

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014087.D
 Acq On : 18 Dec 2019 11:31
 Operator : JC/SP
 Sample : VX1218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Quant Time: Dec 18 16:16:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	505658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	765853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	693594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	294351	51.36	ug/l	0.00
Spiked Amount						
			Recovery	=	102.72%	
35) Dibromofluoromethane	5.48	113	236207	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
50) Toluene-d8	8.71	98	903526	49.85	ug/l	0.00
Spiked Amount						
			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	320455	48.37	ug/l	0.00
Spiked Amount						
			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	82673	18.275	ug/l	95
3) Chloromethane	1.32	50	116099	19.124	ug/l	97
4) Vinyl Chloride	1.40	62	118930	18.566	ug/l	99
5) Bromomethane	1.63	94	78343	17.231	ug/l	99
6) Chloroethane	1.72	64	79778	20.178	ug/l	97
7) Trichlorofluoromethane	1.92	101	150532	18.983	ug/l	98
8) Diethyl Ether	2.18	74	72144	19.385	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91717	19.187	ug/l	98
10) Methyl Iodide	2.50	142	113558	19.690	ug/l	99
11) Tert butyl alcohol	3.02	59	125972	101.728	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89934	18.489	ug/l	99
13) Acrolein	2.28	56	87601	123.581	ug/l	100
14) Allyl chloride	2.72	41	167737	19.314	ug/l	99
15) Acrylonitrile	3.13	53	311018	107.606	ug/l	99
16) Acetone	2.43	43	313291	84.204	ug/l	97
17) Carbon Disulfide	2.56	76	244715	18.601	ug/l	99
18) Methyl Acetate	2.76	43	157206	21.323	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	323260	20.224	ug/l	97
20) Methylene Chloride	2.84	84	110074	18.787	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	100140	18.687	ug/l	99
22) Diisopropyl ether	3.84	45	353092	20.402	ug/l	90
23) Vinyl Acetate	3.80	43	1525423	108.009	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182706	18.975	ug/l	98
25) 2-Butanone	4.65	43	450901	98.298	ug/l	99
26) 2,2-Dichloropropane	4.57	77	138442	18.519	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116284	19.187	ug/l	99
28) Bromochloromethane	5.00	49	79532	21.736	ug/l	97
29) Tetrahydrofuran	5.11	42	280886	109.479	ug/l	98
30) Chloroform	5.20	83	178675	19.575	ug/l	98
31) Cyclohexane	5.57	56	165062	19.275	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	144479	18.572	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131493	18.712	ug/l	99
37) Ethyl Acetate	4.81	43	163182	21.029	ug/l	97
38) Carbon Tetrachloride	5.78	117	122071	19.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166014	19.133	ug/l	94
40) Benzene	6.13	78	416151	19.247	ug/l	99
41) Methacrylonitrile	5.03	41	91706	21.299	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148416	20.250	ug/l	100
43) Isopropyl Acetate	6.43	43	265336	20.661	ug/l	99
44) Trichloroethene	7.20	130	111118	18.606	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111591	20.136	ug/l	97
46) Dibromomethane	7.65	93	71526	19.521	ug/l	98
47) Bromodichloromethane	7.89	83	136303	19.752	ug/l	99
48) Methyl methacrylate	7.76	41	129370	20.572	ug/l	98
49) 1,4-Dioxane	7.73	88	55051	430.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	845857	104.877	ug/l	99
52) Toluene	8.78	92	255935	18.727	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	147671	19.516	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168115	19.943	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109232	19.942	ug/l	100
56) Ethyl methacrylate	9.17	69	170827	19.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186390	20.225	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	329557	101.213	ug/l	99
59) 2-Hexanone	9.48	43	644144	99.213	ug/l	99
60) Dibromochloromethane	9.57	129	107362	19.719	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116196	20.734	ug/l	99
64) Tetrachloroethene	9.33	164	109156	17.785	ug/l	97
65) Chlorobenzene	10.14	112	280156	18.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101801	19.333	ug/l	99
67) Ethyl Benzene	10.25	91	485244	19.138	ug/l	100
68) m/p-Xylenes	10.35	106	369680	37.909	ug/l	99
69) o-Xylene	10.70	106	177830	18.594	ug/l	98
70) Styrene	10.71	104	303913	18.792	ug/l	98
71) Bromoform	10.85	173	80725	19.072	ug/l #	98
73) Isopropylbenzene	11.01	105	468612	19.789	ug/l	99
74) N-amyl acetate	10.89	43	222393	20.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170216	20.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187564	25.688	ug/l	88
77) Bromobenzene	11.25	156	126759	19.456	ug/l	98
78) n-propylbenzene	11.35	91	533594	20.089	ug/l	100
79) 2-Chlorotoluene	11.42	91	319599	19.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	391534	19.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51480	19.900	ug/l	94
82) 4-Chlorotoluene	11.51	91	364245	19.449	ug/l	100
83) tert-Butylbenzene	11.76	119	379908	19.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392124	19.648	ug/l	99
85) sec-Butylbenzene	11.94	105	454755	19.862	ug/l	99
86) p-Isopropyltoluene	12.06	119	410123	19.583	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216096	18.925	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217343	18.720	ug/l	99
89) n-Butylbenzene	12.39	91	344216	19.262	ug/l	99
90) Hexachloroethane	12.59	117	70435	18.724	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215377	18.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33876	18.647	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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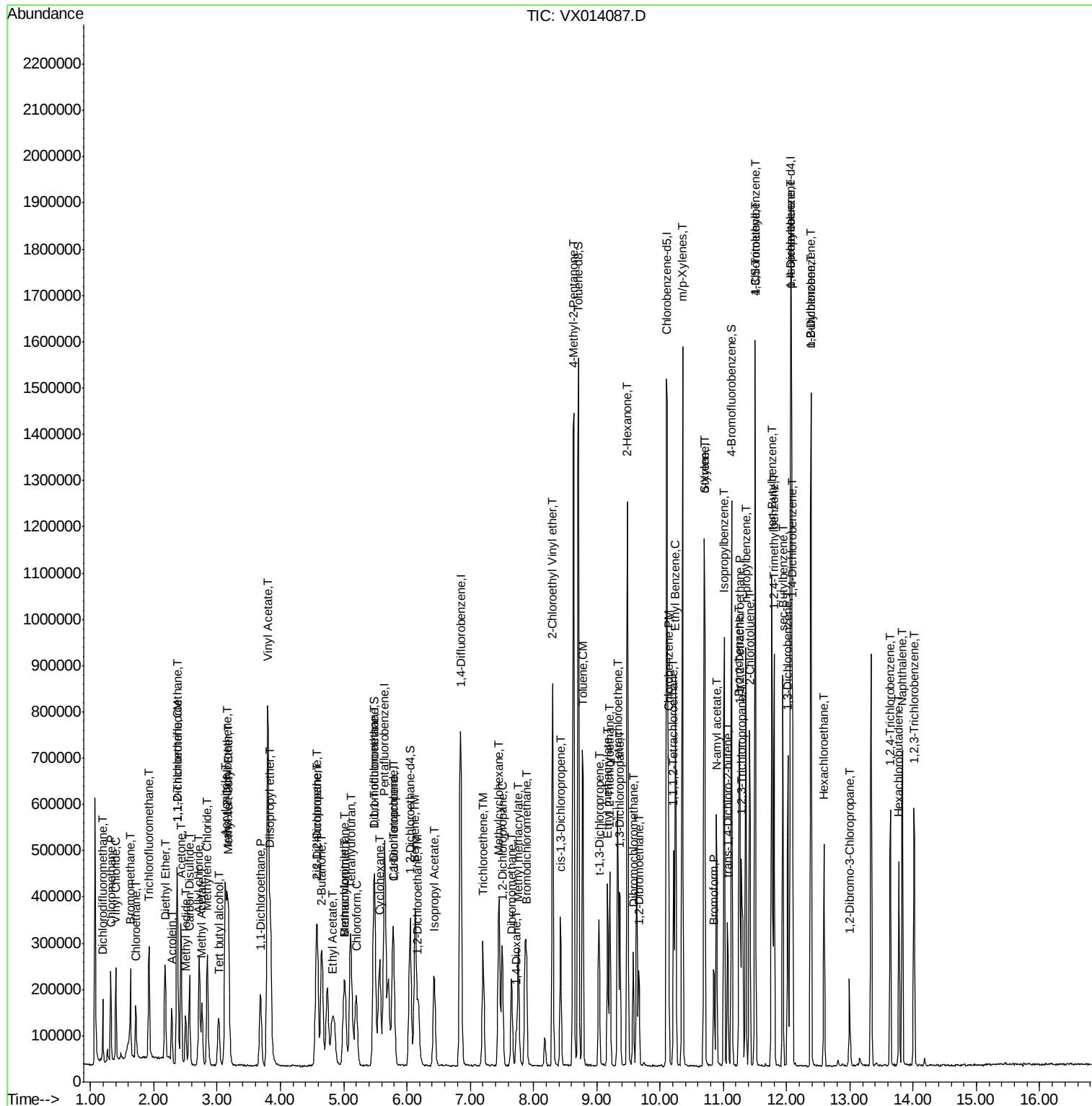
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141805	18.981	ug/l	98
94) Hexachlorobutadiene	13.78	225	66723	18.583	ug/l	98
95) Naphthalene	13.83	128	429498	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143140	19.409	ug/l	99

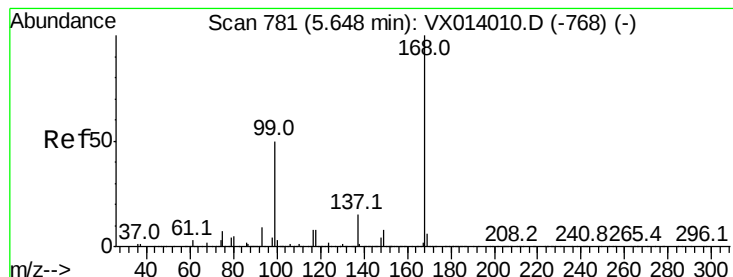
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 16:16:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

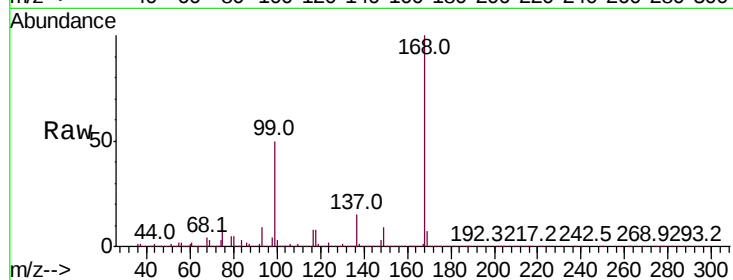
VX1218WBSD01

Tot Ion:168 Resp: 505658

Ion Ratio Lower Upper

168 100

99 49.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

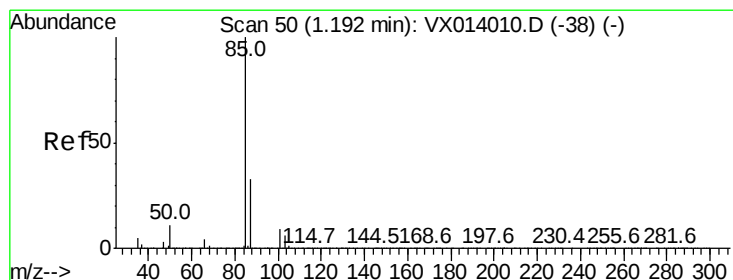
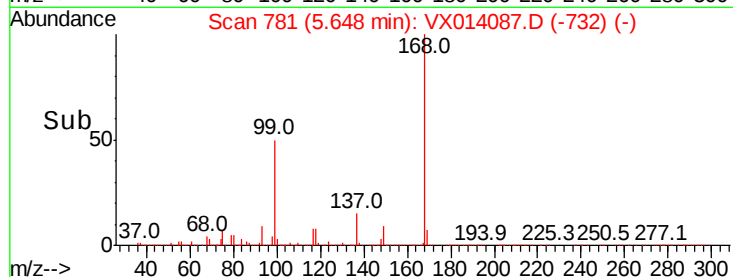
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.275 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014087.D

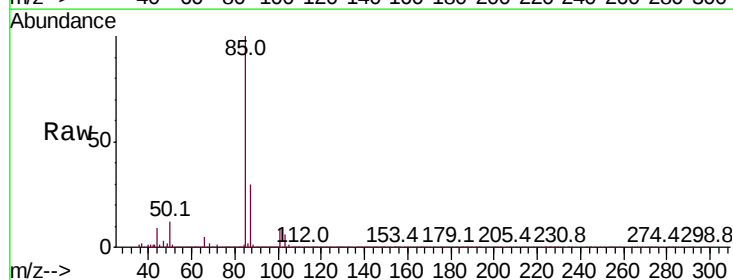
Acq: 18 Dec 2019 11:31

Tgt Ion: 85 Resp: 82673

Ion Ratio Lower Upper

85 100

87 29.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

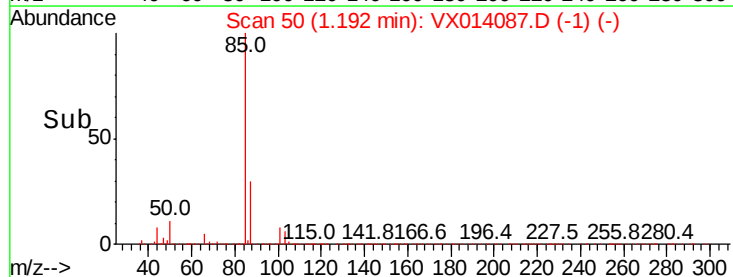
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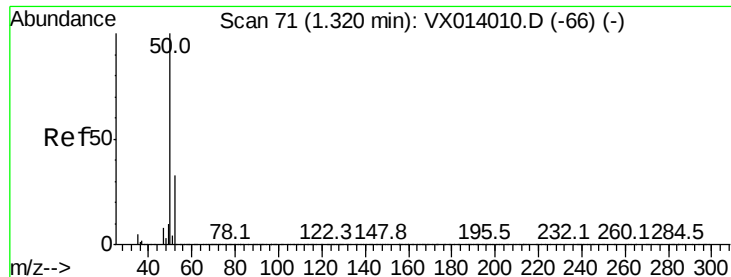
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.124 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

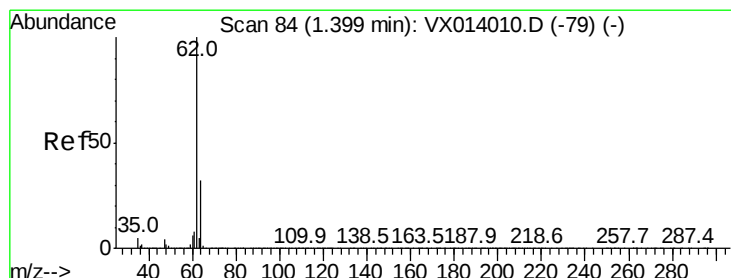
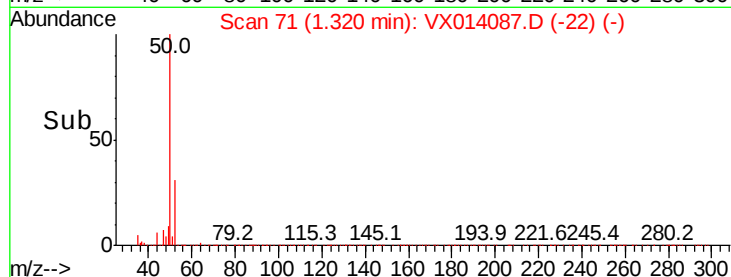
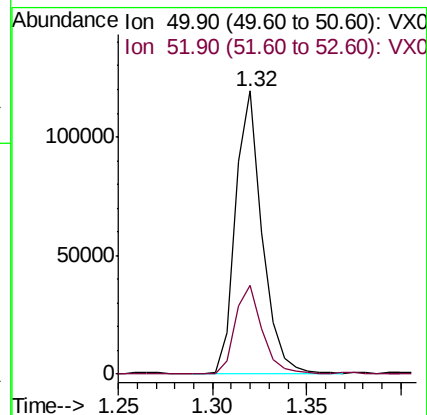
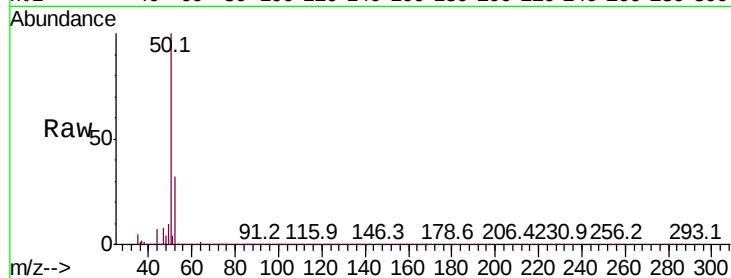
VX1218WBSD01

Tot Ion: 50 Resp: 116099

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.4



#4

Vinyl Chloride

Concen: 18.566 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014087.D

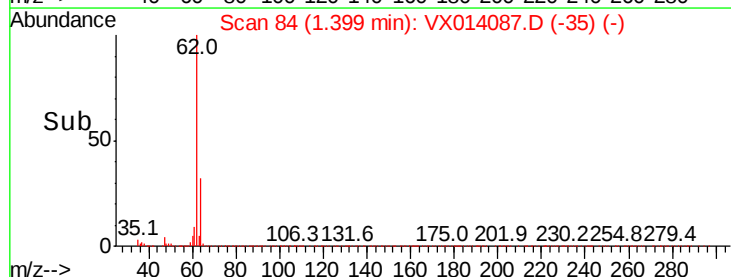
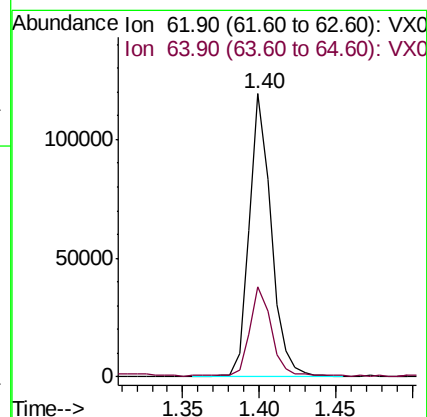
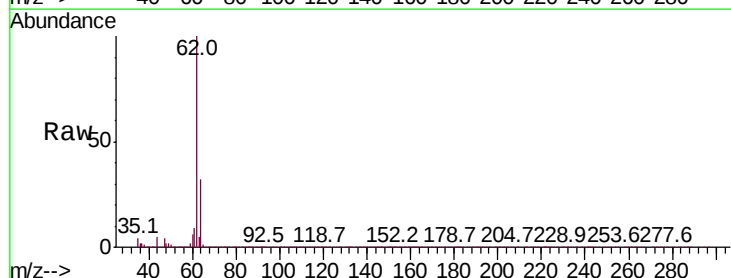
Acq: 18 Dec 2019 11:31

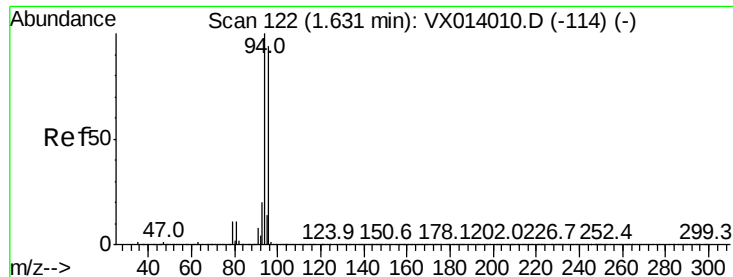
Tgt Ion: 62 Resp: 118930

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 17.231 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

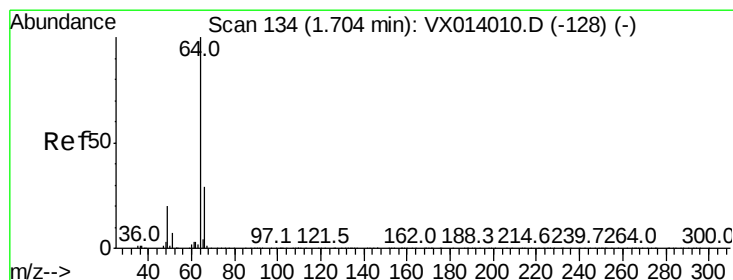
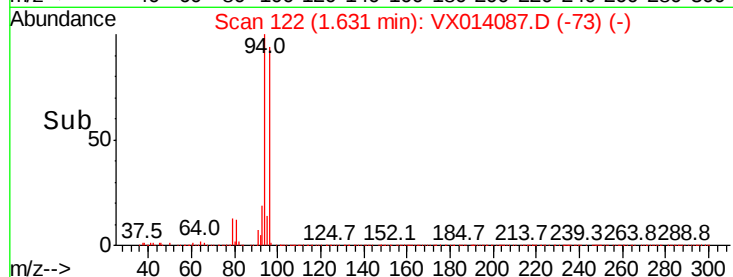
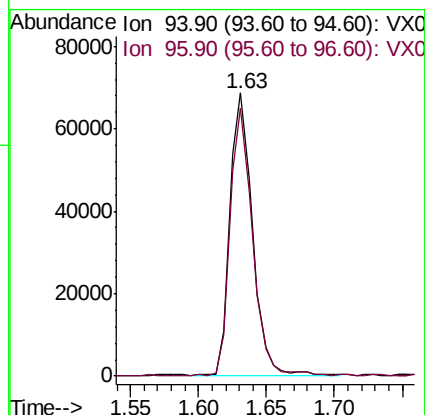
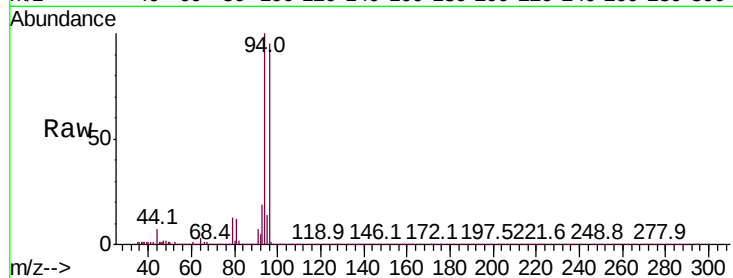
VX1218WBSD01

Tot Ion: 94 Resp: 78343

Ion Ratio Lower Upper

94 100

96 94.8 75.2 112.8



#6

Chloroethane

Concen: 20.178 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014087.D

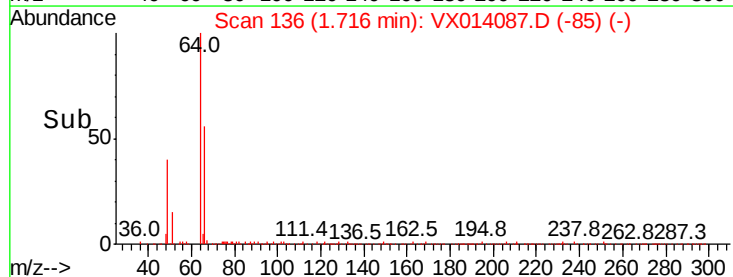
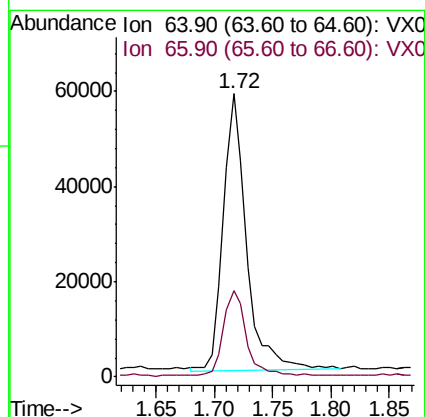
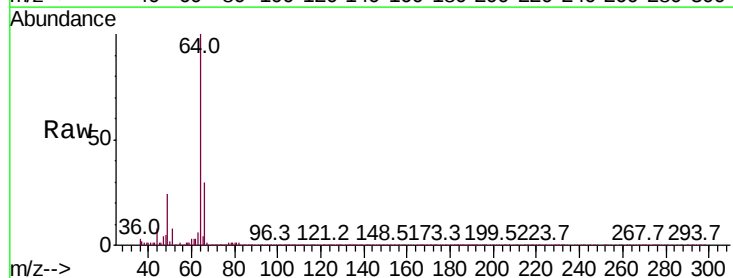
Acq: 18 Dec 2019 11:31

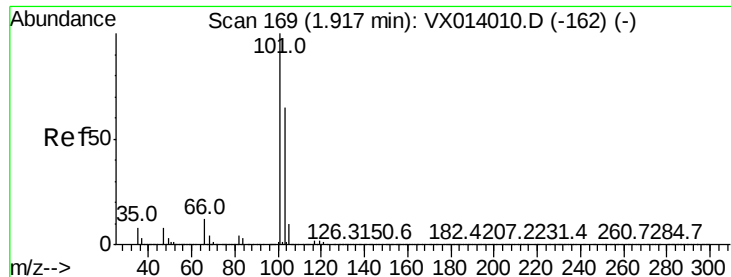
Tgt Ion: 64 Resp: 79778

Ion Ratio Lower Upper

64 100

66 30.9 23.4 35.2



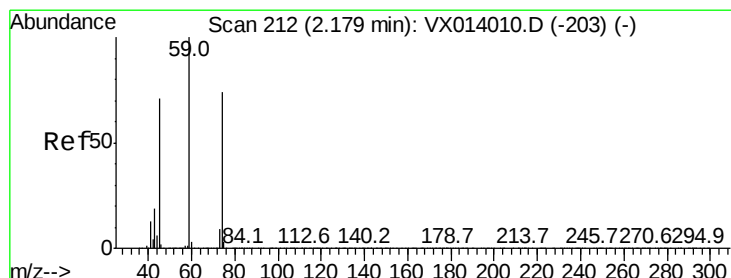
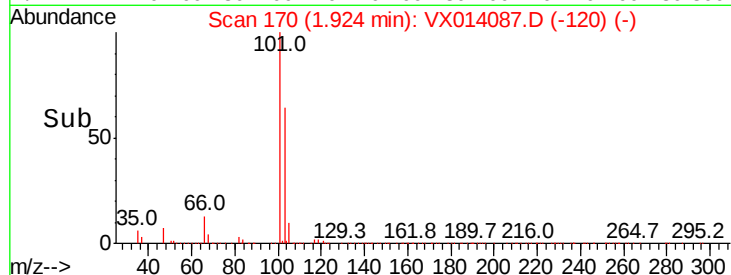
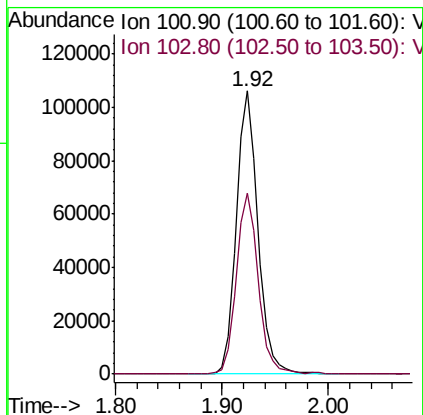
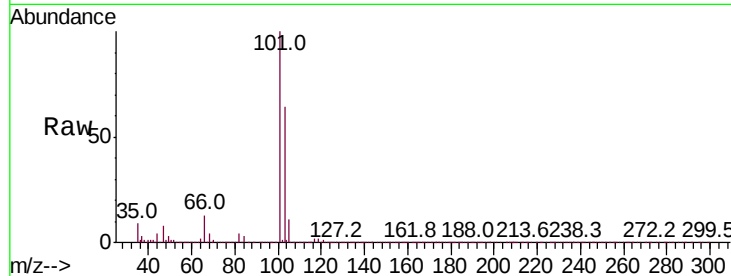


#7

Trichlorofluoromethane
Concen: 18.983 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
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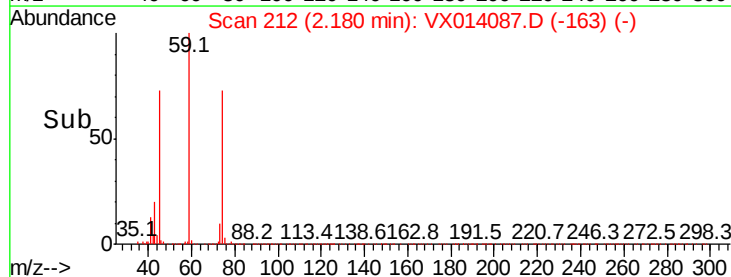
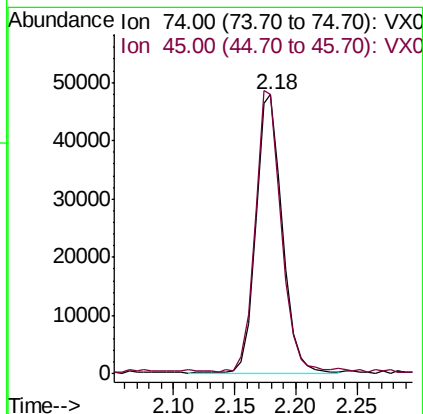
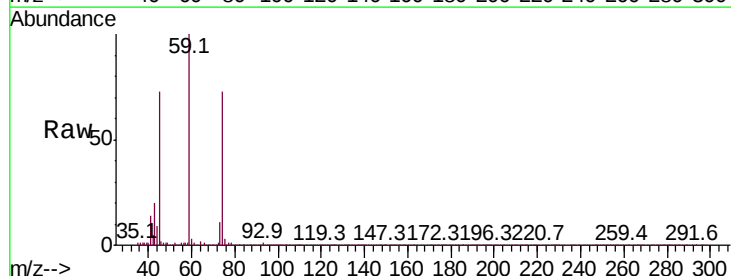
Tot Ion:101 Resp: 150532
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

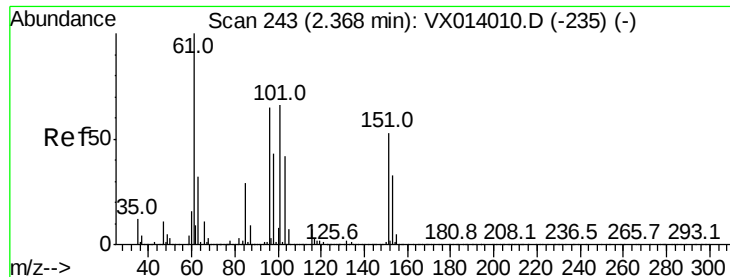


#8

Diethyl Ether
Concen: 19.385 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 74 Resp: 72144
Ion Ratio Lower Upper
74 100
45 99.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.187 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

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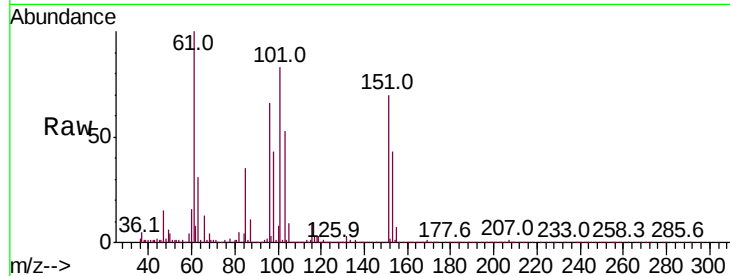
Tot Ion:101 Resp: 91717

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

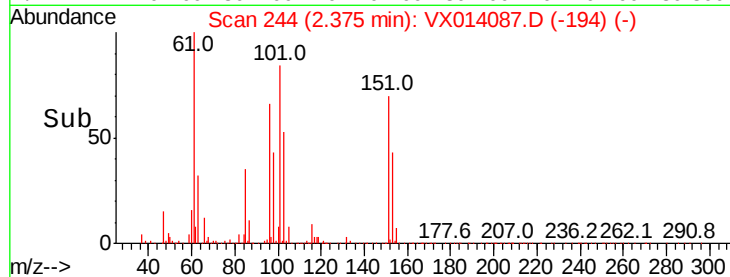
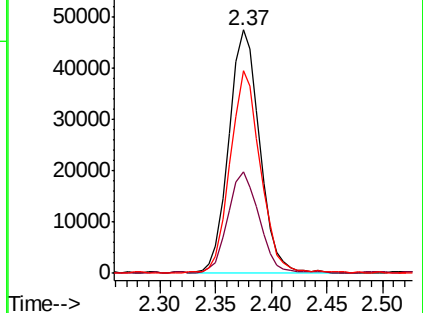
151 82.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.690 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

