

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013193.D
 Acq On : 23 Oct 2019 17:45
 Operator : JC/SP
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 24 04:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	95735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	146598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	146066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	94157	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.49	113	74237	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.71	98	272869	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	101057	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33005	17.086	ug/l	95
3) Chloromethane	1.32	50	28867	18.768	ug/l	96
4) Vinyl Chloride	1.40	62	30314	17.437	ug/l	99
5) Bromomethane	1.63	94	18303	19.863	ug/l	99
6) Chloroethane	1.72	64	18125	16.939	ug/l	99
7) Trichlorofluoromethane	1.92	101	49445	18.215	ug/l	94
8) Diethyl Ether	2.18	74	16996	18.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29096	17.126	ug/l	99
10) Methyl Iodide	2.50	142	29589	16.386	ug/l	99
11) Tert butyl alcohol	3.03	59	45413	103.923	ug/l	98
12) 1,1-Dichloroethene	2.36	96	28536	17.498	ug/l	99
13) Acrolein	2.28	56	22391	95.310	ug/l	95
14) Allyl chloride	2.72	41	45236	17.619	ug/l	99
15) Acrylonitrile	3.13	53	81969	92.873	ug/l	100
16) Acetone	2.43	43	87440	92.691	ug/l	100
17) Carbon Disulfide	2.56	76	71869	16.392	ug/l	98
18) Methyl Acetate	2.76	43	40060	20.040	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	102414	17.833	ug/l	99
20) Methylene Chloride	2.84	84	31894	18.264	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	31283	18.736	ug/l	91
22) Diisopropyl ether	3.84	45	90979	18.123	ug/l	94
23) Vinyl Acetate	3.80	43	393461	92.212	ug/l	100
24) 1,1-Dichloroethane	3.69	63	53788	17.419	ug/l	97
25) 2-Butanone	4.66	43	119202	94.222	ug/l	96
26) 2,2-Dichloropropane	4.57	77	48864	17.123	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34591	17.319	ug/l	99
28) Bromochloromethane	5.01	49	15176	19.060	ug/l	99
29) Tetrahydrofuran	5.11	42	72512	95.089	ug/l	98
30) Chloroform	5.20	83	57846	17.595	ug/l	99
31) Cyclohexane	5.58	56	45812	17.691	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	52064	17.811	ug/l	98
36) 1,1-Dichloropropene	5.79	75	41953	17.045	ug/l	98
37) Ethyl Acetate	4.82	43	42962	17.586	ug/l	99
38) Carbon Tetrachloride	5.78	117	43921	16.209	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 24 04:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49333	15.719	ug/l	99
40) Benzene	6.13	78	123590	16.784	ug/l	99
41) Methacrylonitrile	5.03	41	23924	18.266	ug/l	97
42) 1,2-Dichloroethane	6.18	62	46922	16.901	ug/l	99
43) Isopropyl Acetate	6.43	43	71003	17.505	ug/l	100
44) Trichloroethene	7.21	130	34589	16.551	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31370	17.009	ug/l	95
46) Dibromomethane	7.65	93	21895	16.478	ug/l	100
47) Bromodichloromethane	7.89	83	43324	16.731	ug/l	99
48) Methyl methacrylate	7.76	41	34257	17.088	ug/l	98
49) 1,4-Dioxane	7.73	88	18995	372.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	219575	88.814	ug/l	99
52) Toluene	8.78	92	81517	16.705	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47067	17.104	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	51227	17.018	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33385	17.304	ug/l	95
56) Ethyl methacrylate	9.17	69	50050	17.236	ug/l	98
57) 1,3-Dichloropropane	9.37	76	55425	17.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	103599	91.435	ug/l	100
59) 2-Hexanone	9.48	43	171370	89.987	ug/l	99
60) Dibromochloromethane	9.57	129	33606	16.623	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34576	16.881	ug/l	99
64) Tetrachloroethene	9.33	164	34052	17.647	ug/l	96
65) Chlorobenzene	10.14	112	85570	16.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31602	16.731	ug/l	99
67) Ethyl Benzene	10.25	91	153241	16.741	ug/l	100
68) m/p-Xylenes	10.35	106	115585	33.412	ug/l	99
69) o-Xylene	10.70	106	56311	16.969	ug/l	97
70) Styrene	10.71	104	94884	16.605	ug/l	98
71) Bromoform	10.85	173	23175	16.792	ug/l #	100
73) Isopropylbenzene	11.01	105	149545	16.931	ug/l	99
74) N-amyl acetate	10.89	43	55356	17.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	46006	17.154	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	53264	22.721	ug/l	91
77) Bromobenzene	11.25	156	35551	16.794	ug/l	99
78) n-propylbenzene	11.35	91	163281	17.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	98055	16.176	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	130433	17.767	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14848	17.405	ug/l	97
82) 4-Chlorotoluene	11.51	91	121463	17.684	ug/l	97
83) tert-Butylbenzene	11.76	119	123421	16.992	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	129234	17.452	ug/l	98
85) sec-Butylbenzene	11.94	105	133331	16.131	ug/l	100
86) p-Isopropyltoluene	12.06	119	130868	16.853	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64601	16.892	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	64526	16.572	ug/l	100
89) n-Butylbenzene	12.38	91	106327	16.738	ug/l	97
90) Hexachloroethane	12.59	117	22500	17.302	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	64413	17.128	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11529	17.287	ug/l	98

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Instrument :
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ClientSampleId :
VX1024WBS01

