

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014874.D
 Acq On : 07 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 22:13:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	68991	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	388739	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	360110	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	149187	30.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.53%
60) 4-Bromofluorobenzene	11.13	95	176206	30.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.93%
63) Toluene-d8	8.71	98	472798	29.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	99050	20.774	ug/l 99
3) Chloromethane	1.32	50	93565	17.924	ug/l 97
4) Vinyl Chloride	1.40	62	111802	19.075	ug/l 99
5) Bromomethane	1.64	94	46574	12.734	ug/l 98
6) Chloroethane	1.72	64	67003	20.278	ug/l 97
7) Trichlorofluoromethane	1.93	101	136665	21.058	ug/l 99
8) Diethyl Ether	2.18	74	57985	20.455	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81787	21.540	ug/l 98
10) 1,1-Dichloroethene	2.37	96	78073	20.442	ug/l 96
11) Methyl Iodide	2.50	142	39187	7.651	ug/l 99
12) Methyl Acetate	2.76	43	141208	20.467	ug/l 100
13) Acrolein	2.28	56	65519	90.410	ug/l 96
14) Acrylonitrile	3.13	53	225860	95.673	ug/l 98
15) Acetone	2.43	58	62053	78.406	ug/l 86
16) Carbon Disulfide	2.56	76	199212	18.992	ug/l 97
17) Allyl chloride	2.72	41	133904	18.945	ug/l 92
18) Methylene Chloride	2.85	84	90470	20.240	ug/l 91
19) trans-1,2-Dichloroethene	3.16	96	84829	20.633	ug/l 99
20) Diisopropyl ether	3.84	45	285511	20.416	ug/l 99
21) 1,1-Dichloroethane	3.69	63	150131	19.762	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	98748	20.901	ug/l 99
23) tert-Butyl Alcohol	3.02	59	89199	91.363	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	274048	21.561	ug/l 99
25) Chloroform	5.20	83	156038	21.203	ug/l 97
26) Cyclohexane	5.58	56	136591	19.492	ug/l 99
29) 1,1-Dichloropropene	5.79	75	118395	20.767	ug/l 98
30) 2-Butanone	4.65	43	313774	86.882	ug/l 99
31) 2,2-Dichloropropane	4.58	77	127617	20.920	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	131350	20.825	ug/l 99
33) Carbon Tetrachloride	5.78	117	112937	20.856	ug/l 98
34) Benzene	6.14	78	348096	19.759	ug/l 99
35) Methacrylonitrile	5.03	41	68593	19.017	ug/l 94
36) 1,2-Dichloroethane	6.19	62	126080	20.565	ug/l 97
37) Trichloroethene	7.20	130	100977	20.934	ug/l 100
38) Methylcyclohexane	7.46	83	140331	19.769	ug/l 97
39) 1,2-Dichloropropane	7.51	63	87838	19.174	ug/l 95
40) Dibromomethane	7.65	93	59610	20.247	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	118767	20.600	ug/l	97
42) Vinyl Acetate	3.80	43	1104663	99.239	ug/l	99
43) Ethyl Acetate	4.82	43	126080	19.285	ug/l	99
44) Isopropyl Acetate	6.43	43	203412	19.287	ug/l	99
45) 1,4-Dioxane	7.73	88	33345	316.073	ug/l	96
46) Methyl methacrylate	7.76	41	100711	19.418	ug/l	99
47) n-amyl Acetate	10.89	43	177793	20.119	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	132352	21.026	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	142166	20.044	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	91312	20.382	ug/l	99
51) Ethyl methacrylate	9.17	69	137406	19.699	ug/l	94
52) 1,3-Dichloropropane	9.37	76	153611	20.238	ug/l	99
53) Dibromochloromethane	9.57	129	95996	20.949	ug/l	98
54) 1,2-Dibromoethane	9.67	107	98238	21.144	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	284761	88.828	ug/l	98
56) Bromoform	10.85	173	73066	20.701	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	637037	93.938	ug/l	98
59) 2-Hexanone	9.48	43	477572	91.058	ug/l	99
61) Tetrachloroethene	9.33	164	100858	18.949	ug/l	97
62) Toluene	8.78	91	386981	20.255	ug/l	100
64) Chlorobenzene	10.14	112	246511	20.669	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	90554	20.557	ug/l	100
66) Ethyl Benzene	10.25	91	433328	20.823	ug/l	97
67) m/p-Xylenes	10.36	106	333551	41.845	ug/l	99
68) o-Xylene	10.70	106	159094	20.496	ug/l	99
69) Styrene	10.71	104	270587	20.575	ug/l	99
70) Isopropylbenzene	11.01	105	427894	21.042	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137378	20.056	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	152320	25.997	ug/l	95
73) Bromobenzene	11.25	156	116348	21.584	ug/l	94
74) n-propylbenzene	11.35	91	496654	21.374	ug/l	98
75) 2-Chlorotoluene	11.42	91	287642	20.655	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	357209	21.081	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41054	18.206	ug/l	96
78) 4-Chlorotoluene	11.51	91	337335	21.329	ug/l	96
79) tert-butylbenzene	11.76	119	346263	21.840	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	359696	21.284	ug/l	99
81) sec-Butylbenzene	11.94	105	416349	21.222	ug/l	98
82) p-Isopropyltoluene	12.06	119	394808	22.044	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	207649	22.062	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	209627	22.464	ug/l	99
85) n-Butylbenzene	12.39	91	348661	22.249	ug/l	100
86) Hexachloroethane	12.59	117	62271	19.389	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	206888	21.785	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29257	19.995	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	152351	24.304	ug/l	98
90) Hexachlorobutadiene	13.78	225	72134	23.030	ug/l	98
91) Naphthalene	13.83	128	425570	22.491	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	149148	23.375	ug/l	99

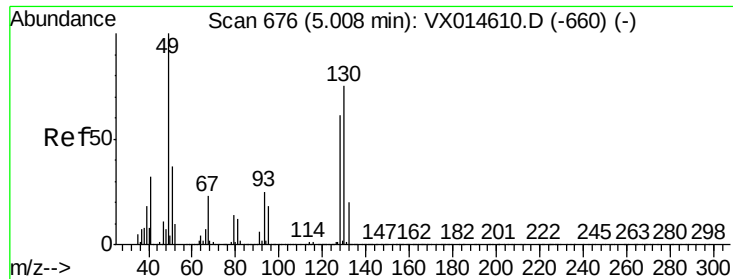
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
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QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

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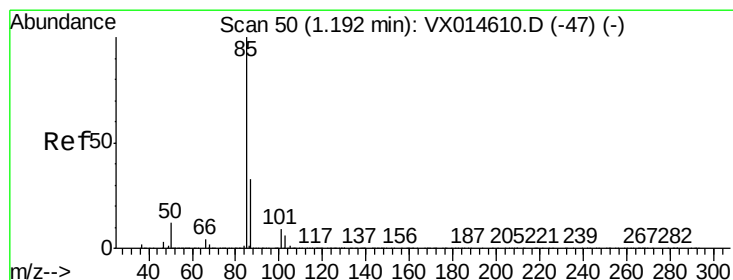
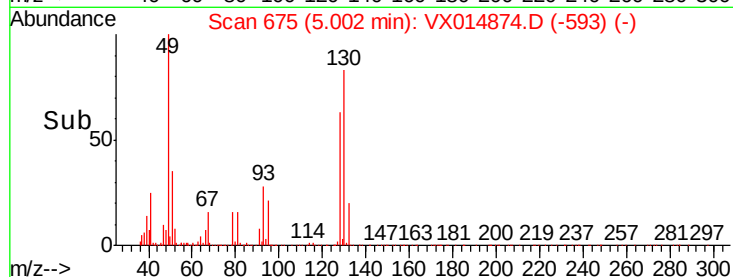
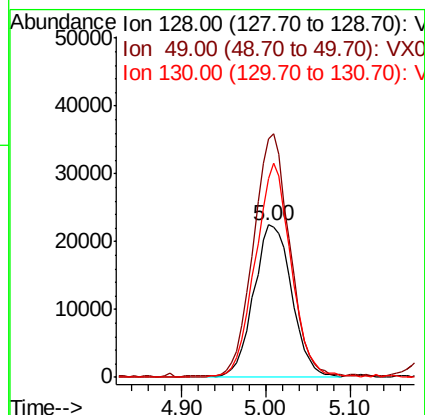
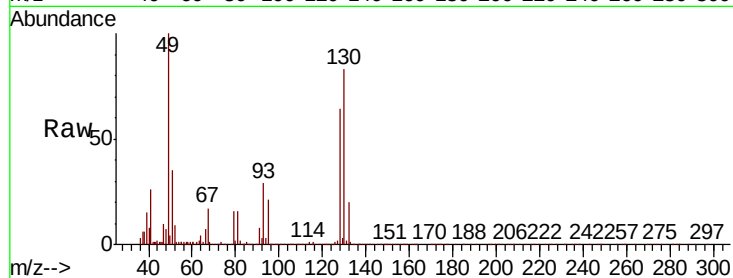
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014874.D
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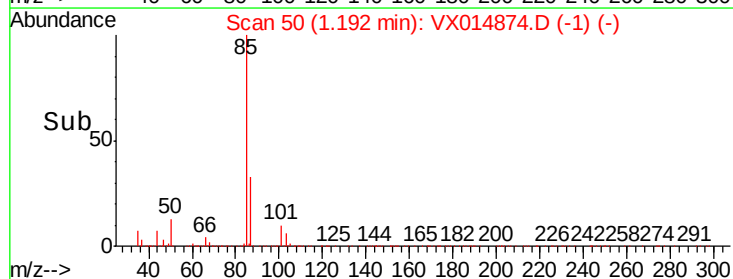
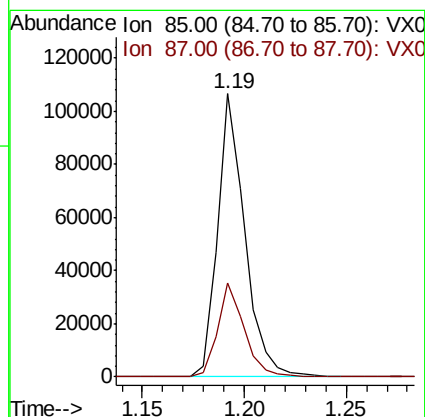
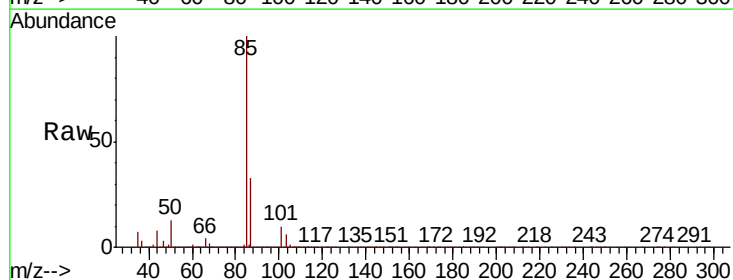
Instrument :
MSVOA_X
ClientSampled :

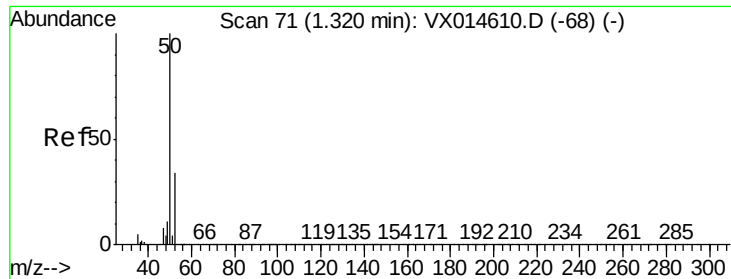
Tot Ion:128 Resp: 68991
Ion Ratio Lower Upper
128 100
49 151.9 0.0 405.0
130 132.4 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 20.774 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 85 Resp: 99050
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





#3

Chloromethane

Concen: 17.924 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

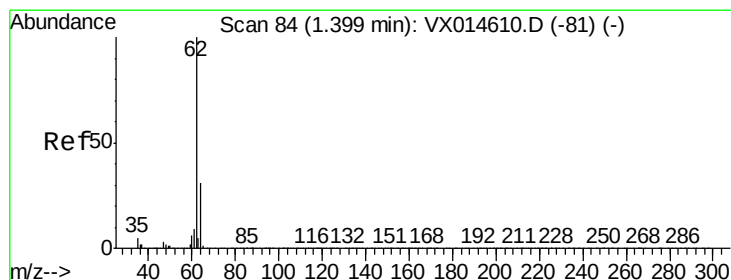
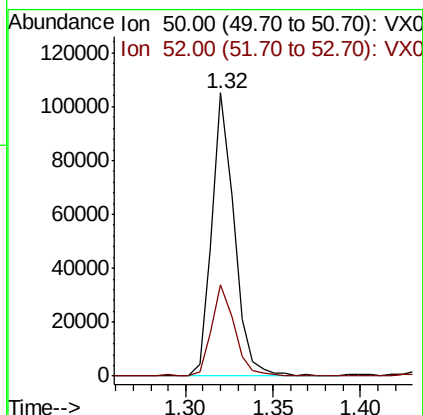
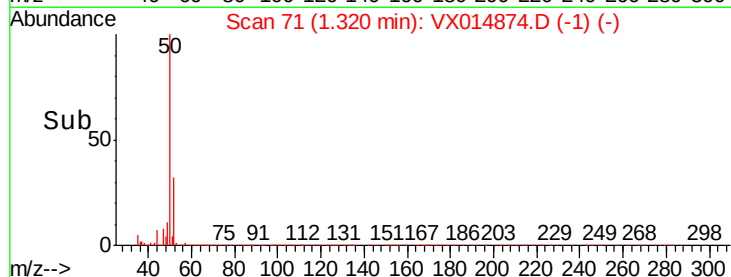
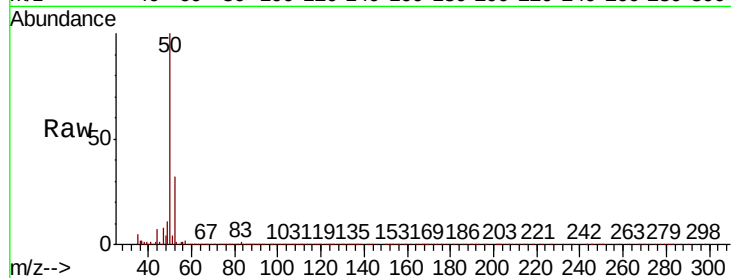
ClientSampleId :

Tot Ion: 50 Resp: 93565

Ion Ratio Lower Upper

50 100

52 32.0 24.3 36.5



#4

Vinyl Chloride

Concen: 19.075 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014874.D

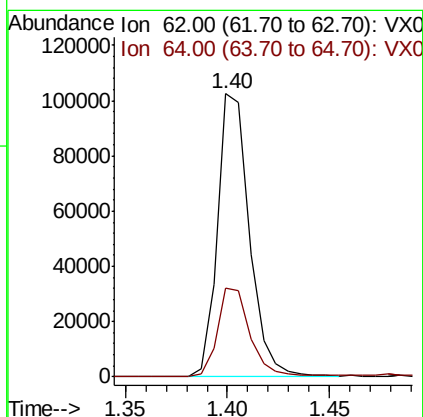
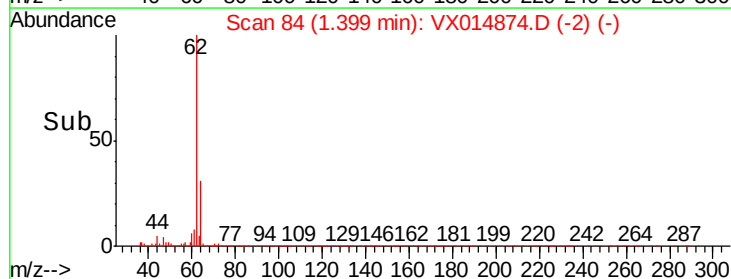
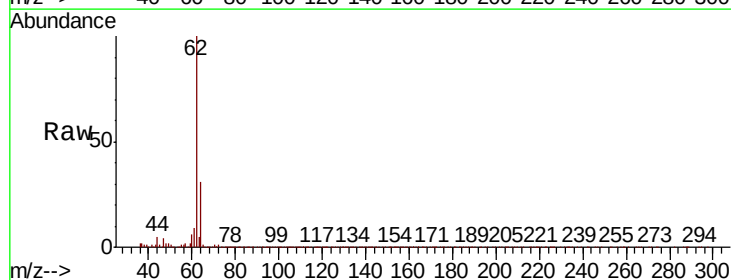
Acq: 07 Feb 2020 16:25

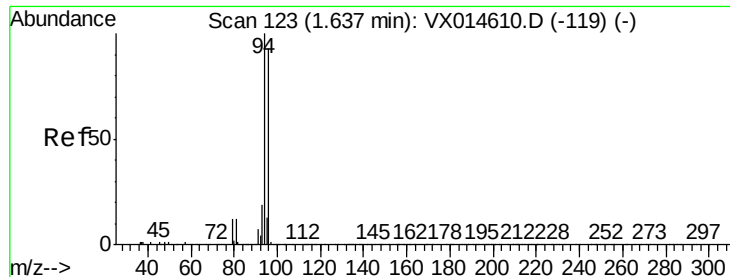
Tgt Ion: 62 Resp: 111802

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 12.734 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

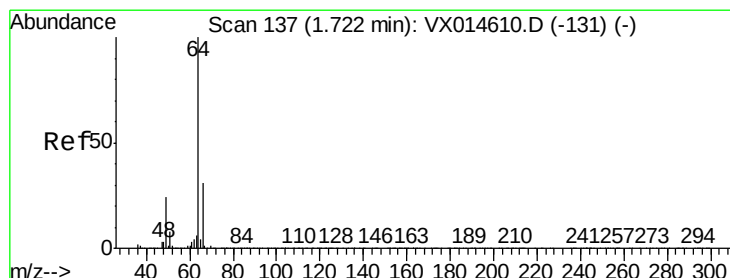
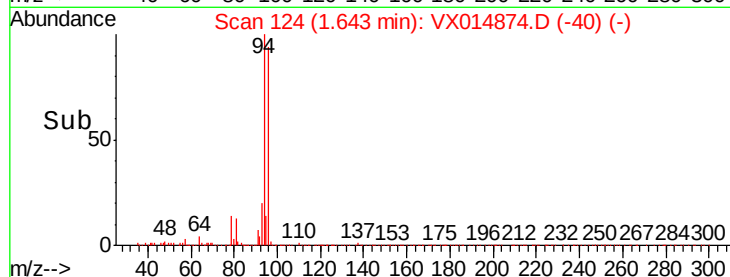
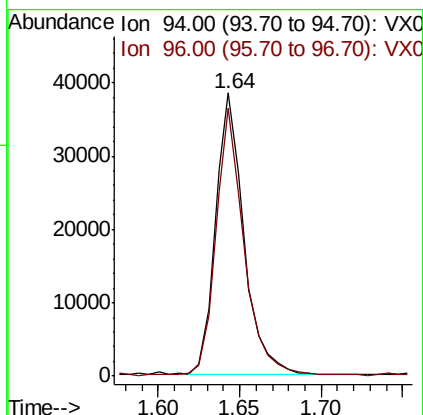
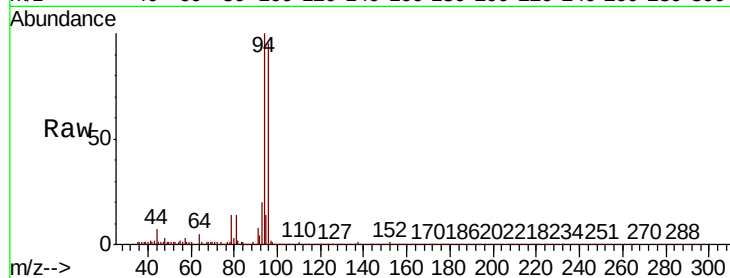
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 46574

Ion Ratio Lower Upper

94 100

96 94.6 74.4 111.6



#6

Chloroethane

Concen: 20.278 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014874.D

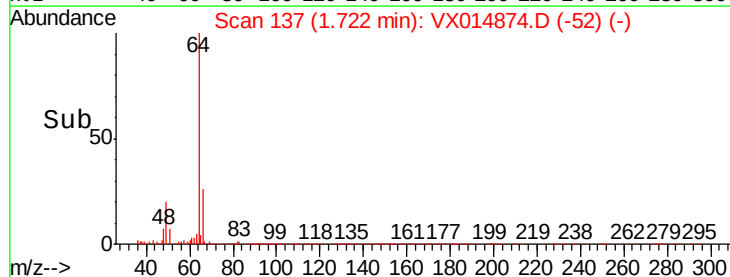
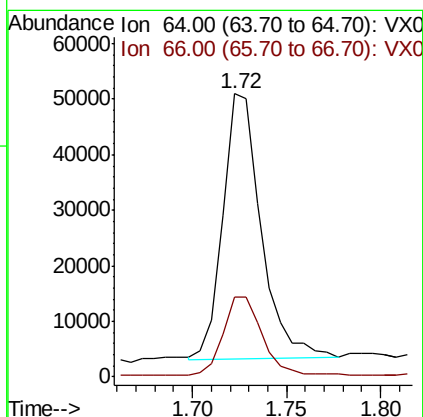
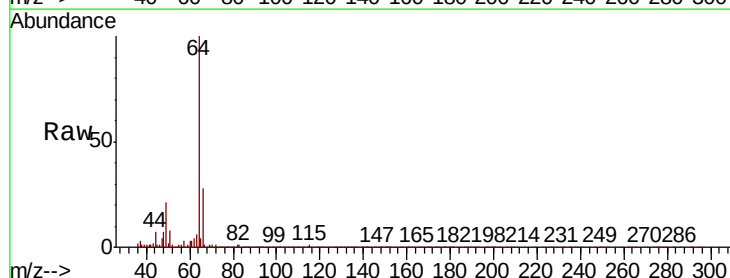
Acq: 07 Feb 2020 16:25

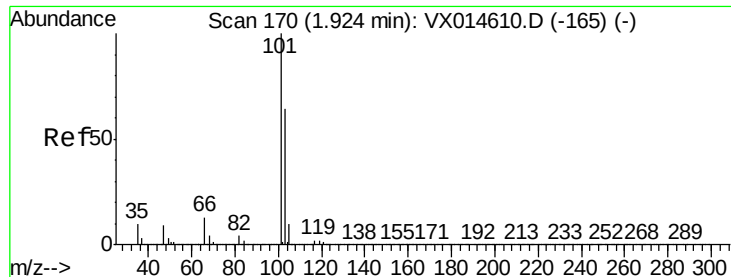
Tgt Ion: 64 Resp: 67003

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8



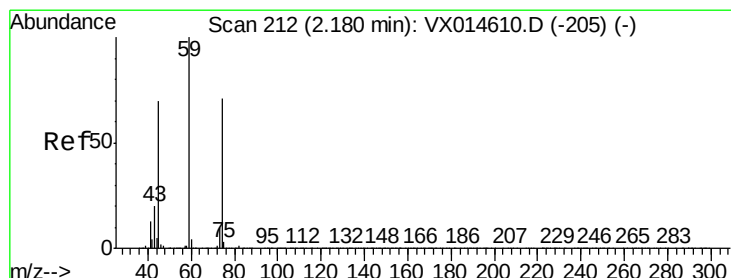
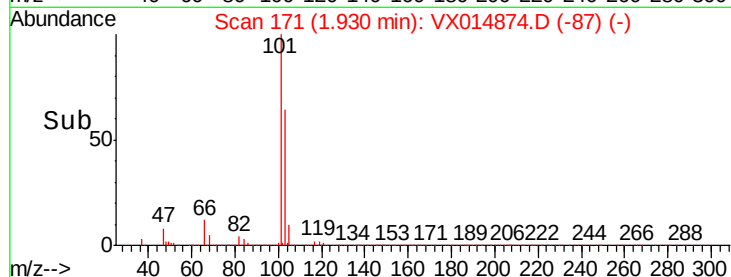
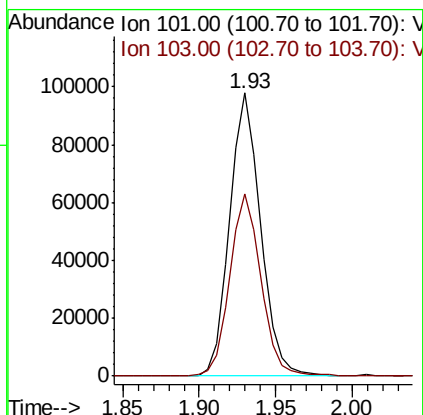
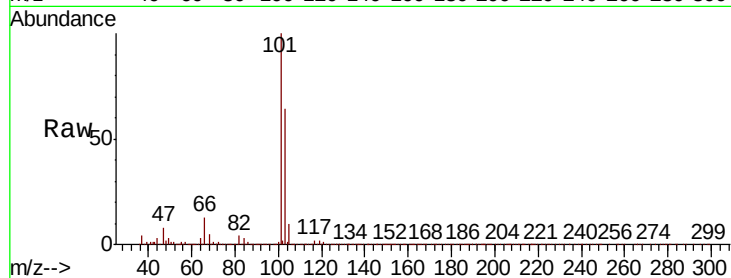


#7

Trichlorofluoromethane
Concen: 21.058 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014874.D
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Instrument :
MSVOA_X
ClientSampleId :

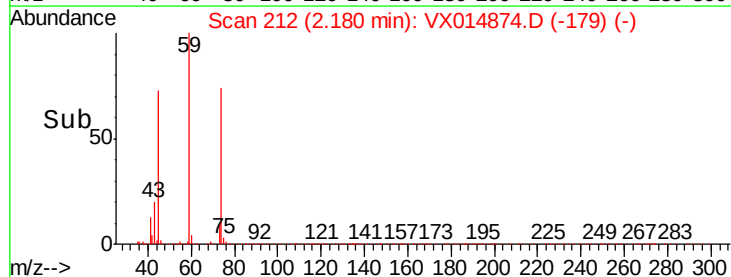
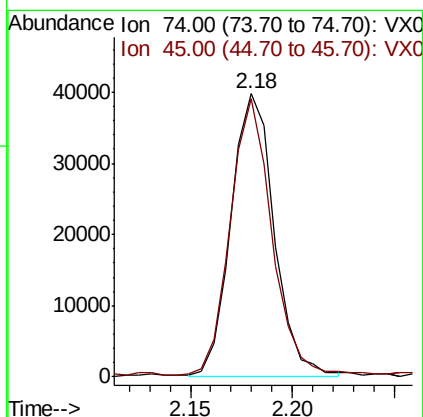
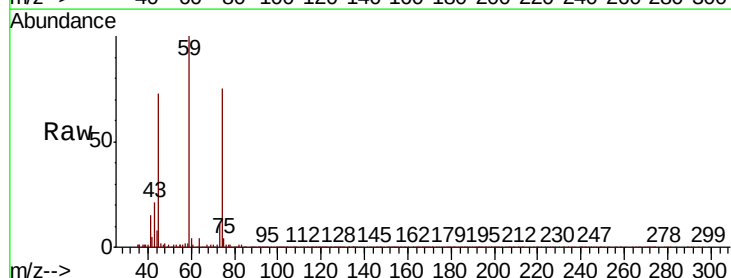
Tot Ion:101 Resp: 136665
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

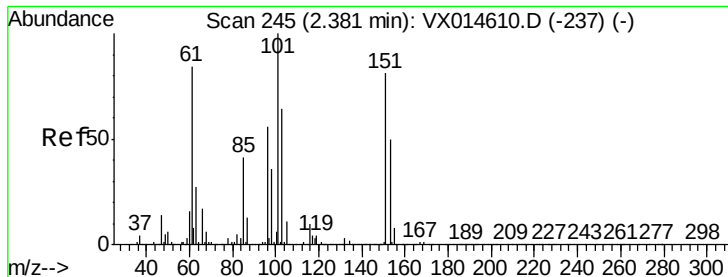


#8

Diethyl Ether
Concen: 20.455 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 74 Resp: 57985
Ion Ratio Lower Upper
74 100
45 94.7 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.540 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014874.D

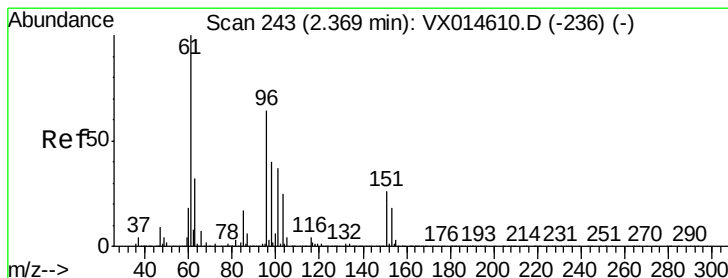
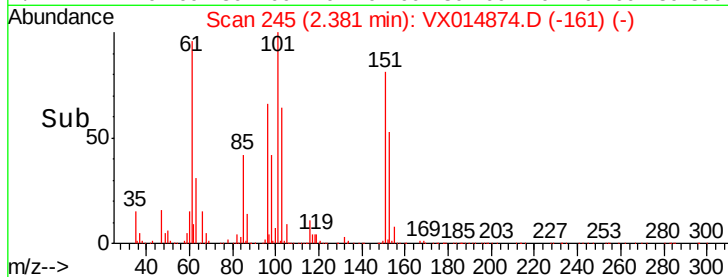
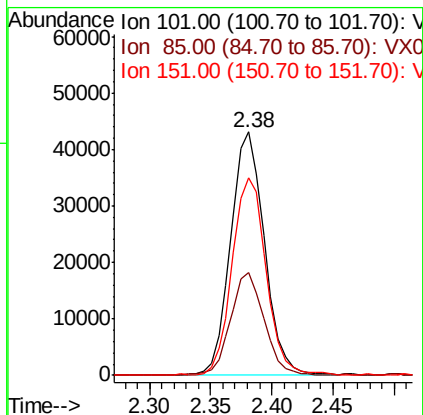
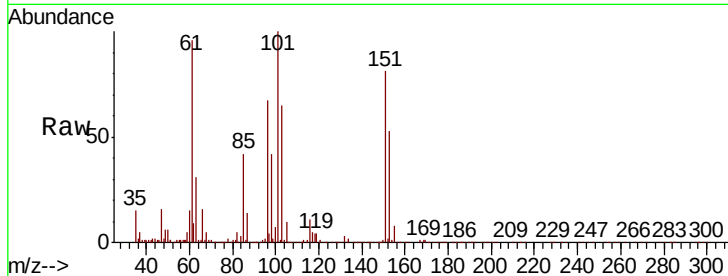
Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	81787
Ion	Ratio	Lower	Upper
101	100		
85	41.6	0.0	85.6
151	81.5	0.0	159.4



