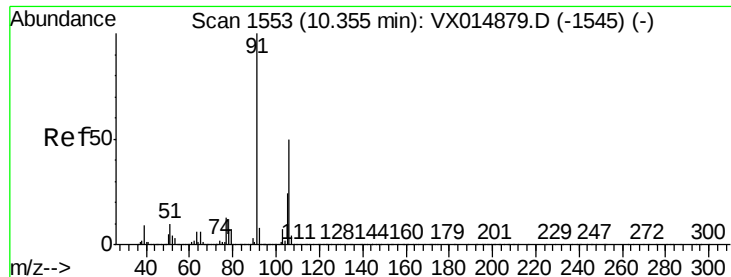
Tot Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.1	144.4
119	66.6	33.0	99.0



#67
 Ethyl Benzene
 Concen: 44.689 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9





#68

m/p-Xvlenes

Concen: 88.411 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

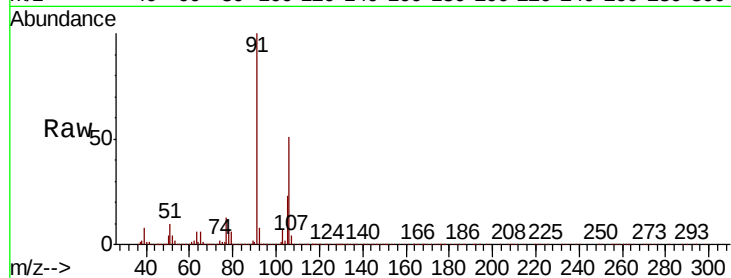
ClientSampleId :

Tot Ion:106 Resp: 806538

Ion Ratio Lower Upper

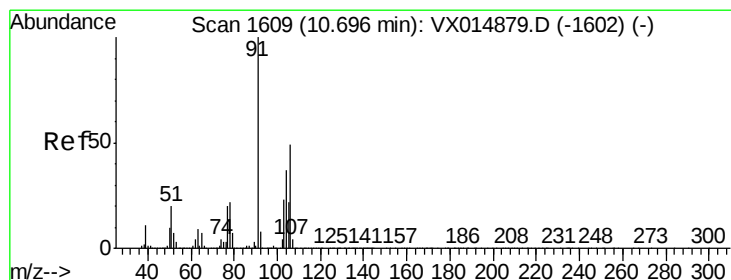
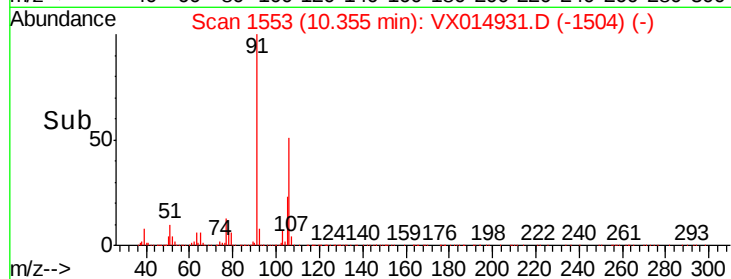
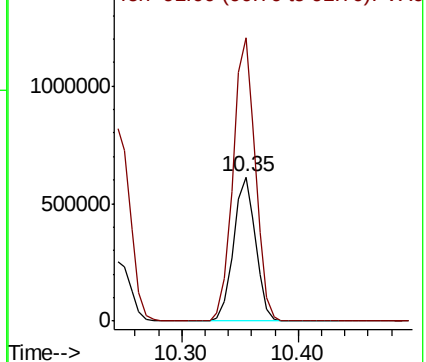
106 100

91 199.3 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 43.990 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014931.D

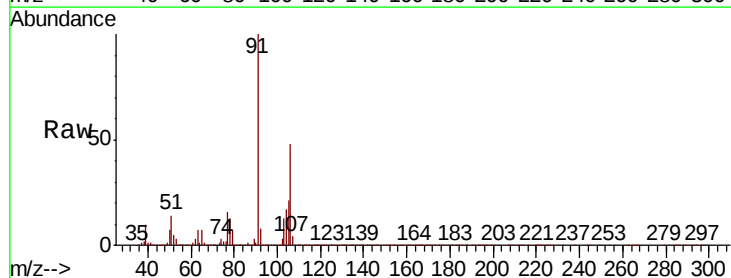
Acq: 12 Feb 2020 17:16

Tgt Ion:106 Resp: 385759

Ion Ratio Lower Upper

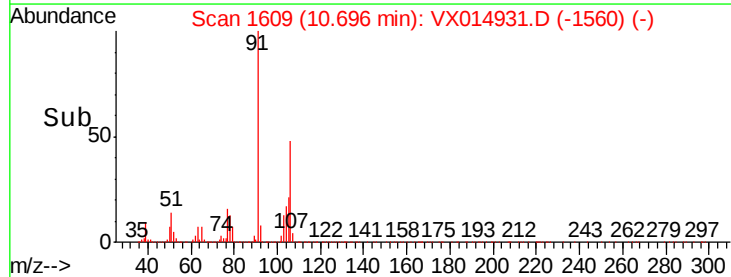
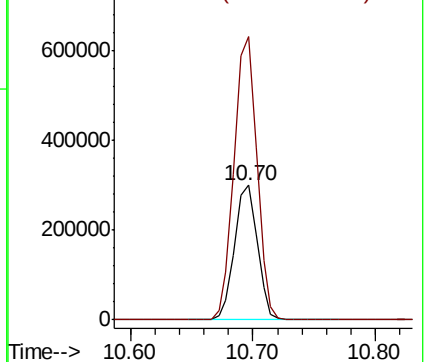
106 100

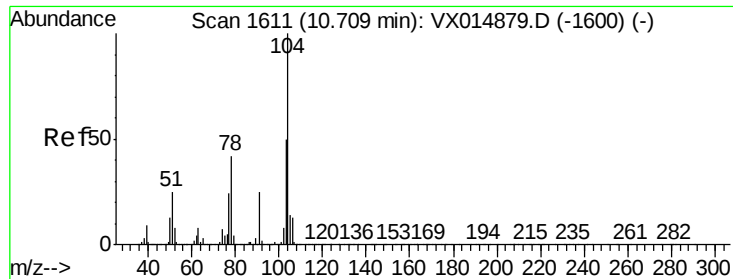
91 210.7 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

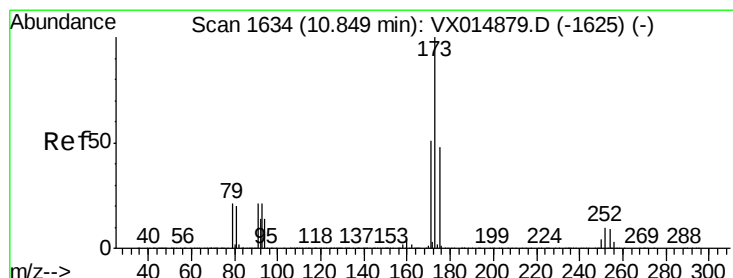
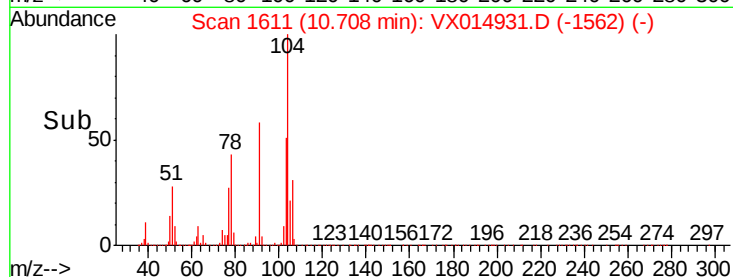
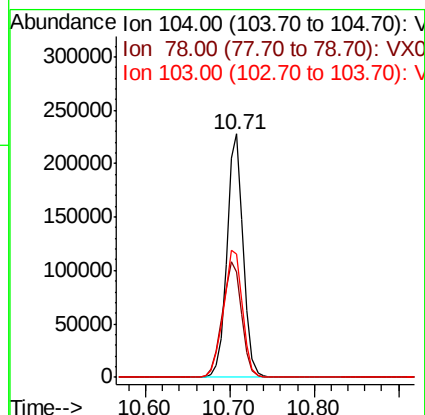
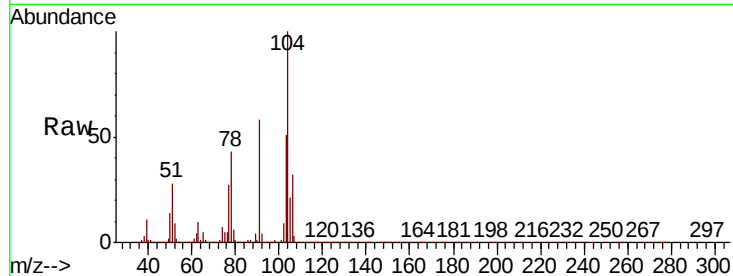




