

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013779.D
 Acq On : 05 Dec 2019 16:12
 Operator : JC/SP
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Quant Time: Dec 06 02:20:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	113974	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	632614	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	570705	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	239575	28.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.90%
60) 4-Bromofluorobenzene	11.14	95	267279	29.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.13%
63) Toluene-d8	8.71	98	763381	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	147439	17.265	ug/l 99
3) Chloromethane	1.32	50	157962	16.973	ug/l 99
4) Vinyl Chloride	1.40	62	182573	17.264	ug/l 99
5) Bromomethane	1.63	94	94920	14.930	ug/l 100
6) Chloroethane	1.72	64	103399	17.787	ug/l 100
7) Trichlorofluoromethane	1.92	101	200273	17.591	ug/l 100
8) Diethyl Ether	2.18	74	93089	17.908	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120845	17.642	ug/l 99
10) 1,1-Dichloroethene	2.37	96	121048	17.197	ug/l 93
11) Methyl Iodide	2.50	142	124271	14.298	ug/l 99
12) Methyl Acetate	2.76	43	213294	17.293	ug/l 100
13) Acrolein	2.28	56	94466	72.101	ug/l 98
14) Acrylonitrile	3.13	53	371467	81.899	ug/l 99
15) Acetone	2.43	58	98811	71.930	ug/l 99
16) Carbon Disulfide	2.56	76	315847	16.087	ug/l 100
17) Allyl chloride	2.72	41	211873	16.345	ug/l 97
18) Methylene Chloride	2.85	84	142819	17.883	ug/l 95
19) trans-1,2-Dichloroethene	3.15	96	126679	16.839	ug/l 97
20) Diisopropyl ether	3.84	45	431823	17.315	ug/l 90
21) 1,1-Dichloroethane	3.69	63	235396	17.330	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	150389	17.534	ug/l 97
23) tert-Butyl Alcohol	3.03	59	170325	78.031	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	409838	17.592	ug/l 100
25) Chloroform	5.20	83	230947	17.370	ug/l 100
26) Cyclohexane	5.57	56	209089	16.951	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	170682	17.664	ug/l 99
30) 2-Butanone	4.66	43	521409	81.754	ug/l 99
31) 2,2-Dichloropropane	4.58	77	181635	17.357	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	195515	18.205	ug/l 99
33) Carbon Tetrachloride	5.78	117	167146	17.918	ug/l 98
34) Benzene	6.14	78	536418	18.303	ug/l 100
35) Methacrylonitrile	5.03	41	109822	17.243	ug/l 96
36) 1,2-Dichloroethane	6.18	62	188200	18.346	ug/l 99
37) Trichloroethene	7.21	130	143772	18.311	ug/l 95
38) Methylcyclohexane	7.46	83	207910	17.549	ug/l 99
39) 1,2-Dichloropropane	7.51	63	133607	17.631	ug/l 98
40) Dibromomethane	7.66	93	90624	17.969	ug/l 98

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1205WBSD01

Quant Time: Dec 06 02:20:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	177704	18.050	ug/l	98
42) Vinyl Acetate	3.80	43	1788033	89.047	ug/l	100
43) Ethyl Acetate	4.82	43	205549	17.671	ug/l	98
44) Isopropyl Acetate	6.43	43	323996	17.328	ug/l	99
45) 1,4-Dioxane	7.73	88	70324	340.657	ug/l	97
46) Methyl methacrylate	7.76	41	161136	17.325	ug/l	100
47) n-amyl Acetate	10.89	43	278805	16.999	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	191850	17.378	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	212025	17.528	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	138343	18.537	ug/l	99
51) Ethyl methacrylate	9.17	69	220676	17.960	ug/l	99
52) 1,3-Dichloropropane	9.37	76	234894	18.412	ug/l	99
53) Dibromochloromethane	9.57	129	141716	17.917	ug/l	97
54) 1,2-Dibromoethane	9.67	107	146143	18.314	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	442698	84.320	ug/l	99
56) Bromoform	10.85	173	108386	17.219	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1044238	87.588	ug/l	99
59) 2-Hexanone	9.48	43	793377	84.105	ug/l	99
61) Tetrachloroethene	9.33	164	130238	18.506	ug/l	98
62) Toluene	8.78	91	581310	18.286	ug/l	99
64) Chlorobenzene	10.14	112	363149	18.270	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	131839	17.720	ug/l	98
66) Ethyl Benzene	10.25	91	631310	18.077	ug/l	99
67) m/p-Xylenes	10.35	106	485602	36.046	ug/l	99
68) o-Xylene	10.70	106	234845	18.063	ug/l	99
69) Styrene	10.71	104	398300	17.941	ug/l	100
70) Isopropylbenzene	11.01	105	620921	18.125	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	220878	18.007	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	240741	23.244	ug/l	78
73) Bromobenzene	11.25	156	159754	17.683	ug/l	99
74) n-propylbenzene	11.35	91	694557	17.840	ug/l	99
75) 2-Chlorotoluene	11.42	91	419909	18.137	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	518007	17.989	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	66249	15.819	ug/l	96
78) 4-Chlorotoluene	11.51	91	471109	17.761	ug/l	100
79) tert-butylbenzene	11.77	119	524997	18.070	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	516499	17.999	ug/l	100
81) sec-Butylbenzene	11.94	105	601699	18.152	ug/l	99
82) p-Isopropyltoluene	12.06	119	544420	17.826	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	279982	17.627	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	278362	17.655	ug/l	100
85) n-Butylbenzene	12.38	91	441729	16.758	ug/l	99
86) Hexachloroethane	12.59	117	97352	17.370	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	284831	17.933	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	45963	16.755	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	187647	17.135	ug/l	100
90) Hexachlorobutadiene	13.77	225	88551	16.874	ug/l	97
91) Naphthalene	13.83	128	592187	17.079	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	185640	16.774	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Quant Time: Dec 06 02:20:31 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

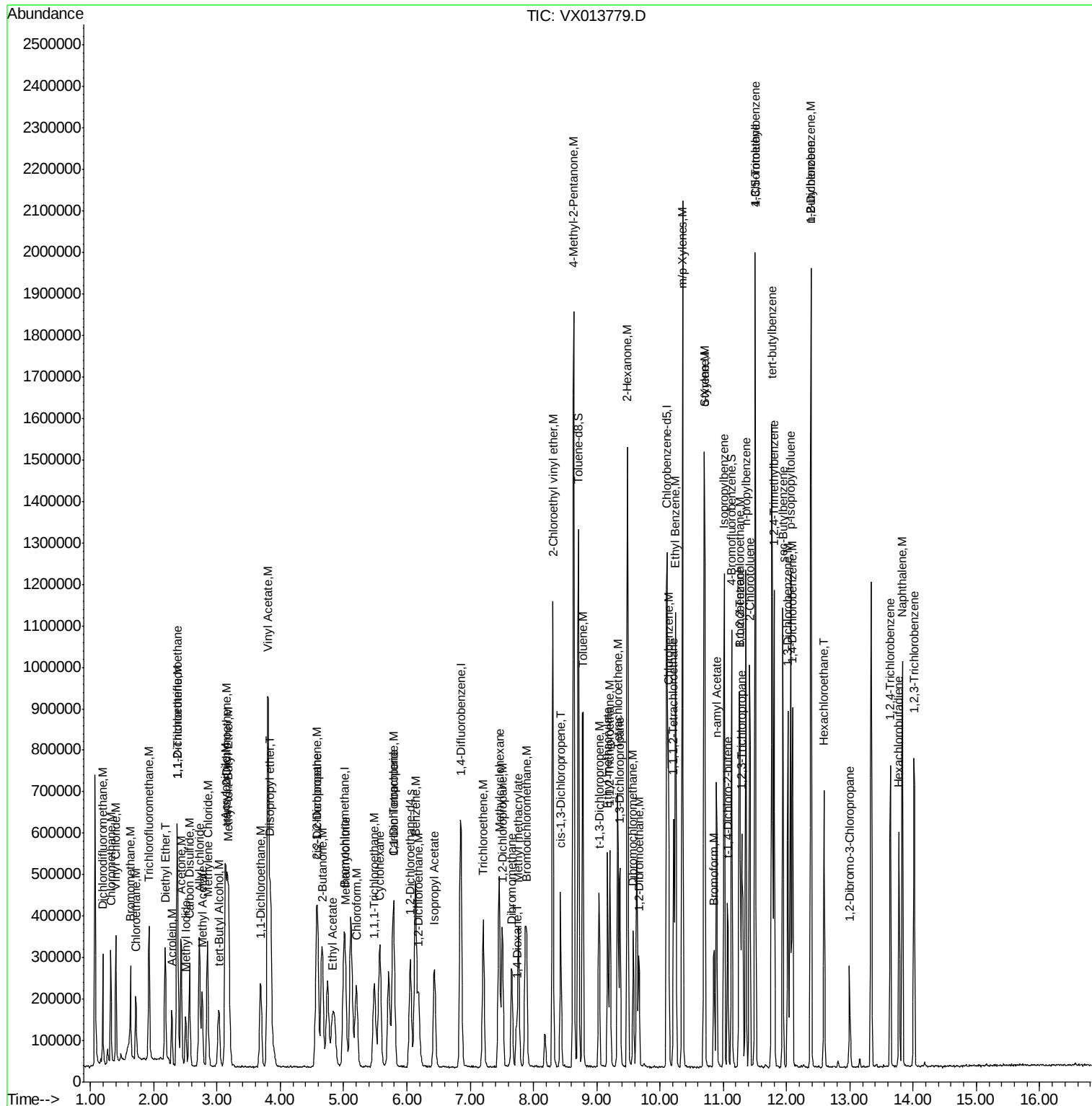
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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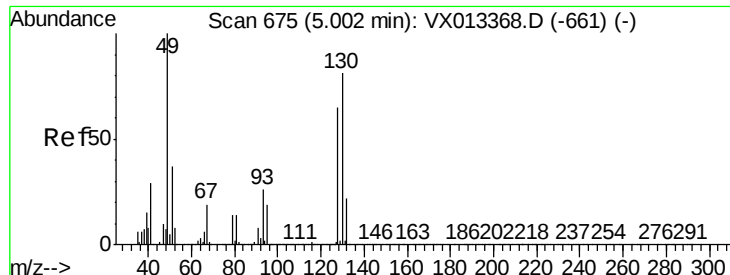
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120519\
Data File : VX013779.D
Acq On : 05 Dec 2019 16:12
Operator : JC/SP
Sample : VX1205WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX1205WBSD01

Quant Time: Dec 06 02:20:31 2019
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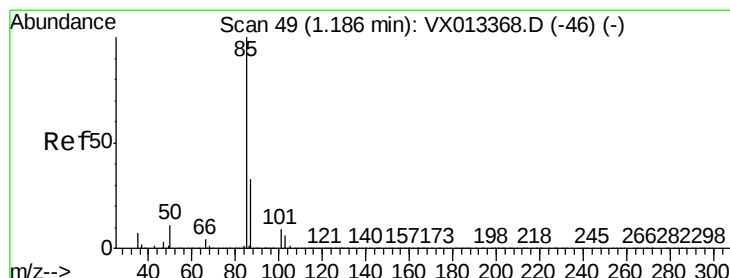
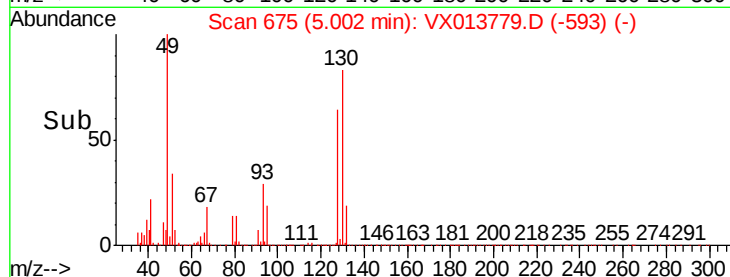
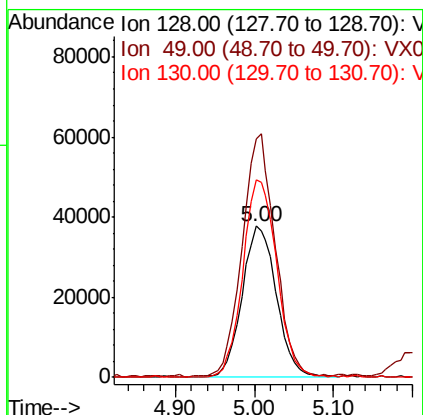
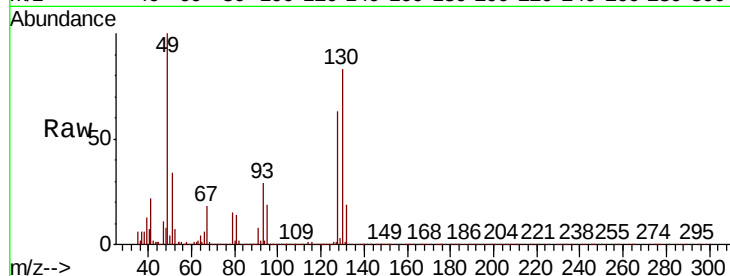




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

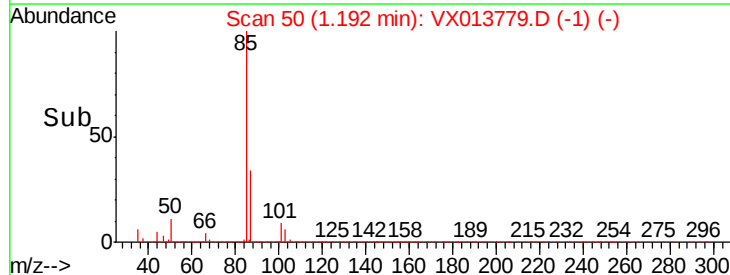
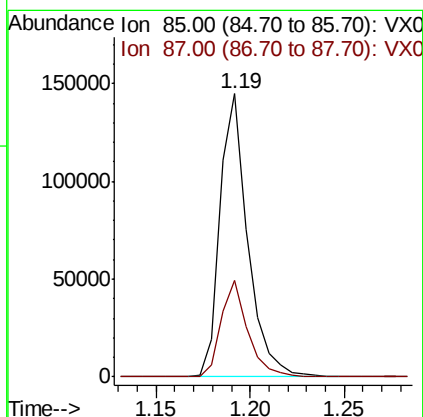
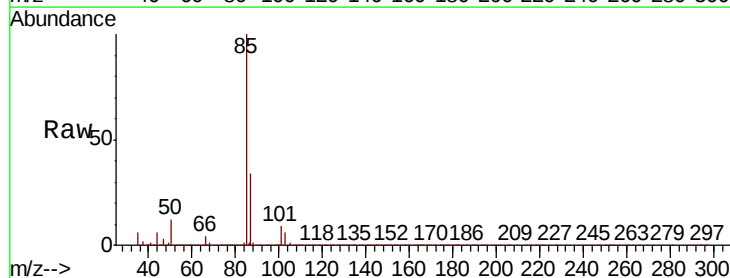
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

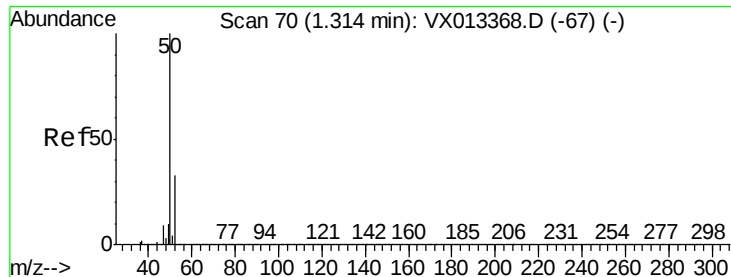
Tot Ion:128 Resp: 113974
Ion Ratio Lower Upper
128 100
49 153.1 0.0 388.3
130 129.0 0.0 318.5



#2
Dichlorodifluoromethane
Concen: 17.265 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 85 Resp: 147439
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.7





#3

Chloromethane

Concen: 16.973 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

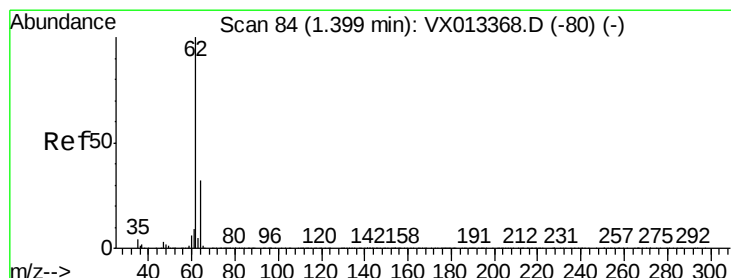
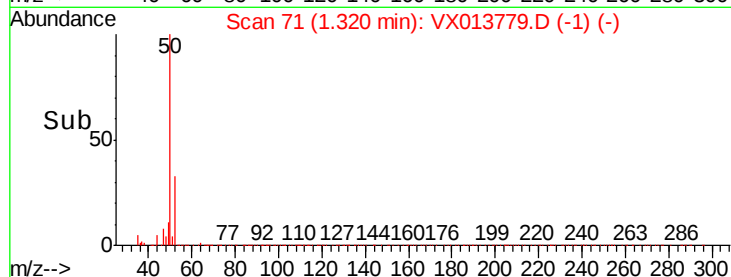
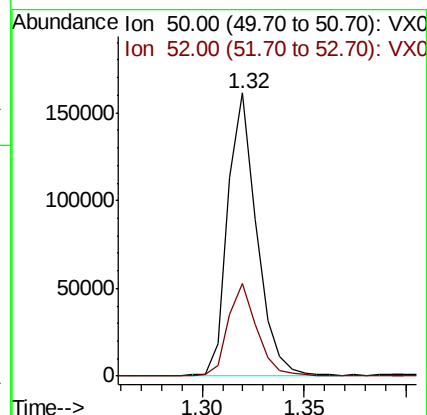
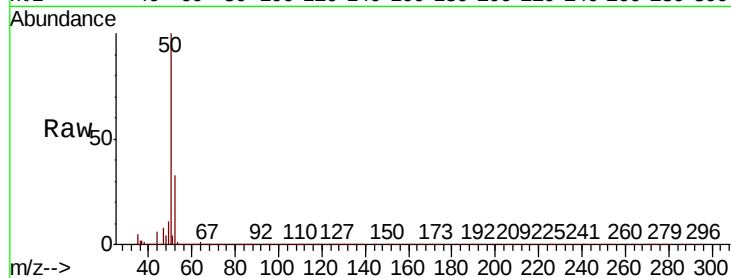
VX1205WBSD01

Tot Ion: 50 Resp: 157962

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 17.264 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013779.D

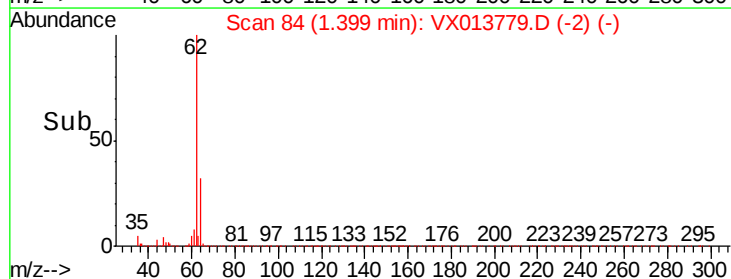
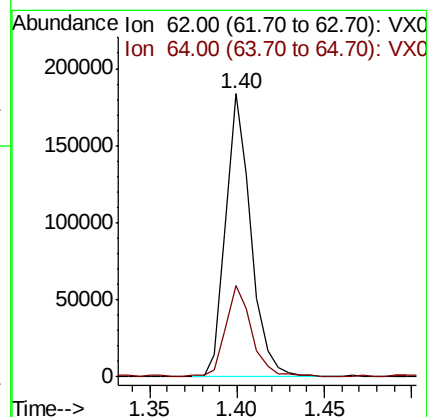
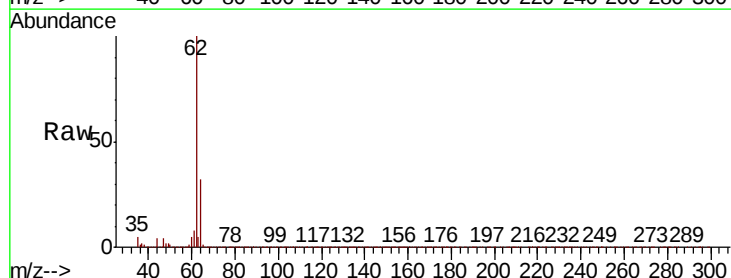
Acq: 05 Dec 2019 16:12

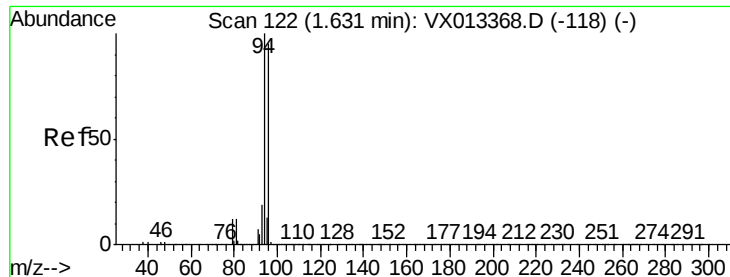
Tgt Ion: 62 Resp: 182573

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 14.930 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

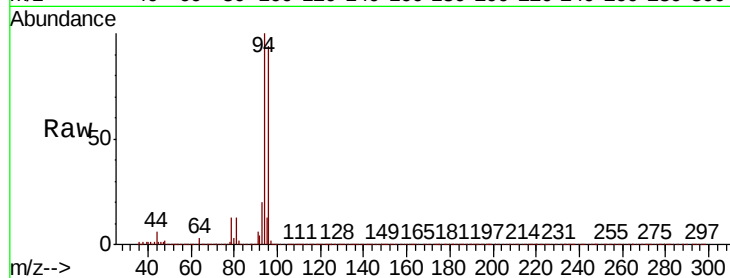
VX1205WBSD01

Tot Ion: 94 Resp: 94920

Ion Ratio Lower Upper

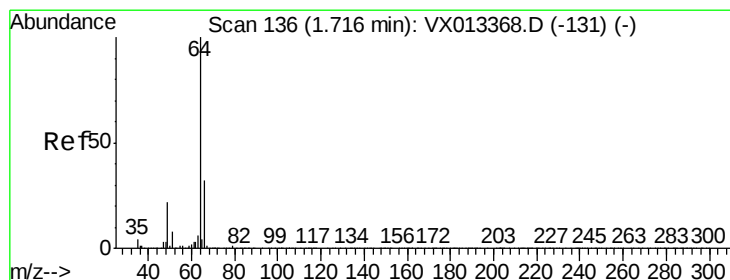
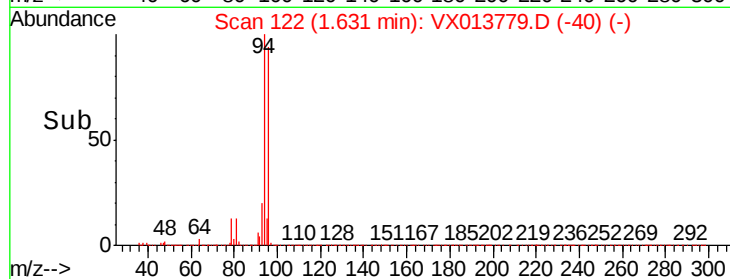
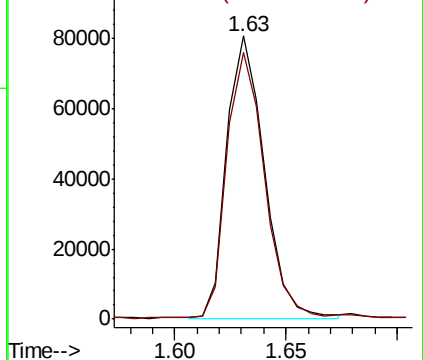
94 100

96 94.4 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.787 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013779.D

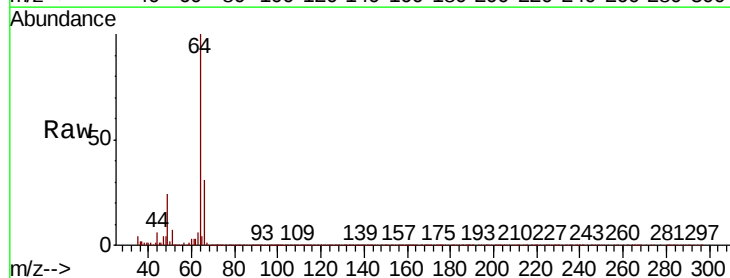
Acq: 05 Dec 2019 16:12

Tgt Ion: 64 Resp: 103399

Ion Ratio Lower Upper

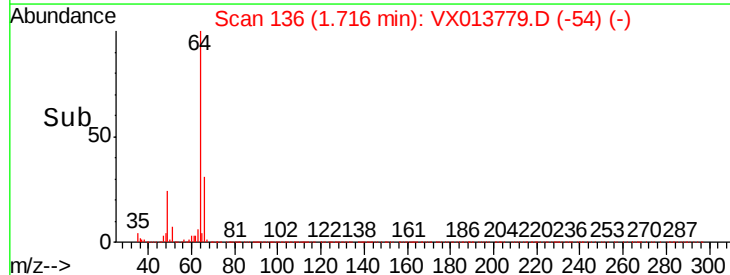
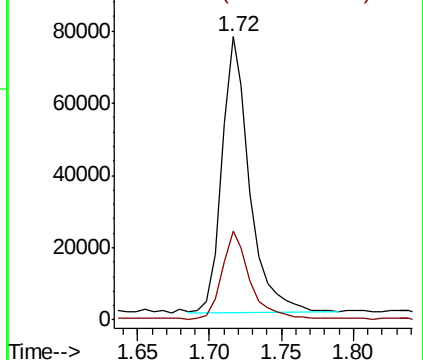
64 100

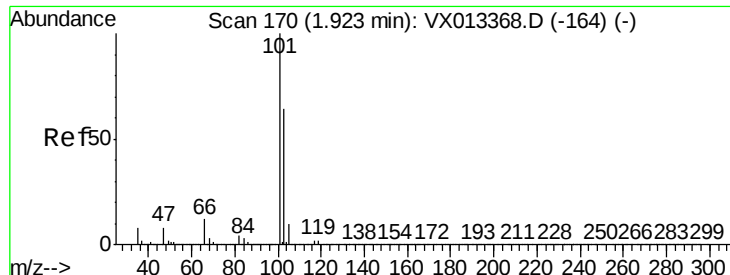
66 31.8 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



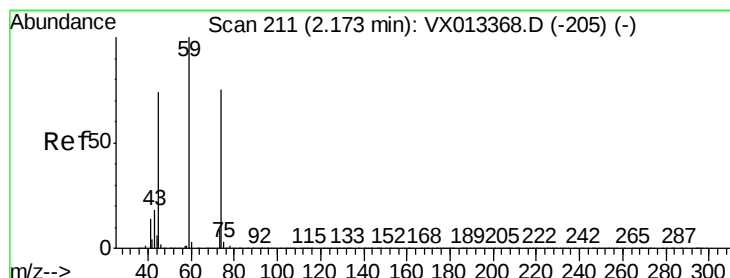
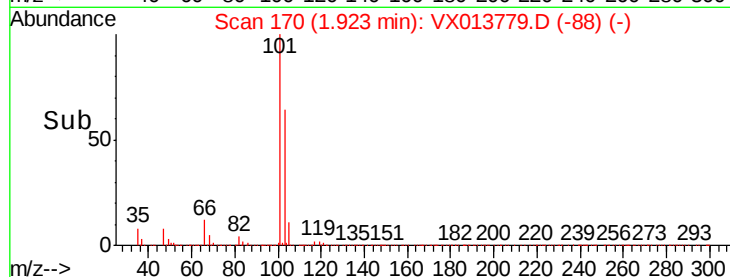
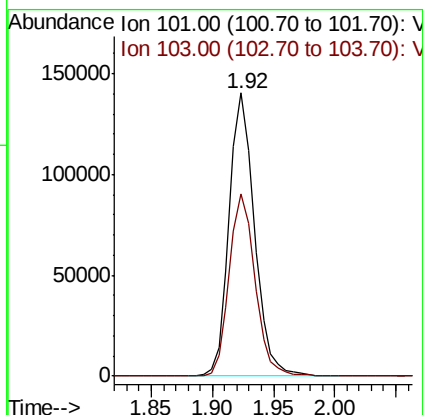
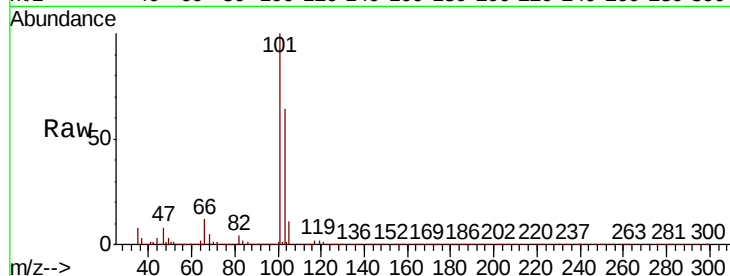


#7

Trichlorofluoromethane
Concen: 17.591 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

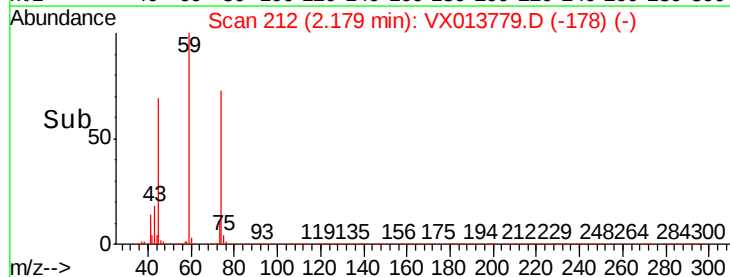
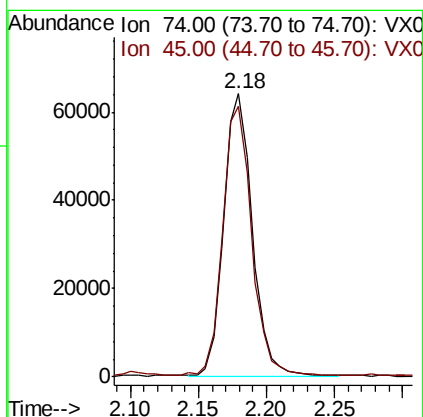
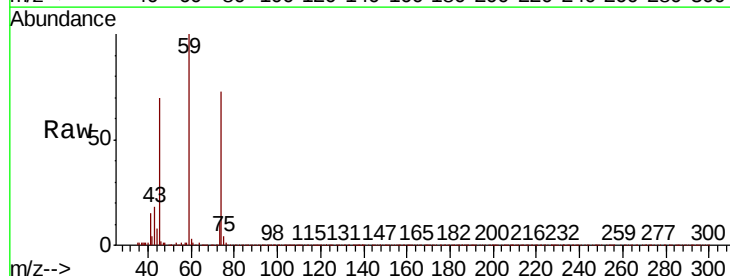
Tot Ion:101 Resp: 200273
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

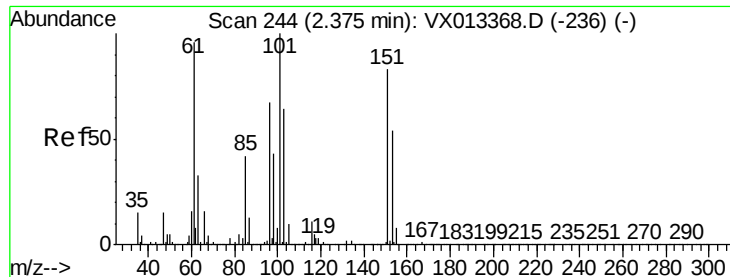


#8

Diethyl Ether
Concen: 17.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 74 Resp: 93089
Ion Ratio Lower Upper
74 100
45 97.6 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.642 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