#10

1,1-Dichloroethene

Concen: 20.442 ug/l

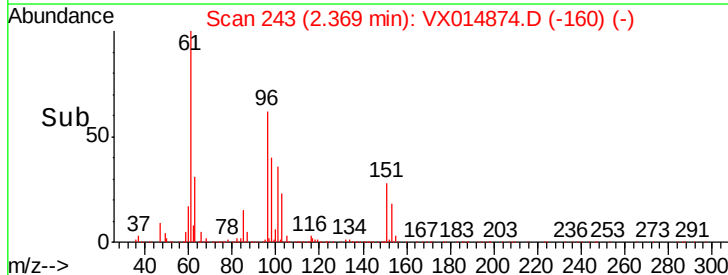
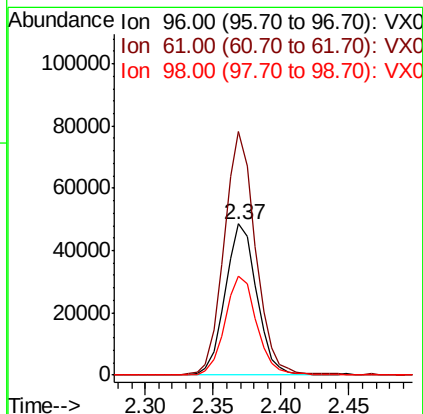
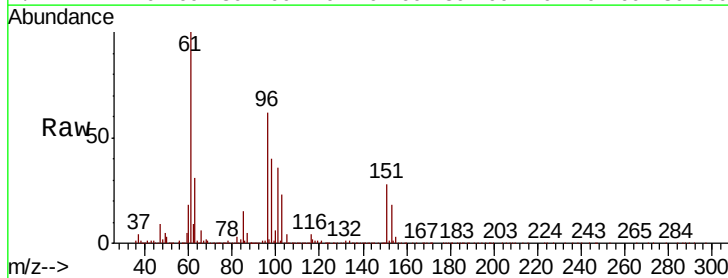
RT: 2.37 min Scan# 243

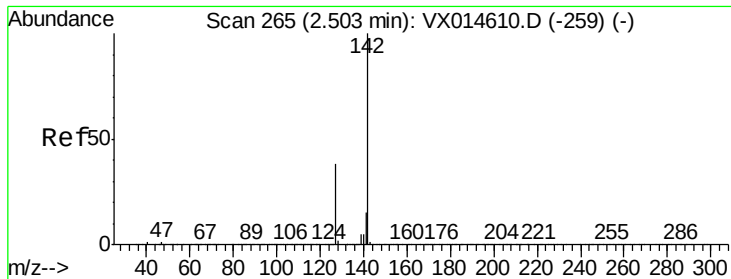
Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	96	Resp:	78073
Ion	Ratio	Lower	Upper
96	100		
61	160.3	123.0	184.6
98	65.0	51.4	77.0

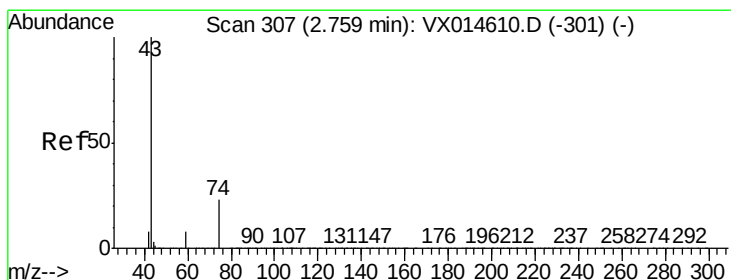
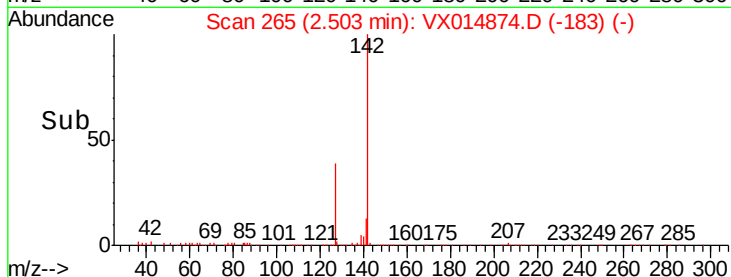
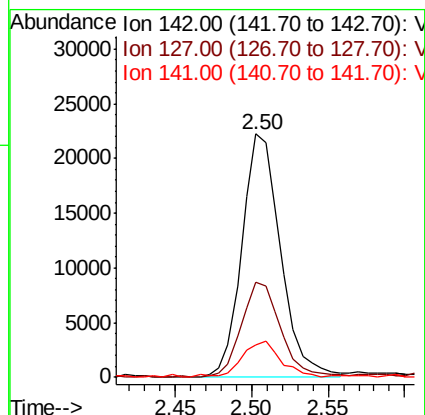
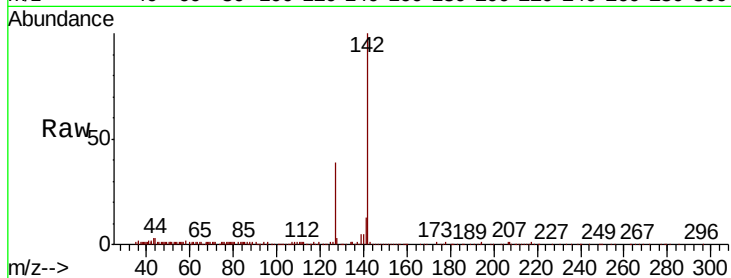




#11
Methvl Iodide
Concen: 7.651 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

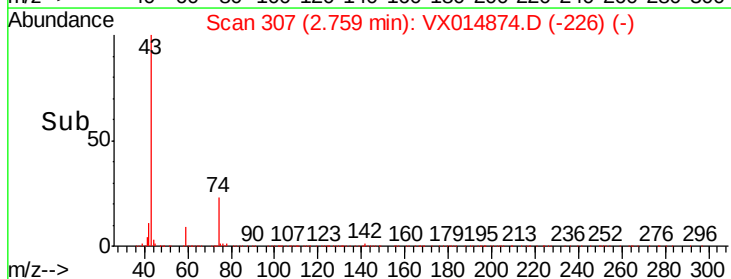
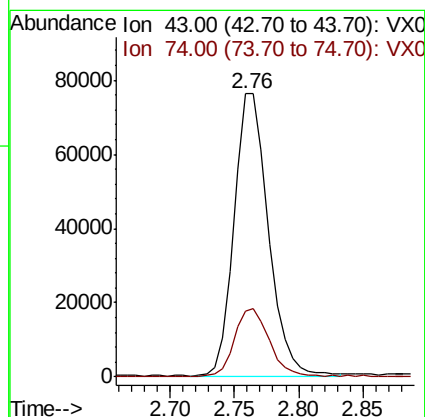
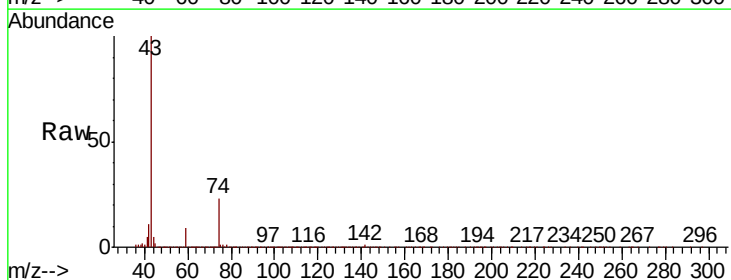
Instrument :
MSVOA_X
ClientSampleId :

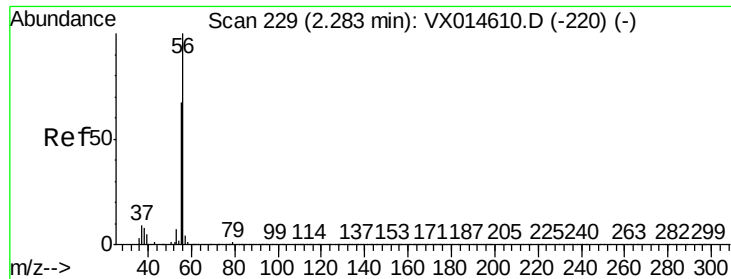
Tot Ion:142 Resp: 39187
Ion Ratio Lower Upper
142 100
127 38.9 19.5 58.5
141 12.9 7.0 20.9



#12
Methyl Acetate
Concen: 20.467 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 43 Resp: 141208
Ion Ratio Lower Upper
43 100
74 22.9 18.5 27.7

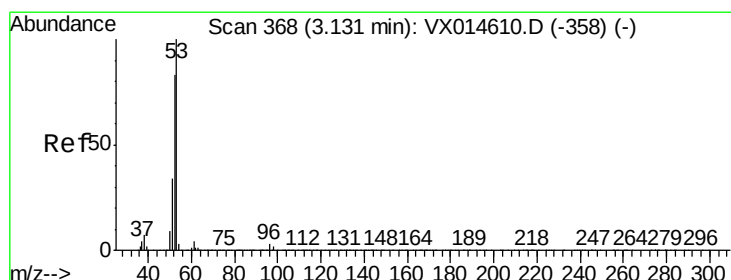
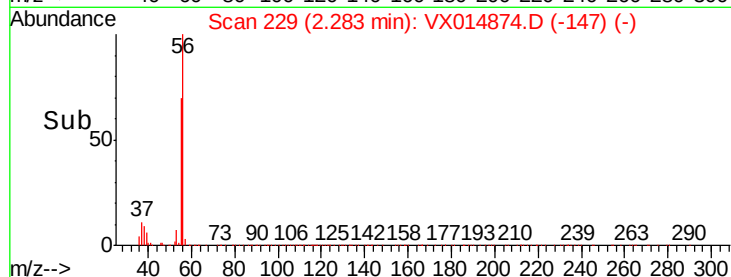
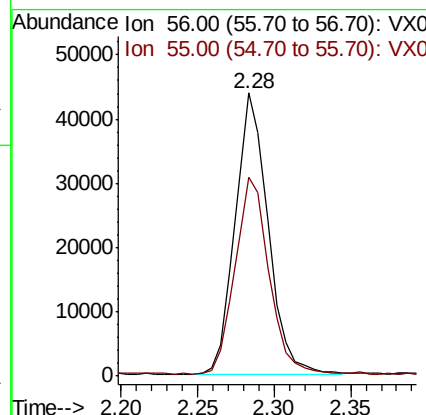
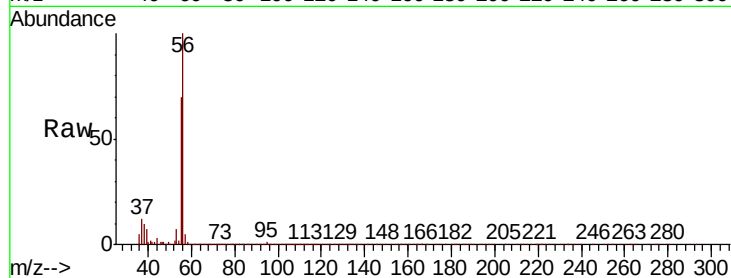




#13
Acrolein
Concen: 90.410 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

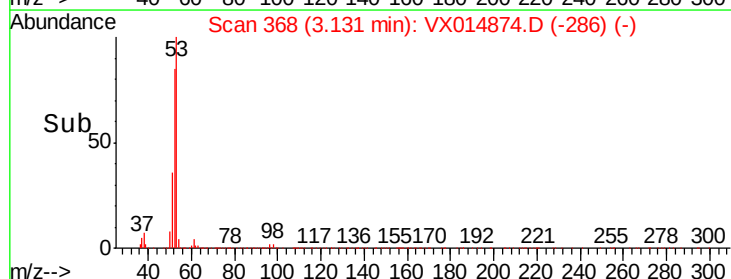
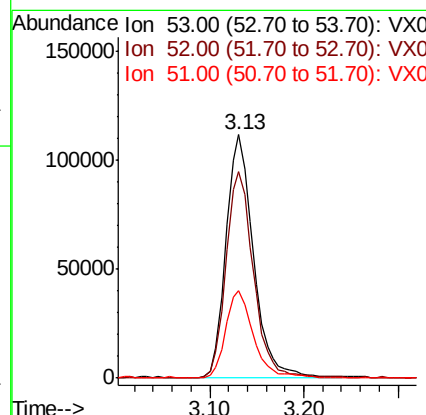
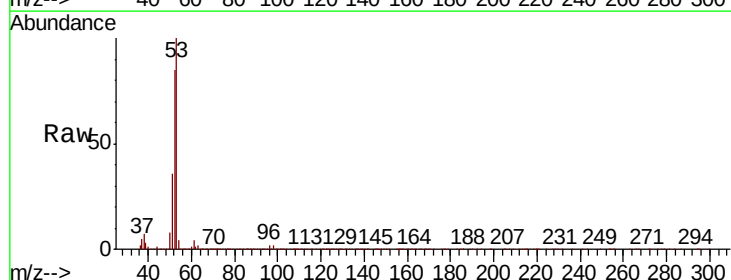
Instrument :
MSVOA_X
ClientSampleId :

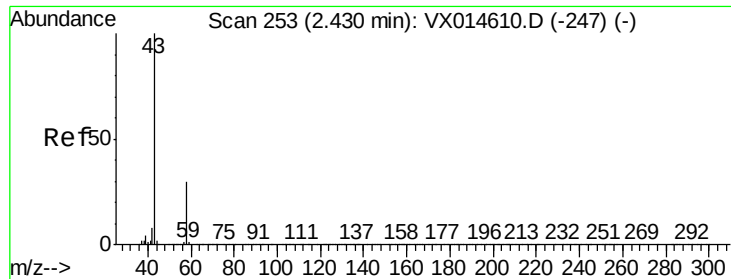
Tot Ion: 56 Resp: 65519
Ion Ratio Lower Upper
56 100
55 71.8 54.9 82.3



#14
Acrylonitrile
Concen: 95.673 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 53 Resp: 225860
Ion Ratio Lower Upper
53 100
52 84.7 41.5 124.6
51 34.6 17.8 53.5





#15

Acetone

Concen: 78.406 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

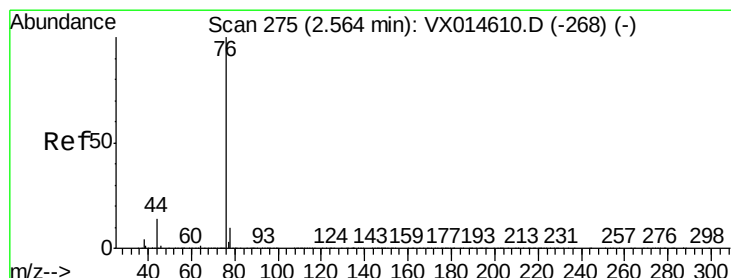
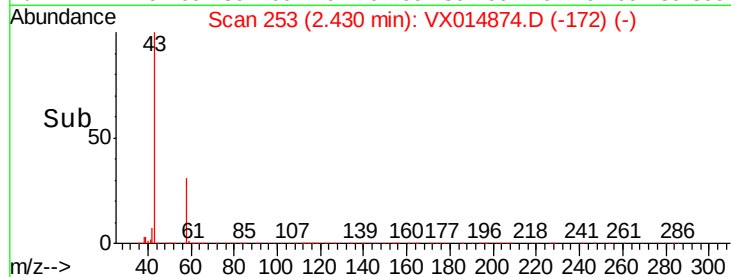
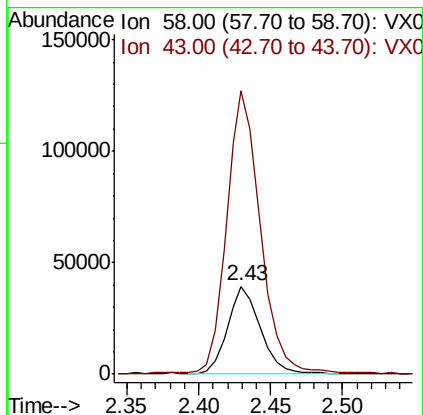
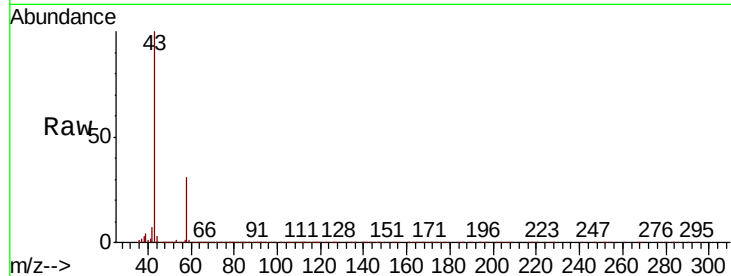
ClientSampleId :

Tot Ion: 58 Resp: 62053

Ion Ratio Lower Upper

58 100

43 322.8 236.3 354.5



#16

Carbon Disulfide

Concen: 18.992 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014874.D

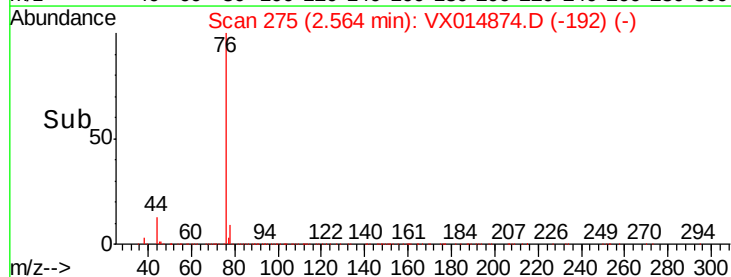
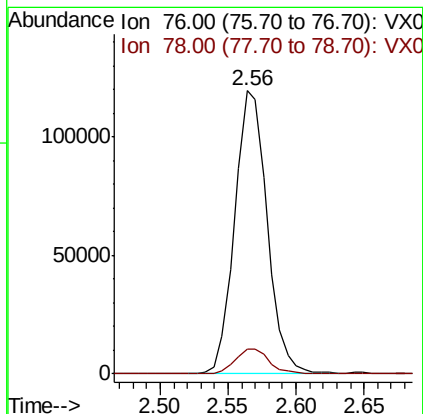
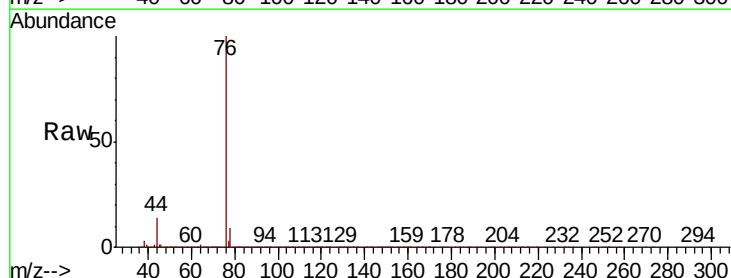
Acq: 07 Feb 2020 16:25

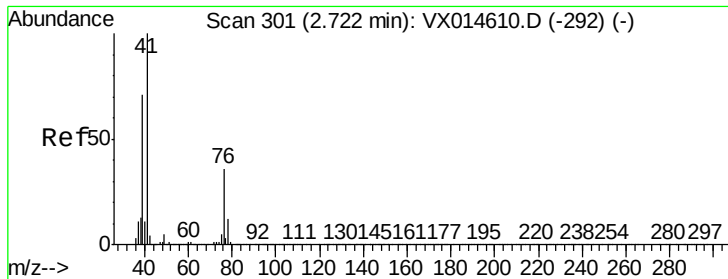
Tgt Ion: 76 Resp: 199212

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8

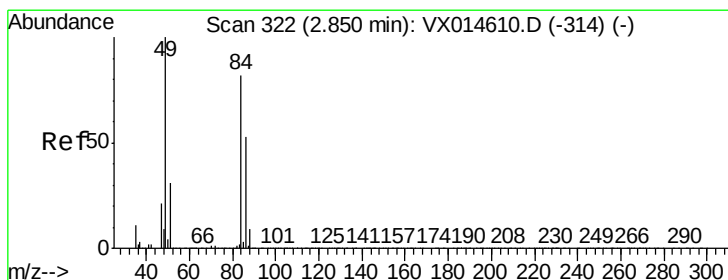
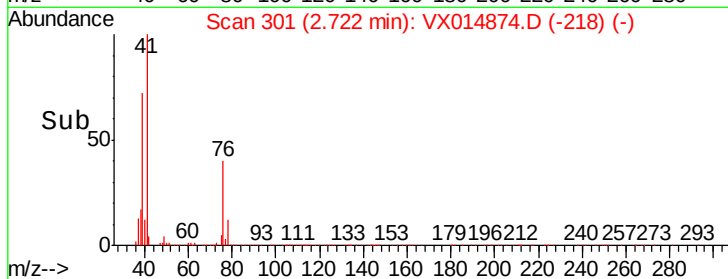
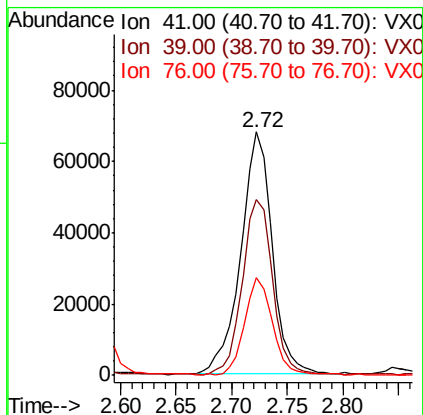
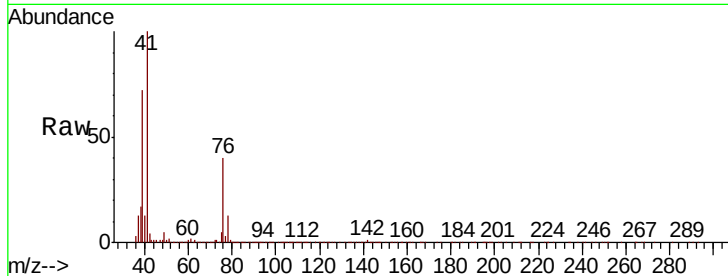




#17
Allvl chloride
Concen: 18.945 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

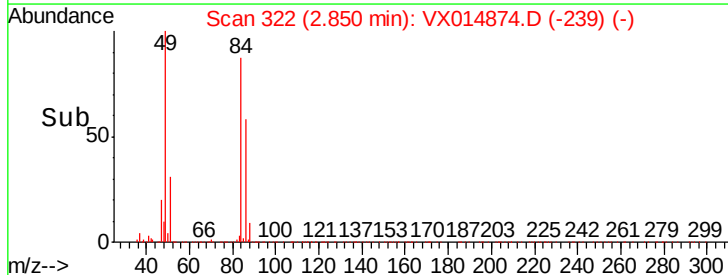
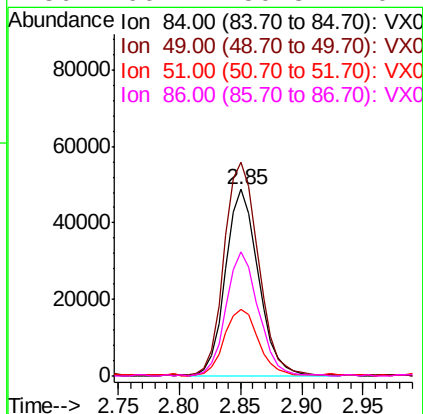
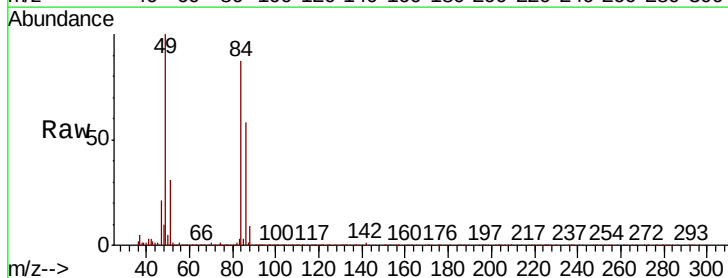
Instrument :
MSVOA_X
ClientSampleId :

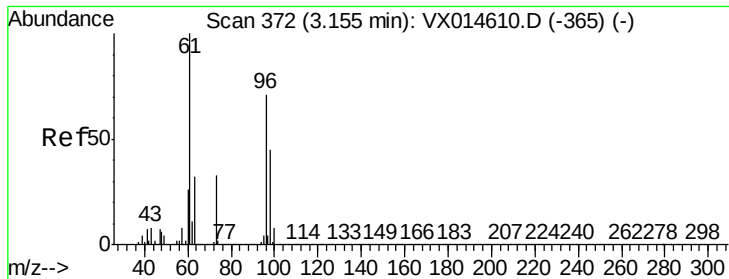
Tot Ion: 41 Resp: 133904
Ion Ratio Lower Upper
41 100
39 72.2 33.4 100.2
76 39.6 17.0 50.9



#18
Methylene Chloride
Concen: 20.240 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 84 Resp: 90470
Ion Ratio Lower Upper
84 100
49 114.4 102.2 153.2
51 35.7 31.4 47.0
86 66.7 50.8 76.2

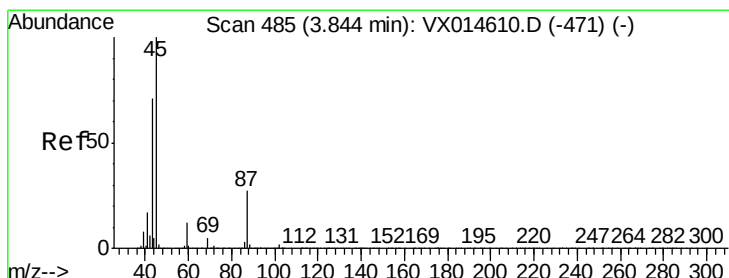
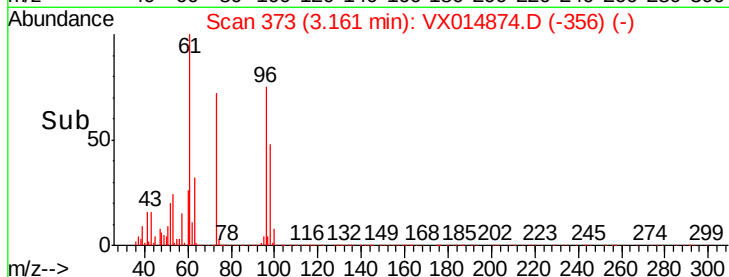
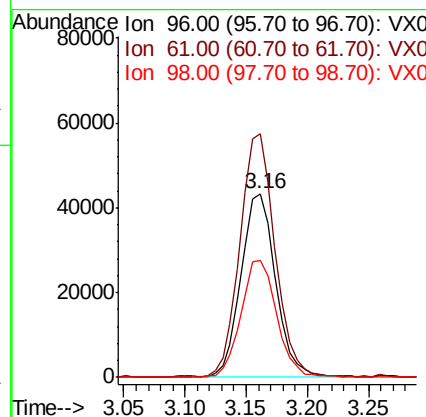
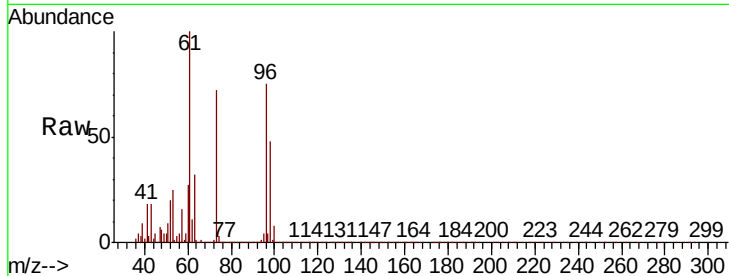




#19
trans-1,2-Dichloroethene
Concen: 20.633 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

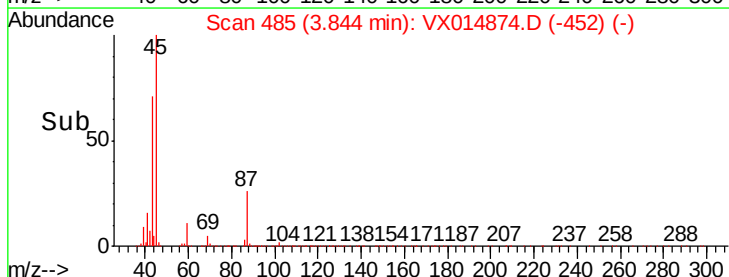
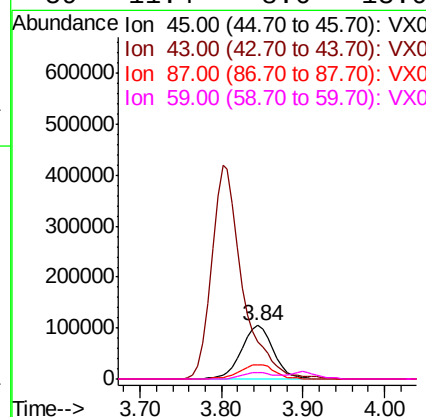
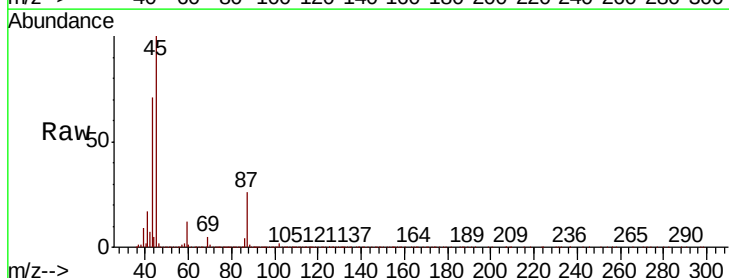
Instrument :
MSVOA_X
ClientSampleId :

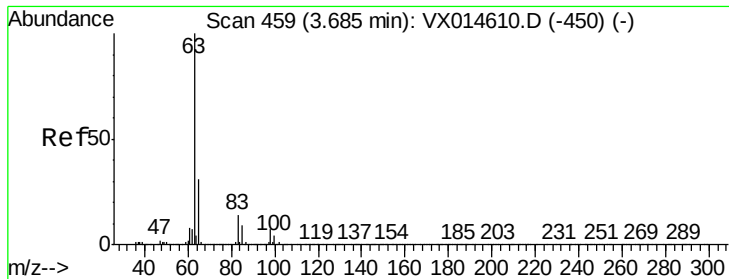
Tot Ion: 96 Resp: 84829
Ion Ratio Lower Upper
96 100
61 132.2 106.6 159.8
98 63.3 51.6 77.4



#20
Diisopropyl ether
Concen: 20.416 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 45 Resp: 285511
Ion Ratio Lower Upper
45 100
43 70.0 55.9 83.9
87 26.2 22.2 33.2
59 11.4 8.6 13.0

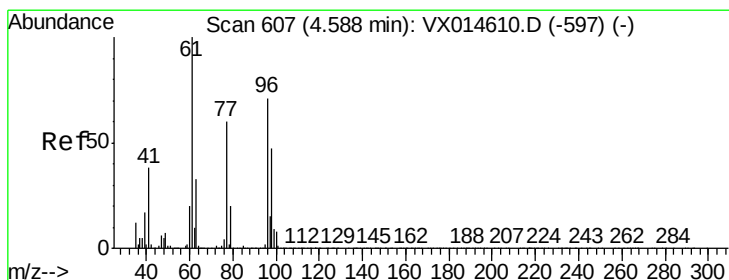
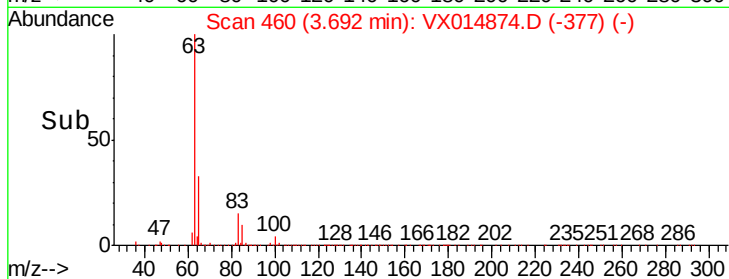
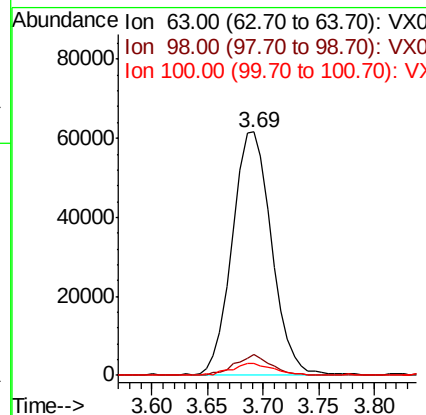
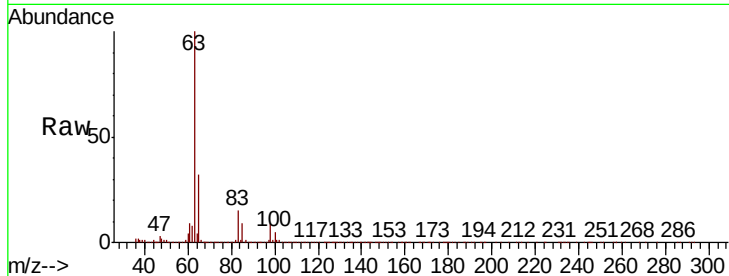