#70
Stvrene
Concen: 20.352 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

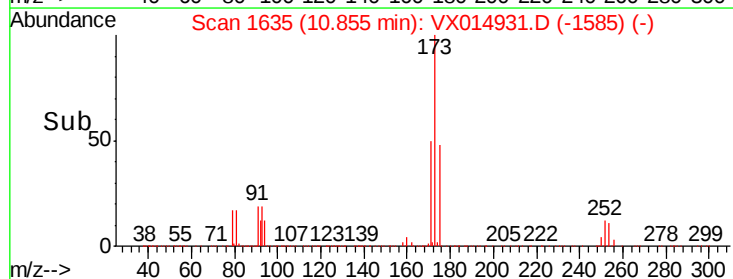
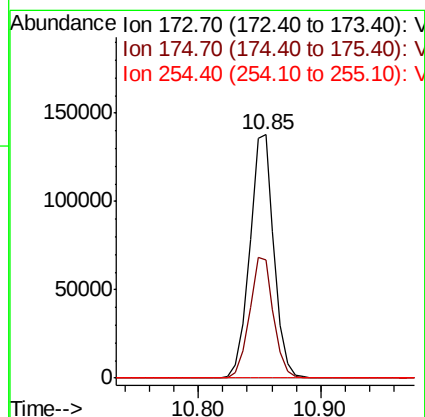
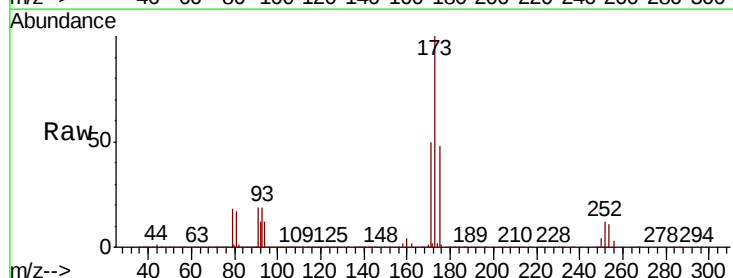
Instrument :
MSVOA_X
ClientSampleId :

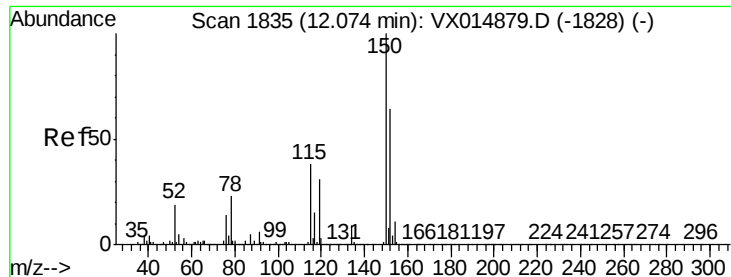
Tot Ion:104 Resp: 301936
Ion Ratio Lower Upper
104 100
78 56.6 39.0 58.4
103 61.6 43.4 65.0



#71
Bromoform
Concen: 44.745 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion:173 Resp: 188799
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.2 0.2 0.2



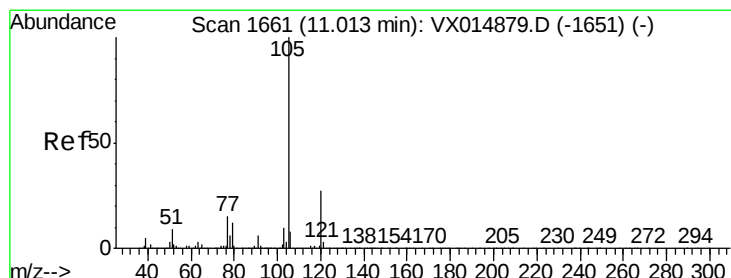
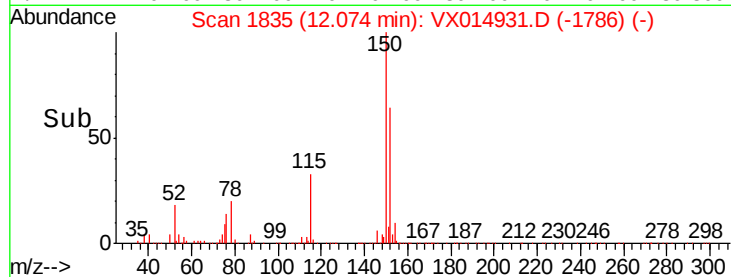
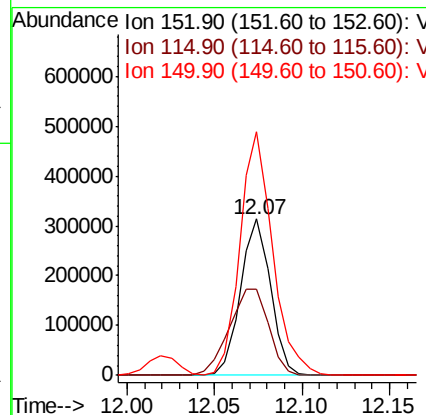
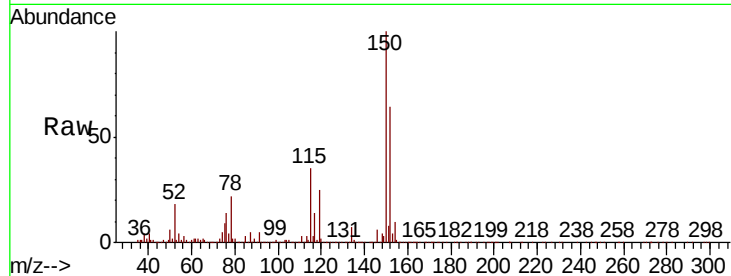


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :

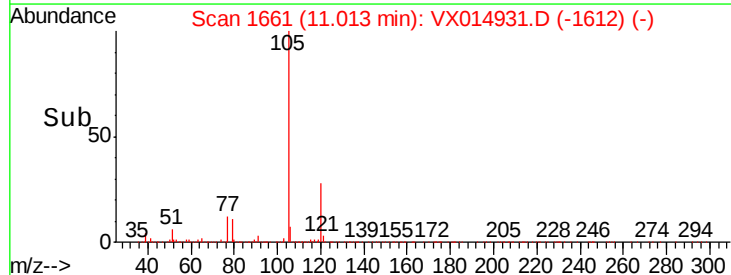
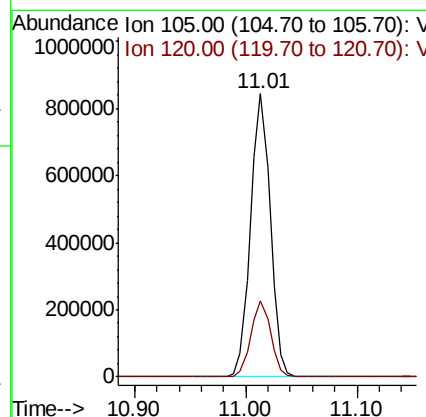
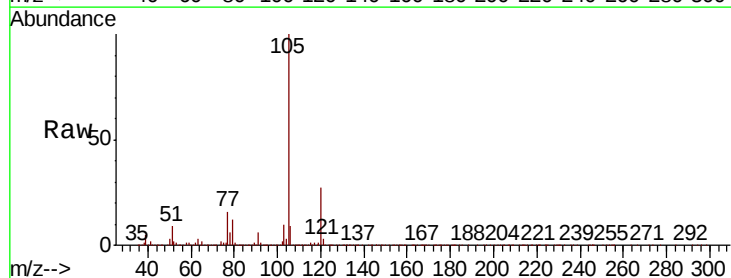
Tot Ion	Ratio	Lower	Upper
152	100		
115	72.2	38.6	116.0
150	169.7	0.0	349.0

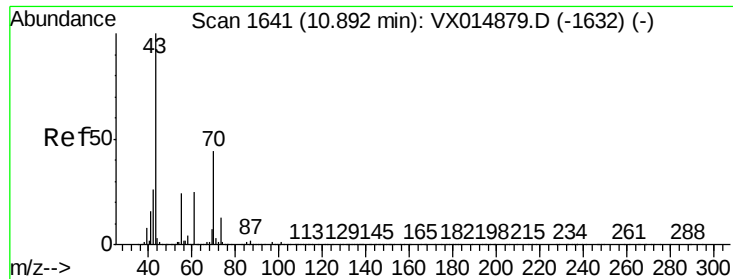


#73

Isopropylbenzene
Concen: 44.330 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8





#74

N-amvl acetate

Concen: 45.916 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 447381

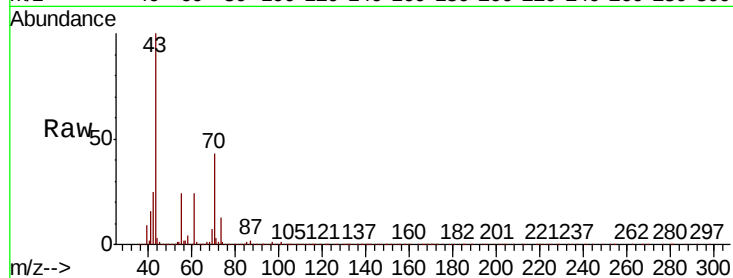
Ion Ratio Lower Upper

43 100

70 43.8 35.0 52.4

55 24.4 19.4 29.2

61 24.6 19.8 29.6

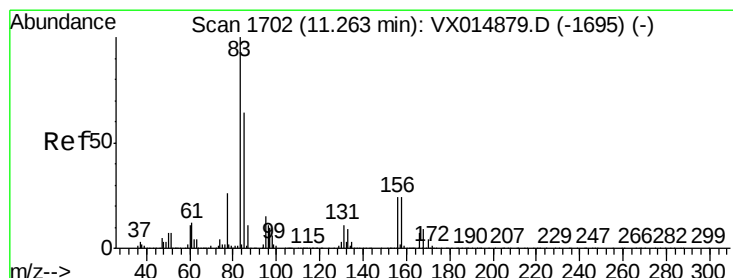
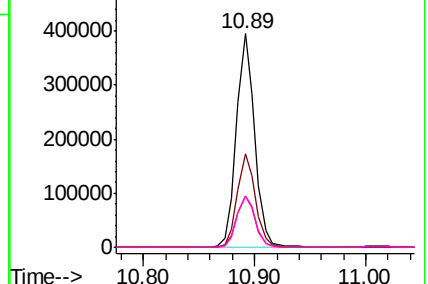
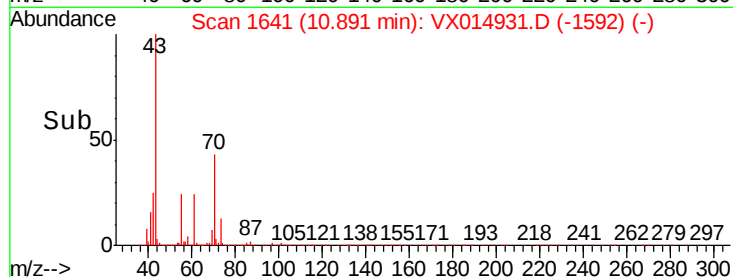