Quant Time: Oct 24 04:00:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

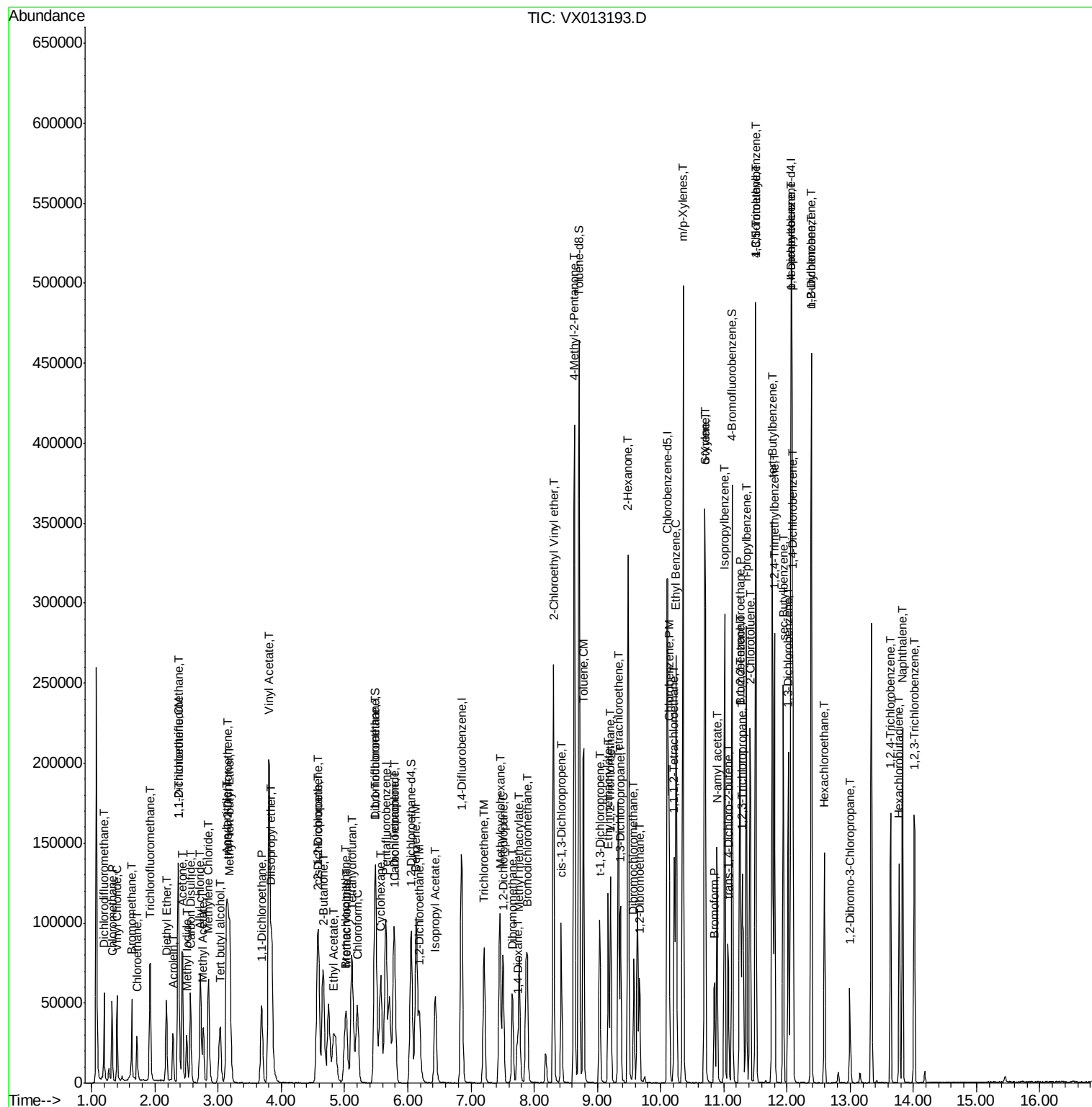
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	36913	15.588	ug/l	94
94) Hexachlorobutadiene	13.78	225	19550	15.960	ug/l	96
95) Naphthalene	13.83	128	130186	17.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	40598	17.350	ug/l	96

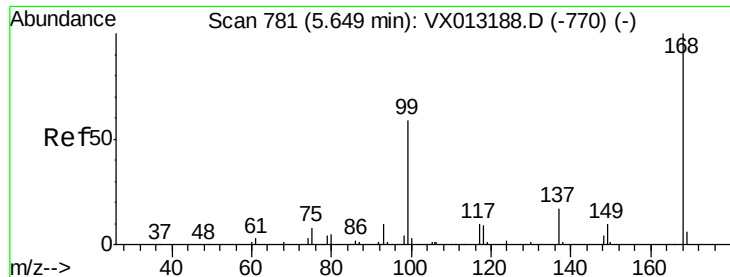
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013193.D
 Acq On : 23 Oct 2019 17:45
 Operator : JC/SP
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

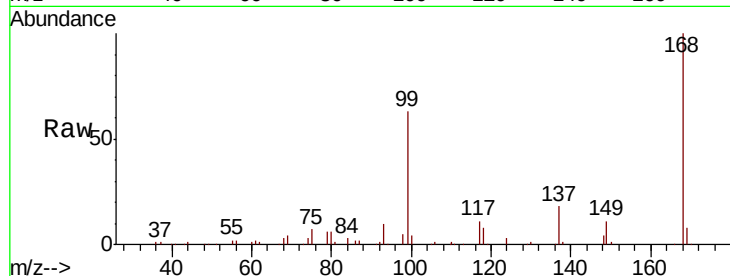
VX1024WBS01

Tot Ion:168 Resp: 95735

Ion Ratio Lower Upper

168 100

99 62.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

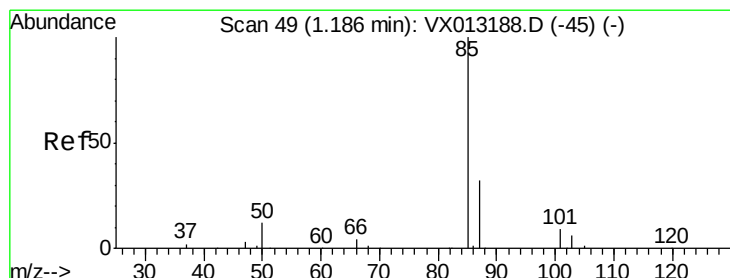
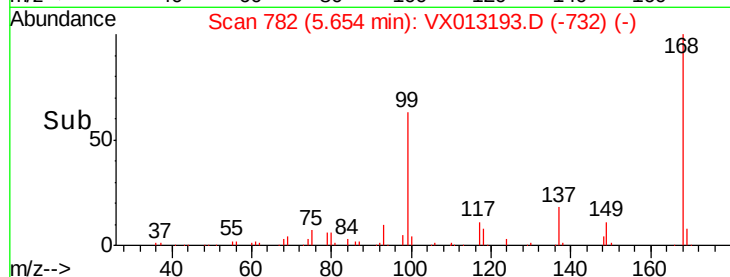
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.086 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013193.D