#21
 1,1-Dichloroethane
 Concen: 19.762 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

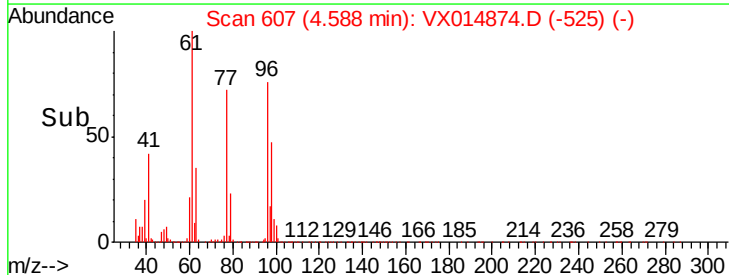
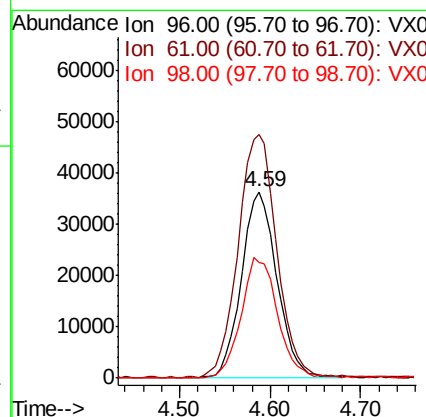
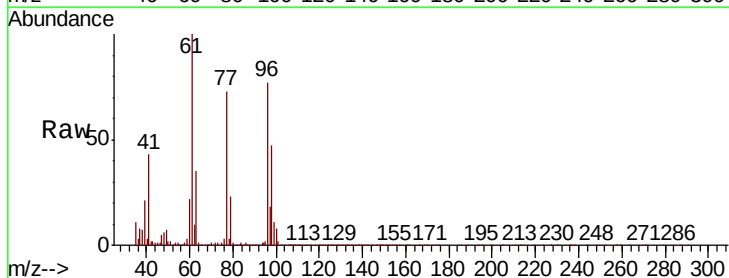
Instrument :
 MSVOA_X
 ClientSampleId :

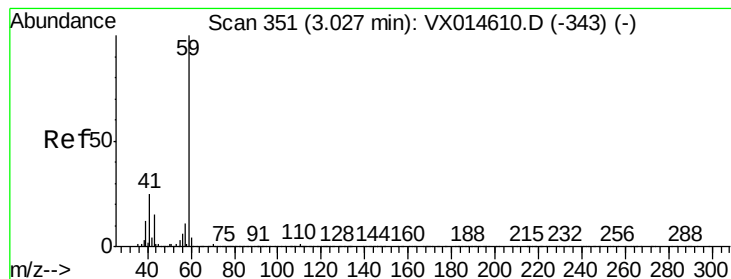
Tot Ion:	63	Resp:	150131
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.4	10.1
100	4.7	2.5	7.4



#22
 cis-1,2-Dichloroethene
 Concen: 20.901 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion:	96	Resp:	98748
Ion	Ratio	Lower	Upper
96	100		
61	140.2	112.4	168.6
98	64.6	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 91.363 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

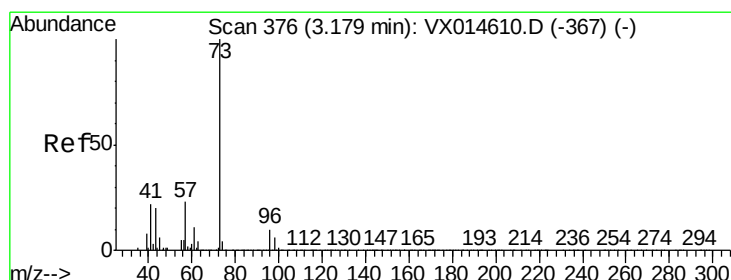
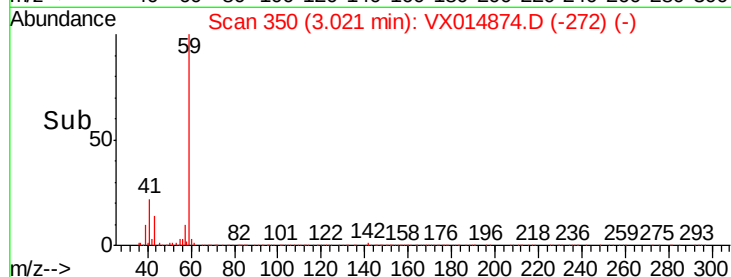
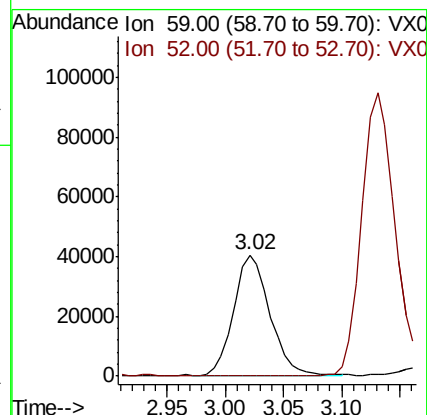
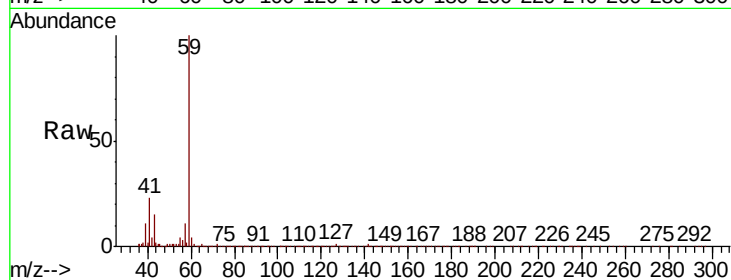
ClientSampled :

Tot Ion: 59 Resp: 89199

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 21.561 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014874.D

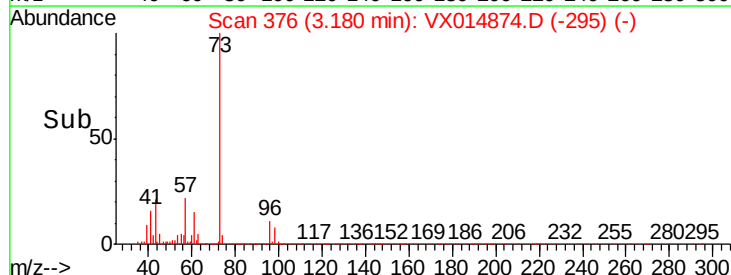
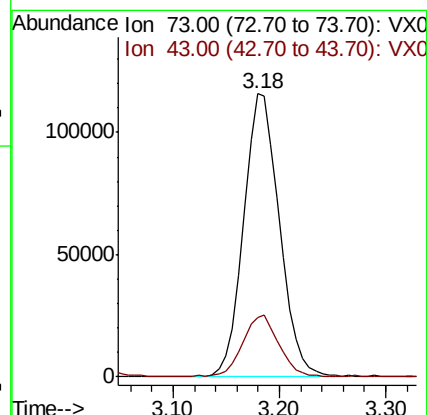
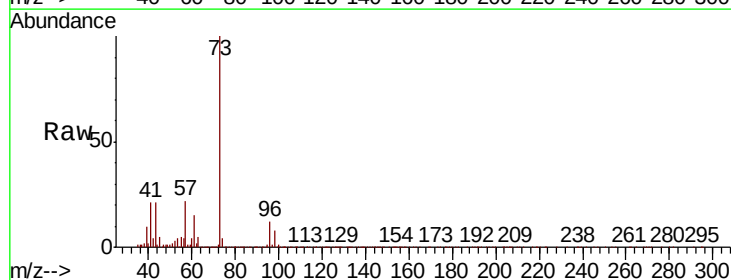
Acq: 07 Feb 2020 16:25

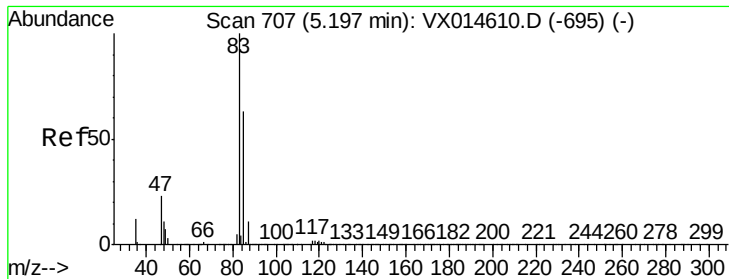
Tgt Ion: 73 Resp: 274048

Ion Ratio Lower Upper

73 100

43 21.4 16.6 25.0

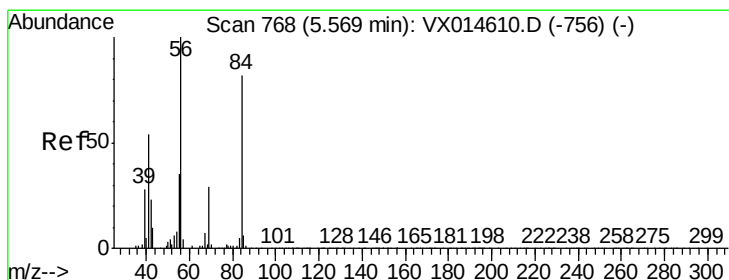
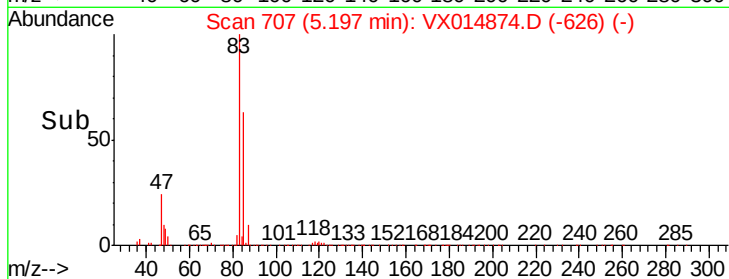
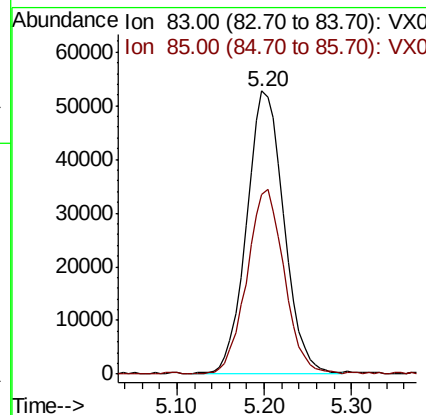
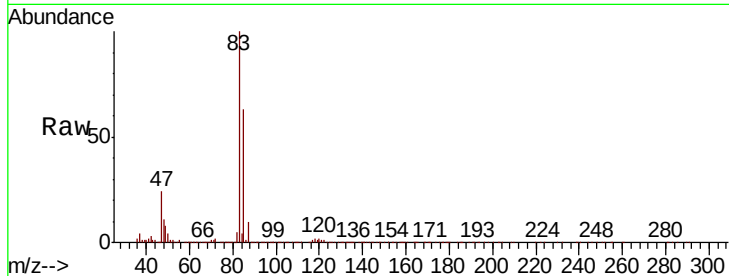




#25
Chloroform
Concen: 21.203 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

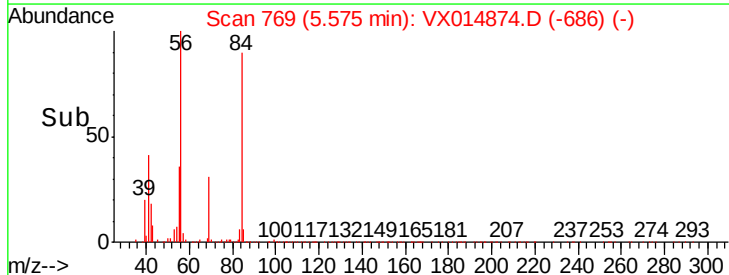
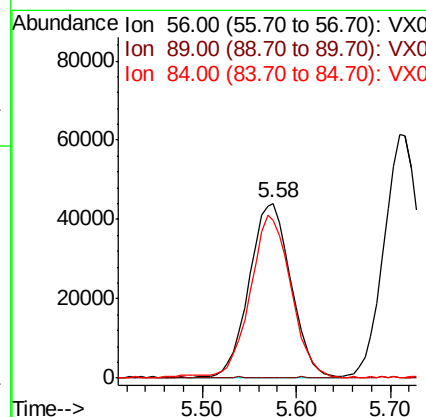
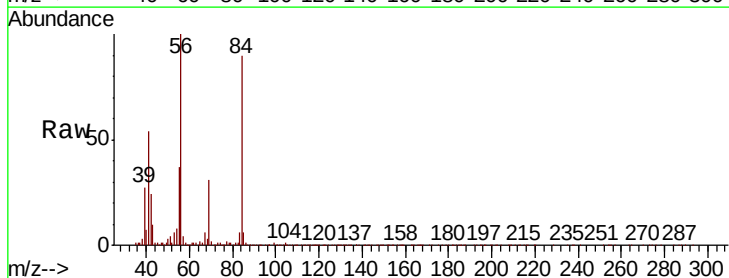
Instrument :
MSVOA_X
ClientSampleId :

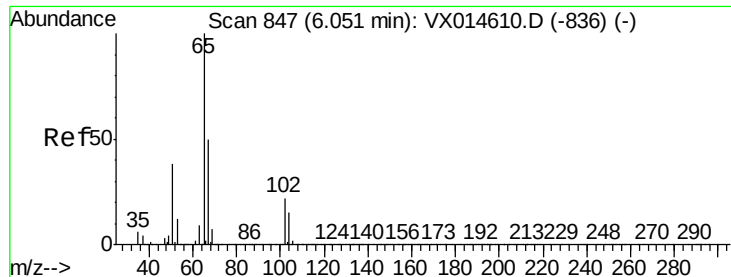
Tot Ion: 83 Resp: 156038
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1



#26
Cyclohexane
Concen: 19.492 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 56 Resp: 136591
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 89.8 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.765 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

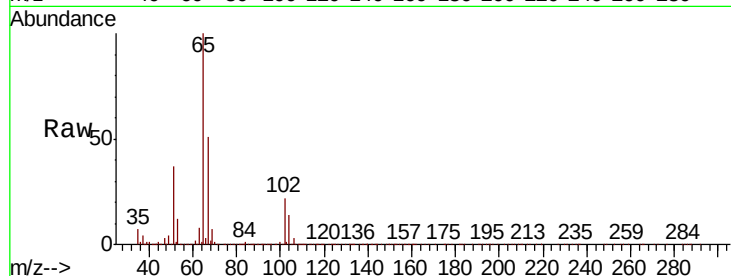
ClientSampleId :

Tot Ion: 65 Resp: 149187

Ion Ratio Lower Upper

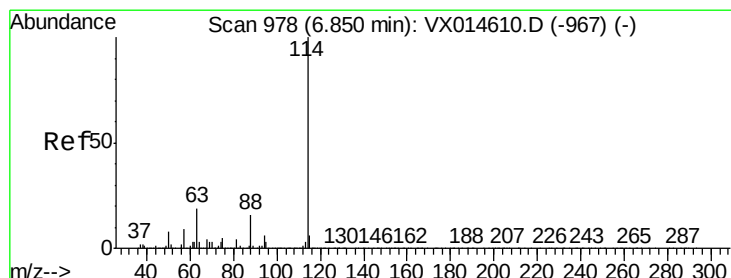
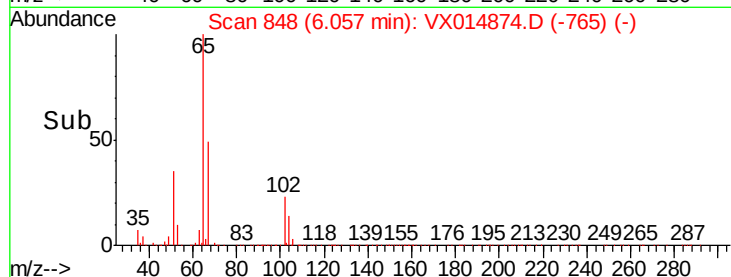
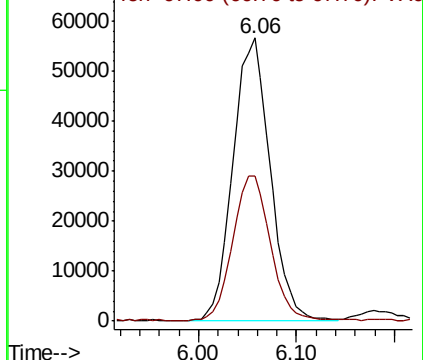
65 100

67 52.0 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

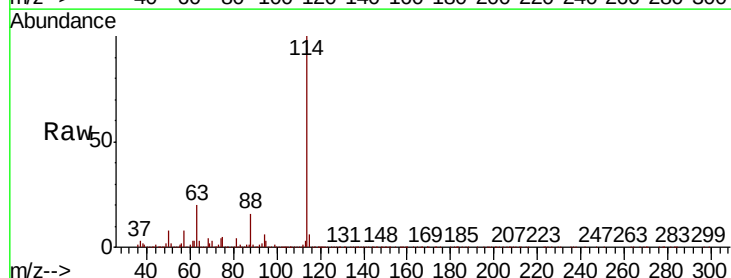
Tgt Ion: 114 Resp: 388739

Ion Ratio Lower Upper

114 100

63 19.7 16.1 24.1

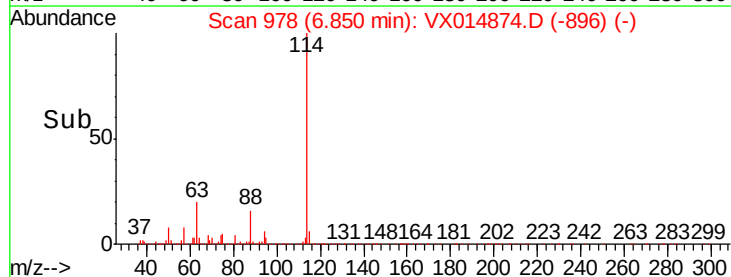
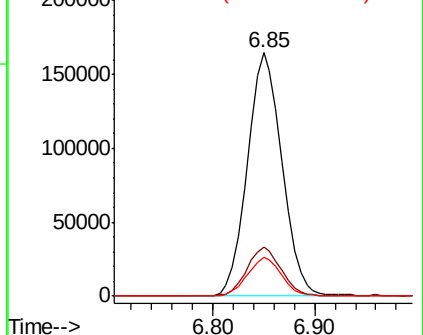
88 15.5 12.5 18.7

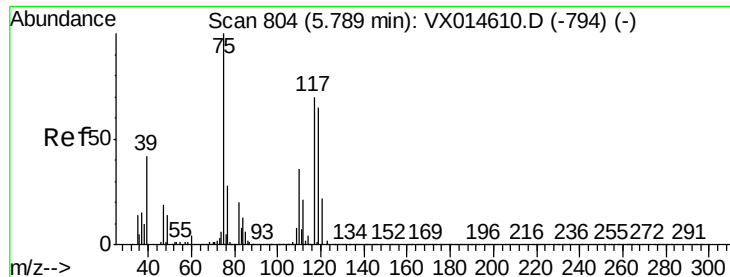


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

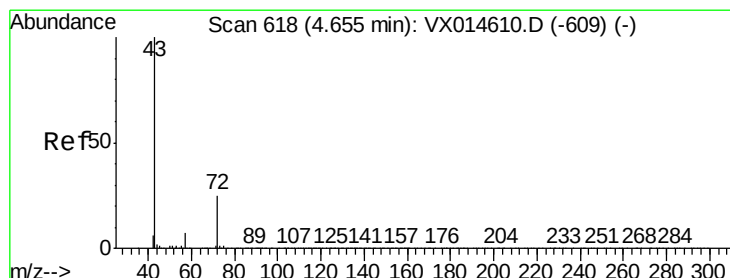
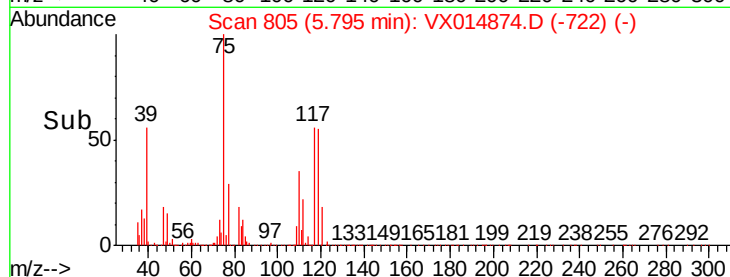
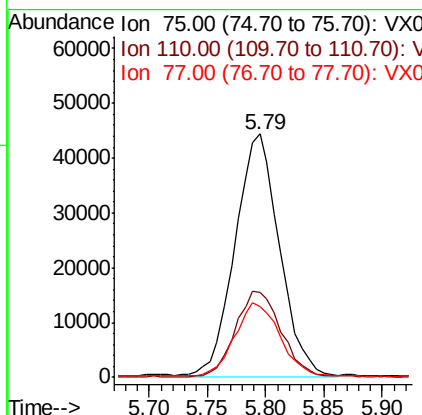
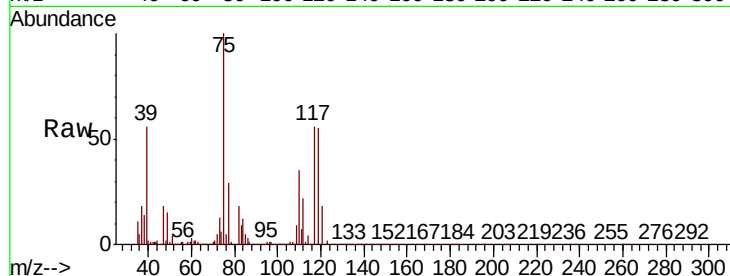




#29
 1,1-Dichloropropene
 Concen: 20.767 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

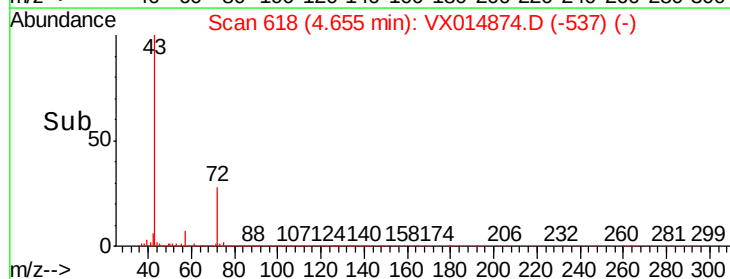
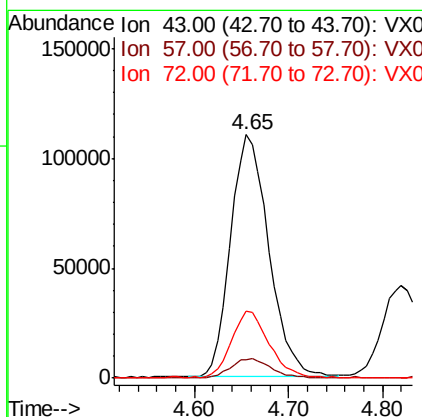
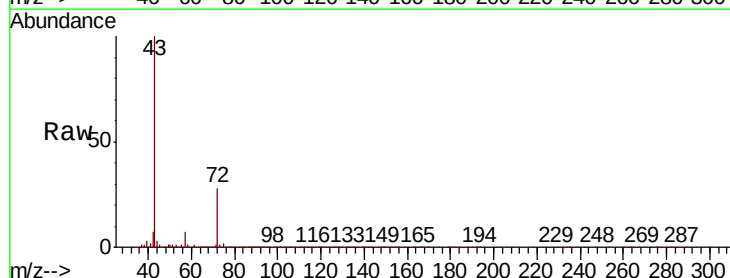
Instrument :
 MSVOA_X
 ClientSampled :

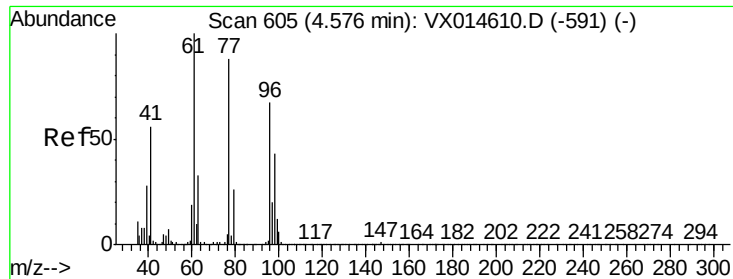
Tot Ion:	75	Resp:	118395
Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	73.8
77	29.8	0.0	62.4



#30
 2-Butanone
 Concen: 86.882 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion:	43	Resp:	313774
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	26.0	20.3	30.5

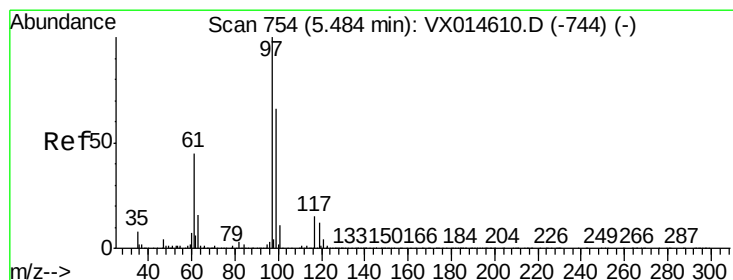
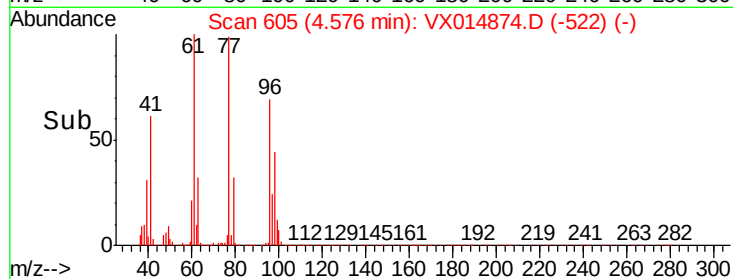
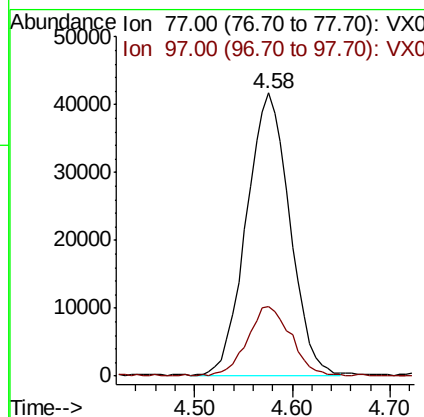
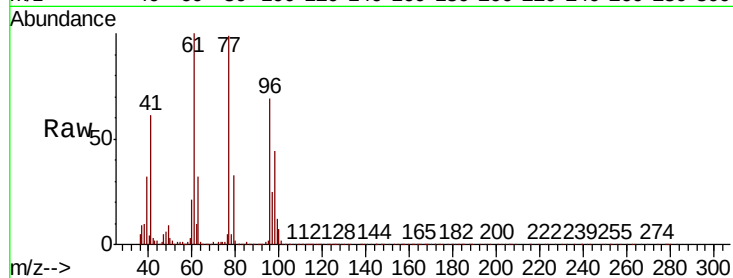




#31
 2,2-Dichloropropane
 Concen: 20.920 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

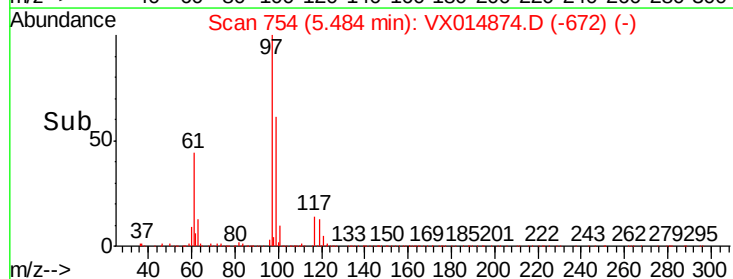
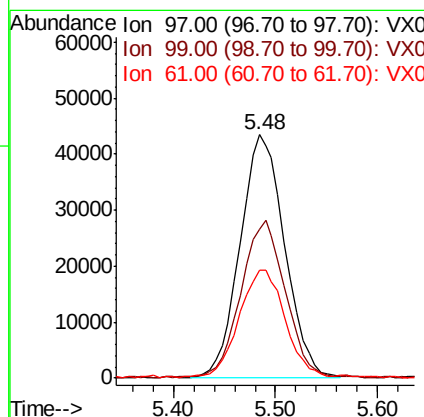
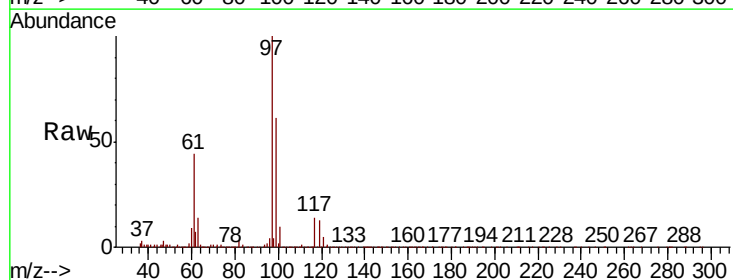
Instrument :
 MSVOA_X
 ClientSampleId :

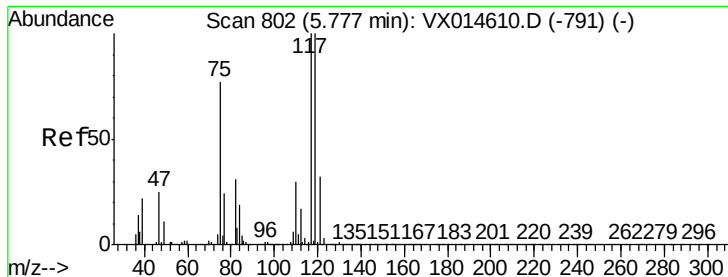
Tot Ion: 77 Resp: 127617
 Ion Ratio Lower Upper
 77 100
 97 24.2 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 20.825 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion: 97 Resp: 131350
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.9 77.9
 61 45.6 36.8 55.2