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.413 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

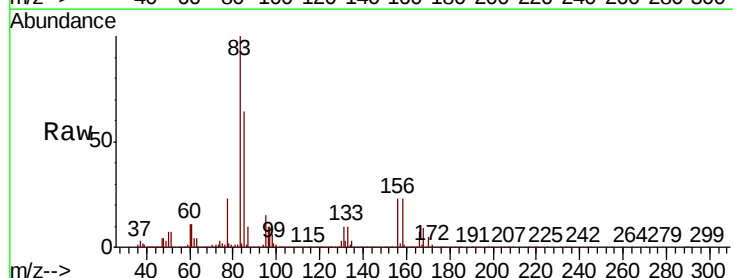
Tgt Ion: 83 Resp: 340446

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

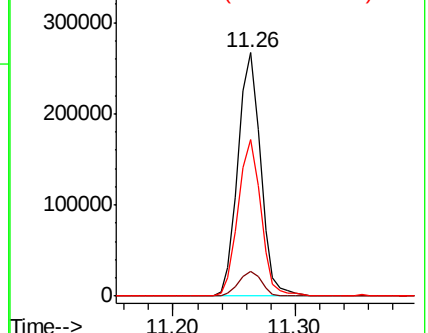
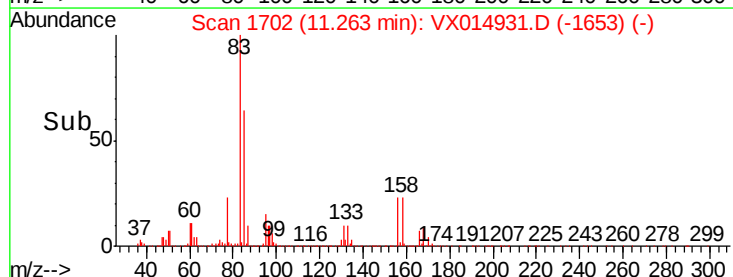
85 64.8 32.6 97.7

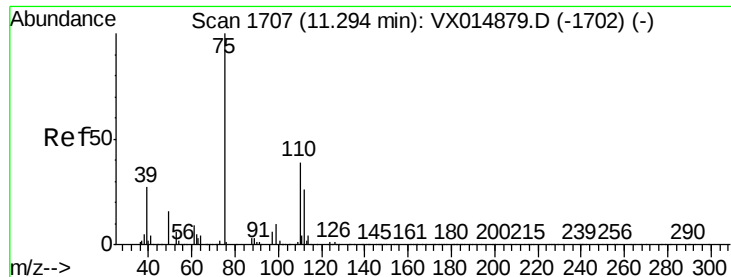


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 57.686 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

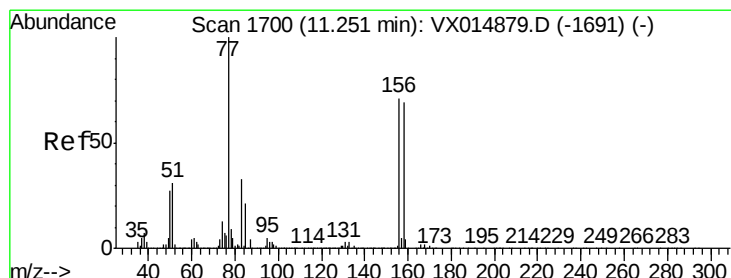
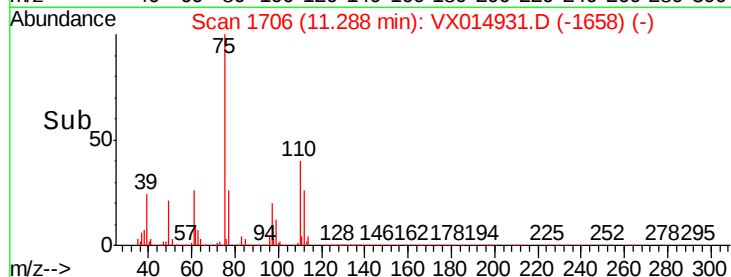
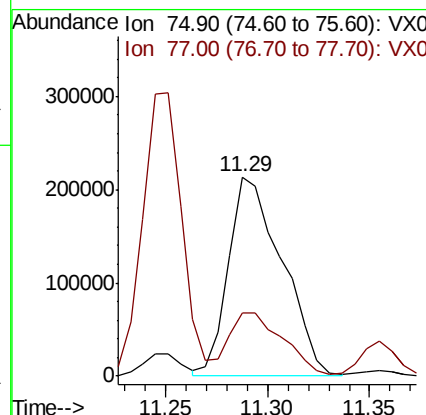
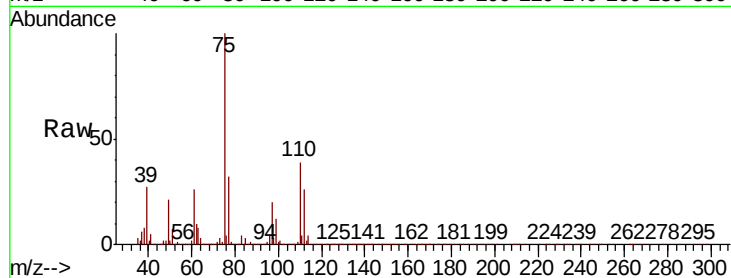
ClientSampleId :

Tot Ion: 75 Resp: 390073

Ion Ratio Lower Upper

75 100

77 32.6 18.4 55.0



#77

Bromobenzene

Concen: 42.315 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

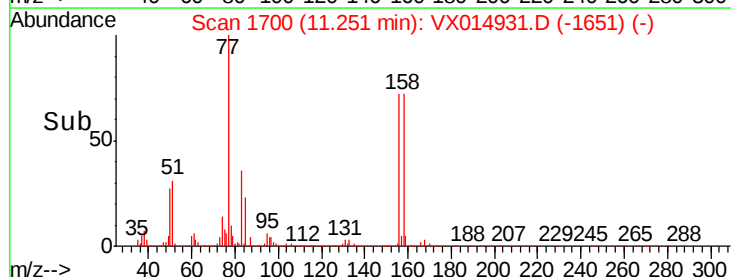
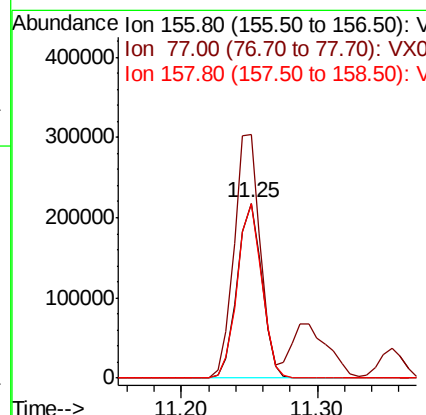
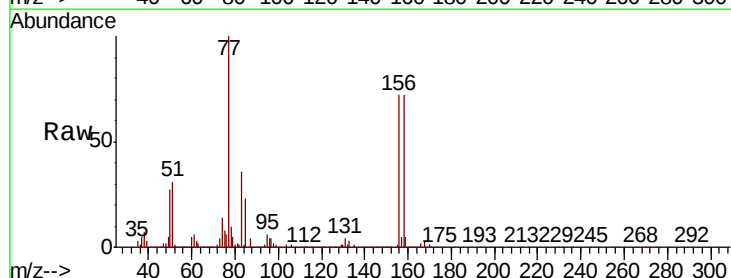
Tgt Ion: 156 Resp: 276958

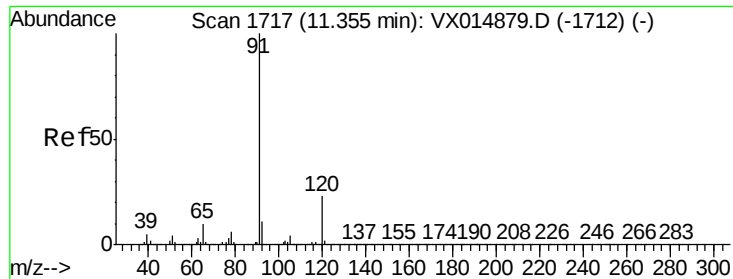
Ion Ratio Lower Upper

156 100

77 145.4 74.0 222.0

158 98.6 48.9 146.6





#78

n-propylbenzene

Concen: 43.270 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

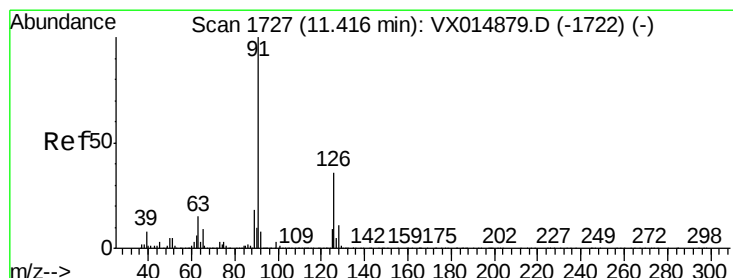
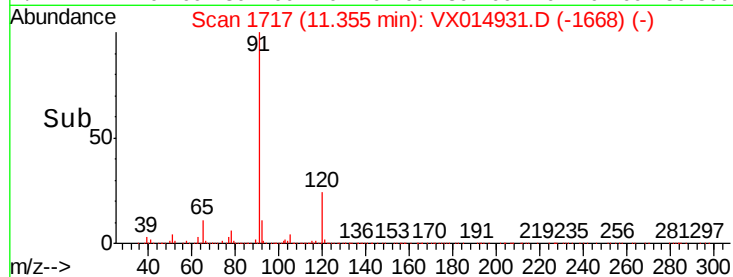
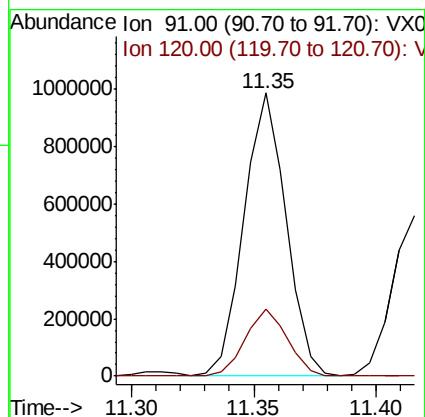
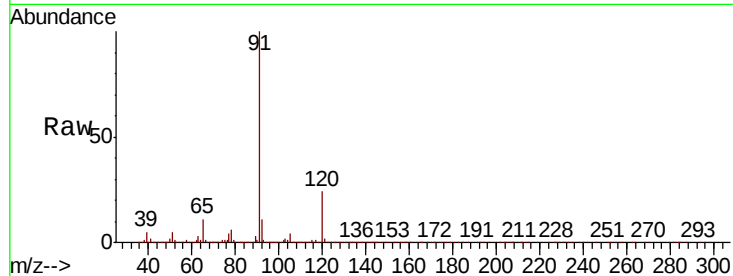
ClientSampleId :