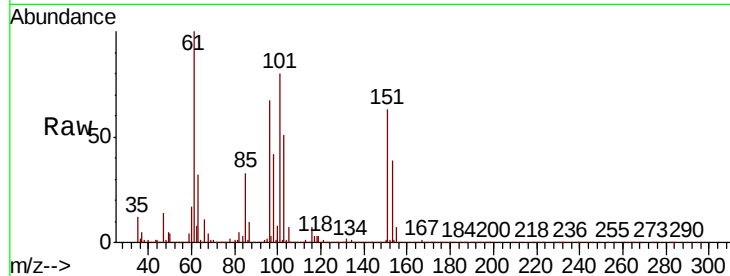
Tot Ion:101 Resp: 120845

Ion Ratio Lower Upper

101 100

85 42.6 0.0 83.2

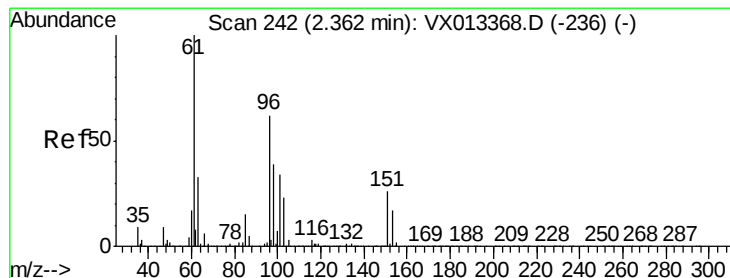
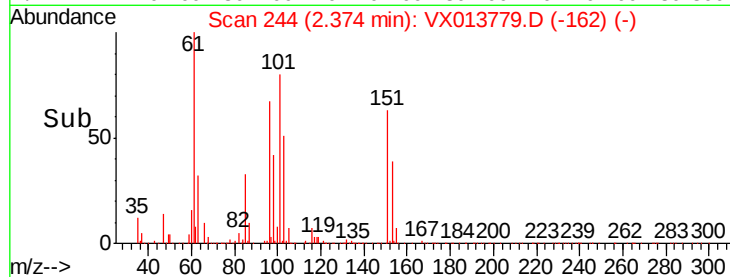
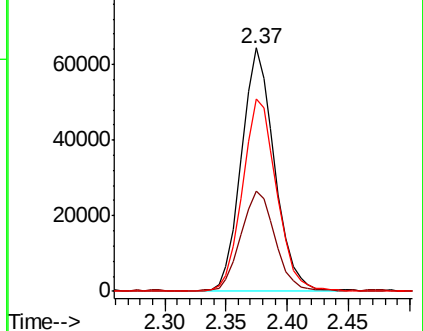
151 81.4 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.197 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

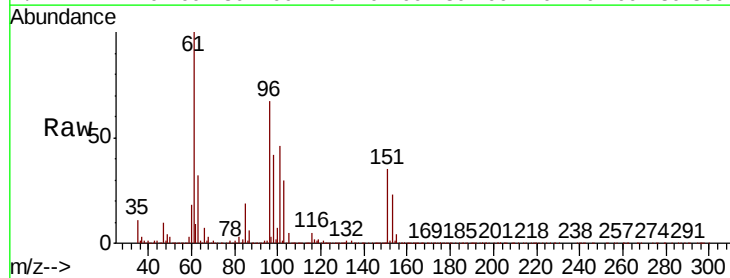
Tgt Ion: 96 Resp: 121048

Ion Ratio Lower Upper

96 100

61 149.3 128.9 193.3

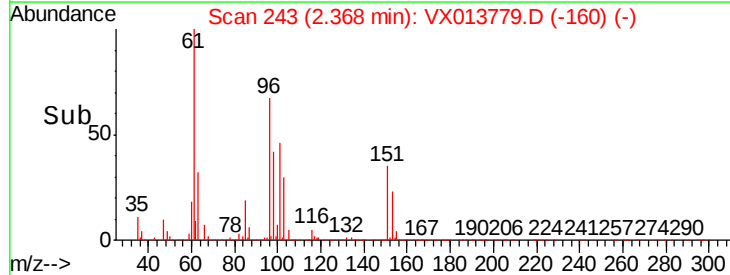
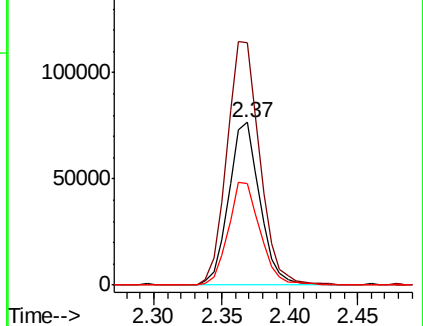
98 62.7 49.7 74.5

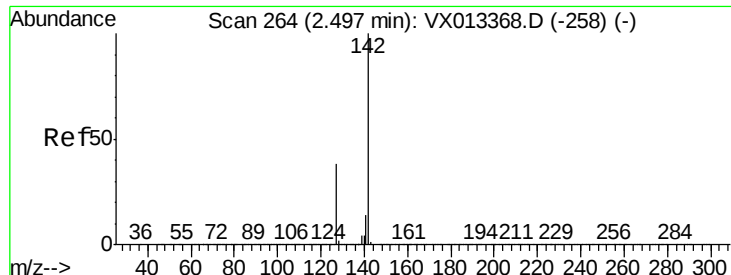


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

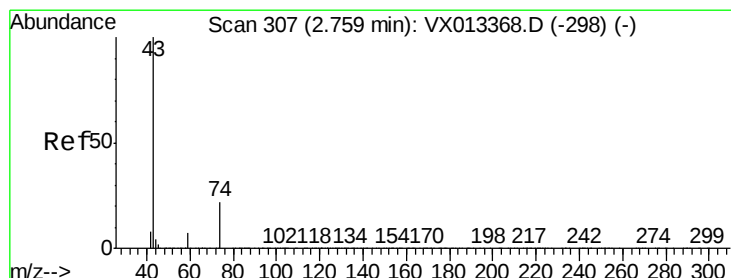
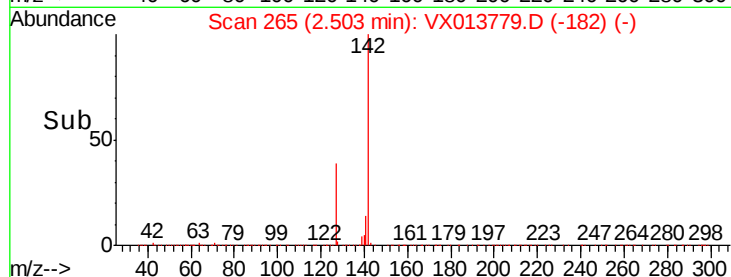
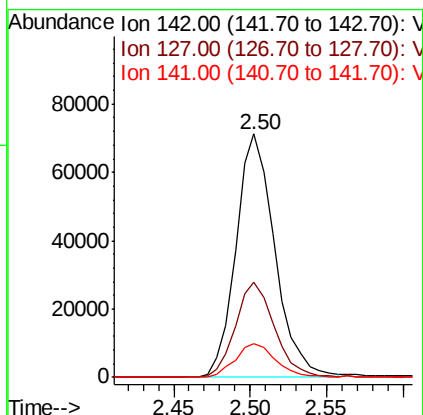
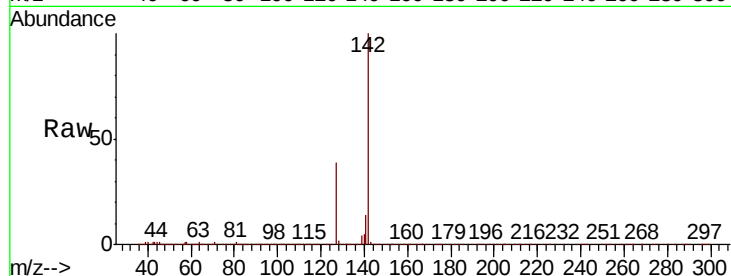




#11
Methyl Iodide
Concen: 14.298 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

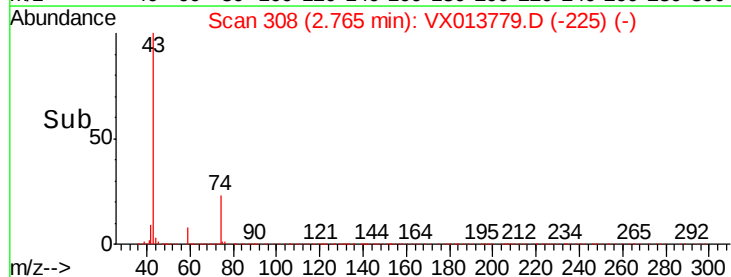
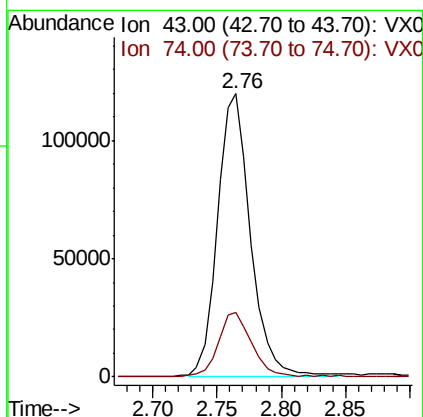
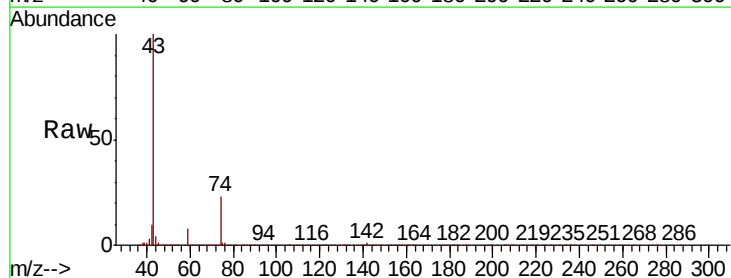
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

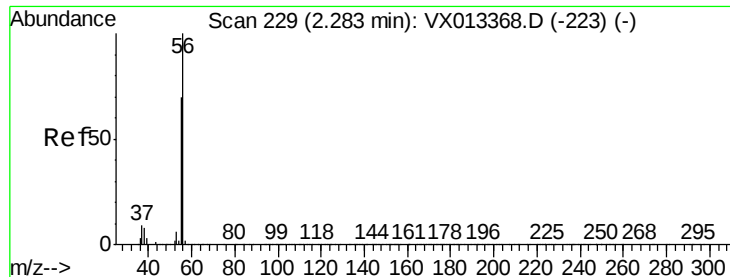
Tot Ion:142 Resp: 124271
Ion Ratio Lower Upper
142 100
127 38.8 19.1 57.5
141 13.6 7.0 21.0



#12
Methyl Acetate
Concen: 17.293 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 43 Resp: 213294
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





#13

Acrolein

Concen: 72.101 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

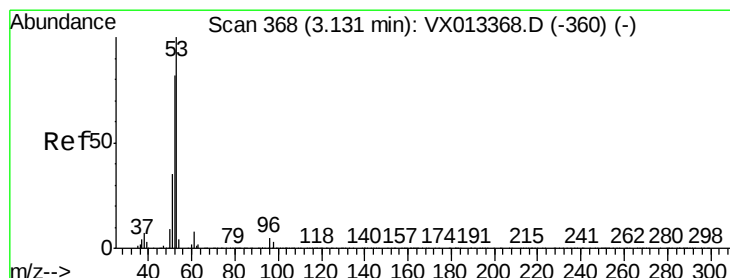
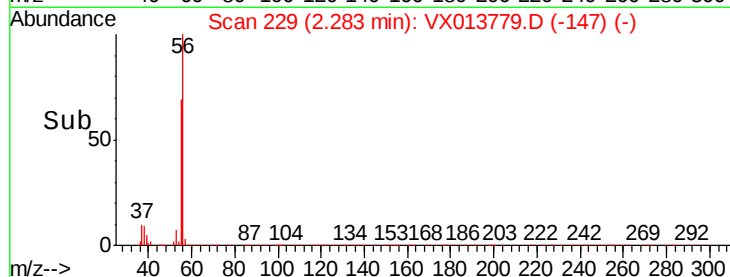
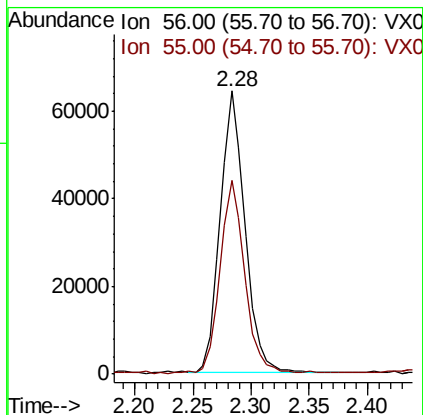
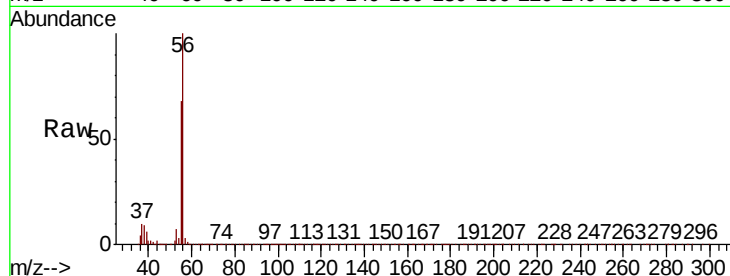
VX1205WBSD01

Tot Ion: 56 Resp: 94466

Ion Ratio Lower Upper

56 100

55 68.1 55.8 83.8



#14

Acrylonitrile

Concen: 81.899 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

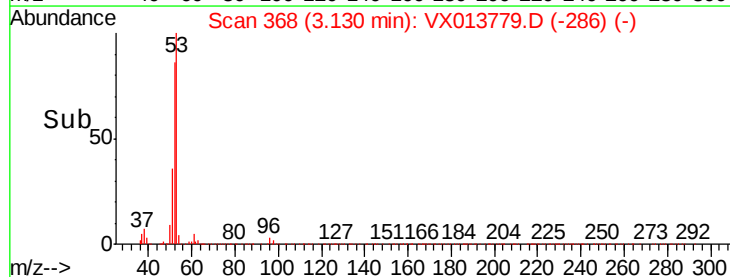
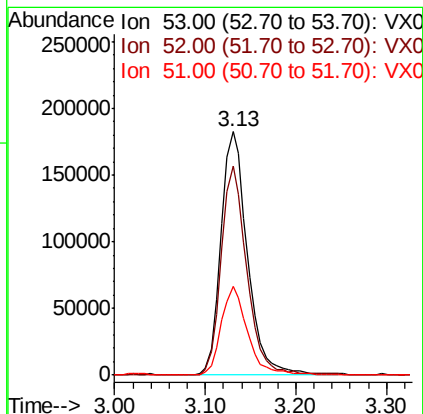
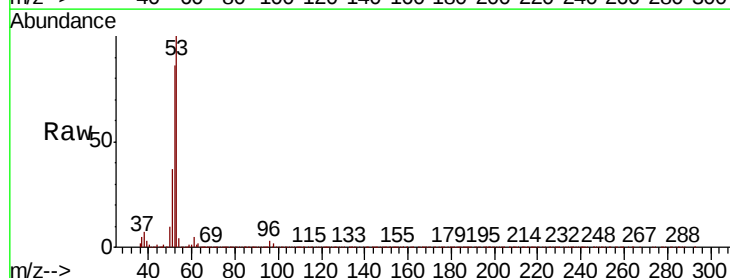
Tgt Ion: 53 Resp: 371467

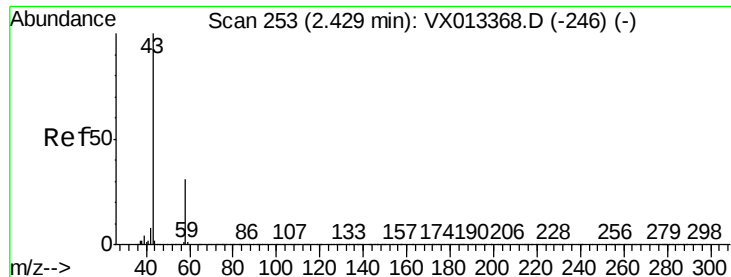
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.0

51 35.8 17.3 51.9





#15

Acetone

Concen: 71.930 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

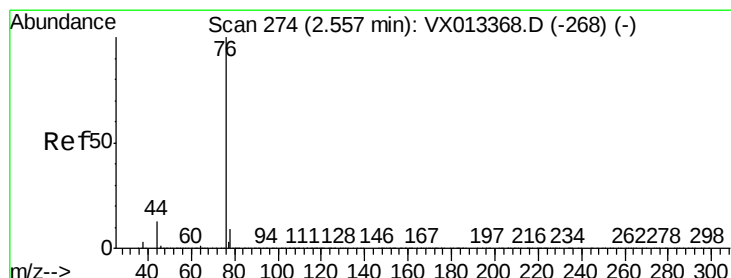
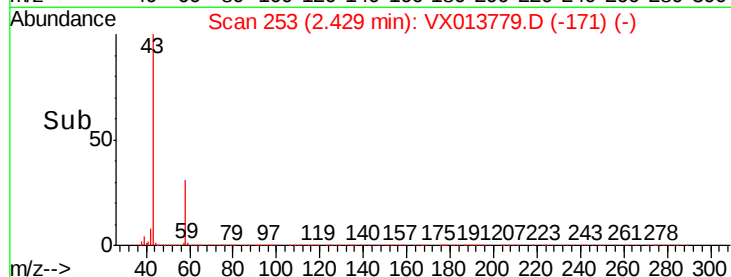
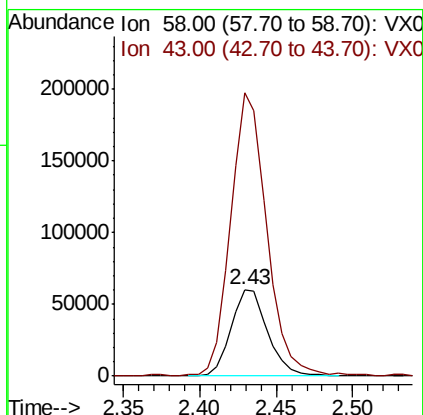
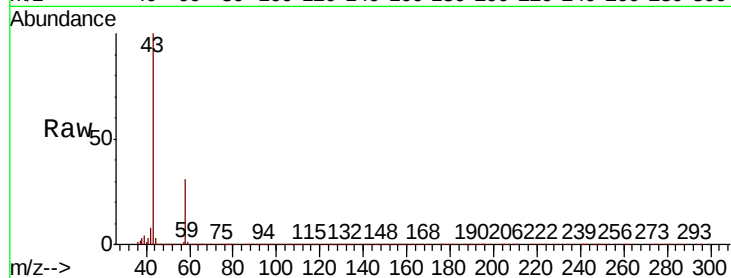
VX1205WBSD01

Tot Ion: 58 Resp: 98811

Ion Ratio Lower Upper

58 100

43 325.5 261.4 392.2



#16

Carbon Disulfide

Concen: 16.087 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013779.D

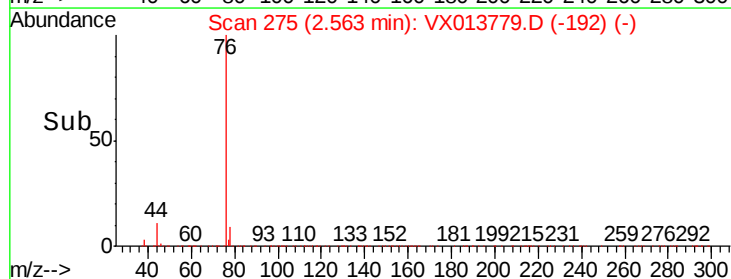
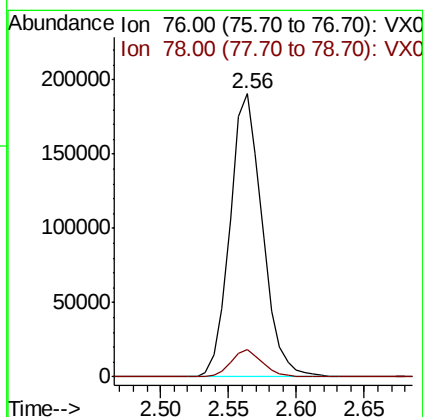
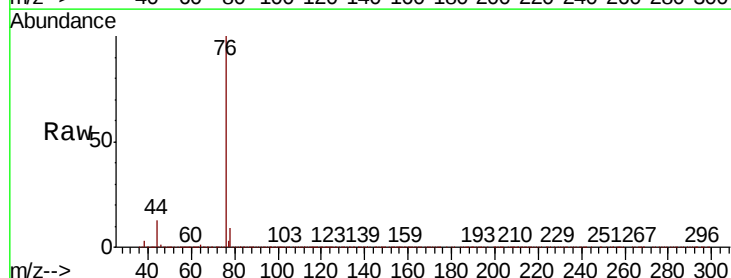
Acq: 05 Dec 2019 16:12

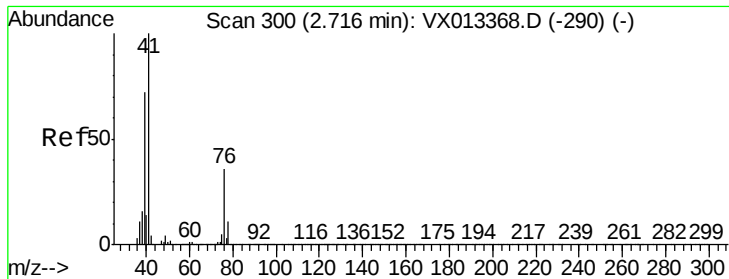
Tgt Ion: 76 Resp: 315847

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

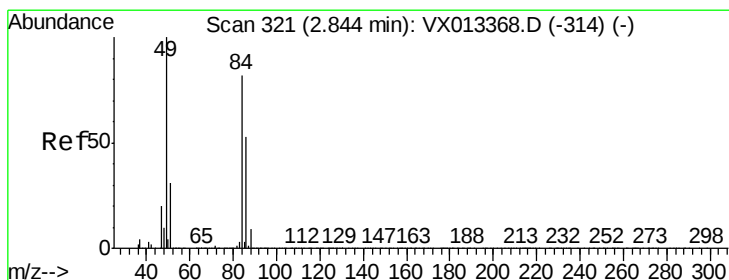
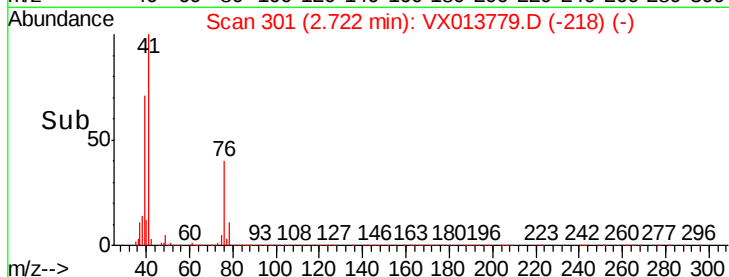
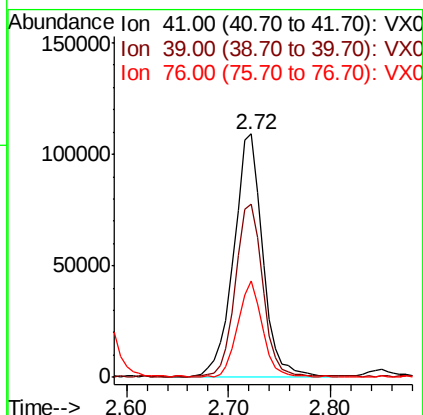
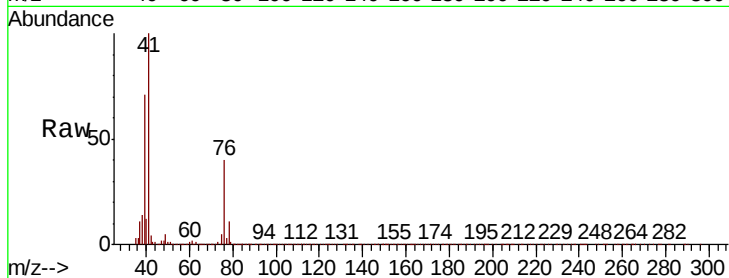




#17
Allvl chloride
Concen: 16.345 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

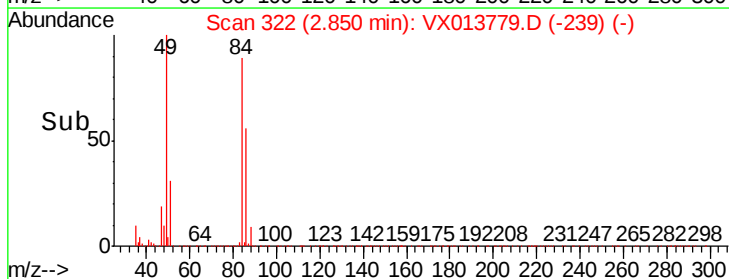
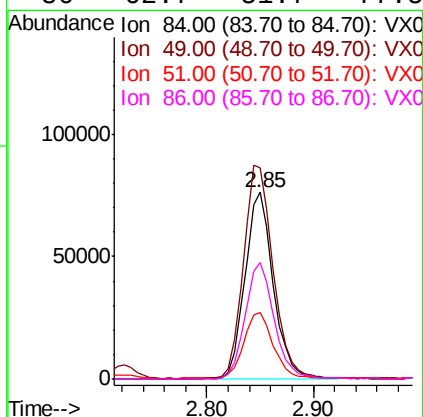
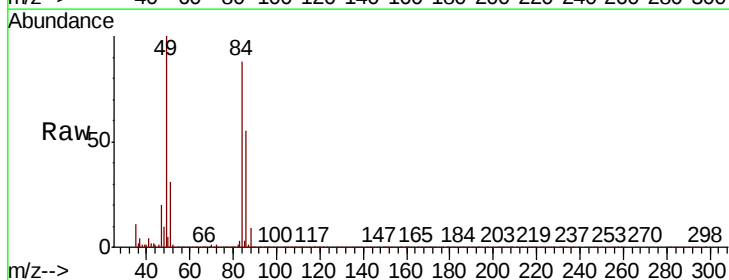
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

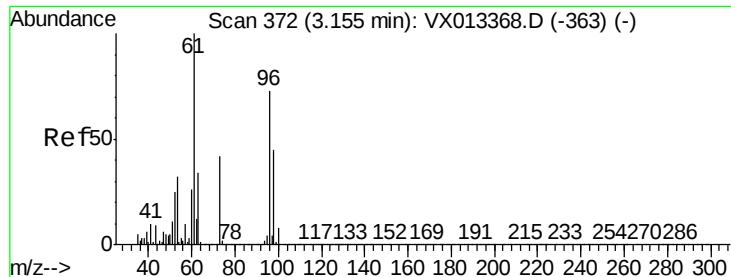
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.1	36.1	108.3
76	39.5	18.1	54.4



#18
Methylene Chloride
Concen: 17.883 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	96.8	145.2
51	35.0	30.0	45.0
86	62.7	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 16.839 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

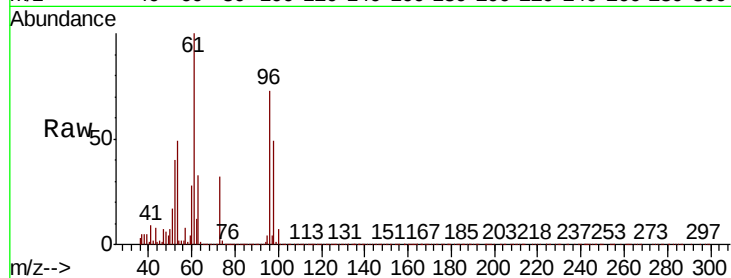
Tot Ion: 96 Resp: 126679

Ion Ratio Lower Upper

96 100

61 136.7 109.9 164.9

98 67.4 49.7 74.5

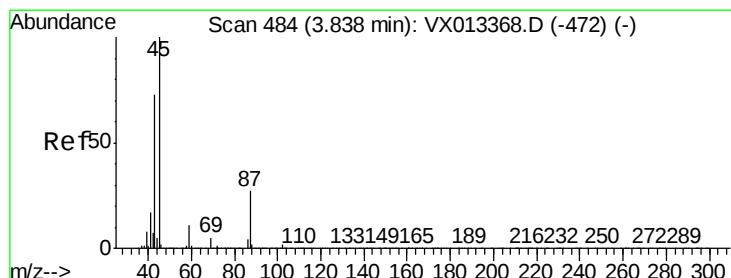
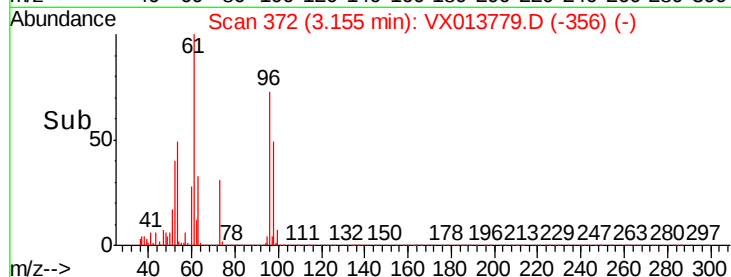
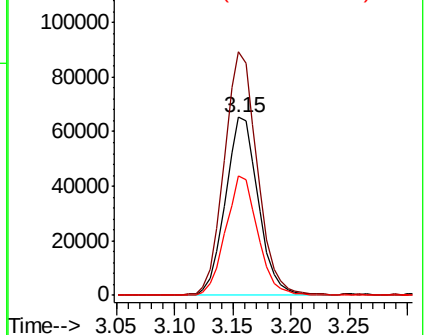


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.315 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion: 45 Resp: 431823

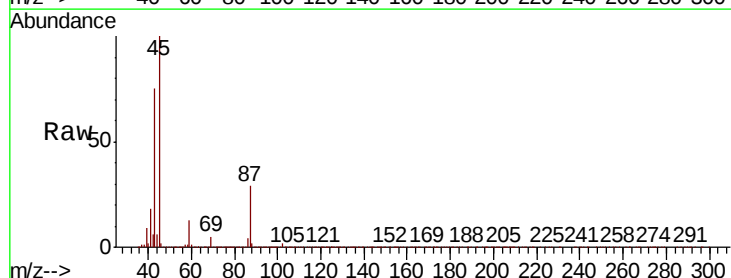
Ion Ratio Lower Upper

45 100

43 73.2 67.7 101.5

87 29.2 21.5 32.3

59 12.5 8.5 12.7



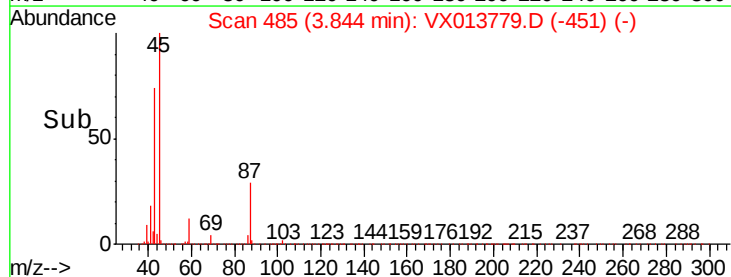
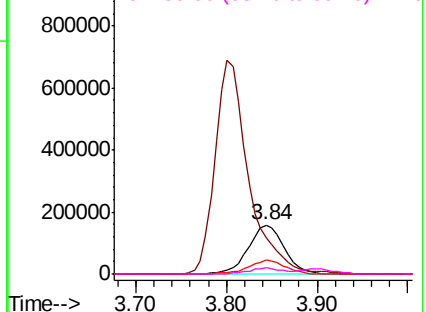
Abundance