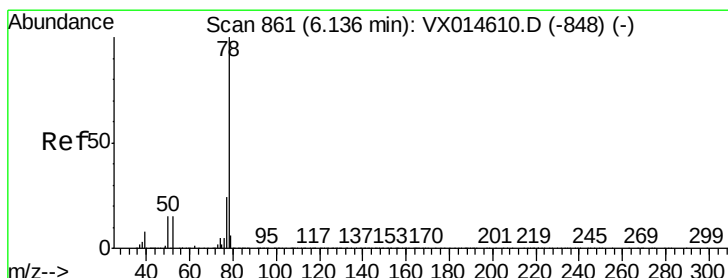
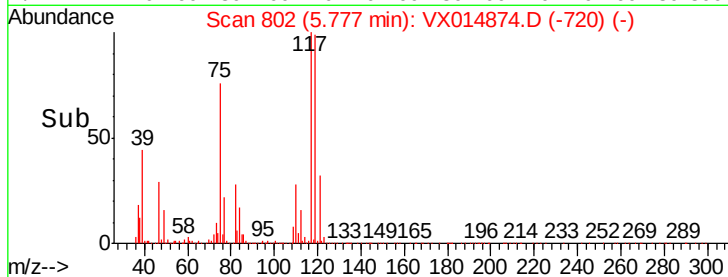
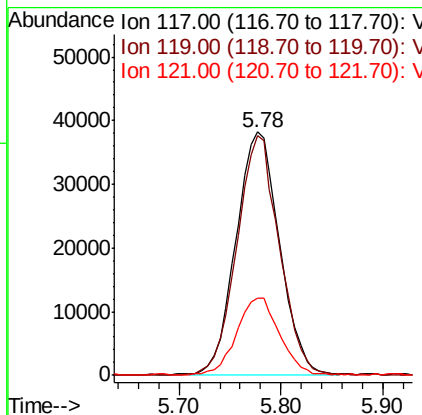
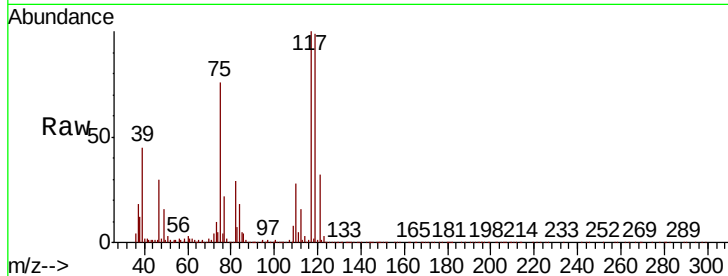




#33
Carbon Tetrachloride
Concen: 20.856 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

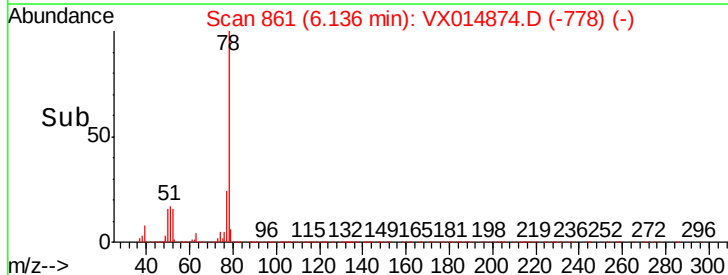
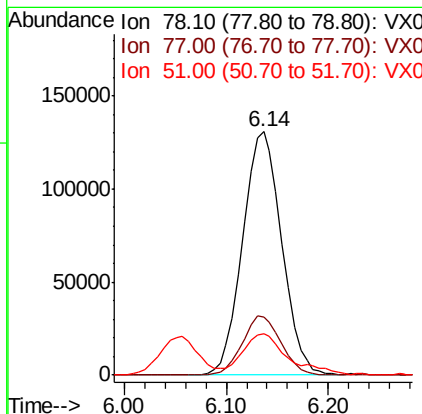
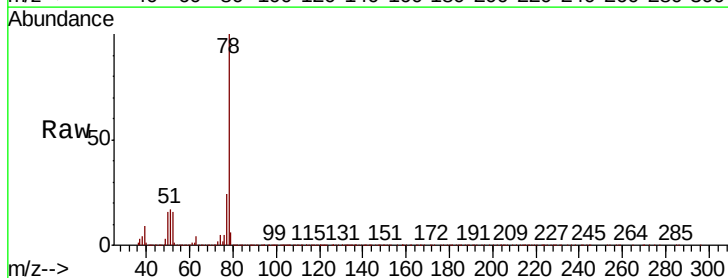
Instrument :
MSVOA_X
ClientSampled :

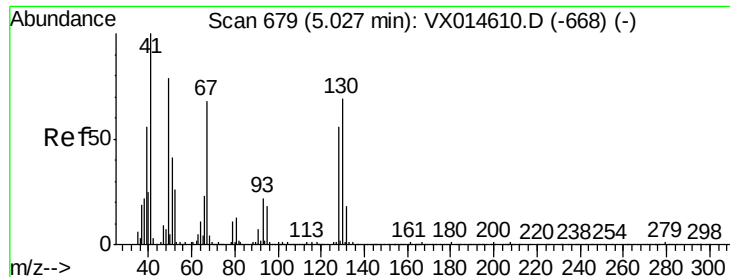
Tot Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.2	115.8
121	31.7	24.8	37.2



#34
Benzene
Concen: 19.759 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2
51	15.8	12.4	18.6

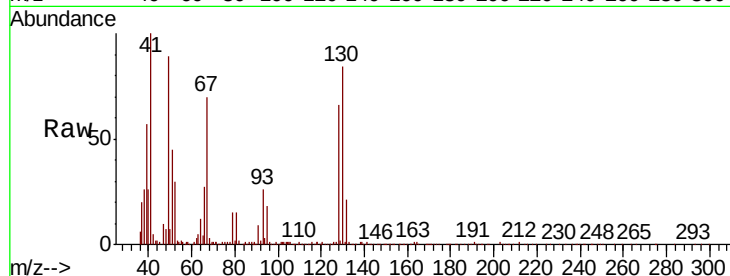




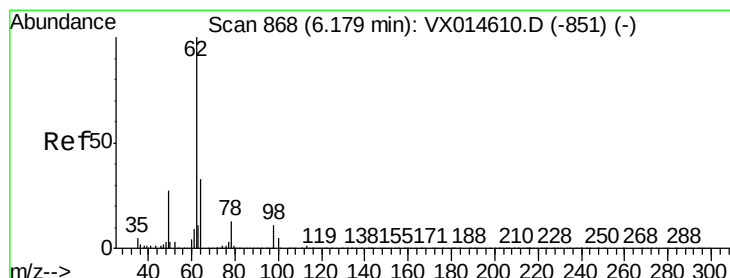
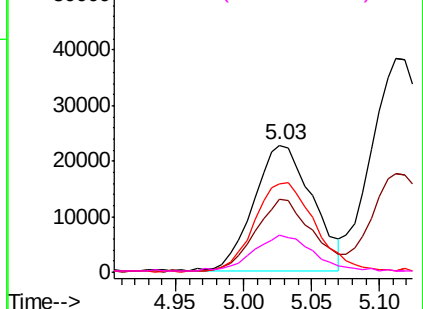
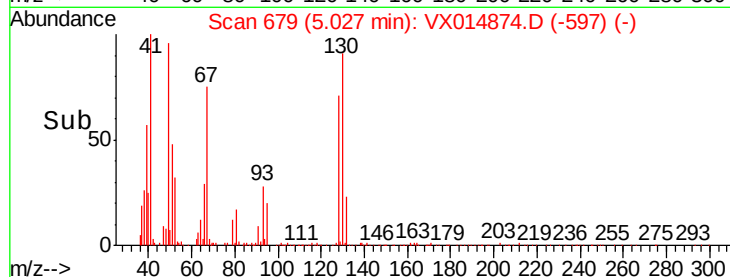
#35
Methacrylonitrile
Concen: 19.017 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	68593
Ion	Ratio	Lower	Upper
41	100		
39	56.5	26.7	80.1
67	69.0	31.5	94.5
52	28.8	12.8	38.4

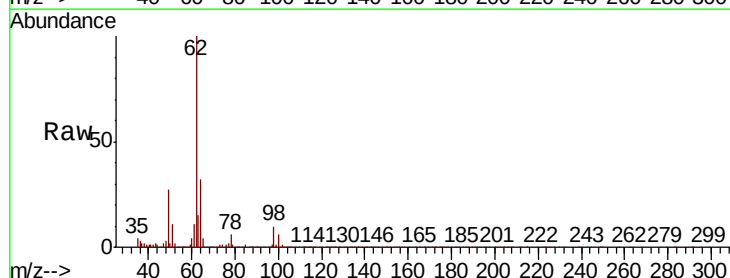


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

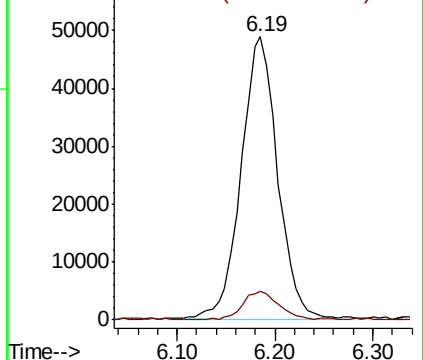
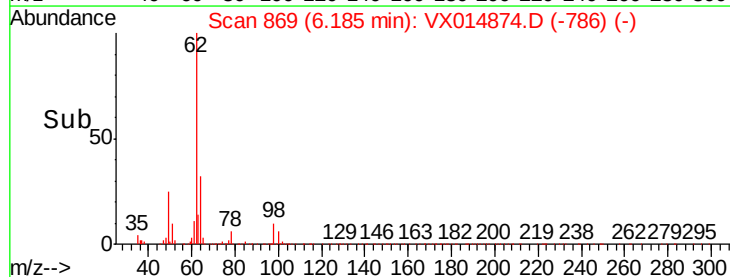


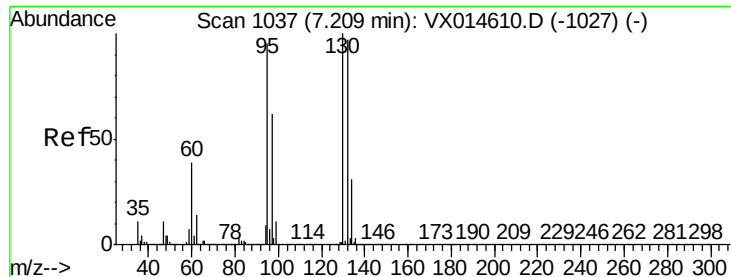
#36
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion:	62	Resp:	126080
Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

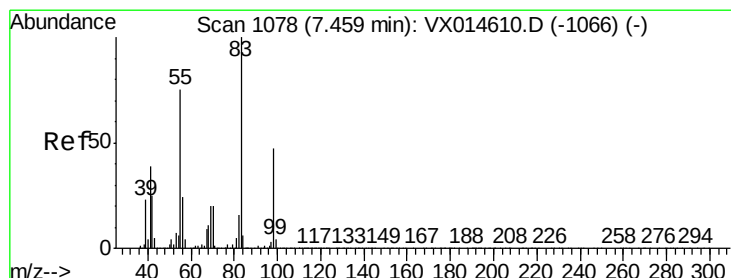
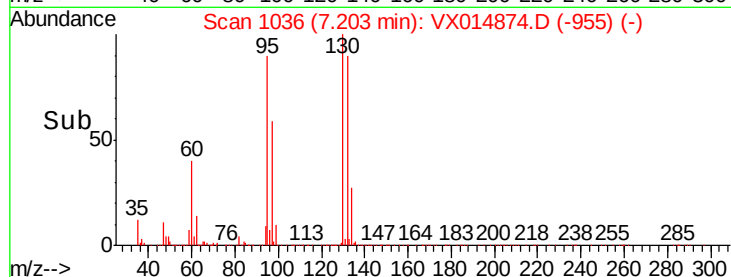
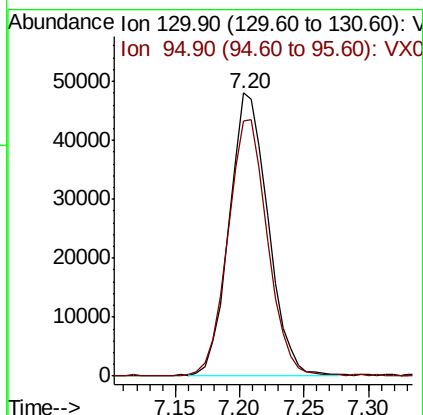
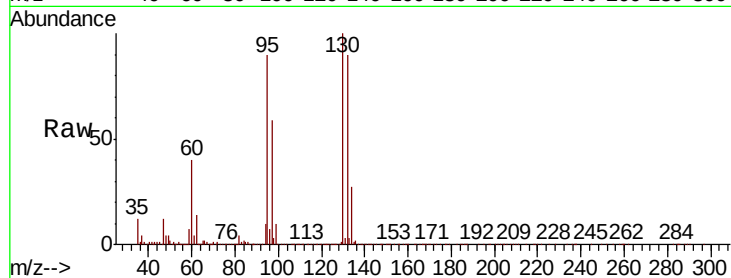




#37
 Trichloroethene
 Concen: 20.934 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

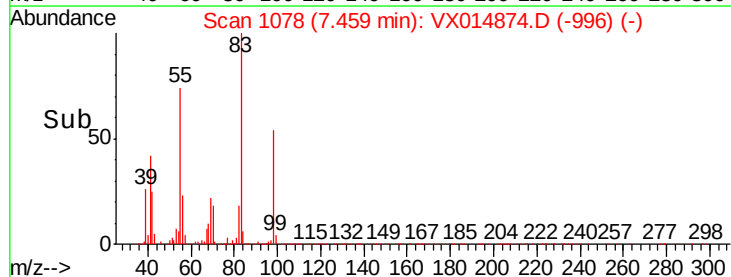
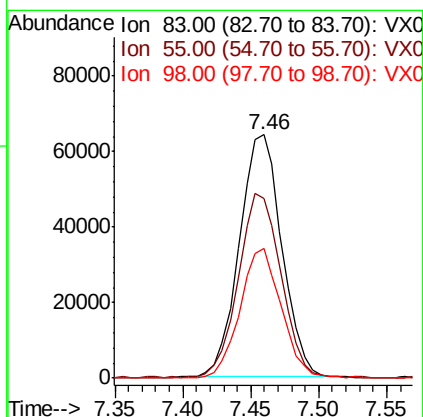
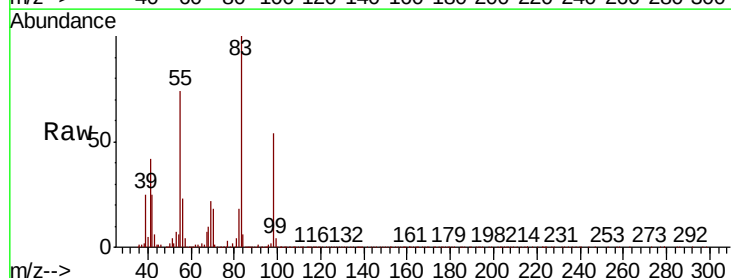
Instrument :
 MSVOA_X
 ClientSampled :

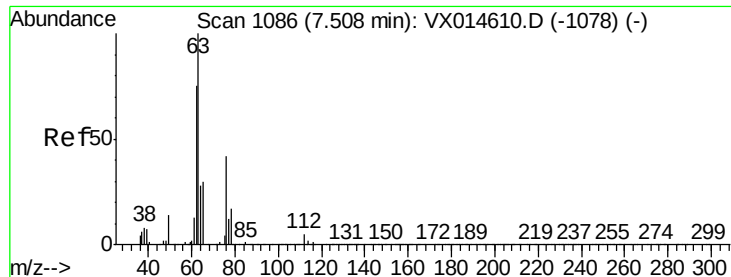
Tot Ion:130 Resp: 100977
 Ion Ratio Lower Upper
 130 100
 95 90.0 71.7 107.5



#38
 Methylcyclohexane
 Concen: 19.769 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion: 83 Resp: 140331
 Ion Ratio Lower Upper
 83 100
 55 75.9 39.4 118.1
 98 52.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.174 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

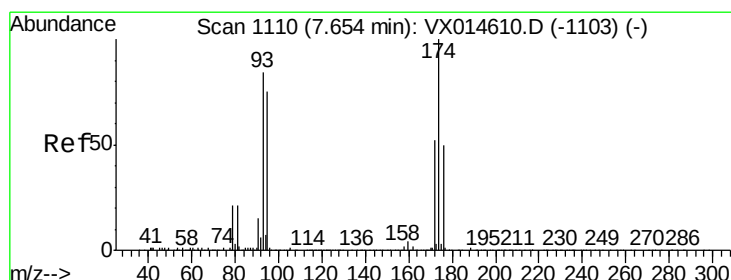
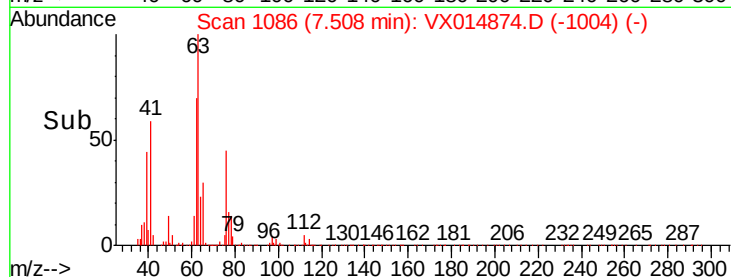
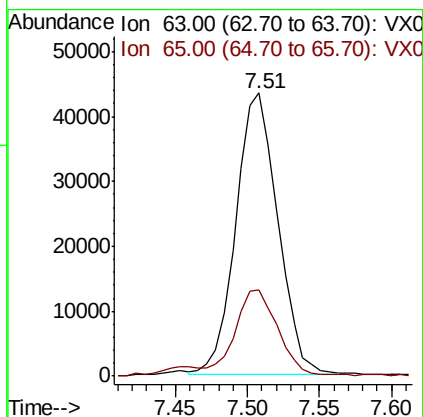
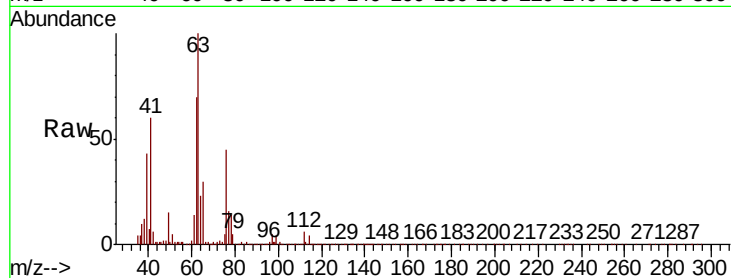
ClientSampleId :

Tot Ion: 63 Resp: 87838

Ion Ratio Lower Upper

63 100

65 30.0 22.1 33.1



#40

Dibromomethane

Concen: 20.247 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

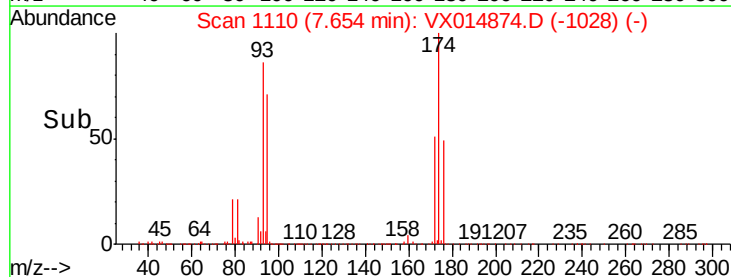
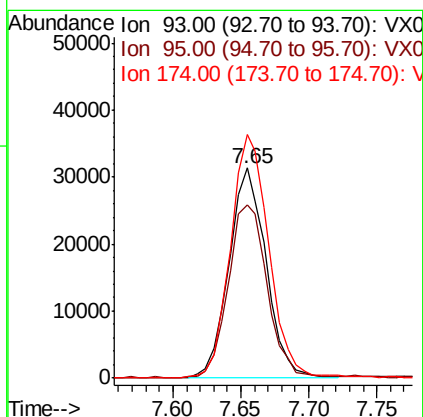
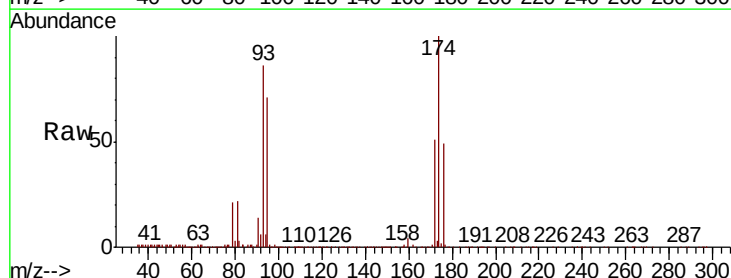
Tgt Ion: 93 Resp: 59610

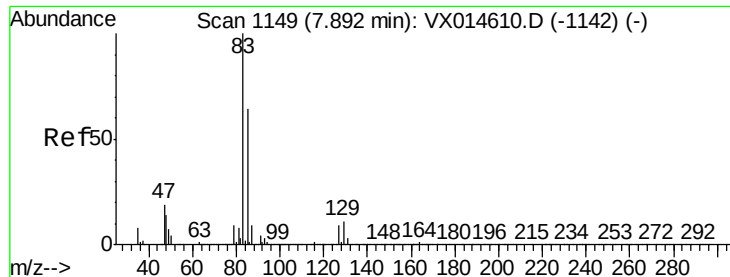
Ion Ratio Lower Upper

93 100

95 85.5 0.0 164.4

174 119.1 0.0 228.8





#41

Bromodichloromethane

Concen: 20.600 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

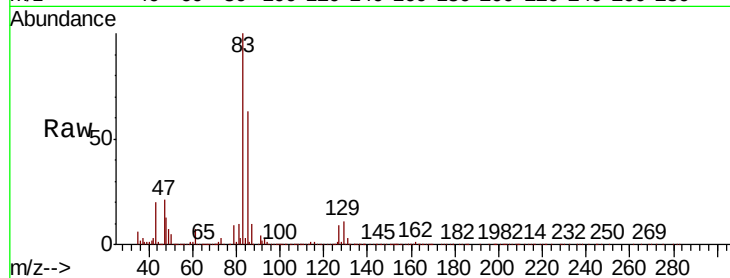
Tot Ion: 83 Resp: 118767

Ion Ratio Lower Upper

83 100

85 62.6 51.6 77.4

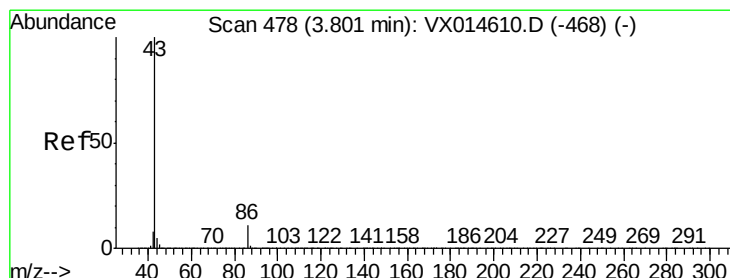
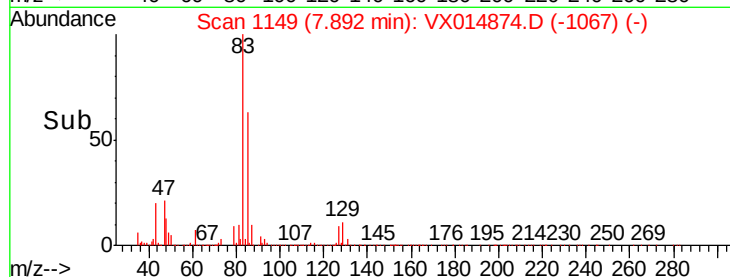
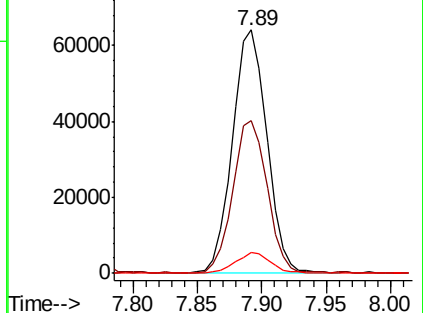
127 8.5 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.239 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014874.D

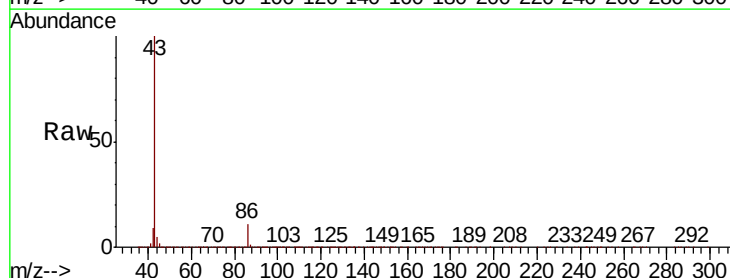
Acq: 07 Feb 2020 16:25

Tgt Ion: 43 Resp: 1104663

Ion Ratio Lower Upper

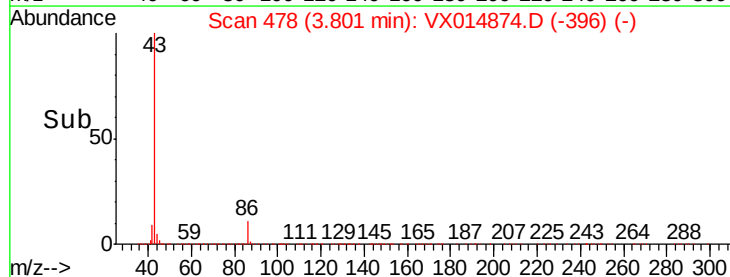
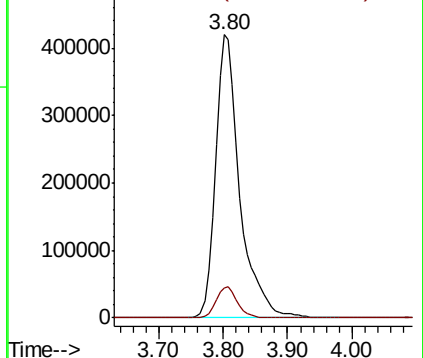
43 100

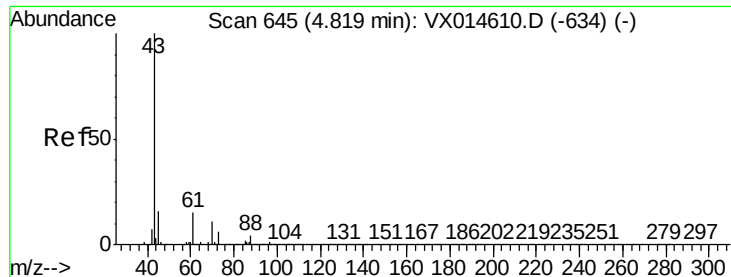
86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

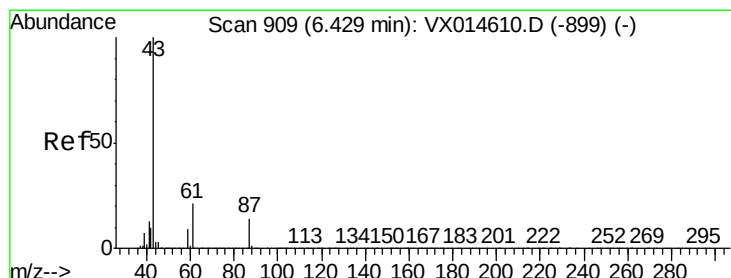
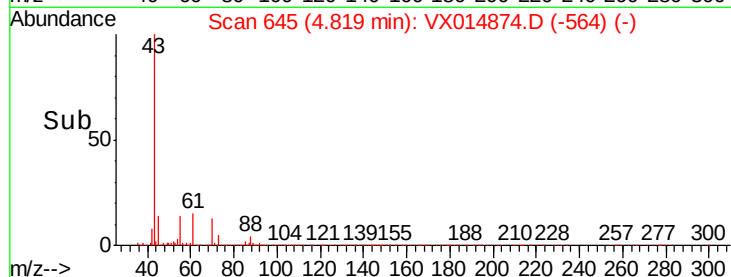
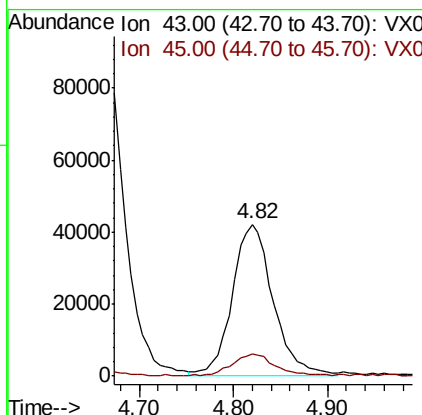
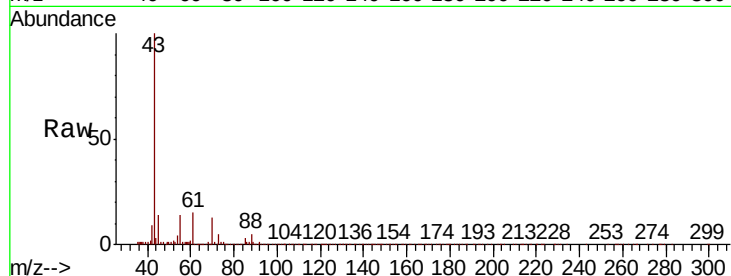




#43
Ethyl Acetate
Concen: 19.285 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

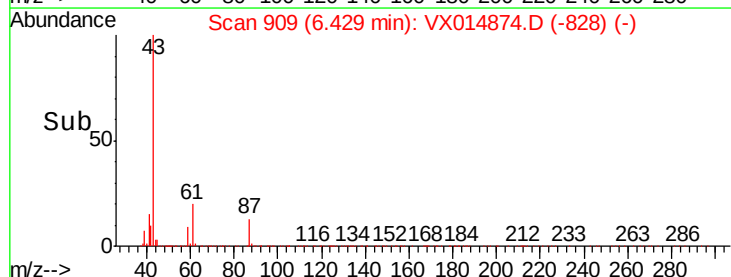
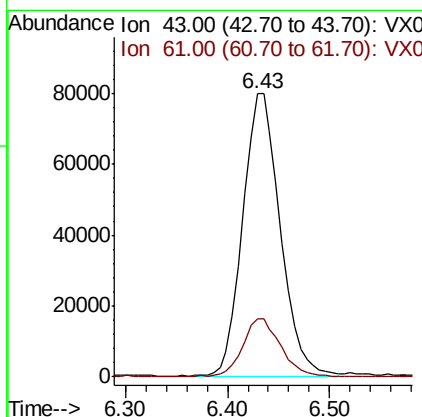
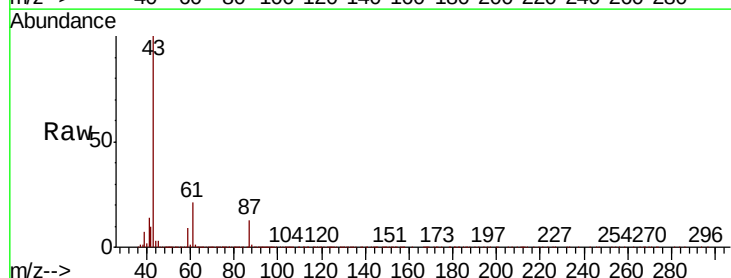
Instrument :
MSVOA_X
ClientSampleId :

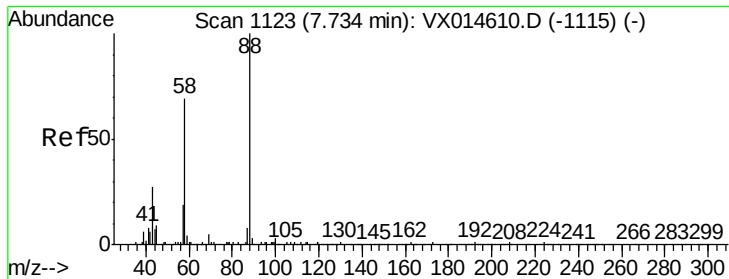
Tot Ion: 43 Resp: 126080
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.287 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 43 Resp: 203412
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9