Tot Ion: 91 Resp: 1173577

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 43.178 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014931.D

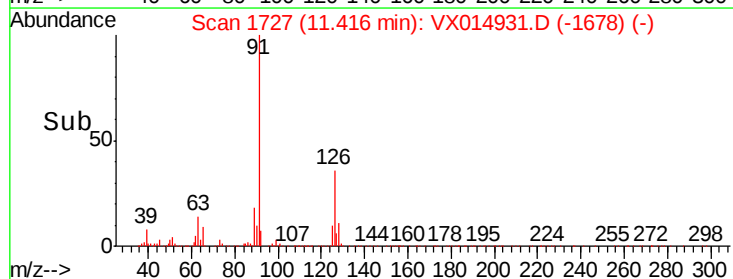
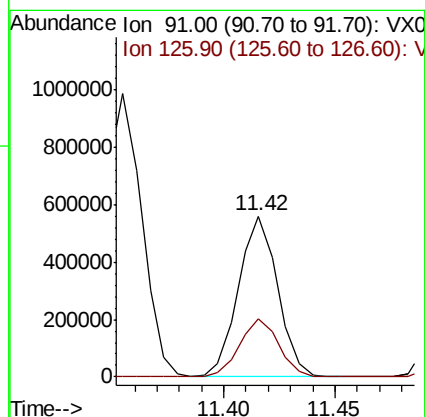
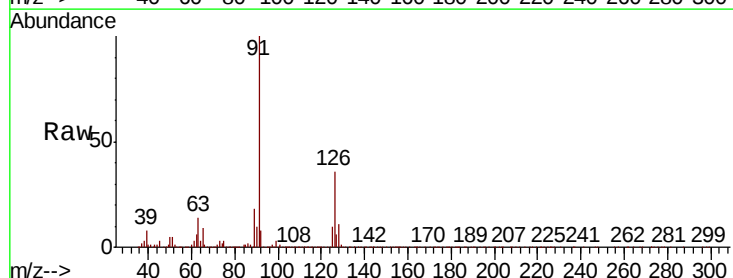
Acq: 12 Feb 2020 17:16

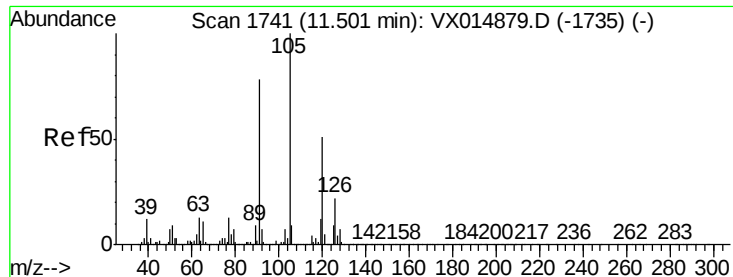
Tgt Ion: 91 Resp: 688464

Ion Ratio Lower Upper

91 100

126 35.9 18.0 54.0

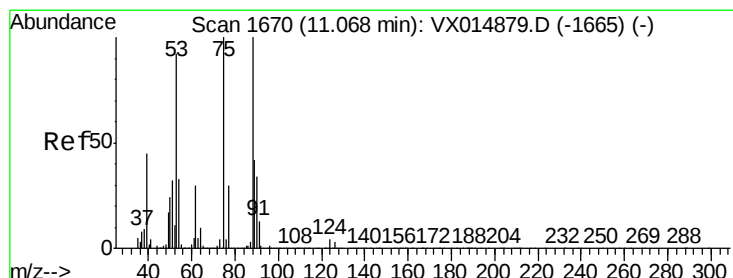
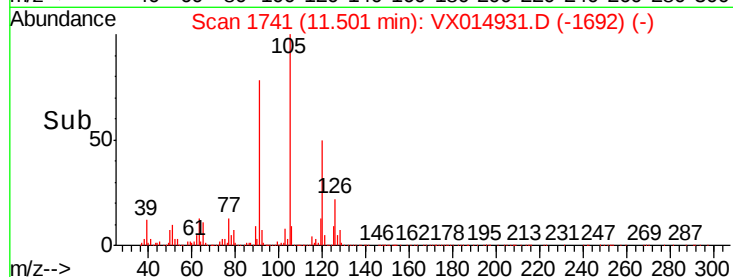
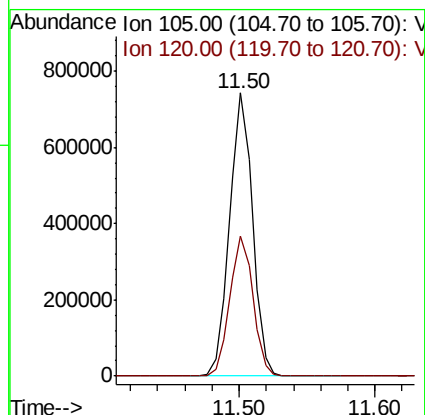
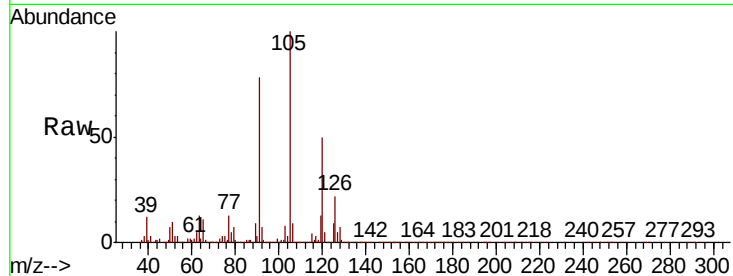




#80
 1,3,5-Trimethylbenzene
 Concen: 44.438 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

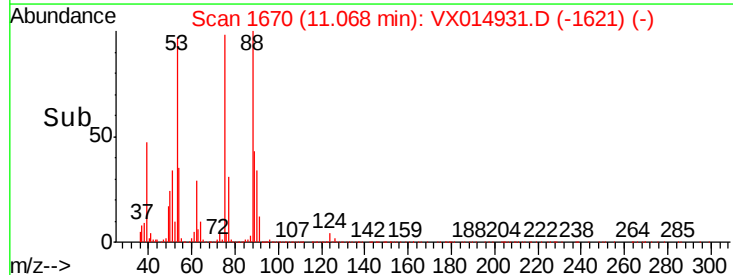
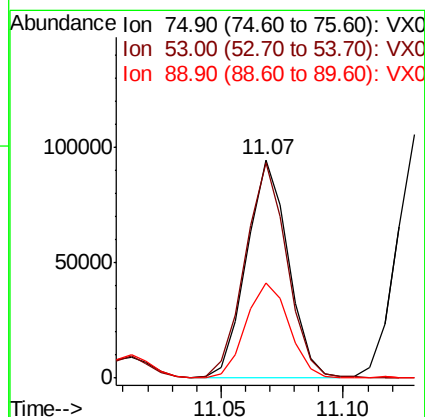
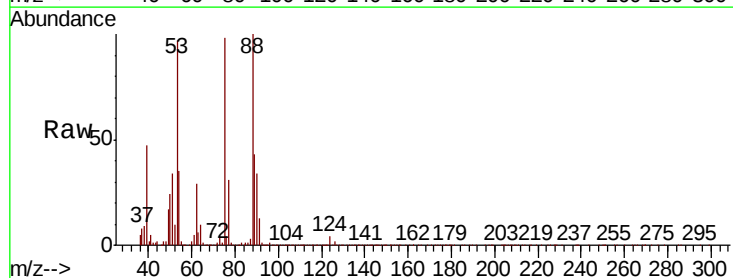
Instrument :
 MSVOA_X
 ClientSampleId :

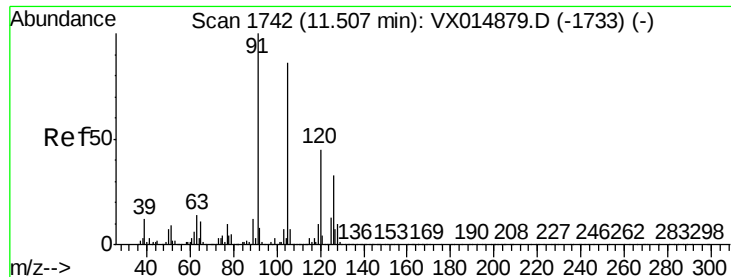
Tot Ion:105 Resp: 870704
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.279 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion: 75 Resp: 111689
 Ion Ratio Lower Upper
 75 100
 53 98.9 76.2 114.2
 89 45.2 35.8 53.6