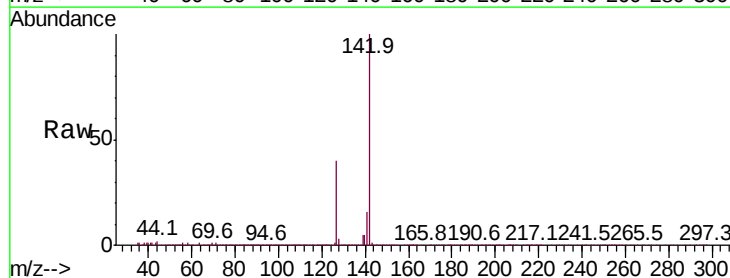
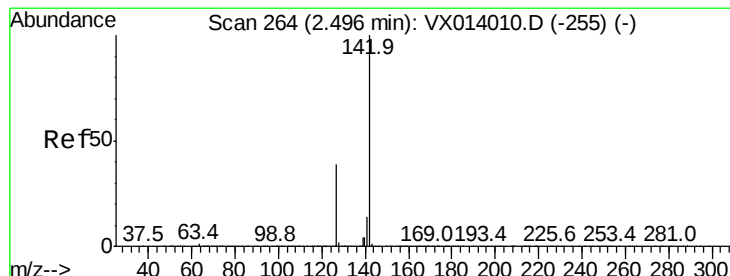
Tgt Ion:142 Resp: 113558

Ion Ratio Lower Upper

142 100

127 39.1 31.6 47.4

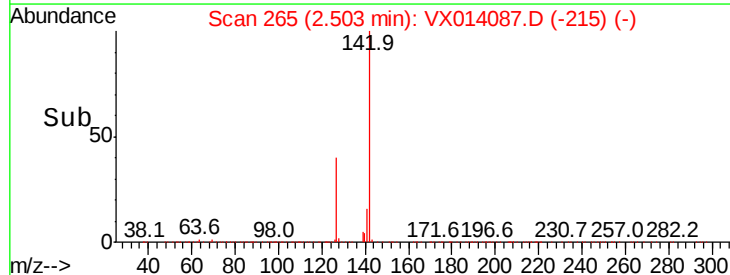
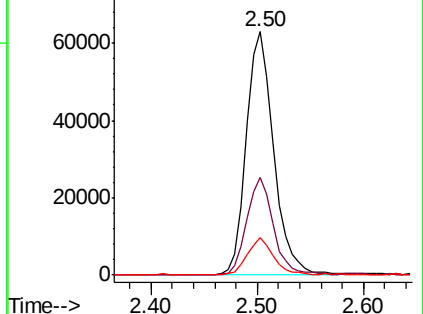
141 14.8 11.6 17.4

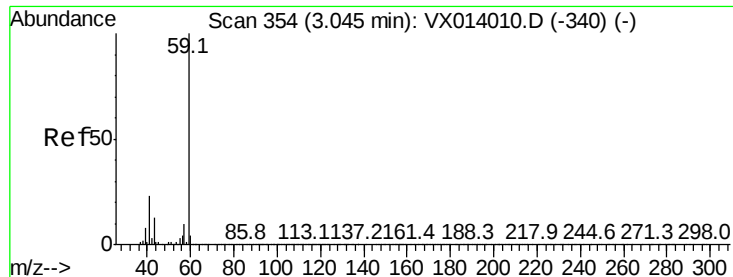


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



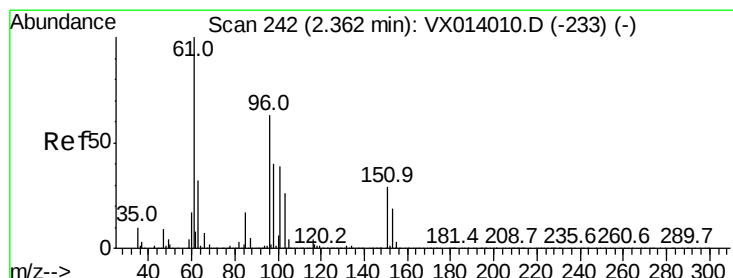
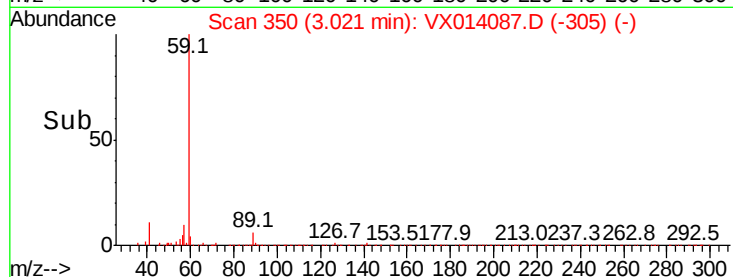
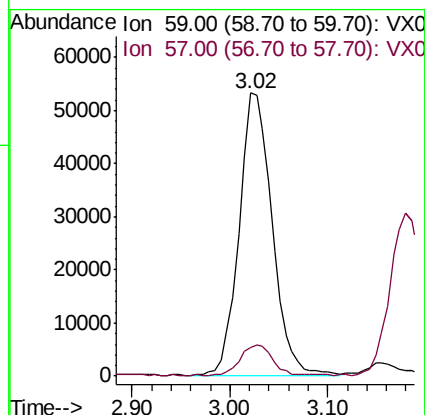
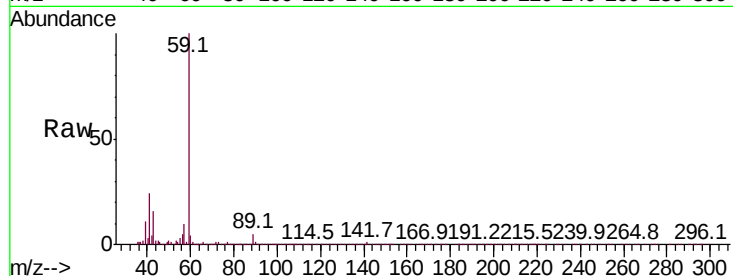


#11

Tert butyl alcohol
Concen: 101.728 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

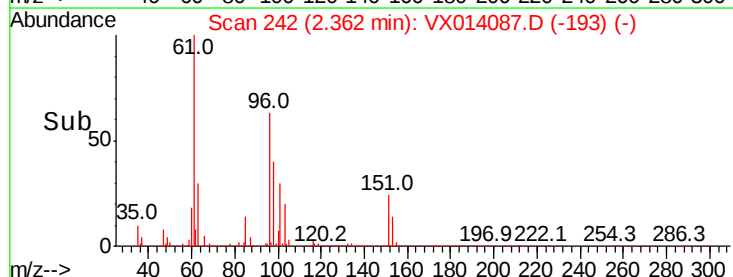
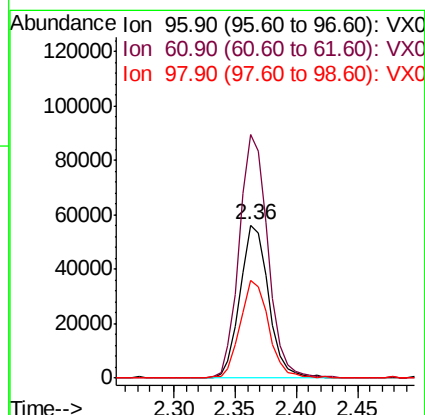
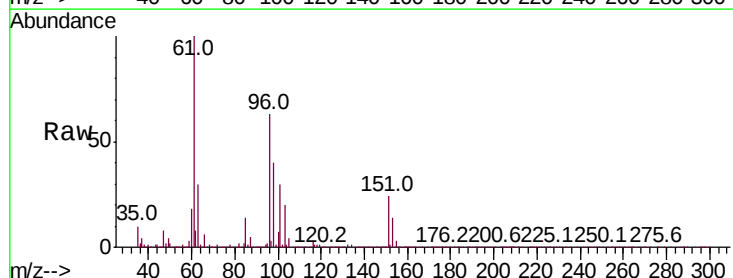
Tot Ion: 59 Resp: 125972
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

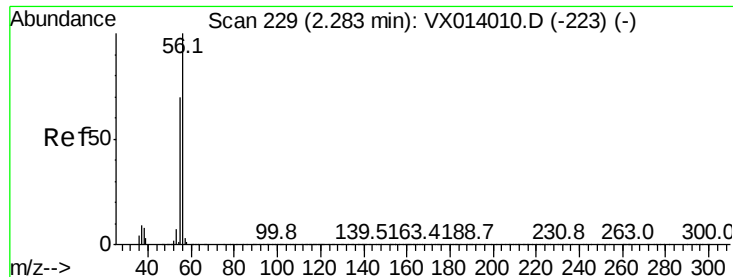


#12

1,1-Dichloroethene
Concen: 18.489 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 96 Resp: 89934
Ion Ratio Lower Upper
96 100
61 158.9 127.9 191.9
98 63.8 50.5 75.7

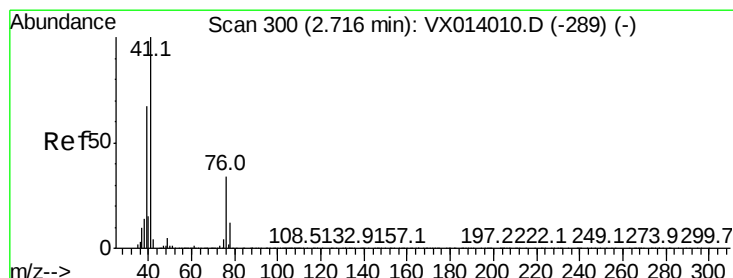
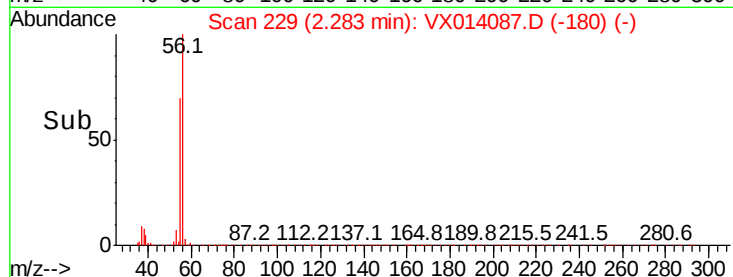
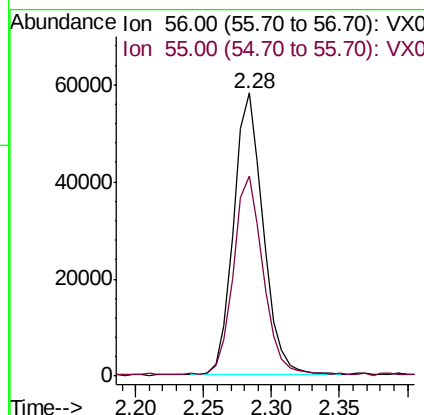
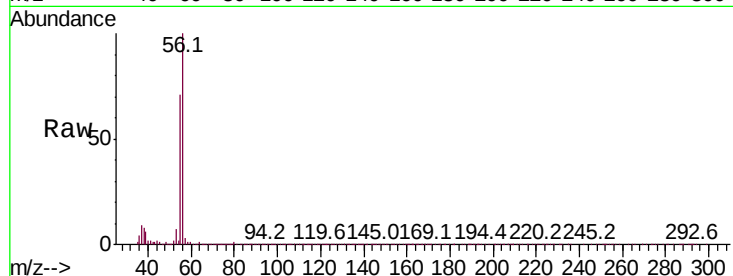




#13
Acrolein
Concen: 123.581 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

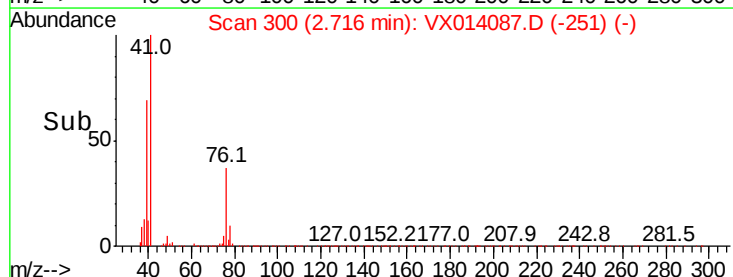
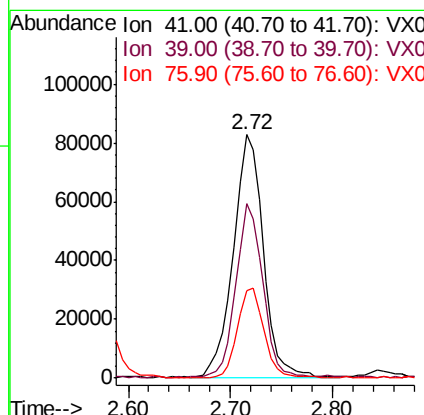
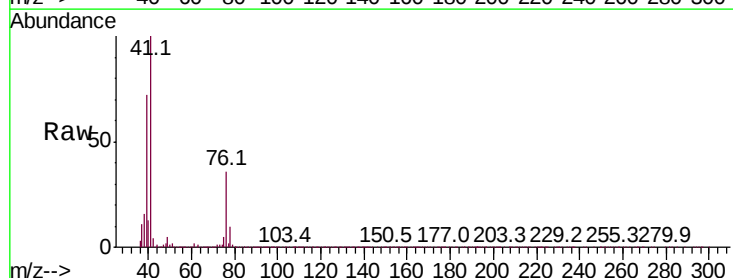
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

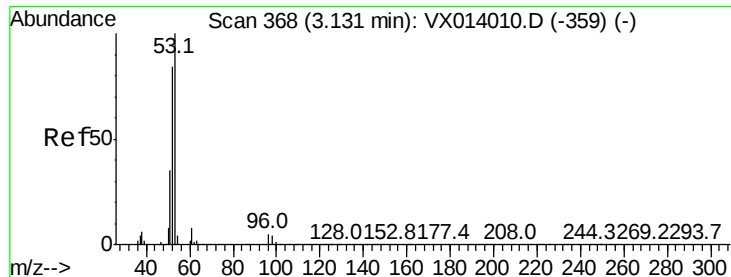
Tot Ion: 56 Resp: 87601
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3



#14
Allyl chloride
Concen: 19.314 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 41 Resp: 167737
Ion Ratio Lower Upper
41 100
39 63.9 51.8 77.8
76 32.4 25.9 38.9

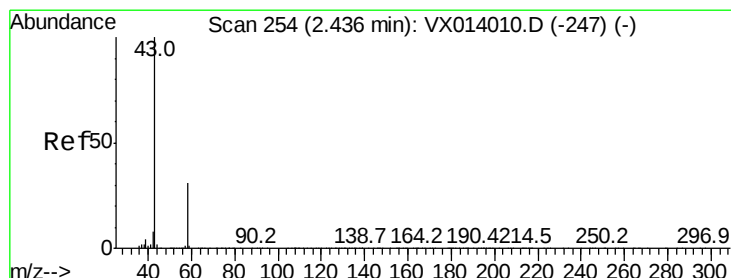
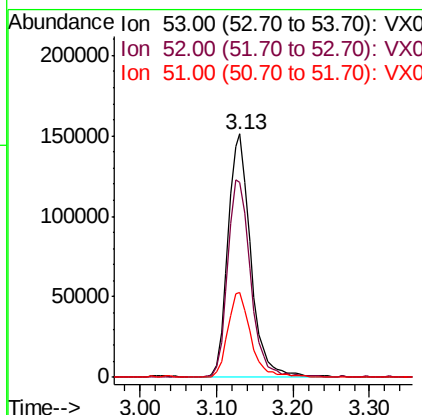
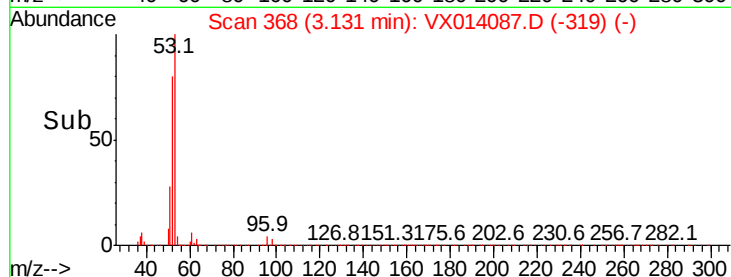
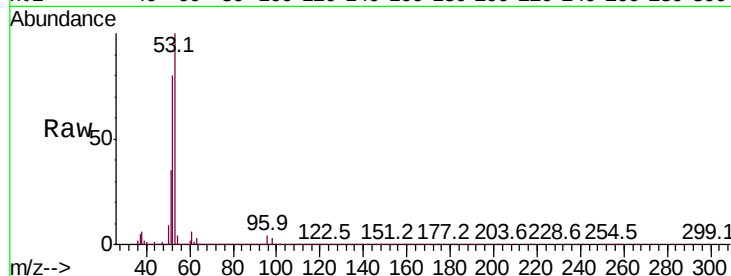




#15
 Acrylonitrile
 Concen: 107.606 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

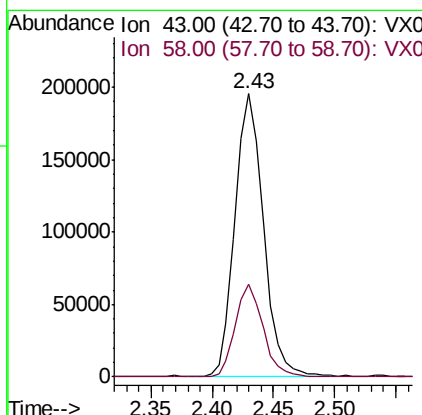
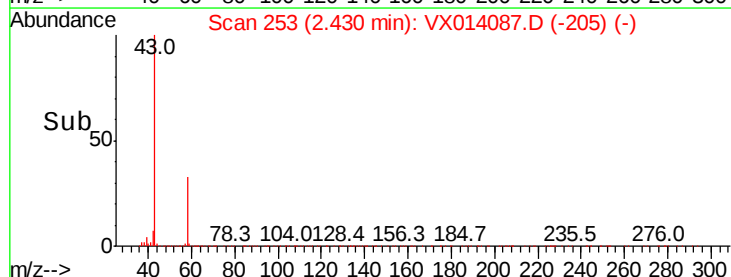
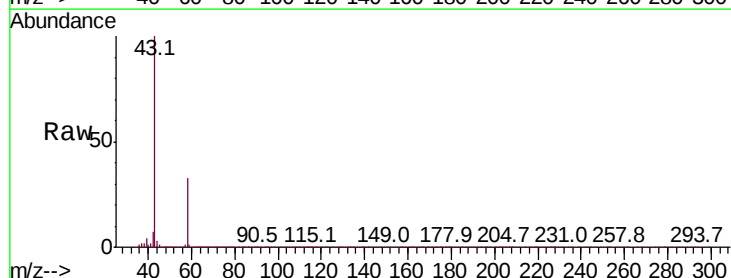
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

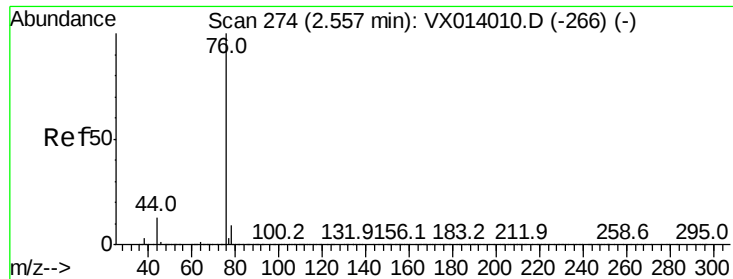
Tot Ion:	53	Resp:	311018
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.5	99.7
51	35.1	28.1	42.1



#16
 Acetone
 Concen: 84.204 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion:	43	Resp:	313291
Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.9	37.3

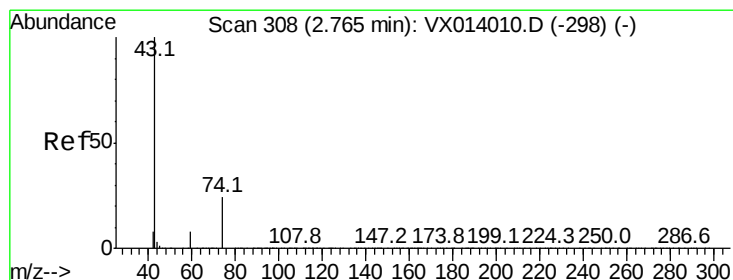
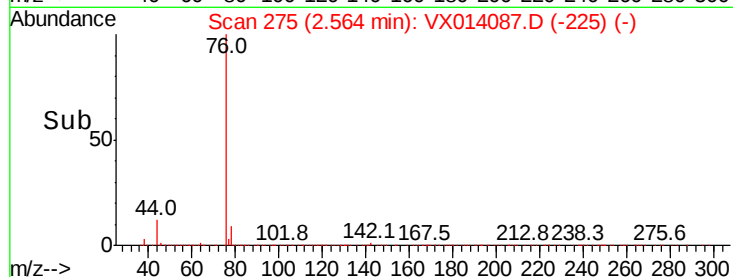
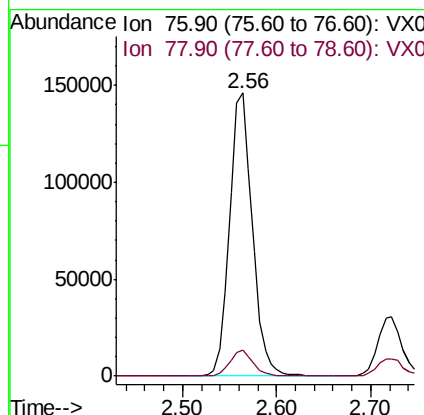
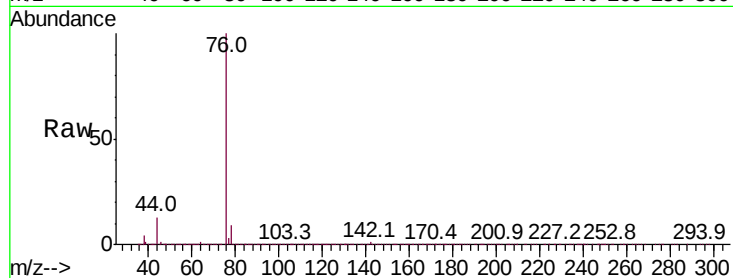




#17
Carbon Disulfide
Concen: 18.601 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

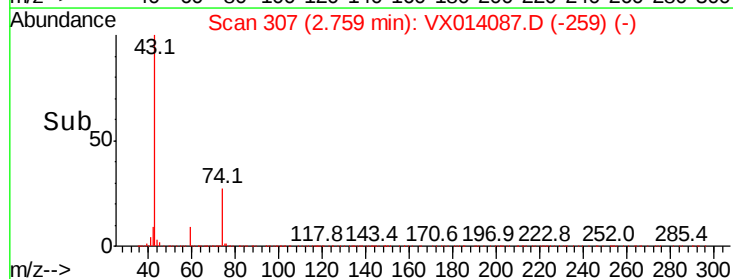
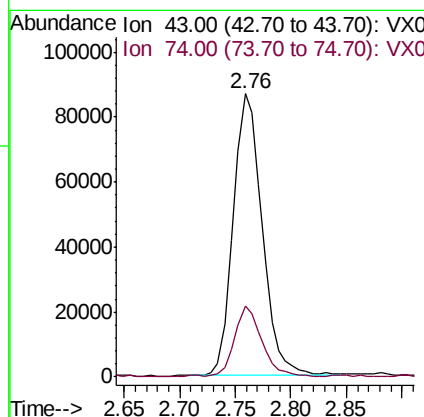
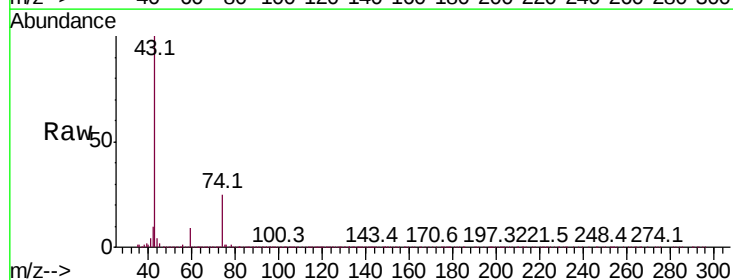
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

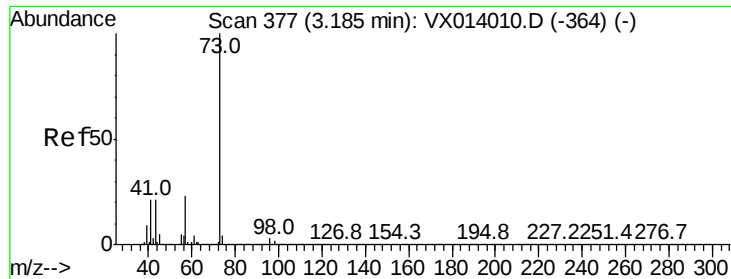
Tot Ion: 76 Resp: 244715
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.323 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 43 Resp: 157206
Ion Ratio Lower Upper
43 100
74 22.7 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 20.224 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

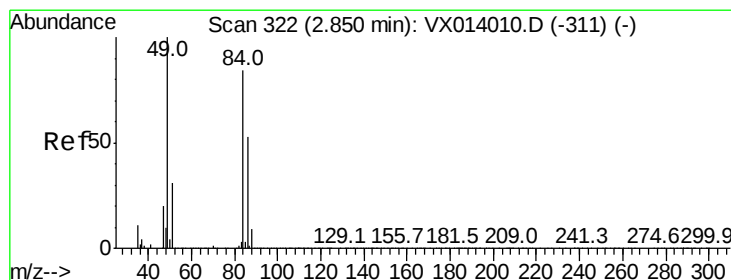
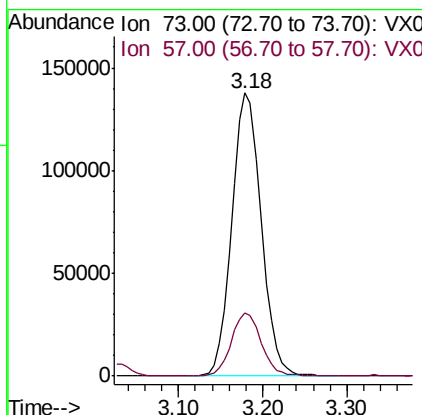
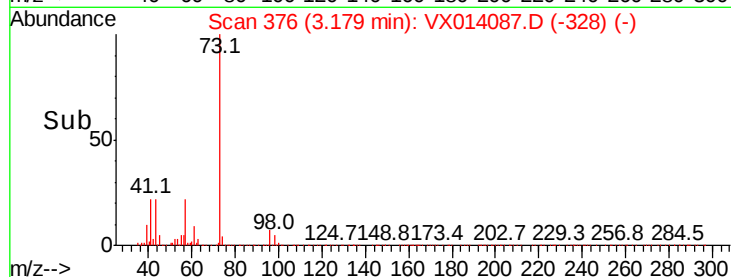
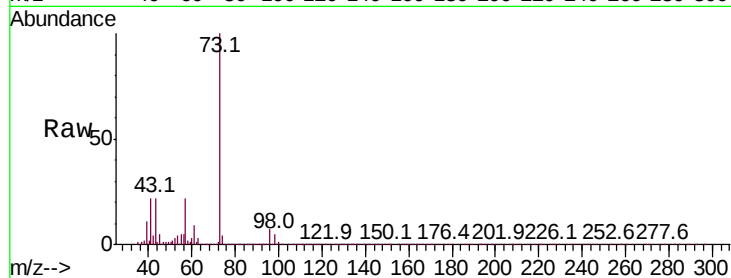
Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion: 73 Resp: 323260

Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2



#20

Methylene Chloride

Concen: 18.787 ug/l

RT: 2.84 min Scan# 321

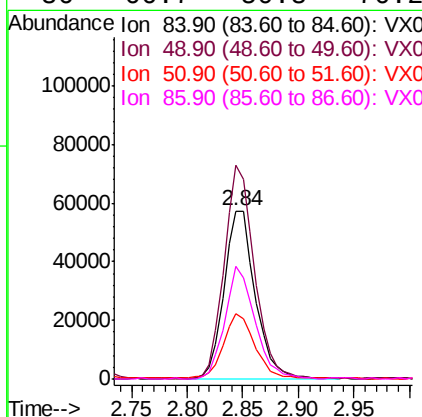
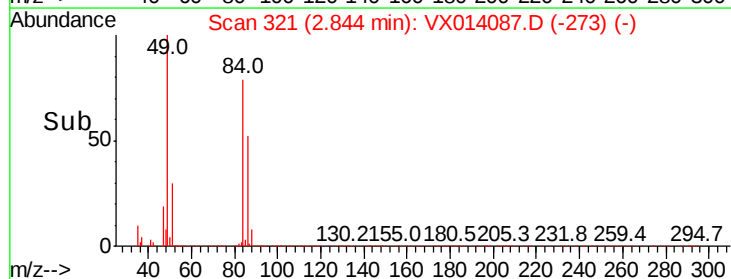
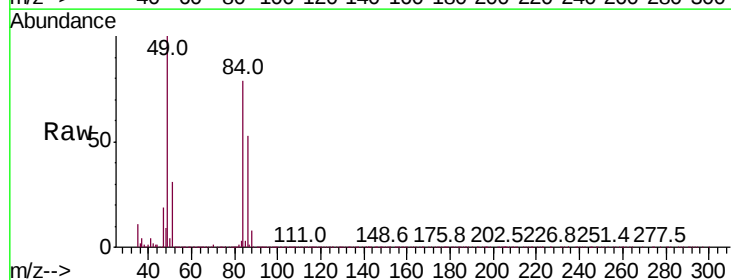
Delta R.T. -0.01 min

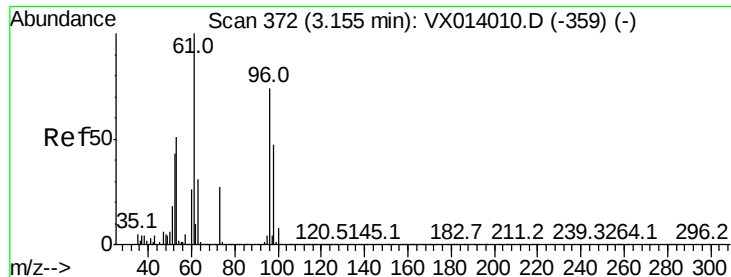
Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion: 84 Resp: 110074

Ion	Ratio	Lower	Upper
84	100		
49	127.0	95.8	143.6
51	38.6	29.8	44.8
86	66.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

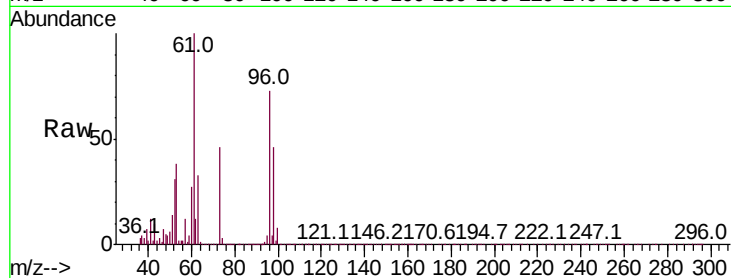
Tot Ion: 96 Resp: 100140

Ion Ratio Lower Upper

96 100

61 136.9 108.3 162.5

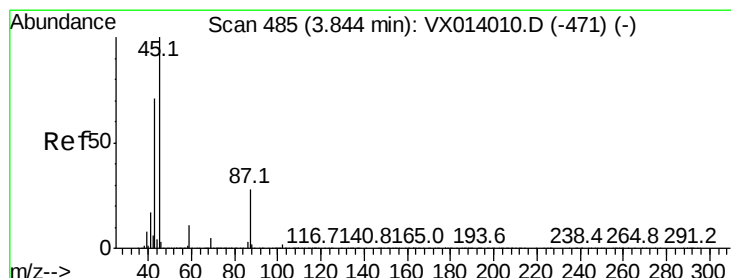
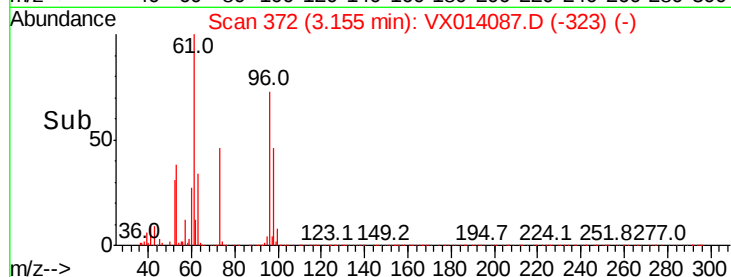
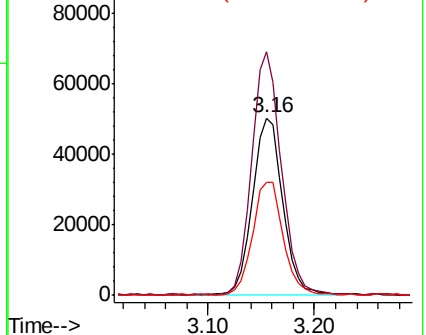
98 63.2 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.402 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion: 45 Resp: 353092