#45

1,4-Dioxane

Concen: 316.073 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

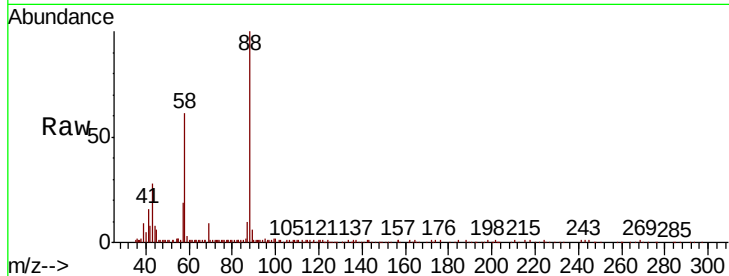
Tot Ion: 88 Resp: 33345

Ion Ratio Lower Upper

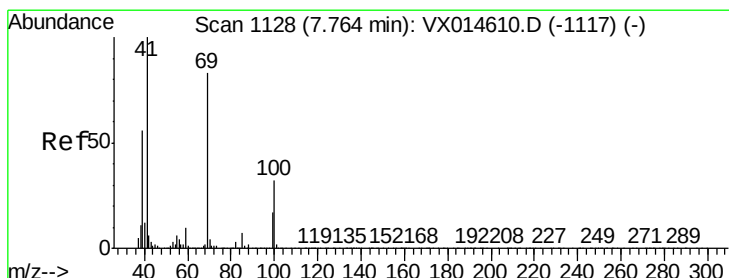
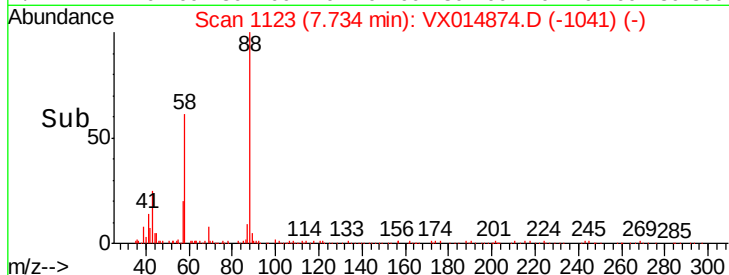
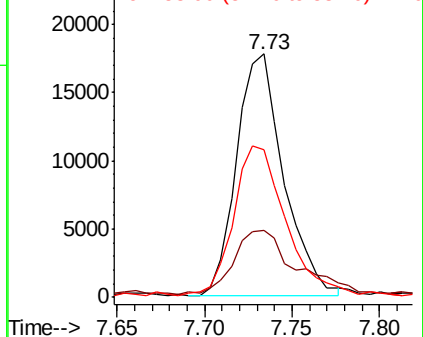
88 100

43 33.5 25.4 38.2

58 67.4 56.5 84.7



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



#46

Methyl methacrylate

Concen: 19.418 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

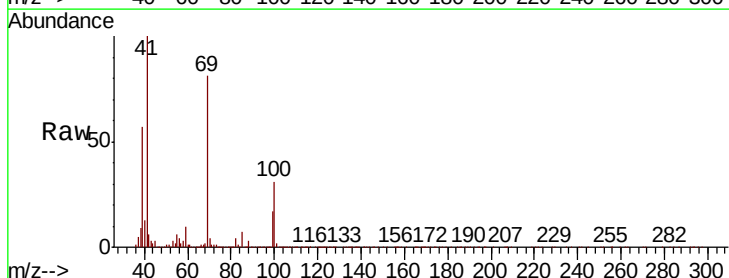
Tgt Ion: 41 Resp: 100711

Ion Ratio Lower Upper

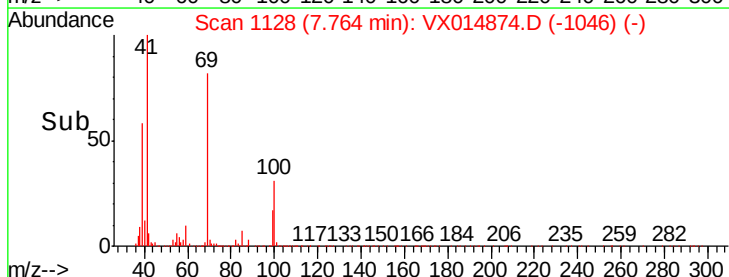
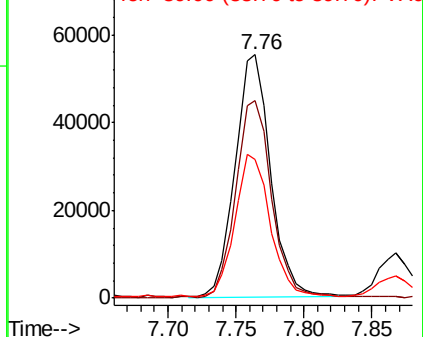
41 100

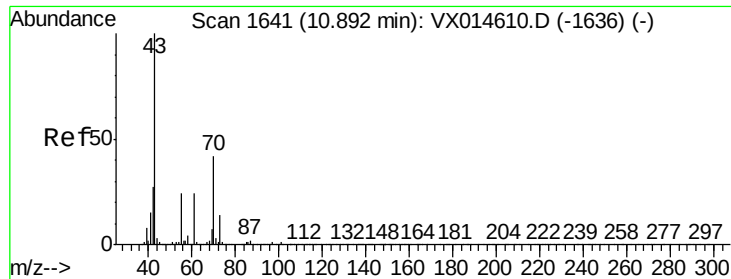
69 81.5 40.6 122.0

39 57.0 27.8 83.3



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

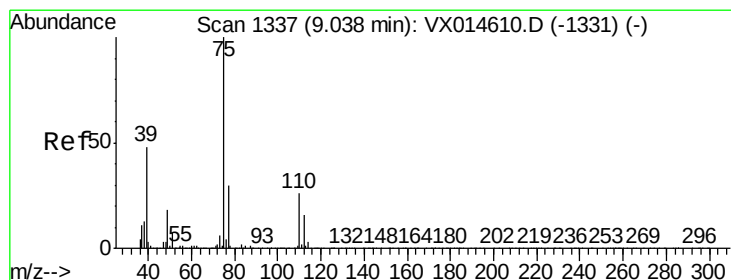
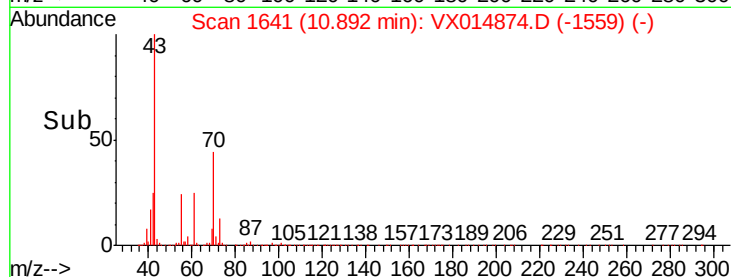
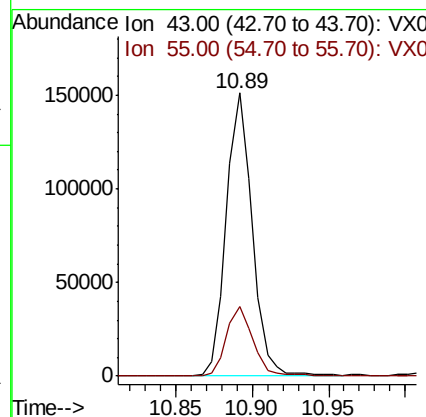
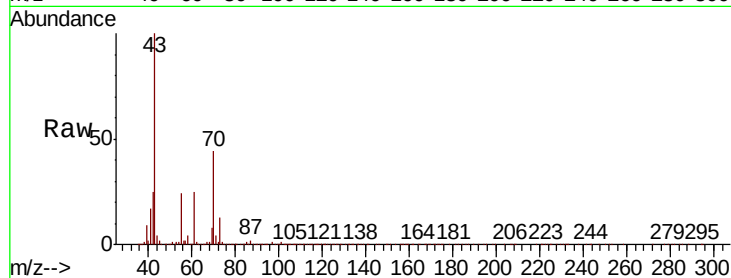




#47
n-amvl Acetate
Concen: 20.119 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

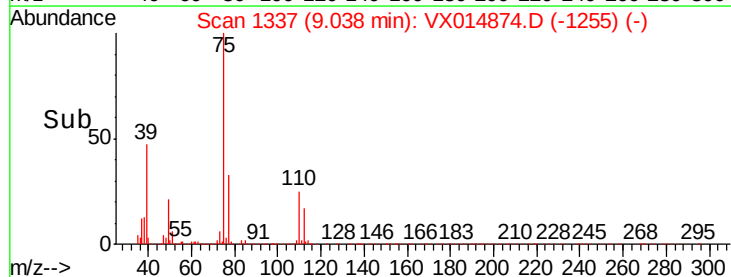
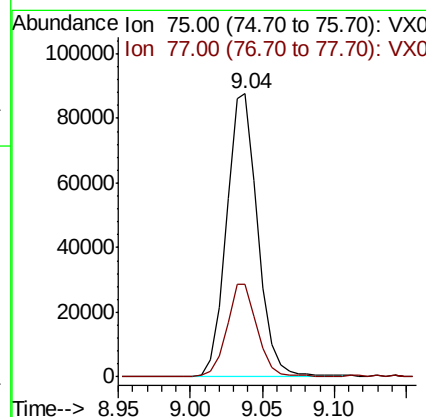
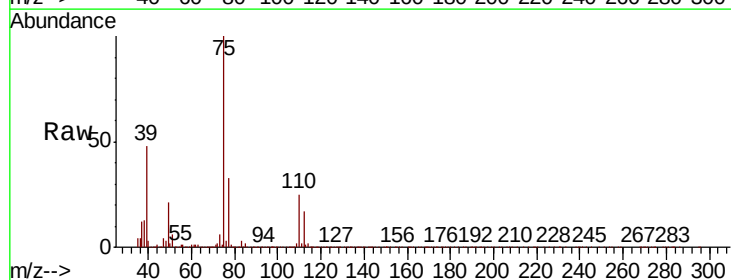
Instrument :
MSVOA_X
ClientSampleId :

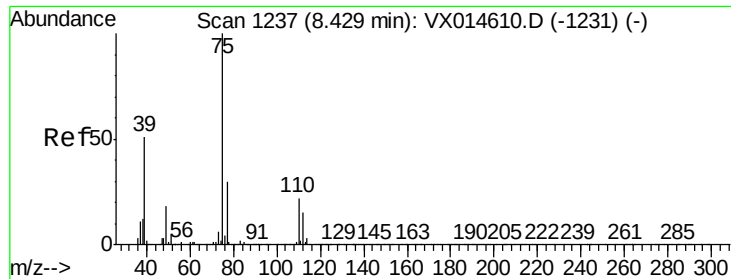
Tot Ion: 43 Resp: 177793
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 21.026 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 75 Resp: 132352
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0



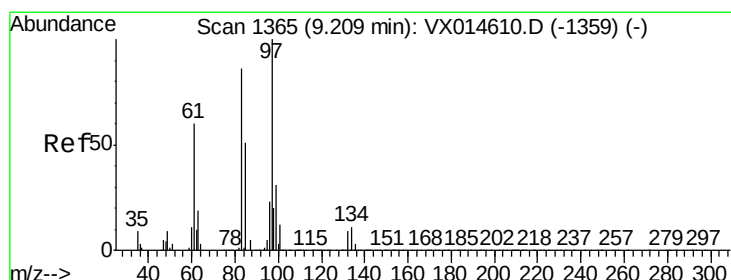
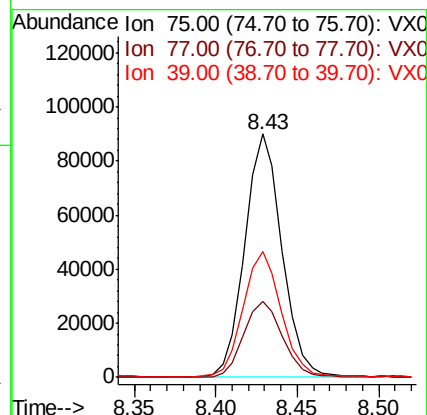
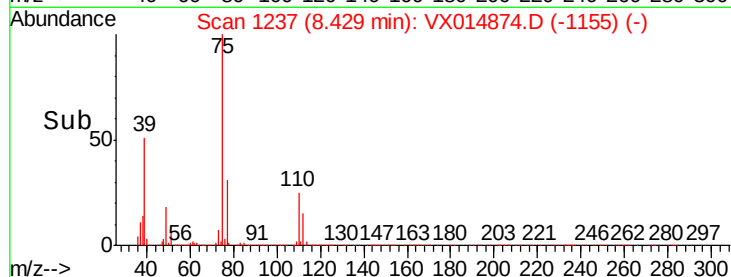
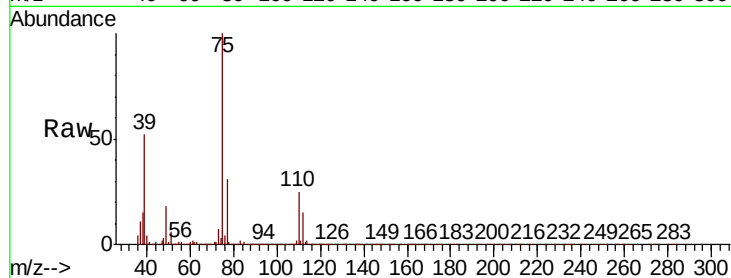


#49

cis-1,3-Dichloropropene
Concen: 20.044 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

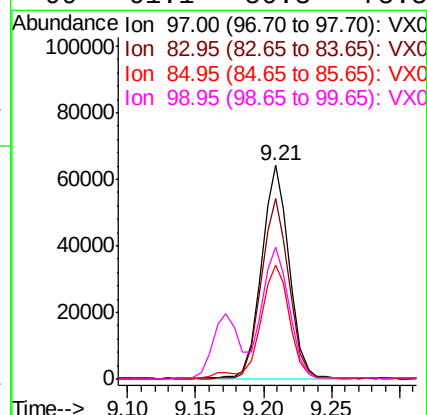
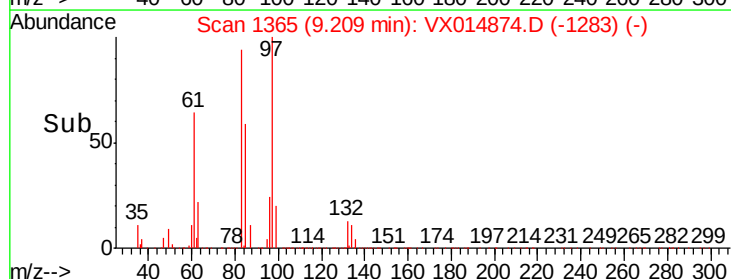
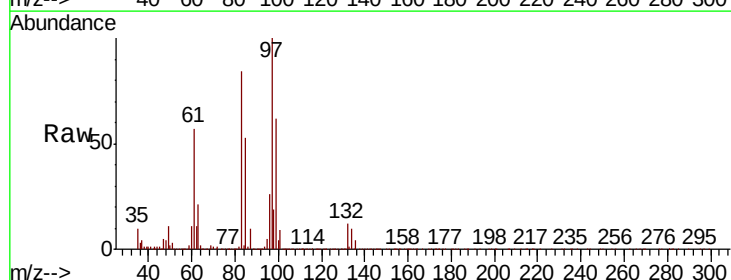
Tot Ion:	75	Resp:	142166
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	51.4	41.1	61.7

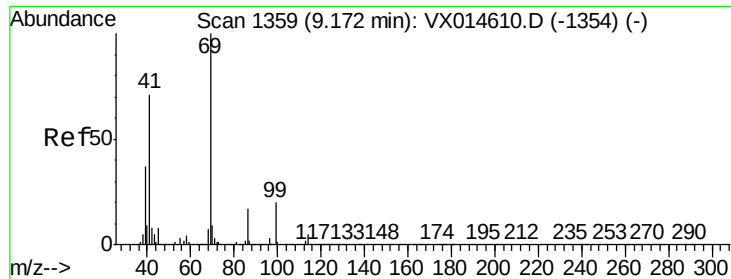


#50

1,1,2-Trichloroethane
Concen: 20.382 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion:	97	Resp:	91312
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.1	102.1
85	53.1	42.7	64.1
99	61.1	50.3	75.5

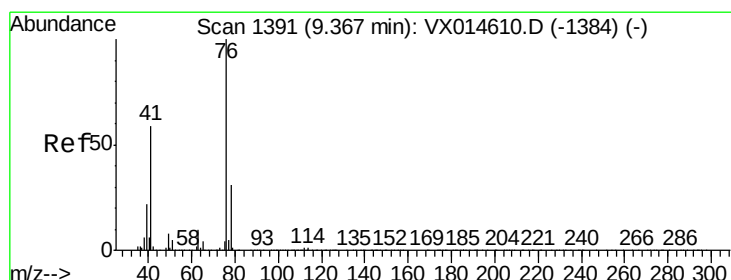
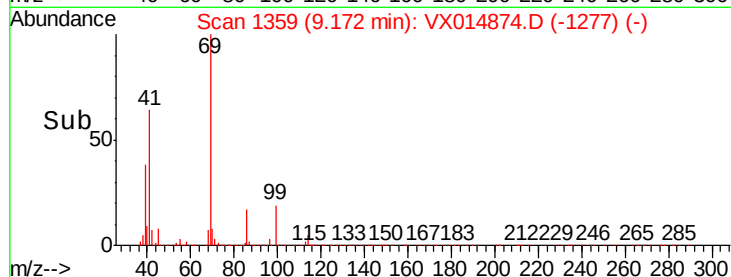
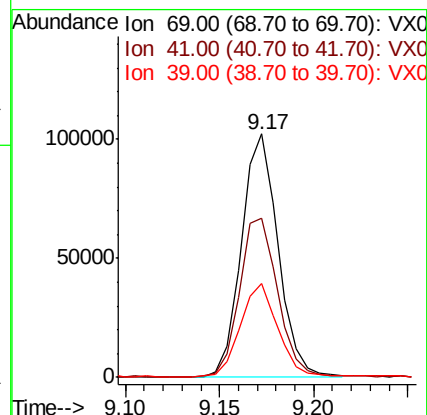
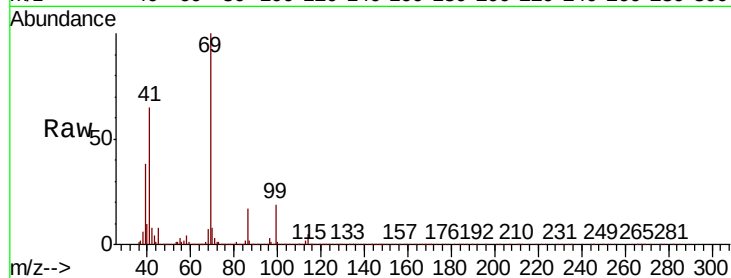




#51
Ethyl methacrylate
Concen: 19.699 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

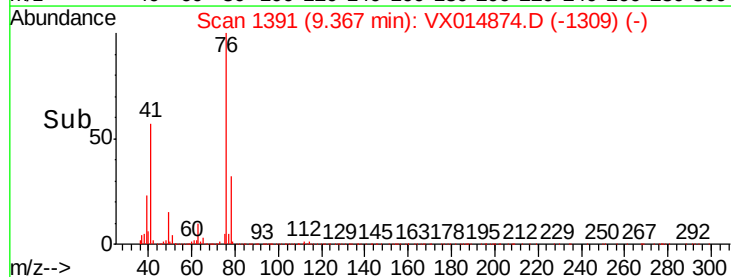
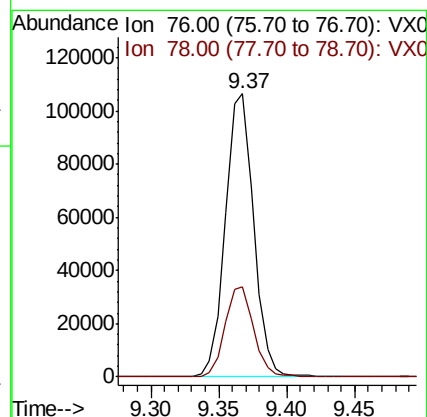
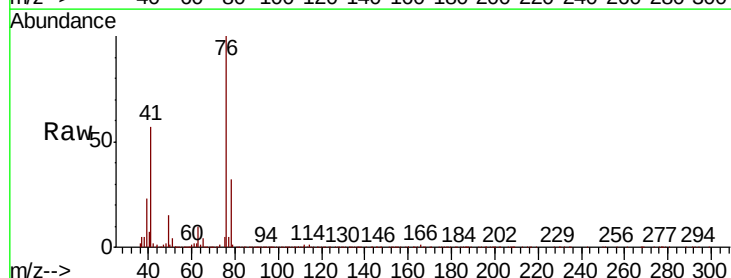
Instrument :
MSVOA_X
ClientSampleId :

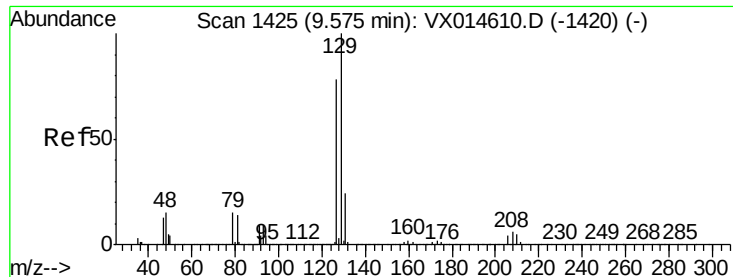
Tot Ion	Ratio	Lower	Upper
69	100		
41	64.8	35.4	106.1
39	38.1	17.8	53.3



#52
1,3-Dichloropropane
Concen: 20.238 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	63.4

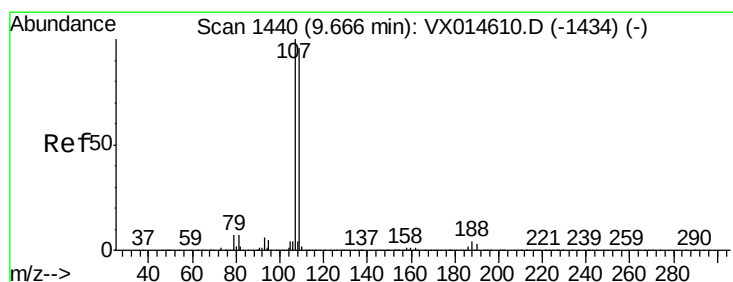
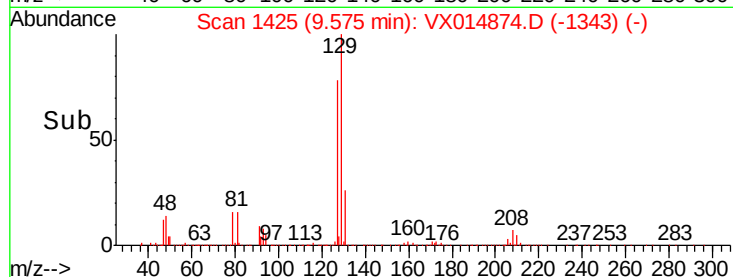
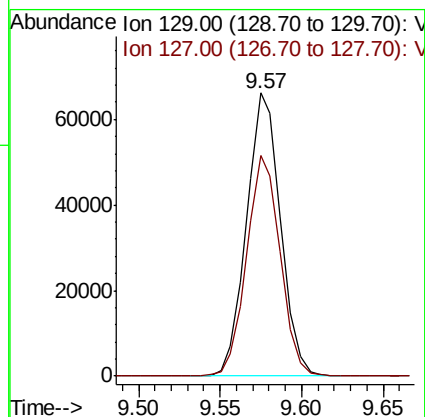
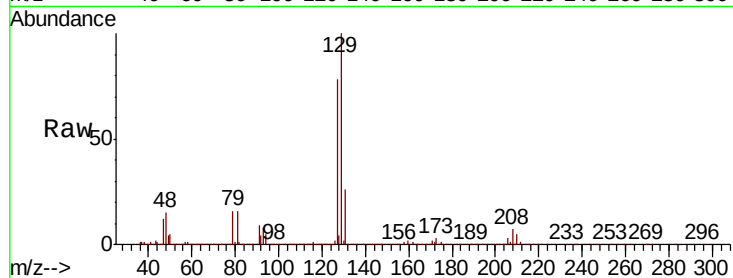




#53
Dibromochloromethane
Concen: 20.949 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

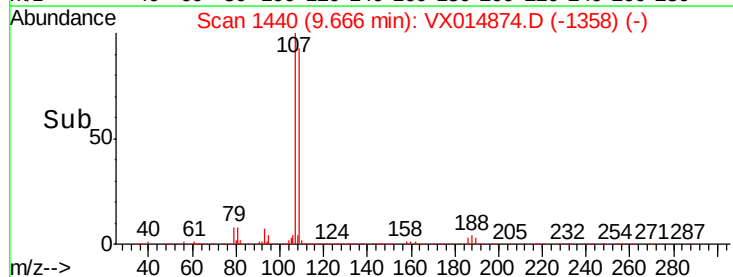
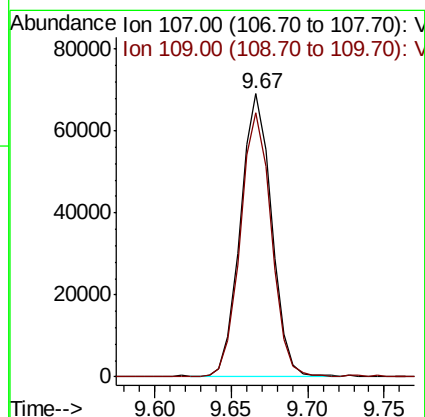
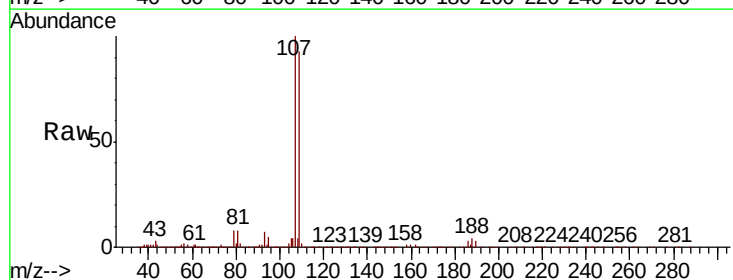
Instrument :
MSVOA_X
ClientSampled :

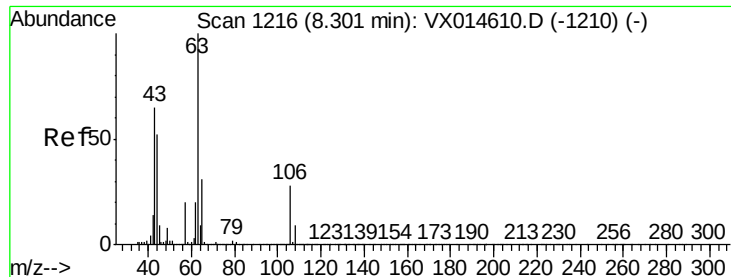
Tot Ion:129 Resp: 95996
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.5



#54
1,2-Dibromoethane
Concen: 21.144 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion:107 Resp: 98238
Ion Ratio Lower Upper
107 100
109 92.5 77.2 115.8

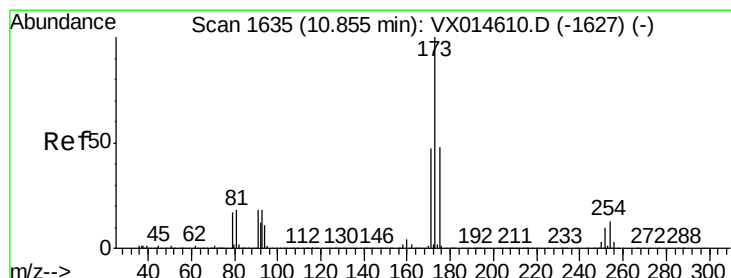
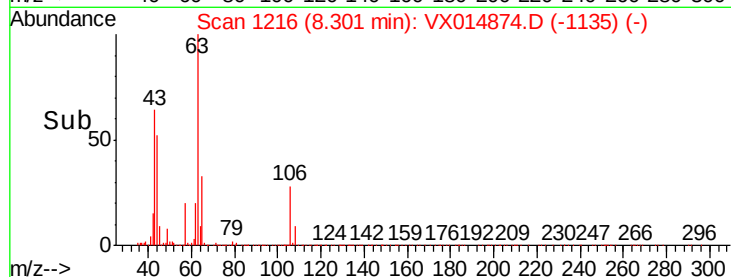
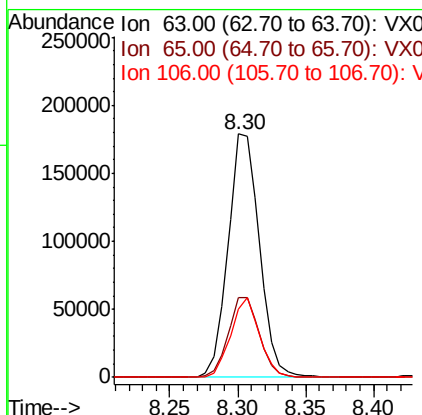
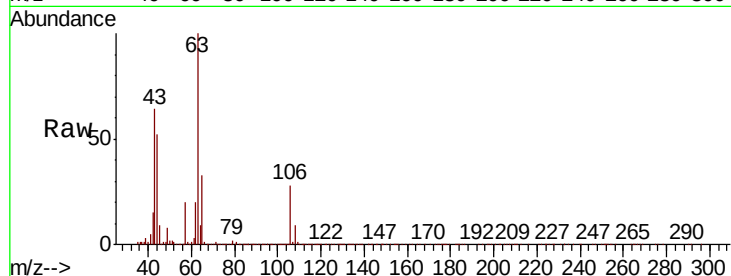




#55
2-Chloroethyl vinyl ether
Concen: 88.828 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

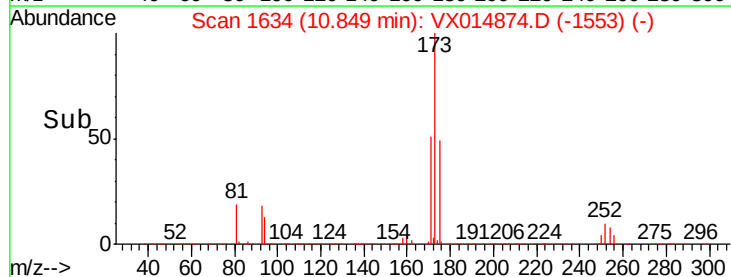
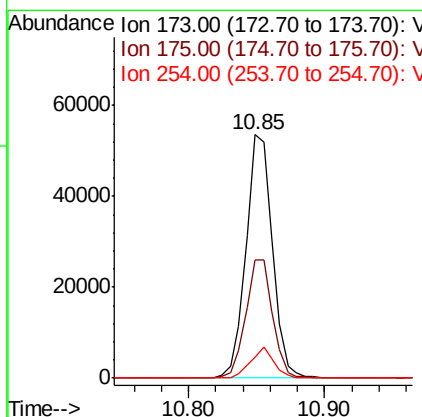
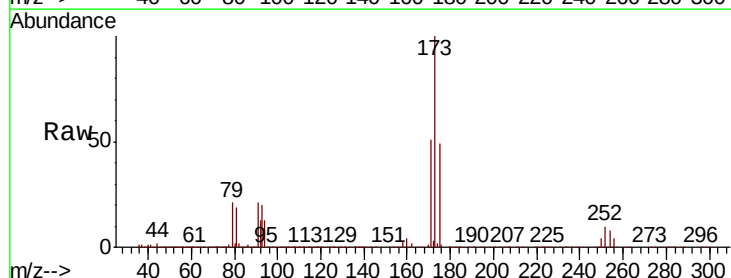
Instrument :
MSVOA_X
ClientSampled :