#82

4-Chlorotoluene

Concen: 42.845 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

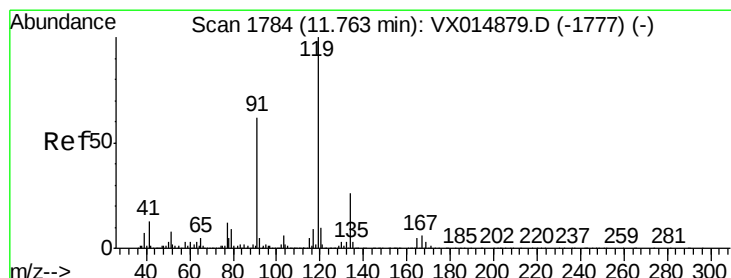
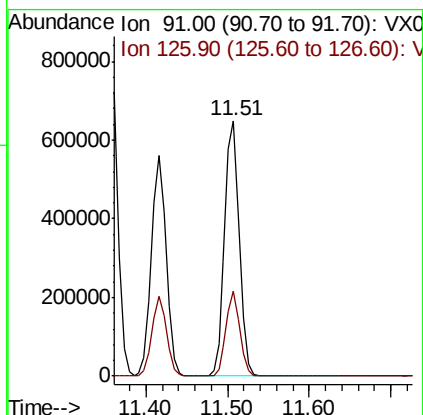
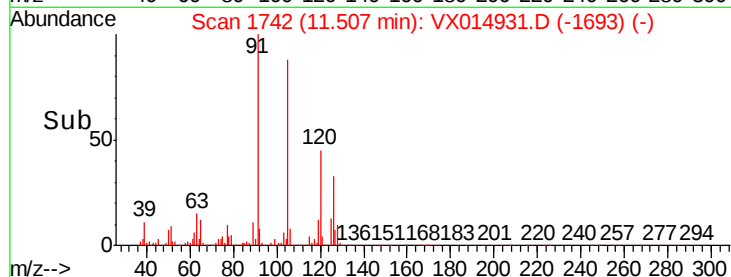
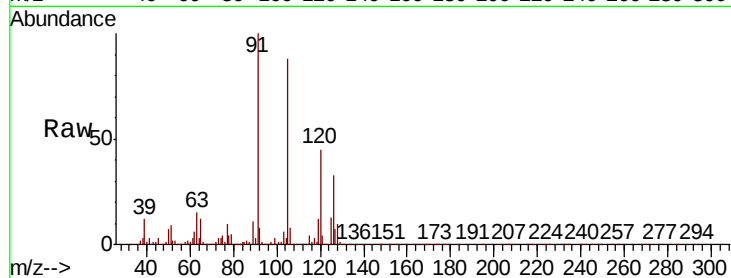
ClientSampleId :

Tot Ion: 91 Resp: 809001

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0



#83

tert-Butylbenzene

Concen: 46.191 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

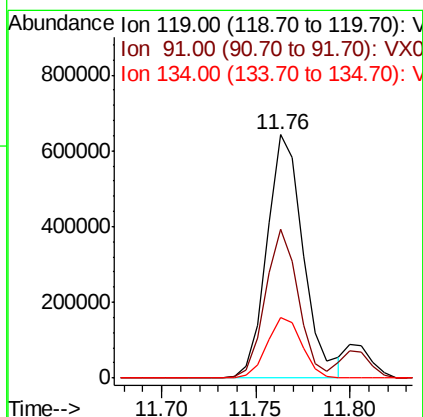
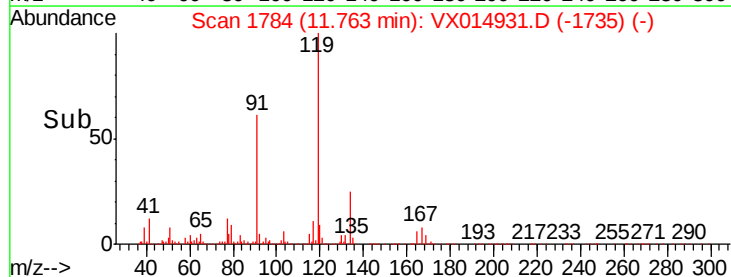
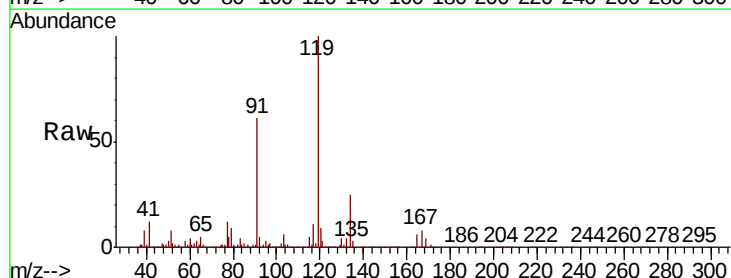
Tgt Ion: 119 Resp: 857050

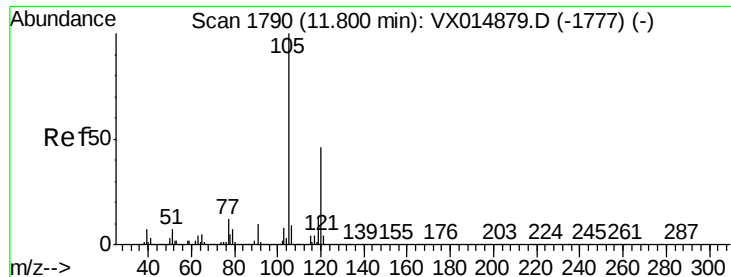
Ion Ratio Lower Upper

119 100

91 55.8 29.5 88.6

134 24.1 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 44.056 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

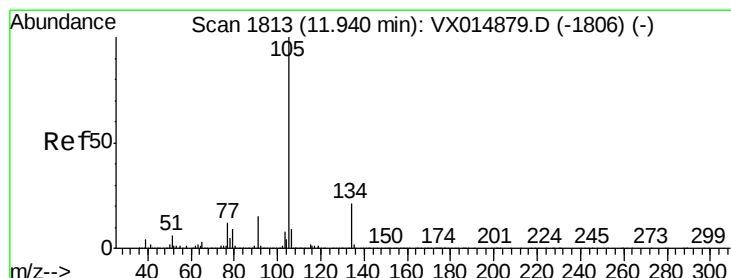
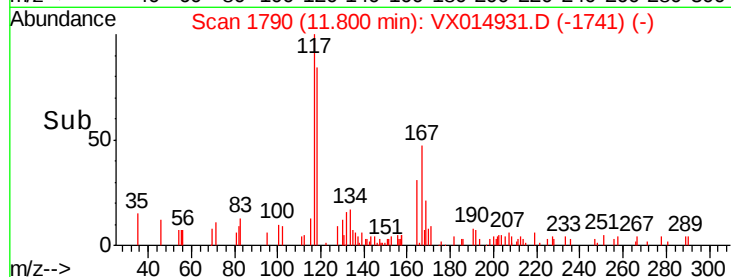
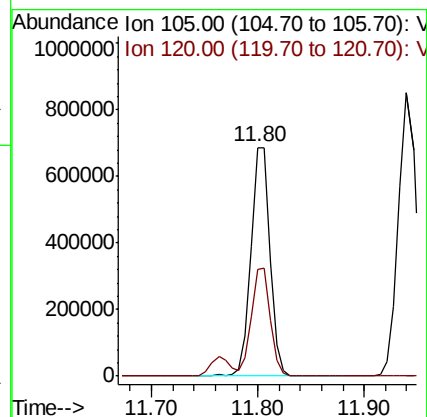
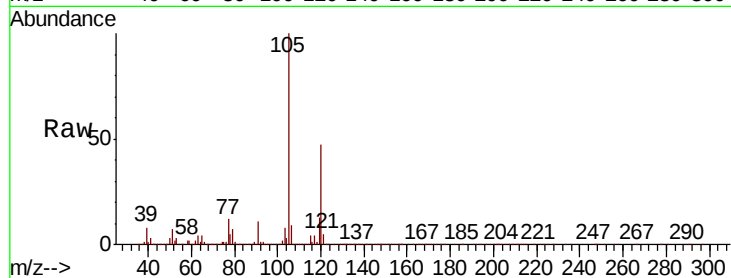
ClientSampleId :

Tot Ion:105 Resp: 869924

Ion Ratio Lower Upper

105 100

120 46.7 23.0 69.0



#85

sec-Butylbenzene

Concen: 43.675 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014931.D

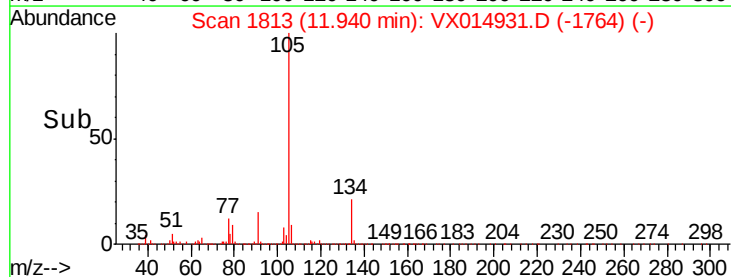
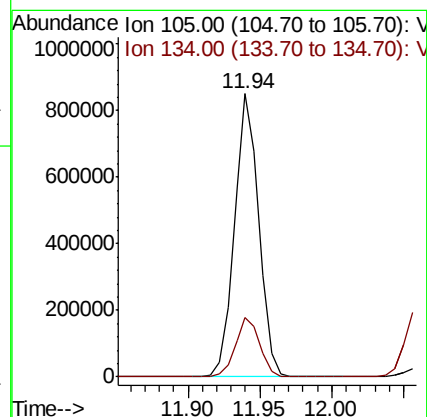
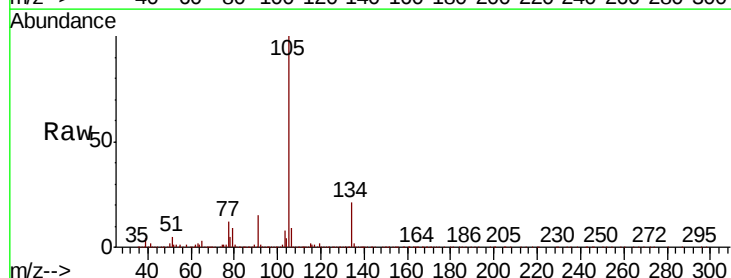
Acq: 12 Feb 2020 17:16