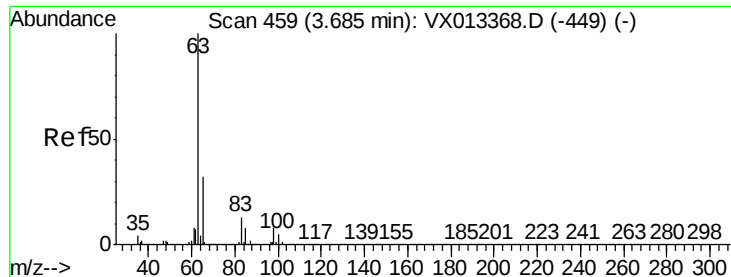
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

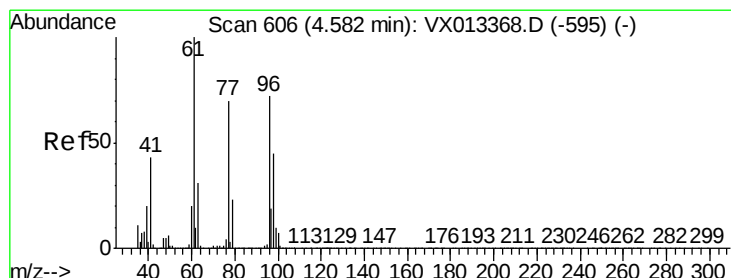
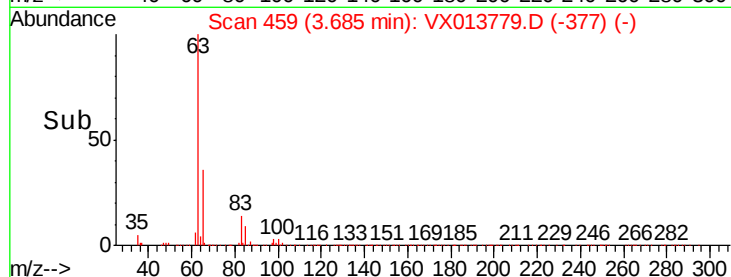
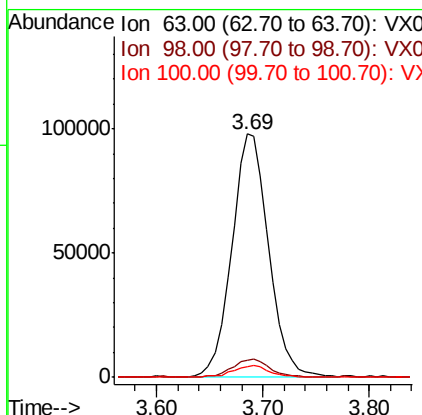
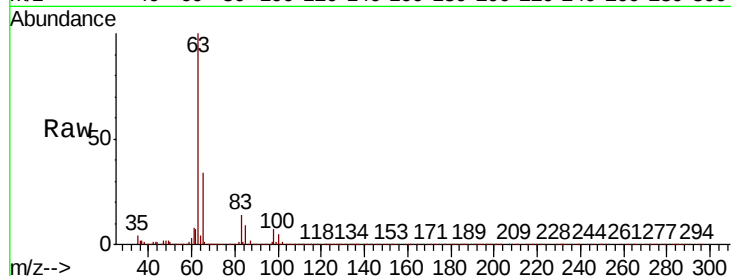




#21
 1,1-Dichloroethane
 Concen: 17.330 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

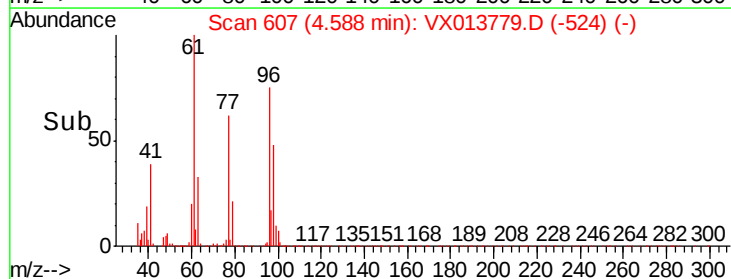
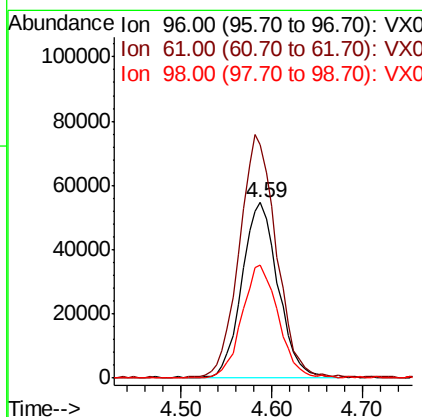
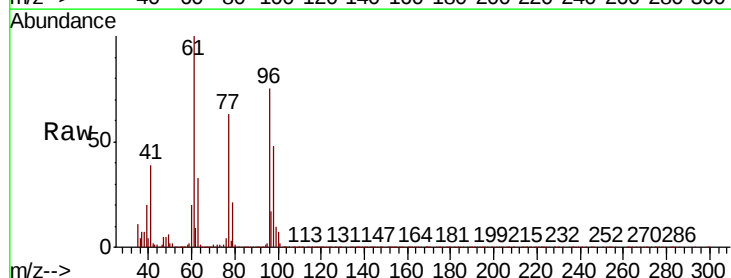
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

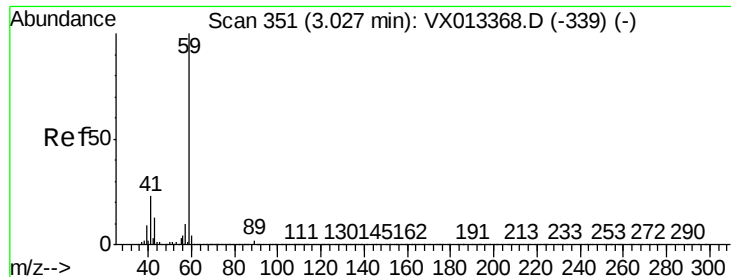
Tot Ion:	63	Resp:	235396
Ion	Ratio	Lower	Upper
63	100		
98	7.2	4.0	11.9
100	4.4	2.5	7.5



#22
 cis-1,2-Dichloroethene
 Concen: 17.534 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion:	96	Resp:	150389
Ion	Ratio	Lower	Upper
96	100		
61	140.8	117.0	175.6
98	64.1	51.1	76.7





#23

tert-Butyl Alcohol

Concen: 78.031 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

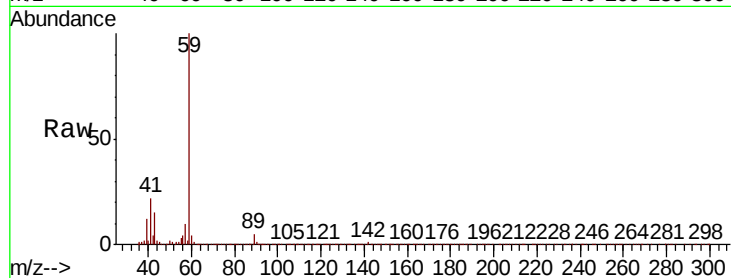
VX1205WBSD01

Tot Ion: 59 Resp: 170325

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

150000

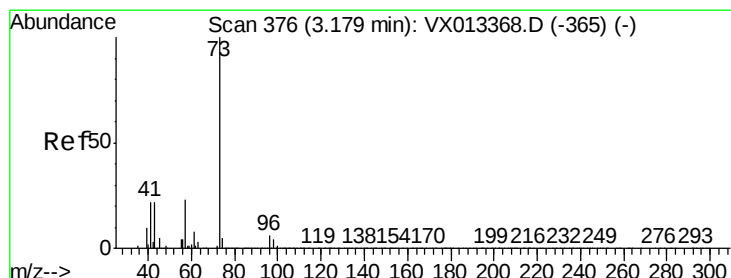
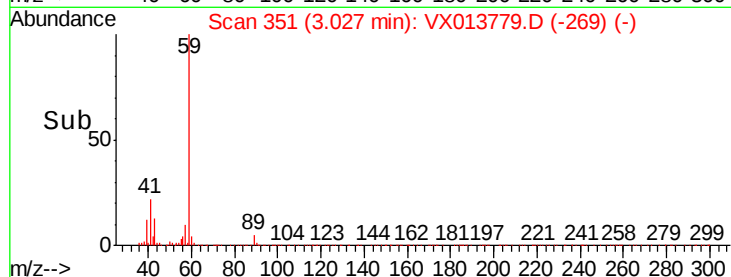
100000

50000

0

3.03

Time-->



#24

Methyl tert-Butyl Ether

Concen: 17.592 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX013779.D

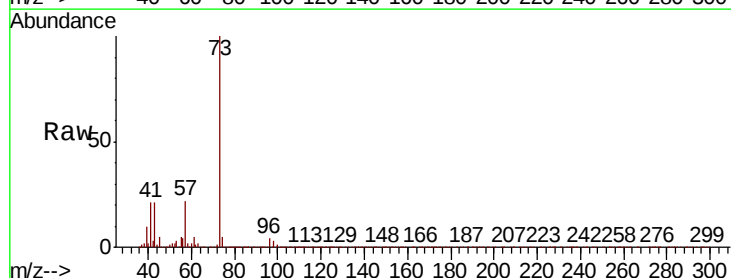
Acq: 05 Dec 2019 16:12

Tgt Ion: 73 Resp: 409838

Ion Ratio Lower Upper

73 100

43 21.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

200000

150000

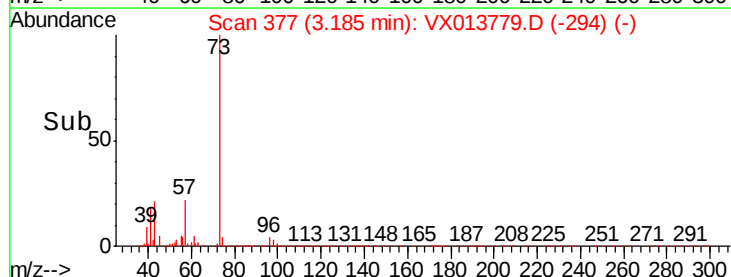
100000

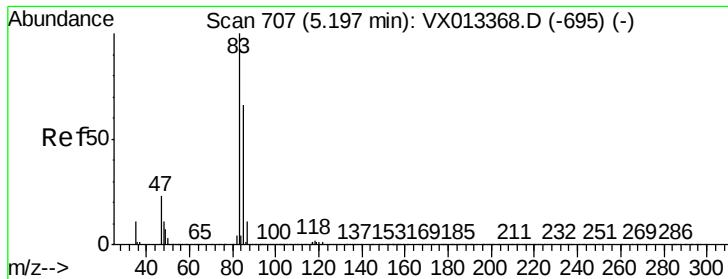
50000

0

3.19

Time-->

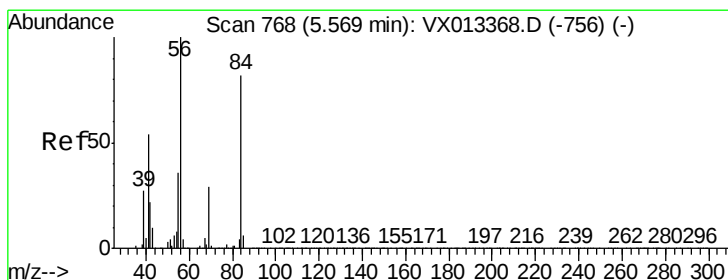
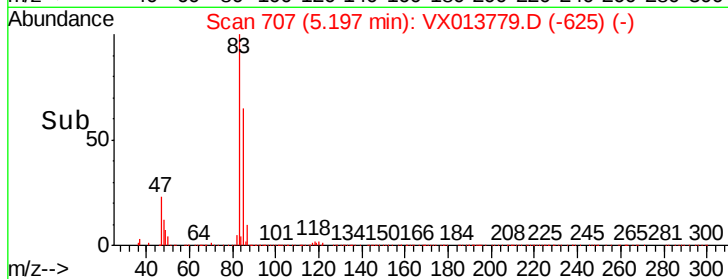
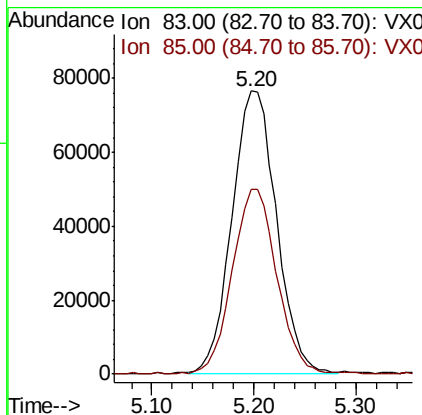
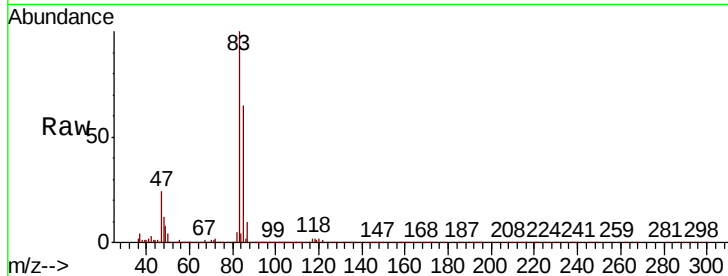




#25
Chloroform
Concen: 17.370 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

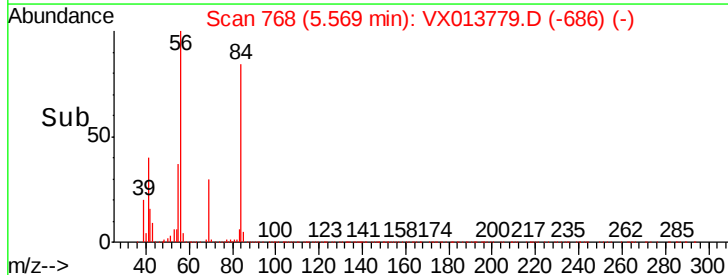
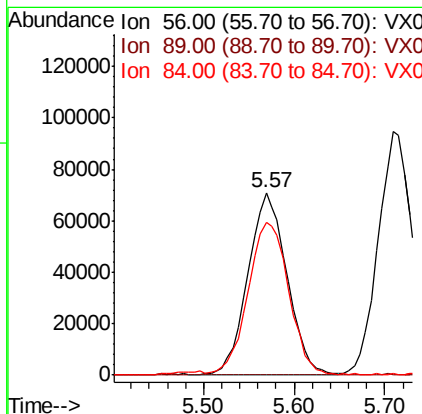
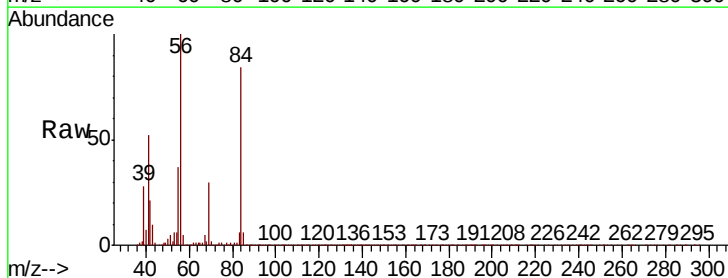
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

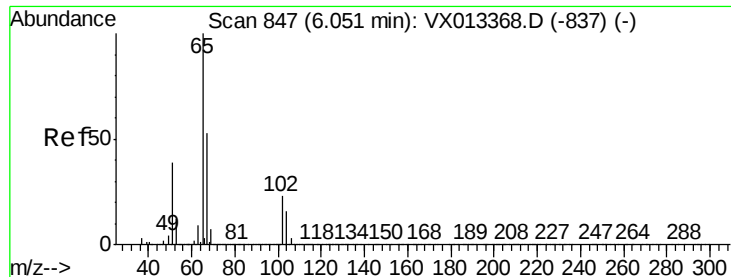
Tot Ion: 83 Resp: 230947
Ion Ratio Lower Upper
83 100
85 65.4 52.4 78.6



#26
Cyclohexane
Concen: 16.951 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 56 Resp: 209089
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 87.9 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.466 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

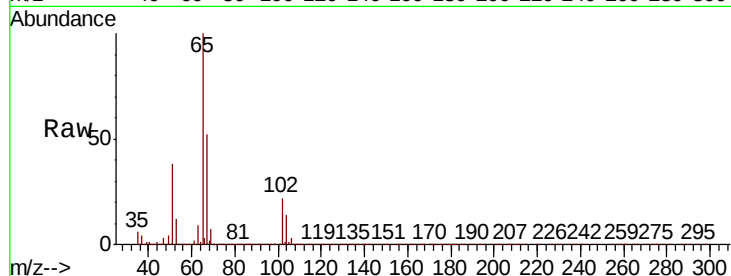
VX1205WBSD01

Tot Ion: 65 Resp: 239575

Ion Ratio Lower Upper

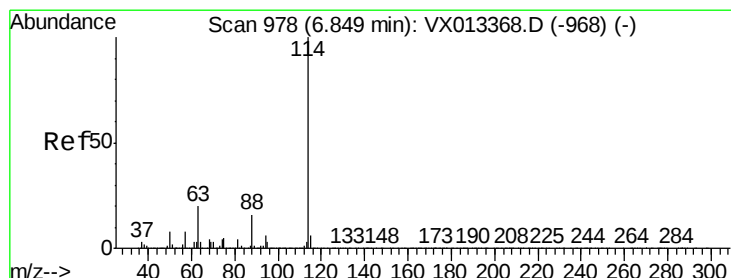
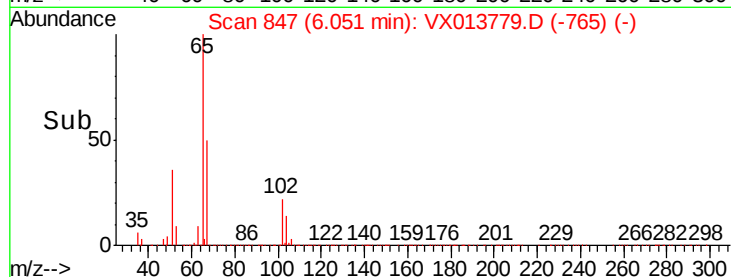
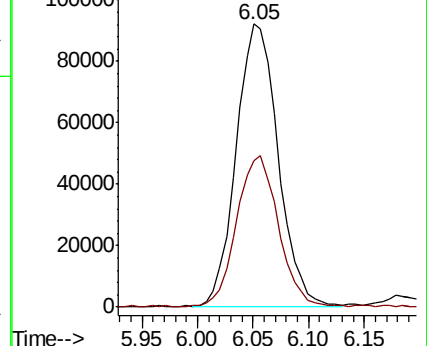
65 100

67 53.2 41.0 61.6



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: VX013779.D

Acq: 05 Dec 2019 16:12

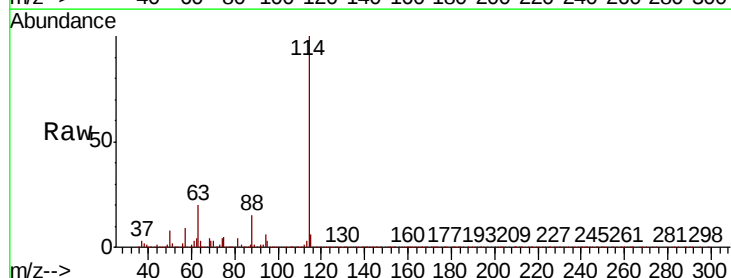
Tgt Ion: 114 Resp: 632614

Ion Ratio Lower Upper

114 100

63 19.8 16.1 24.1

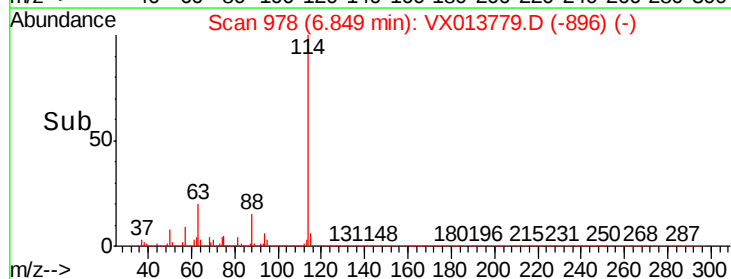
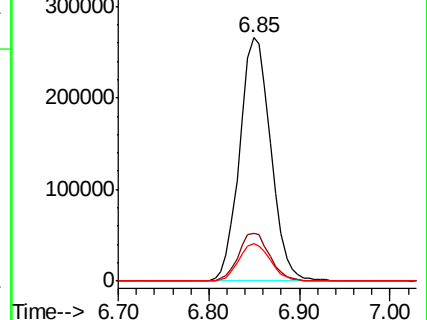
88 15.7 12.3 18.5

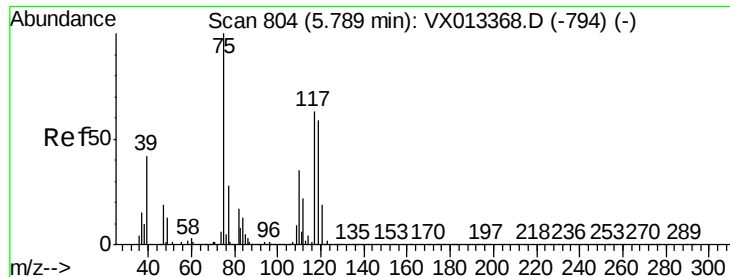


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.664 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

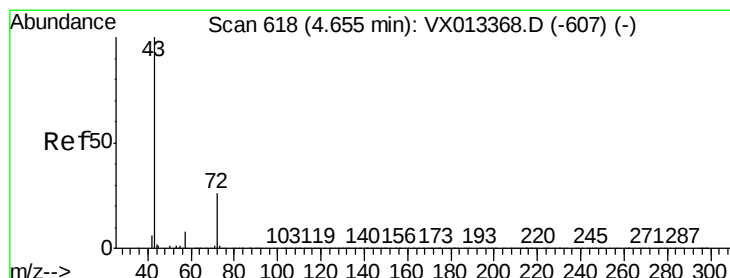
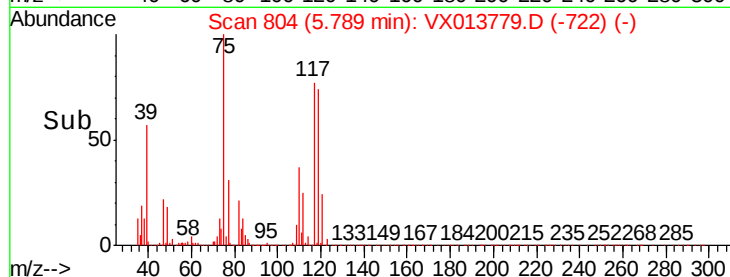
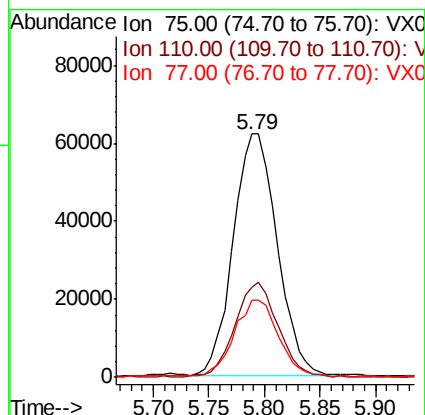
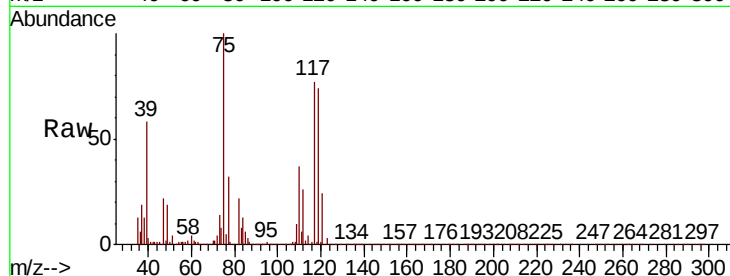
Tot Ion: 75 Resp: 170682

Ion Ratio Lower Upper

75 100

110 38.3 0.0 74.6

77 31.7 0.0 62.6



#30

2-Butanone

Concen: 81.754 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

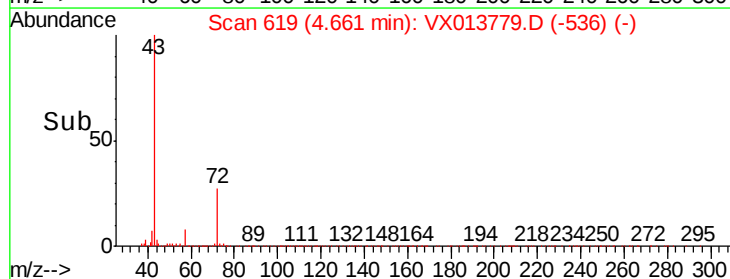
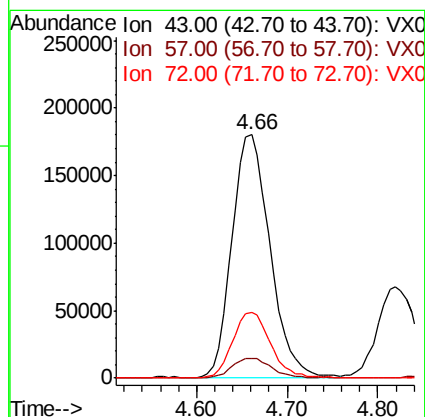
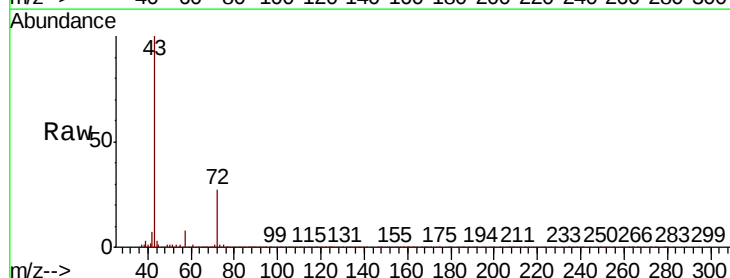
Tgt Ion: 43 Resp: 521409

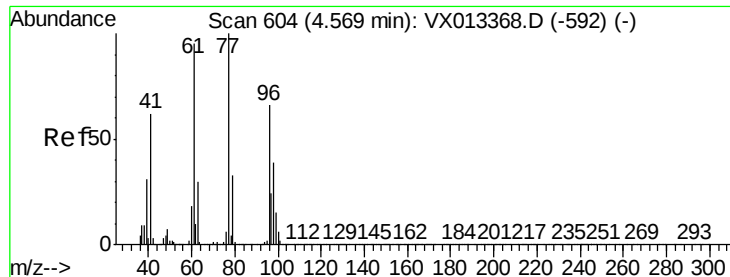
Ion Ratio Lower Upper

43 100

57 8.2 6.1 9.1

72 26.3 20.5 30.7





#31

2,2-Dichloropropane

Concen: 17.357 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

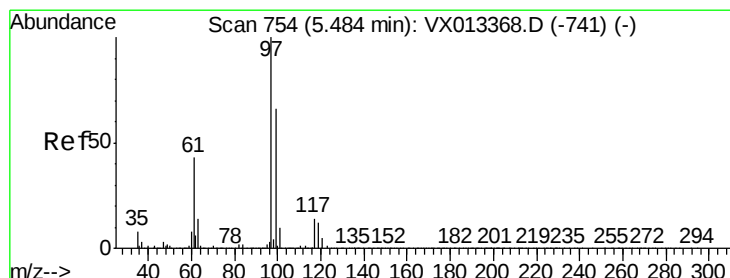
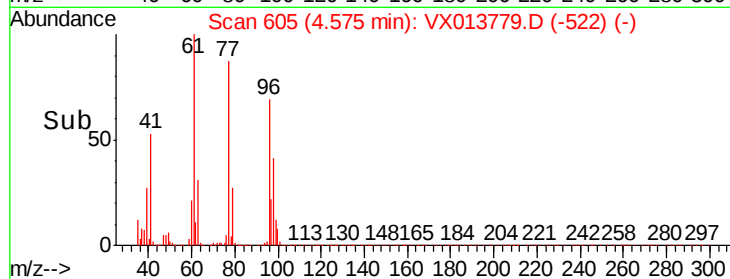
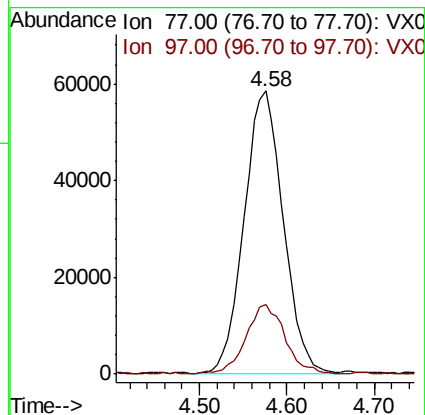
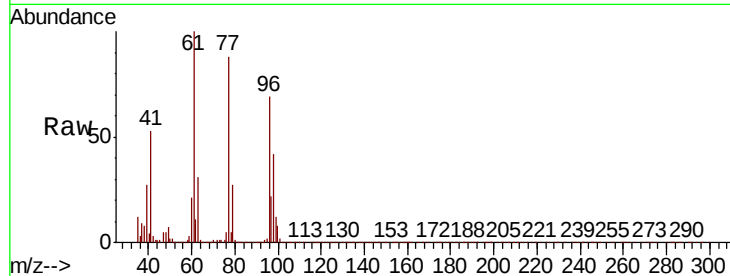
VX1205WBSD01

Tot Ion: 77 Resp: 181635

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.205 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

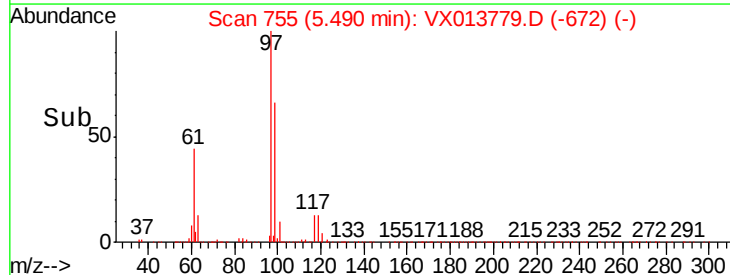
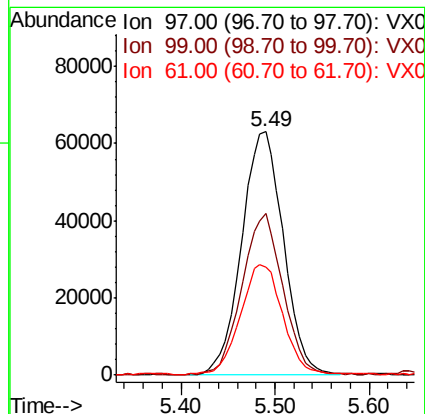
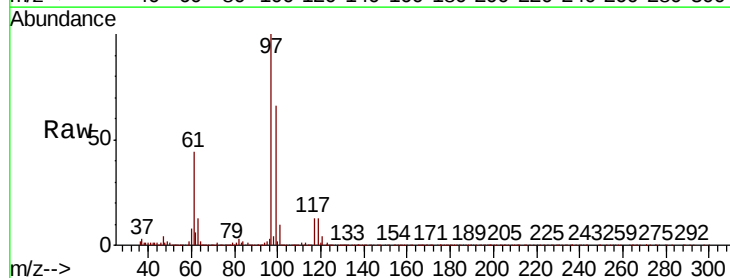
Tgt Ion: 97 Resp: 195515