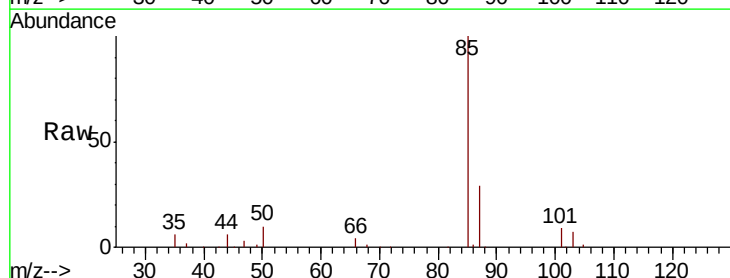
Acq: 23 Oct 2019 17:45

Tgt Ion: 85 Resp: 33005

Ion Ratio Lower Upper

85 100

87 29.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

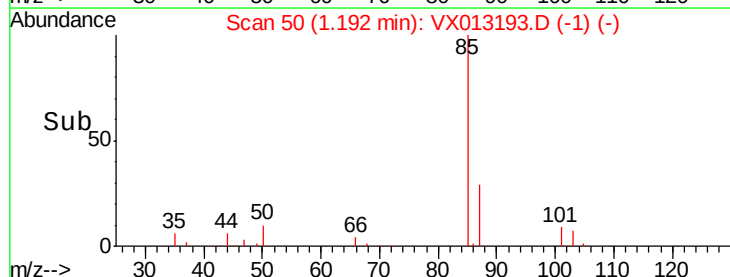
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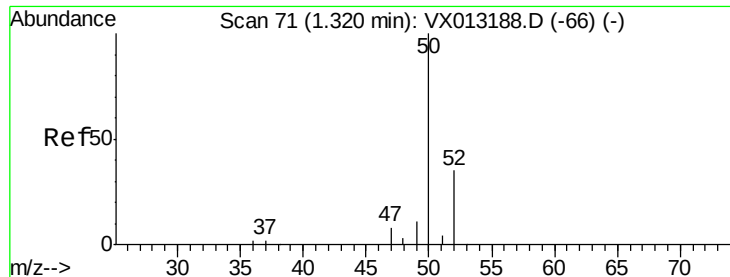
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.768 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

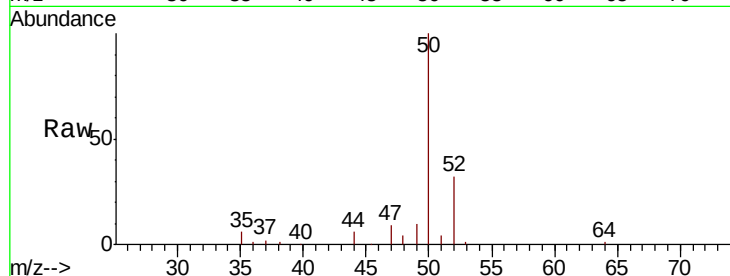
VX1024WBS01

Tot Ion: 50 Resp: 28867

Ion Ratio Lower Upper

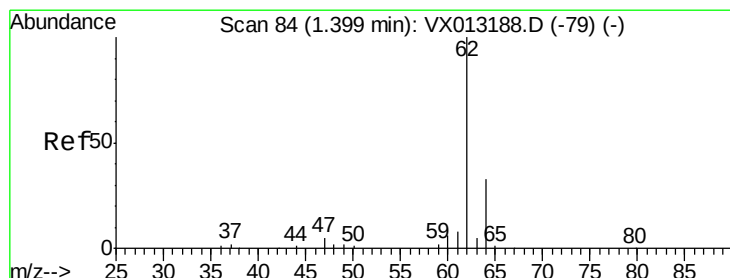
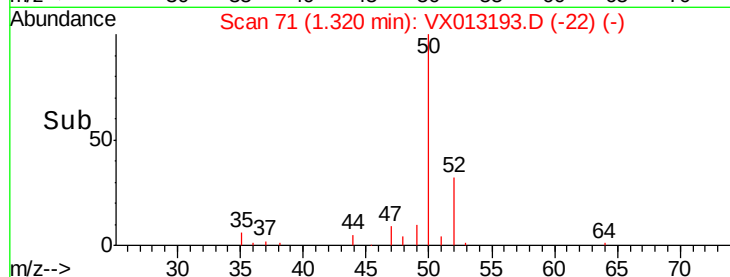
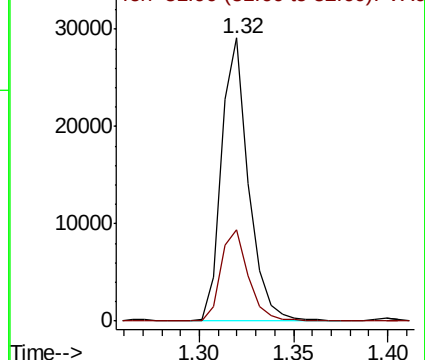
50 100

52 32.2 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.437 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013193.D

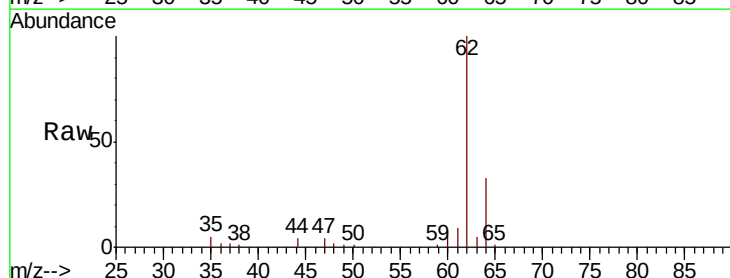
Acq: 23 Oct 2019 17:45

Tgt Ion: 62 Resp: 30314

Ion Ratio Lower Upper

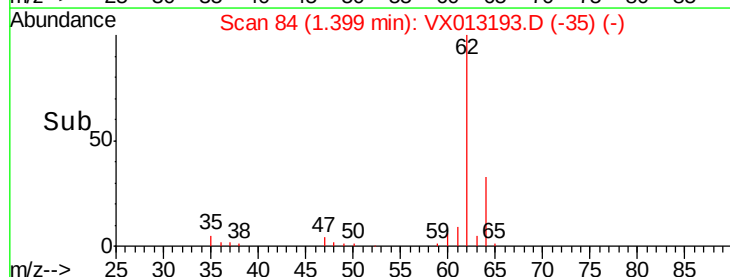
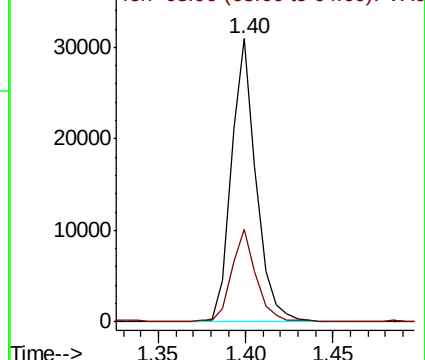
62 100

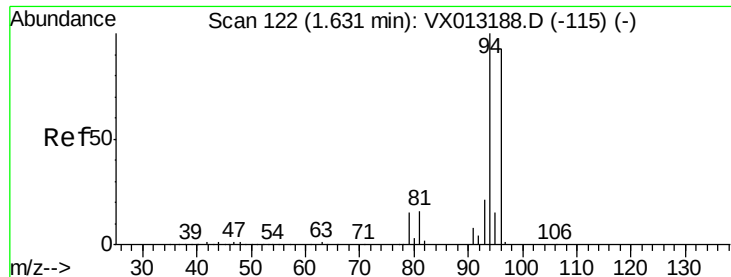
64 32.5 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.863 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