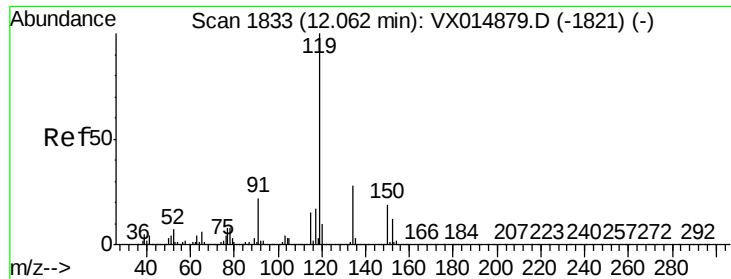
Tgt Ion:105 Resp: 1006704

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

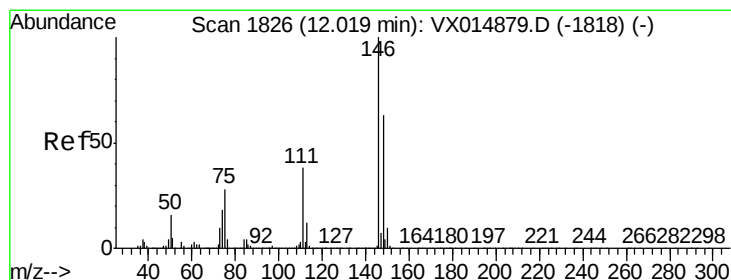
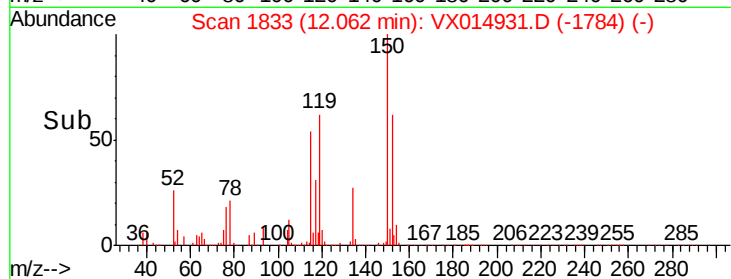
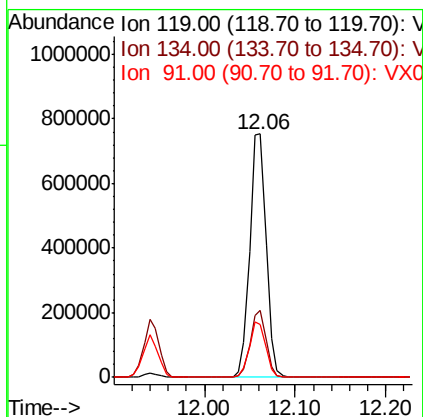
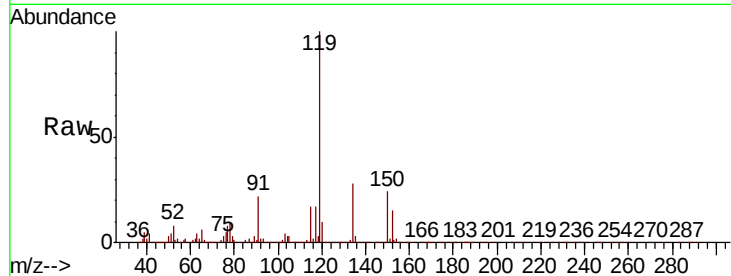




#86
 p-Isopropyltoluene
 Concen: 43.743 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

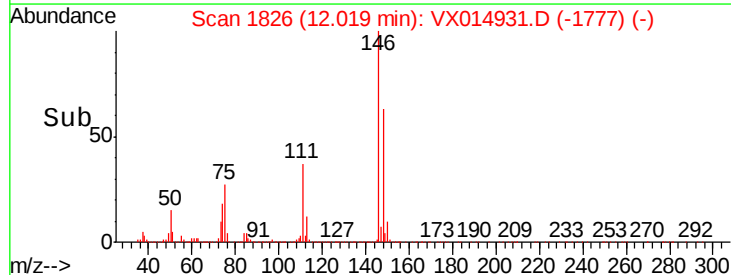
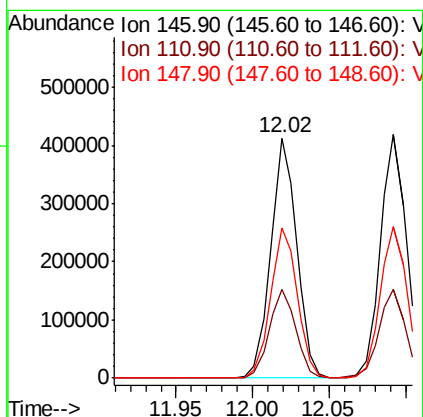
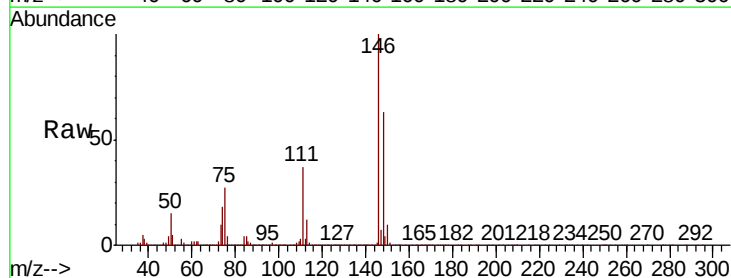
Instrument :
 MSVOA_X
 ClientSampleId :

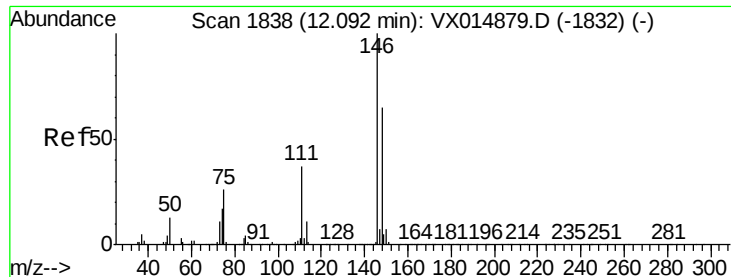
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.5
91	22.5	11.4	34.1



#87
 1,3-Dichlorobenzene
 Concen: 41.817 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	64.2	31.8	95.4

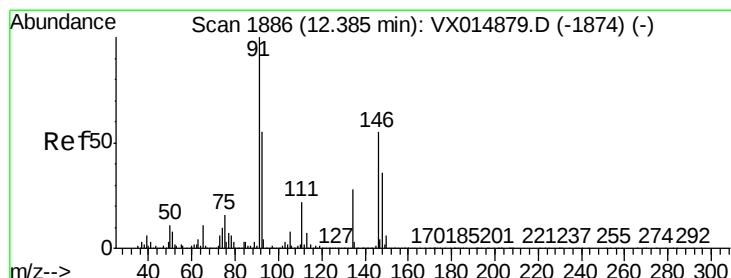
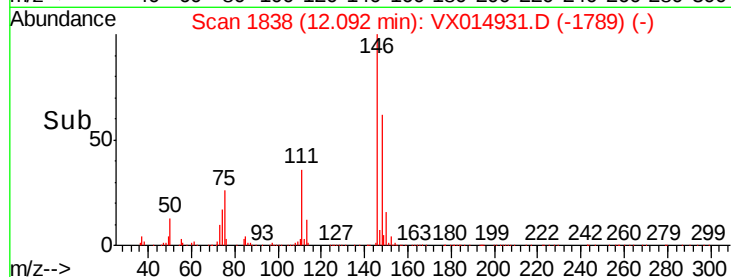
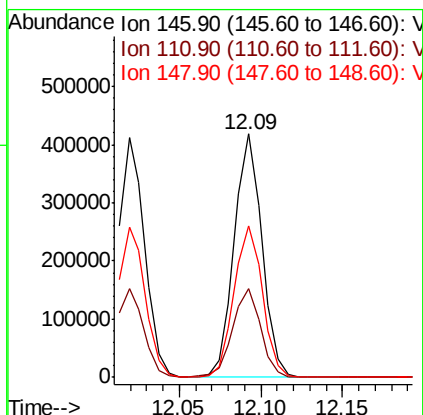
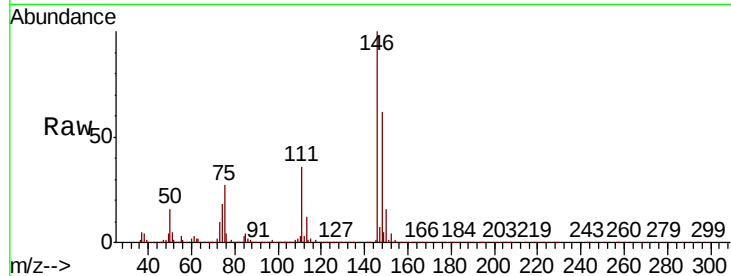




#88
 1,4-Dichlorobenzene
 Concen: 41.239 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