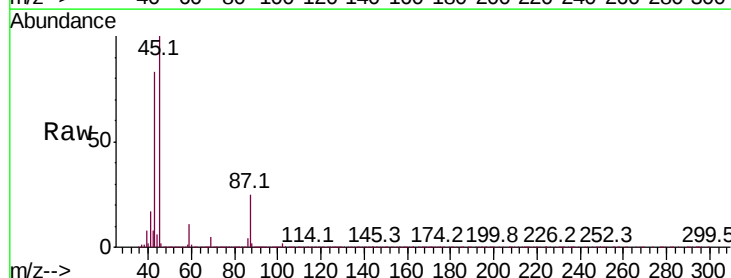
Ion Ratio Lower Upper

45 100

43 82.8 57.4 86.0

87 25.3 21.9 32.9

59 10.8 9.0 13.6

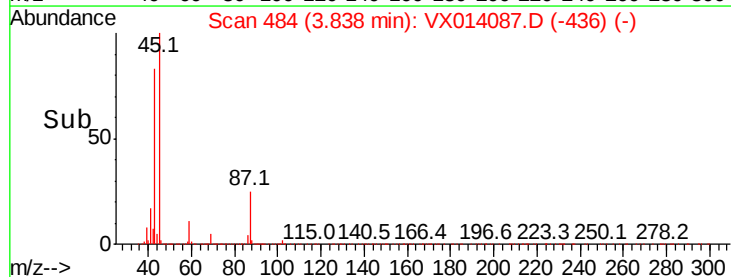
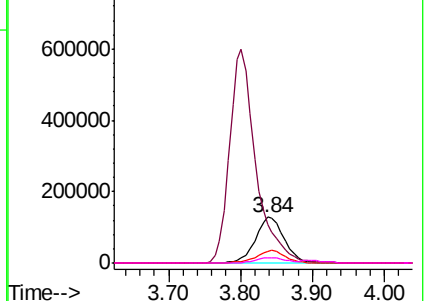


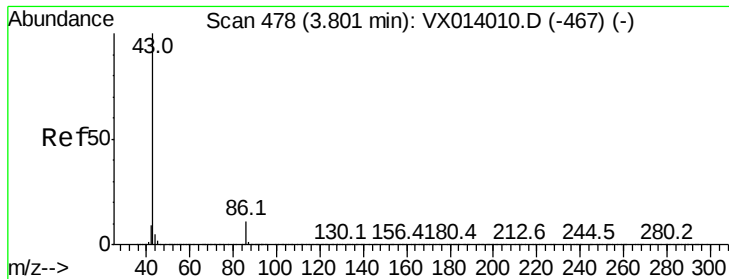
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.009 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

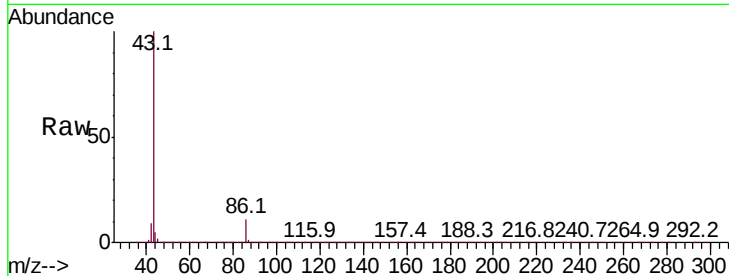
VX1218WBSD01

Tot Ion: 43 Resp: 1525423

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

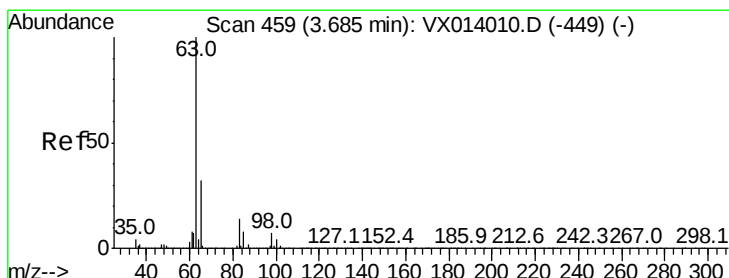
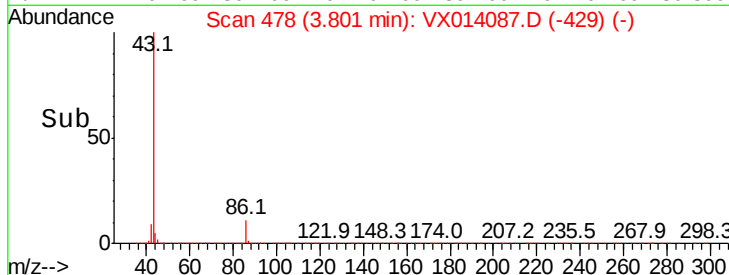
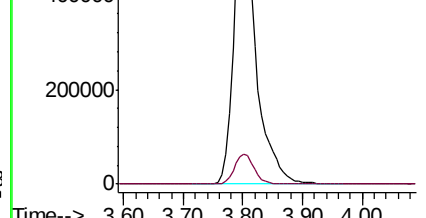
3.80

600000

400000

200000

0



#24

1,1-Dichloroethane

Concen: 18.975 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

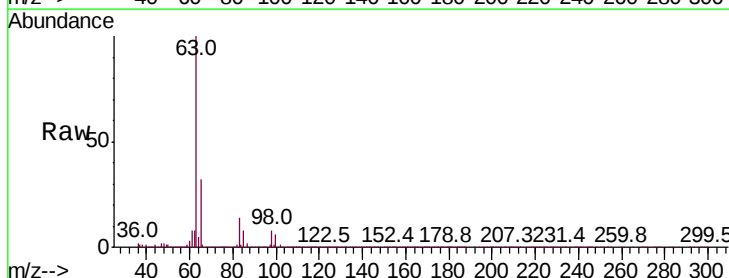
Tgt Ion: 63 Resp: 182706

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

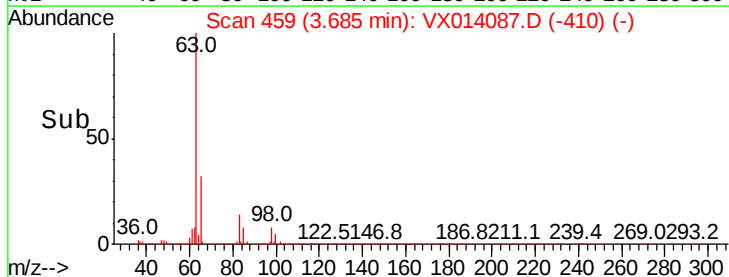
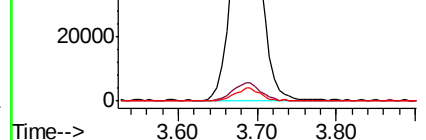
80000

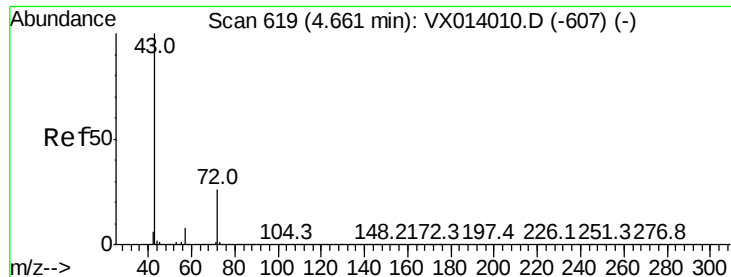
60000

40000

20000

0





#25

2-Butanone

Concen: 98.298 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

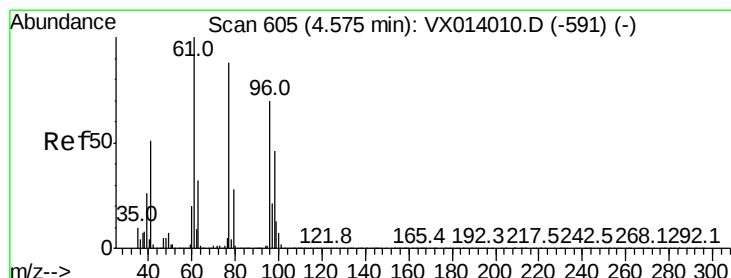
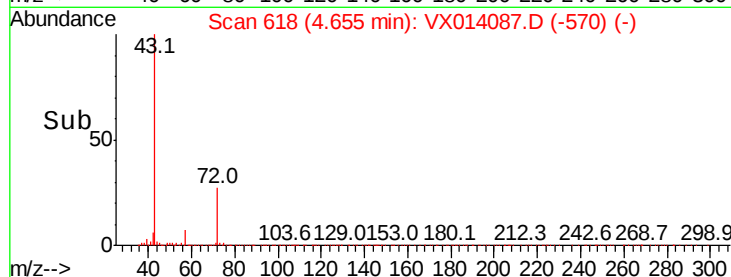
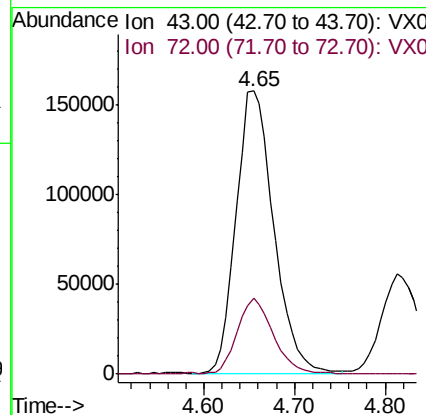
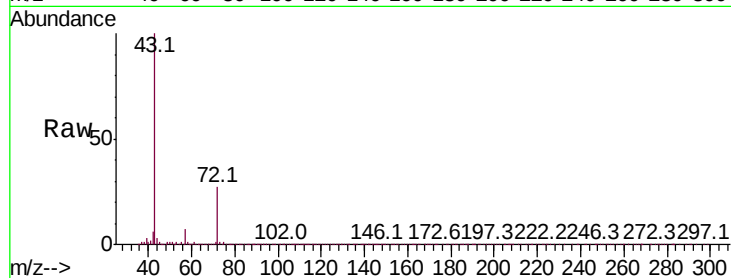
VX1218WBSD01

Tot Ion: 43 Resp: 450901

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.519 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014087.D

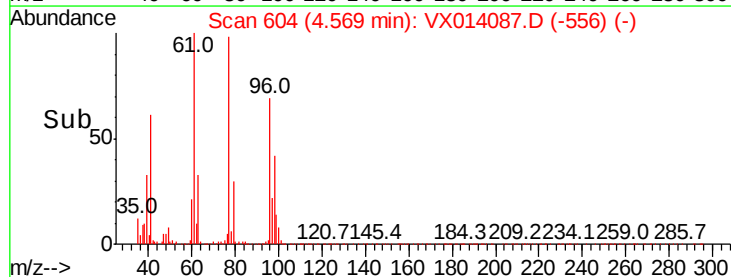
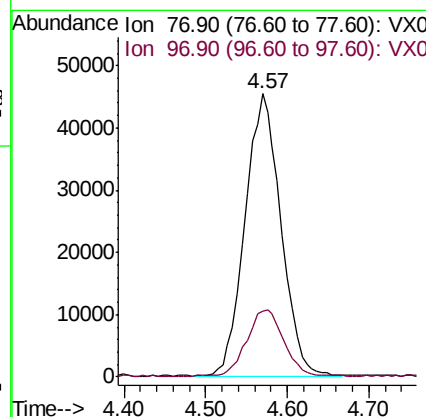
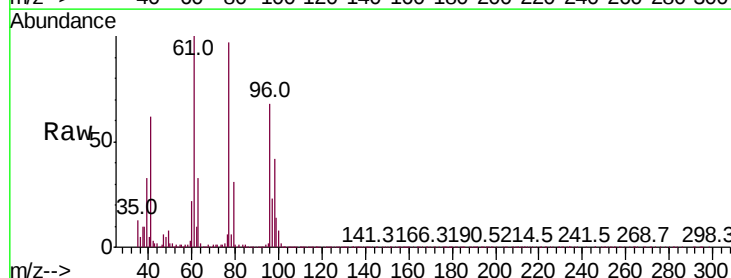
Acq: 18 Dec 2019 11:31

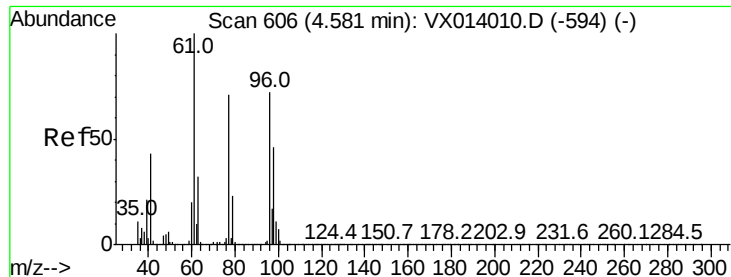
Tgt Ion: 77 Resp: 138442

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9



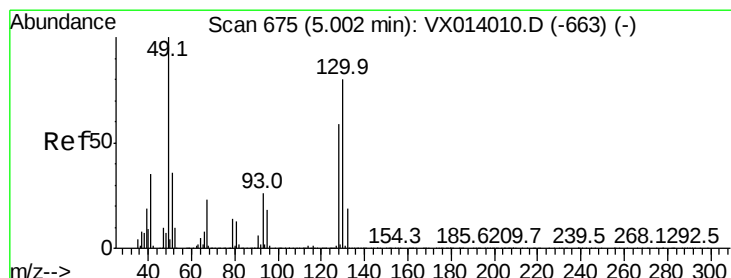
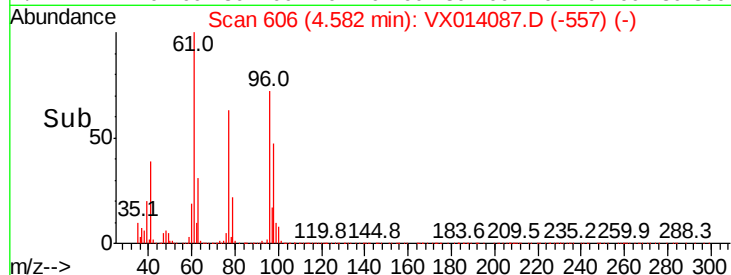
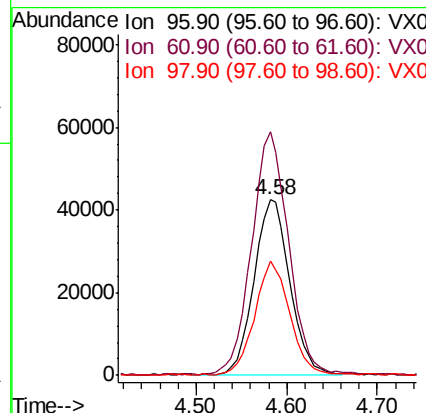
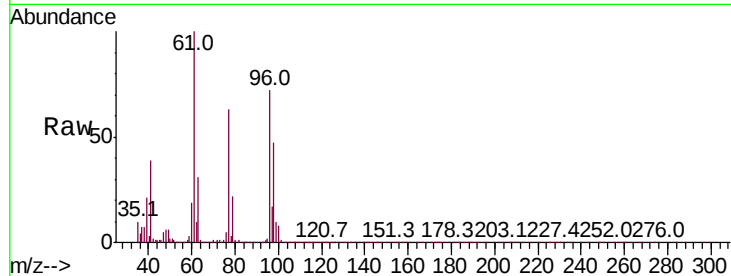


#27

cis-1,2-Dichloroethene
 Concen: 19.187 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

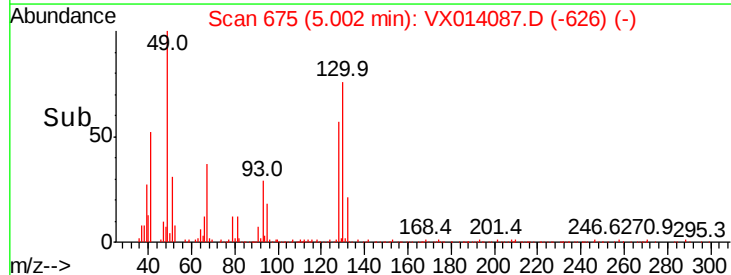
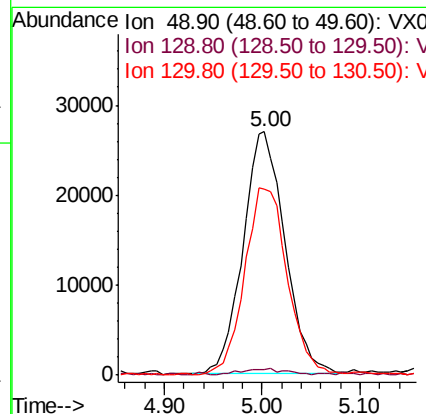
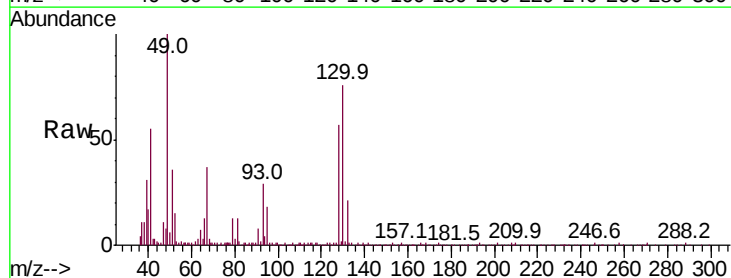
Tot Ion	96	Resp	116284
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	288.4
98	64.1	0.0	129.6

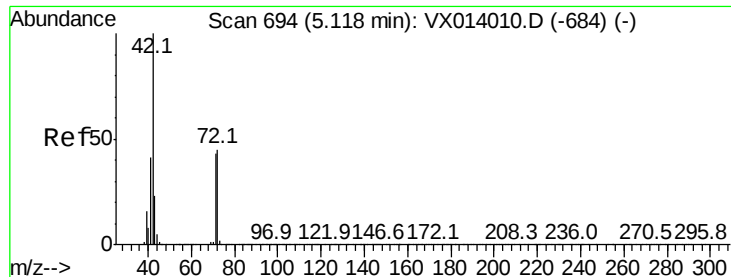


#28

Bromochloromethane
 Concen: 21.736 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	49	Resp	79532
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	78.5	64.6	97.0

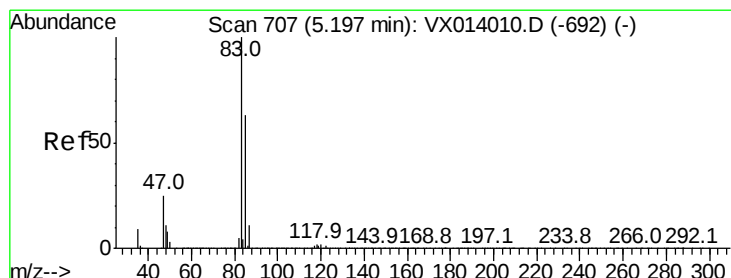
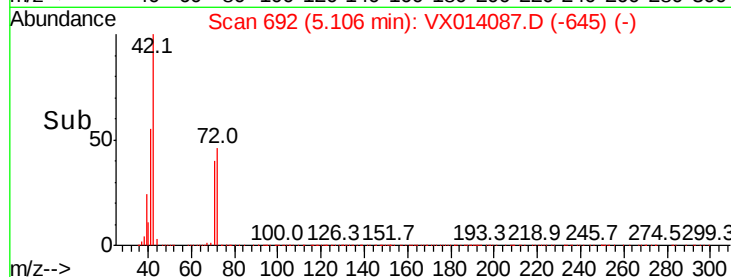
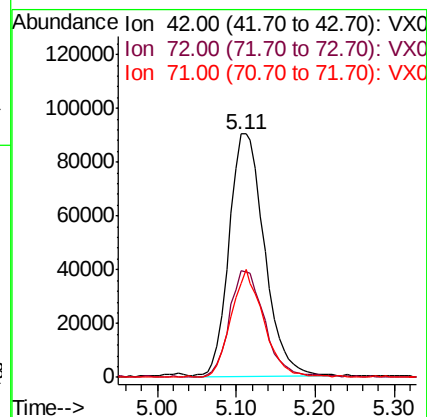
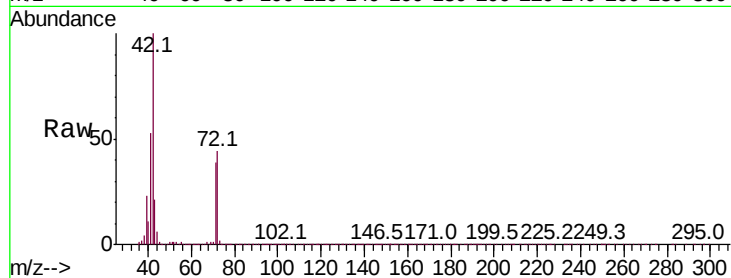




#29
Tetrahydrofuran
Concen: 109.479 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

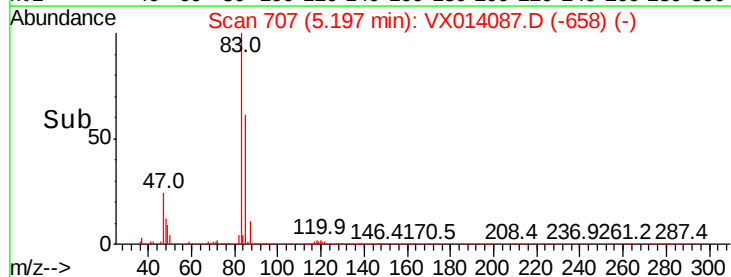
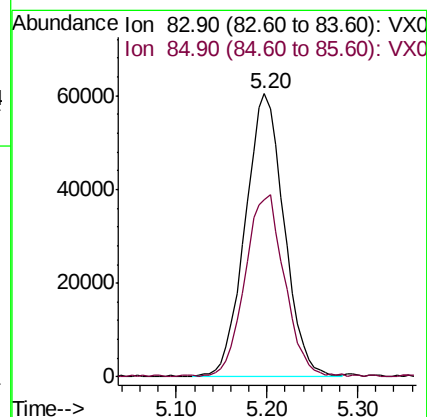
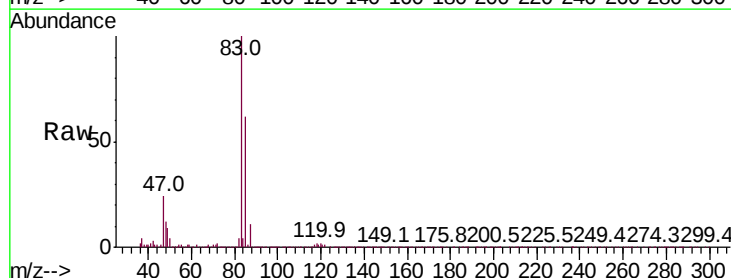
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

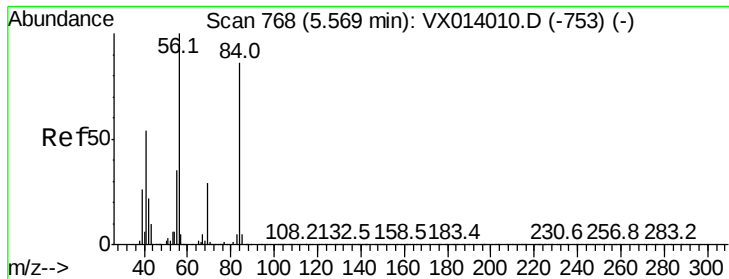
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.8	53.8
71	40.9	33.6	50.4



#30
Chloroform
Concen: 19.575 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.8	76.2

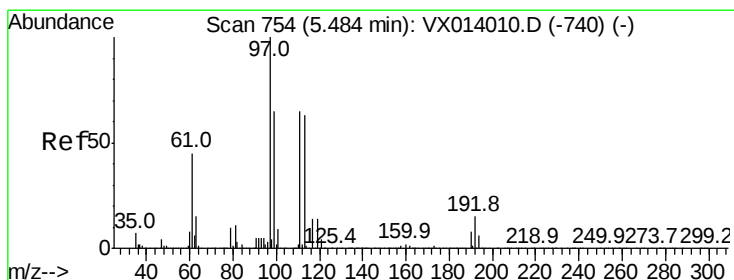
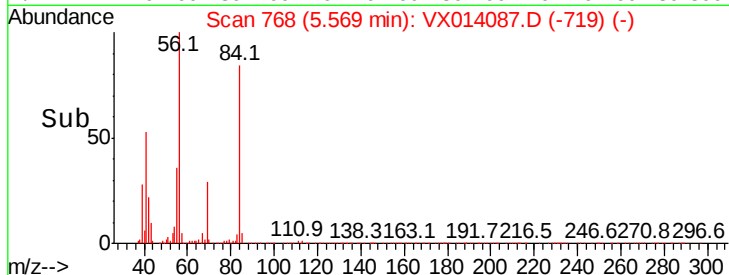
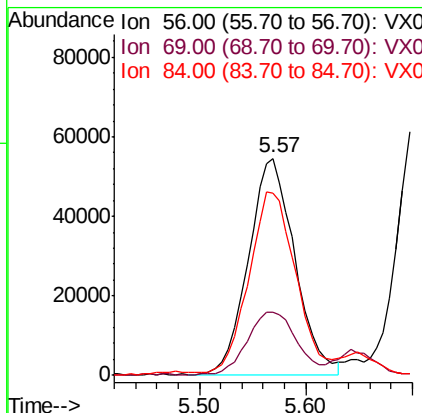
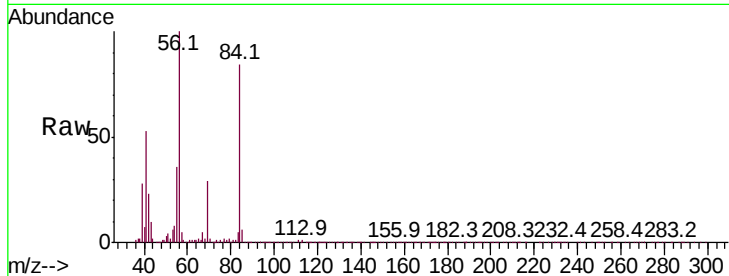




#31
Cyclohexane
Concen: 19.275 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

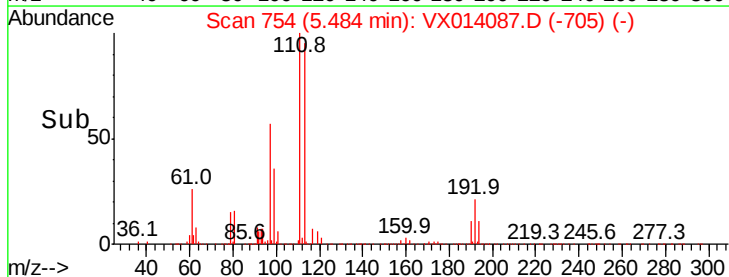
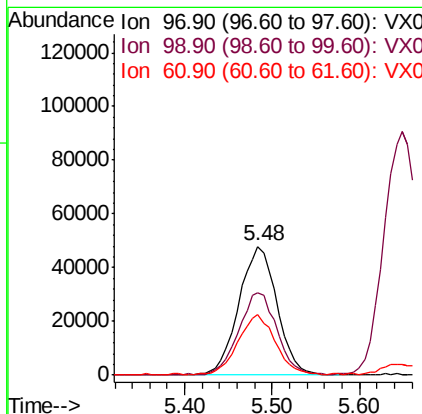
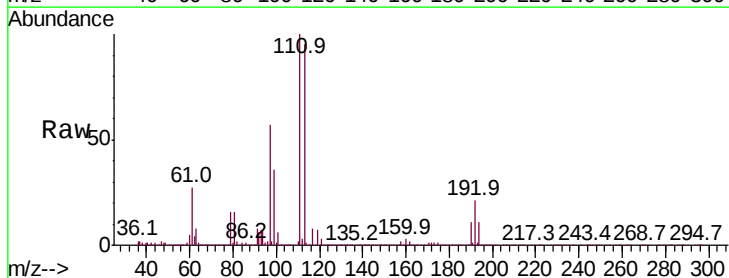
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

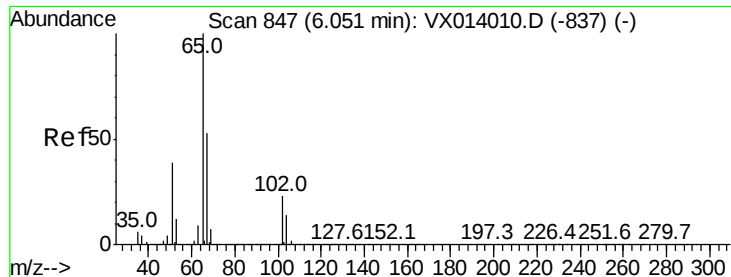
Tot Ion: 56 Resp: 165062
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 82.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.572 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 97 Resp: 144479
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 45.6 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.362 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

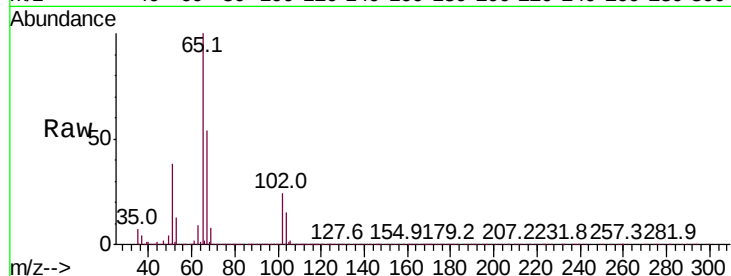
VX1218WBSD01

Tot Ion: 65 Resp: 294351

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

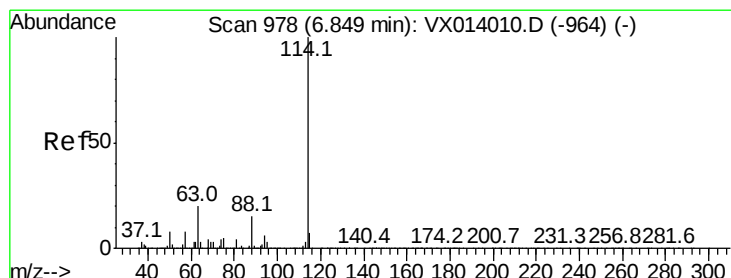
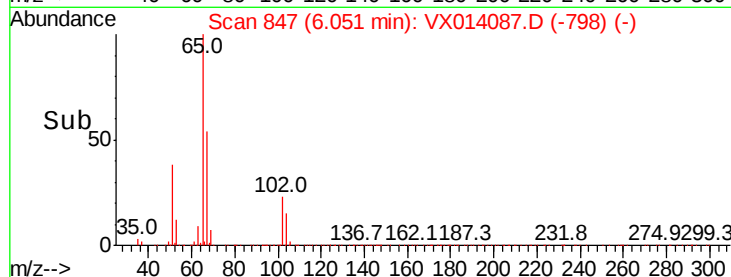
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

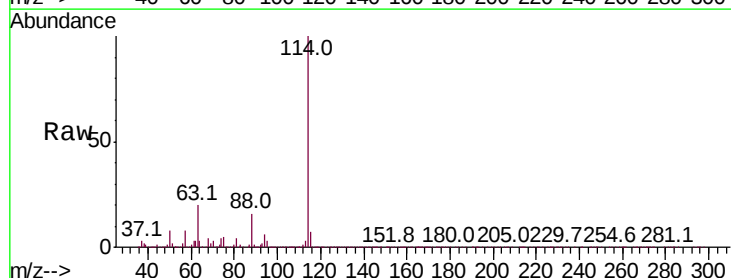
Tgt Ion: 114 Resp: 765853

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

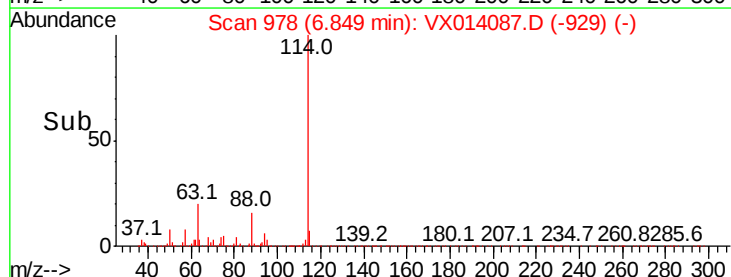
300000

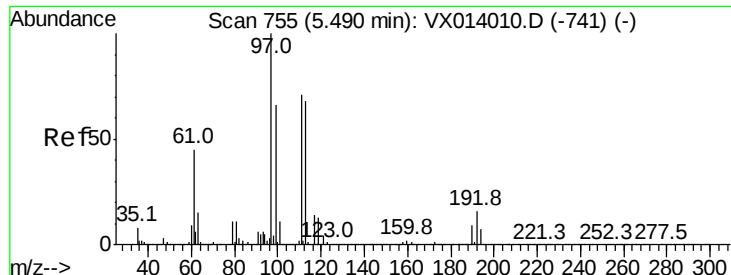
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.737 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