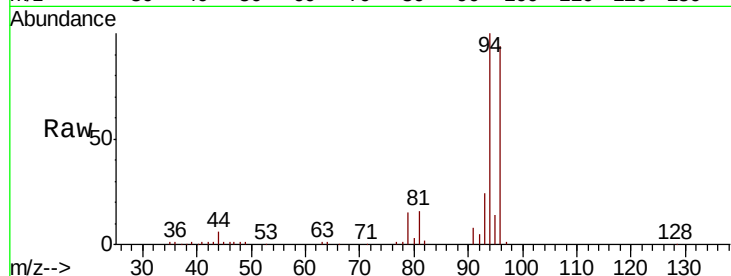
VX1024WBS01

Tot Ion: 94 Resp: 18303

Ion Ratio Lower Upper

94 100

96 93.6 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

15000

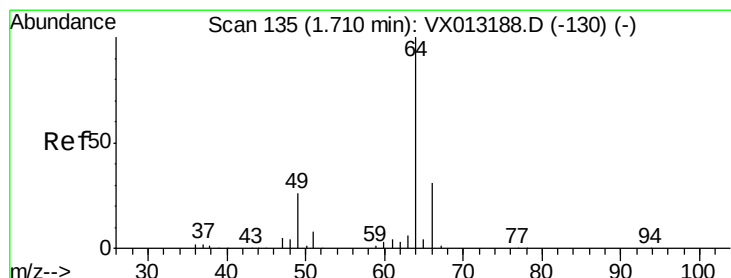
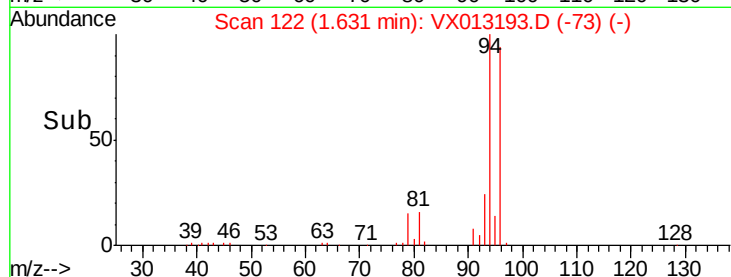
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5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 16.939 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013193.D

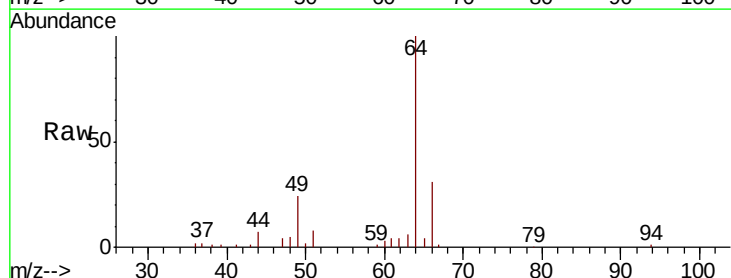
Acq: 23 Oct 2019 17:45

Tgt Ion: 64 Resp: 18125

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

15000

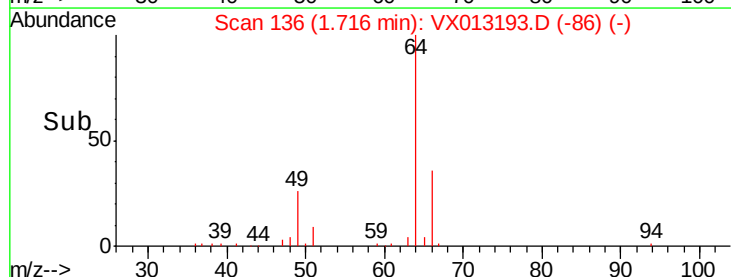
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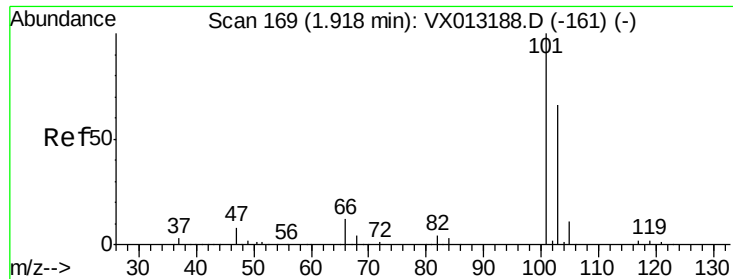
5000

0

Time-->

1.65 1.70 1.75 1.80



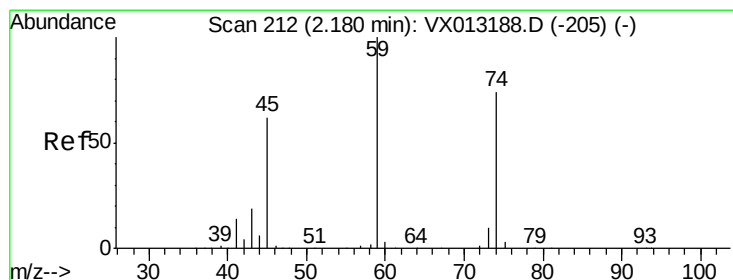
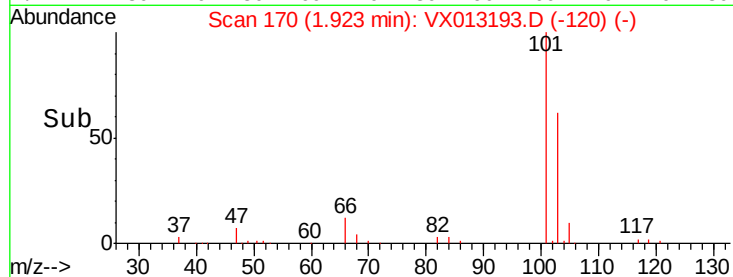
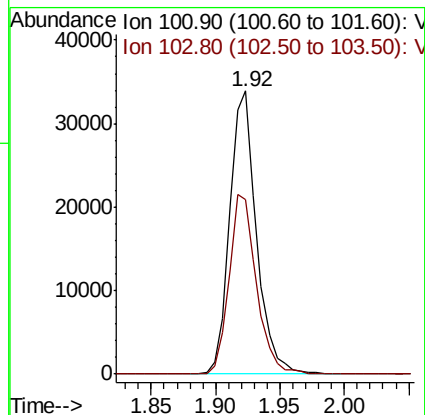
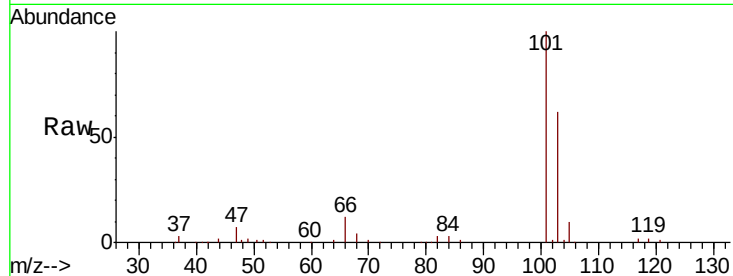