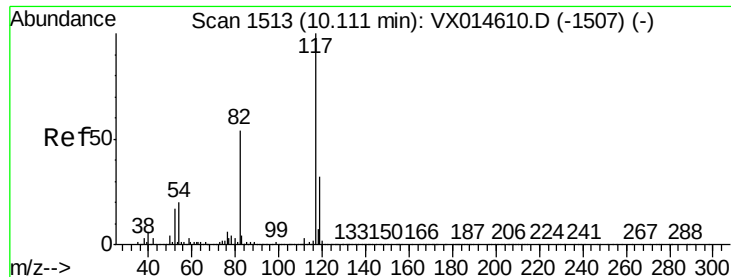
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.8	38.6
106	30.2	22.9	34.3



#56
Bromoform
Concen: 20.701 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.5	59.3
254	11.3	8.2	12.4

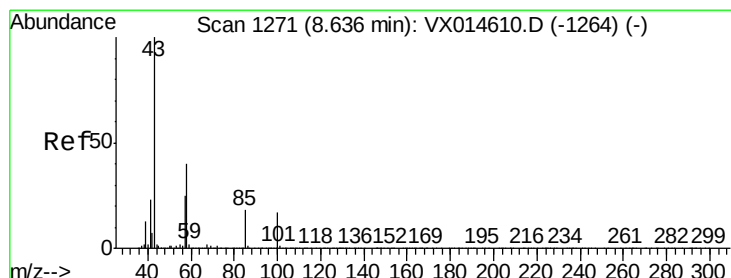
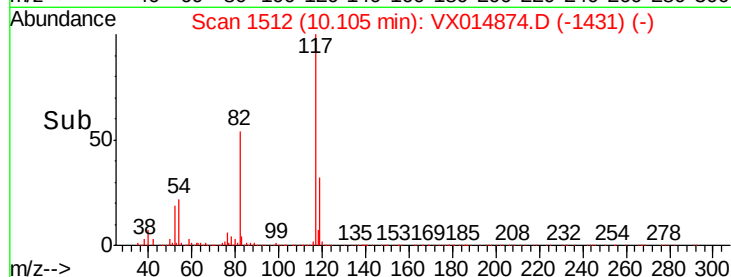
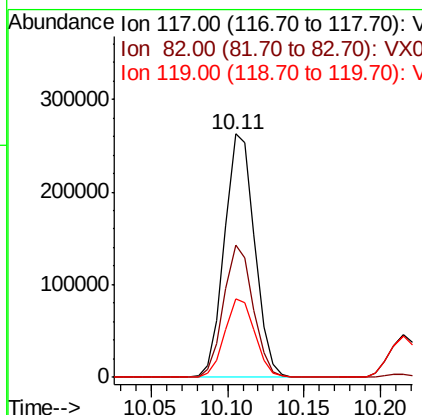
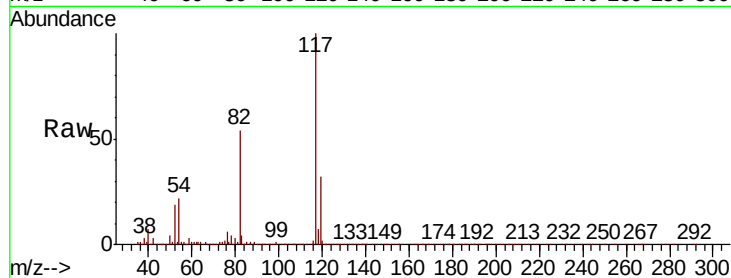




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

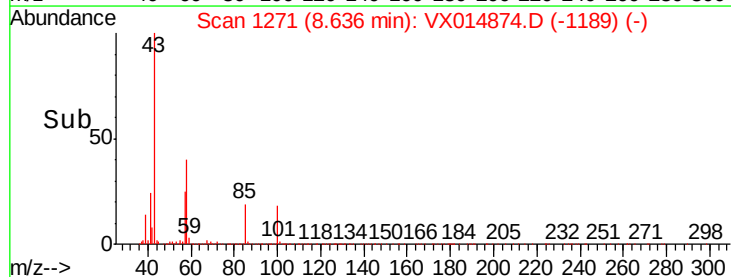
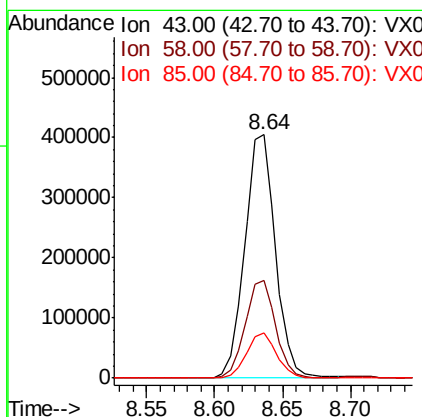
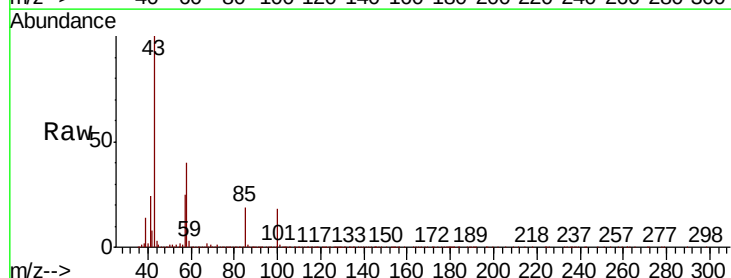
Instrument :
MSVOA_X
ClientSampleId :

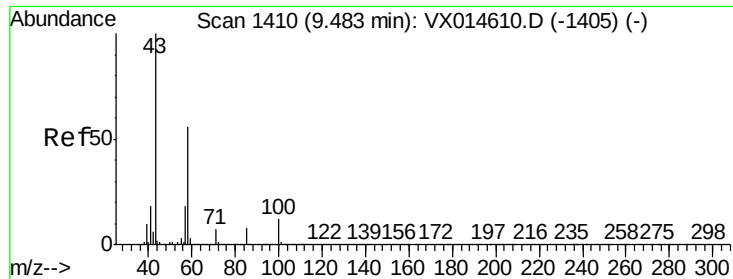
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.6
119	32.1	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 93.938 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.2	46.8
85	18.4	14.2	21.2

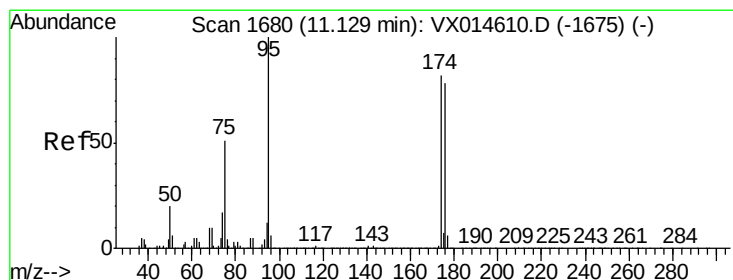
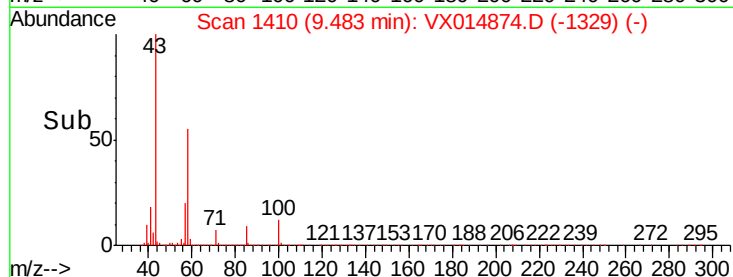
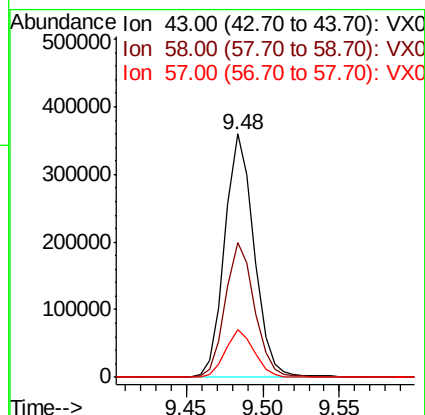
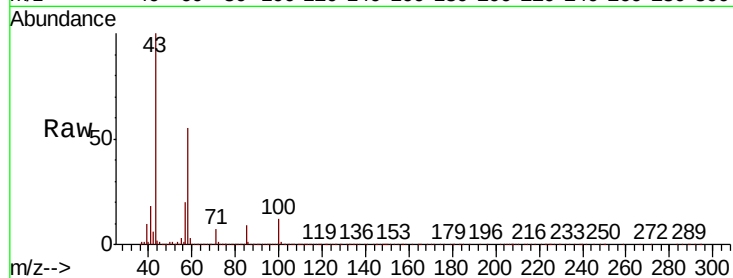




#59
2-Hexanone
Concen: 91.058 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

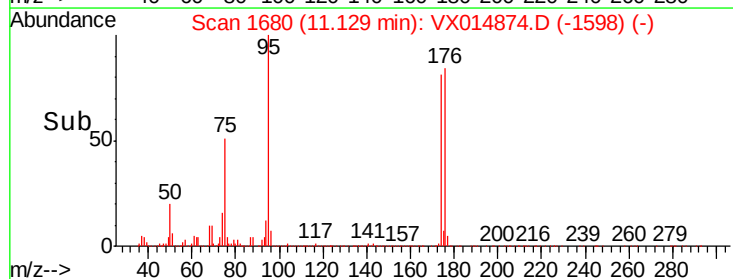
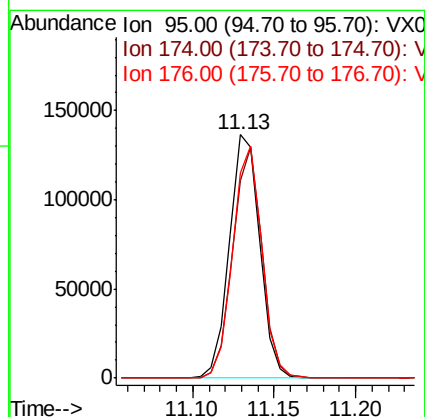
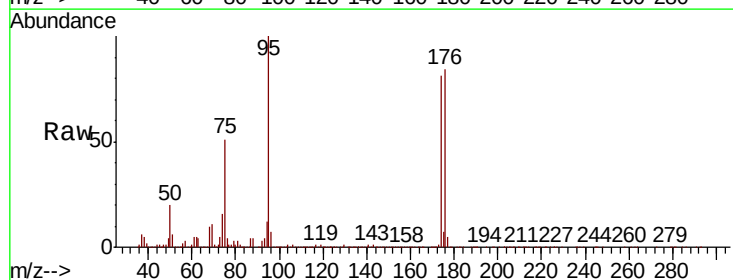
Instrument :
MSVOA_X
ClientSampleId :

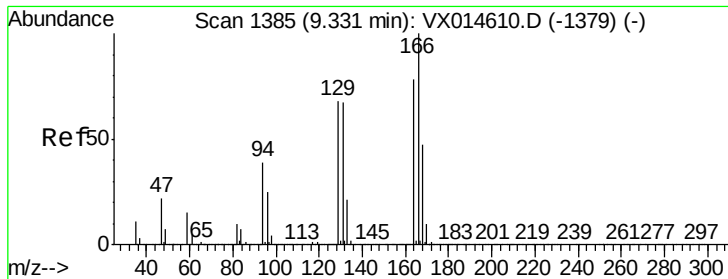
Tot Ion: 43 Resp: 477572
Ion Ratio Lower Upper
43 100
58 55.5 43.8 65.6
57 19.1 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.578 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 95 Resp: 176206
Ion Ratio Lower Upper
95 100
174 91.3 70.2 105.2
176 91.5 68.3 102.5

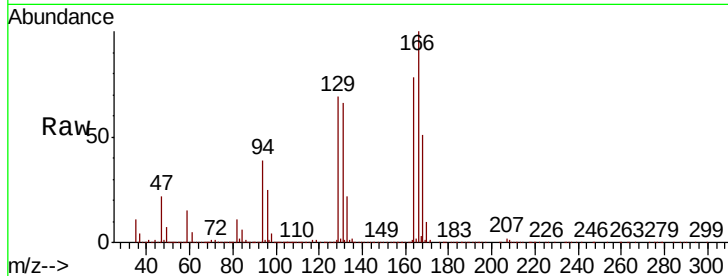




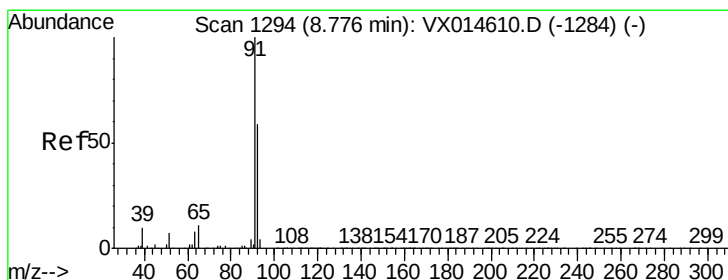
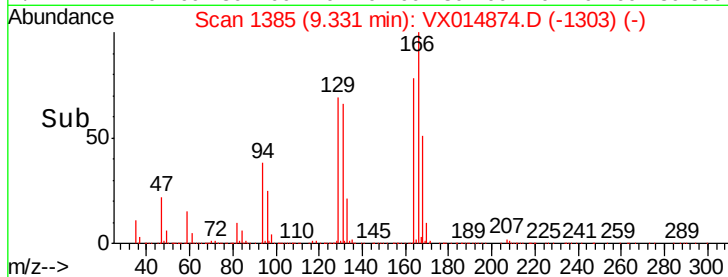
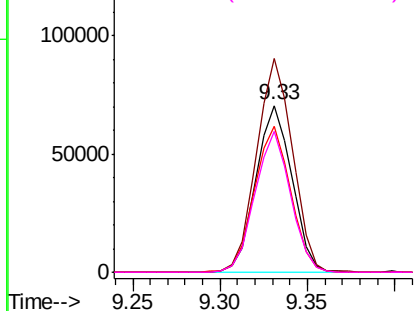
#61
Tetrachloroethene
Concen: 18.949 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.2
129	87.4	71.6	107.4
131	84.2	71.7	107.5

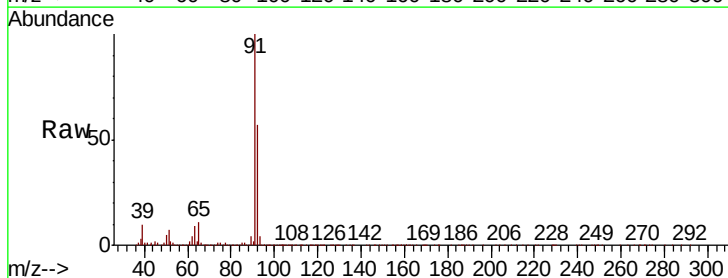


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

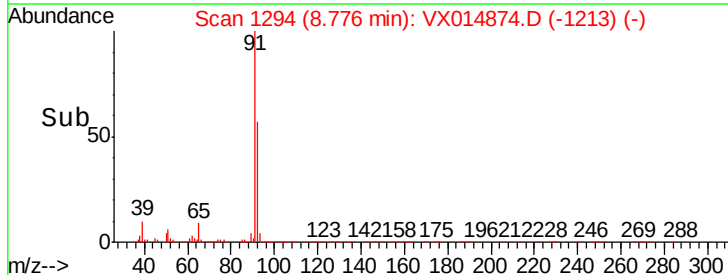
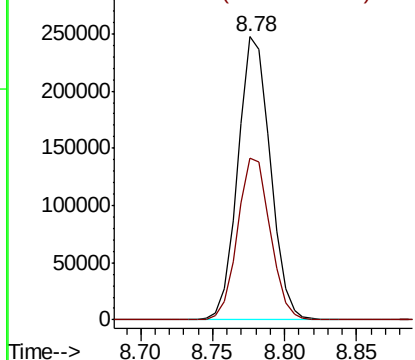


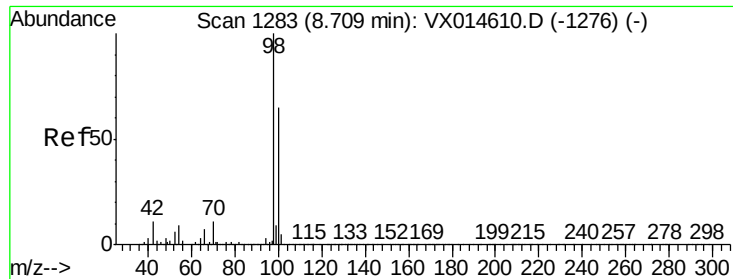
#62
Toluene
Concen: 20.255 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	46.4	69.6



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

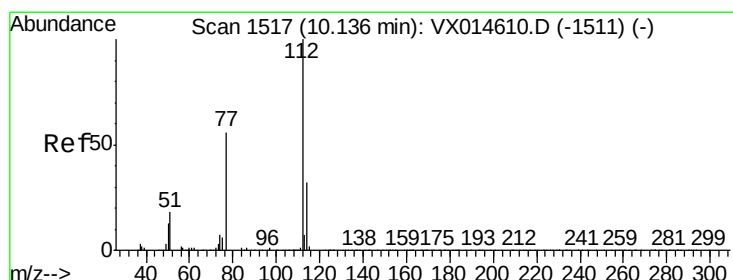
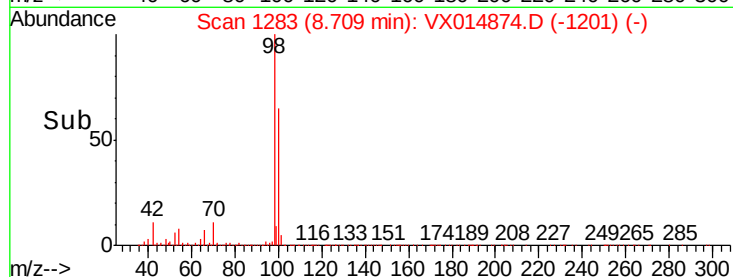
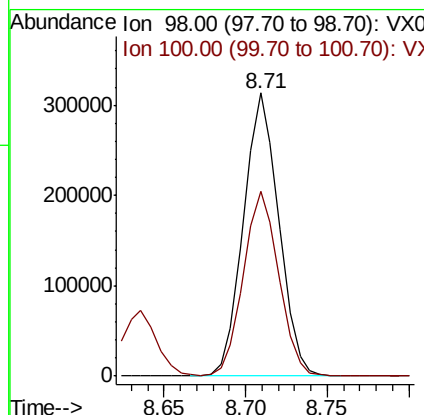
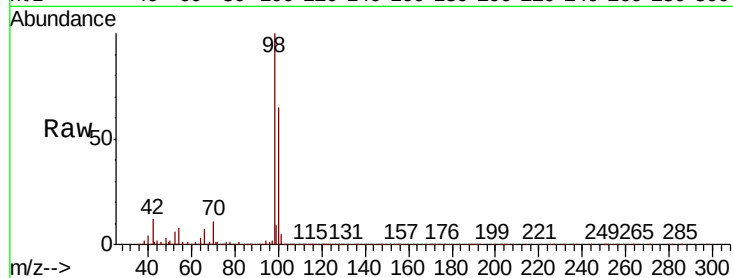




#63
Toluene-d8
Concen: 29.067 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

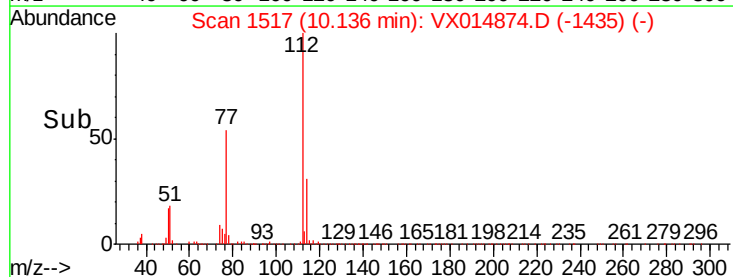
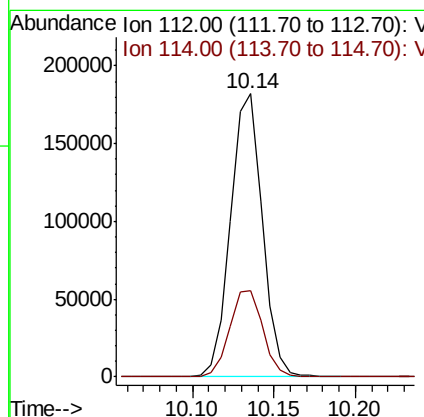
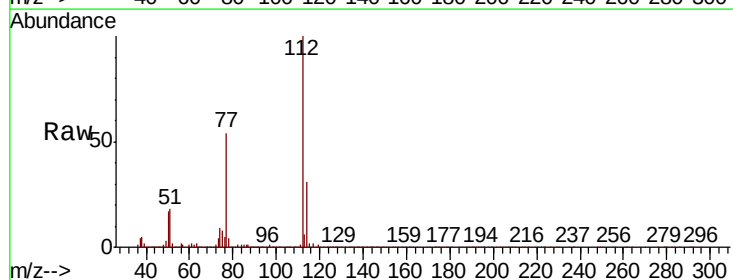
Instrument :
MSVOA_X
ClientSampleId :

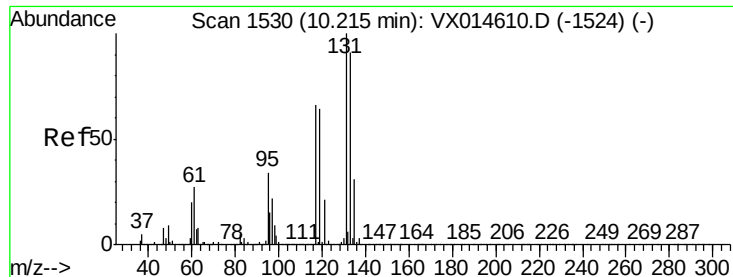
Tot Ion: 98 Resp: 472798
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#64
Chlorobenzene
Concen: 20.669 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 112 Resp: 246511
Ion Ratio Lower Upper
112 100
114 30.6 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.557 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

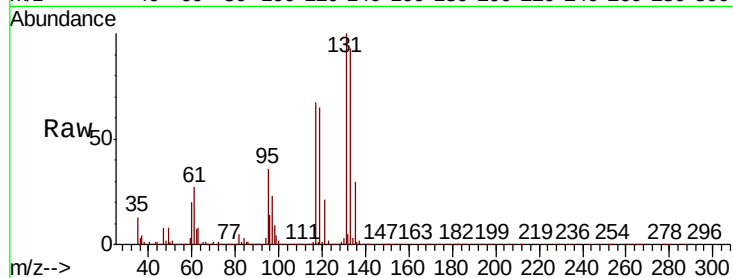
Tot Ion:131 Resp: 90554

Ion Ratio Lower Upper

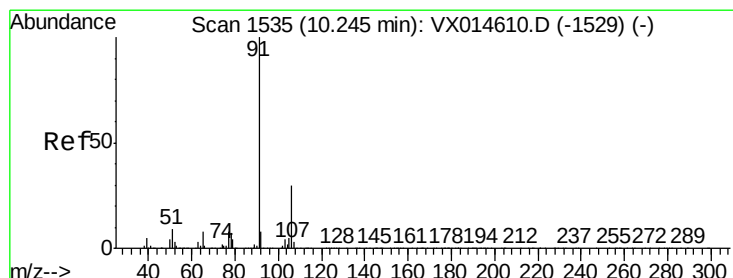
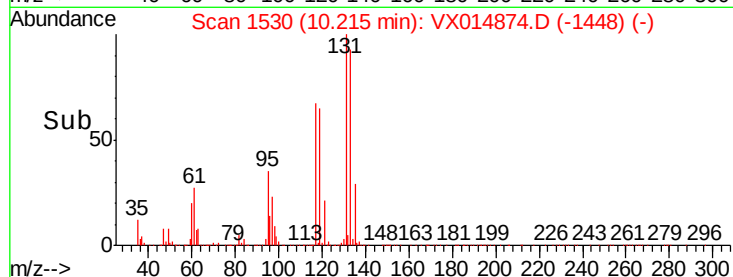
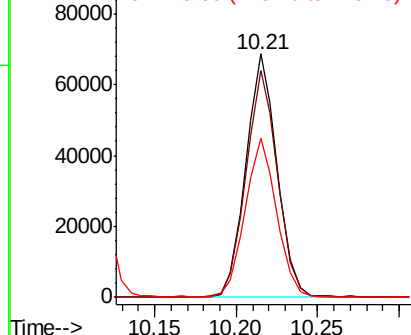
131 100

133 94.7 0.0 189.8

119 65.9 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.823 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014874.D

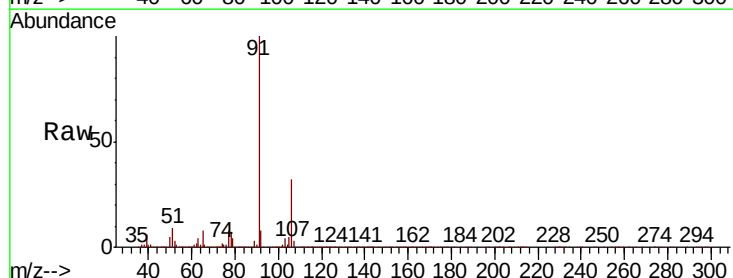
Acq: 07 Feb 2020 16:25

Tgt Ion: 91 Resp: 433328

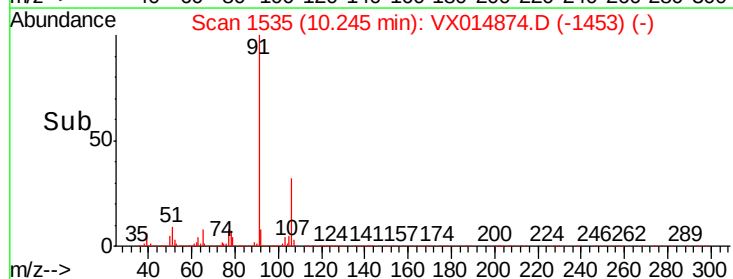
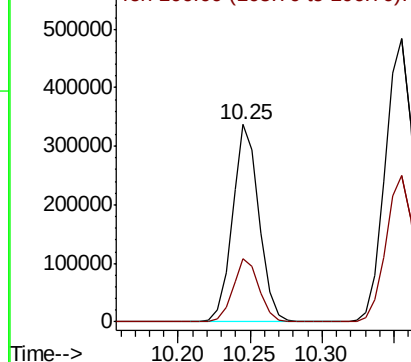
Ion Ratio Lower Upper

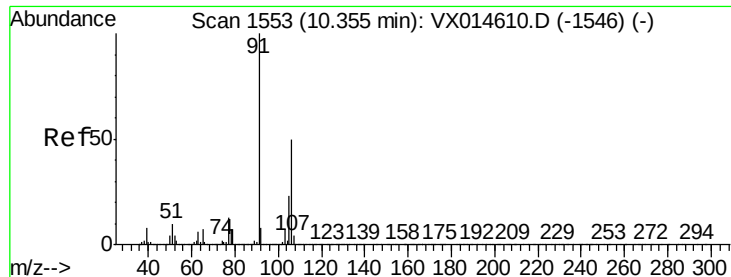
91 100

106 31.9 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

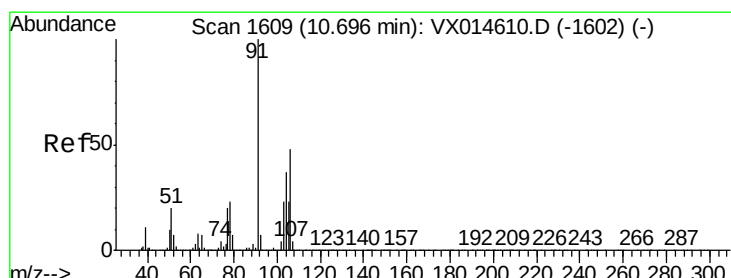
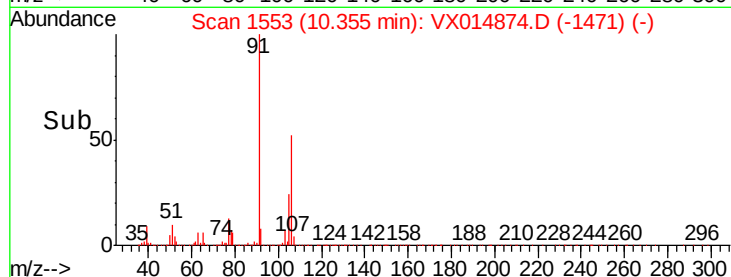
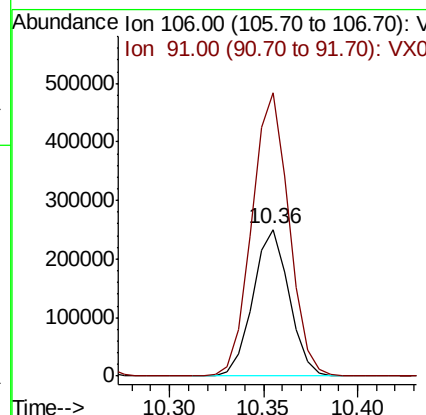
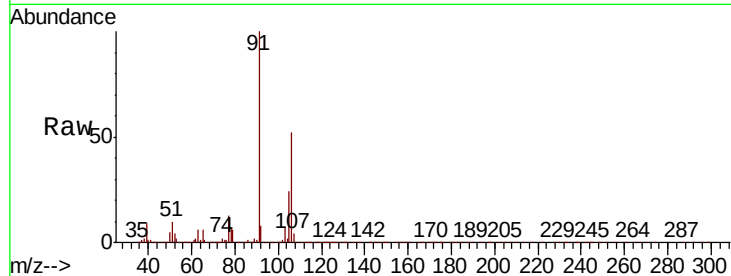




#67
m/p-Xylenes
Concen: 41.845 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