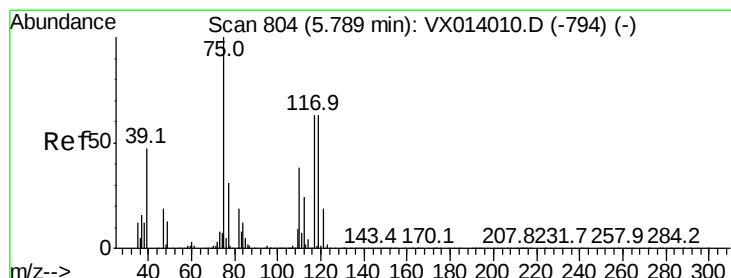
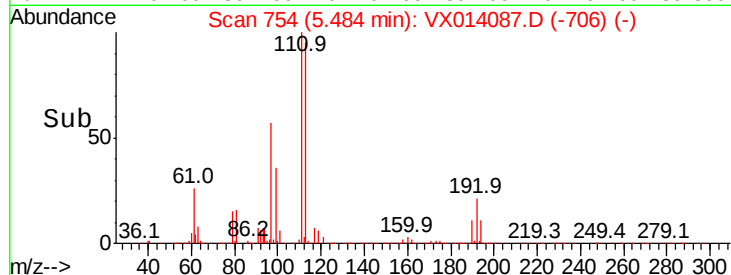
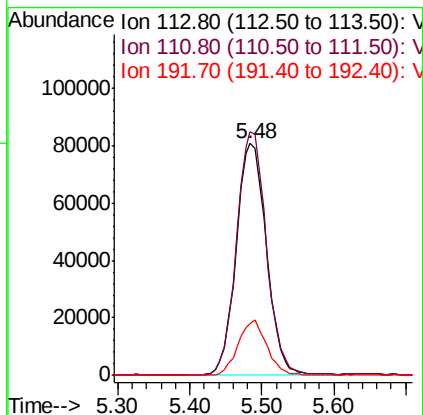
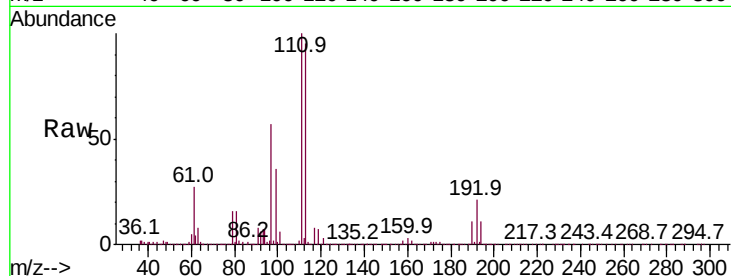
Tot Ion:113 Resp: 236207

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 22.7 19.3 28.9



#36

1,1-Dichloropropene

Concen: 18.712 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

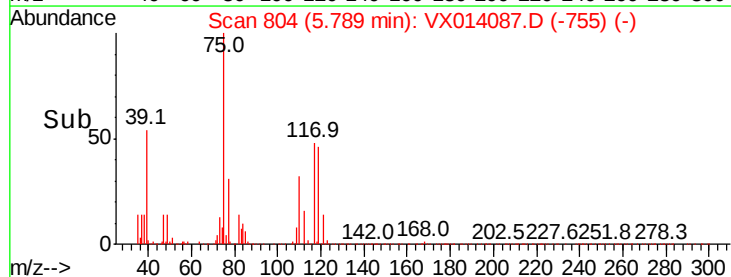
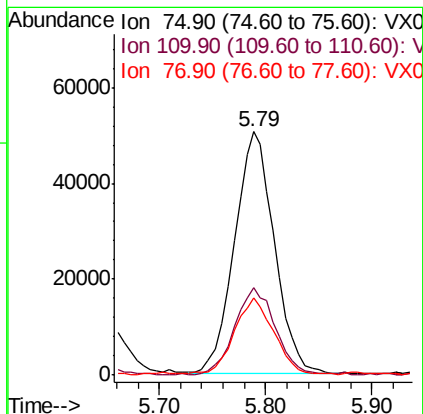
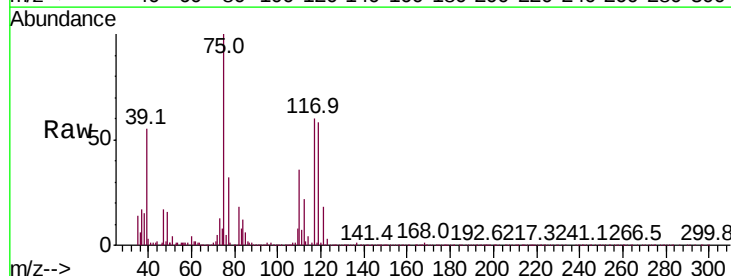
Tgt Ion: 75 Resp: 131493

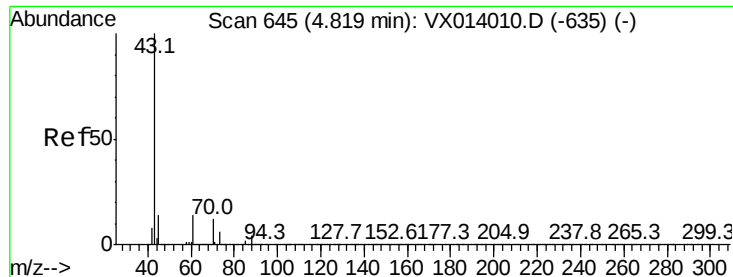
Ion Ratio Lower Upper

75 100

110 37.1 18.3 54.9

77 31.5 24.8 37.2

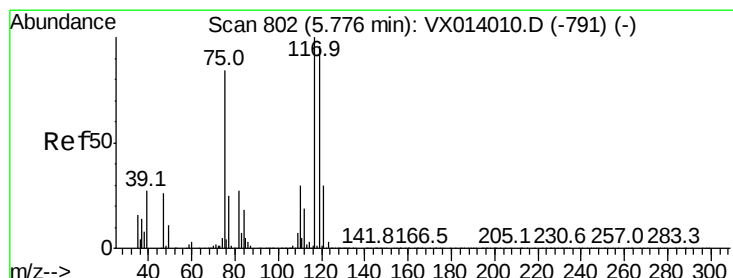
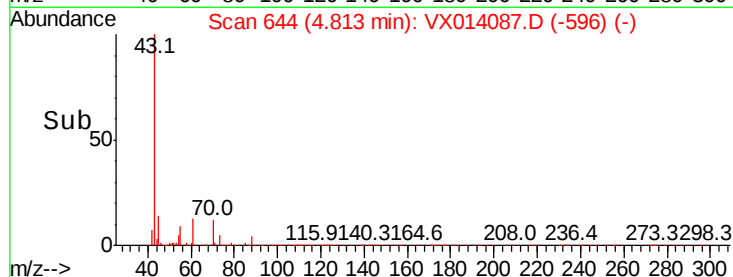
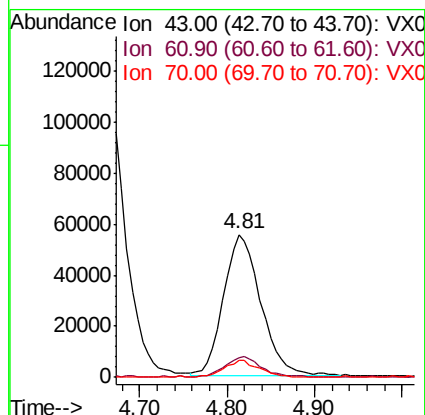
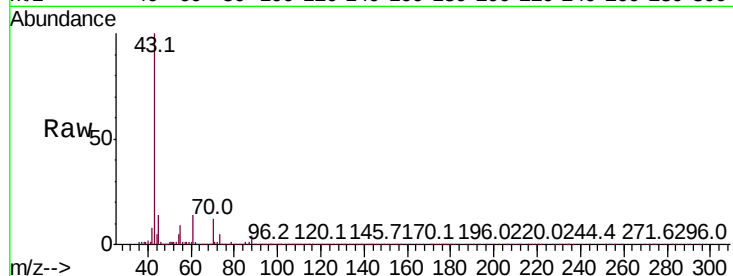




#37
Ethyl Acetate
Concen: 21.029 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

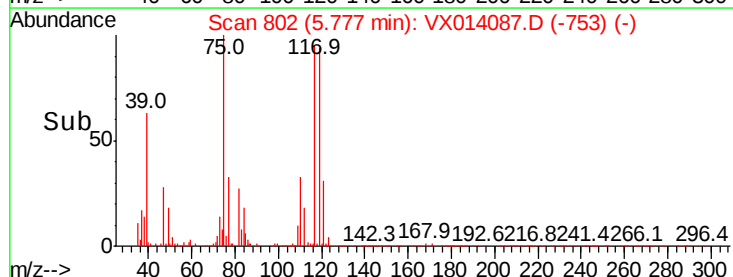
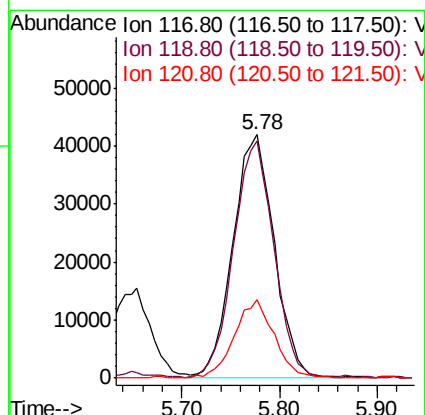
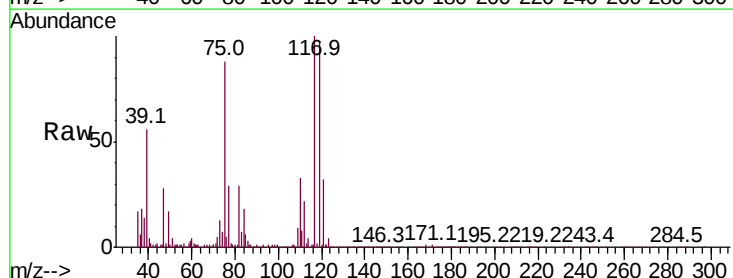
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

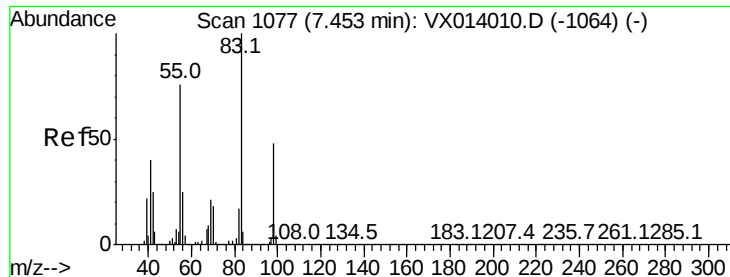
Tot Ion: 43 Resp: 163182
Ion Ratio Lower Upper
43 100
61 15.4 10.8 16.2
70 10.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.069 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 117 Resp: 122071
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4
121 32.1 23.6 35.4

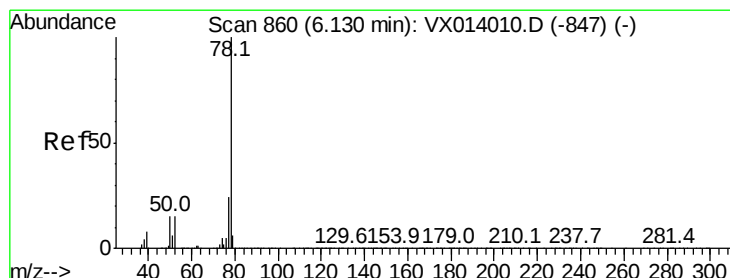
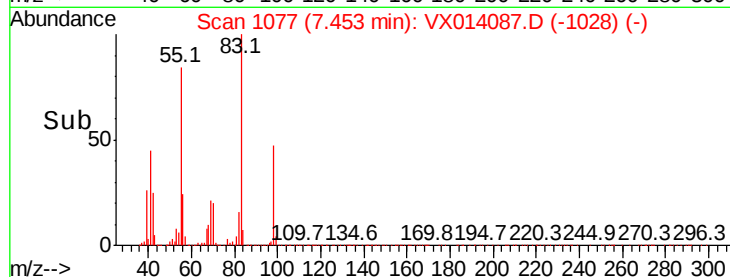
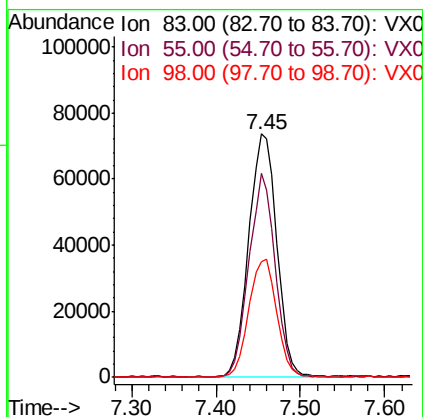
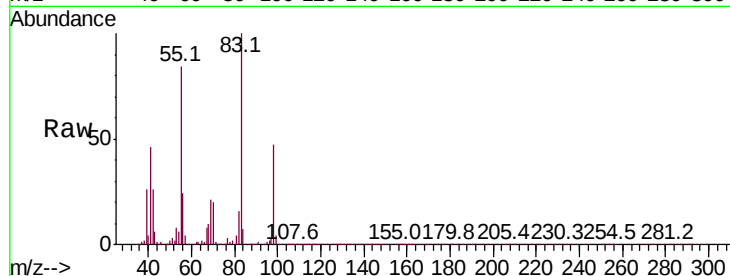




#39
Methvlcvclohexane
Concen: 19.133 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

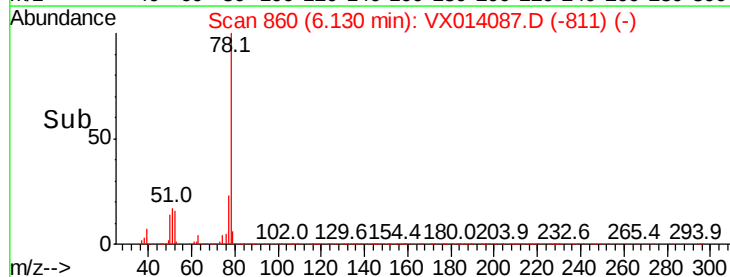
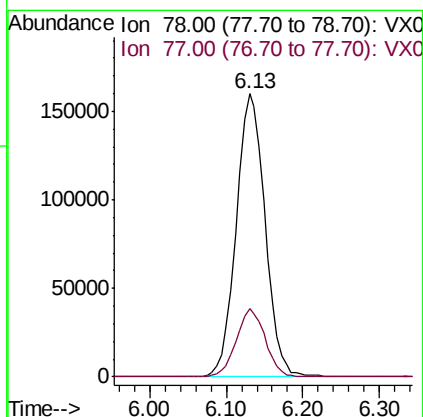
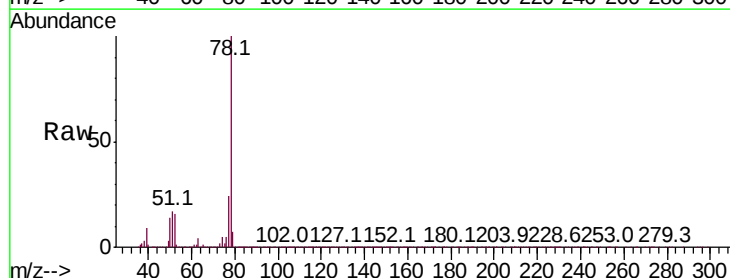
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

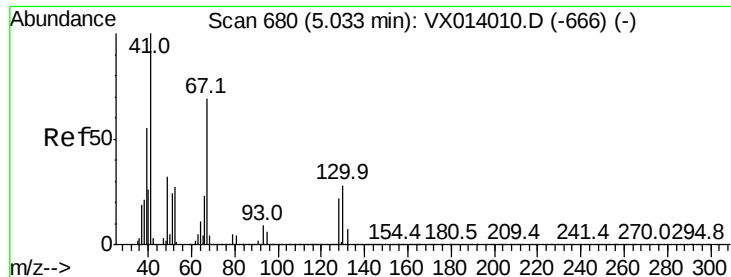
Tot Ion: 83 Resp: 166014
Ion Ratio Lower Upper
83 100
55 83.7 61.0 91.6
98 47.1 38.6 57.8



#40
Benzene
Concen: 19.247 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 78 Resp: 416151
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 21.299 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 41 Resp: 91706

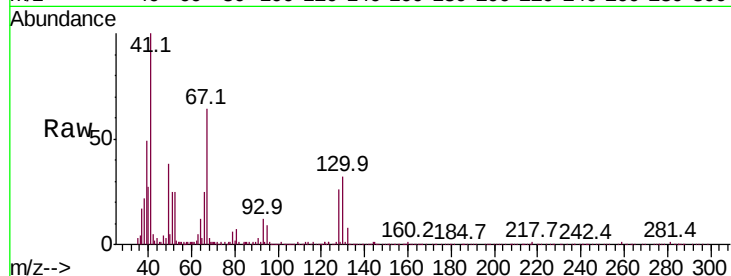
Ion Ratio Lower Upper

41 100

39 53.7 44.5 66.7

67 71.1 57.4 86.0

52 27.7 23.0 34.4

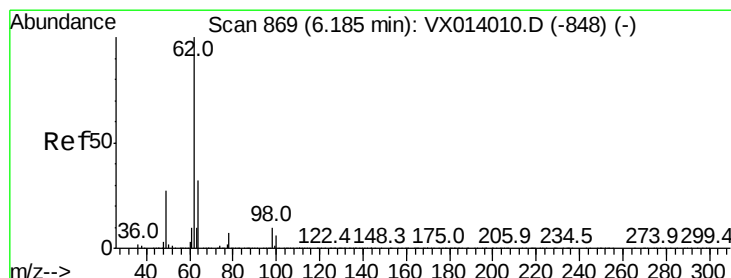
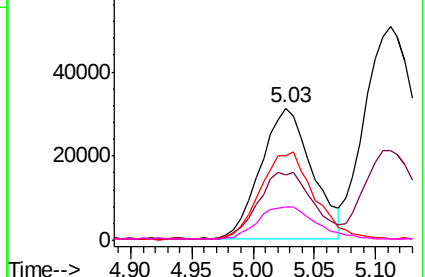
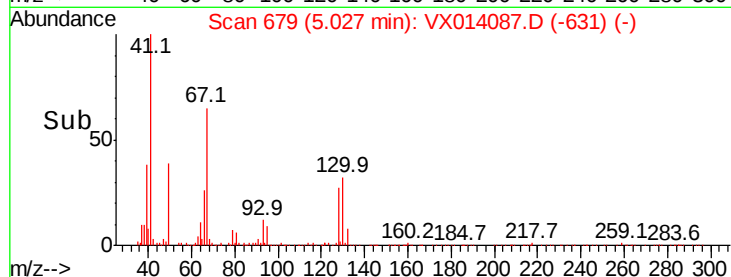


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.250 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014087.D

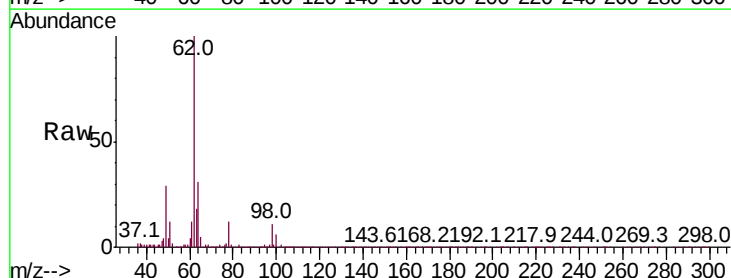
Acq: 18 Dec 2019 11:31

Tgt Ion: 62 Resp: 148416

Ion Ratio Lower Upper

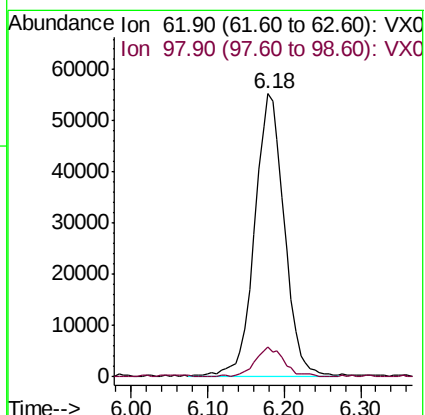
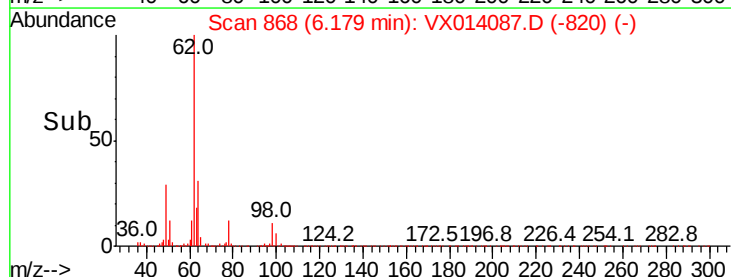
62 100

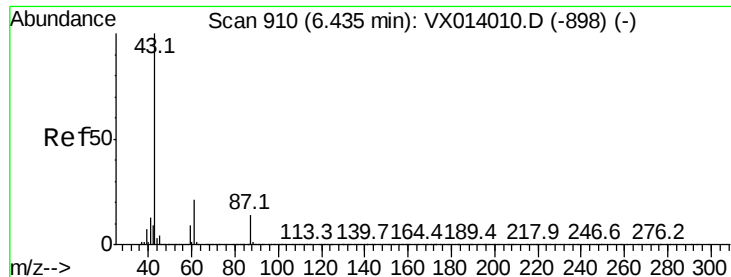
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



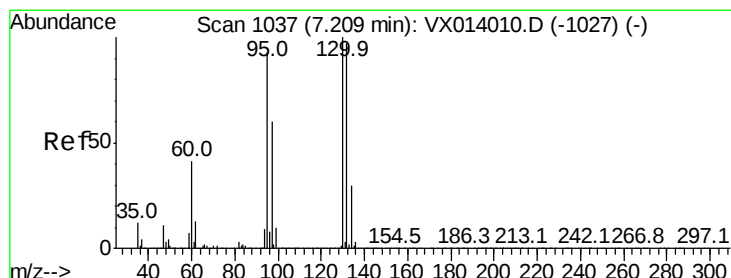
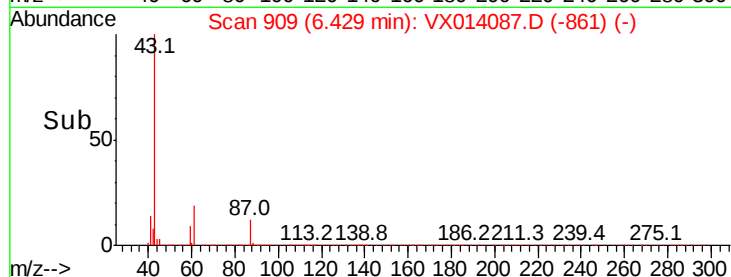
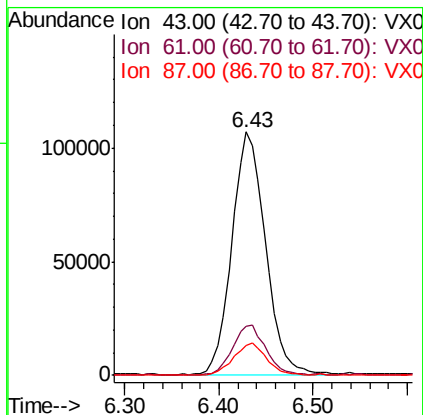
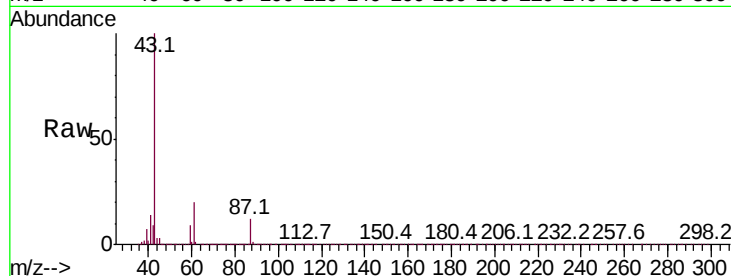


#43

Isopropyl Acetate
 Concen: 20.661 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1218WBSD01

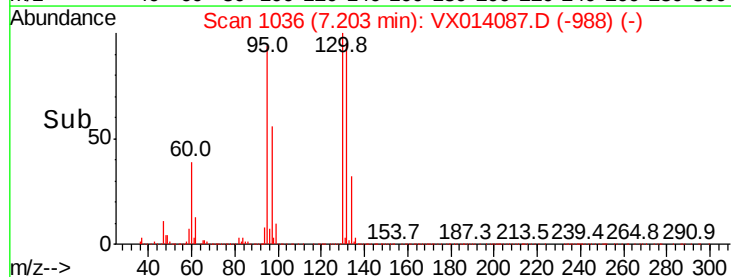
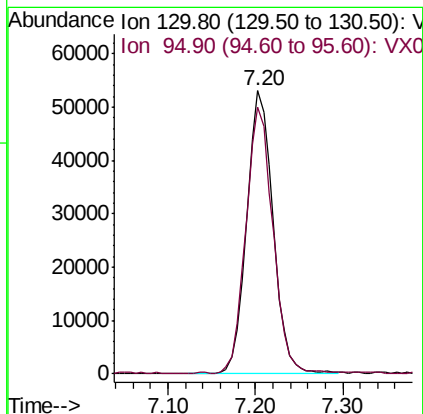
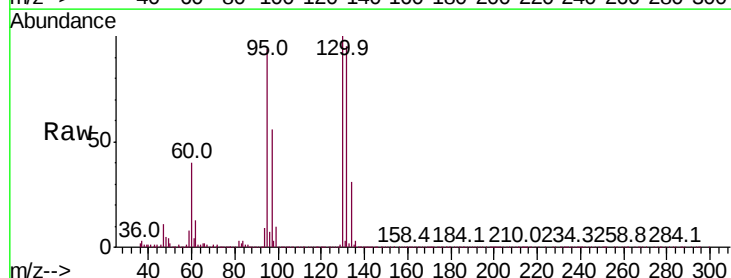
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.0	10.7	16.1

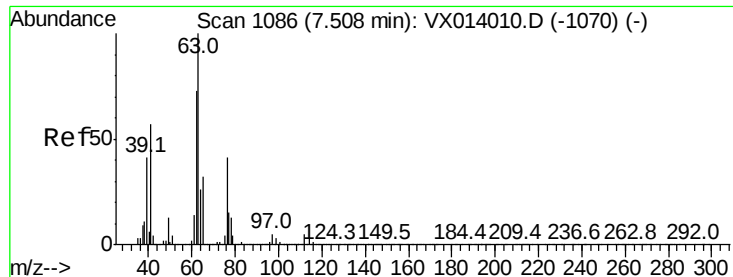


#44

Trichloroethene
 Concen: 18.606 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

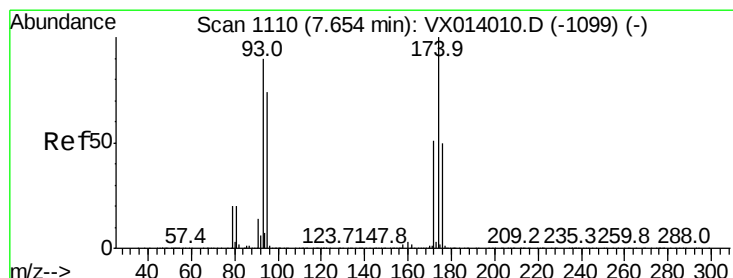
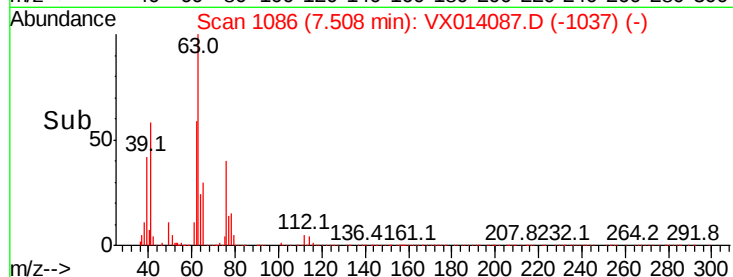
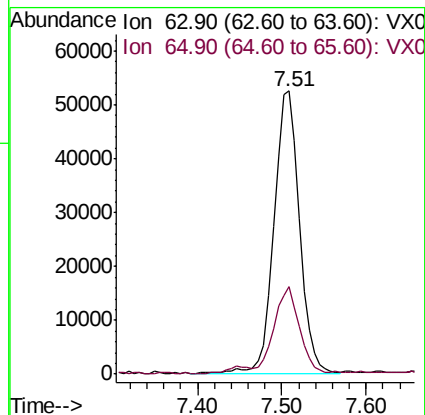
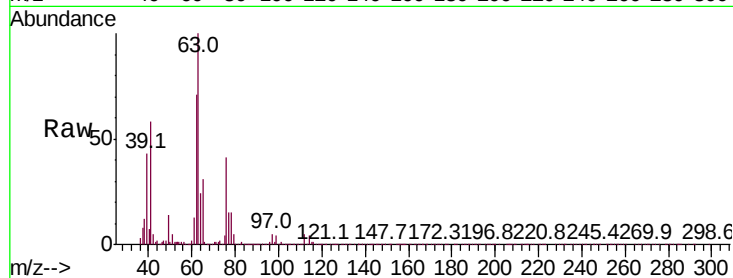
VX1218WBSD01

Tot Ion: 63 Resp: 111591

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.8



#46

Dibromomethane

Concen: 19.521 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

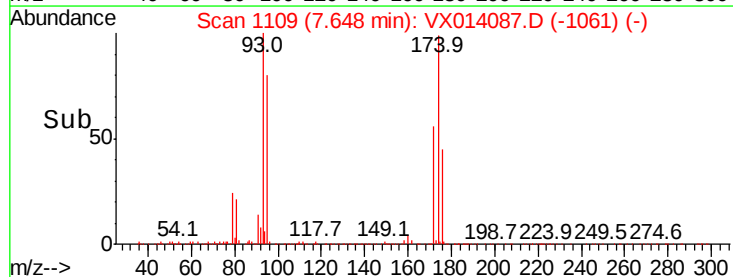
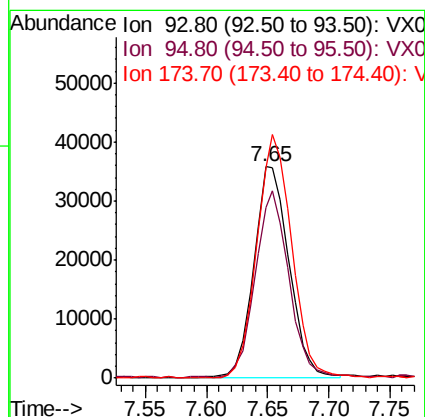
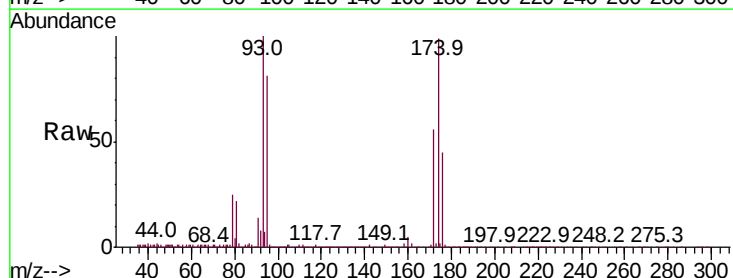
Tgt Ion: 93 Resp: 71526