#7

Trichlorofluoromethane
 Concen: 18.215 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

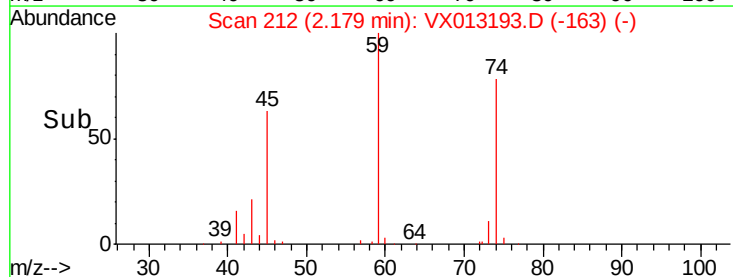
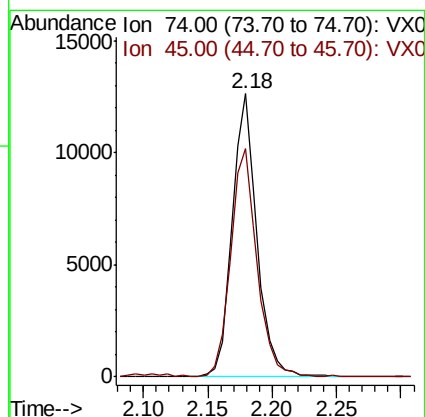
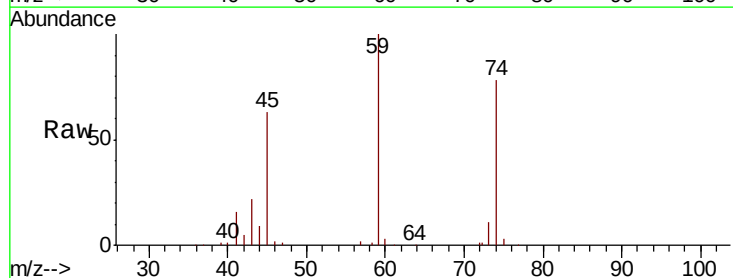
Tot Ion:101 Resp: 49445
 Ion Ratio Lower Upper
 101 100
 103 61.6 53.0 79.6

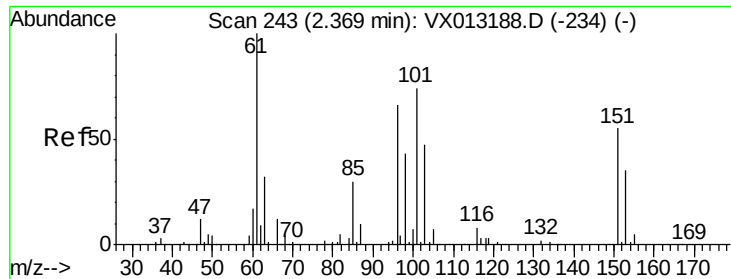


#8

Diethyl Ether
 Concen: 18.064 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 74 Resp: 16996
 Ion Ratio Lower Upper
 74 100
 45 85.5 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.126 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

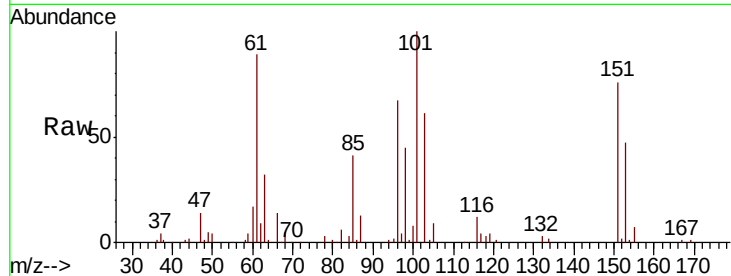
Tot Ion:101 Resp: 29096

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

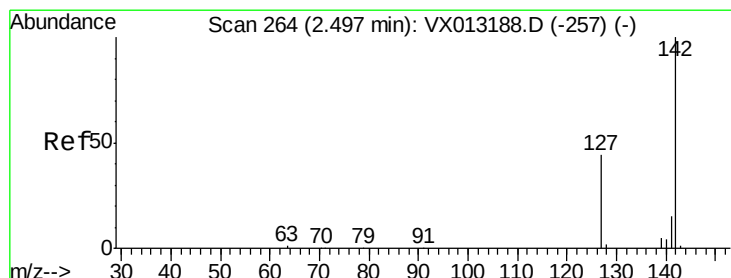
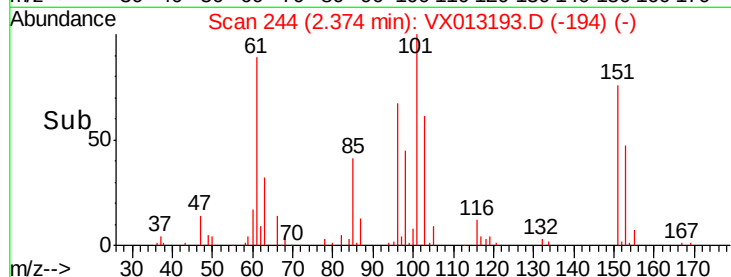
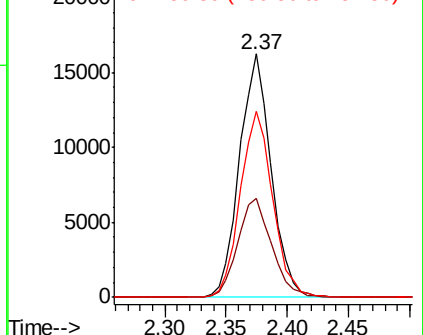
151 78.4 62.0 93.0



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: 16.386 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