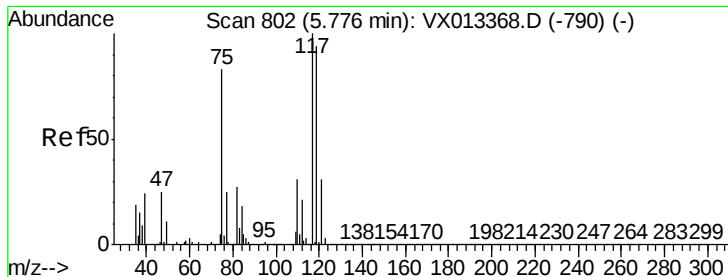
Ion Ratio Lower Upper

97 100

99 64.6 52.5 78.7

61 45.5 36.1 54.1

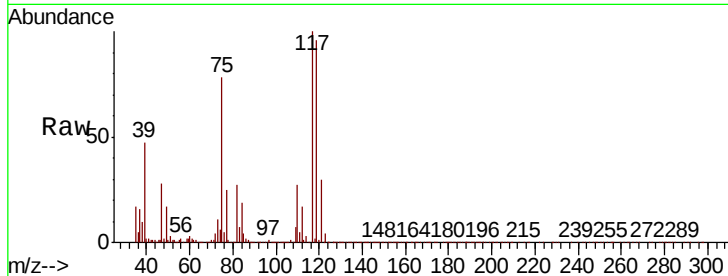




#33
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
121	29.6	24.9	37.3

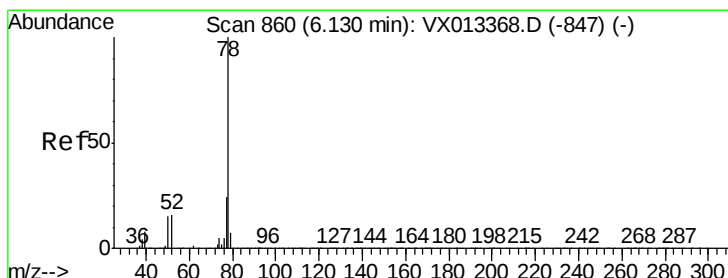
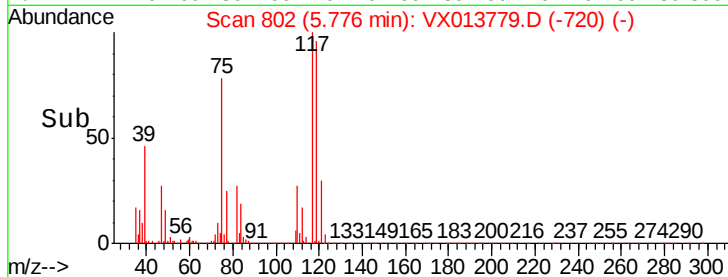
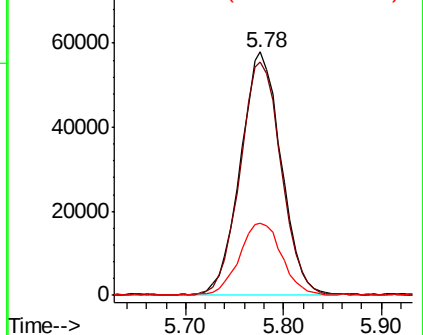


Abundance

Ion 117.00 (116.70 to 117.70): V

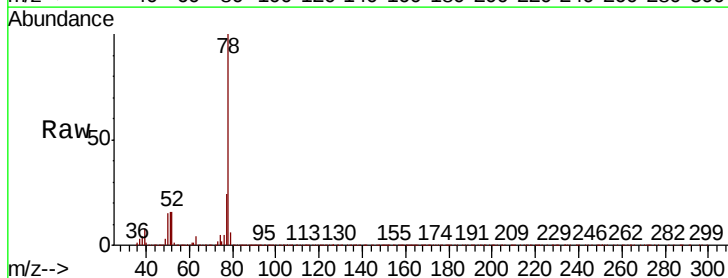
Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34
Benzene
Concen: 18.303 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9
51	15.2	12.2	18.4

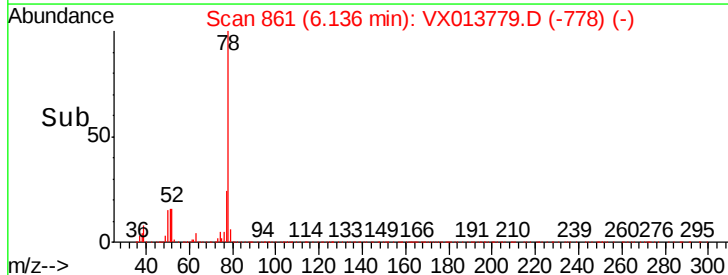
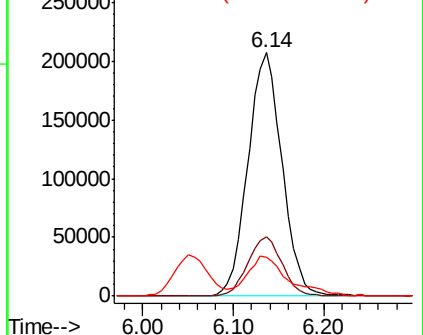


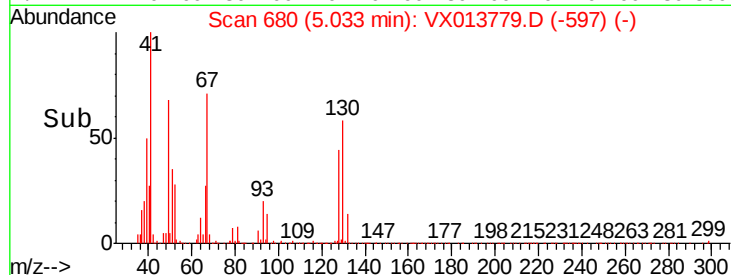
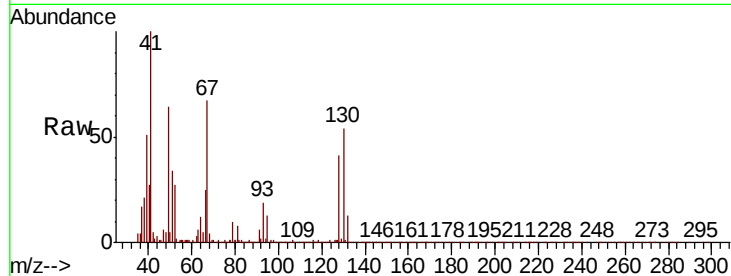
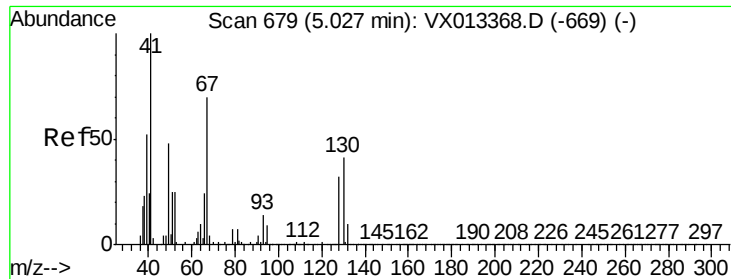
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

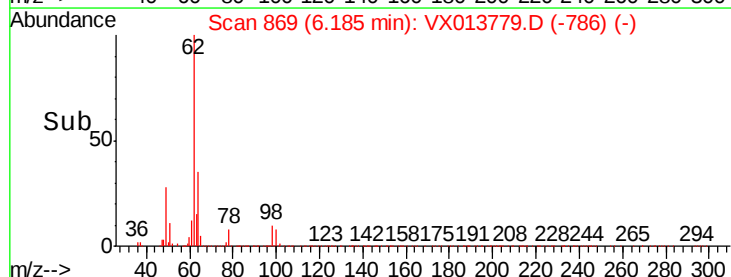
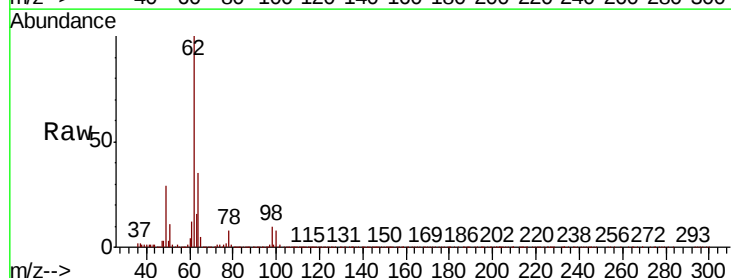
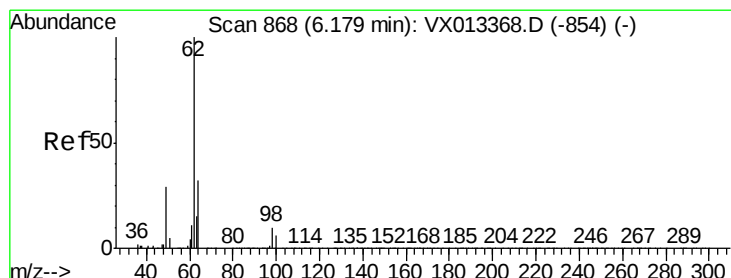
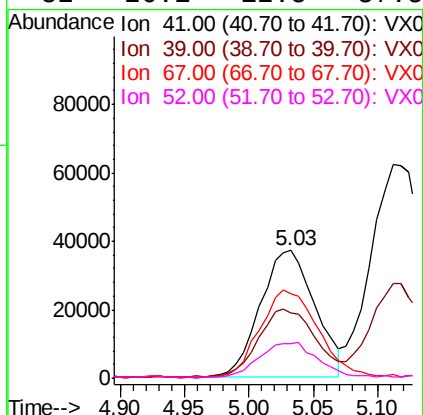




#35
Methacrylonitrile
Concen: 17.243 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

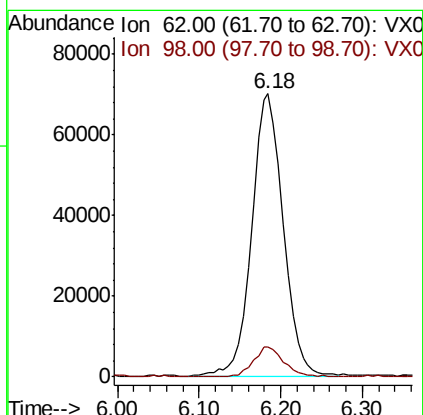
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

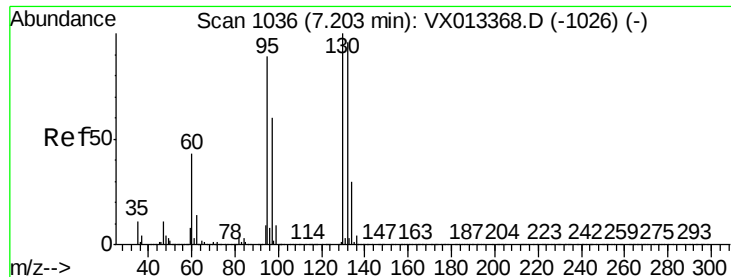
Tot Ion:	41	Resp:	109822
Ion	Ratio	Lower	Upper
41	100		
39	50.3	25.9	77.8
67	66.2	35.1	105.5
52	26.1	12.5	37.5



#36
1,2-Dichloroethane
Concen: 18.346 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion:	62	Resp:	188200
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.2	12.2





#37

Trichloroethene

Concen: 18.311 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

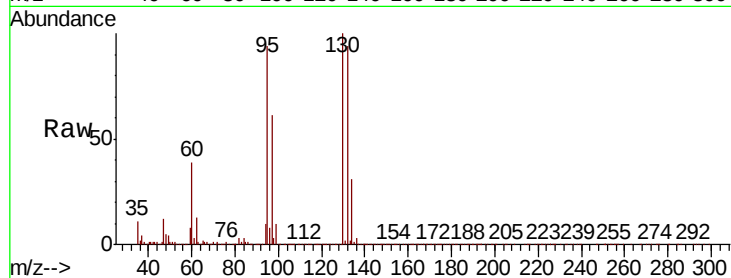
VX1205WBSD01

Tot Ion:130 Resp: 143772

Ion Ratio Lower Upper

130 100

95 94.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

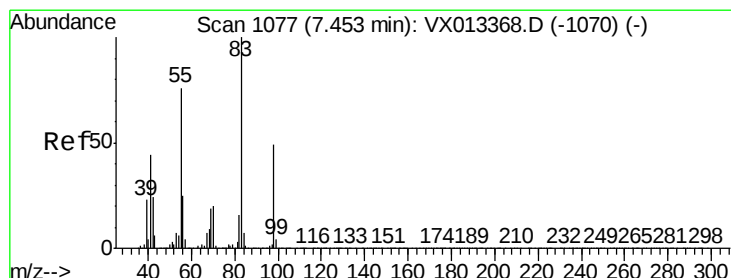
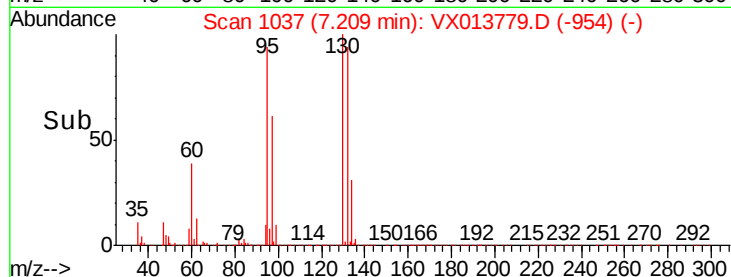
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 17.549 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

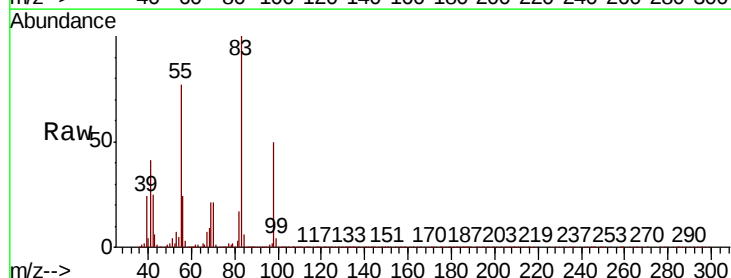
Tgt Ion: 83 Resp: 207910

Ion Ratio Lower Upper

83 100

55 77.3 37.9 113.7

98 50.5 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

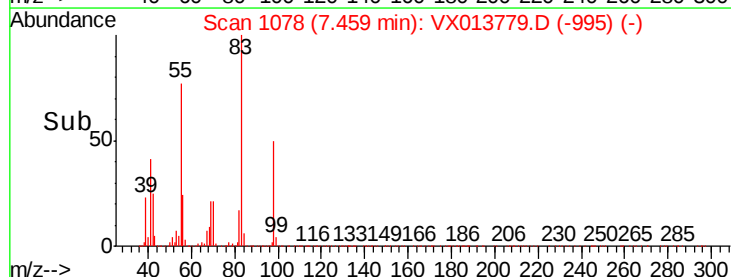
7.46

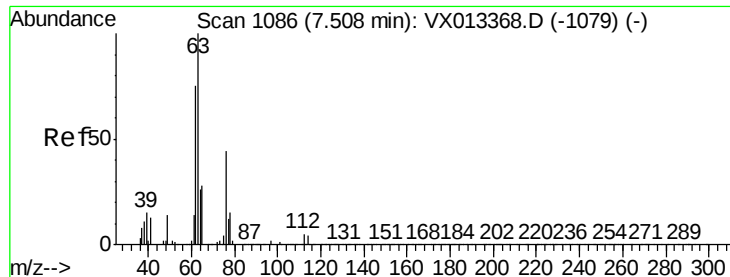
100000

50000

0

Time--> 7.40 7.50 7.60





#39

1,2-Dichloropropane

Concen: 17.631 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

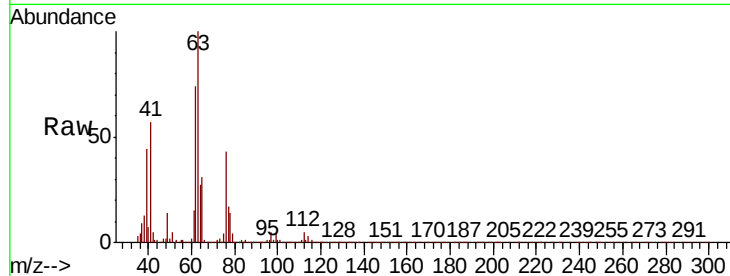
VX1205WBSD01

Tot Ion: 63 Resp: 133607

Ion Ratio Lower Upper

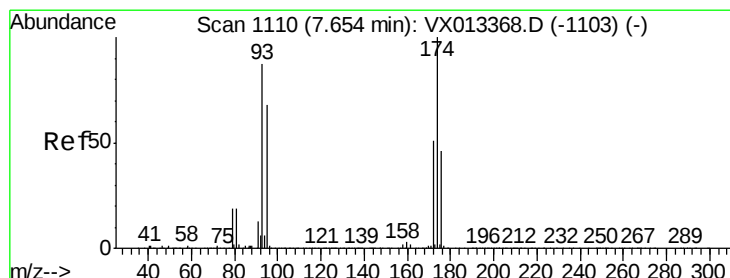
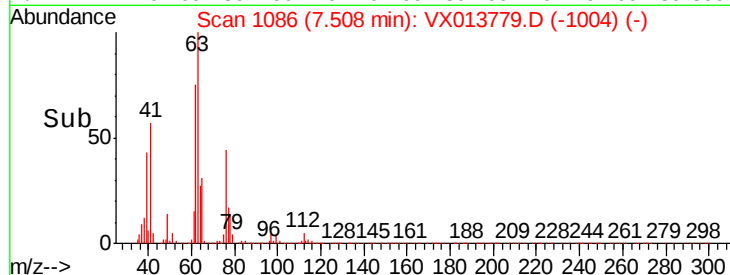
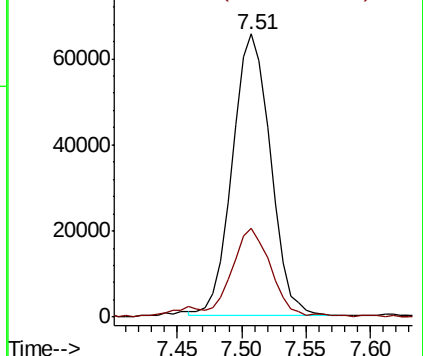
63 100

65 31.0 23.8 35.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 17.969 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

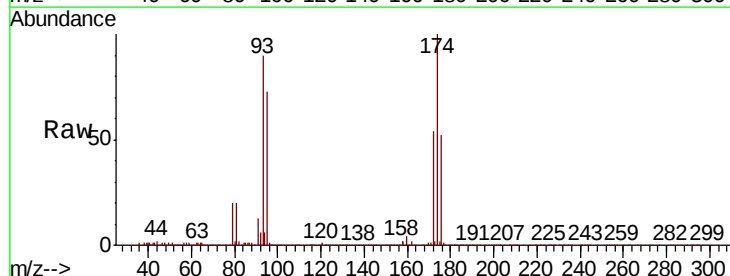
Tgt Ion: 93 Resp: 90624

Ion Ratio Lower Upper

93 100

95 82.8 0.0 160.8

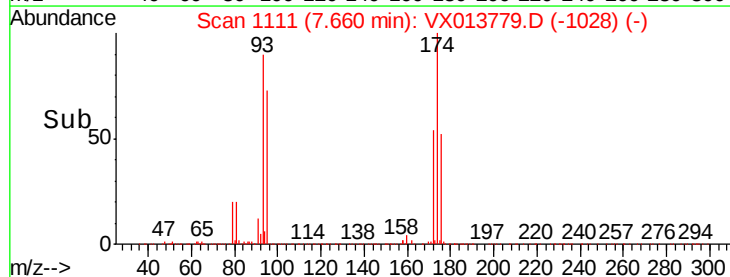
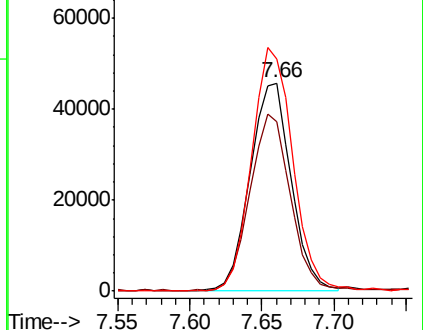
174 116.9 0.0 228.8

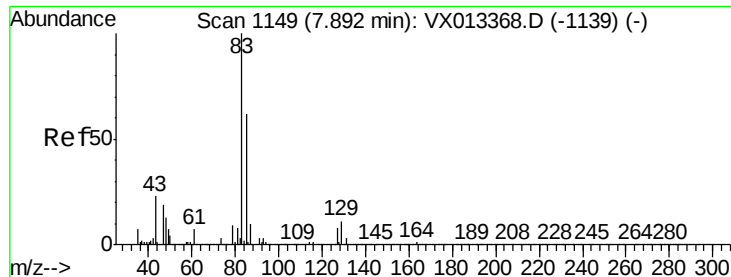


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.050 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

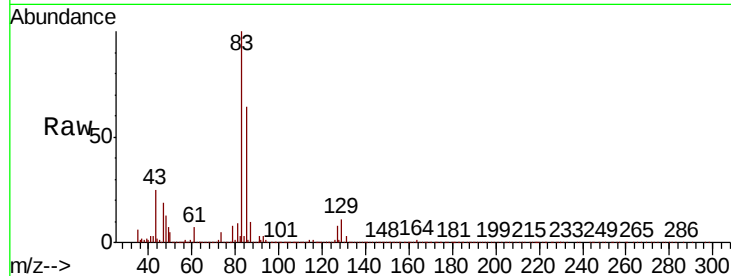
Tot Ion: 83 Resp: 177704

Ion Ratio Lower Upper

83 100

85 63.5 49.3 73.9

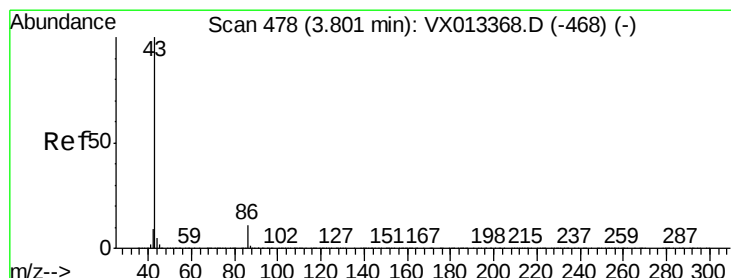
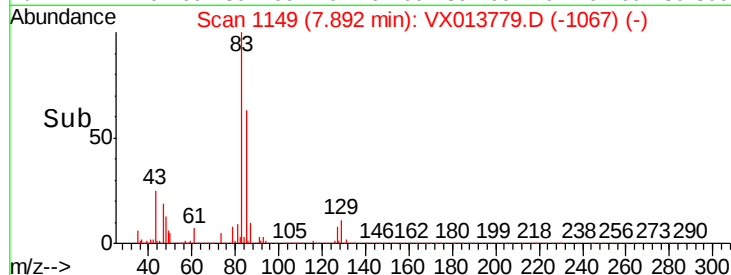
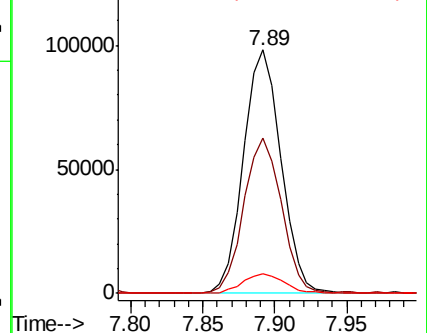
127 8.2 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 89.047 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013779.D

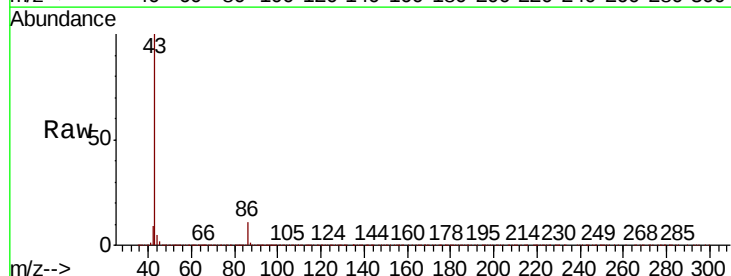
Acq: 05 Dec 2019 16:12

Tgt Ion: 43 Resp: 1788033

Ion Ratio Lower Upper

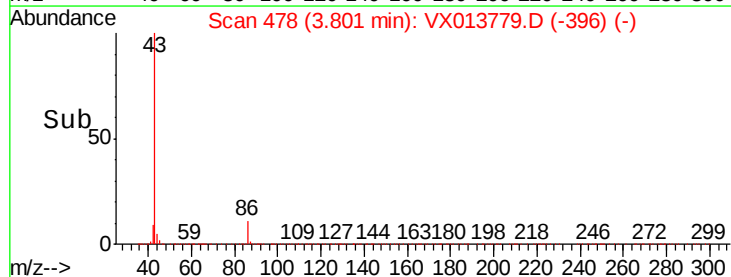
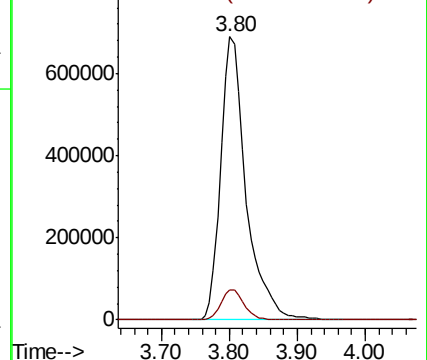
43 100

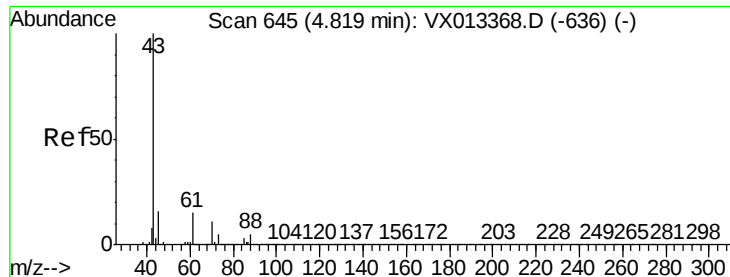
86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

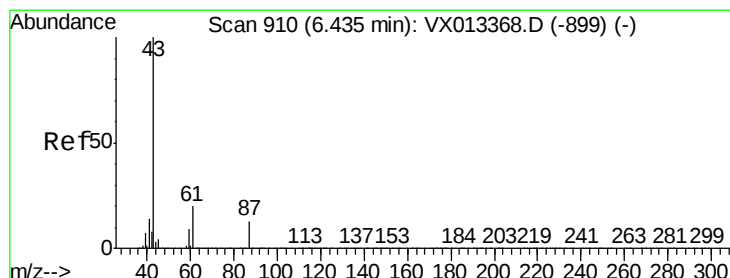
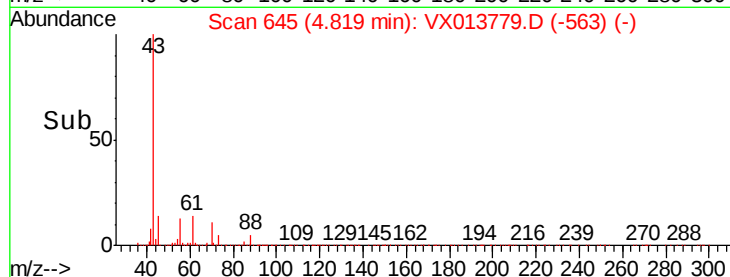
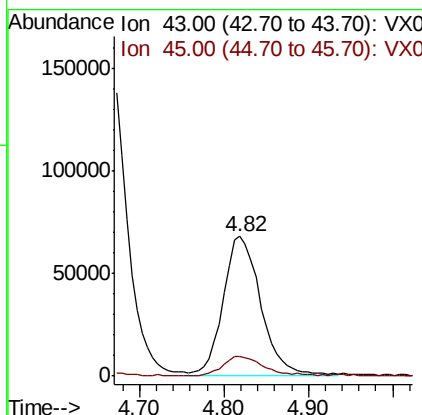
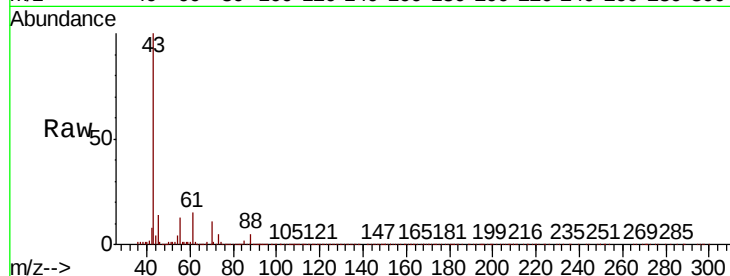




#43
Ethyl Acetate
Concen: 17.671 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

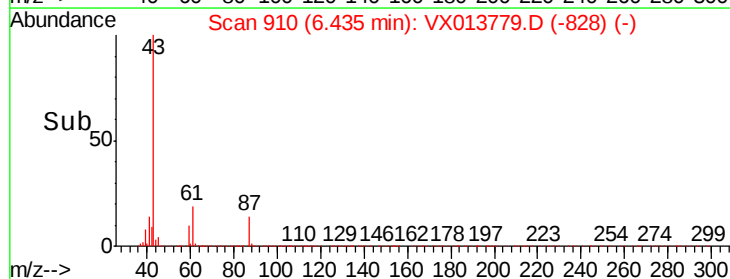
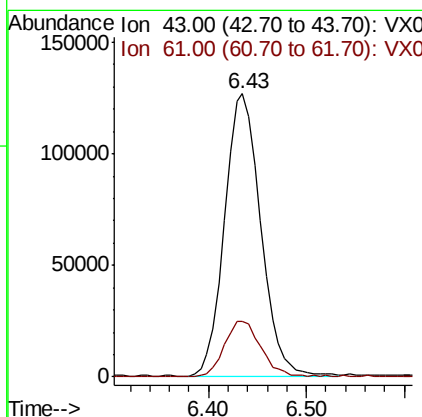
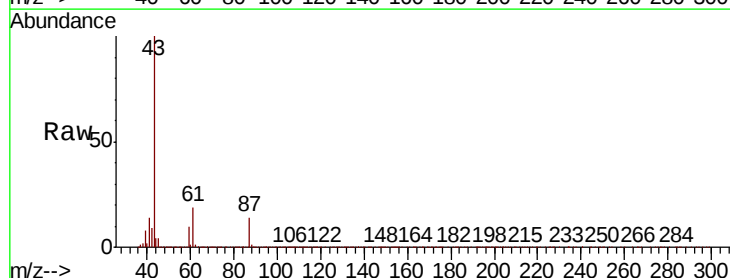
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