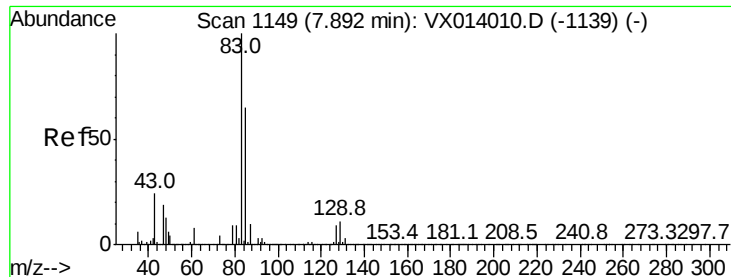
Ion Ratio Lower Upper

93 100

95 86.8 67.3 100.9

174 115.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

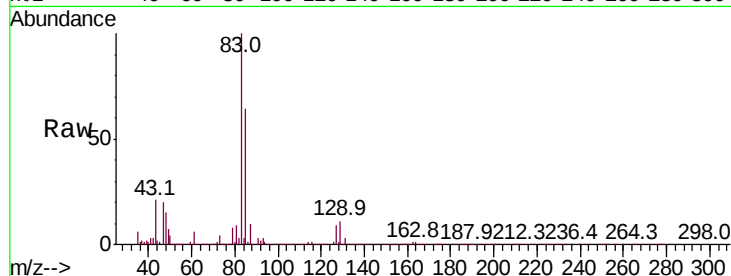
Tot Ion: 83 Resp: 136303

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8

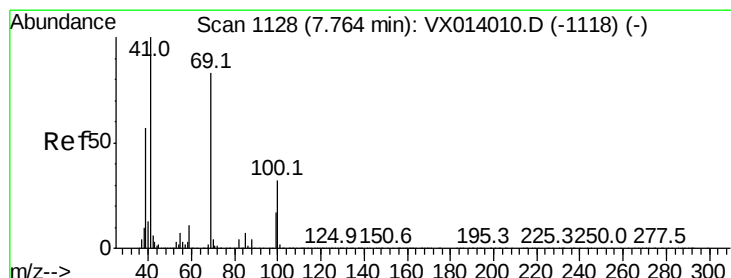
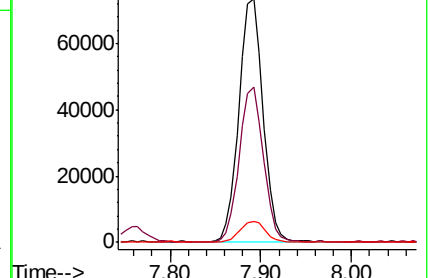
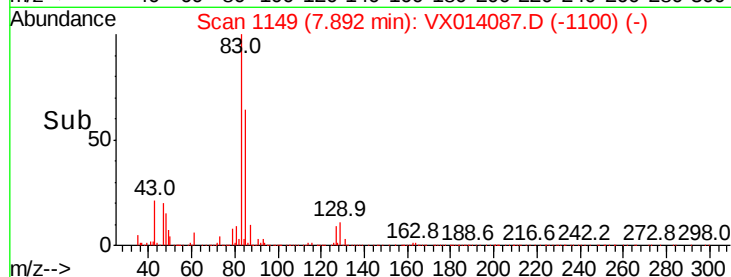
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.572 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

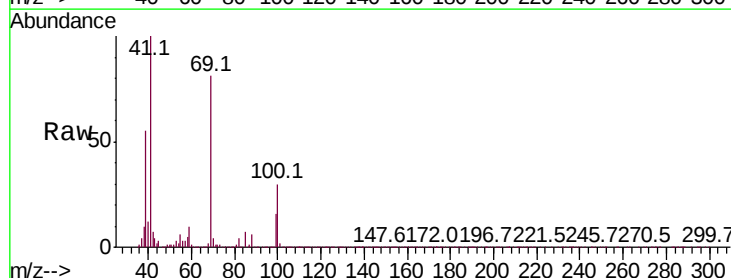
Tgt Ion: 41 Resp: 129370

Ion Ratio Lower Upper

41 100

69 80.6 65.8 98.6

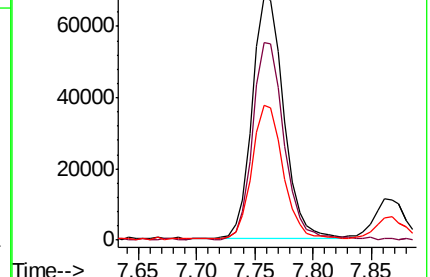
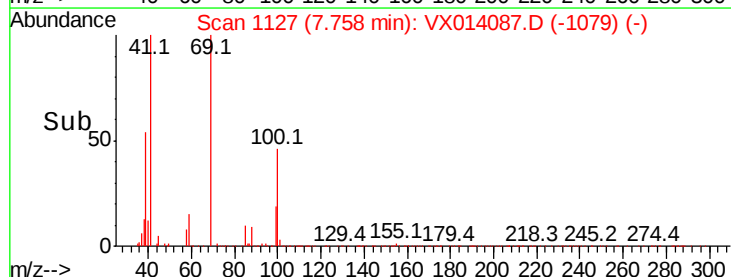
39 53.7 44.6 67.0

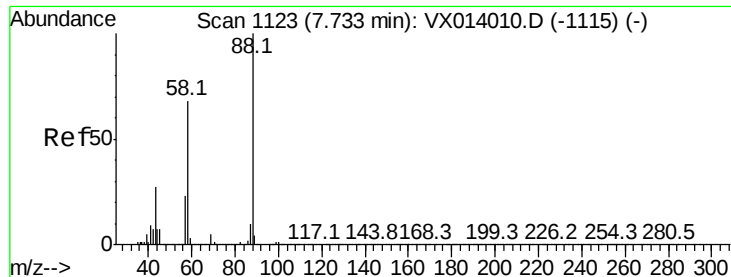


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

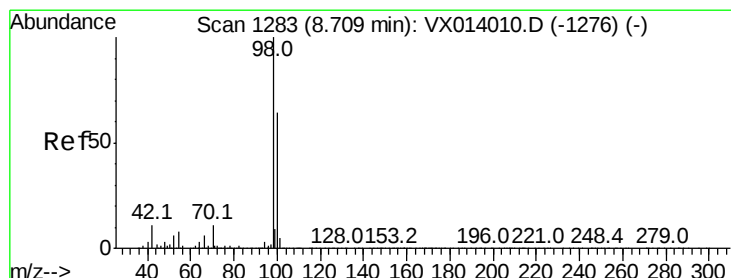
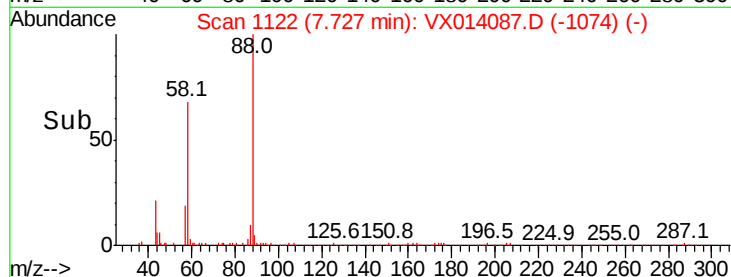
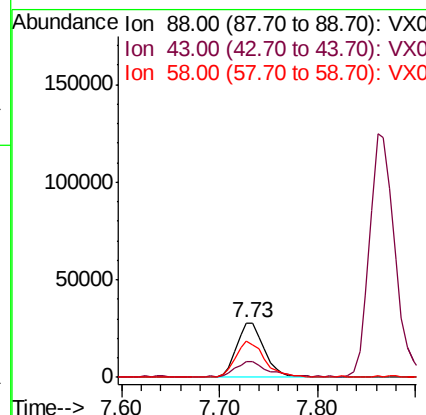
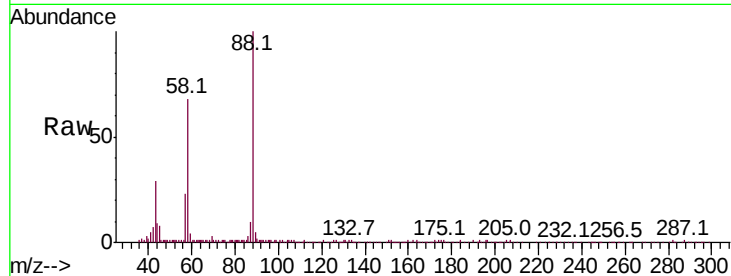




#49
1,4-Dioxane
Concen: 430.176 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

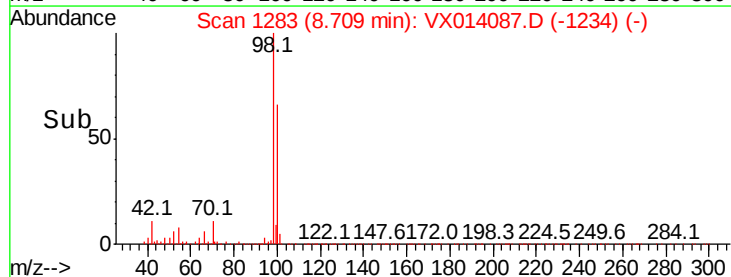
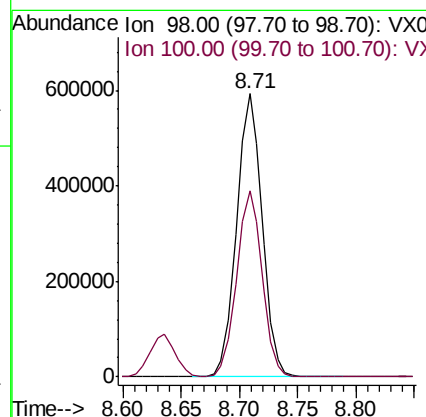
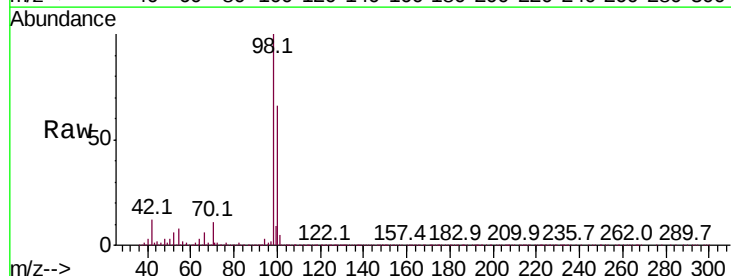
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

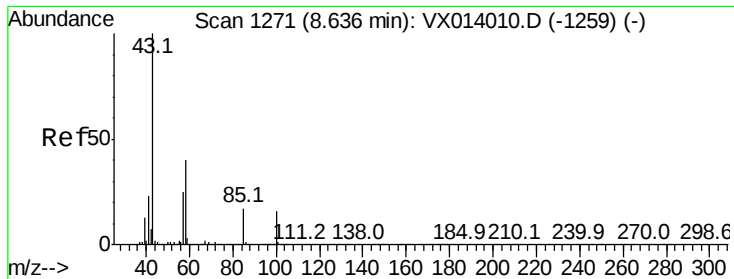
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.5	39.7
58	69.5	56.8	85.2



#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 104.877 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

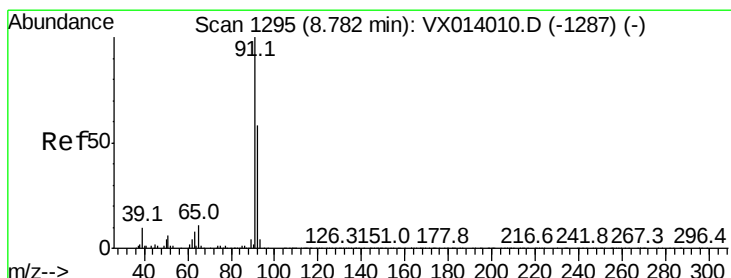
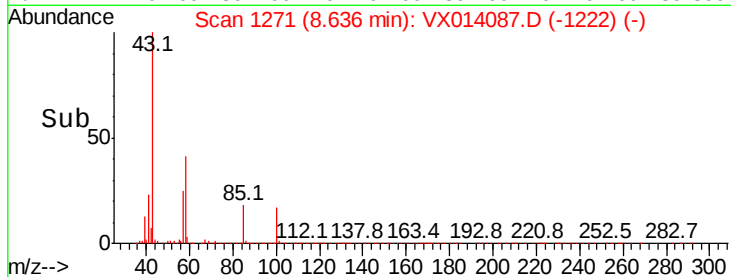
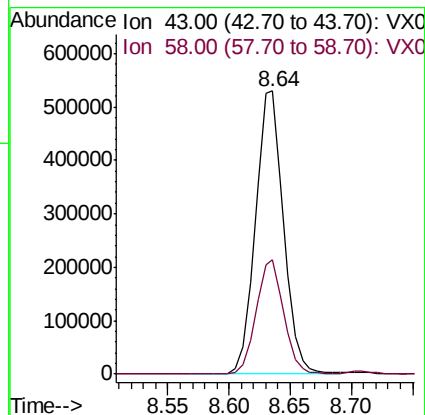
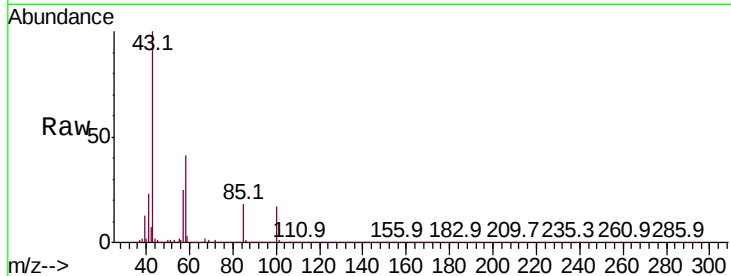
VX1218WBSD01

Tot Ion: 43 Resp: 845857

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 18.727 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014087.D

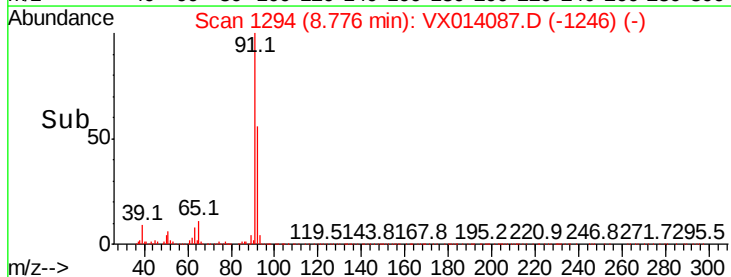
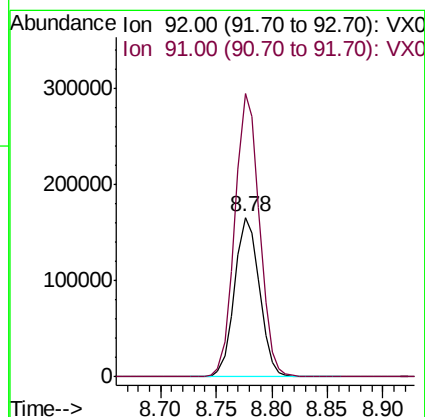
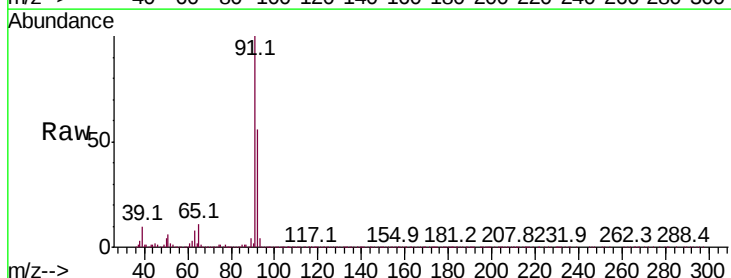
Acq: 18 Dec 2019 11:31

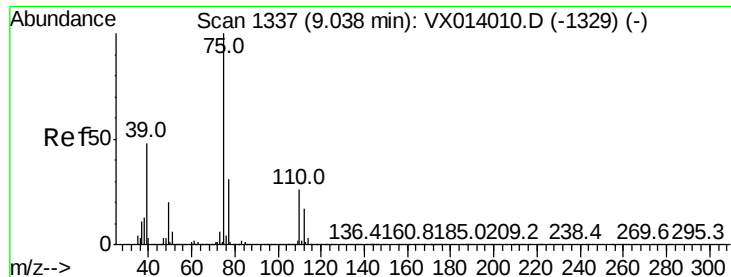
Tgt Ion: 92 Resp: 255935

Ion Ratio Lower Upper

92 100

91 176.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.516 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

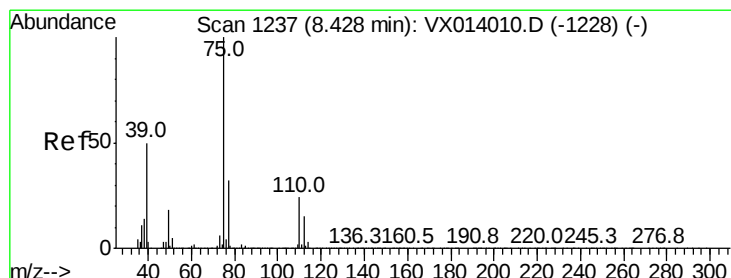
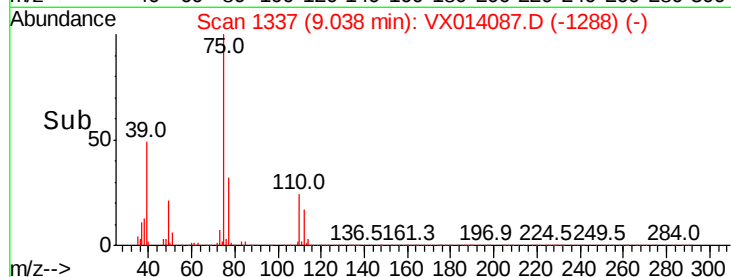
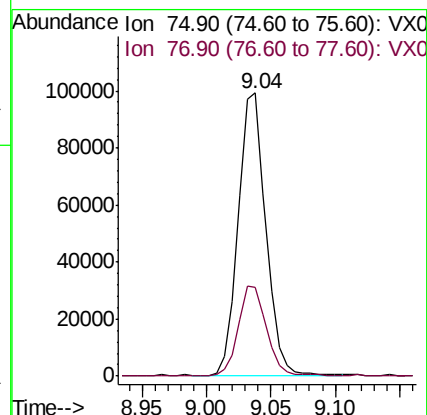
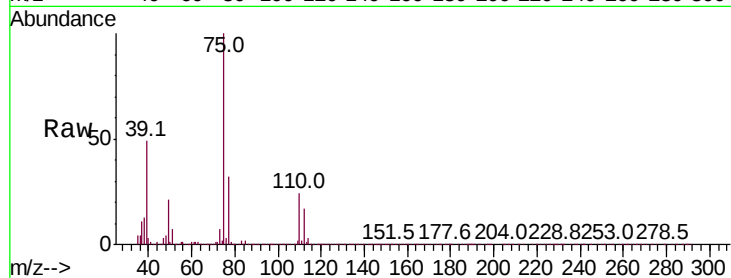
VX1218WBSD01

Tot Ion: 75 Resp: 147671

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.943 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

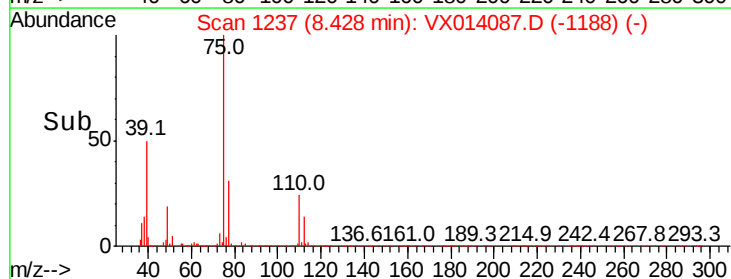
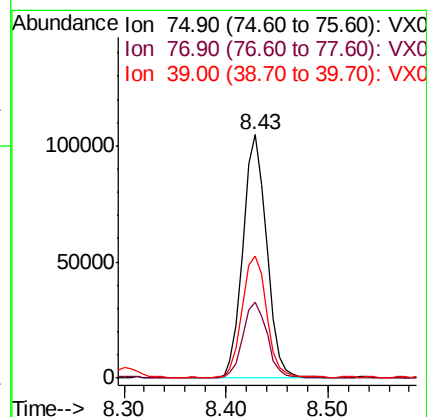
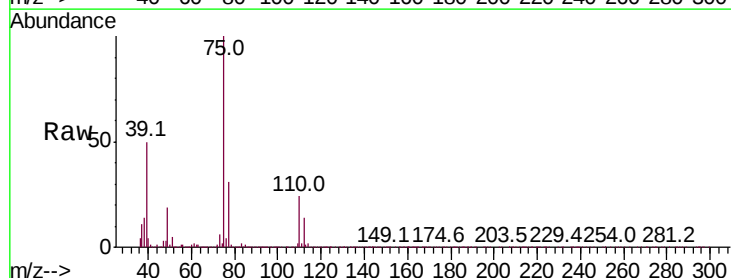
Tgt Ion: 75 Resp: 168115

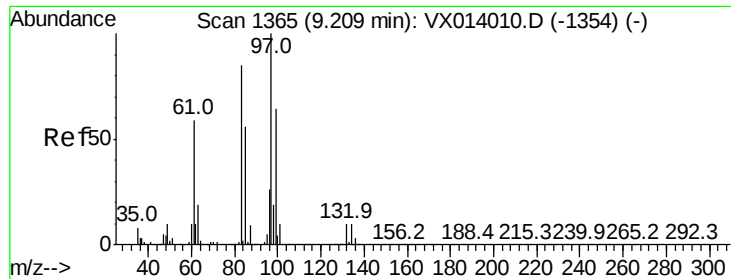
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 49.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.942 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 97 Resp: 109232

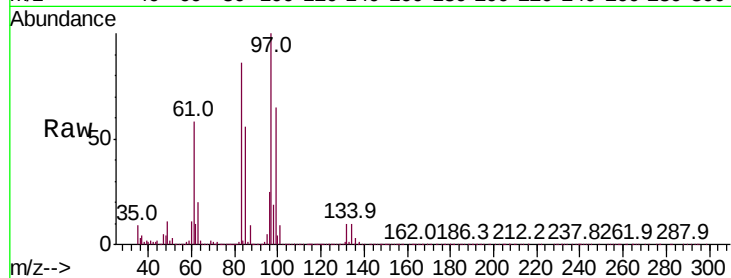
Ion Ratio Lower Upper

97 100

83 85.6 68.2 102.4

85 55.8 44.6 66.8

99 64.8 51.4 77.0

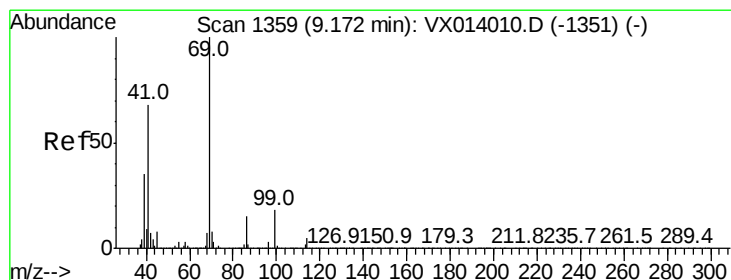
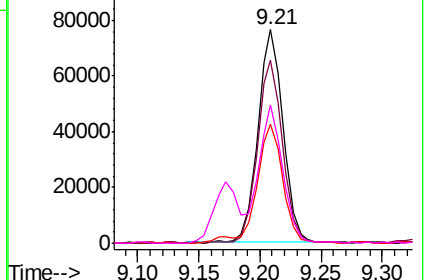
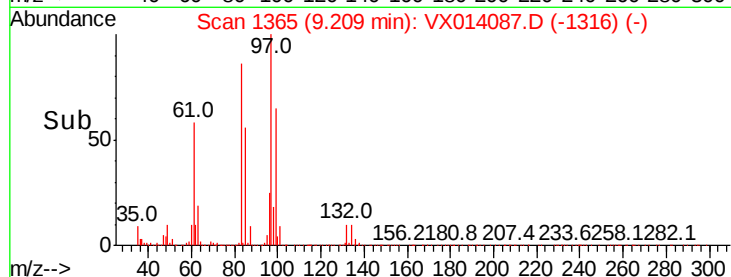


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.854 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

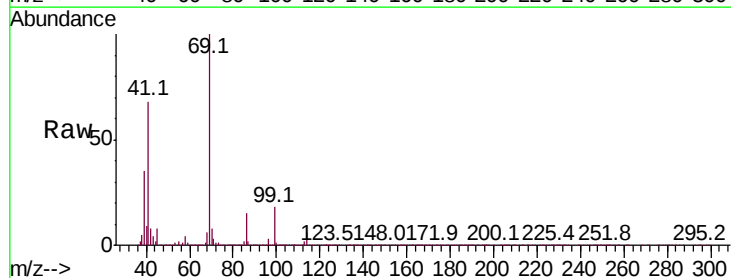
Tgt Ion: 69 Resp: 170827

Ion Ratio Lower Upper

69 100

41 68.0 54.8 82.2

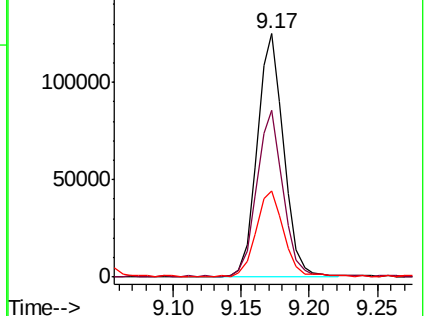
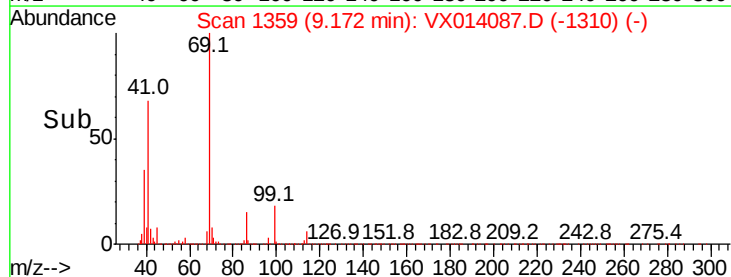
39 36.1 28.3 42.5

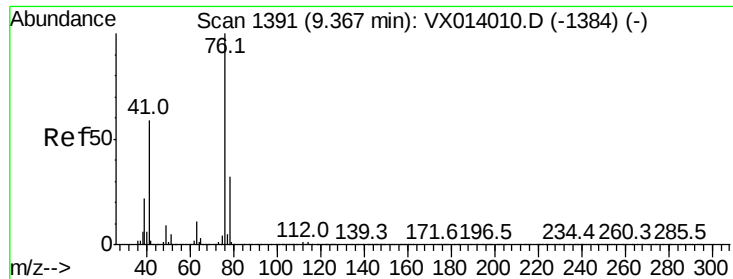


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.225 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

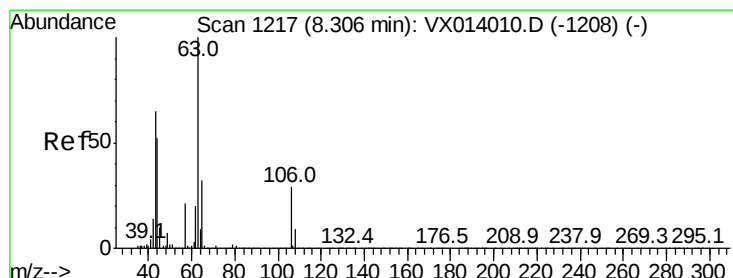
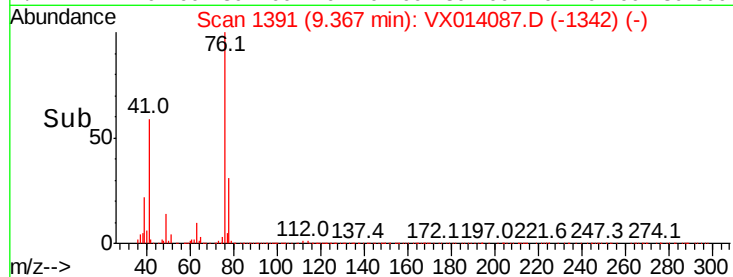
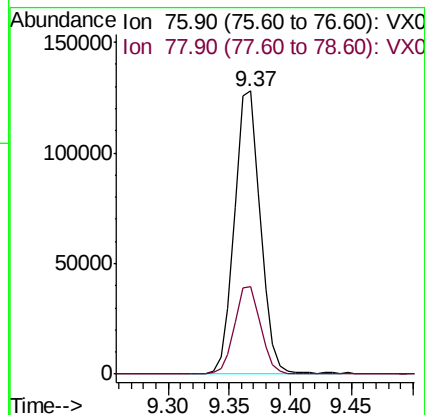
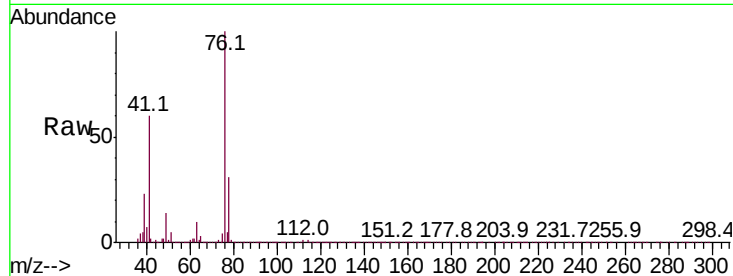
VX1218WBSD01

Tot Ion: 76 Resp: 186390

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.213 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014087.D

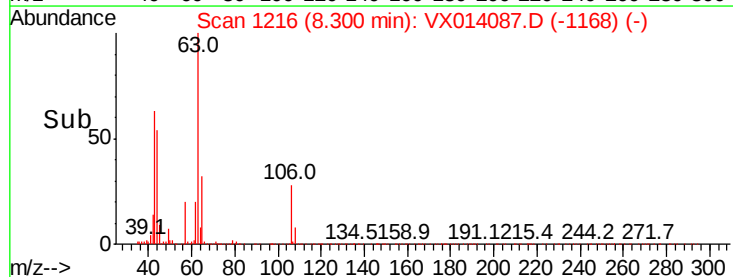
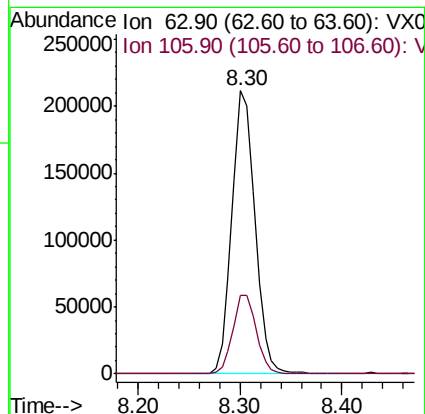
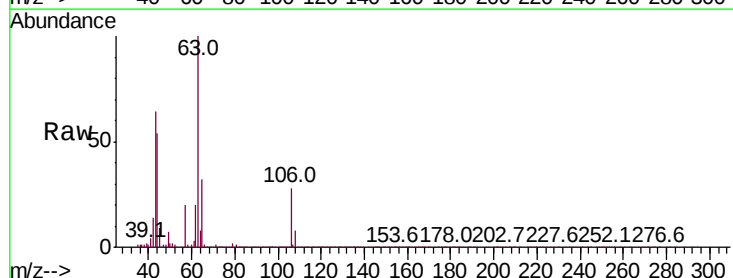
Acq: 18 Dec 2019 11:31