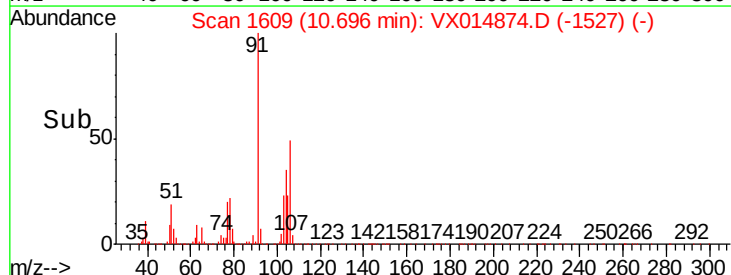
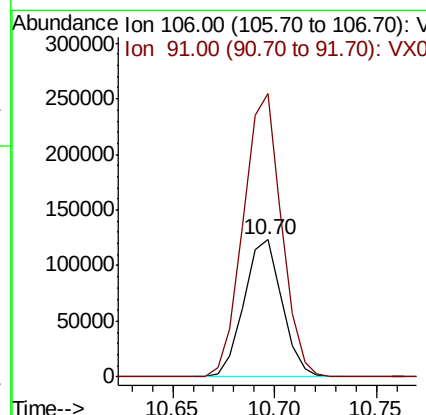
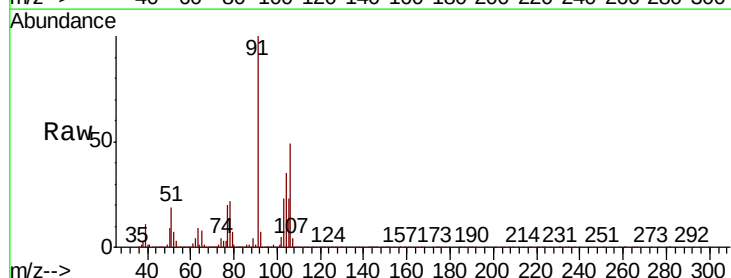
Instrument :
MSVOA_X
ClientSampled :

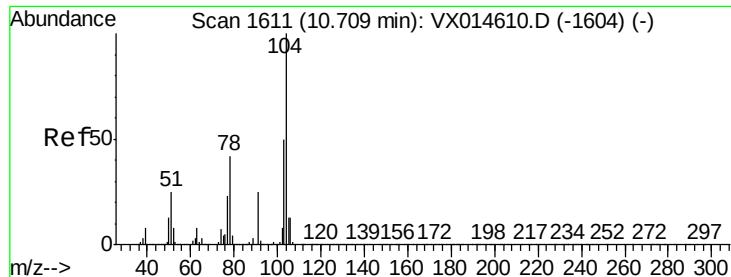
Tot Ion:106 Resp: 333551
Ion Ratio Lower Upper
106 100
91 197.6 159.3 238.9



#68
o-Xylene
Concen: 20.496 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion:106 Resp: 159094
Ion Ratio Lower Upper
106 100
91 207.6 104.8 314.6

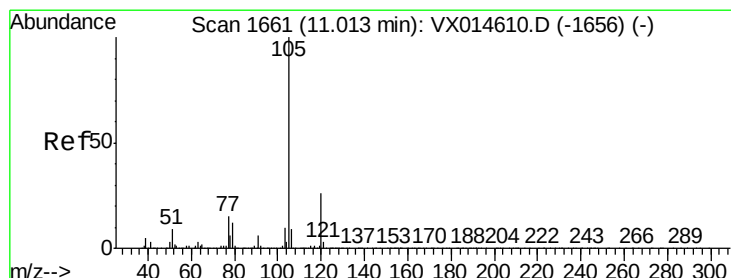
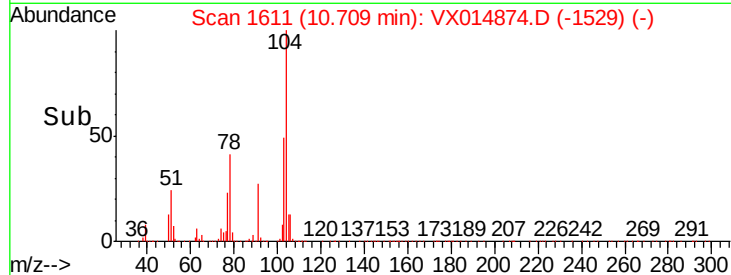
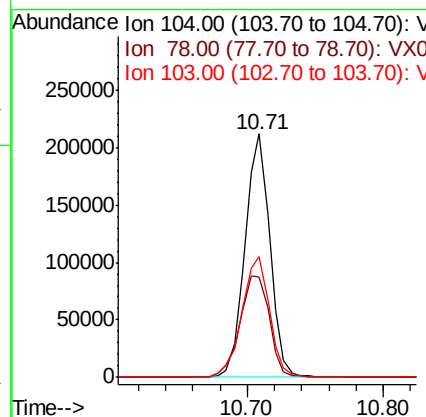
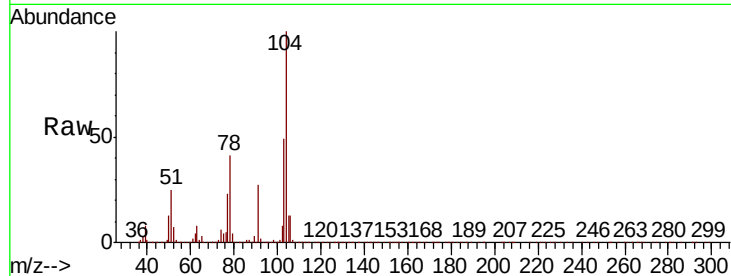




#69
Stvrene
Concen: 20.575 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

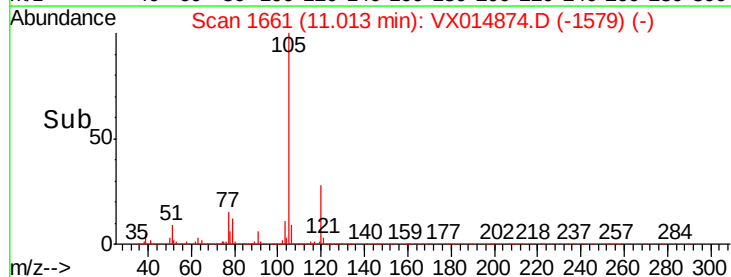
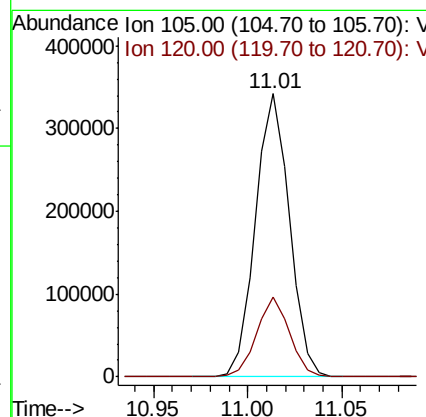
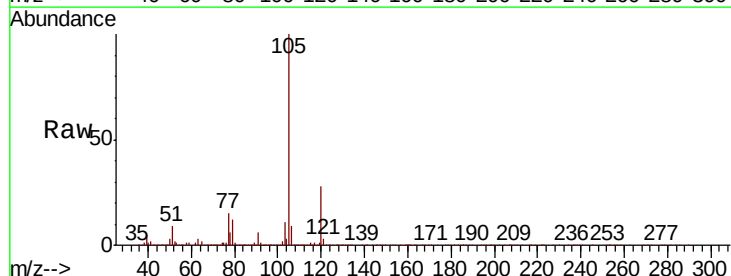
Instrument :
MSVOA_X
ClientSampleId :

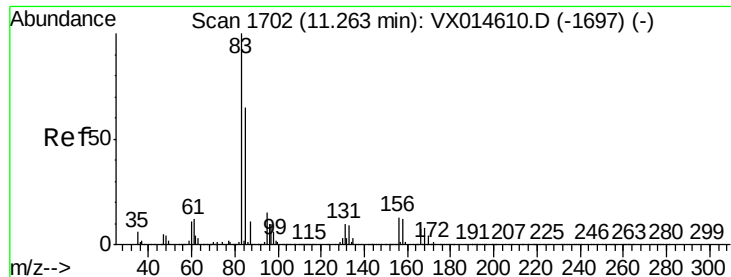
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.9	58.3
103	54.6	44.2	66.2



#70
Isopropylbenzene
Concen: 21.042 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.056 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

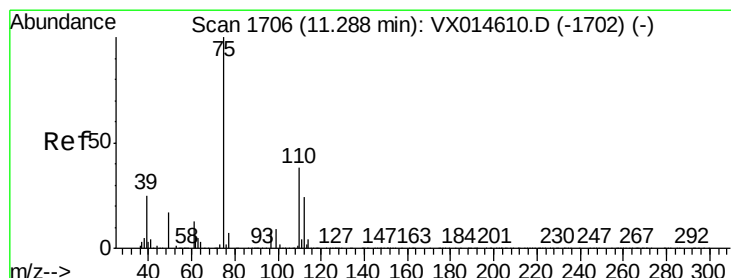
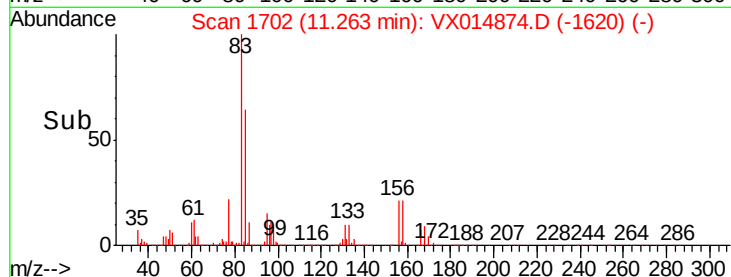
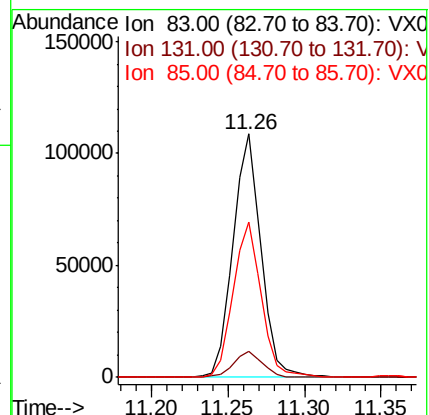
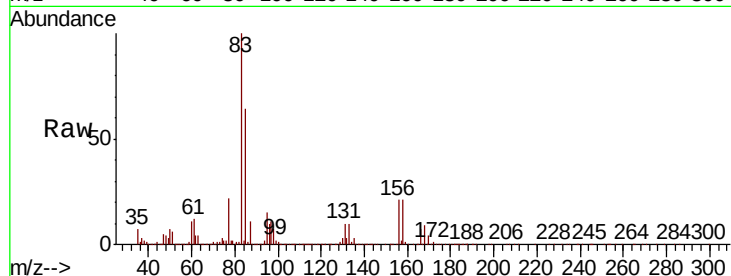
Tot Ion: 83 Resp: 137378

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.7

85 63.6 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 25.997 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014874.D

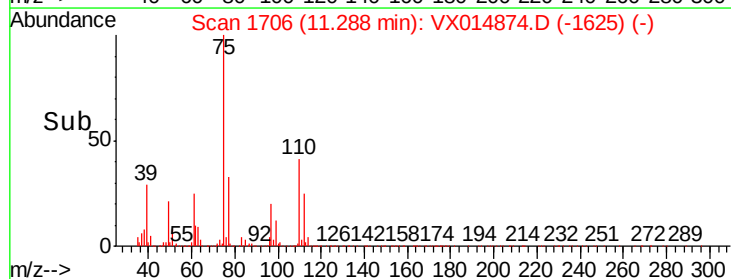
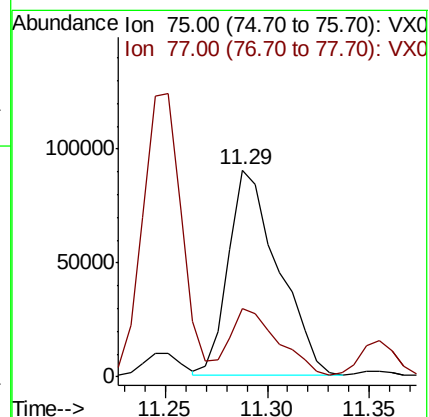
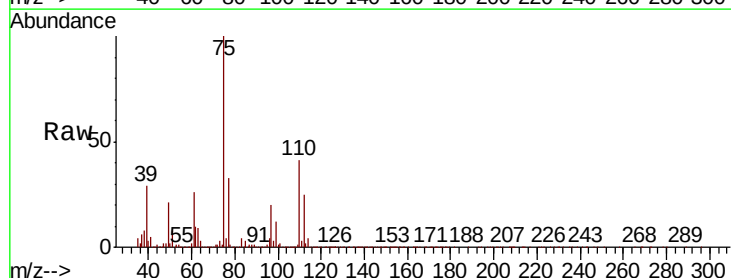
Acq: 07 Feb 2020 16:25

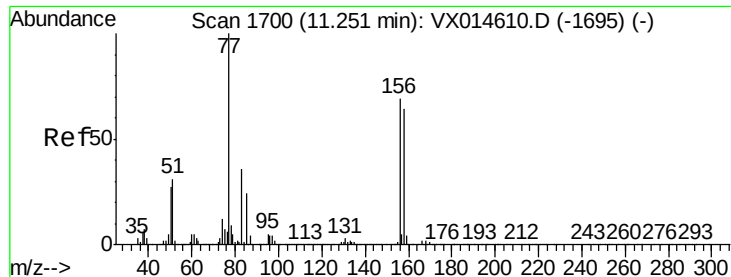
Tgt Ion: 75 Resp: 152320

Ion Ratio Lower Upper

75 100

77 31.2 0.0 68.4





#73

Bromobenzene

Concen: 21.584 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

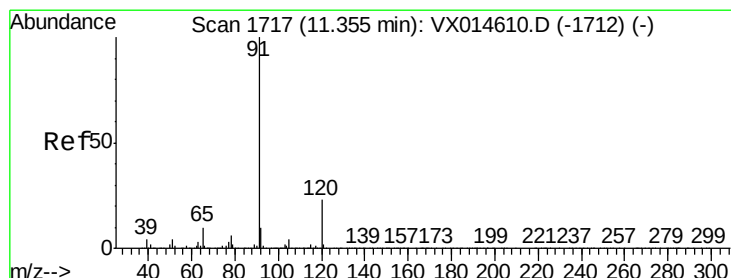
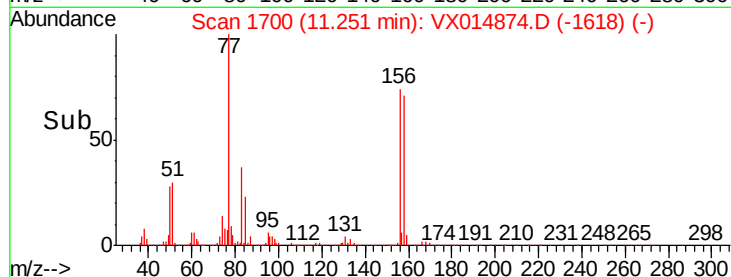
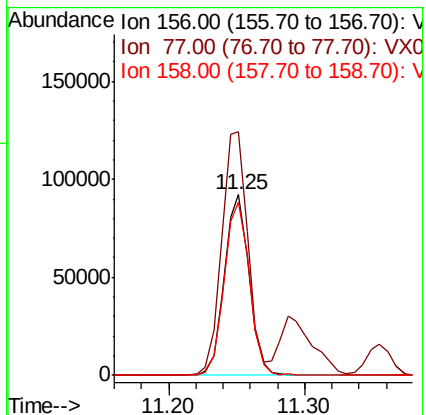
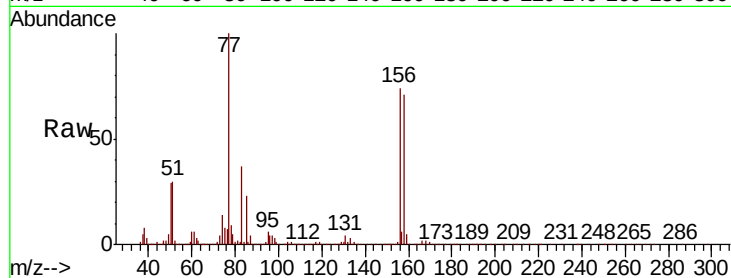
Tot Ion:156 Resp: 116348

Ion Ratio Lower Upper

156 100

77 140.9 0.0 304.6

158 96.2 0.0 195.2



#74

n-propylbenzene

Concen: 21.374 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014874.D

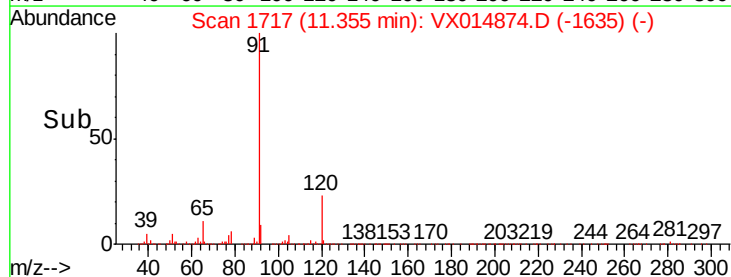
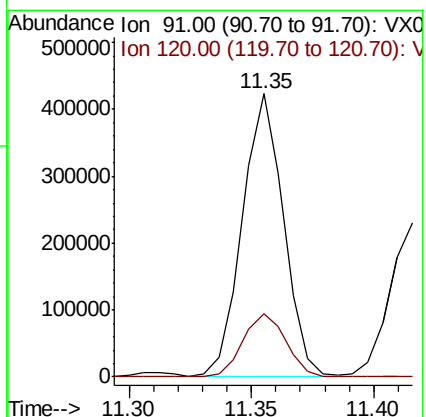
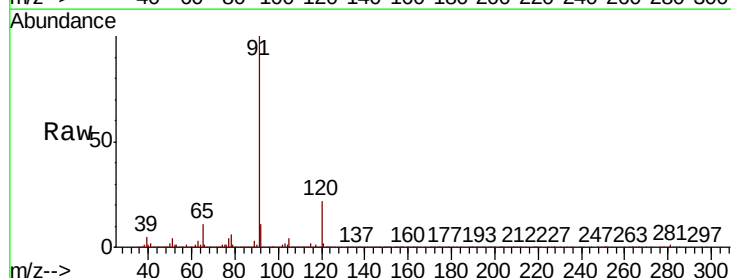
Acq: 07 Feb 2020 16:25

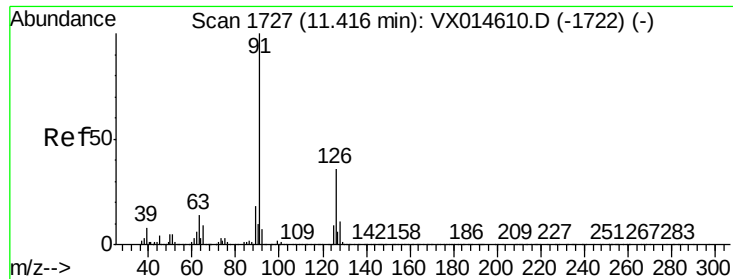
Tgt Ion: 91 Resp: 496654

Ion Ratio Lower Upper

91 100

120 23.2 0.0 44.8





#75

2-Chlorotoluene

Concen: 20.655 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

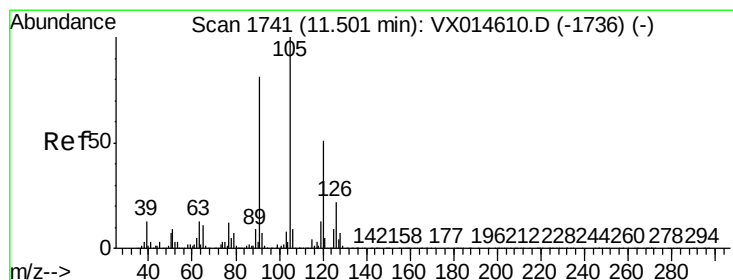
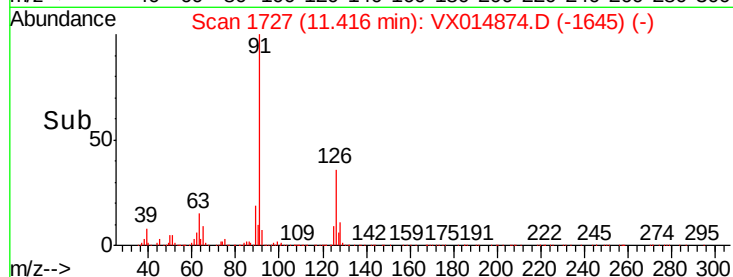
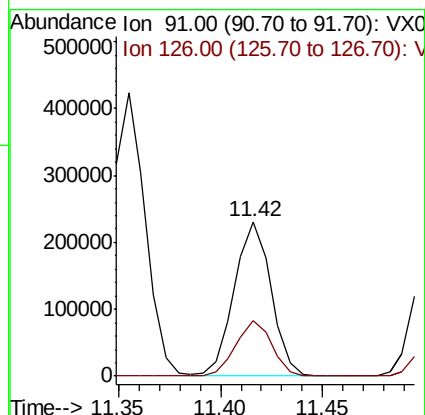
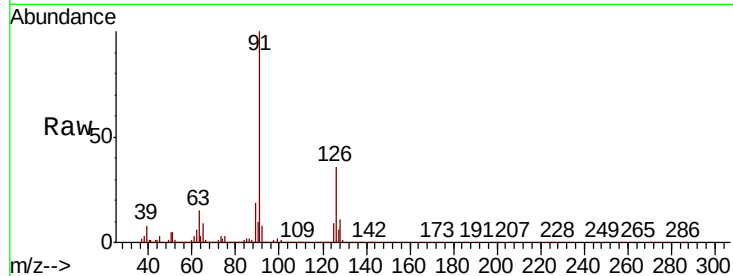
ClientSampleId :

Tot Ion: 91 Resp: 287642

Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 21.081 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014874.D

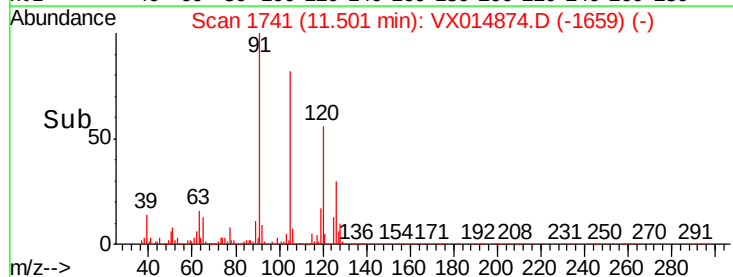
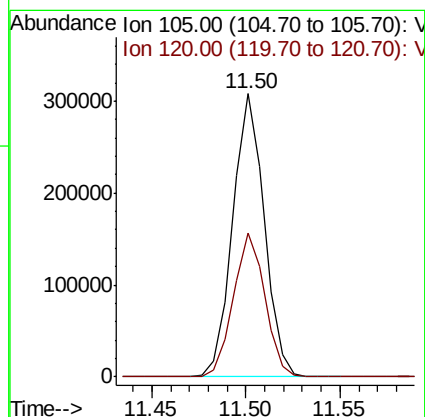
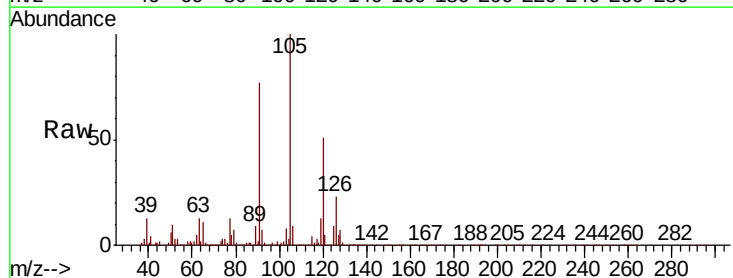
Acq: 07 Feb 2020 16:25

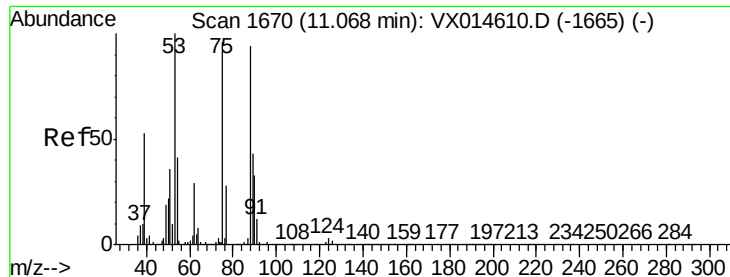
Tgt Ion: 105 Resp: 357209

Ion Ratio Lower Upper

105 100

120 50.9 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.206 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

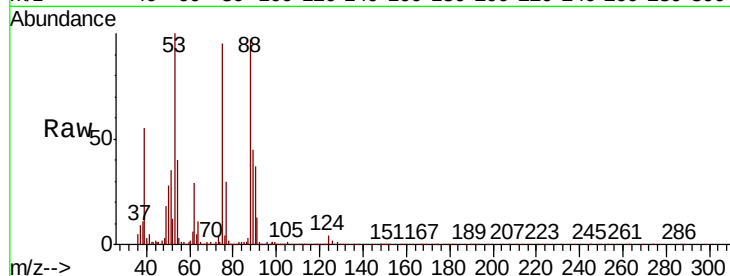
Tot Ion: 75 Resp: 41054

Ion Ratio Lower Upper

75 100

53 105.3 54.4 163.1

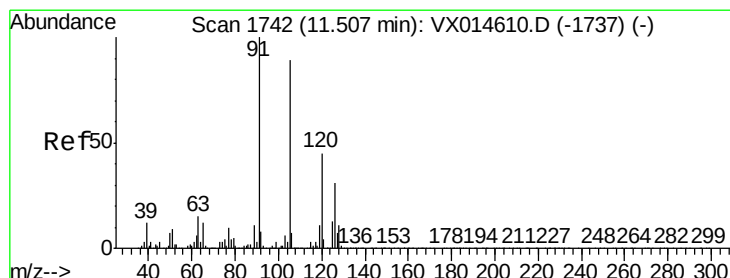
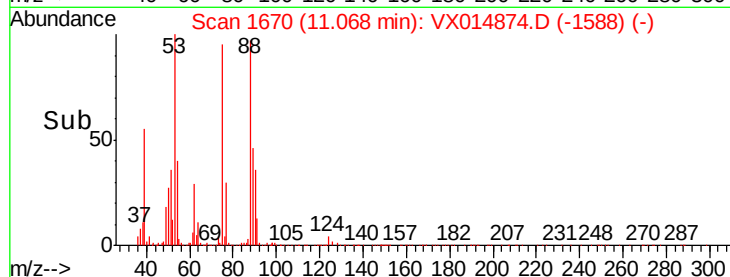
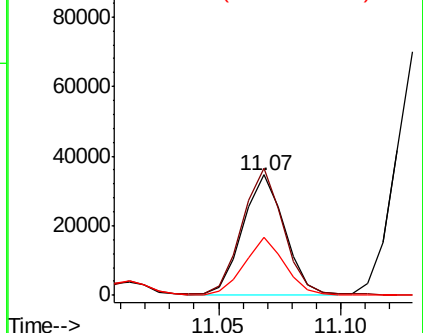
89 47.7 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 21.329 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014874.D

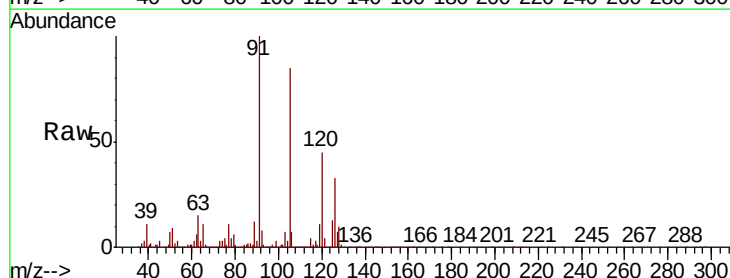
Acq: 07 Feb 2020 16:25

Tgt Ion: 91 Resp: 337335

Ion Ratio Lower Upper

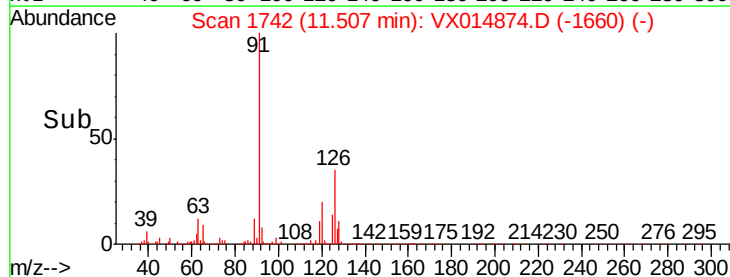
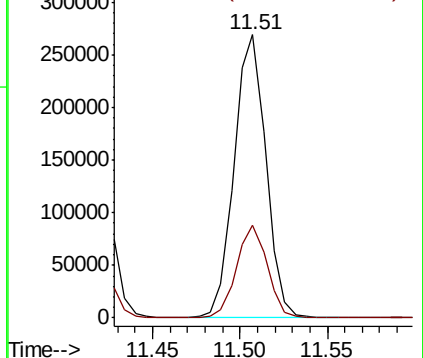
91 100

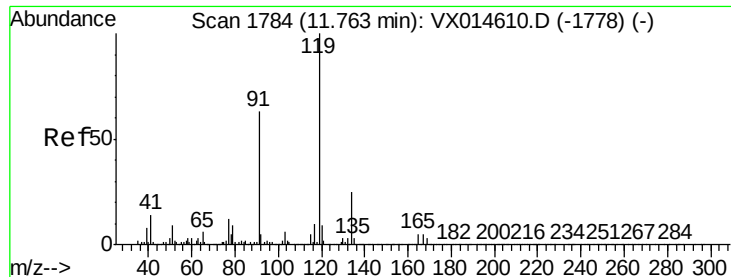
126 31.9 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 21.840 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

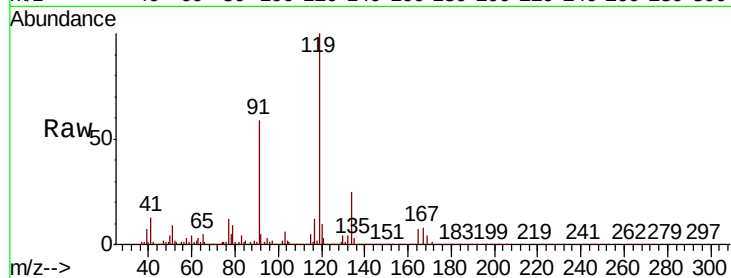
Tot Ion:119 Resp: 346263

Ion Ratio Lower Upper

119 100

91 56.6 0.0 112.6

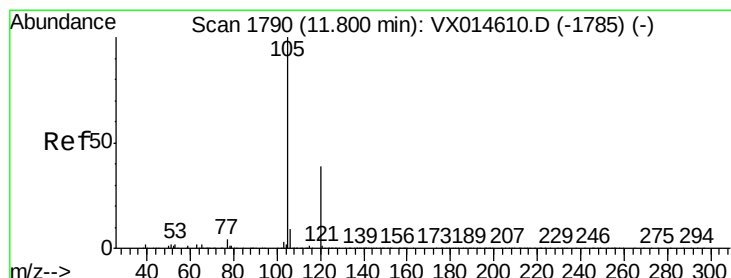
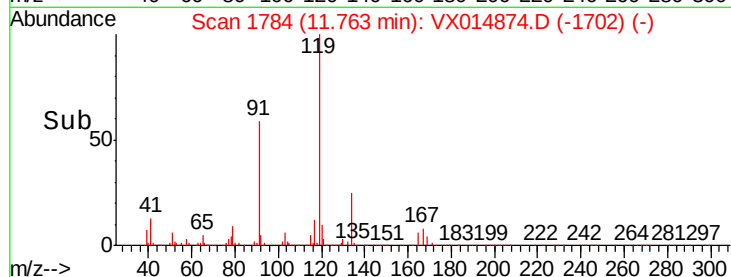
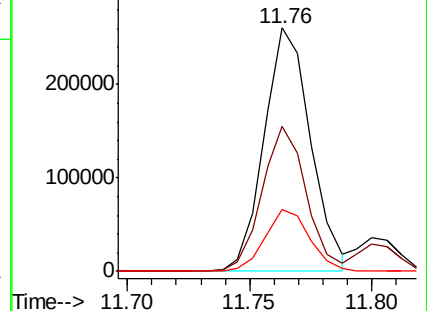
134 24.3 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.284 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014874.D