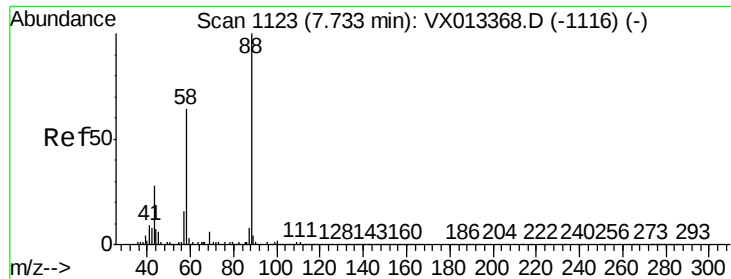
Tot Ion: 43 Resp: 205549
Ion Ratio Lower Upper
43 100
45 14.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 17.328 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 43 Resp: 323996
Ion Ratio Lower Upper
43 100
61 19.5 15.8 23.8





#45

1,4-Dioxane

Concen: 340.657 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

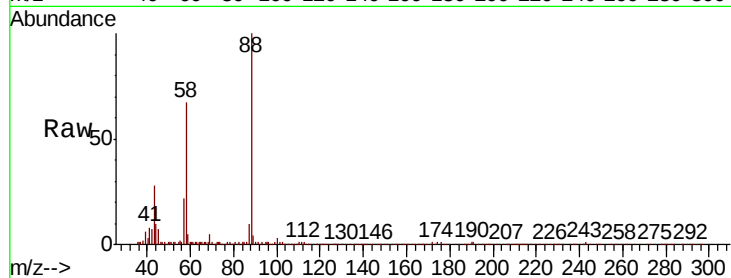
Tot Ion: 88 Resp: 70324

Ion Ratio Lower Upper

88 100

43 33.0 26.1 39.1

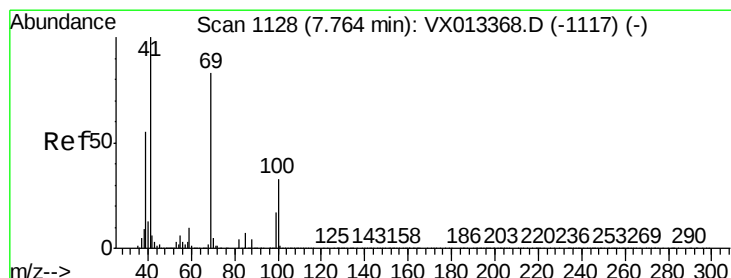
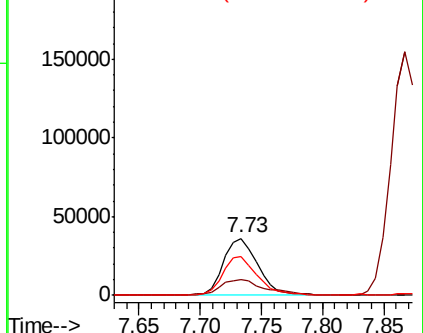
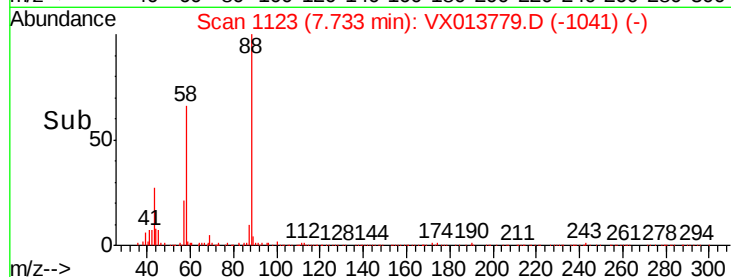
58 66.8 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 17.325 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

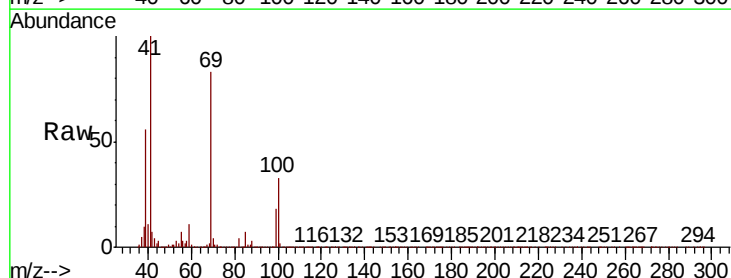
Tgt Ion: 41 Resp: 161136

Ion Ratio Lower Upper

41 100

69 82.8 41.4 124.4

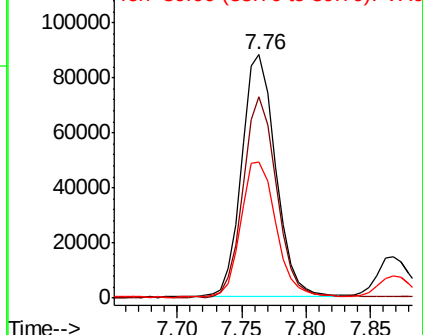
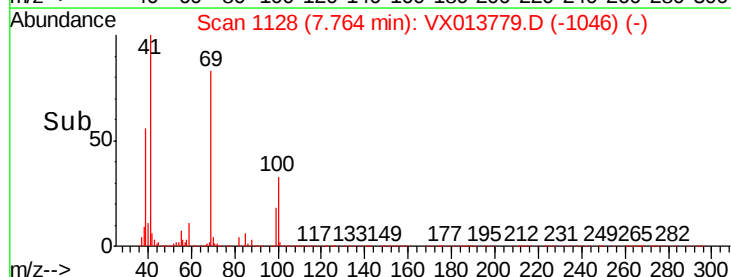
39 55.9 27.9 83.6

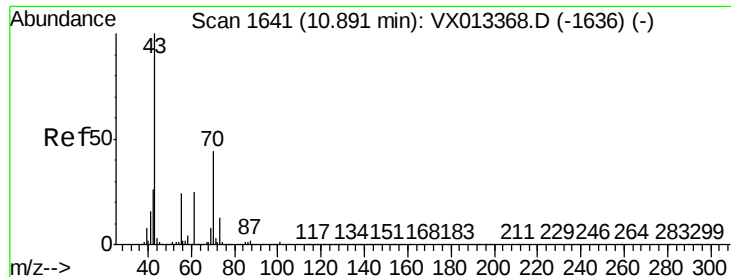


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 16.999 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

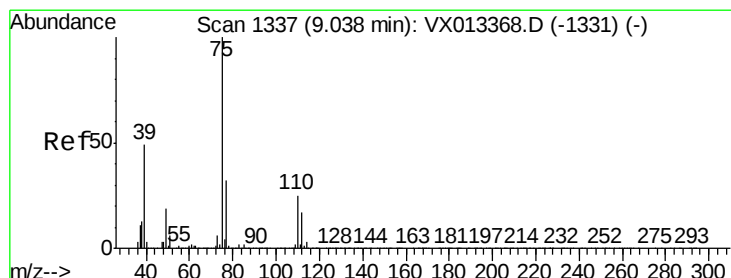
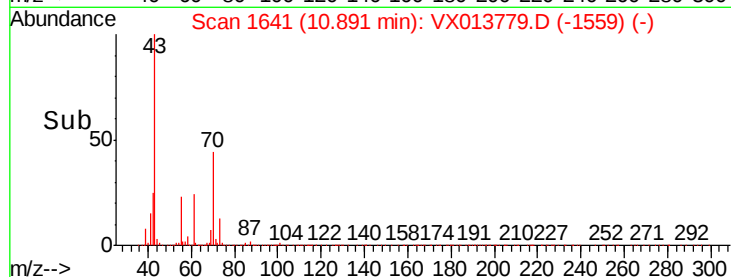
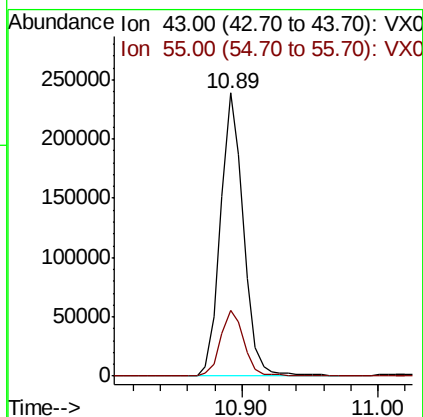
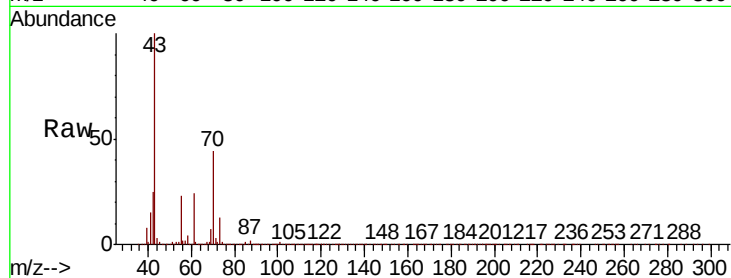
VX1205WBSD01

Tot Ion: 43 Resp: 278805

Ion Ratio Lower Upper

43 100

55 23.7 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 17.378 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013779.D

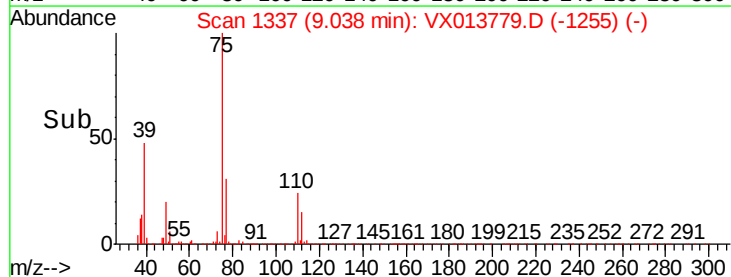
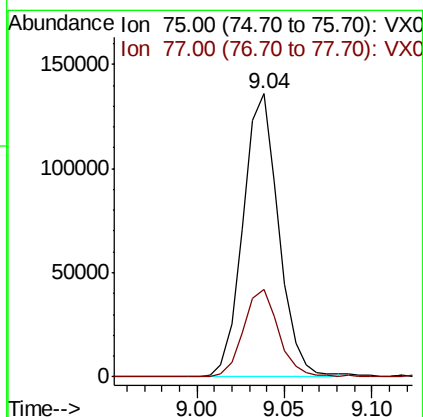
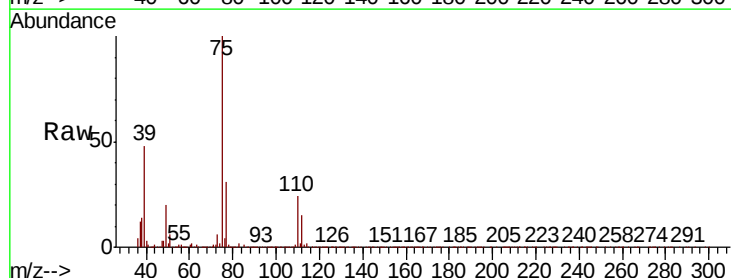
Acq: 05 Dec 2019 16:12

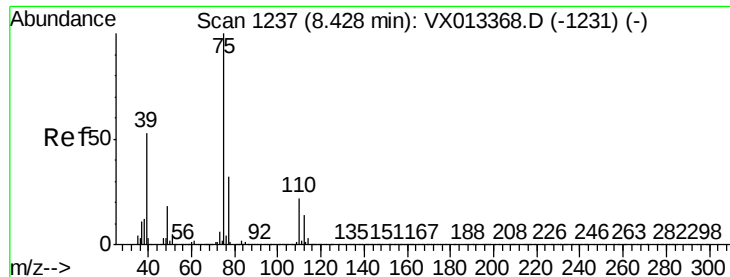
Tgt Ion: 75 Resp: 191850

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



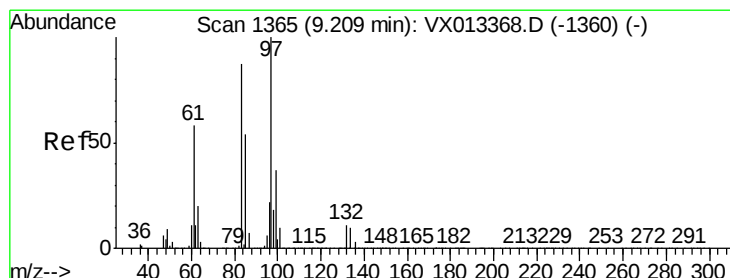
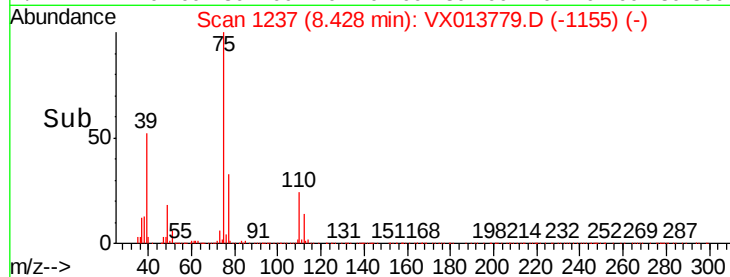
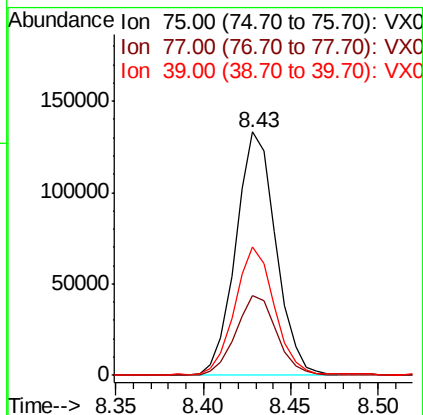
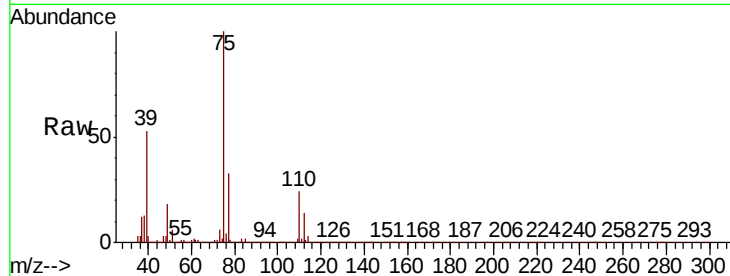


#49

cis-1,3-Dichloropropene
 Concen: 17.528 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

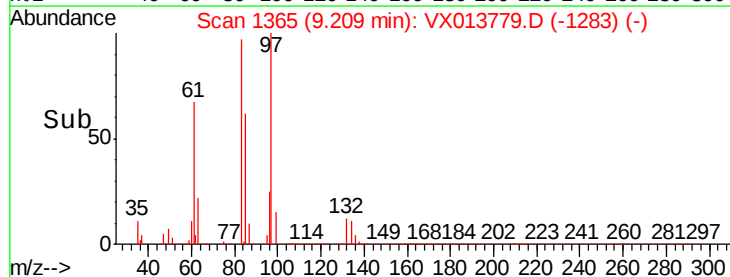
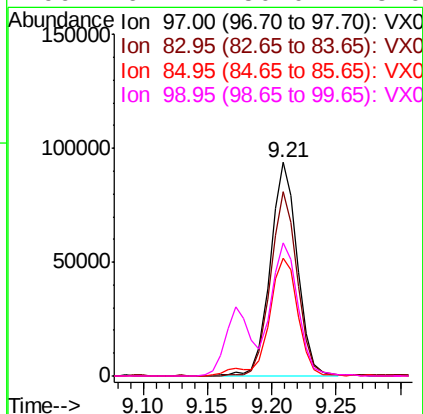
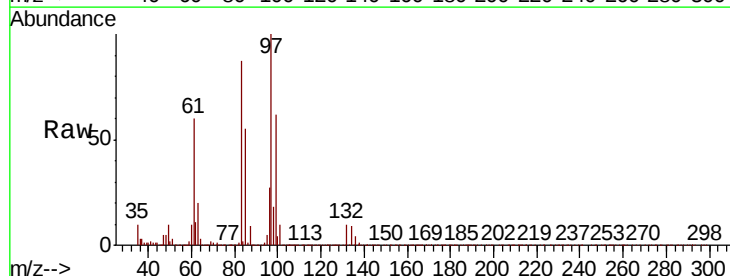
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
39	52.4	42.2	63.4

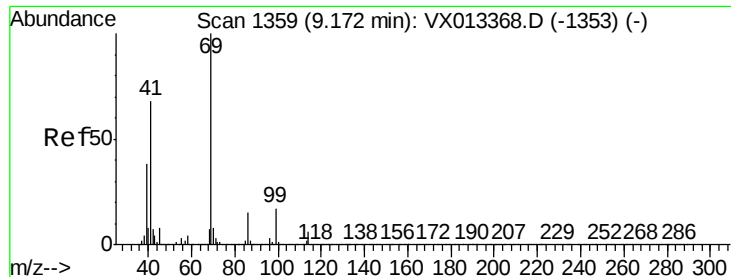


#50

1,1,2-Trichloroethane
 Concen: 18.537 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.6	104.4
85	55.1	45.5	68.3
99	62.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.960 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

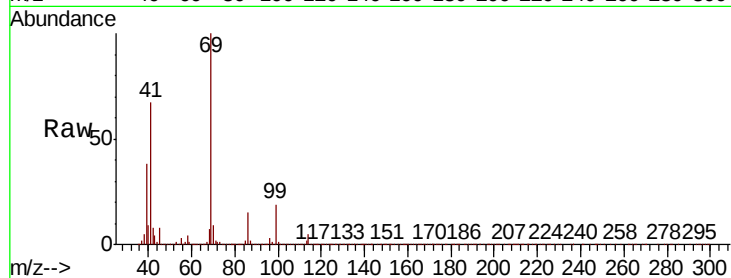
MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 69 Resp: 220676

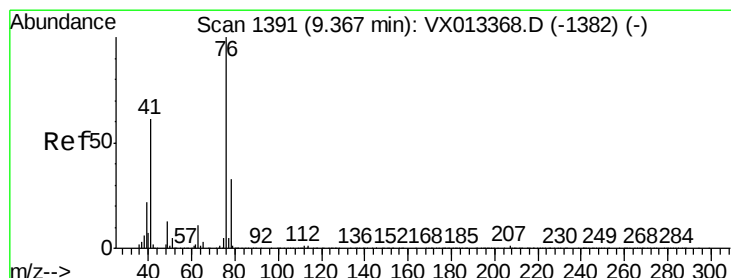
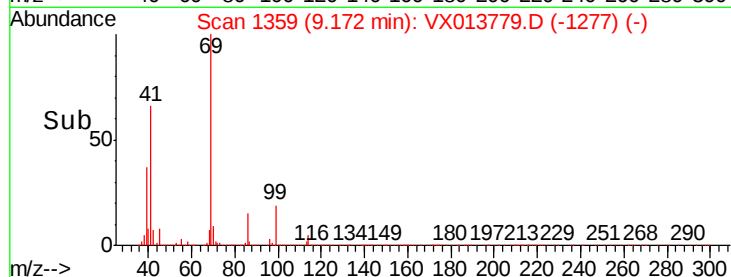
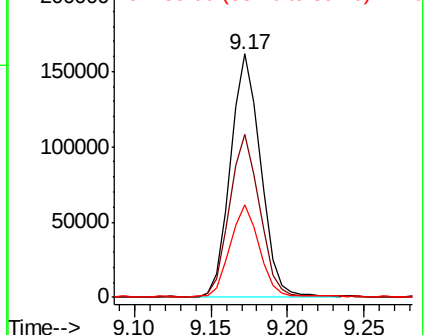
Ion	Ratio	Lower	Upper
69	100		
41	67.0	33.9	101.6
39	37.7	18.8	56.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.412 ug/l

RT: 9.37 min Scan# 1391

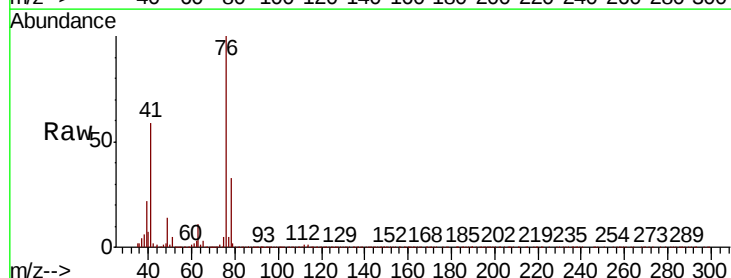
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

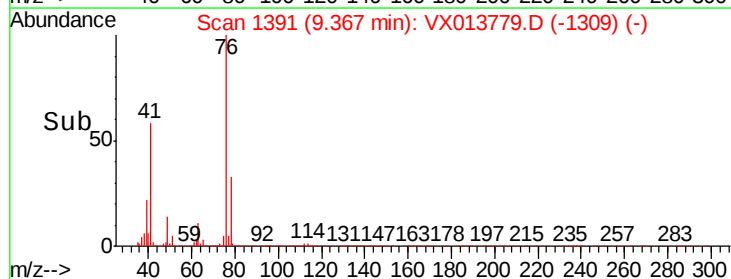
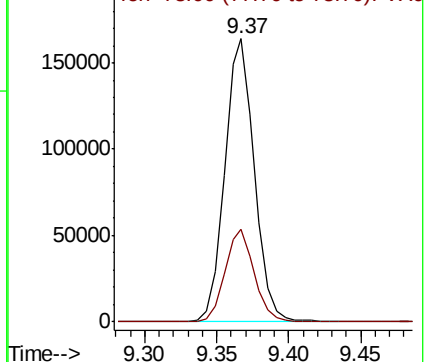
Tgt Ion: 76 Resp: 234894

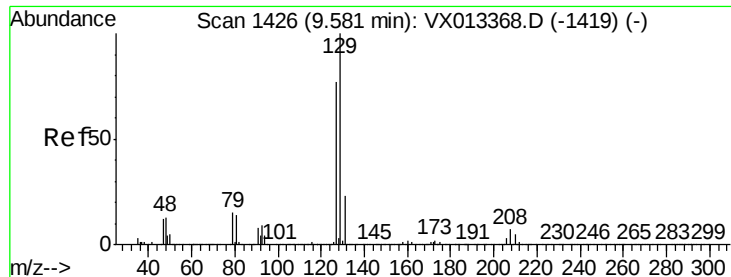
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.917 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

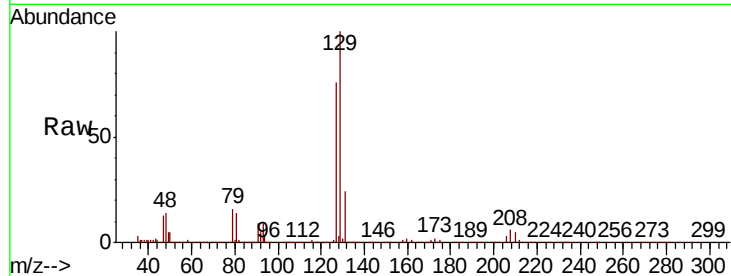
VX1205WBSD01

Tot Ion:129 Resp: 141716

Ion Ratio Lower Upper

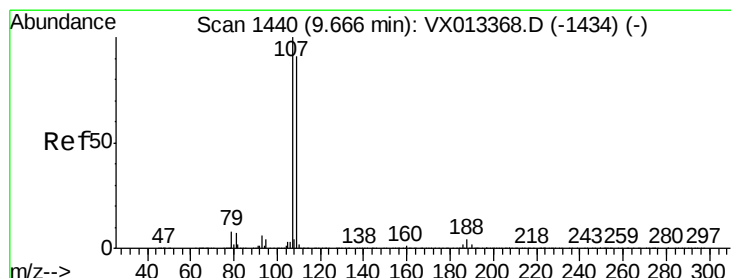
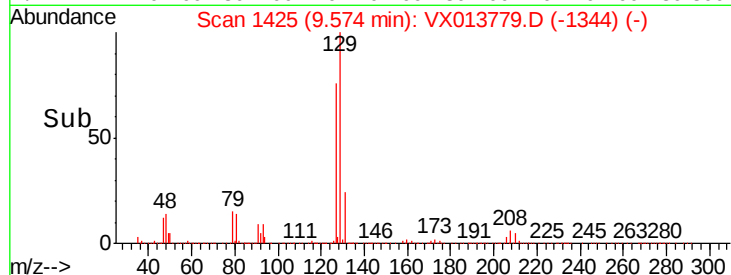
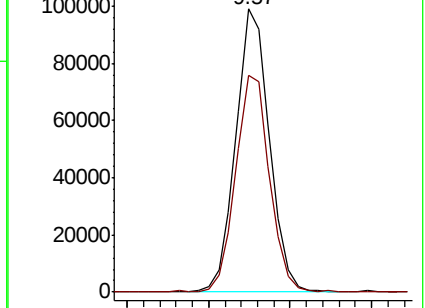
129 100

127 77.0 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.314 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013779.D

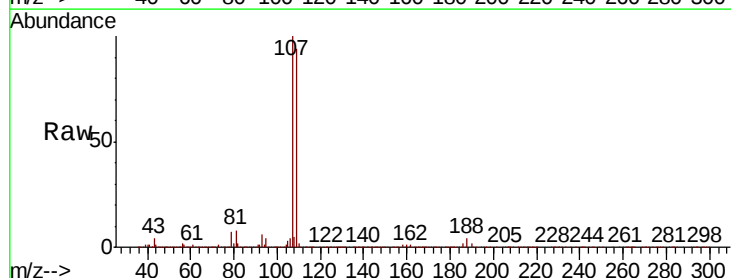
Acq: 05 Dec 2019 16:12

Tgt Ion:107 Resp: 146143

Ion Ratio Lower Upper

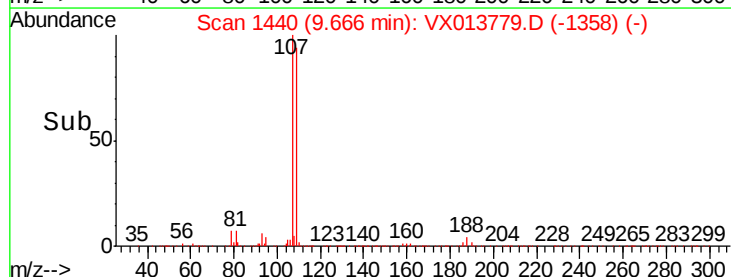
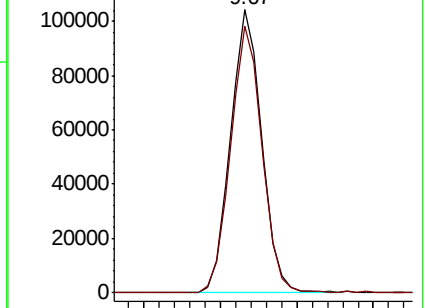
107 100

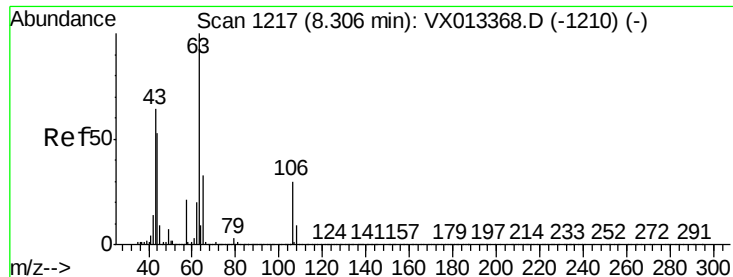
109 95.0 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

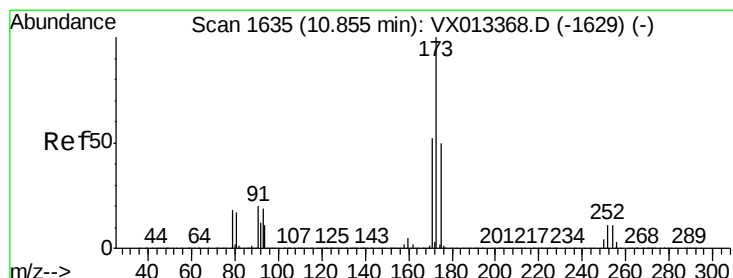
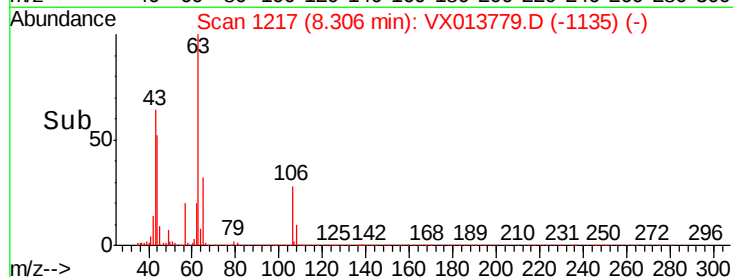
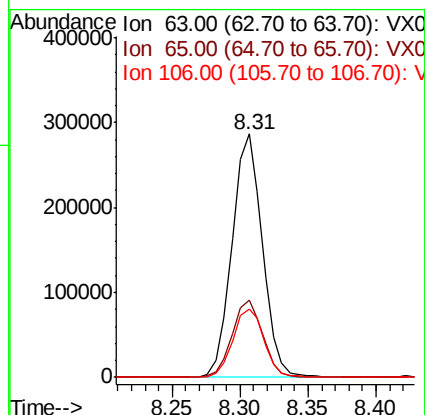
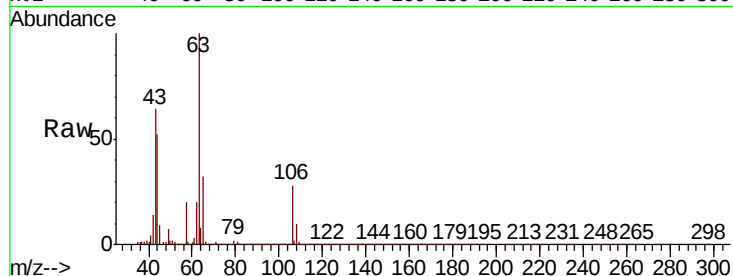




#55
2-Chloroethyl vinyl ether
Concen: 84.320 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

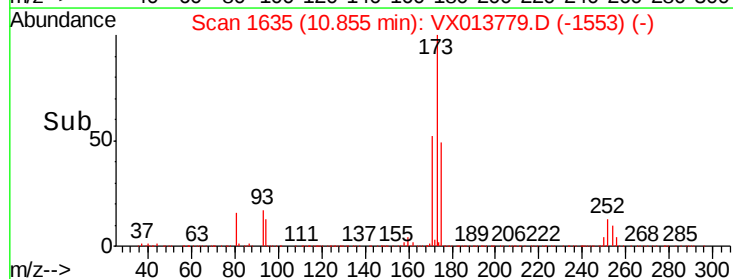
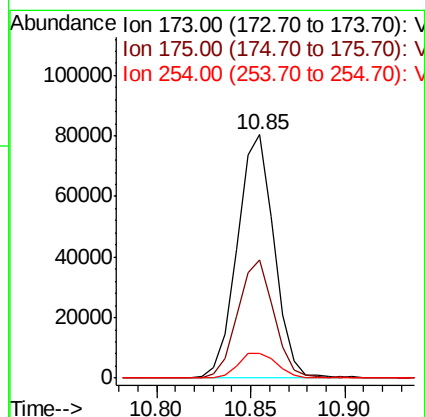
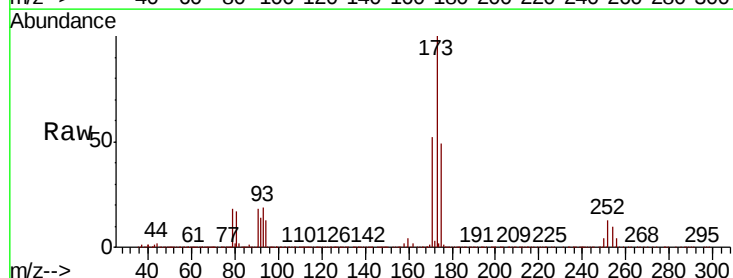
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