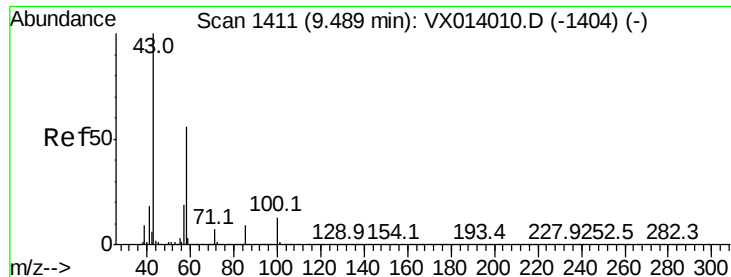
Tgt Ion: 63 Resp: 329557

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

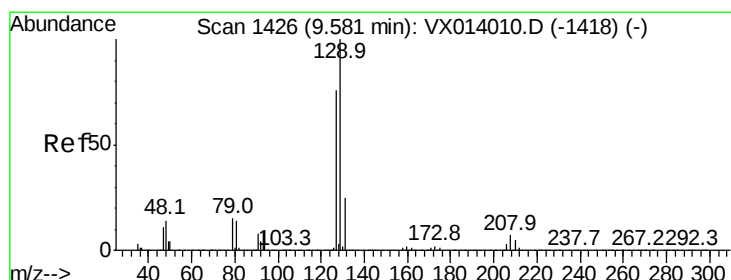
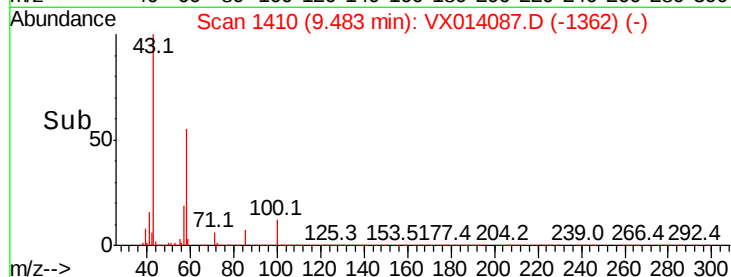
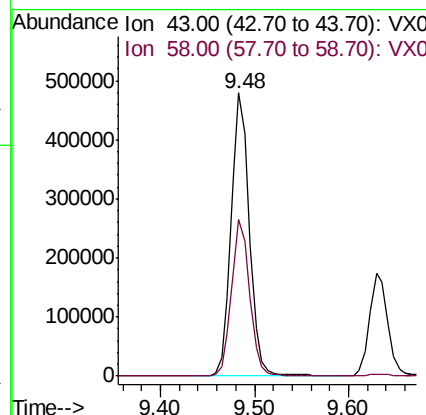
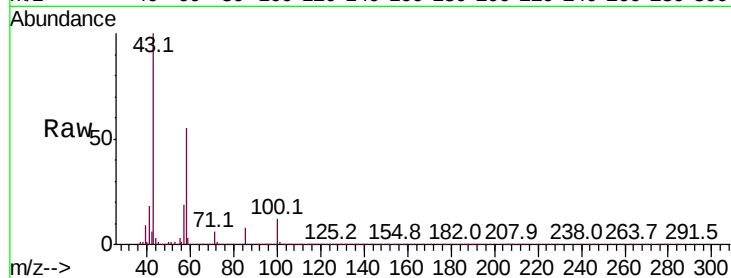




#59
2-Hexanone
Concen: 99.213 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

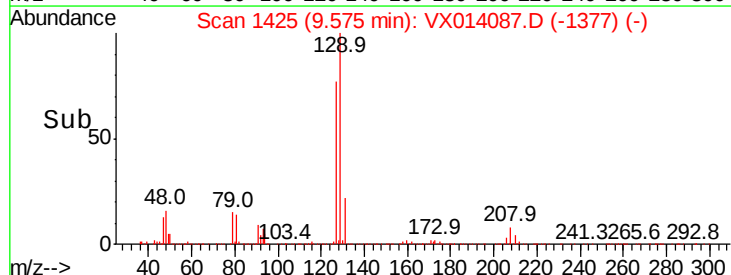
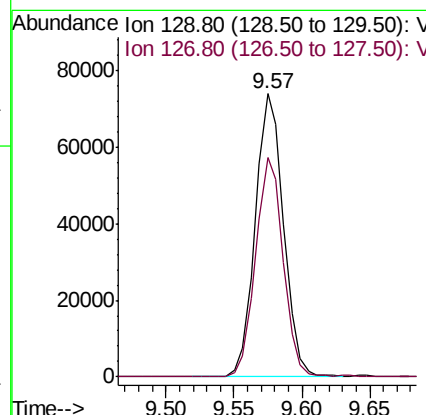
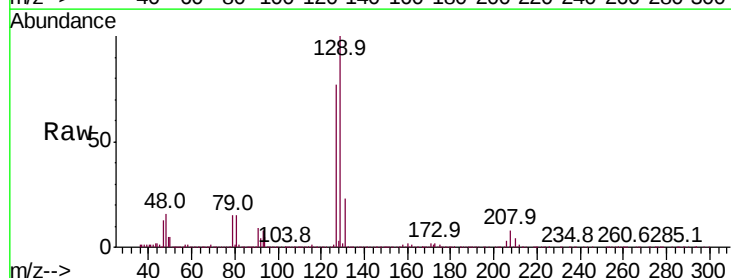
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

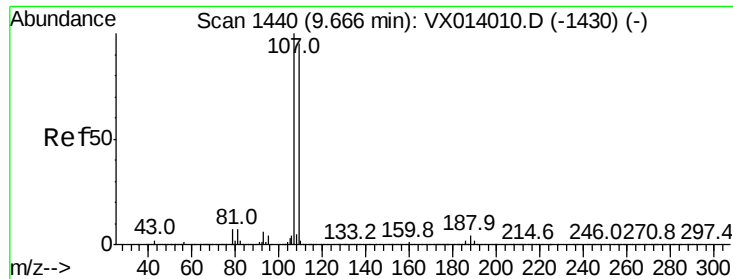
Tot Ion: 43 Resp: 644144
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 19.719 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 129 Resp: 107362
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.734 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

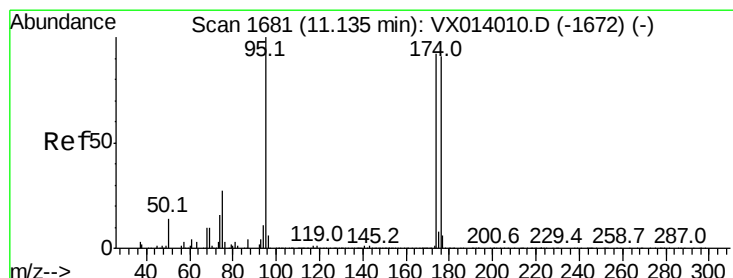
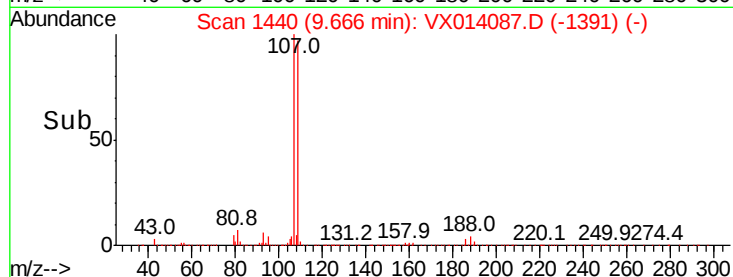
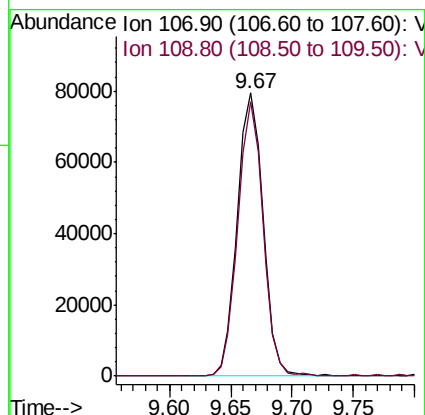
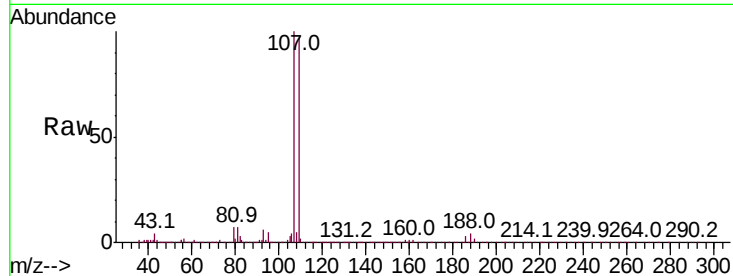
VX1218WBSD01

Tot Ion:107 Resp: 116196

Ion Ratio Lower Upper

107 100

109 94.1 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 48.367 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

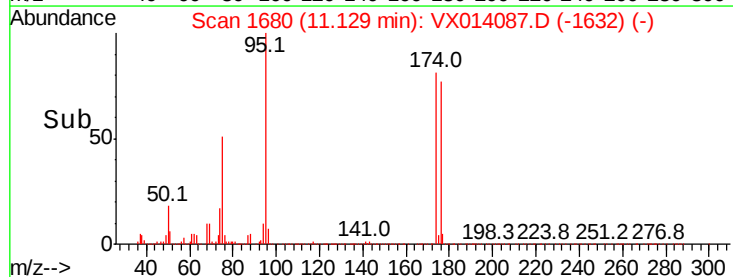
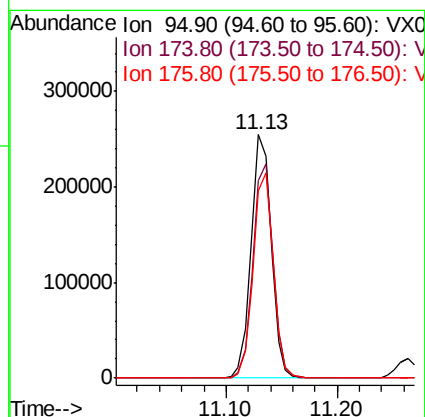
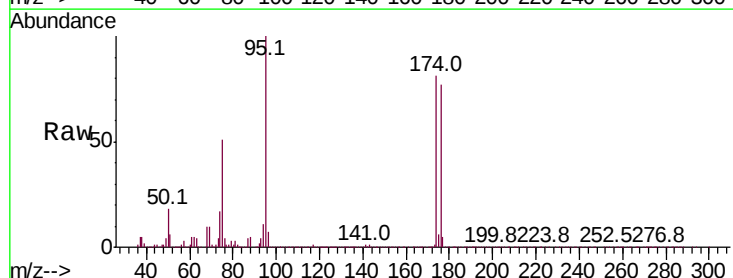
Tgt Ion: 95 Resp: 320455

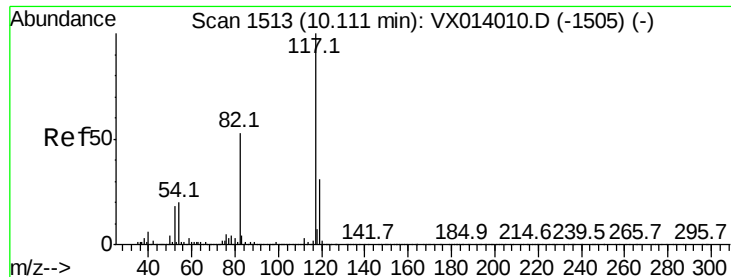
Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

176 84.9 0.0 173.0

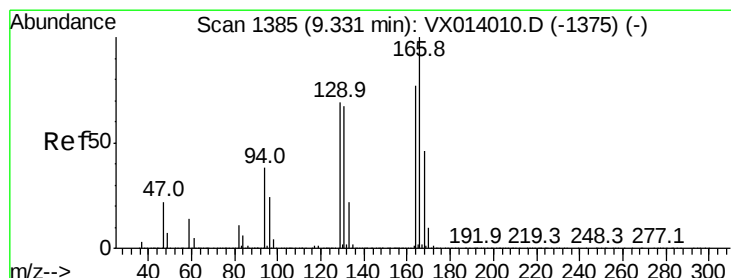
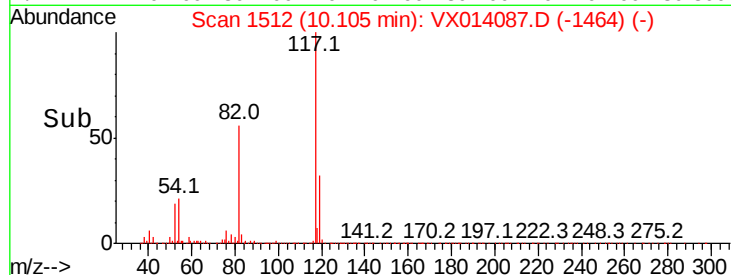
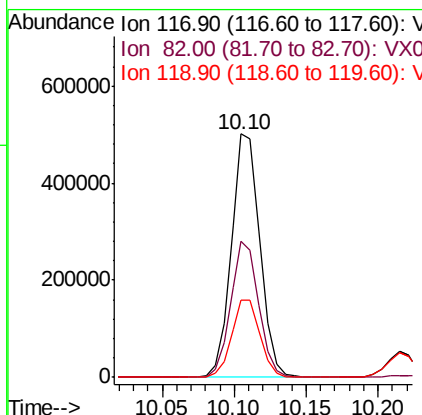
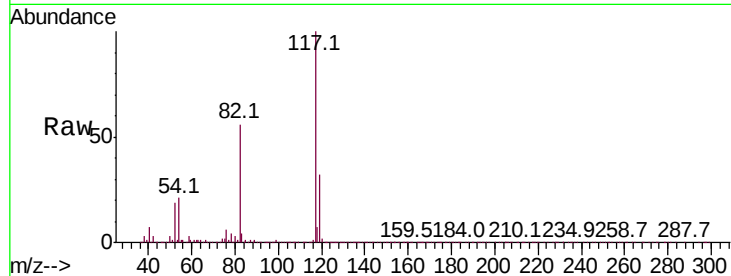




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

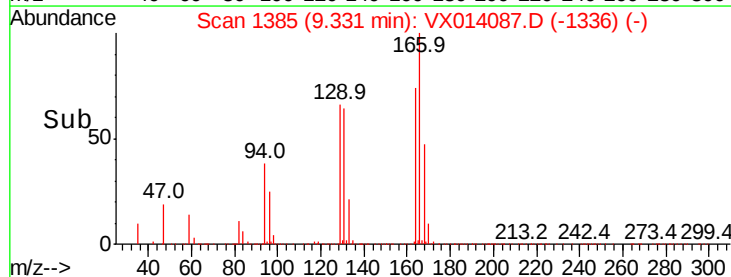
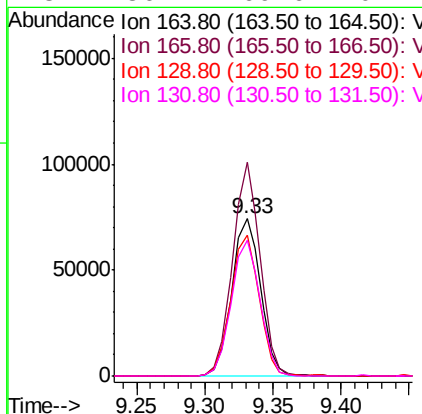
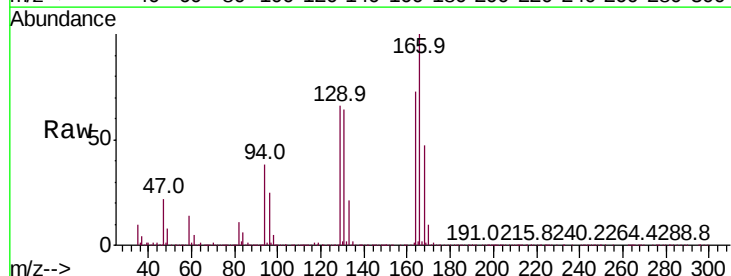
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

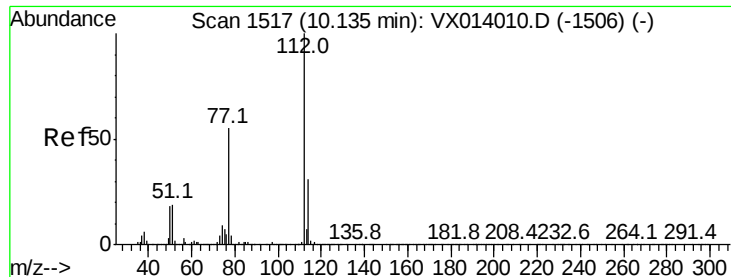
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	42.2	63.4
119	31.6	25.1	37.7



#64
Tetrachloroethene
Concen: 17.785 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.3	104.0	156.0
129	89.7	72.2	108.4
131	86.7	69.6	104.4





#65

Chlorobenzene

Concen: 18.997 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

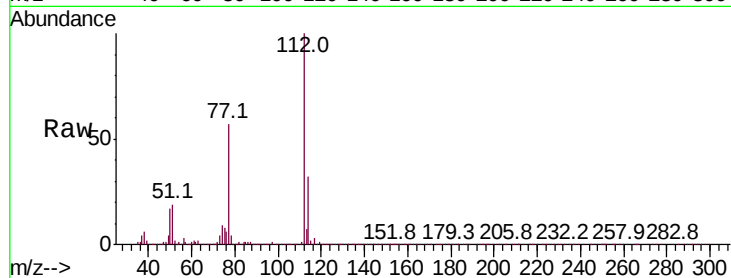
VX1218WBSD01

Tot Ion:112 Resp: 280156

Ion Ratio Lower Upper

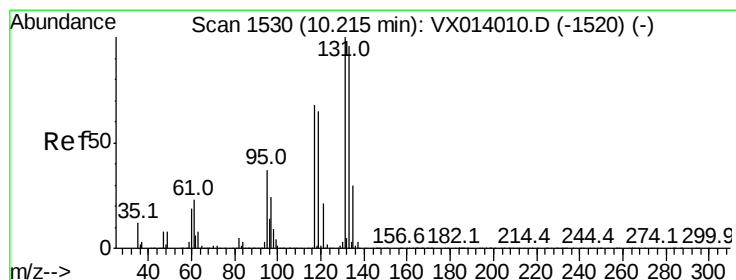
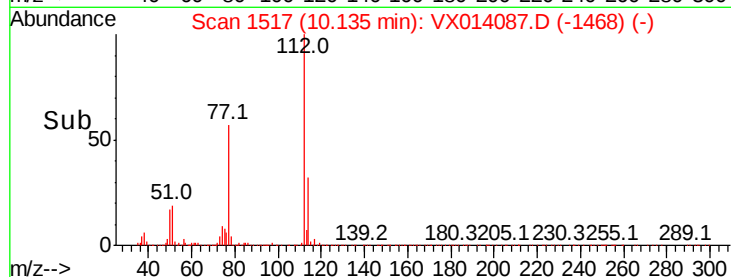
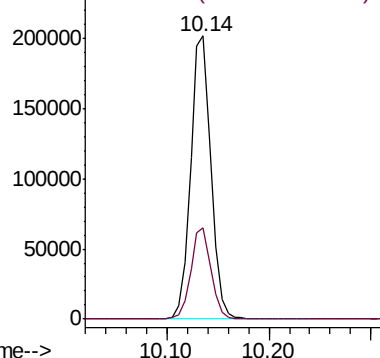
112 100

114 32.1 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.333 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

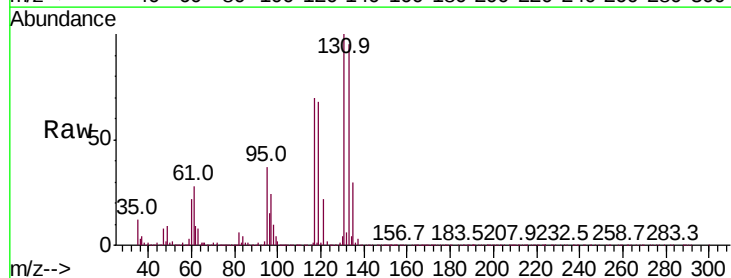
Tgt Ion:131 Resp: 101801

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

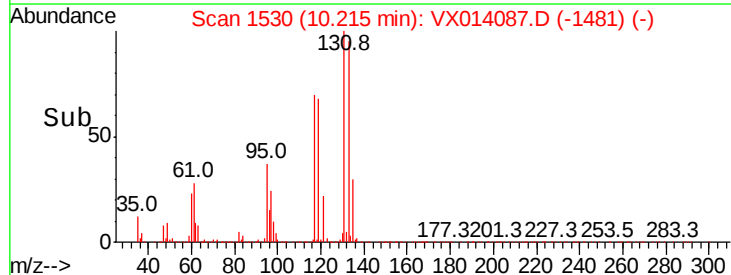
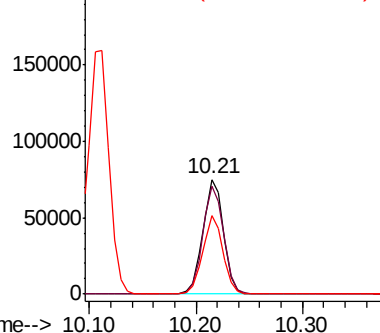
119 66.7 33.4 100.2

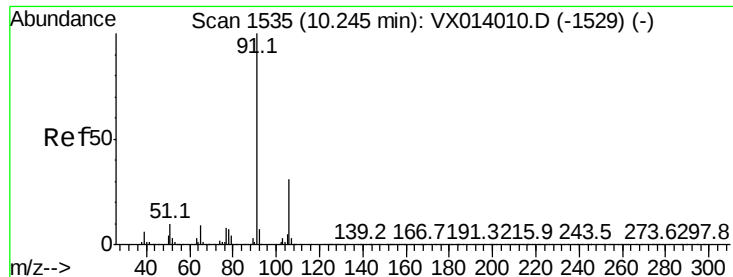


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.138 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

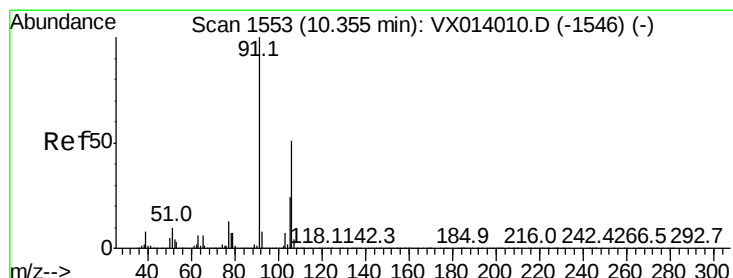
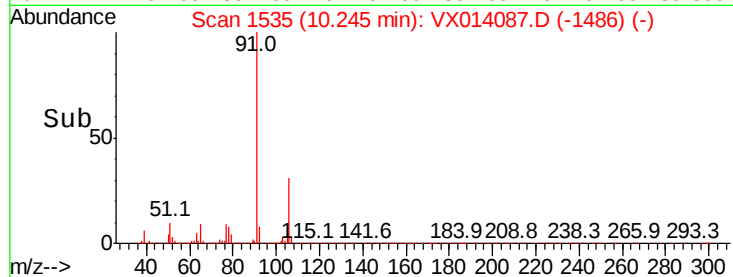
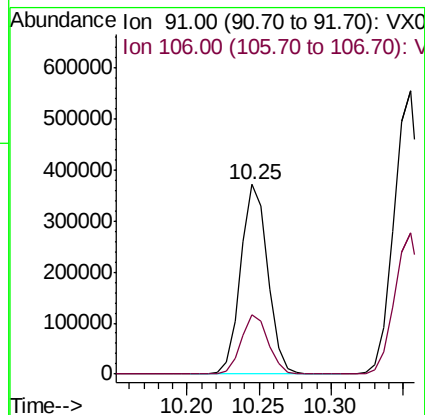
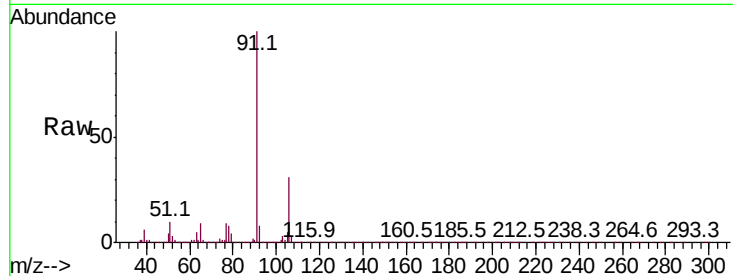
VX1218WBSD01

Tot Ion: 91 Resp: 485244

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 37.909 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014087.D

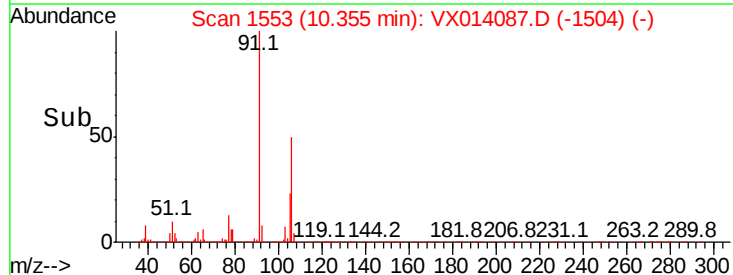
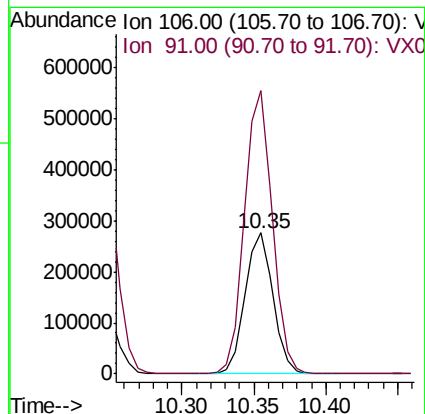
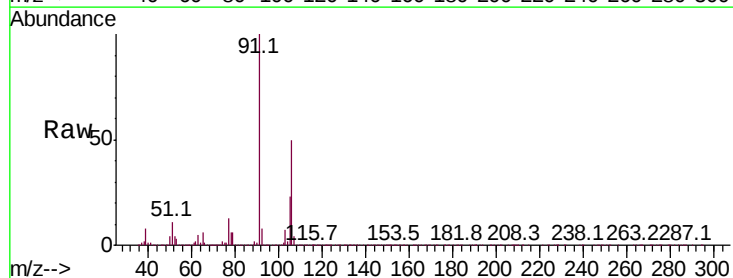
Acq: 18 Dec 2019 11:31

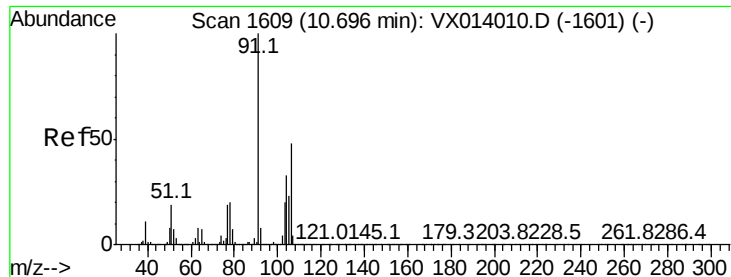
Tgt Ion: 106 Resp: 369680

Ion Ratio Lower Upper

106 100

91 200.4 158.6 238.0

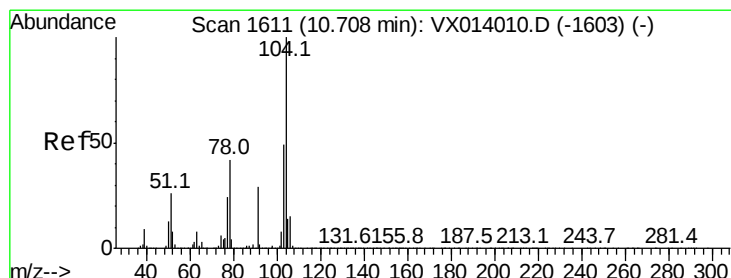
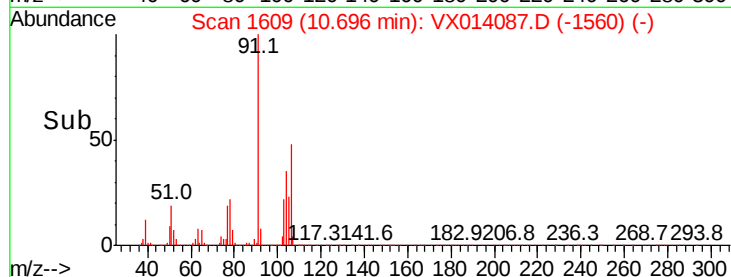
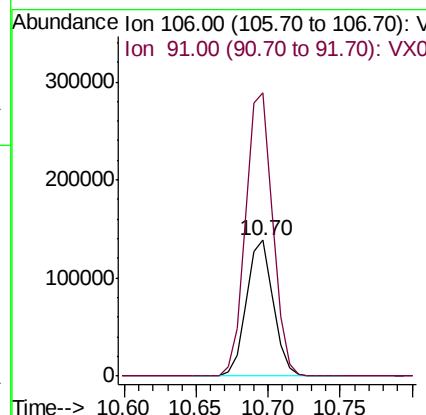
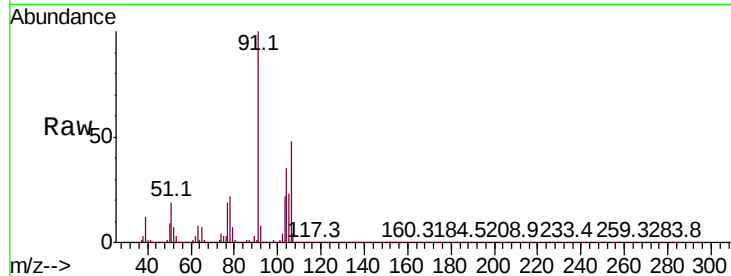




#69
o-Xylene
Concen: 18.594 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

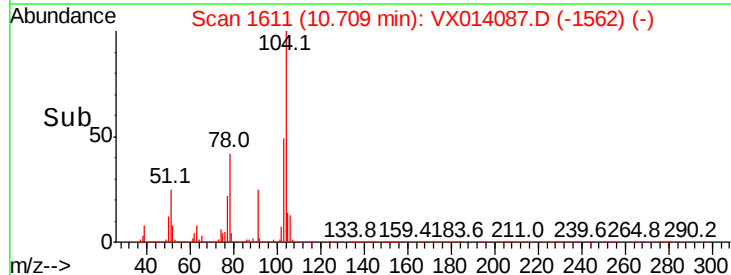
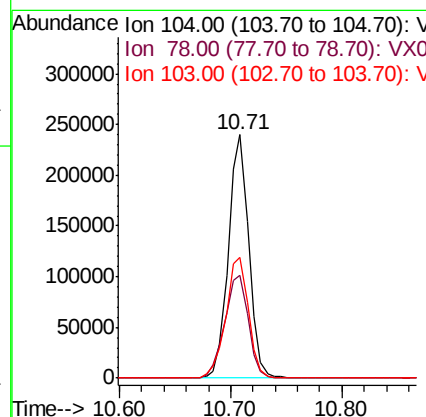
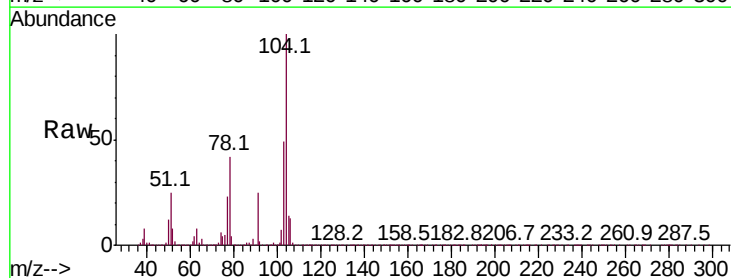
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

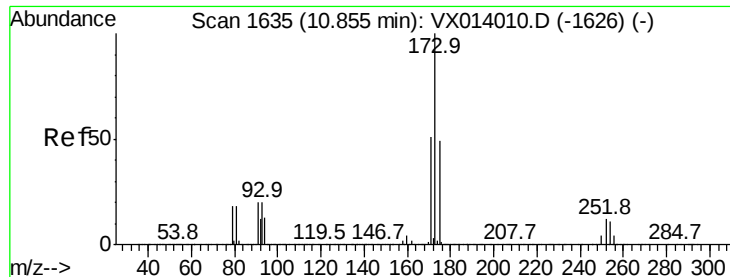
Tot Ion:106 Resp: 177830
Ion Ratio Lower Upper
106 100
91 211.3 104.2 312.6



#70
Styrene
Concen: 18.792 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion:104 Resp: 303913
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 55.1 42.9 64.3