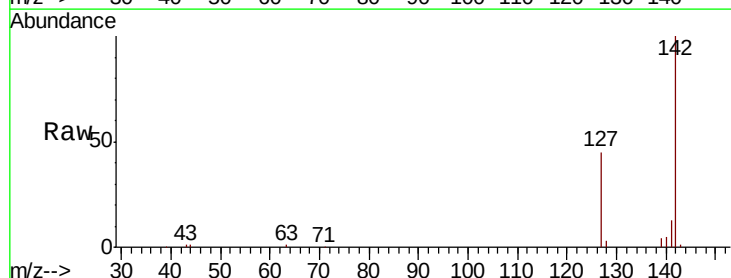
Tgt Ion:142 Resp: 29589

Ion Ratio Lower Upper

142 100

127 44.0 35.6 53.4

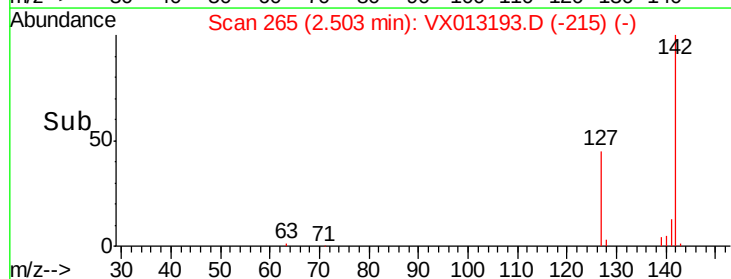
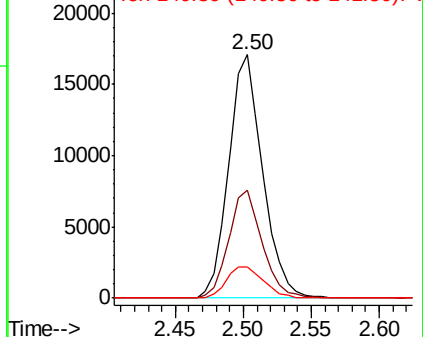
141 14.0 11.6 17.4

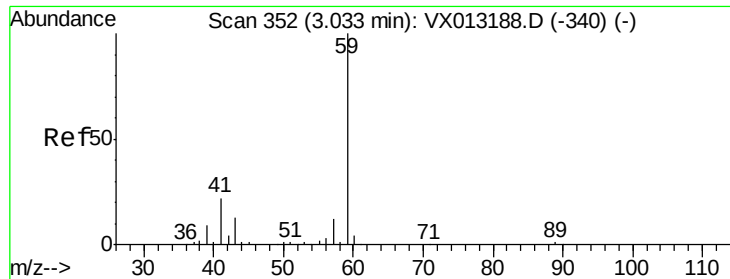


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

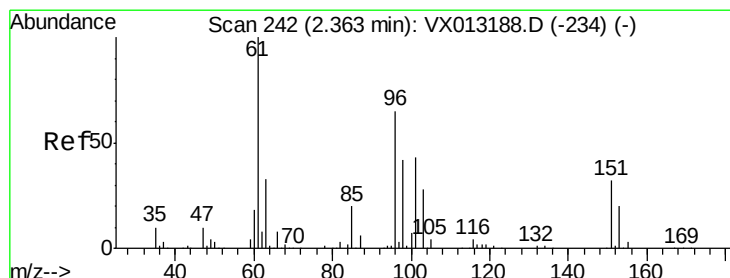
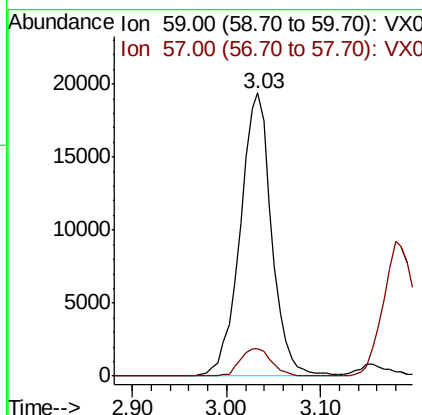
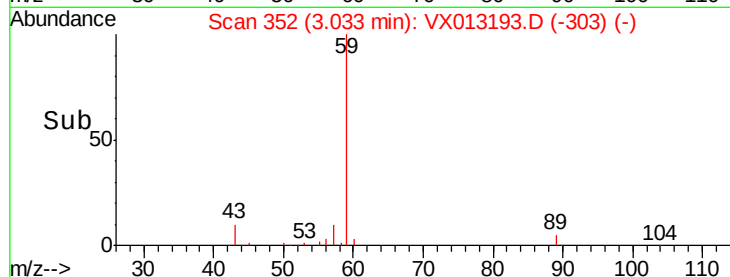
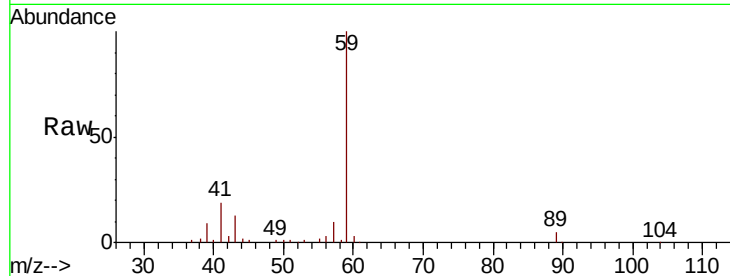




#11
Tert butyl alcohol
Concen: 103.923 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

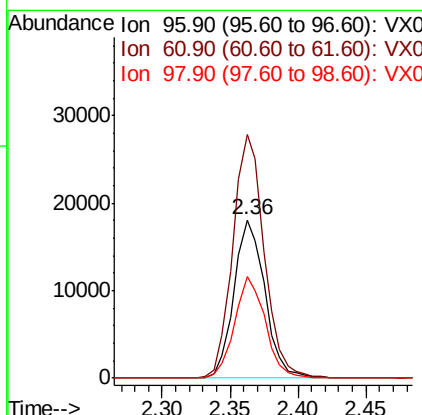
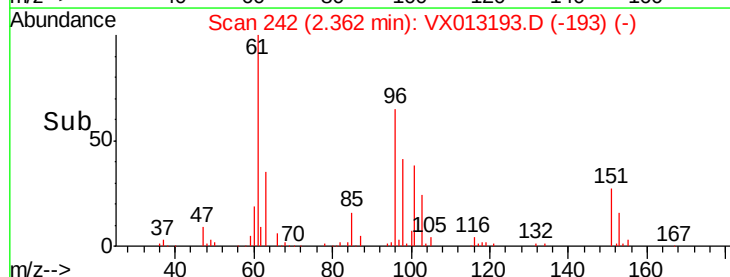
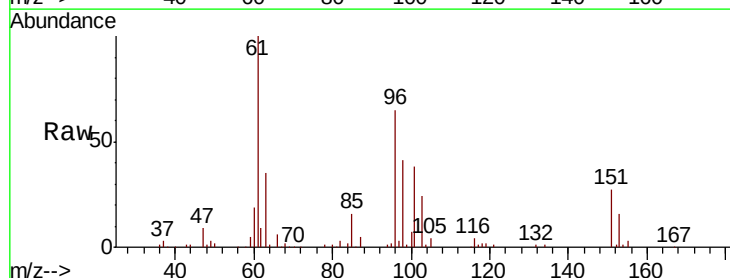
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