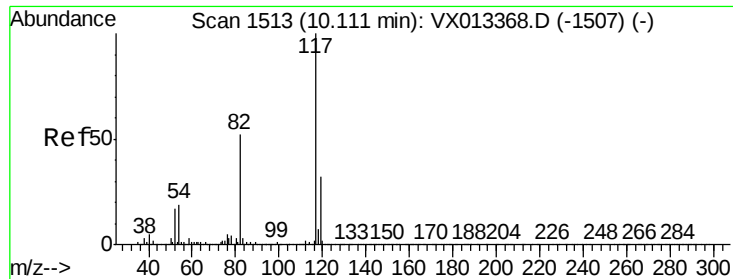
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	28.9	23.5	35.3



#56
Bromoform
Concen: 17.219 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.4	59.0
254	11.2	8.6	12.8

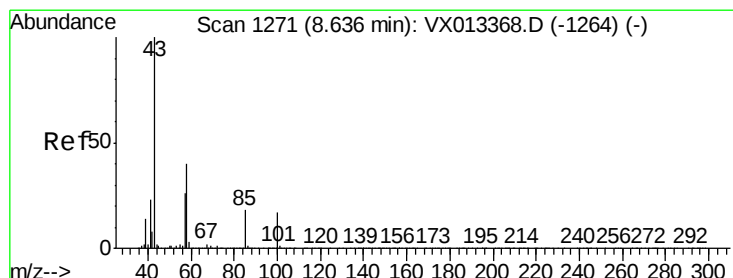
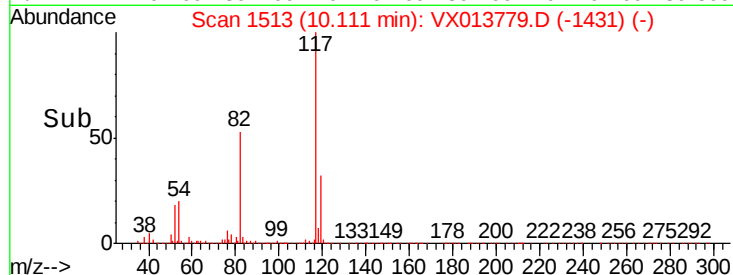
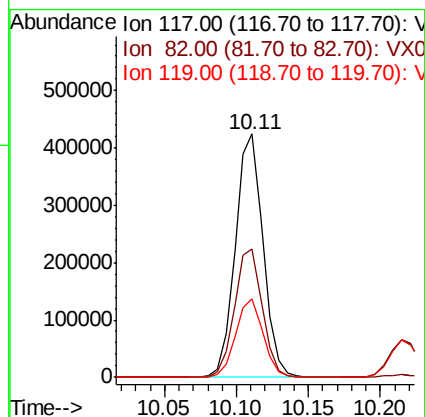
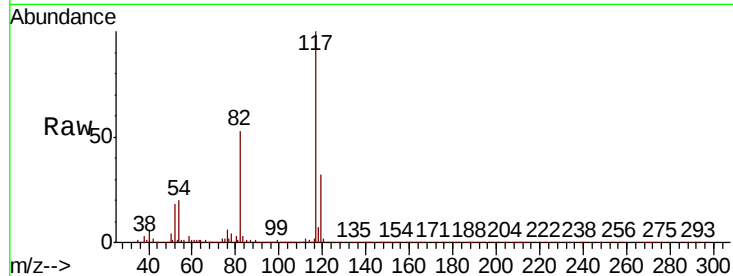




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

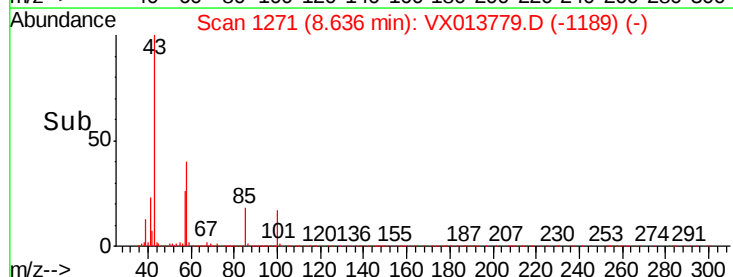
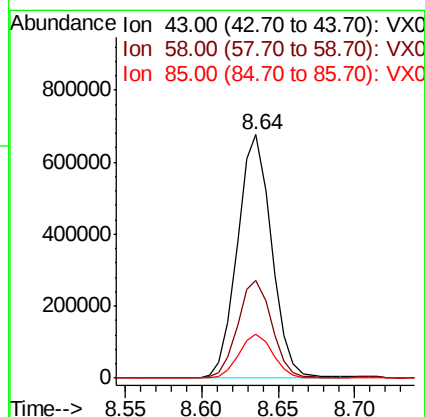
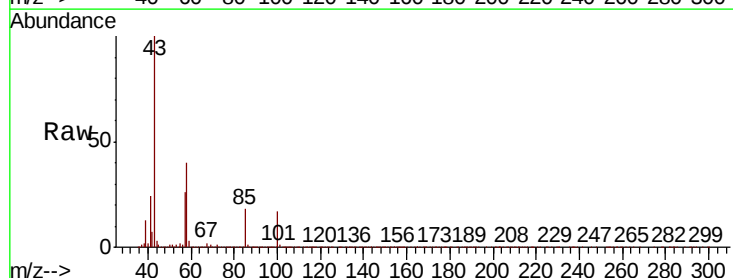
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

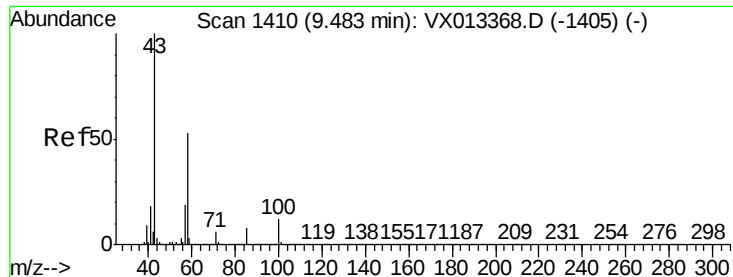
Tot Ion:117 Resp: 570705
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 31.9 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 87.588 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion: 43 Resp: 1044238
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4
85 18.0 14.2 21.2

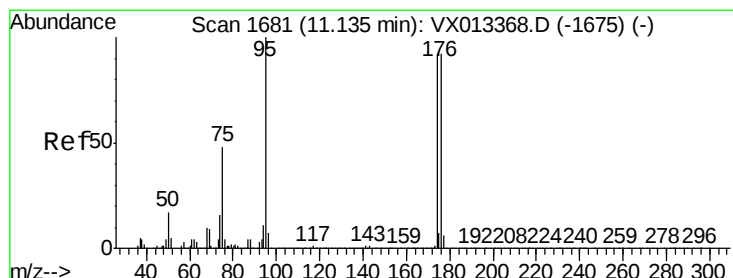
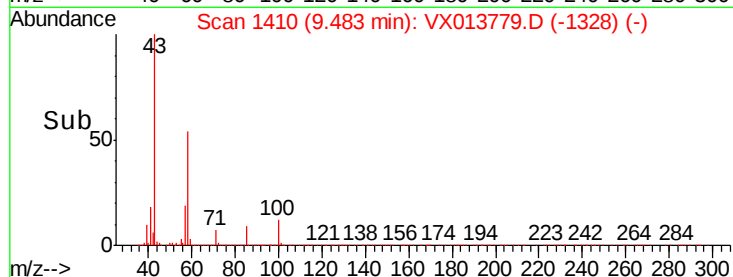
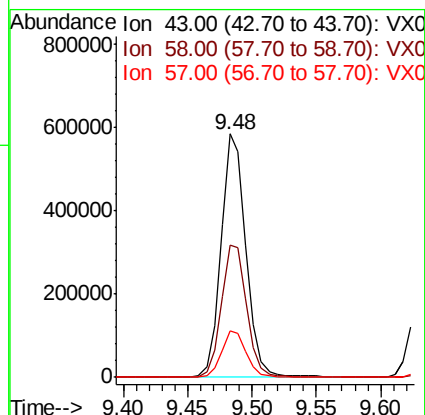
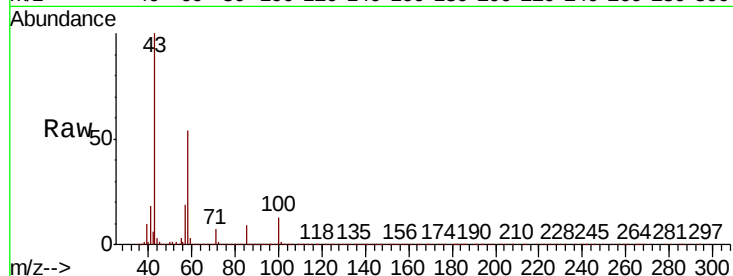




#59
2-Hexanone
Concen: 84.105 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

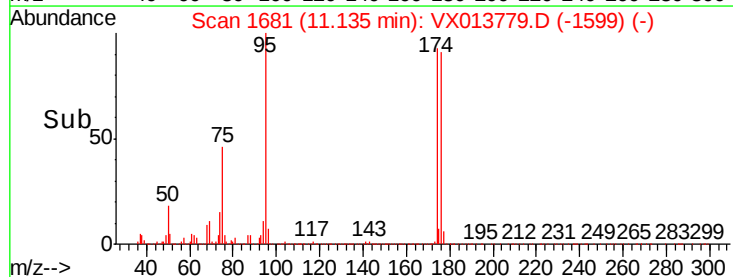
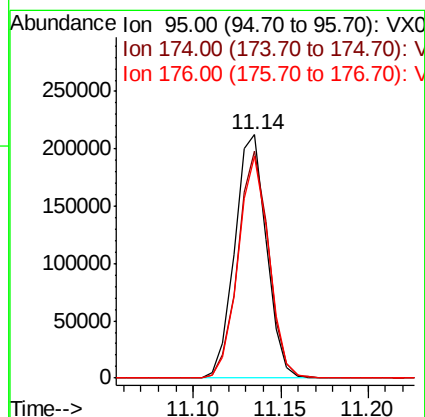
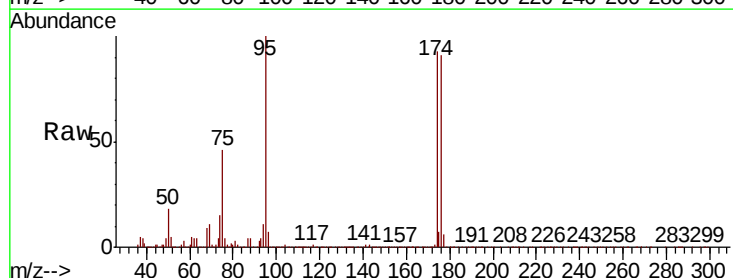
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

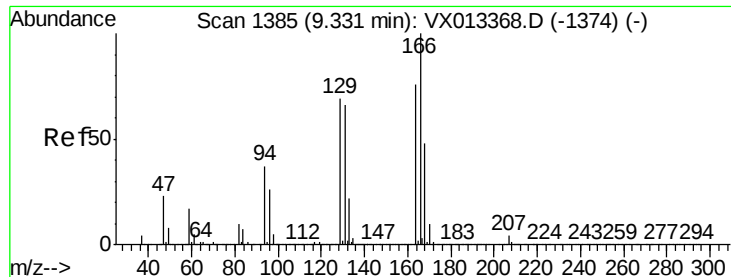
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.8	65.6
57	18.8	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.138 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	70.2	105.2
176	88.8	68.3	102.5





#61

Tetrachloroethene

Concen: 18.506 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:164 Resp: 130238

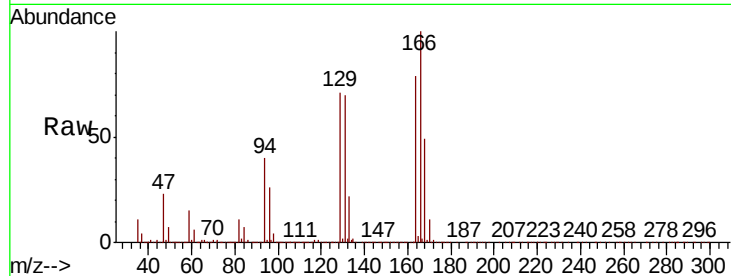
Ion Ratio Lower Upper

164 100

166 126.2 104.9 157.3

129 89.9 72.3 108.5

131 87.6 69.0 103.6

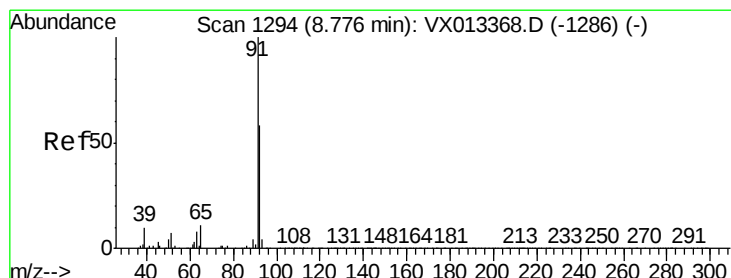
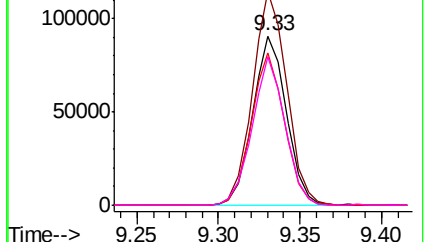
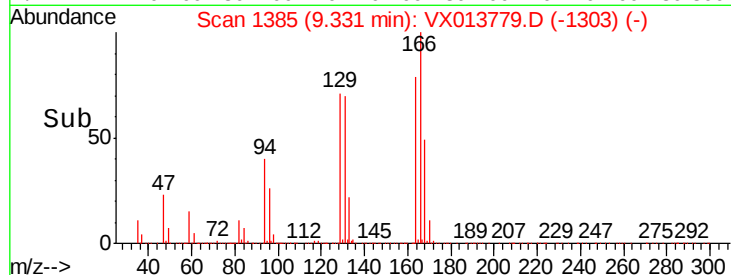


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.286 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013779.D

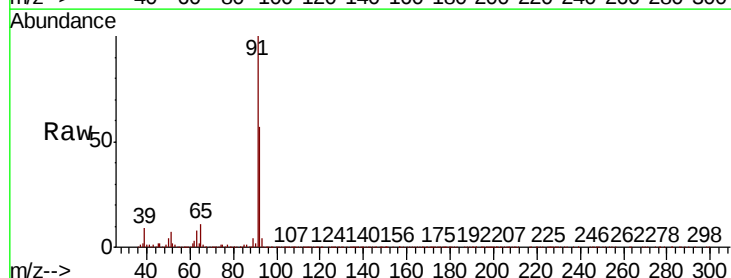
Acq: 05 Dec 2019 16:12

Tgt Ion: 91 Resp: 581310

Ion Ratio Lower Upper

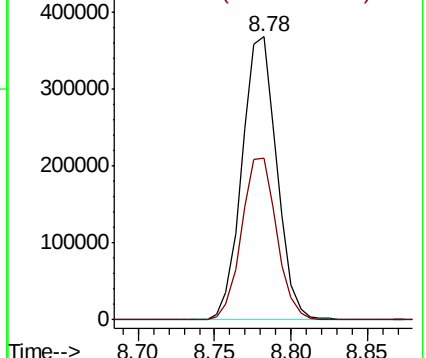
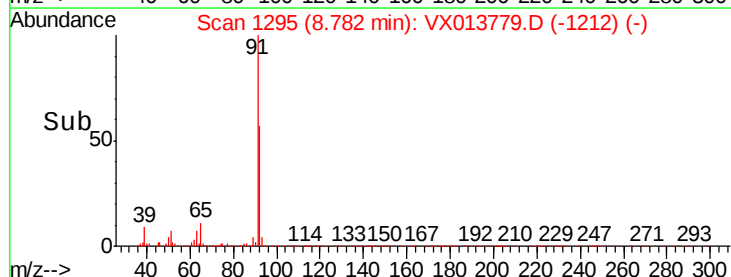
91 100

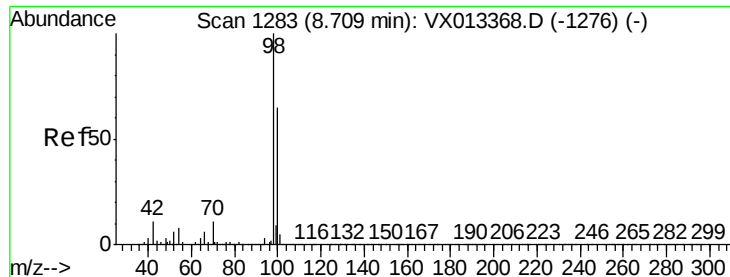
92 57.7 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.580 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

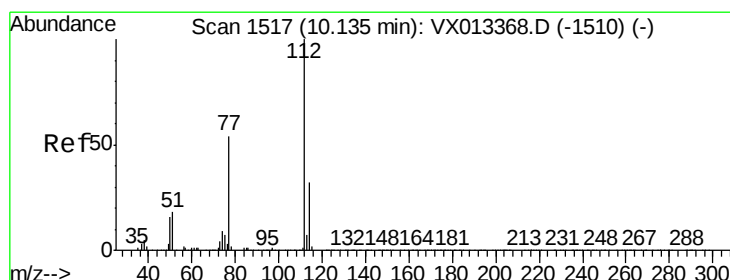
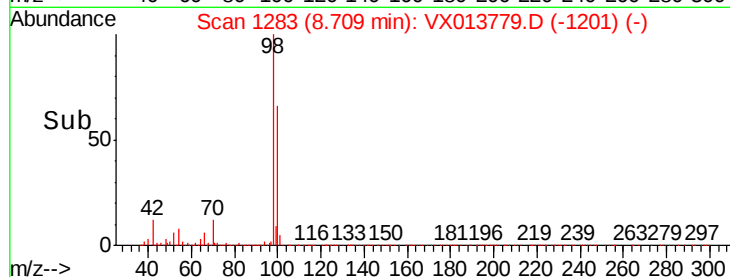
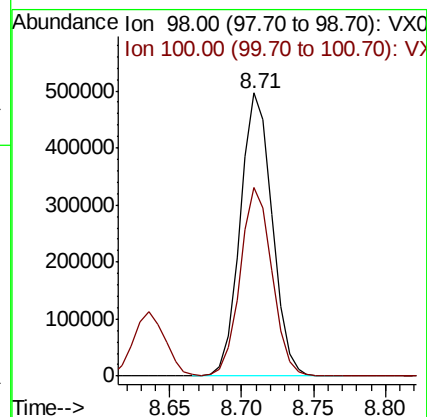
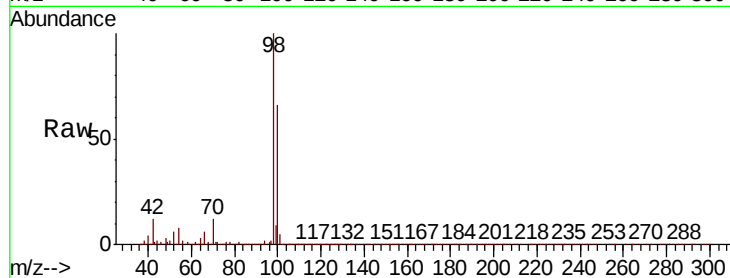
VX1205WBSD01

Tot Ion: 98 Resp: 763381

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#64

Chlorobenzene

Concen: 18.270 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013779.D

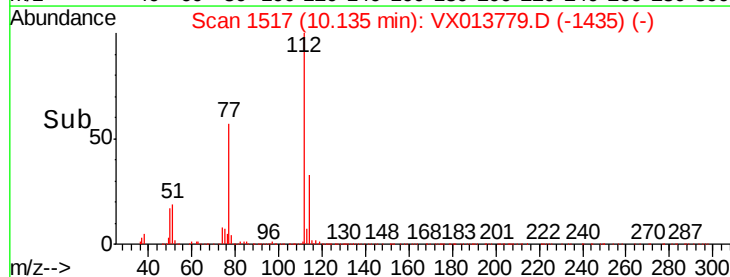
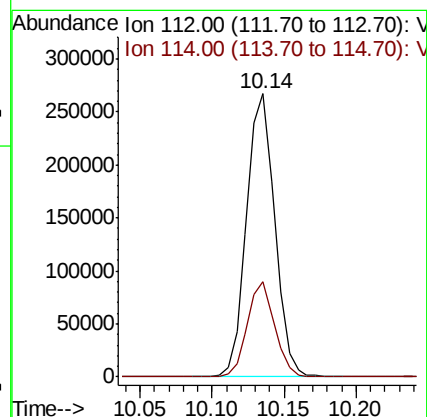
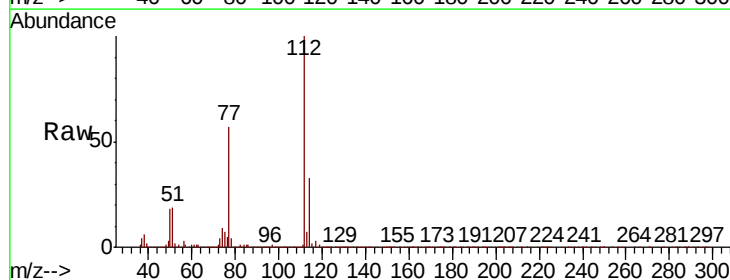
Acq: 05 Dec 2019 16:12

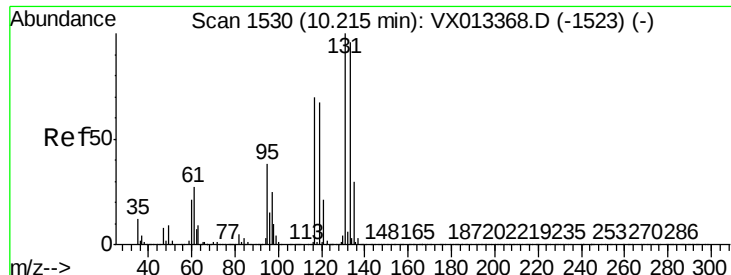
Tgt Ion: 112 Resp: 363149

Ion Ratio Lower Upper

112 100

114 33.5 25.7 38.5

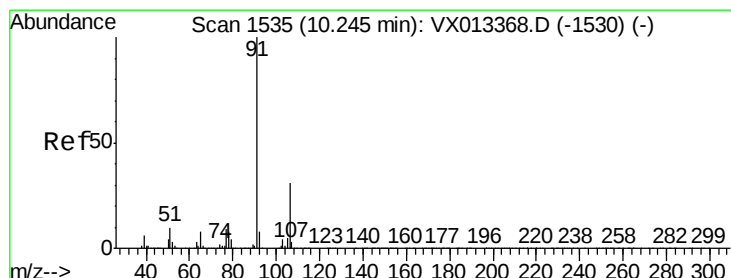
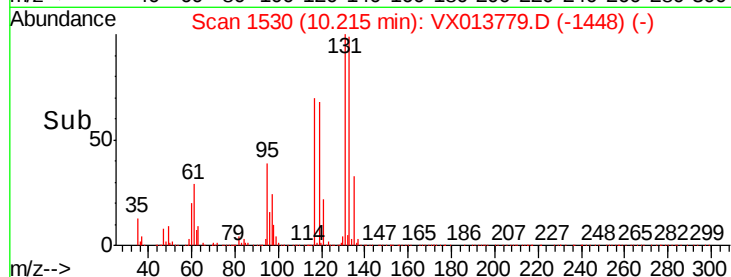
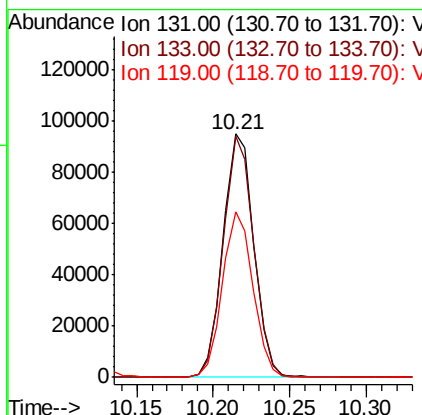
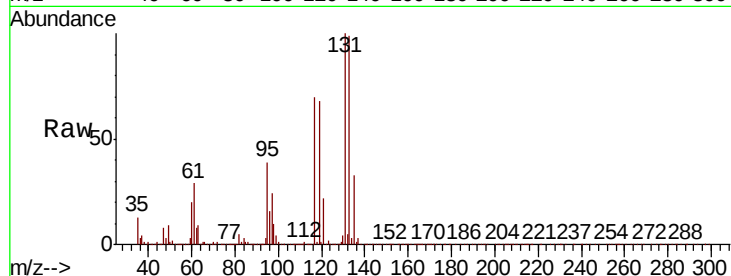




#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.720 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

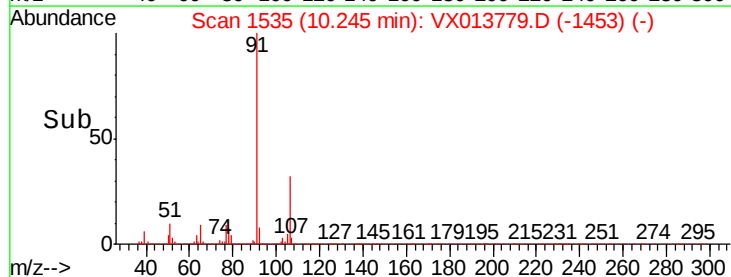
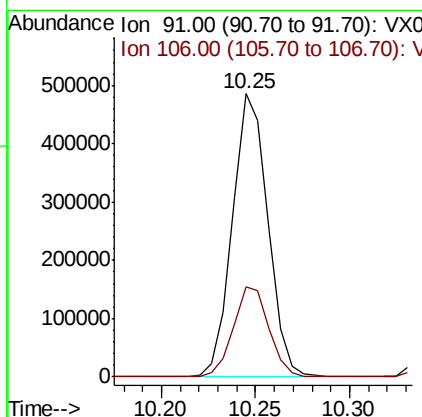
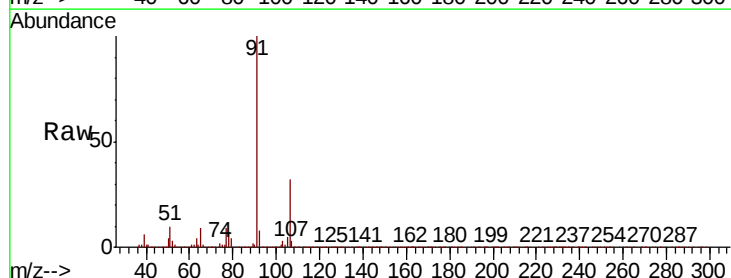
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

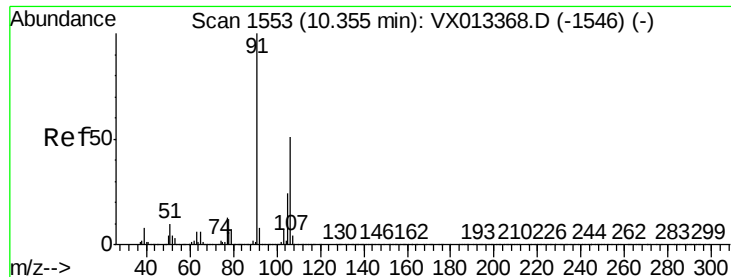
Tot Ion	Ratio	Lower	Upper
131	100		
133	98.6	0.0	192.2
119	67.6	0.0	134.4



#66
 Ethyl Benzene
 Concen: 18.077 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.0	37.4

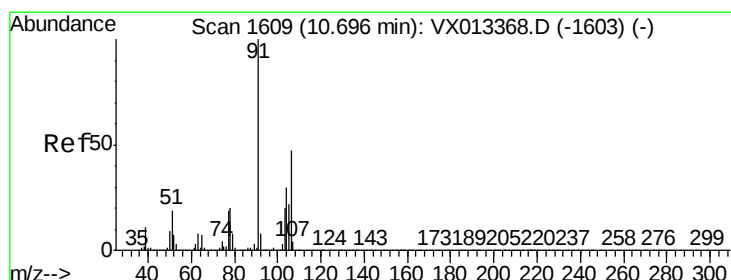
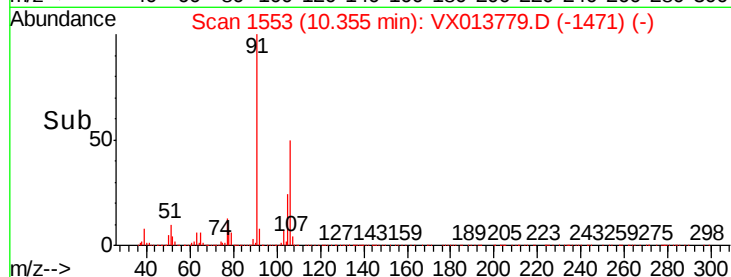
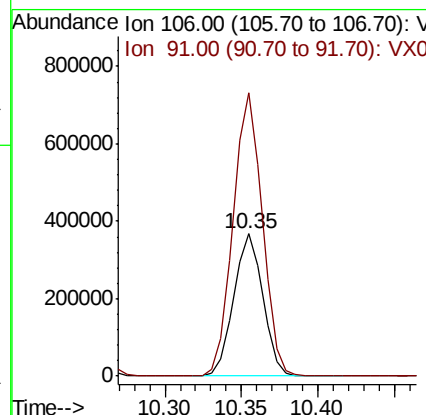
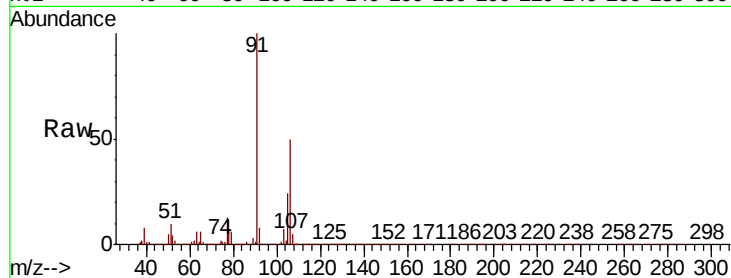




#67
m/p-Xylenes
Concen: 36.046 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

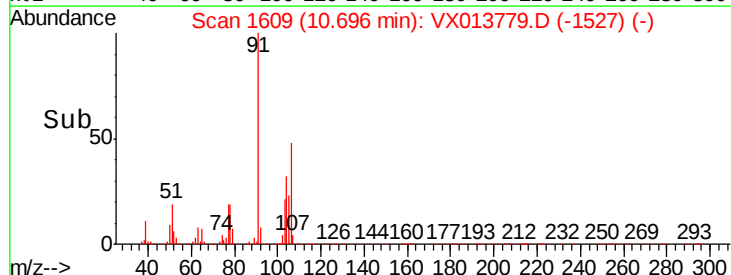
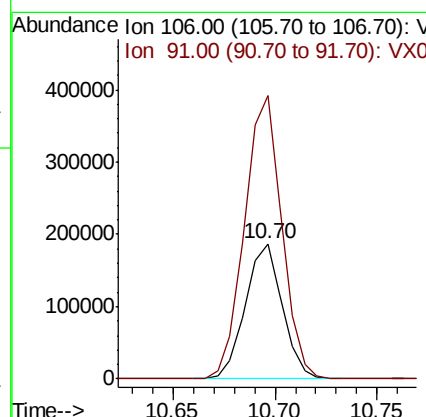
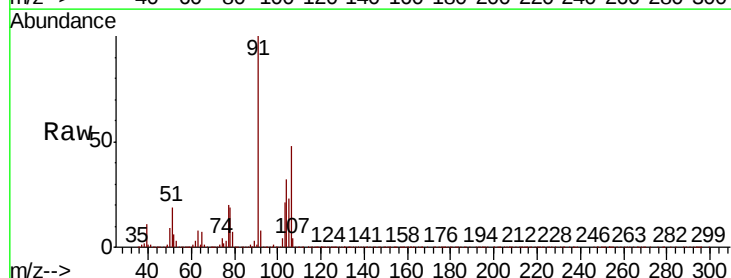
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