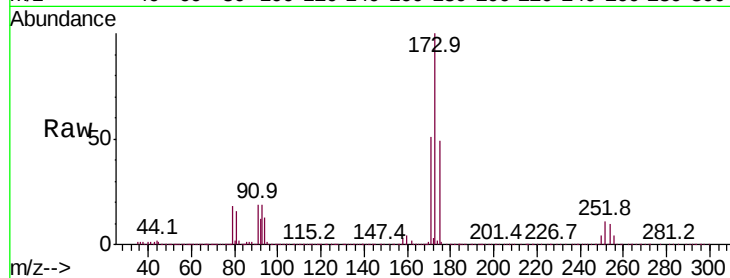




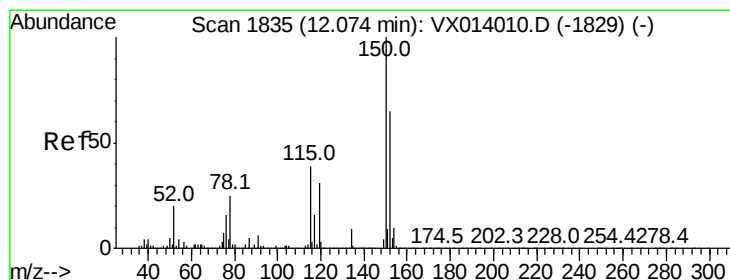
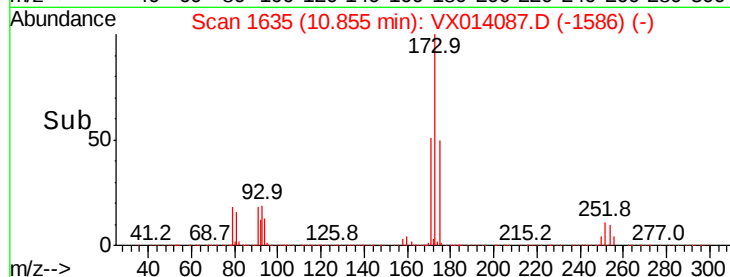
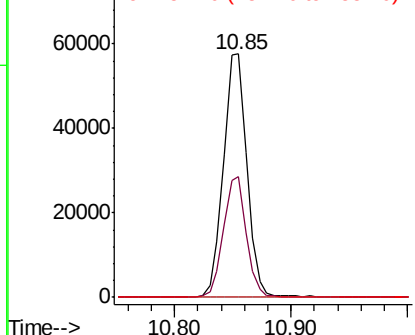
#71
Bromoform
Concen: 19.072 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion:173 Resp: 80725
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.4
254 0.1 0.2 0.2#

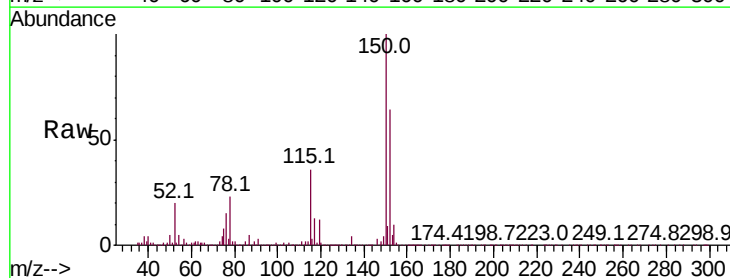


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

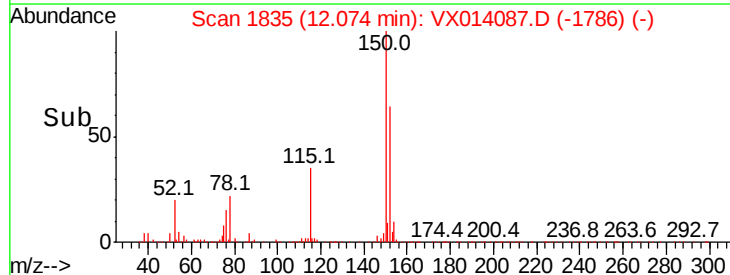
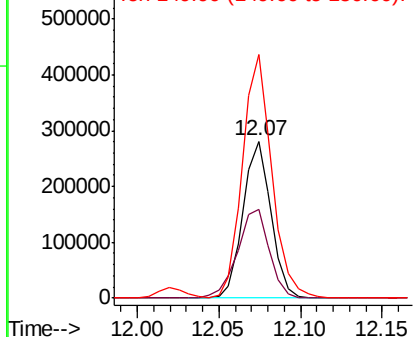


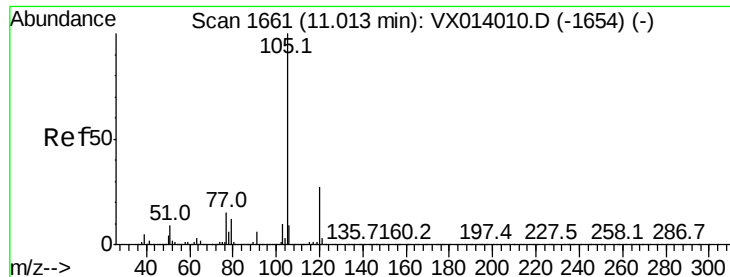
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion:152 Resp: 336326
Ion Ratio Lower Upper
152 100
115 64.3 38.3 114.9
150 162.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.789 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

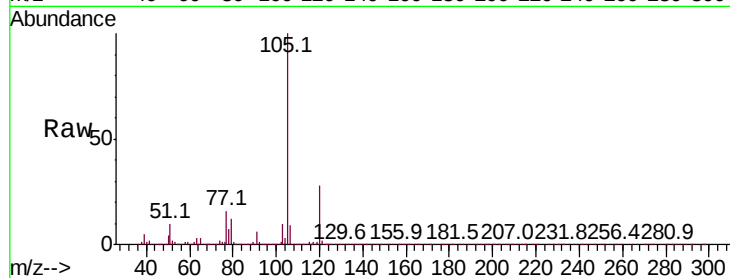
VX1218WBSD01

Tot Ion:105 Resp: 468612

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

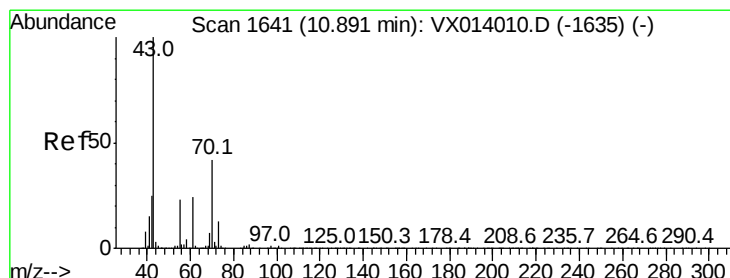
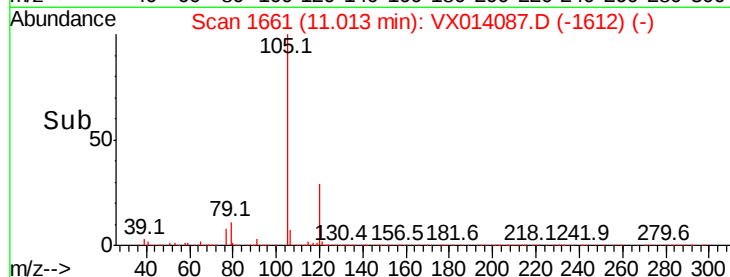
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.036 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion: 43 Resp: 222393

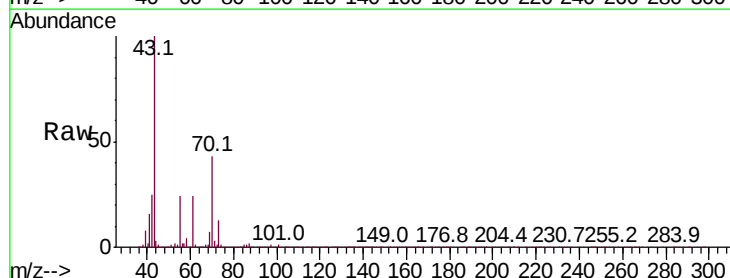
Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 24.1 19.1 28.7

61 23.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

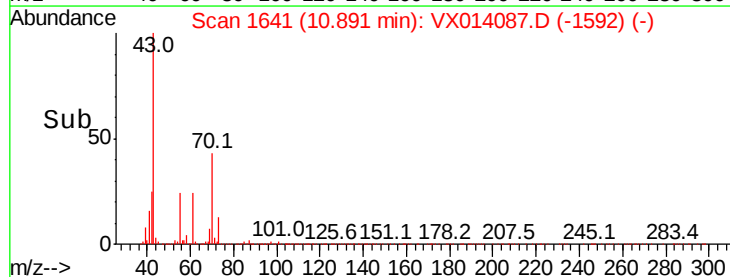
150000

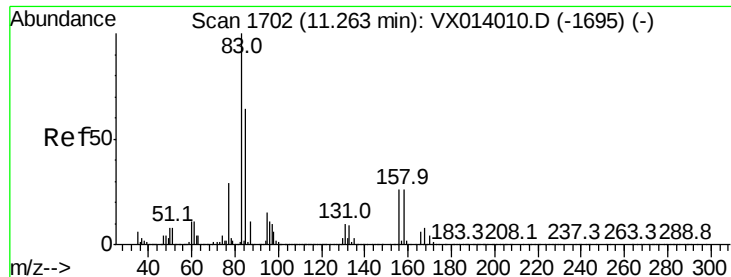
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.734 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

VX1218WBSD01

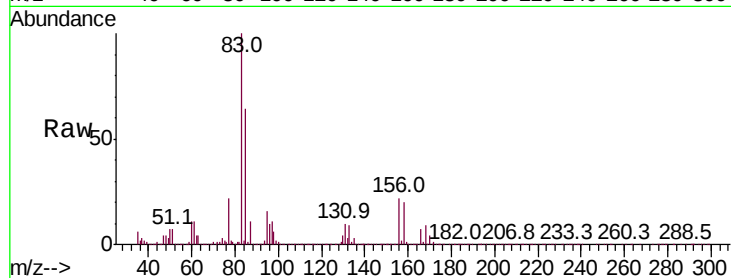
Tot Ion: 83 Resp: 170216

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

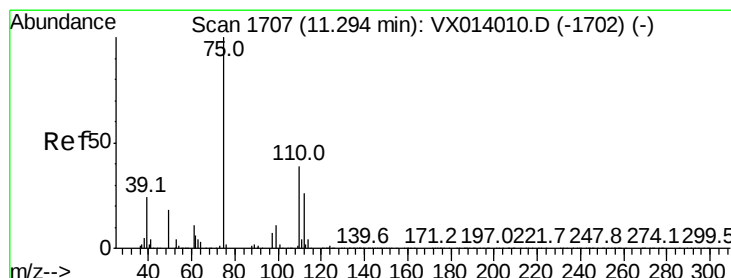
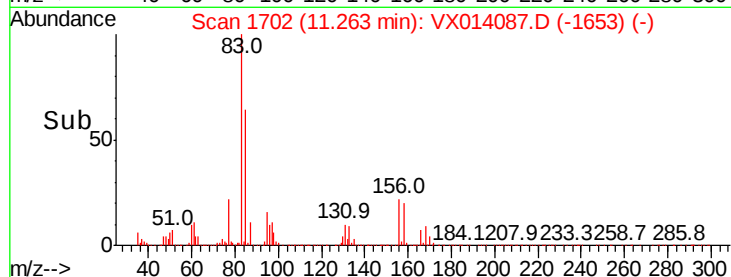
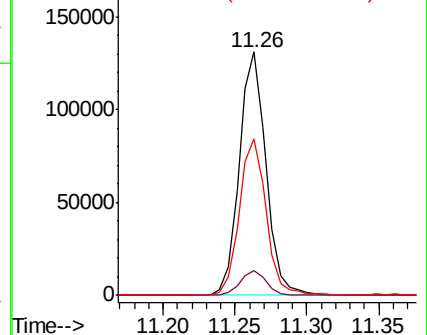
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.688 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014087.D

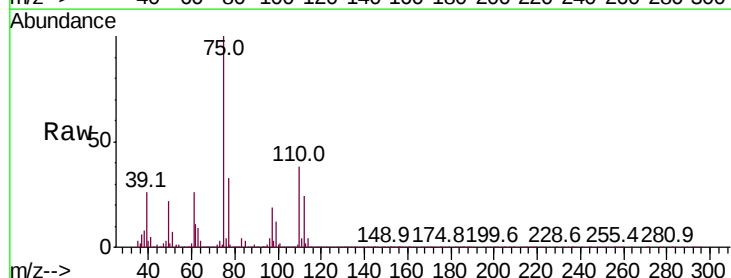
Acq: 18 Dec 2019 11:31

Tgt Ion: 75 Resp: 187564

Ion Ratio Lower Upper

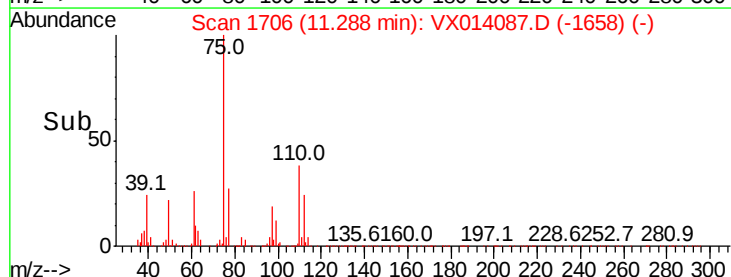
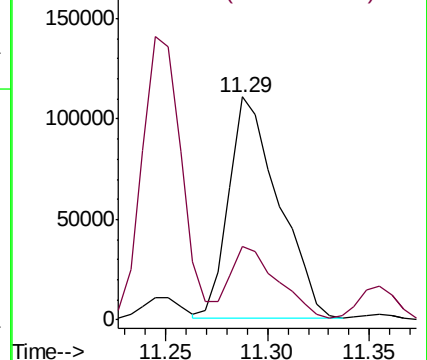
75 100

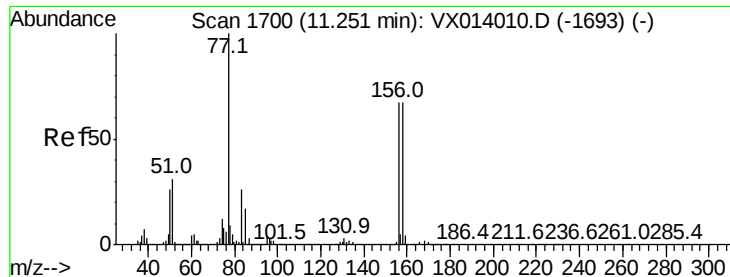
77 31.0 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.456 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

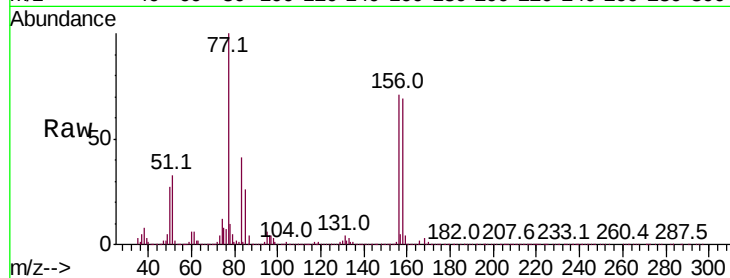
Tot Ion:156 Resp: 126759

Ion Ratio Lower Upper

156 100

77 150.2 76.5 229.5

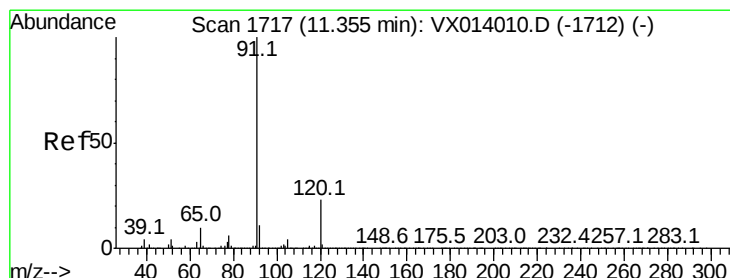
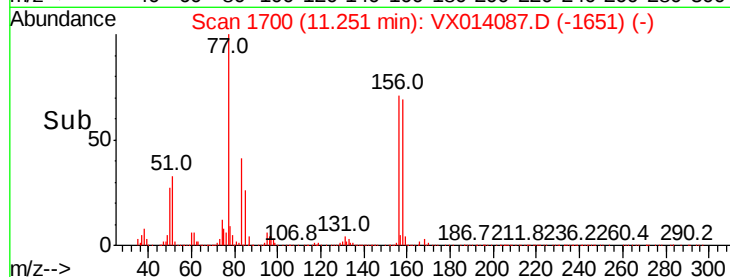
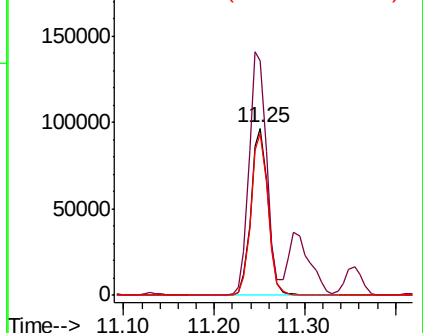
158 96.0 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.089 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014087.D

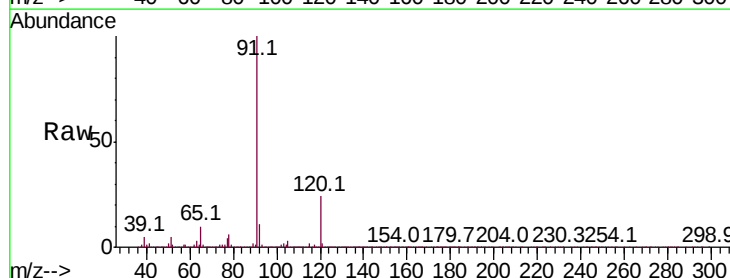
Acq: 18 Dec 2019 11:31

Tgt Ion: 91 Resp: 533594

Ion Ratio Lower Upper

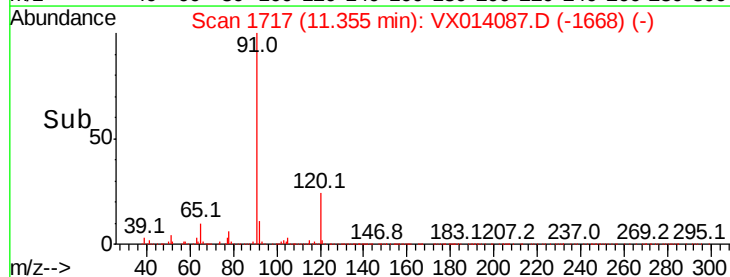
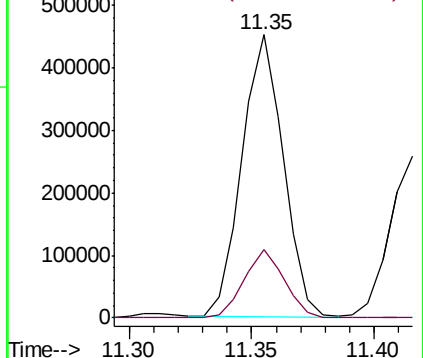
91 100

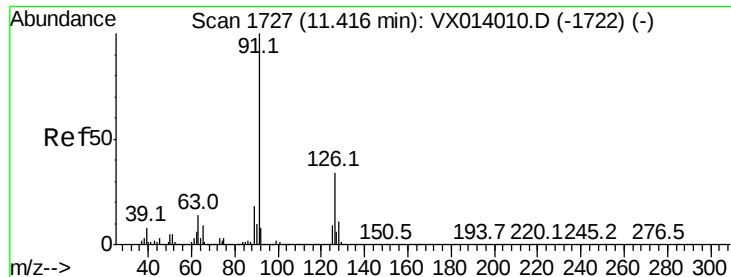
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.794 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

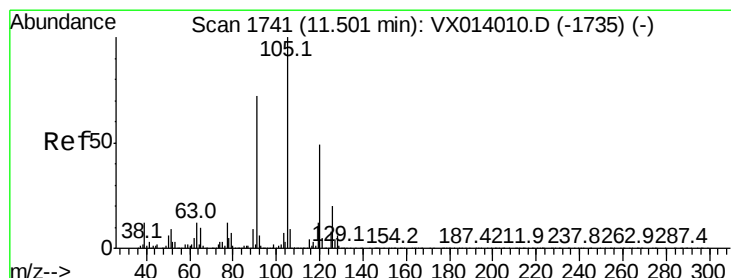
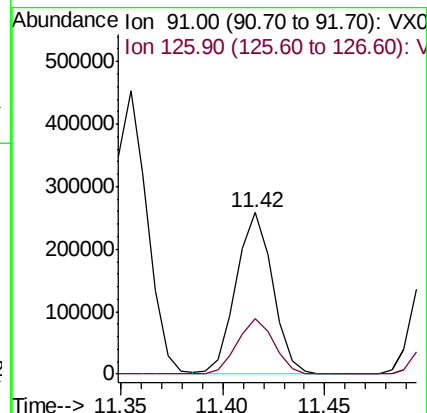
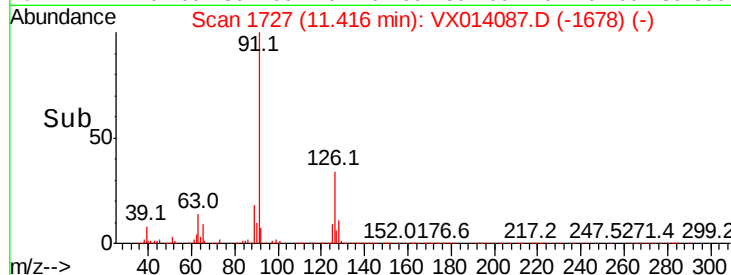
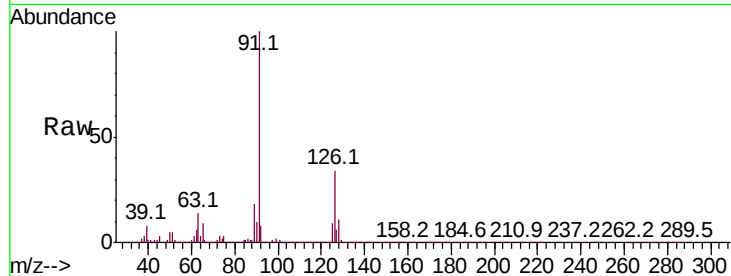
VX1218WBSD01

Tot Ion: 91 Resp: 319599

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.646 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014087.D

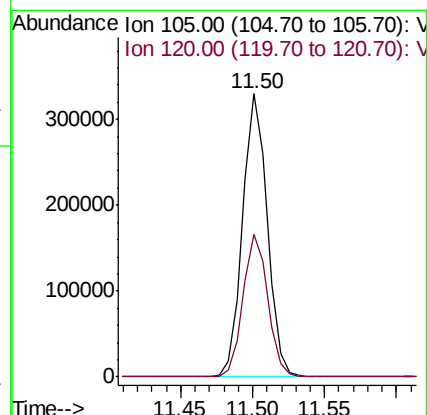
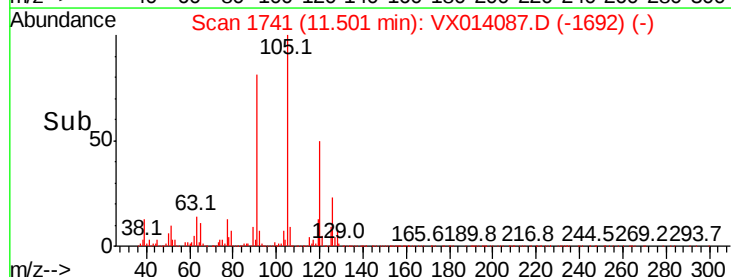
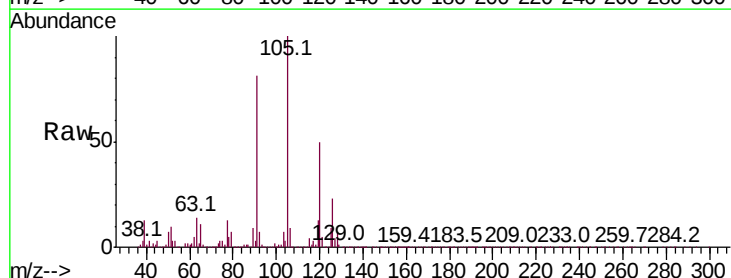
Acq: 18 Dec 2019 11:31

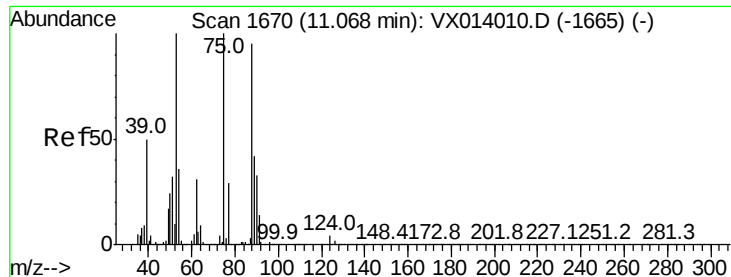
Tgt Ion: 105 Resp: 391534

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8

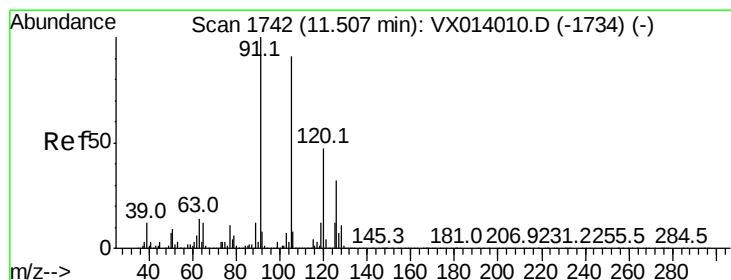
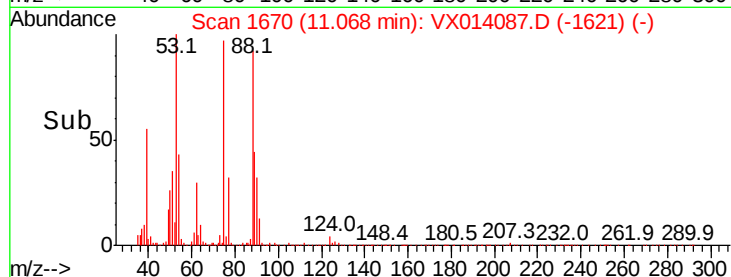
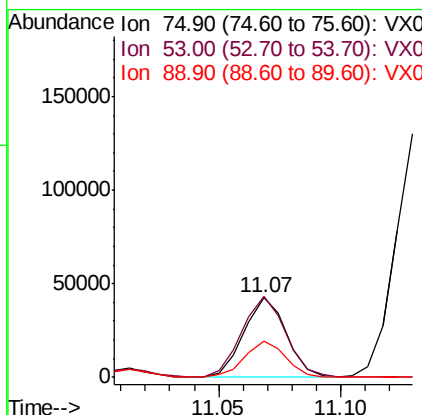
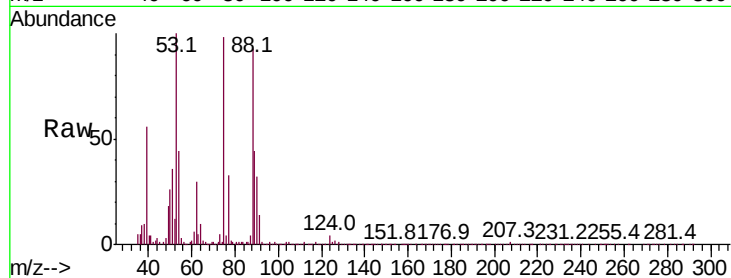




#81
trans-1,4-Dichloro-2-butene
Concen: 19.900 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

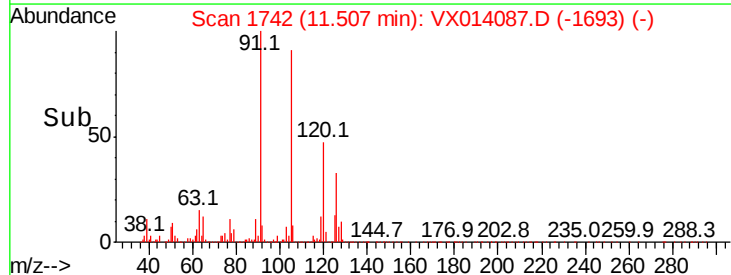
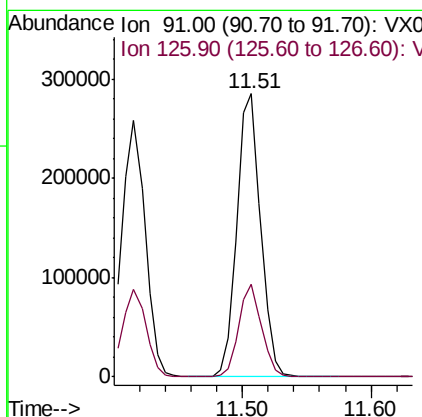
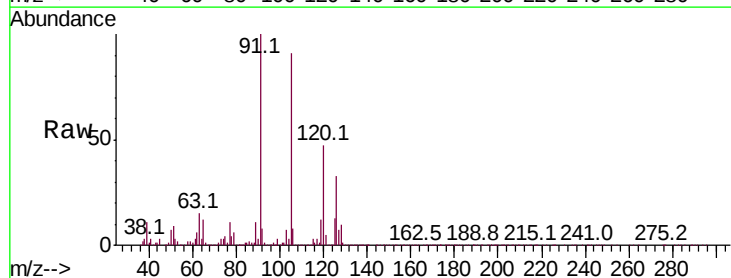
Instrument :
MSVOA_X
ClientSampled :
VX1218WBSD01

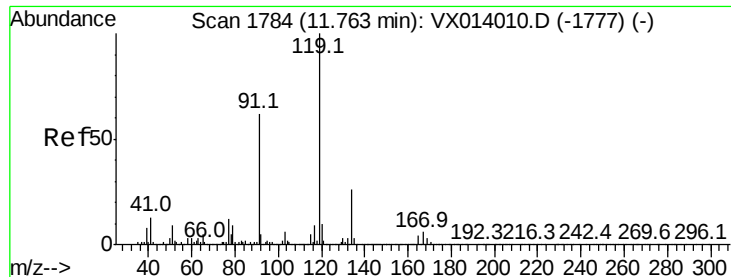
Tot Ion: 75 Resp: 51480
Ion Ratio Lower Upper
75 100
53 103.6 76.7 115.1
89 43.5 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.449 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 91 Resp: 364245
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8

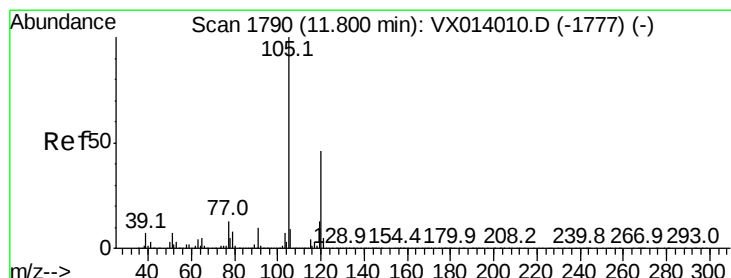
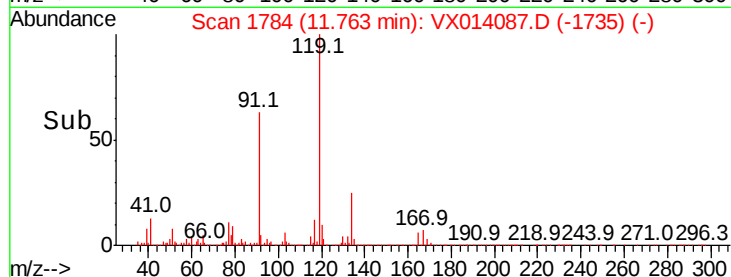
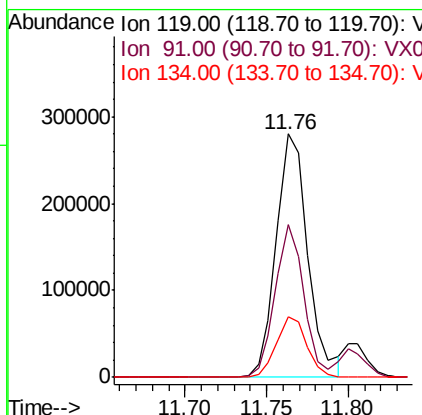
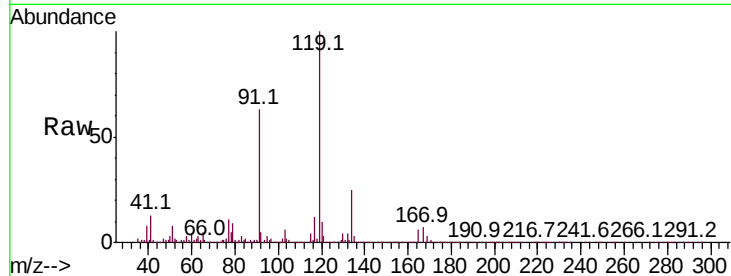