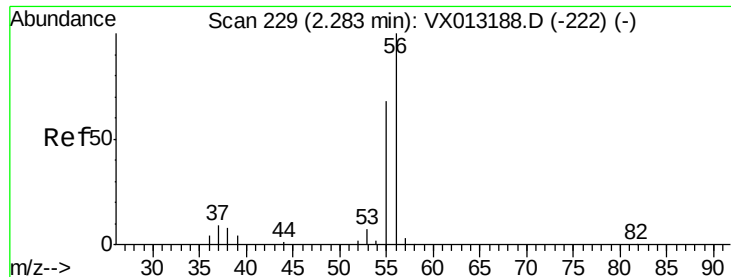
Tot Ion: 59 Resp: 45413
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.498 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 96 Resp: 28536
Ion Ratio Lower Upper
96 100
61 154.2 123.8 185.8
98 64.0 51.6 77.4





#13

Acrolein

Concen: 95.310 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

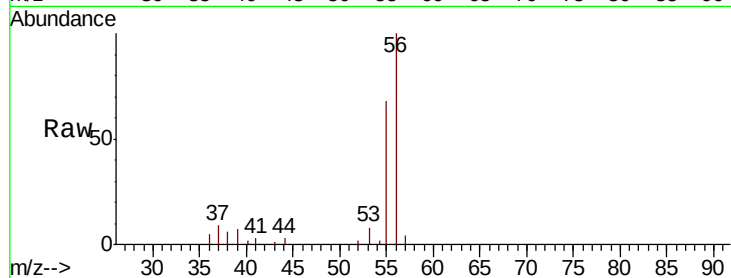
VX1024WBS01

Tot Ion: 56 Resp: 22391

Ion Ratio Lower Upper

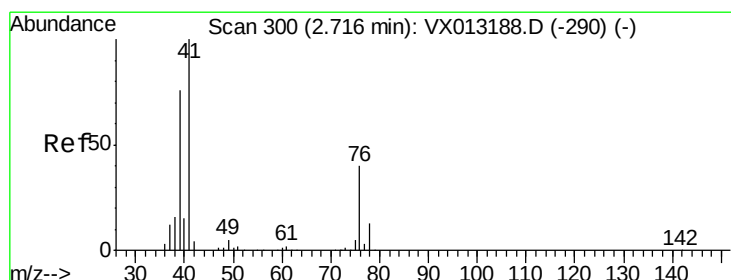
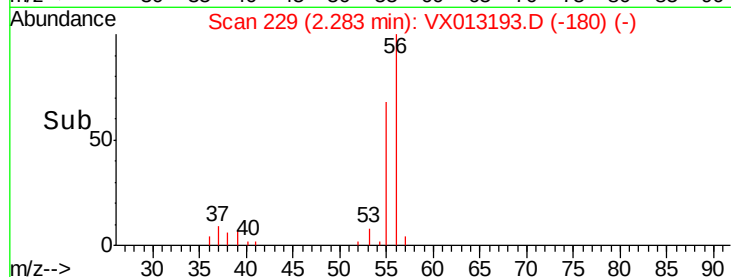
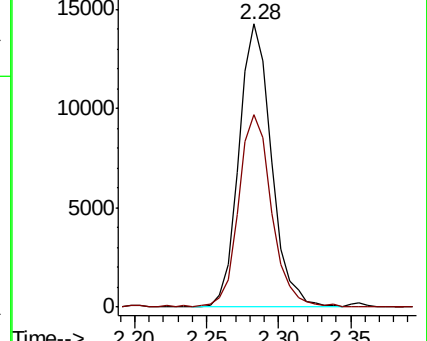
56 100

55 69.5 58.9 88.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.619 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

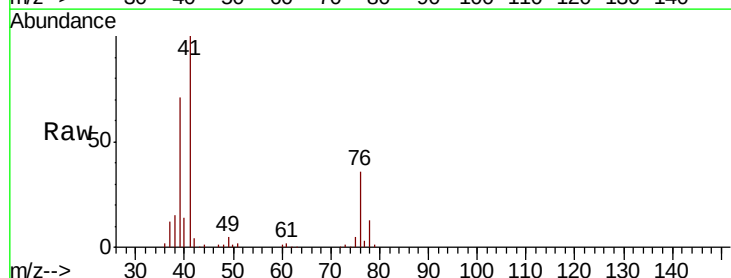
Tgt Ion: 41 Resp: 45236

Ion Ratio Lower Upper

41 100

39 67.5 54.6 81.8

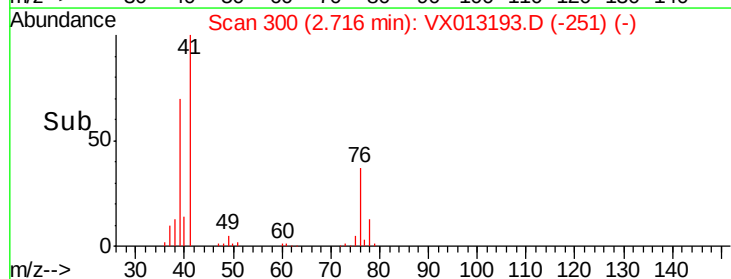
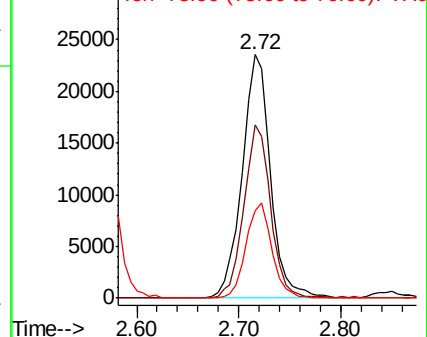
76 35.7 29.8 44.6

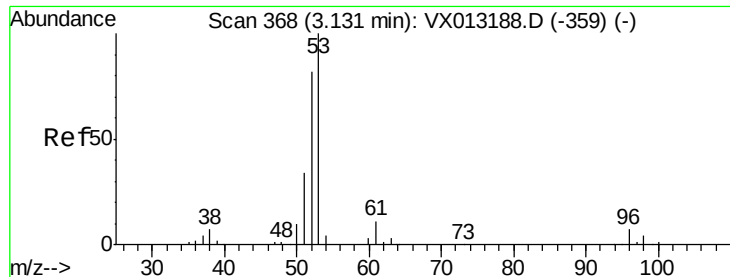


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.873 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