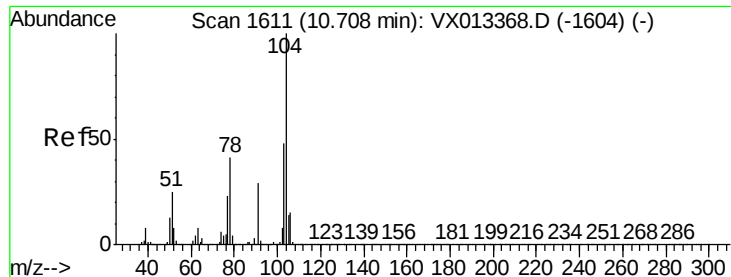
Tot Ion:106 Resp: 485602
Ion Ratio Lower Upper
106 100
91 199.3 158.4 237.6



#68
o-Xylene
Concen: 18.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion:106 Resp: 234845
Ion Ratio Lower Upper
106 100
91 210.9 106.4 319.2

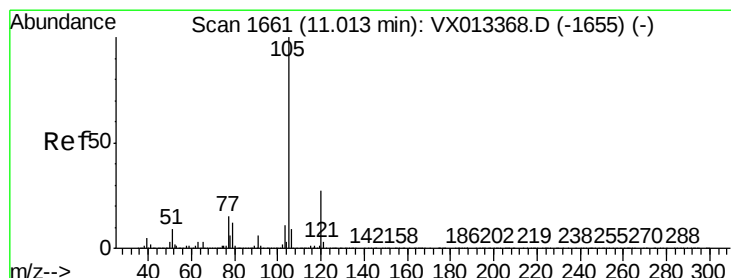
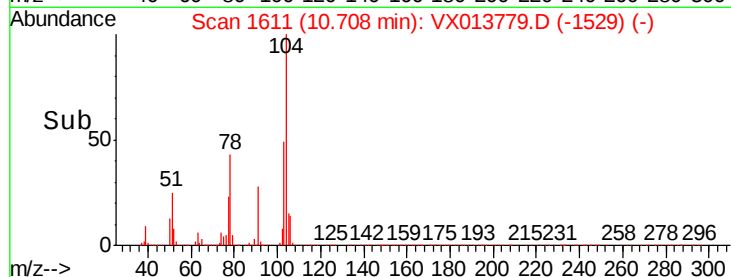
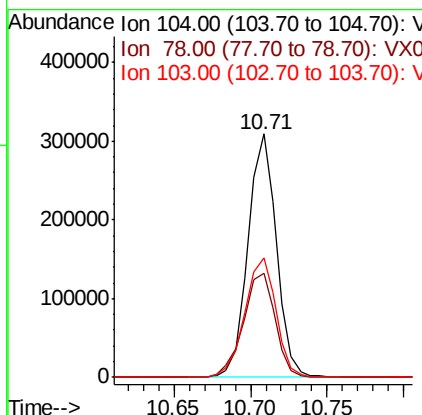
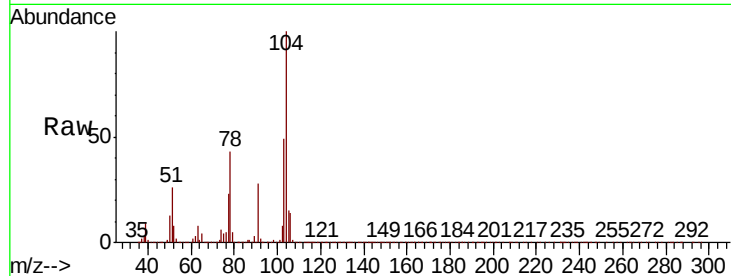




#69
Stvrene
Concen: 17.941 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

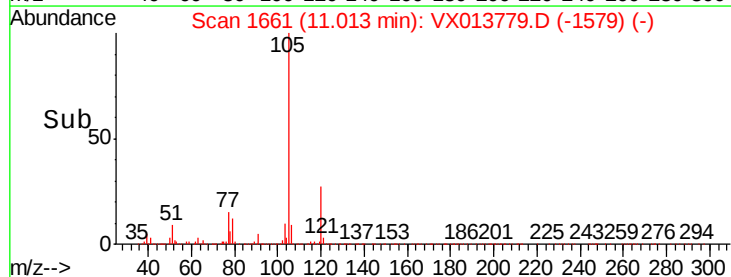
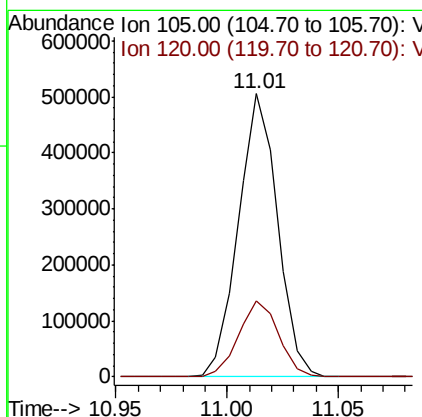
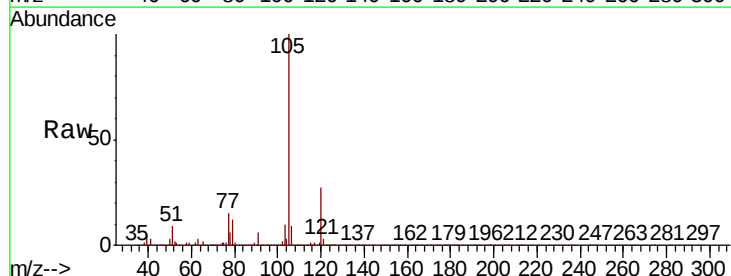
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

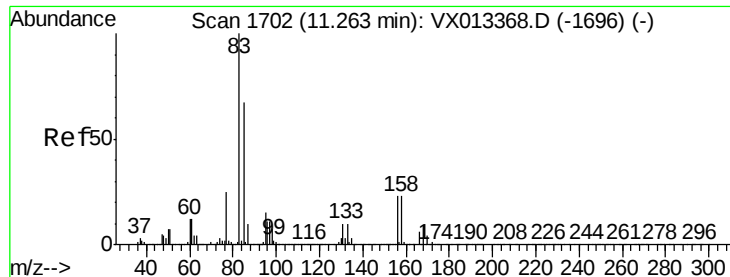
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.2	57.4
103	54.2	43.2	64.8



#70
Isopropylbenzene
Concen: 18.125 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.007 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

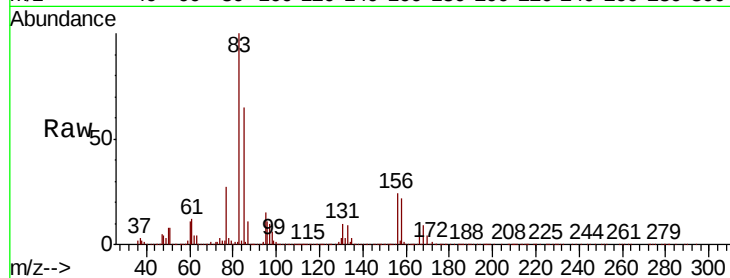
Tot Ion: 83 Resp: 220878

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

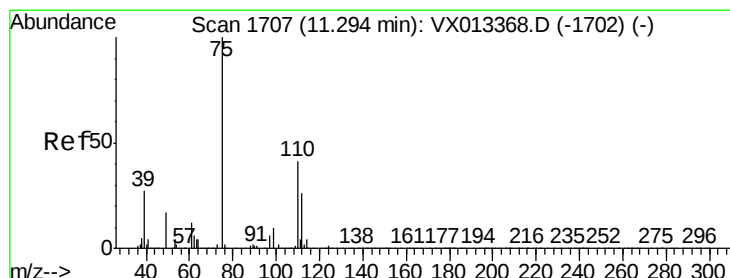
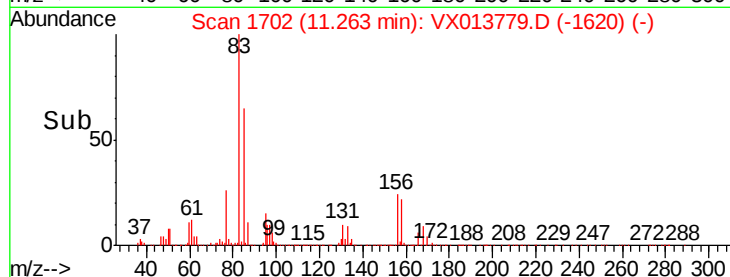
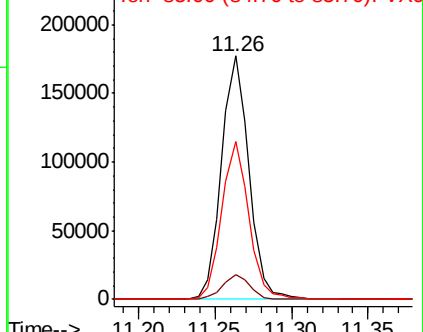
85 63.9 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.244 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013779.D

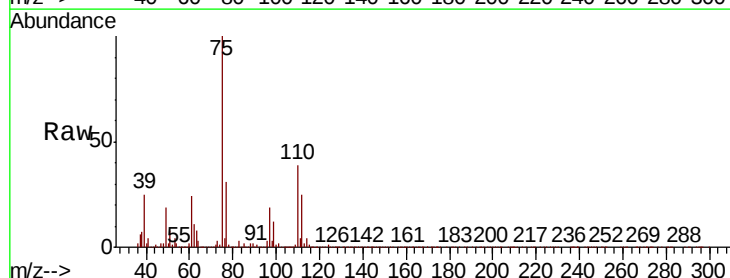
Acq: 05 Dec 2019 16:12

Tgt Ion: 75 Resp: 240741

Ion Ratio Lower Upper

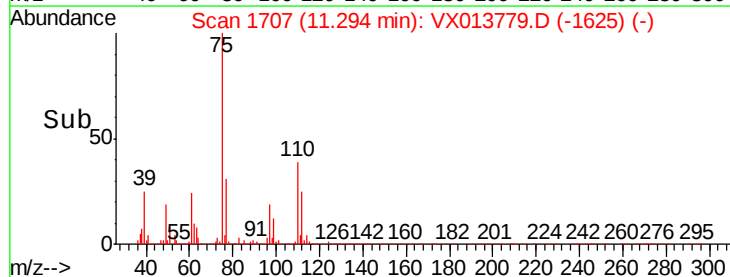
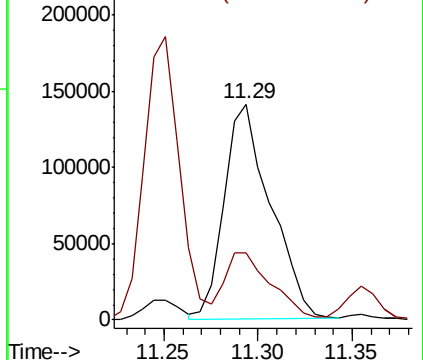
75 100

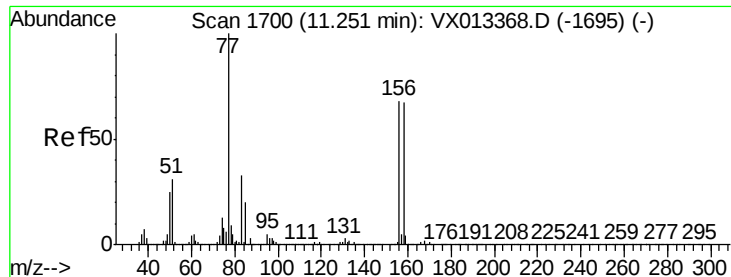
77 29.1 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.683 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

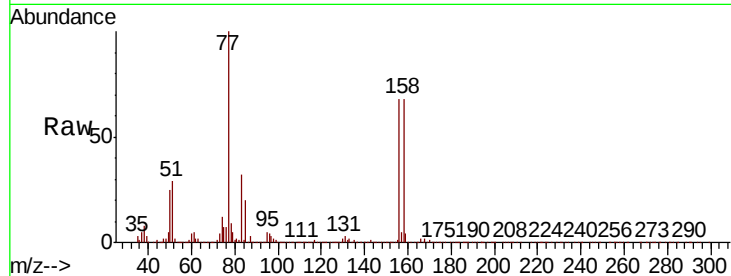
Tot Ion:156 Resp: 159754

Ion Ratio Lower Upper

156 100

77 154.1 0.0 308.8

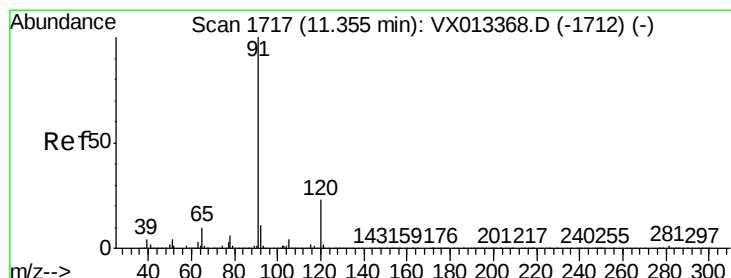
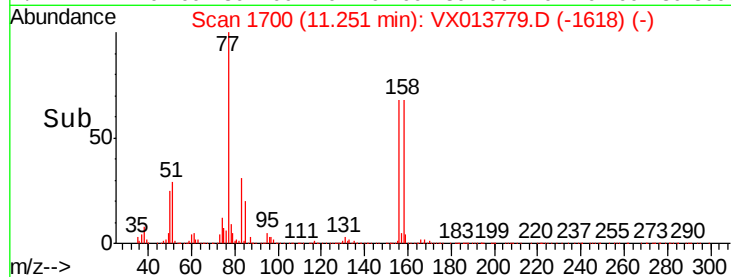
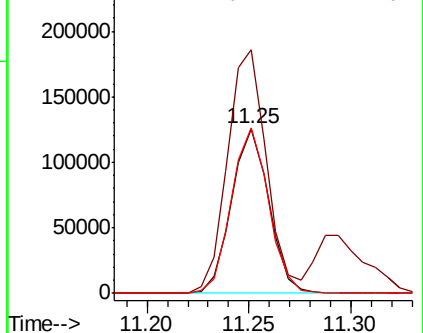
158 99.8 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.840 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013779.D

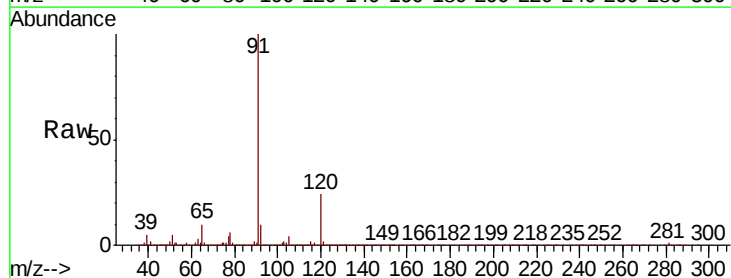
Acq: 05 Dec 2019 16:12

Tgt Ion: 91 Resp: 694557

Ion Ratio Lower Upper

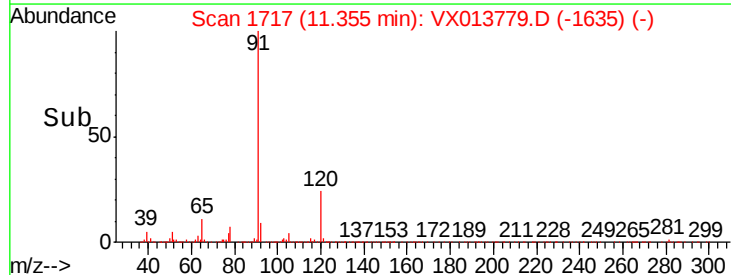
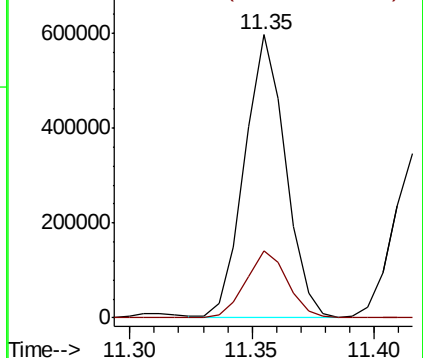
91 100

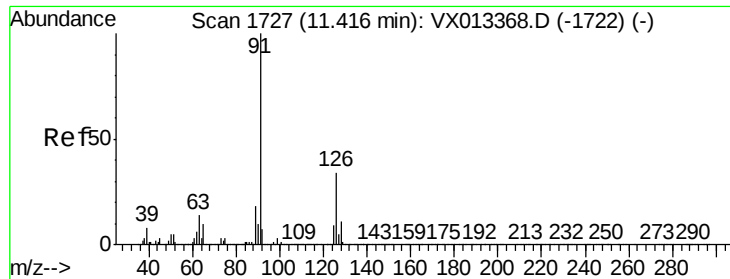
120 23.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.137 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

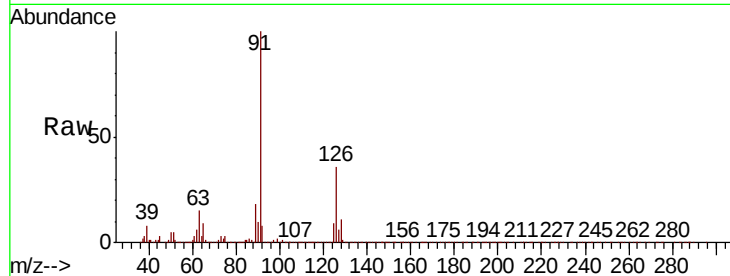
VX1205WBSD01

Tot Ion: 91 Resp: 419909

Ion Ratio Lower Upper

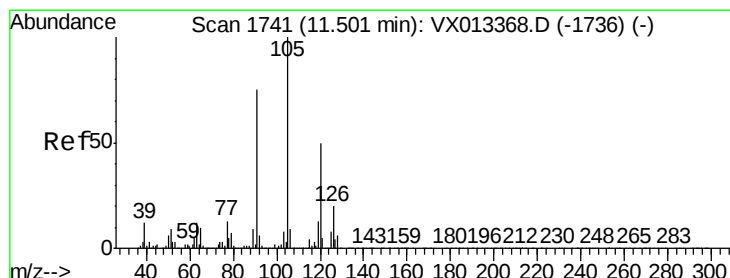
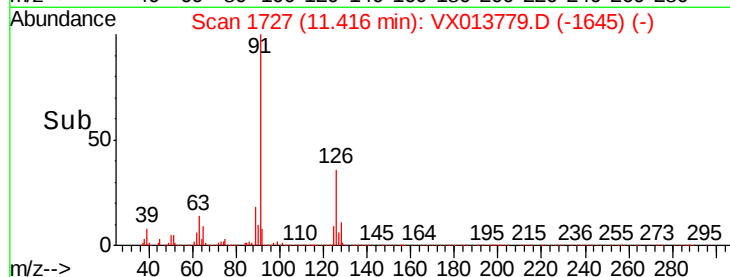
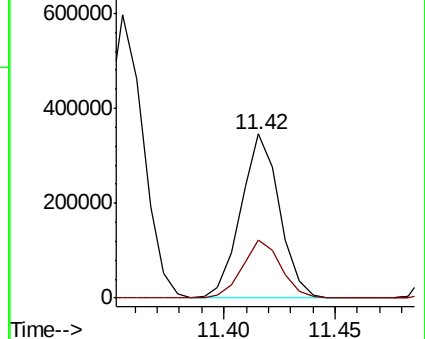
91 100

126 35.3 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.989 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013779.D

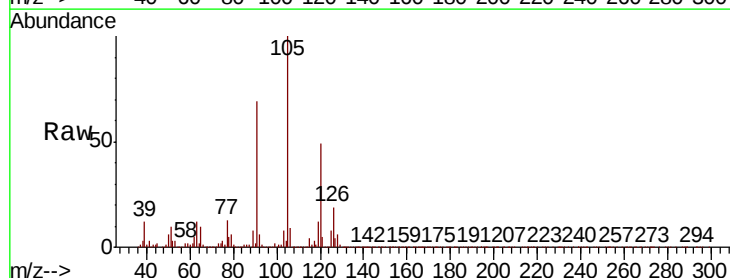
Acq: 05 Dec 2019 16:12

Tgt Ion: 105 Resp: 518007

Ion Ratio Lower Upper

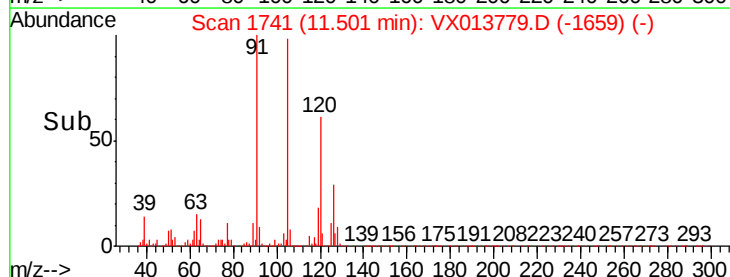
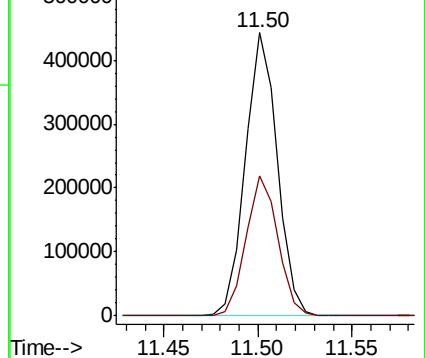
105 100

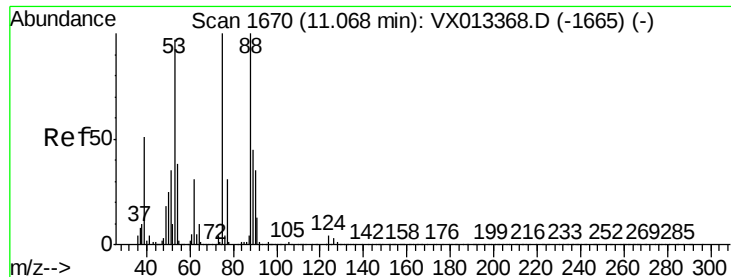
120 49.6 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 15.819 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

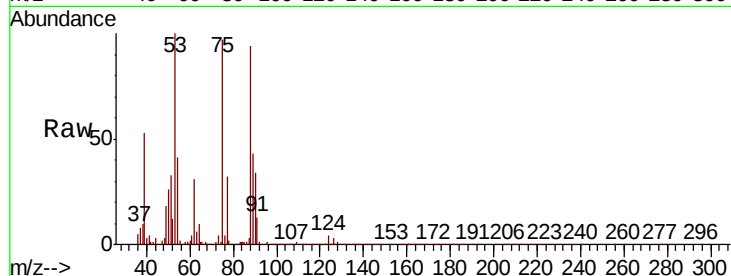
Tot Ion: 75 Resp: 66249

Ion Ratio Lower Upper

75 100

53 103.2 48.8 146.3

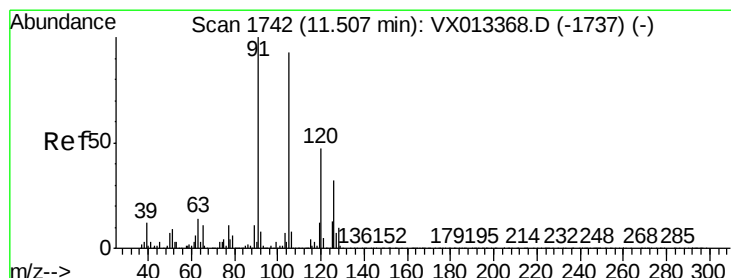
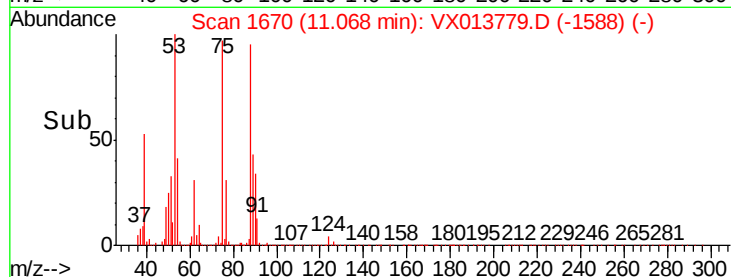
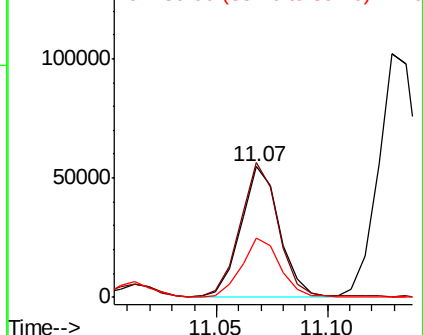
89 44.5 22.3 66.8



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: 17.761 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013779.D

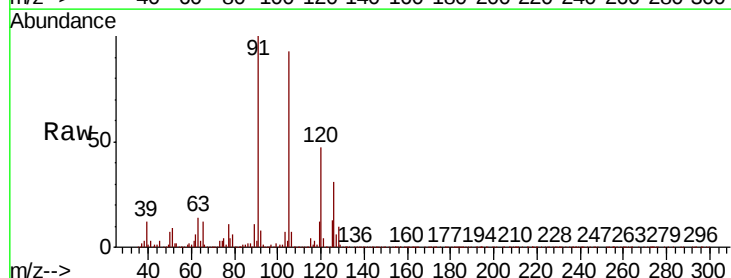
Acq: 05 Dec 2019 16:12

Tgt Ion: 91 Resp: 471109

Ion Ratio Lower Upper

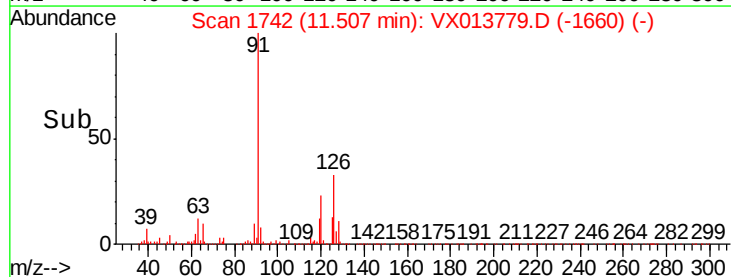
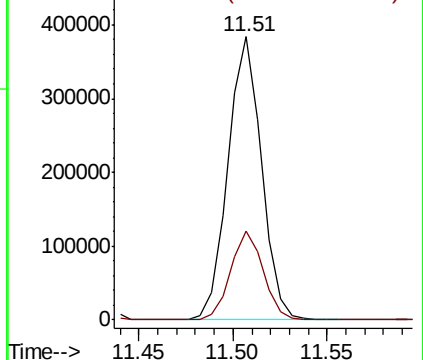
91 100

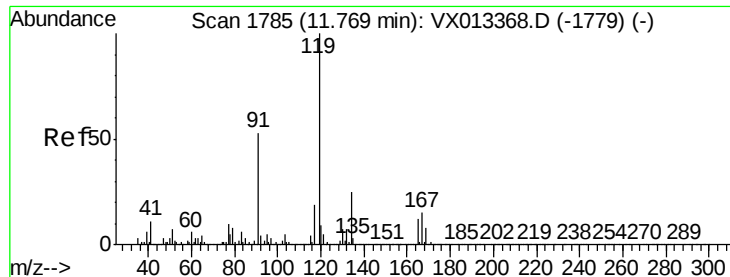
126 30.4 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.070 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

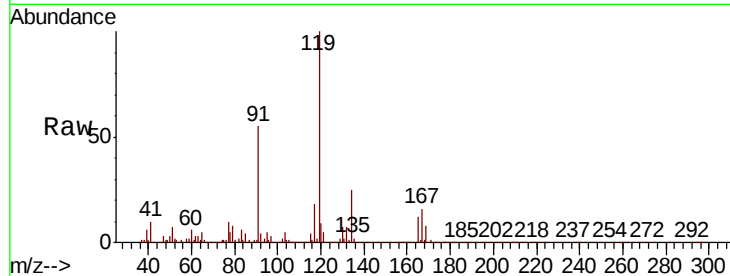
Tot Ion:119 Resp: 524997

Ion Ratio Lower Upper

119 100

91 54.6 0.0 109.6

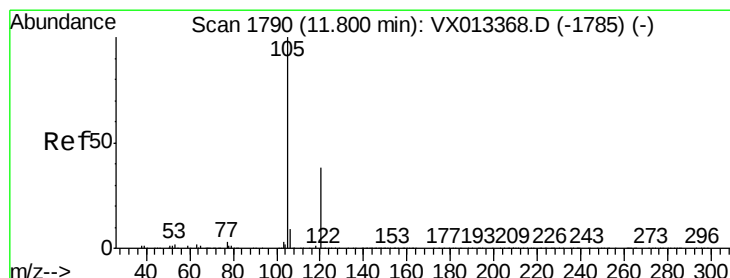
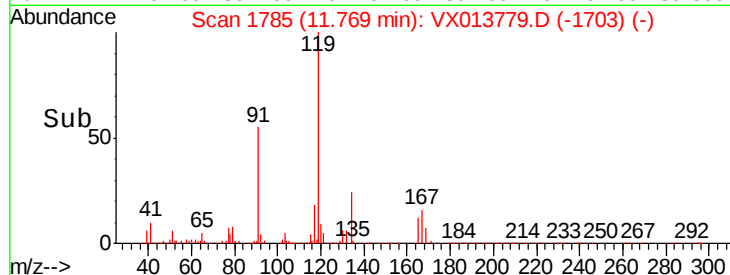
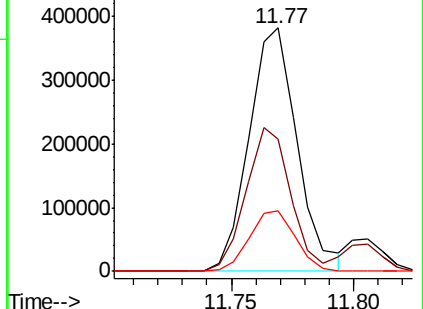
134 23.7 0.0 47.8



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: 17.999 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013779.D