#83
tert-Butylbenzene
Concen: 19.589 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

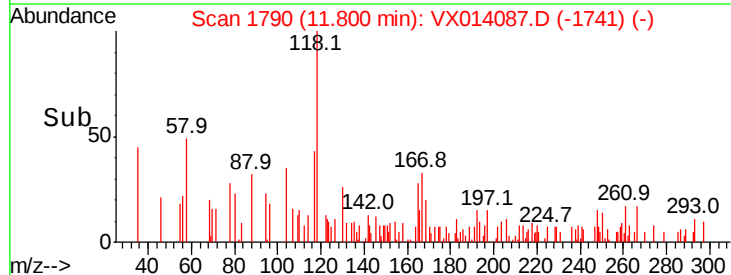
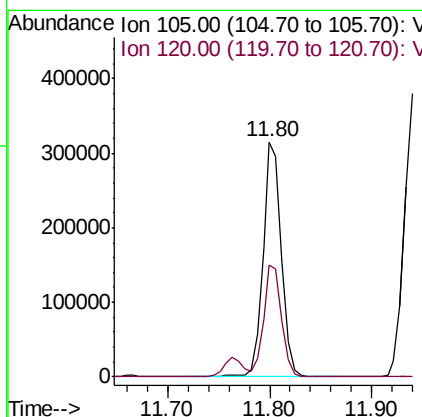
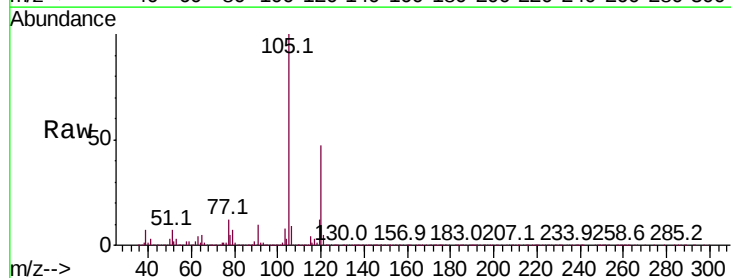
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

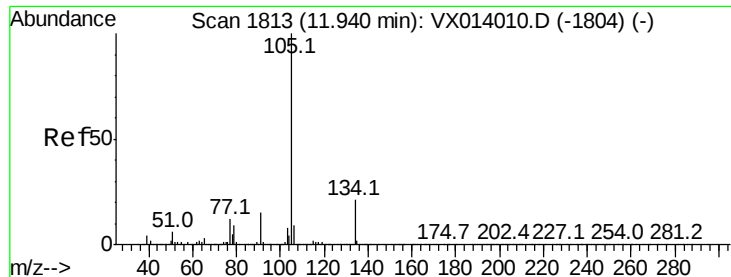
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.5	85.6
134	23.8	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.648 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.862 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

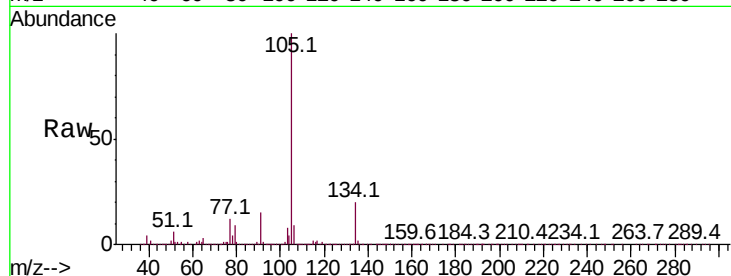
VX1218WBSD01

Tot Ion:105 Resp: 454755

Ion Ratio Lower Upper

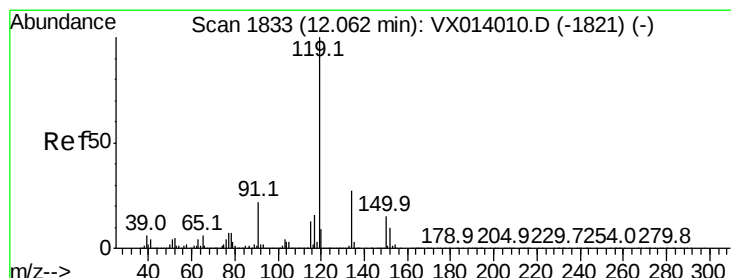
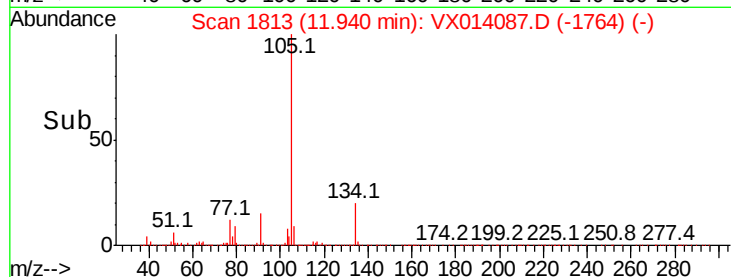
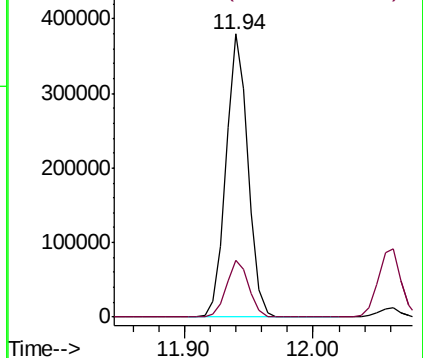
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.583 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

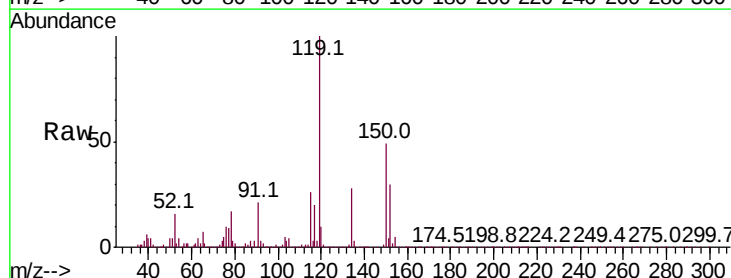
Tgt Ion:119 Resp: 410123

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

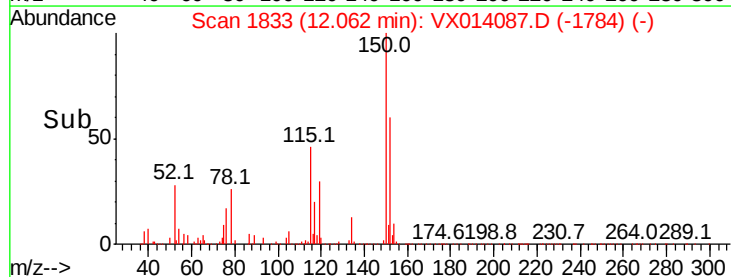
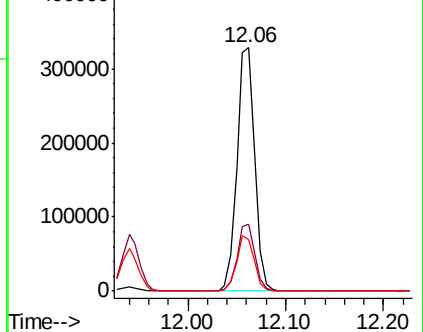
91 22.6 11.4 34.1

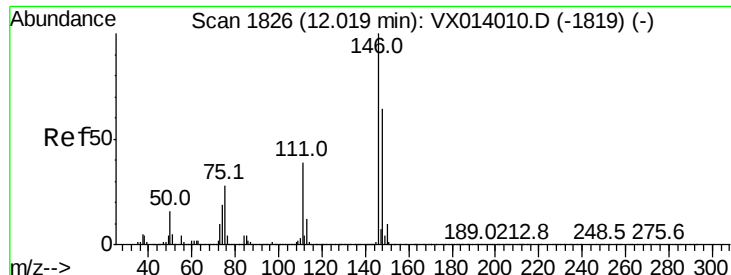


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.925 ug/l

RT: 12.02 min Scan# 1826

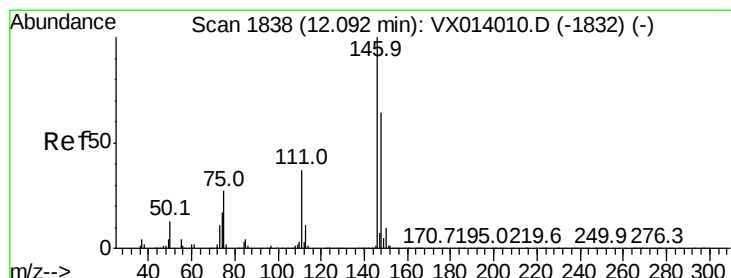
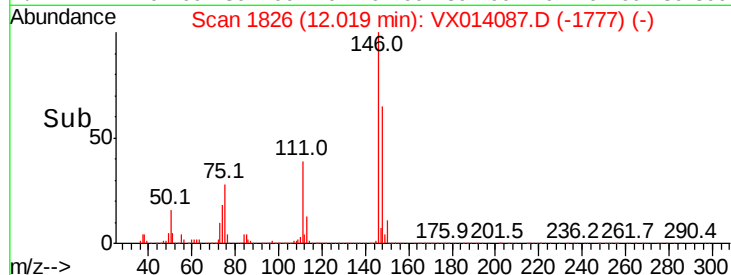
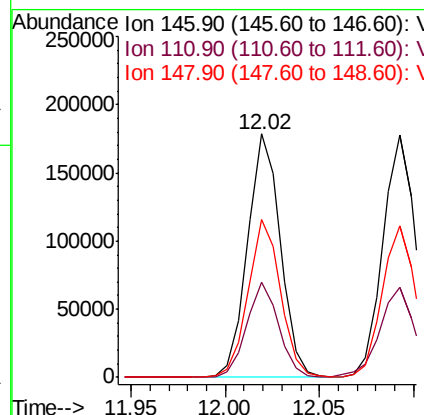
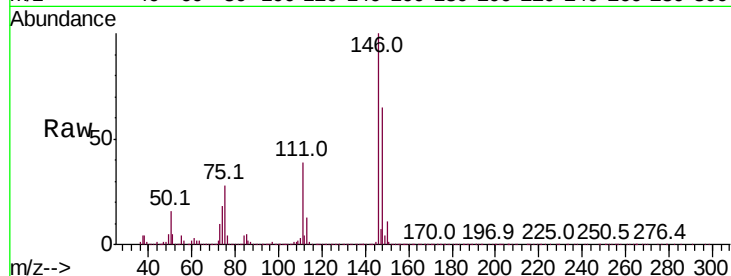
Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.720 ug/l

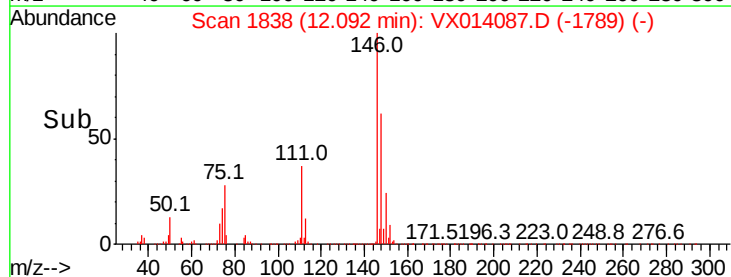
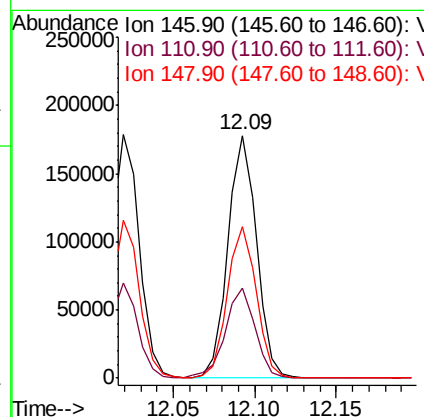
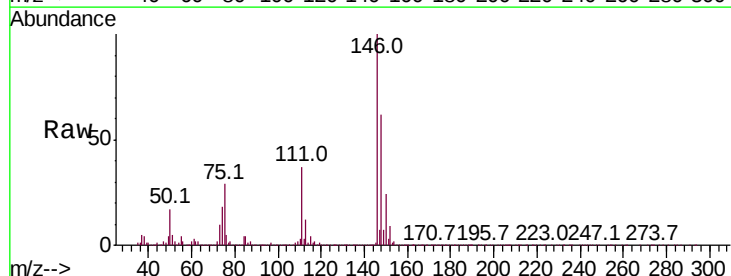
RT: 12.09 min Scan# 1838

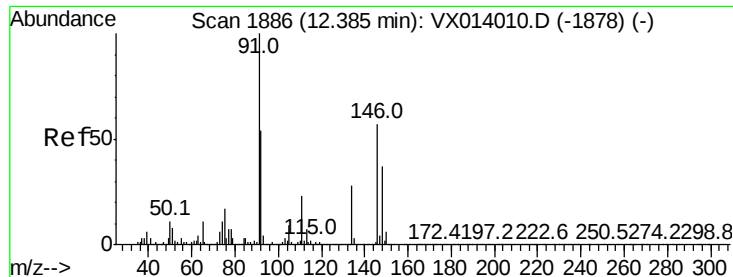
Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	63.7	31.9	95.9

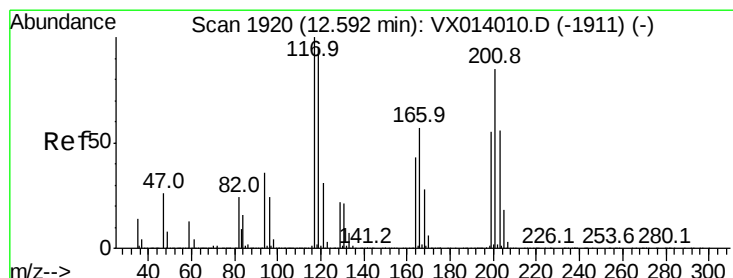
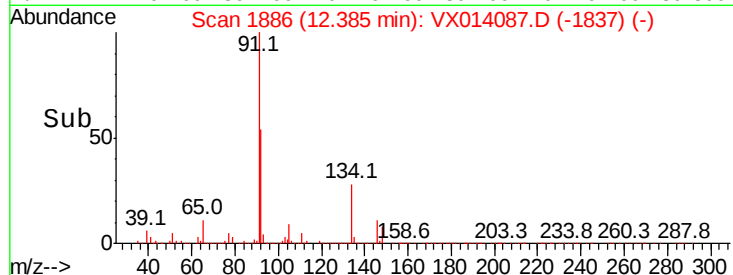
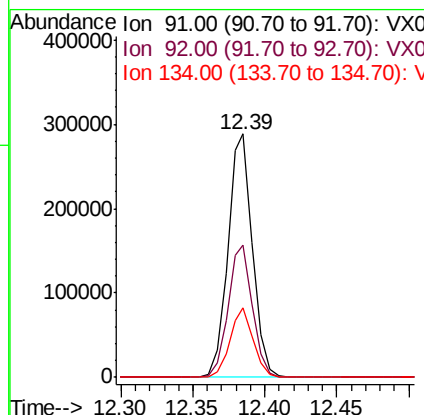
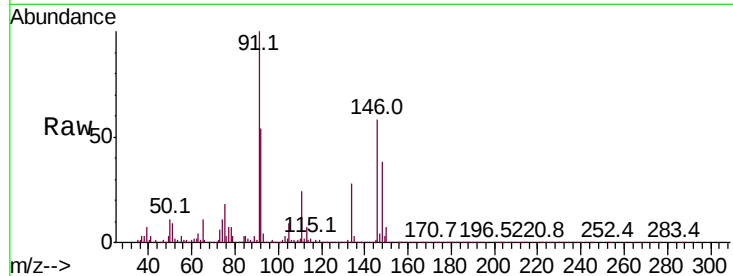




#89
n-Butylbenzene
Concen: 19.262 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

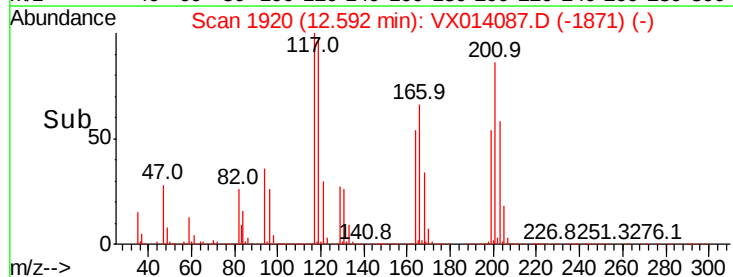
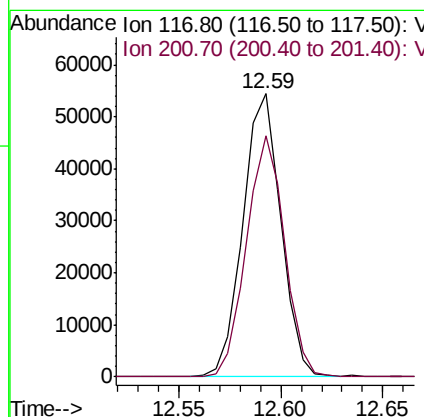
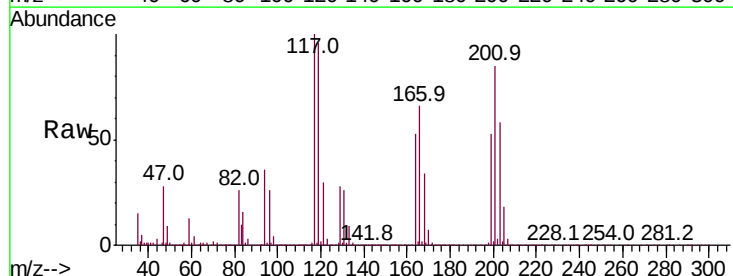
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

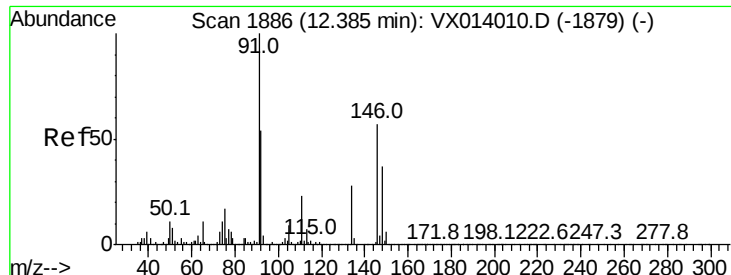
Tot Ion: 91 Resp: 344216
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.6
134 27.4 13.4 40.1



#90
Hexachloroethane
Concen: 18.724 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion: 117 Resp: 70435
Ion Ratio Lower Upper
117 100
201 85.5 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.737 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

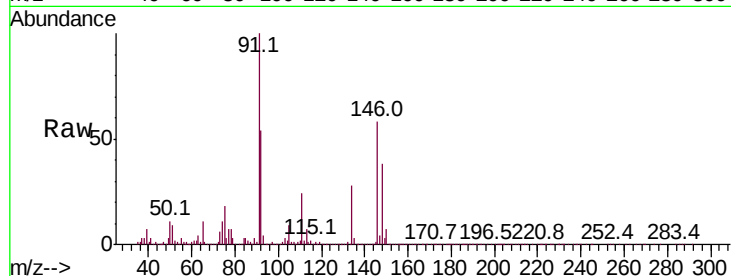
Tot Ion:146 Resp: 215377

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

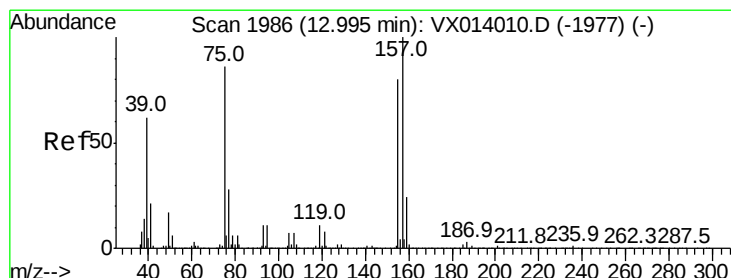
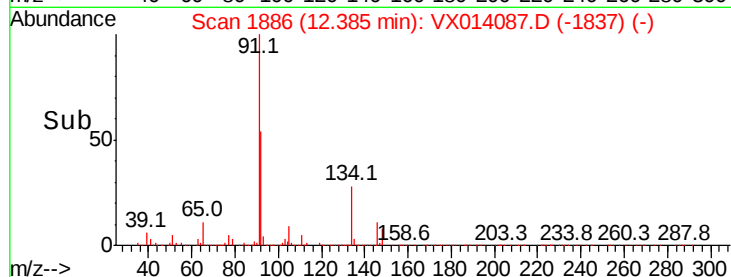
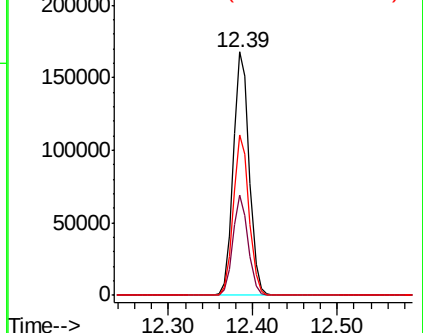
148 64.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.647 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

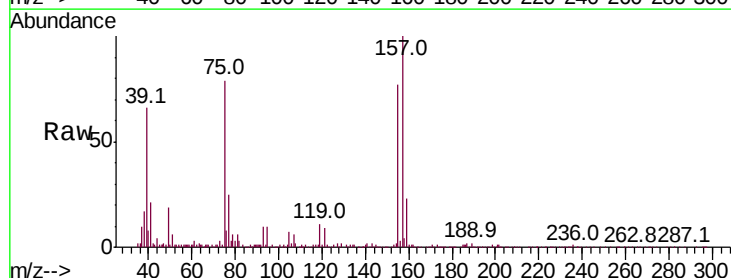
Tgt Ion: 75 Resp: 33876

Ion Ratio Lower Upper

75 100

155 94.9 46.9 140.6

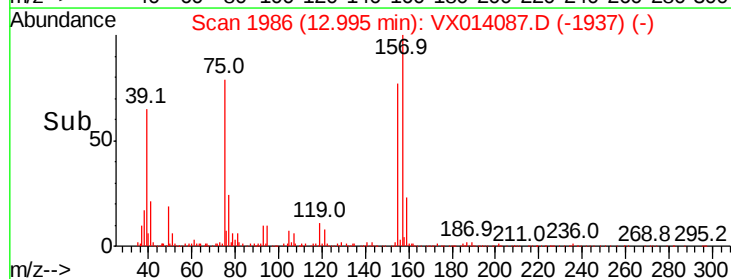
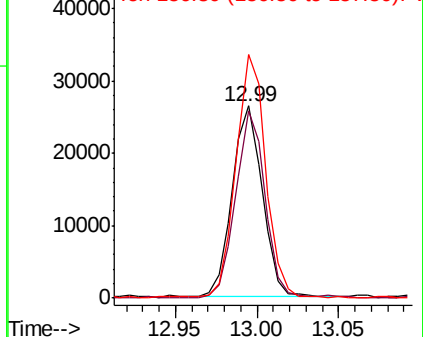
157 127.0 60.8 182.4

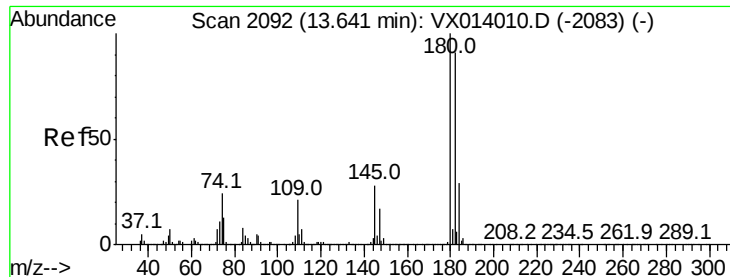


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

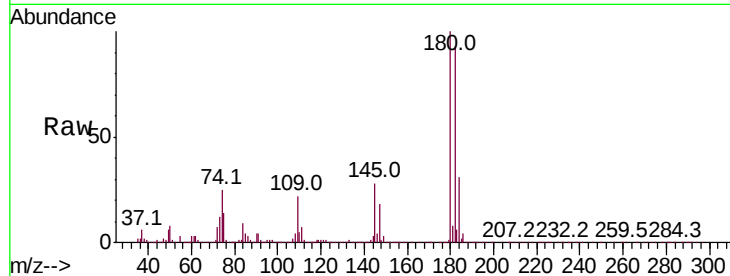




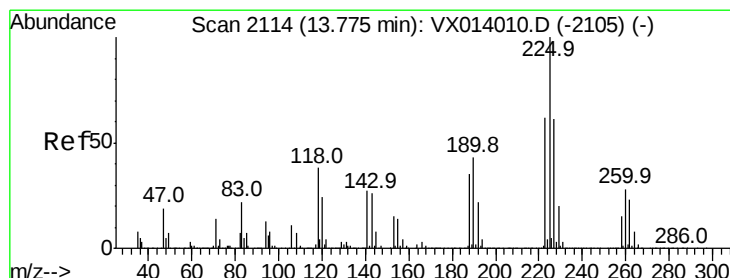
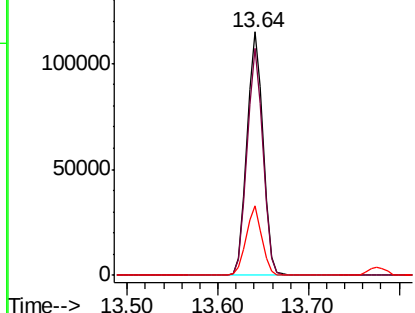
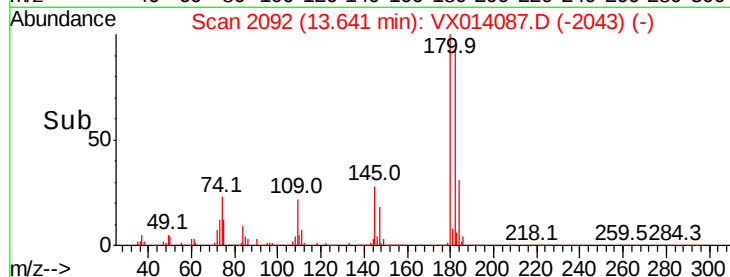
#93
 1,2,4-Trichlorobenzene
 Concen: 18.981 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion:180 Resp: 141805
 Ion Ratio Lower Upper
 180 100
 182 91.5 46.6 139.8
 145 27.9 14.2 42.6

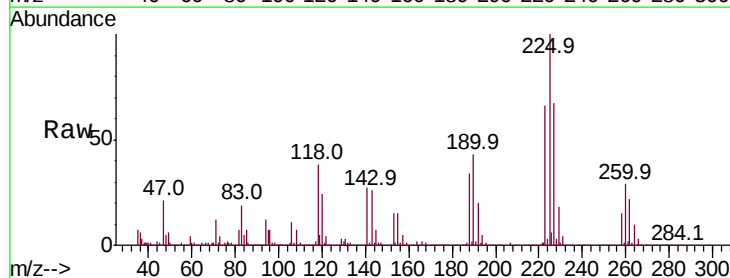


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

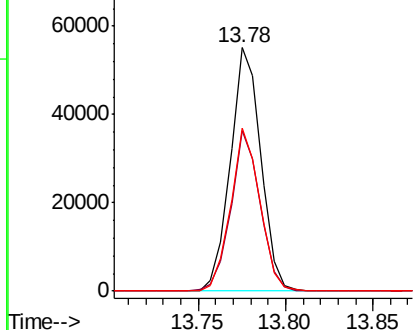
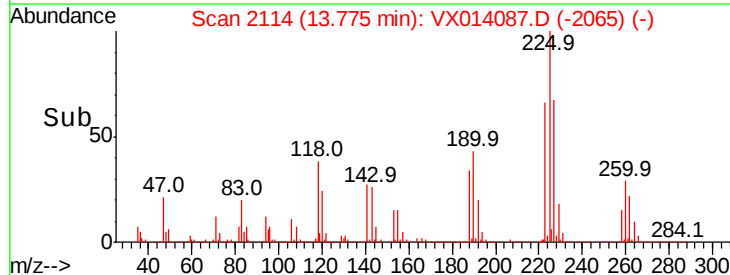


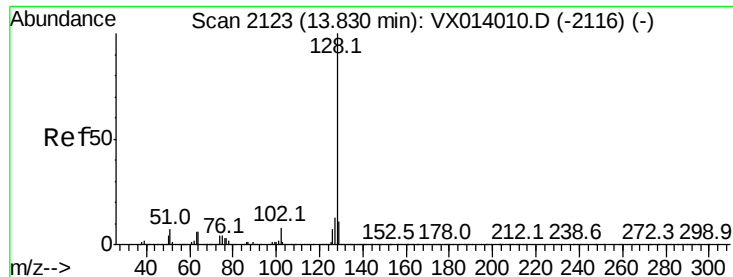
#94
 Hexachlorobutadiene
 Concen: 18.583 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion:225 Resp: 66723
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.9 92.5
 227 63.9 30.9 92.7



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





#95

Naphthalene

Concen: 19.567 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

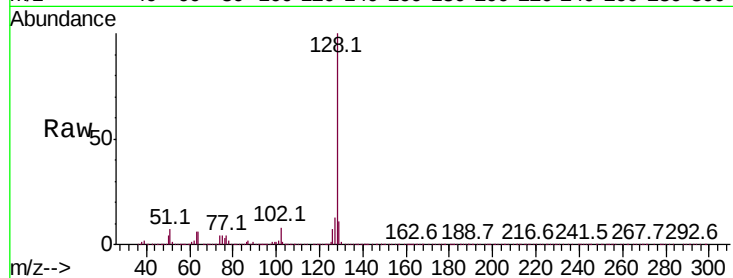
Tot Ion:128 Resp: 429498

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

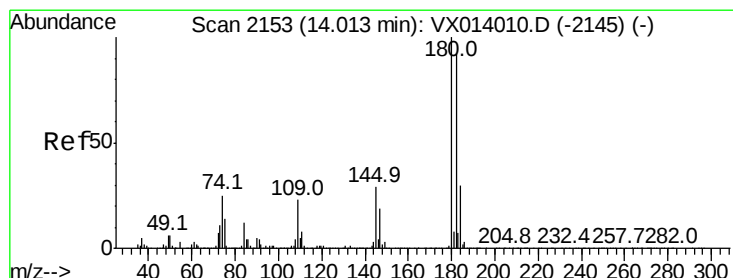
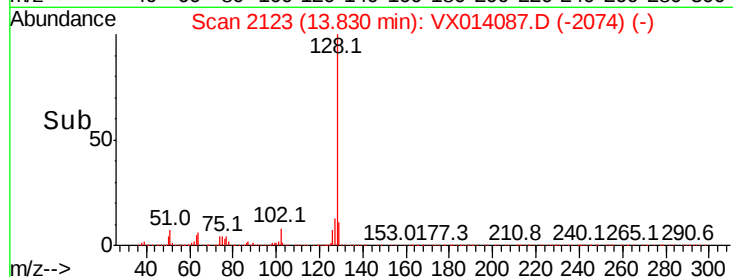
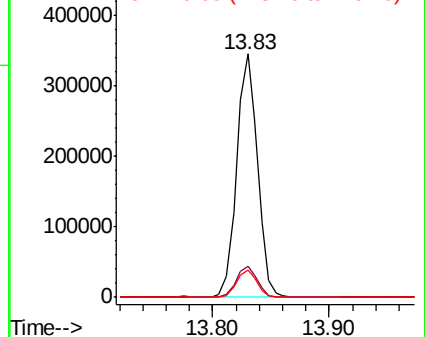
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.409 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

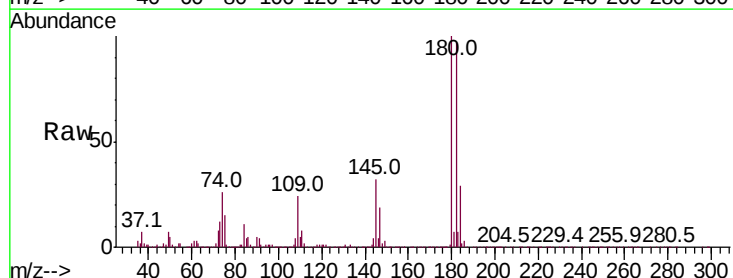
Tgt Ion:180 Resp: 143140

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.3

145 29.7 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