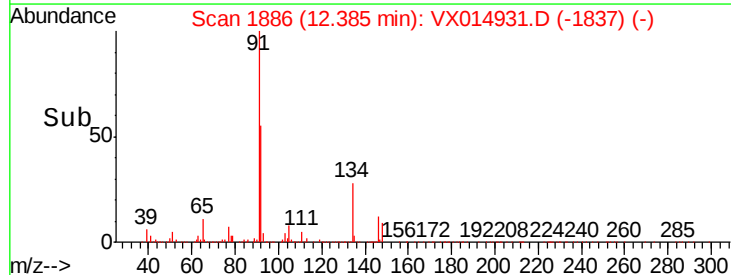
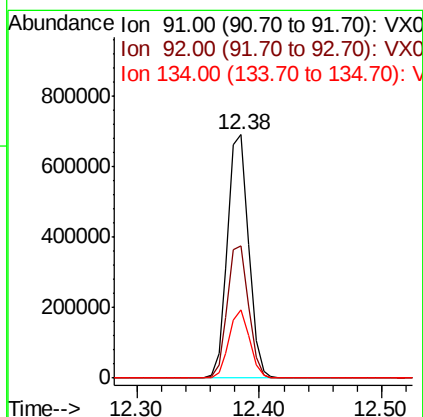
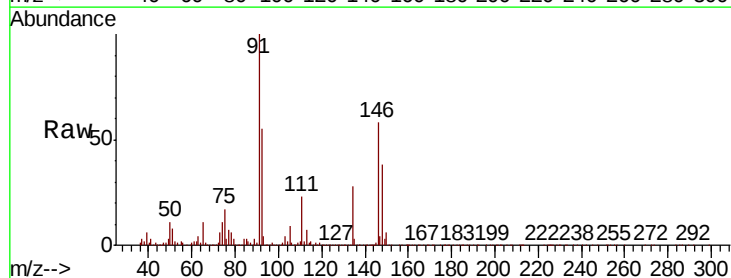
Instrument :
 MSVOA_X
 ClientSampleId :

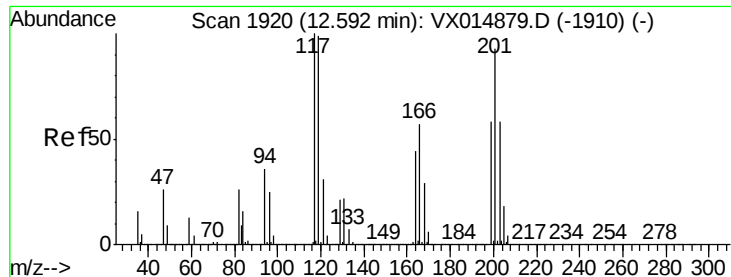
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	63.9	32.4	97.0



#89
 n-Butylbenzene
 Concen: 42.758 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.3	13.8	41.4

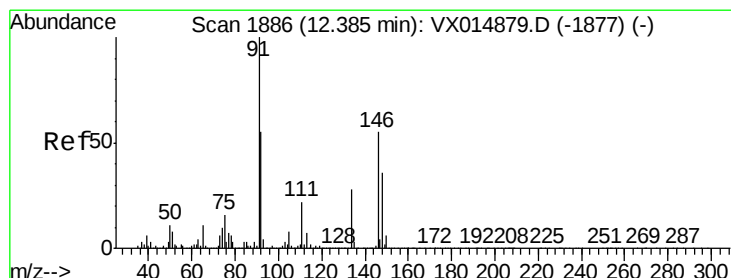
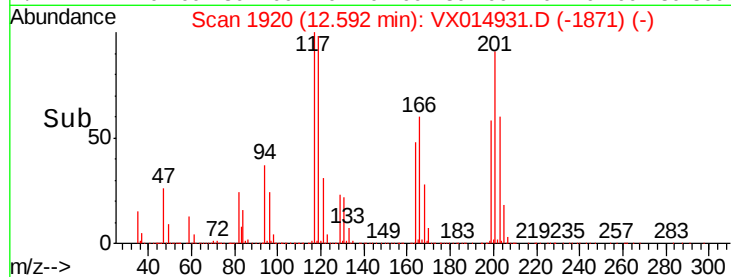
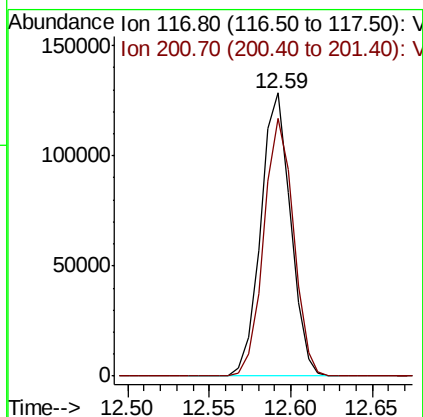
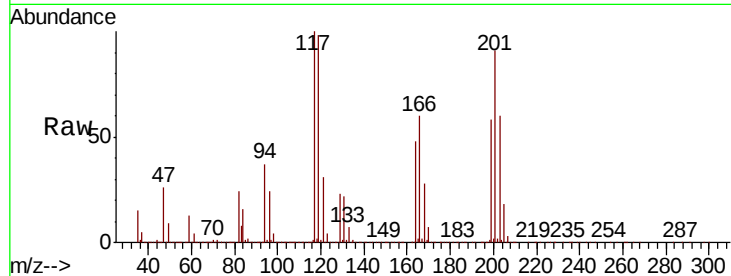




#90
Hexachloroethane
Concen: 43.226 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

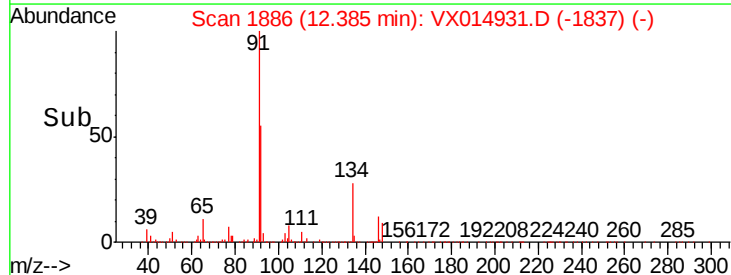
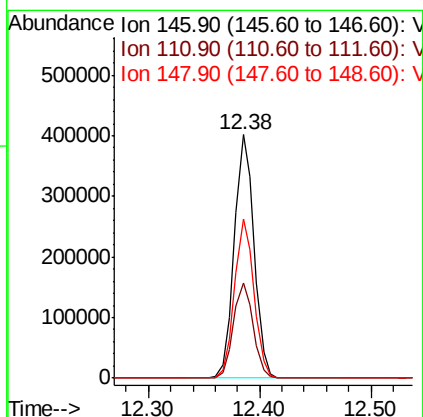
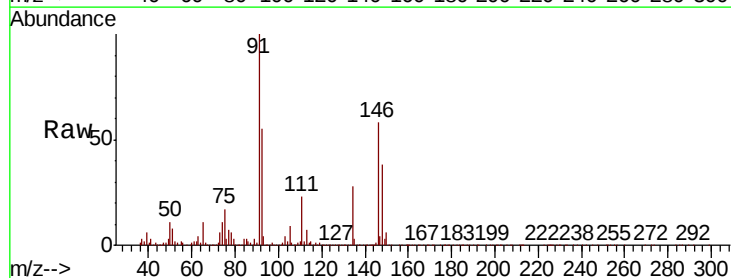
Instrument :
MSVOA_X
ClientSampled :

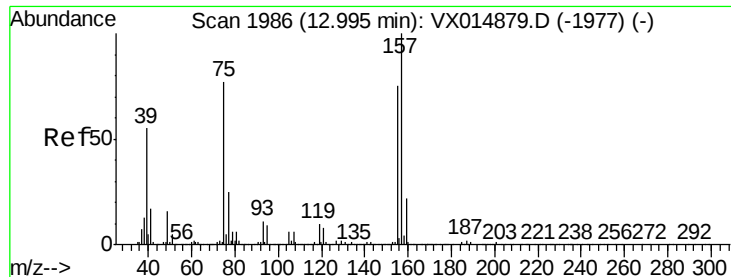
Tot Ion:117 Resp: 162825
Ion Ratio Lower Upper
117 100
201 90.5 44.8 134.3



#91
1,2-Dichlorobenzene
Concen: 42.658 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion:146 Resp: 491192
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.3
148 64.2 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 41.449 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

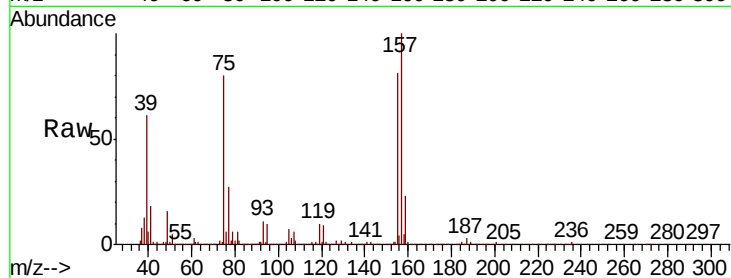
Tot Ion: 75 Resp: 74540

Ion Ratio Lower Upper

75 100

155 96.2 48.6 145.9

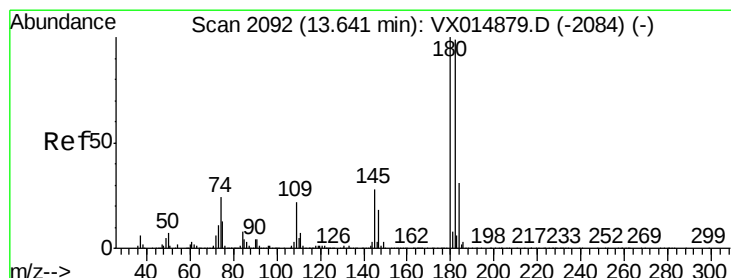
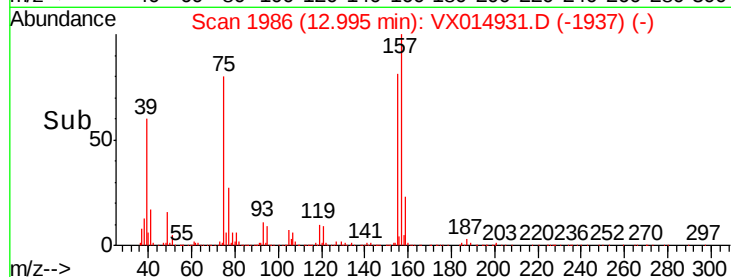
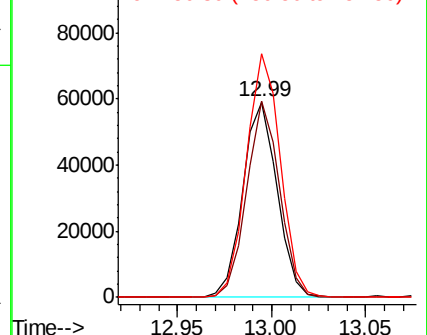
157 123.7 62.0 186.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 41.603 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