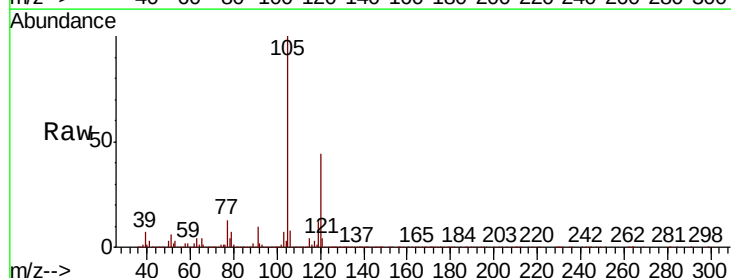
Acq: 07 Feb 2020 16:25

Tgt Ion:105 Resp: 359696

Ion Ratio Lower Upper

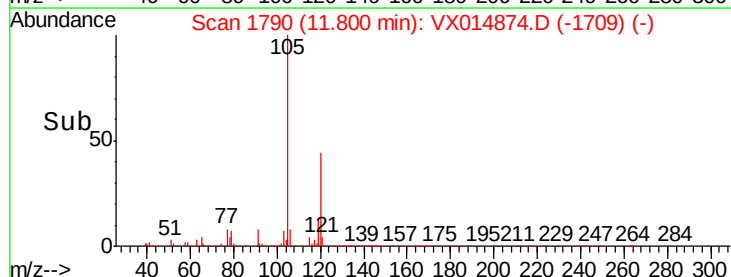
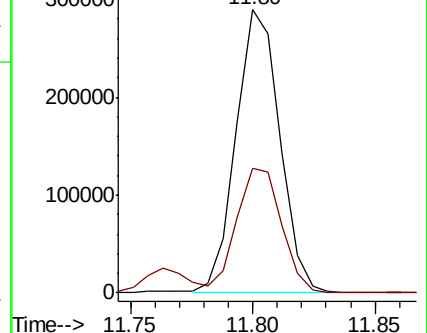
105 100

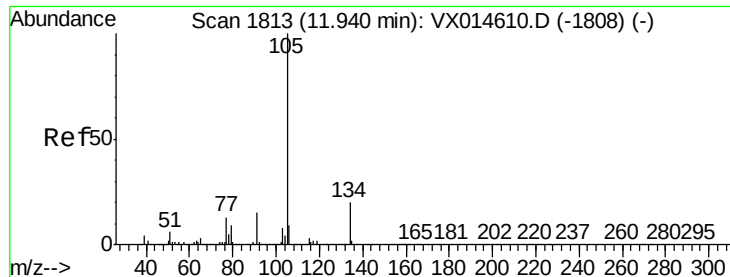
120 45.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

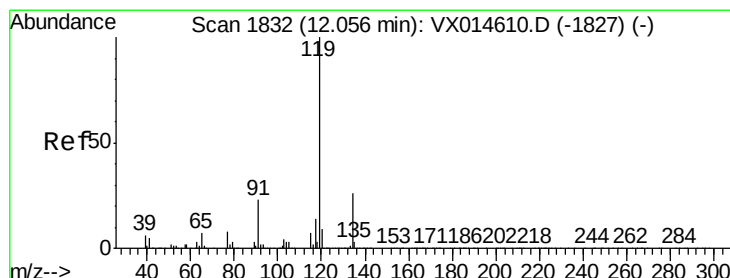
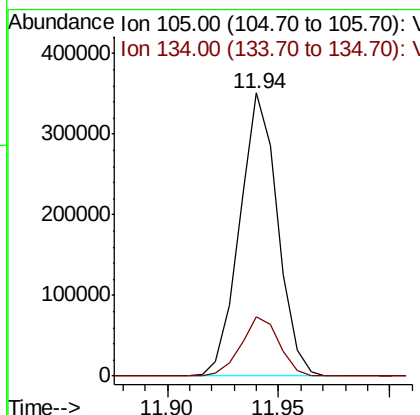
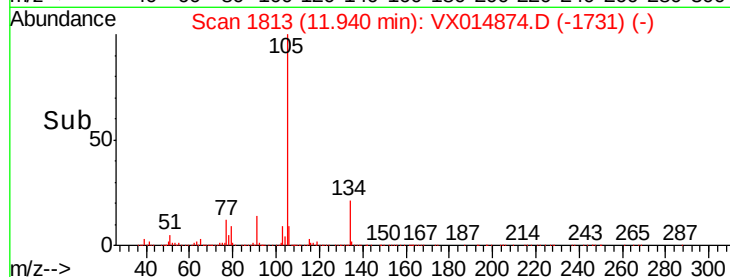
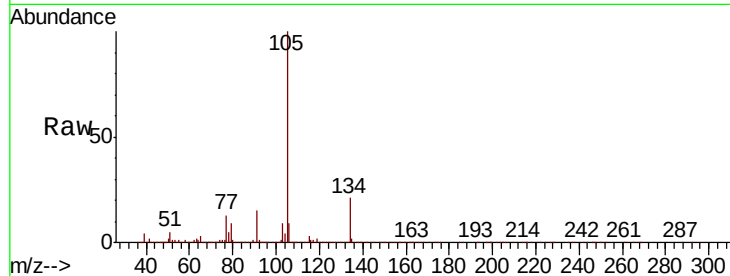




#81
 sec-Butylbenzene
 Concen: 21.222 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

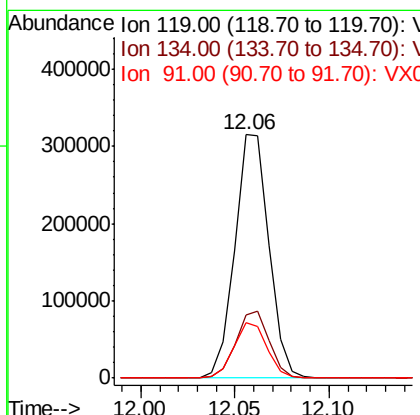
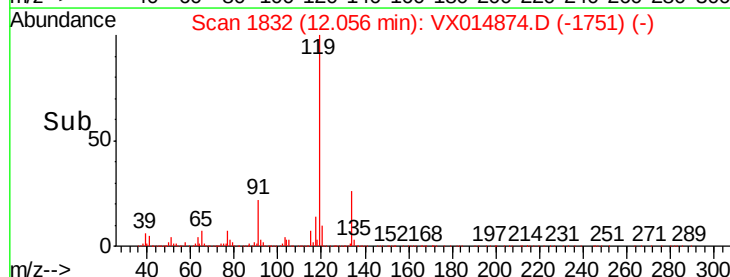
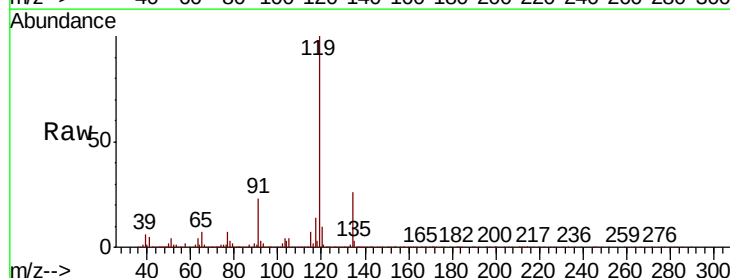
Instrument :
 MSVOA_X
 ClientSampleId :

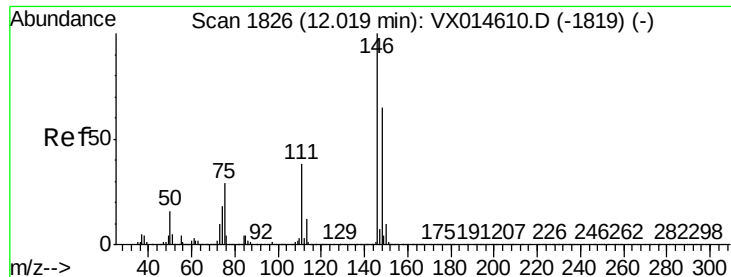
Tot Ion:105 Resp: 416349
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 22.044 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion:119 Resp: 394808
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.8
 91 22.0 0.0 45.0

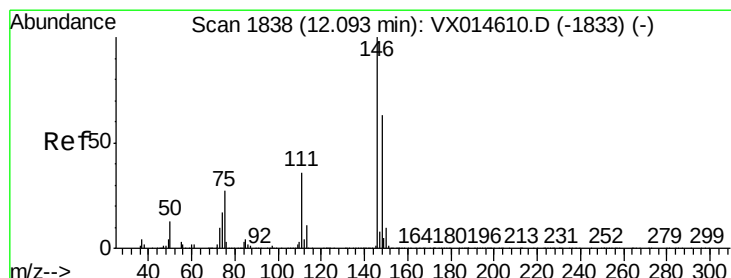
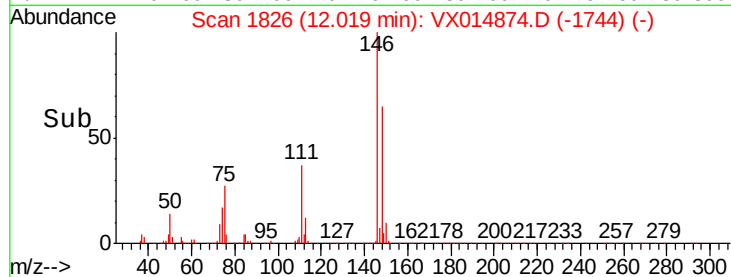
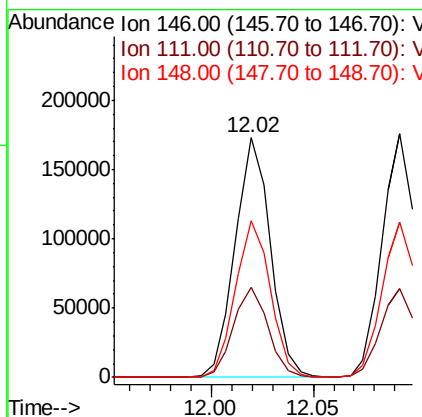
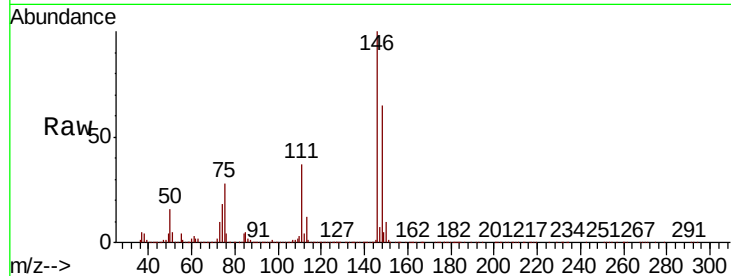




#83
 1,3-Dichlorobenzene
 Concen: 22.062 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

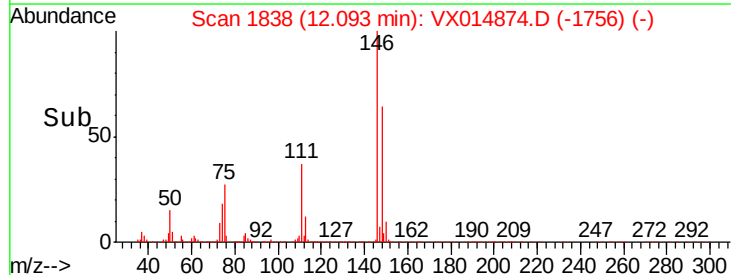
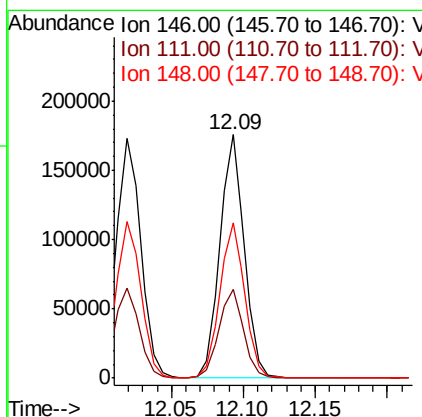
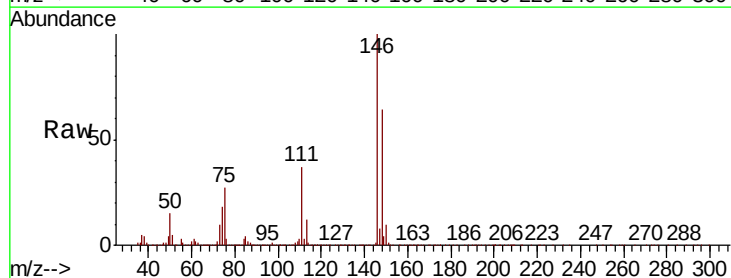
Instrument :
 MSVOA_X
 ClientSampled :

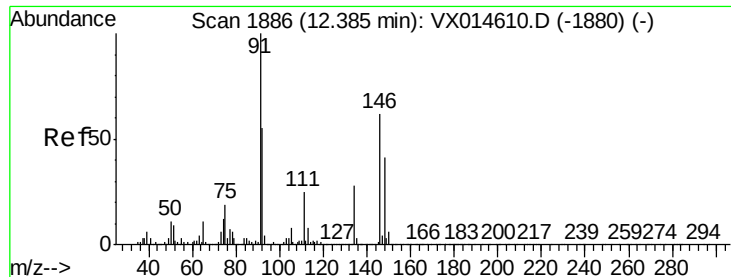
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.9
148	64.8	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 22.464 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.4
148	64.7	32.0	96.0





#85

n-Butylbenzene

Concen: 22.249 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

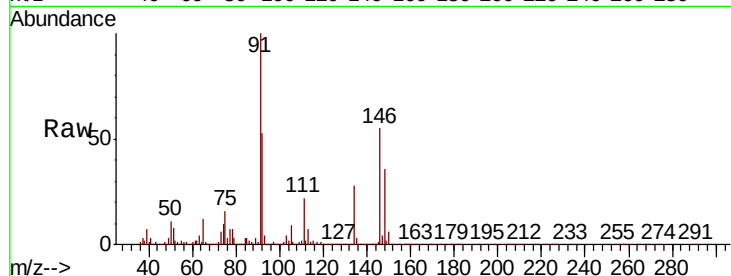
Tot Ion: 91 Resp: 348661

Ion Ratio Lower Upper

91 100

92 54.3 0.0 109.0

134 27.4 0.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014610.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX014610.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX014610.D (-1880) (-)

12.39

300000

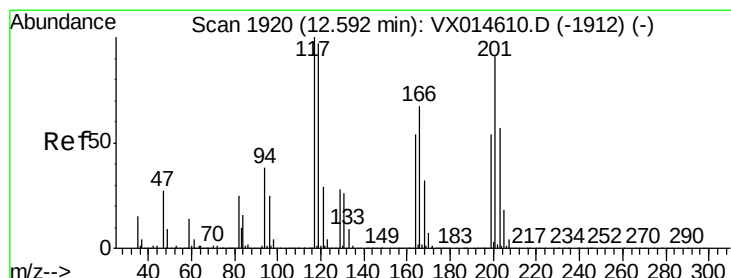
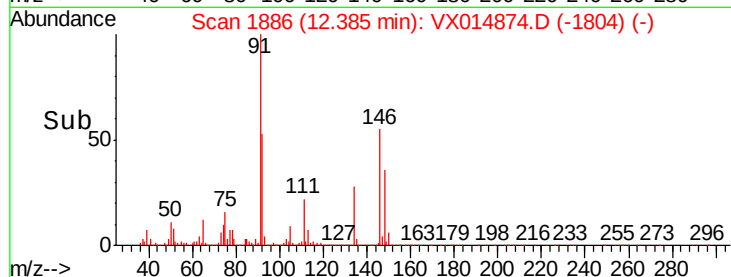
200000

100000

0

12.35 12.40 12.45

Time-->



#86

Hexachloroethane

Concen: 19.389 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014874.D

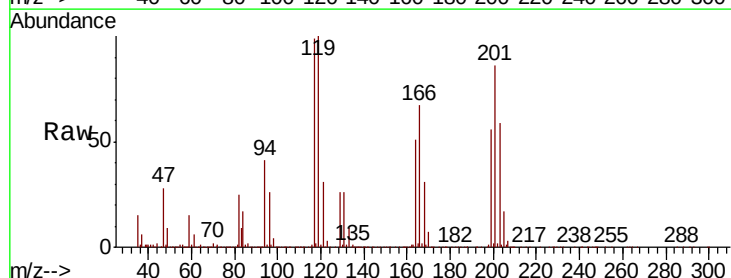
Acq: 07 Feb 2020 16:25

Tgt Ion: 117 Resp: 62271

Ion Ratio Lower Upper

117 100

201 89.2 44.8 134.3



Abundance Ion 117.00 (116.70 to 117.70): VX014610.D (-1912) (-)

Ion 201.00 (200.70 to 201.70): VX014610.D (-1912) (-)

12.59

50000

40000

30000

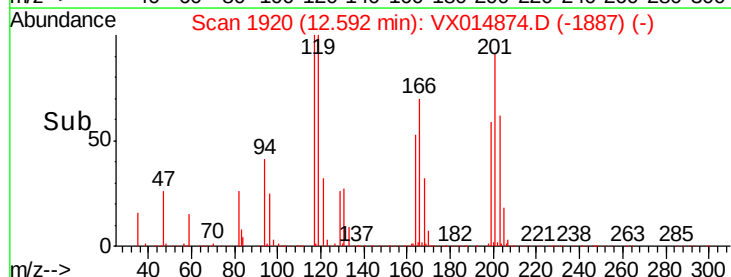
20000

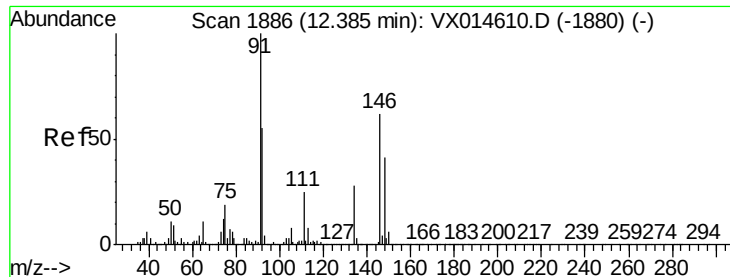
10000

0

12.55 12.60 12.65

Time-->

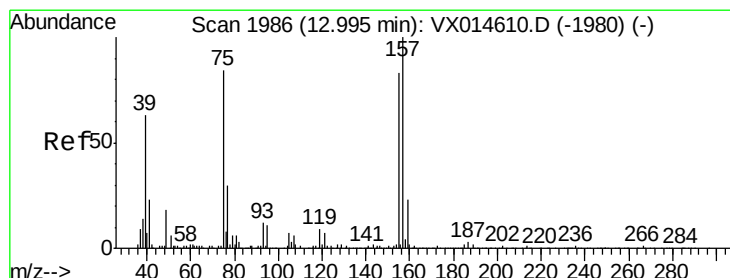
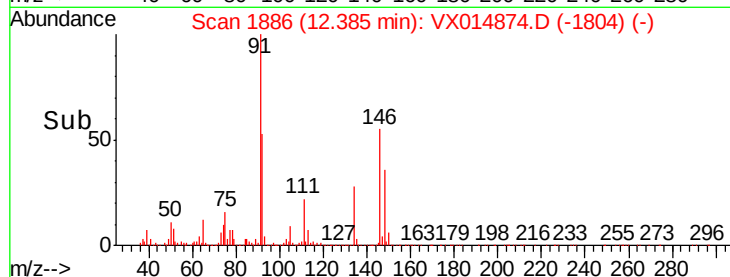
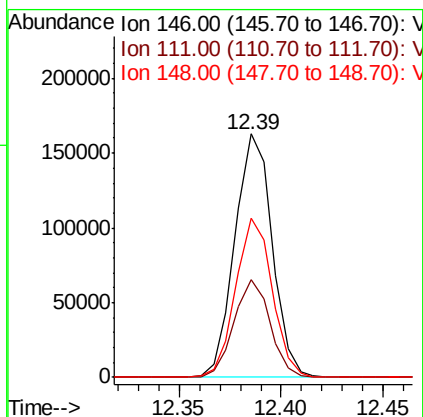
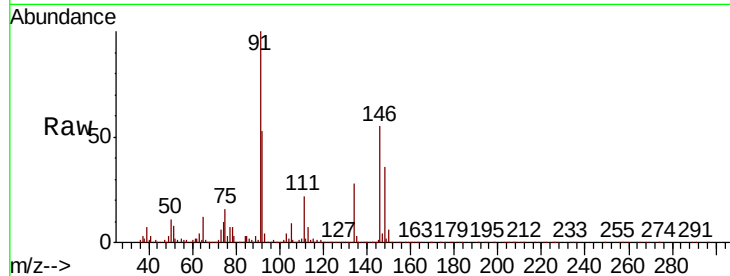




#87
 1,2-Dichlorobenzene
 Concen: 21.785 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

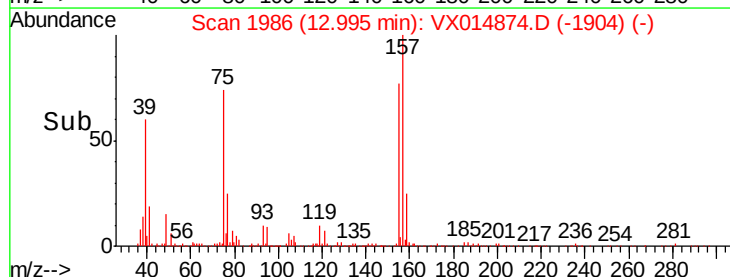
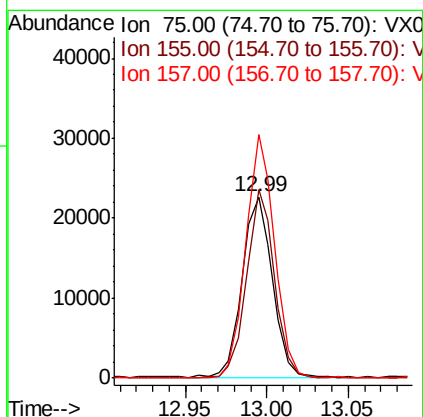
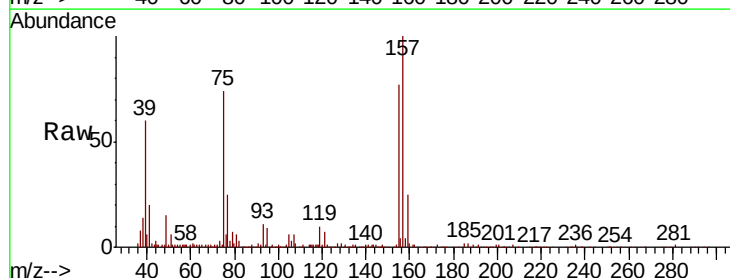
Instrument :
 MSVOA_X
 ClientSampled :

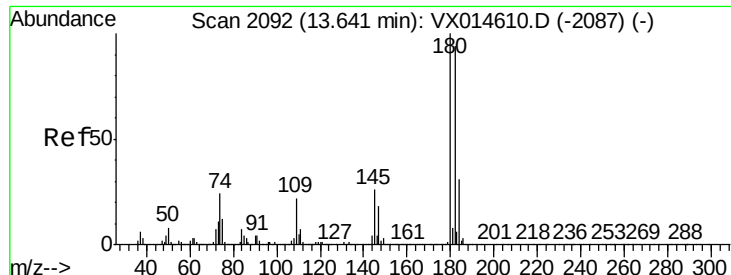
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.8	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.995 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	73.8	110.6
157	128.2	95.0	142.4

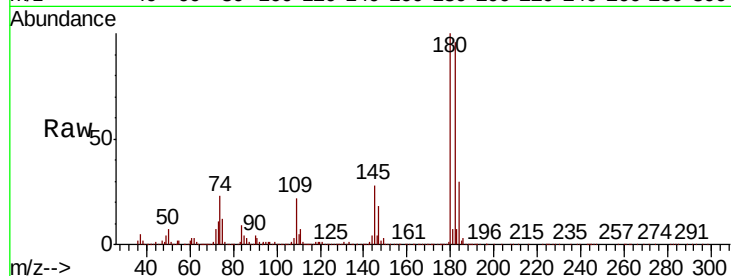




#89
 1,2,4-Trichlorobenzene
 Concen: 24.304 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.4	114.6
145	28.2	21.9	32.9

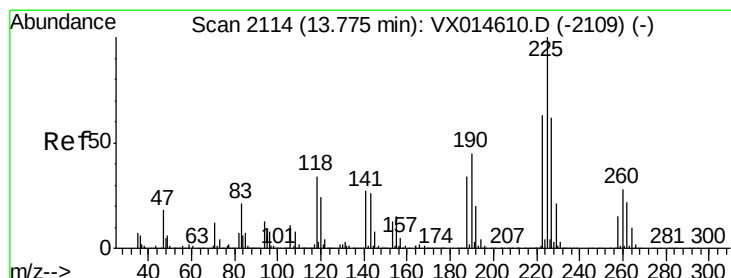
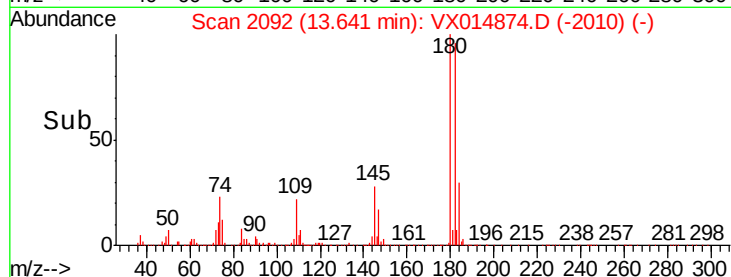
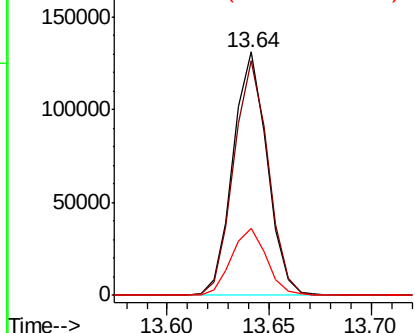


Abundance

Ion 180.00 (179.70 to 180.70): V

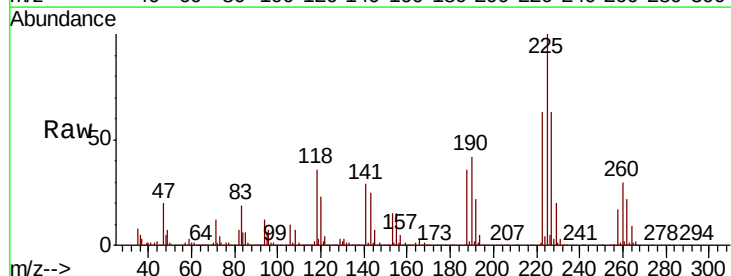
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 23.030 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	127.4
227	62.2	0.0	122.8

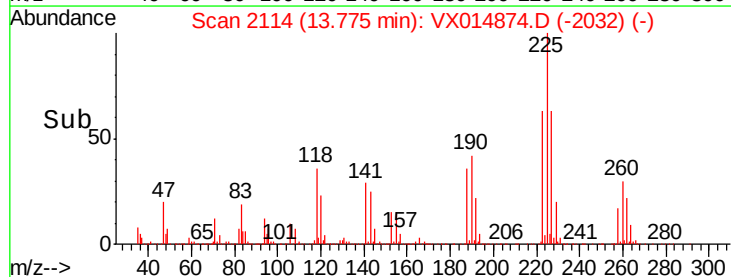
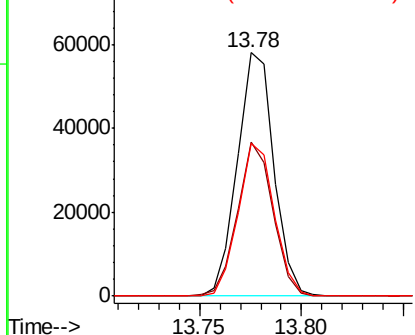


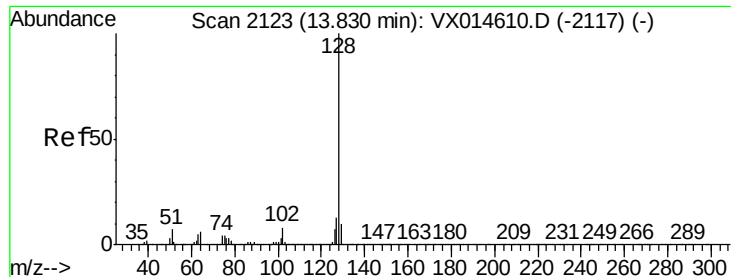
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

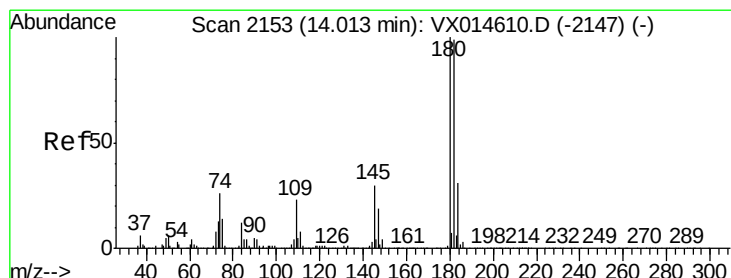
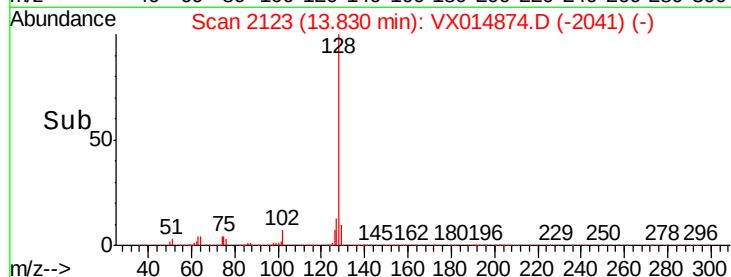
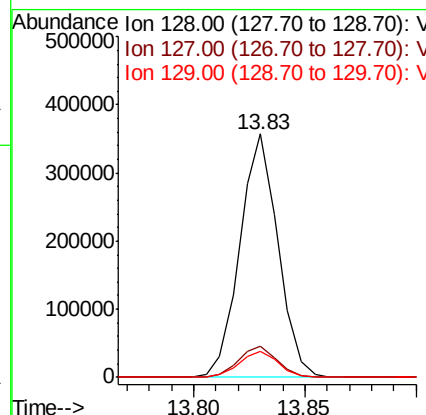
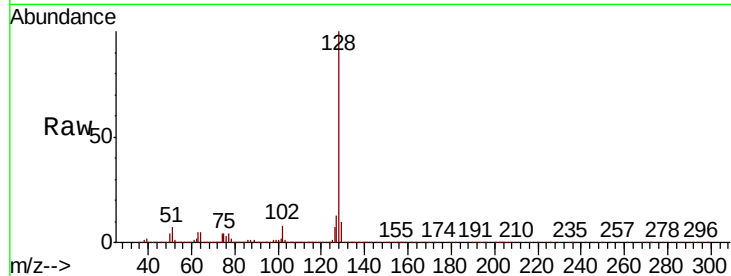




#91
Naphthalene
Concen: 22.491 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 23.375 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	192.8
145	30.1	0.0	60.0