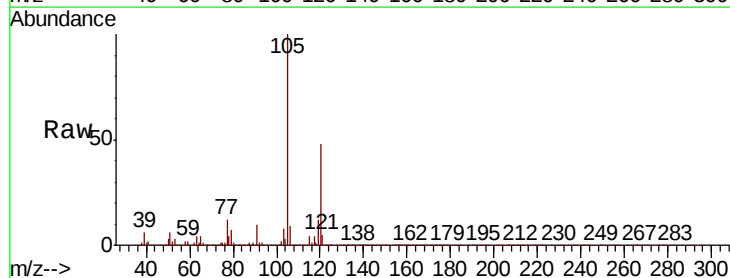
Acq: 05 Dec 2019 16:12

Tgt Ion:105 Resp: 516499

Ion Ratio Lower Upper

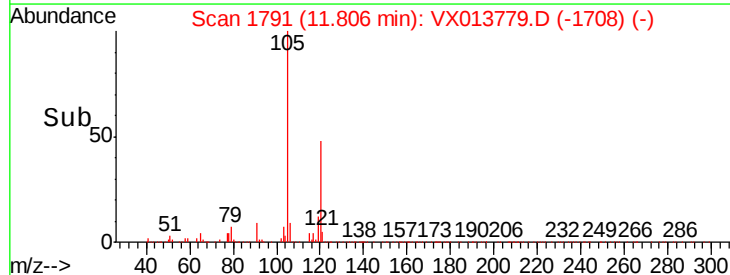
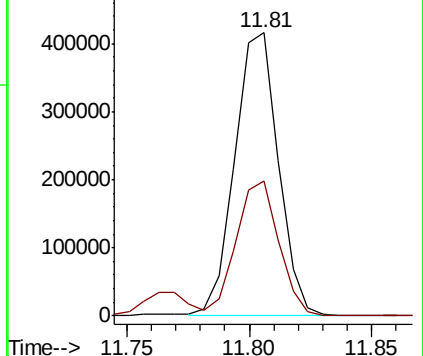
105 100

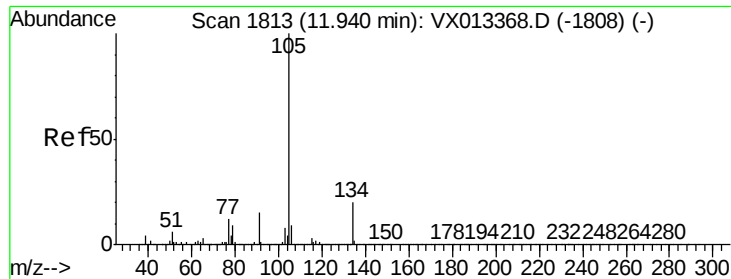
120 46.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

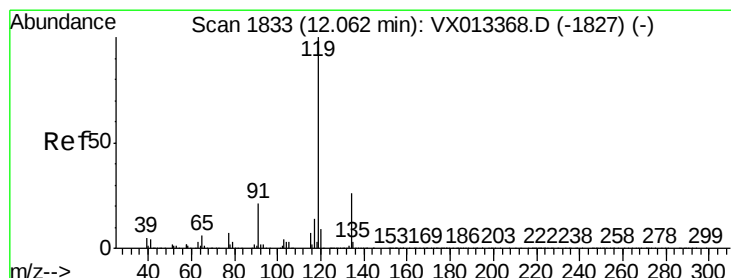
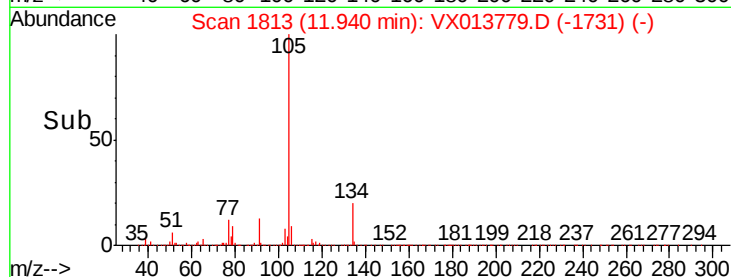
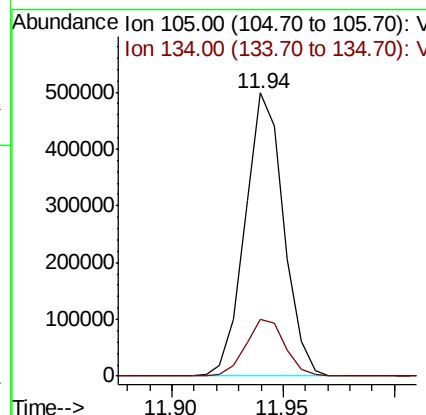
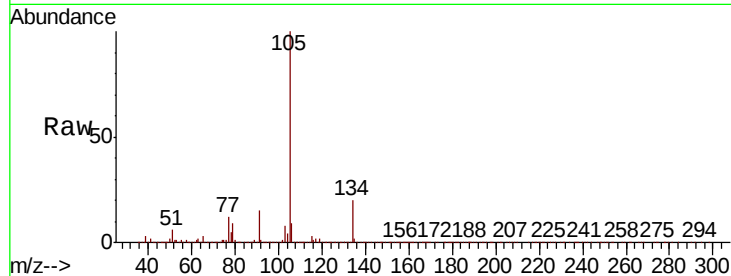




#81
 sec-Butylbenzene
 Concen: 18.152 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

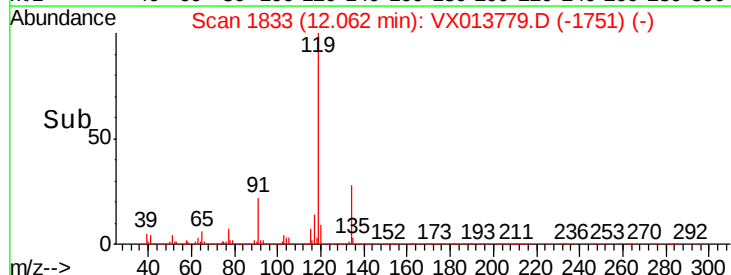
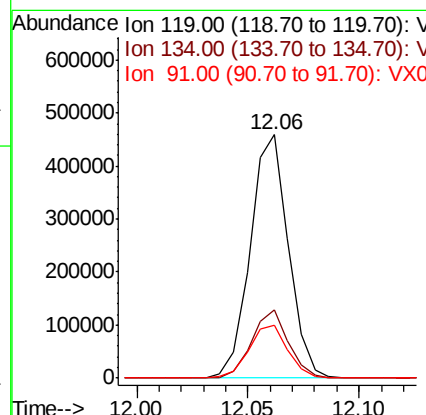
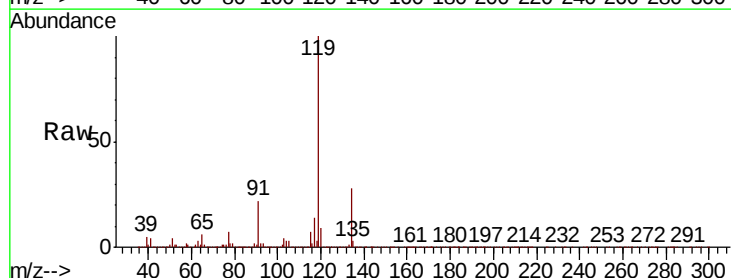
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

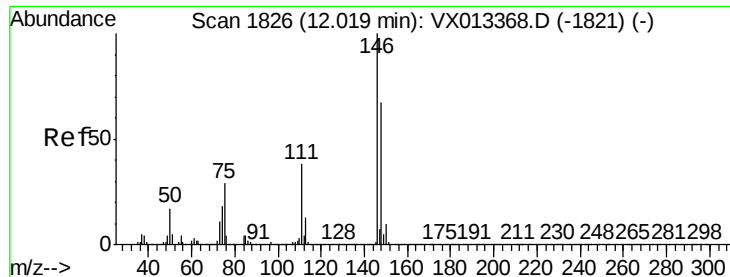
Tot Ion:105 Resp: 601699
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.826 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion:119 Resp: 544420
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.6
 91 22.2 0.0 44.2

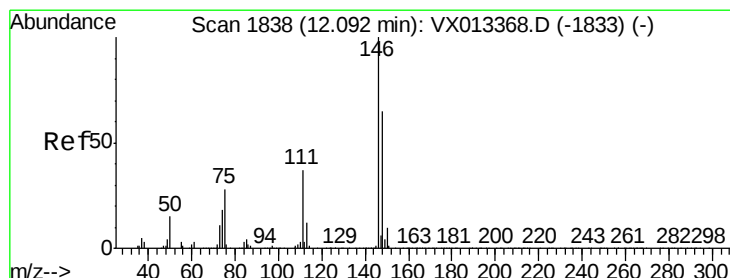
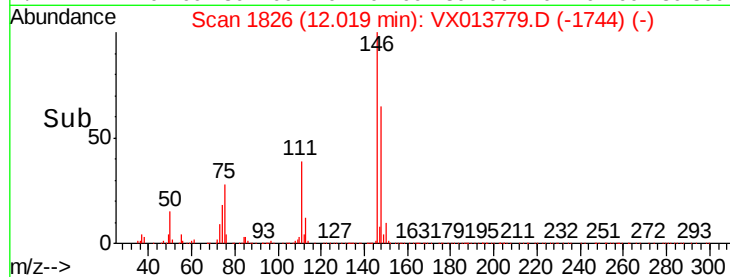
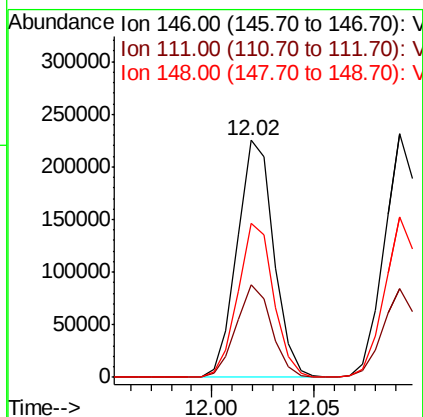
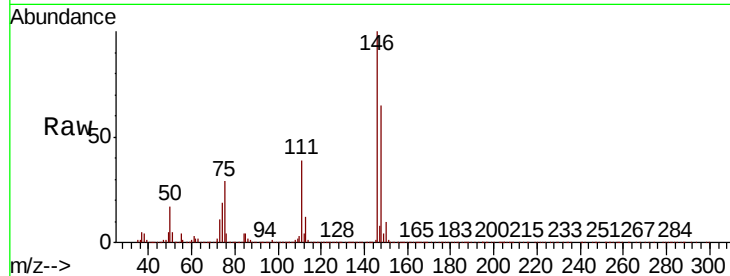




#83
 1,3-Dichlorobenzene
 Concen: 17.627 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

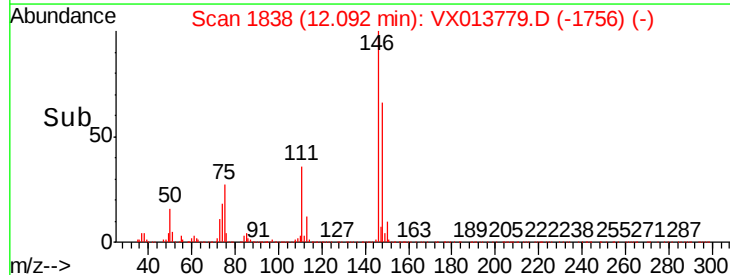
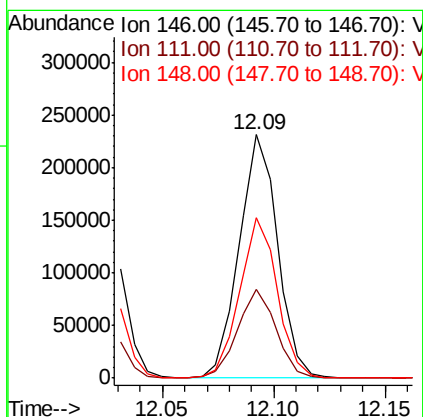
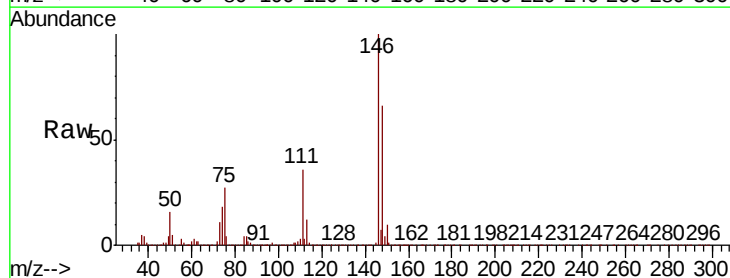
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

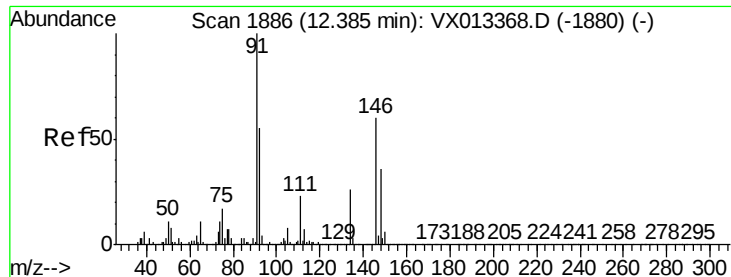
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.7	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 17.655 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	64.8	32.5	97.4





#85

n-Butylbenzene

Concen: 16.758 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

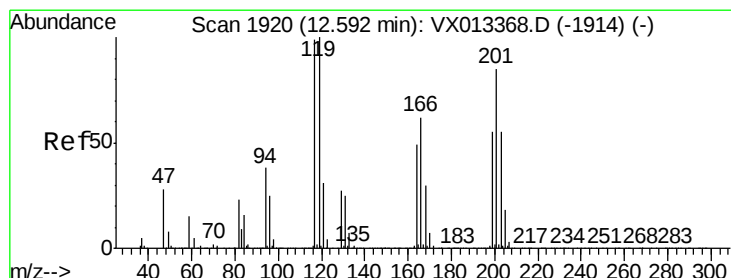
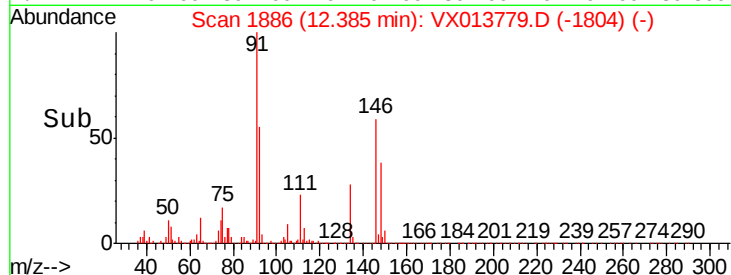
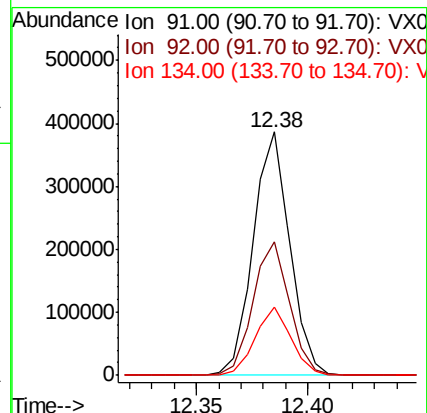
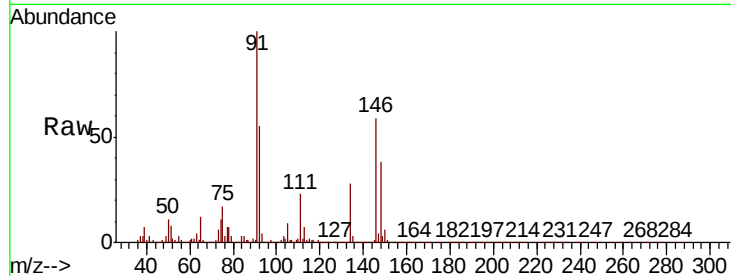
Tot Ion: 91 Resp: 441729

Ion Ratio Lower Upper

91 100

92 55.0 0.0 109.0

134 27.7 0.0 53.0



#86

Hexachloroethane

Concen: 17.370 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013779.D

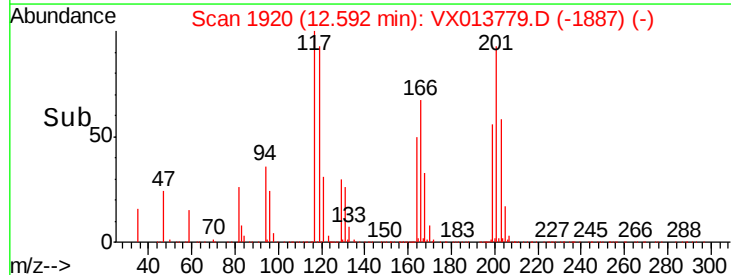
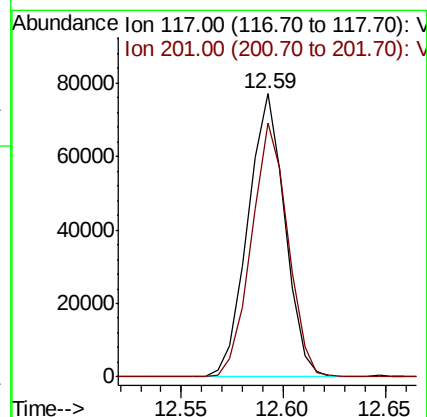
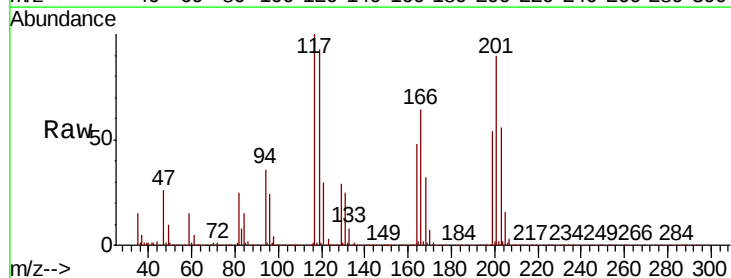
Acq: 05 Dec 2019 16:12

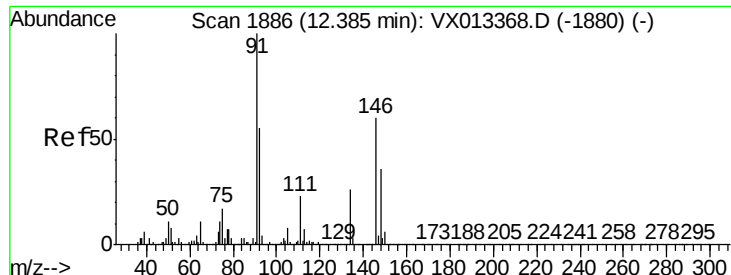
Tgt Ion: 117 Resp: 97352

Ion Ratio Lower Upper

117 100

201 88.1 44.5 133.3

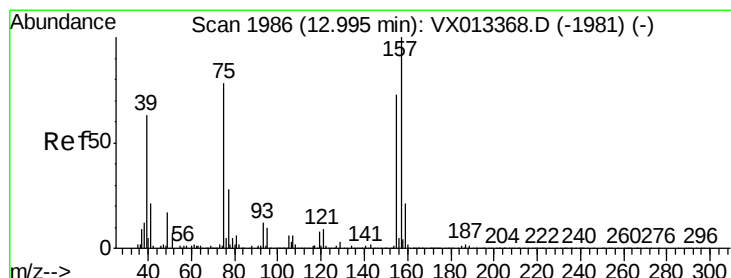
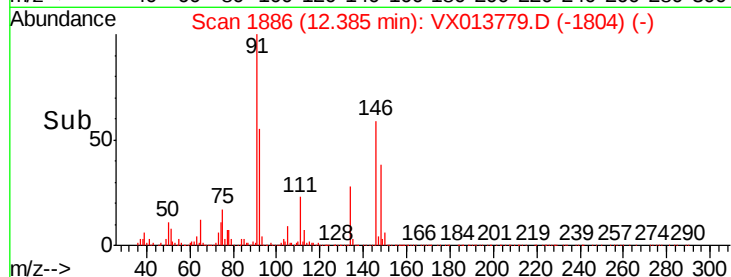
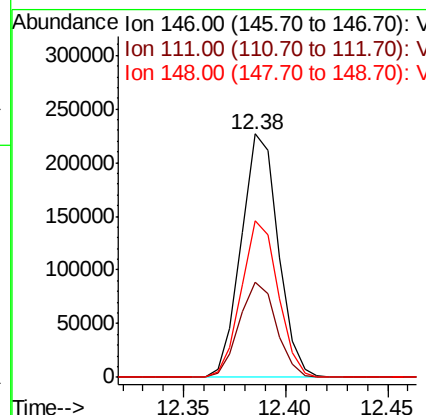
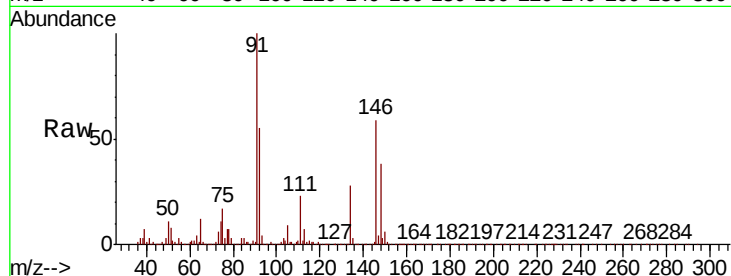




#87
 1,2-Dichlorobenzene
 Concen: 17.933 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

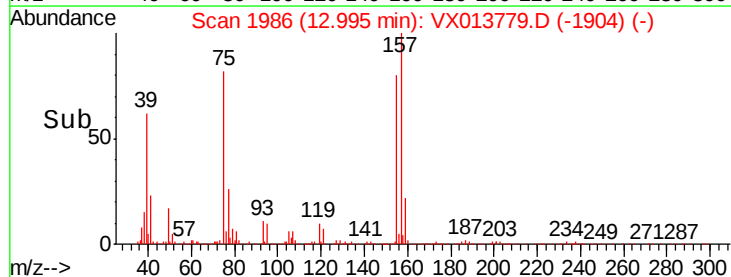
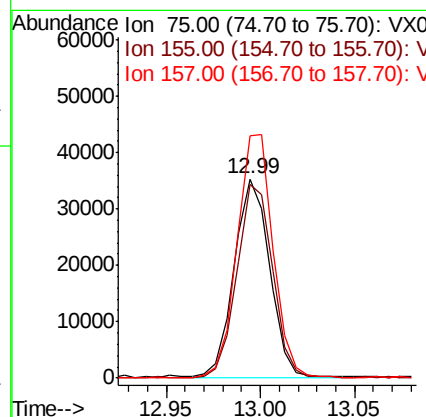
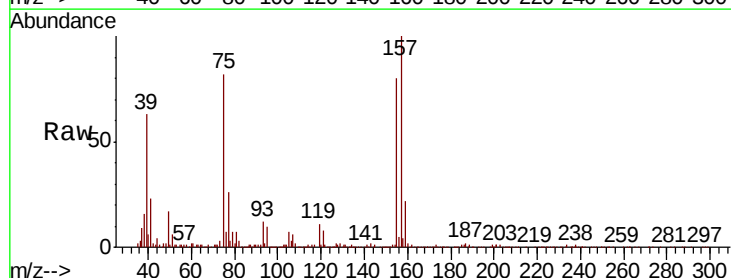
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

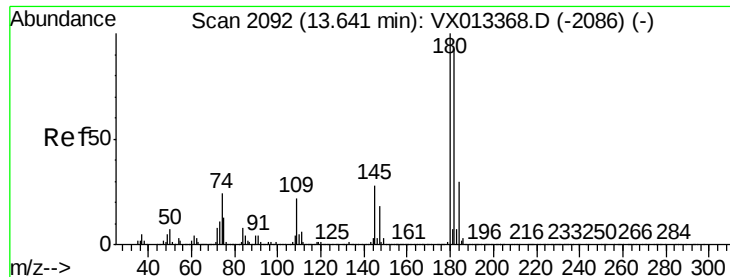
Tot Ion:146 Resp: 284831
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 64.3 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion: 75 Resp: 45963
 Ion Ratio Lower Upper
 75 100
 155 98.9 76.9 115.3
 157 123.8 101.2 151.8





#89

1,2,4-Trichlorobenzene

Concen: 17.135 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

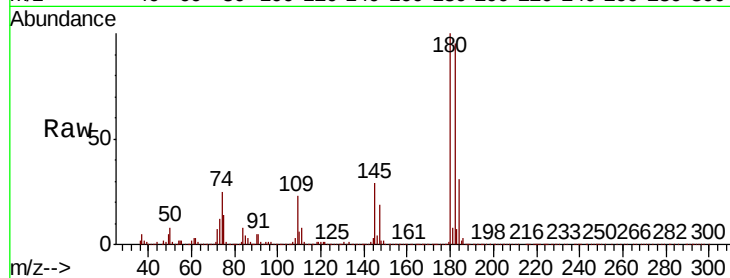
Tot Ion:180 Resp: 187647

Ion Ratio Lower Upper

180 100

182 93.3 74.7 112.1

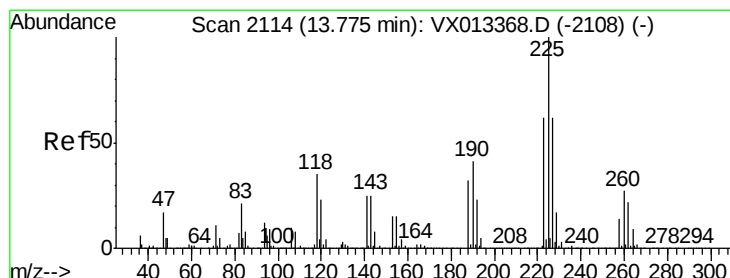
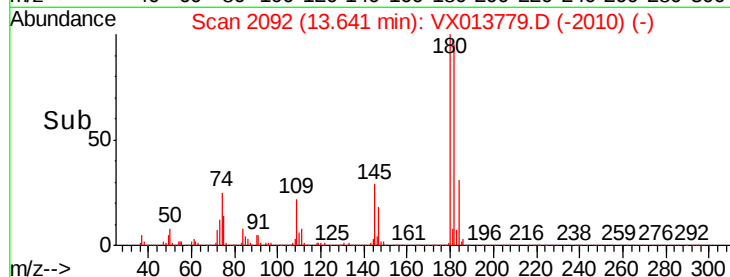
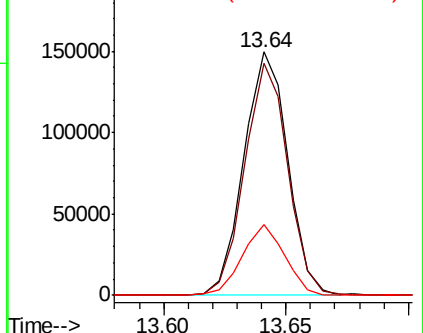
145 28.2 22.1 33.1



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: 16.874 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

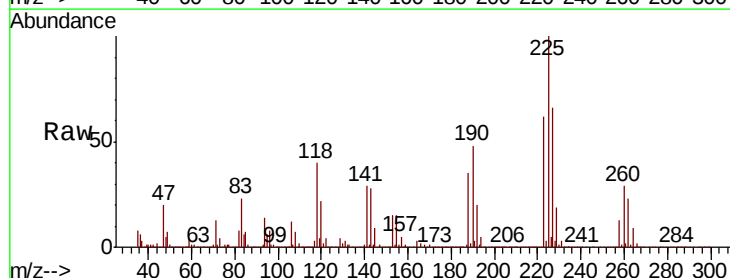
Tgt Ion:225 Resp: 88551

Ion Ratio Lower Upper

225 100

223 62.6 0.0 123.0

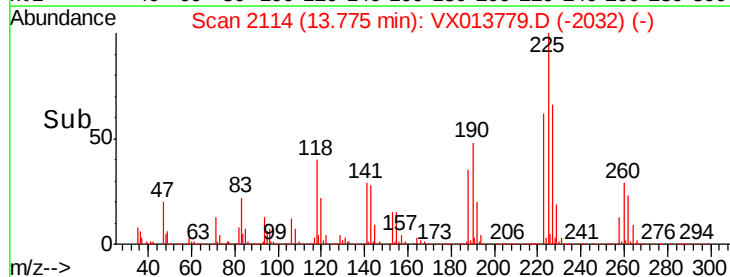
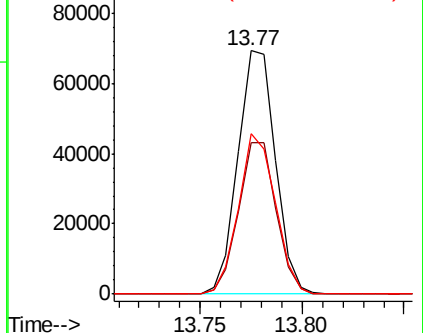
227 64.6 0.0 121.8

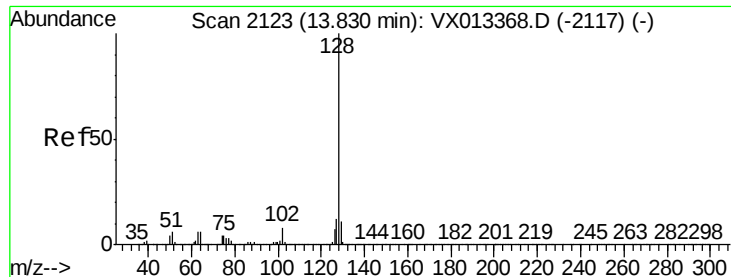


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

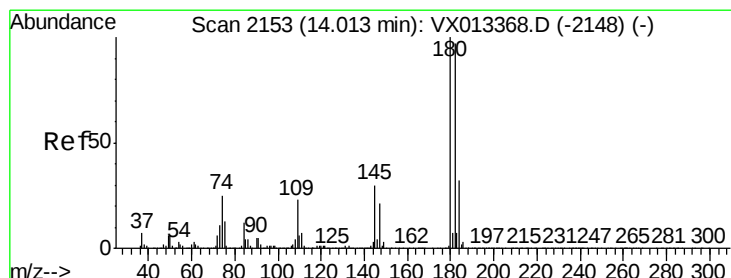
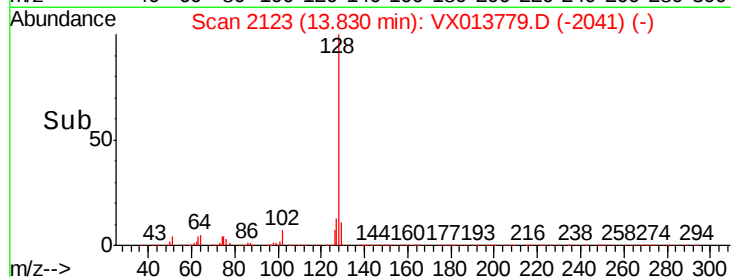
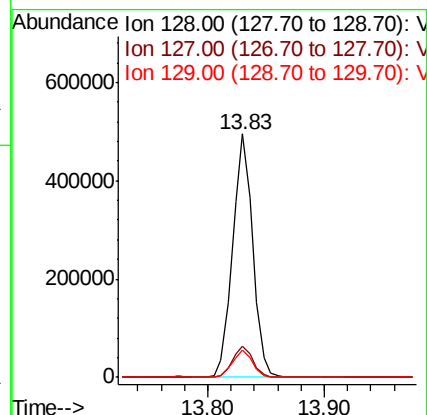
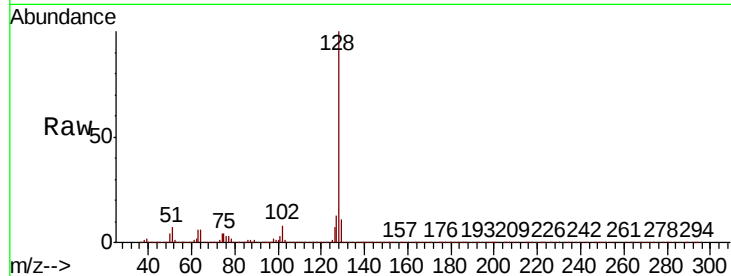




#91
Naphthalene
Concen: 17.079 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion:128 Resp: 592187
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 16.774 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion:180 Resp: 185640
Ion Ratio Lower Upper
180 100
182 99.5 0.0 191.0
145 30.6 0.0 59.0