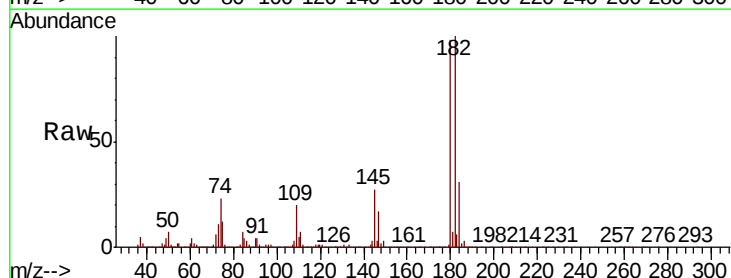
Tgt Ion: 180 Resp: 353587

Ion Ratio Lower Upper

180 100

182 97.9 48.4 145.3

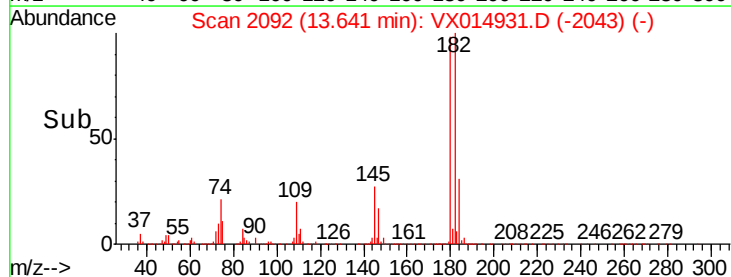
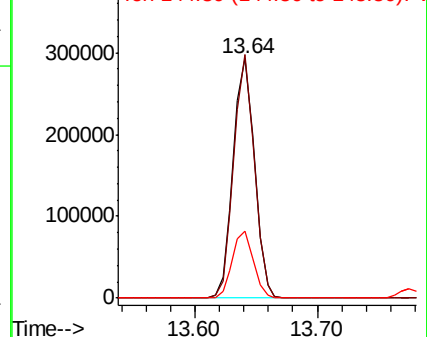
145 27.9 14.1 42.4

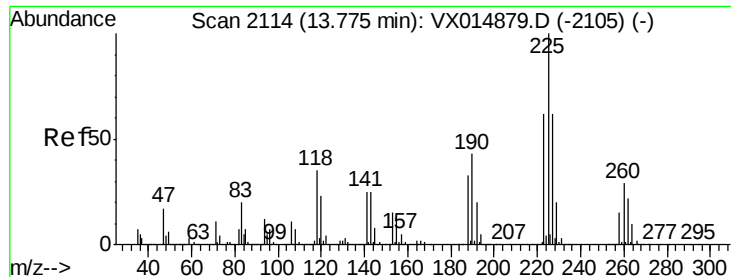


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 41.313 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

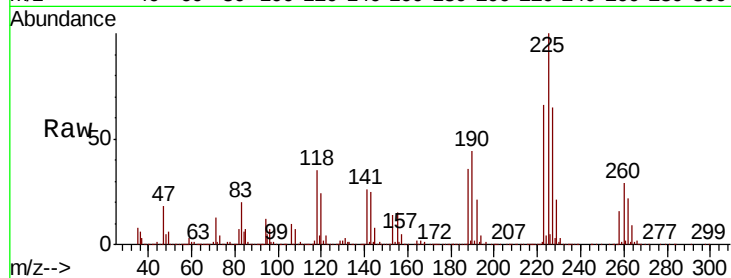
Tot Ion:225 Resp: 169831

Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 63.4 30.9 92.5

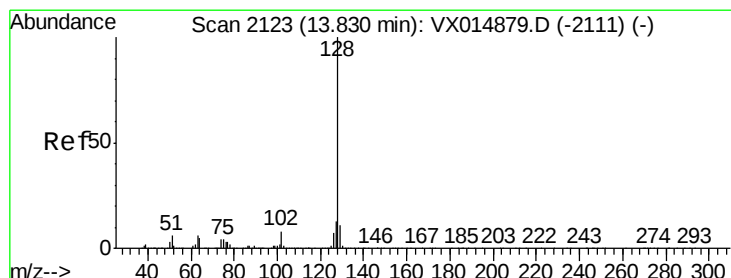
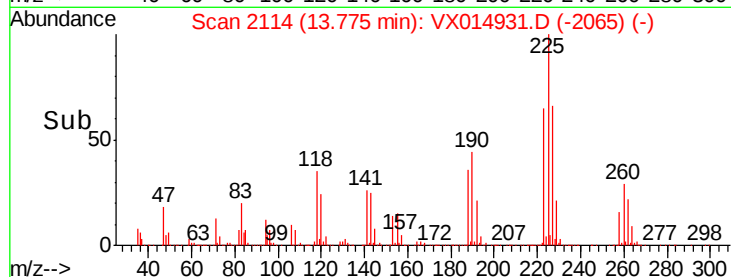
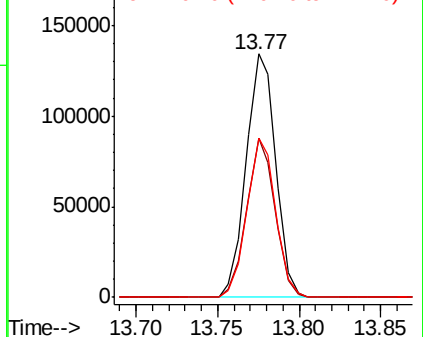


Abundance

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: 46.158 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

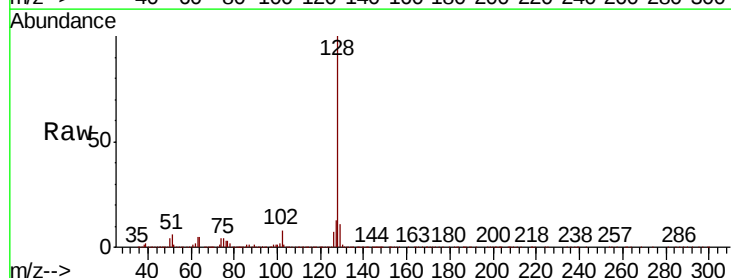
Tgt Ion:128 Resp: 1043058

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 8.6 13.0

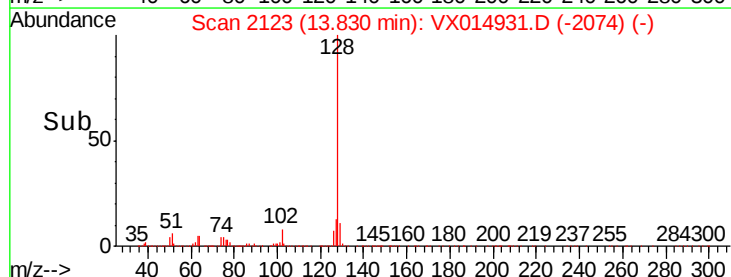
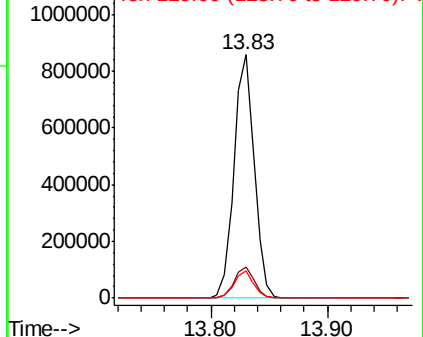


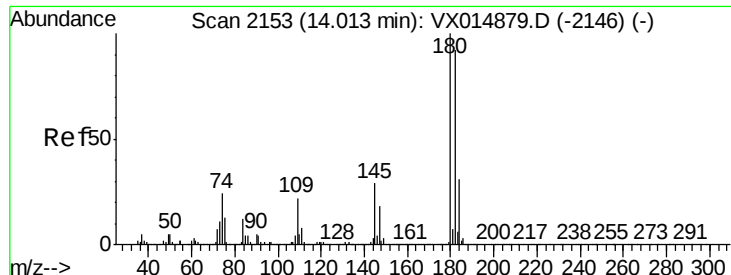
Abundance

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: 42.930 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

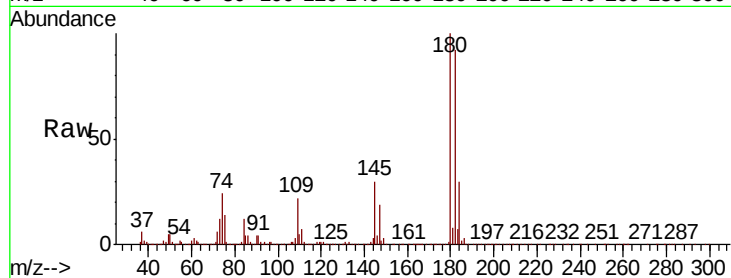
Tot Ion:180 Resp: 352514

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 29.7 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