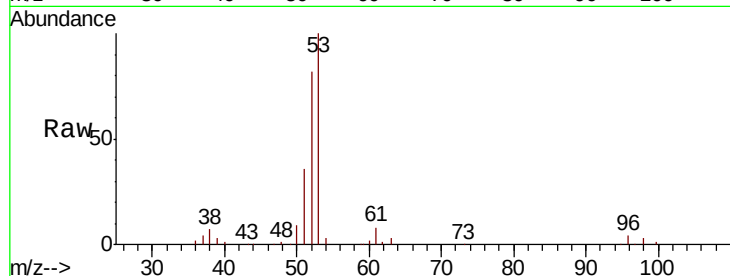
Tot Ion: 53 Resp: 81969

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

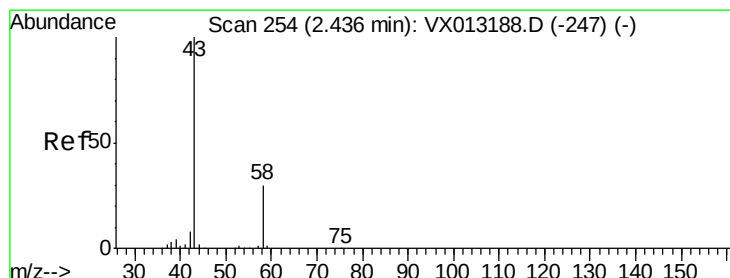
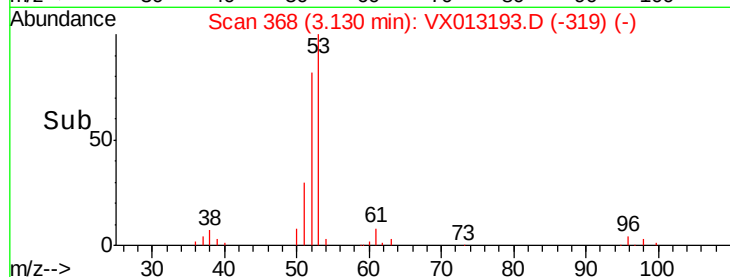
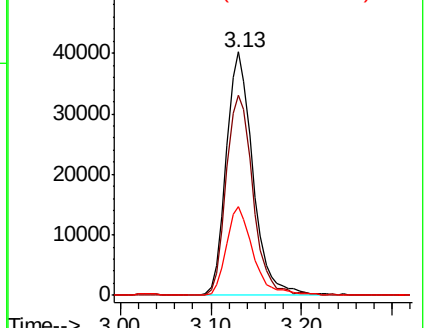
51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.691 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013193.D

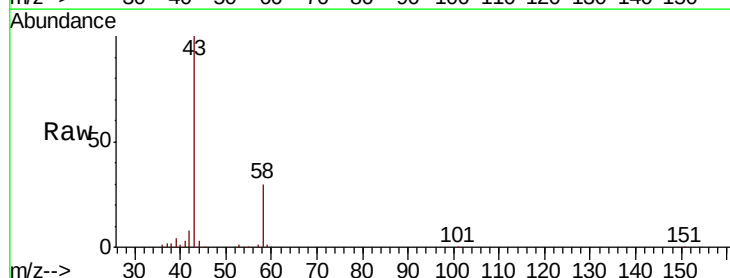
Acq: 23 Oct 2019 17:45

Tgt Ion: 43 Resp: 87440

Ion Ratio Lower Upper

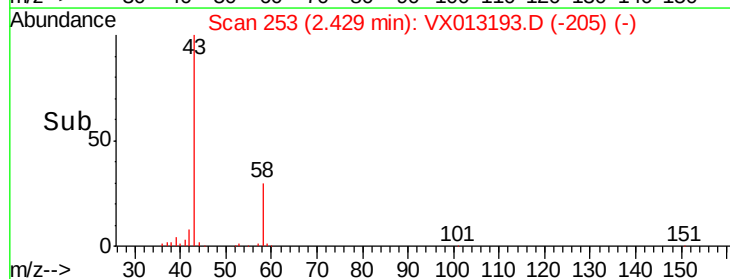
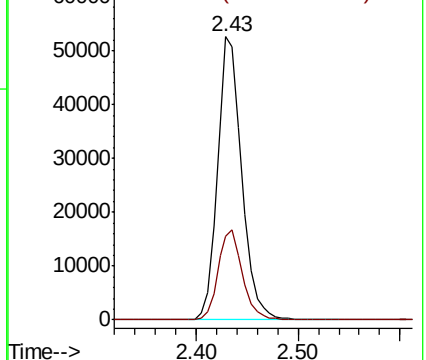
43 100

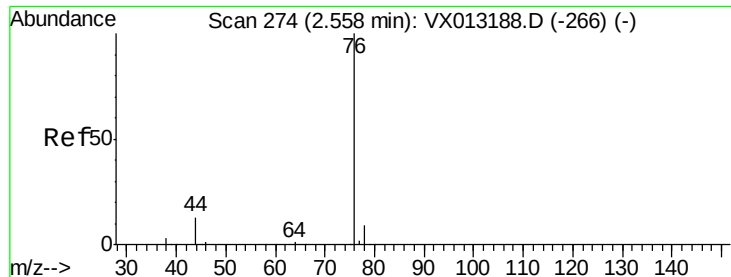
58 29.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

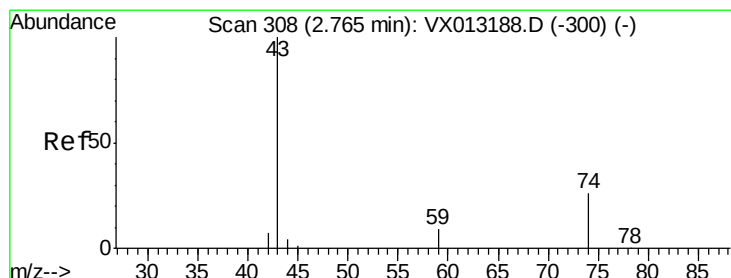
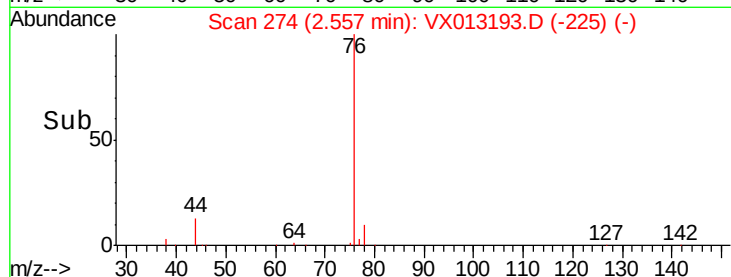
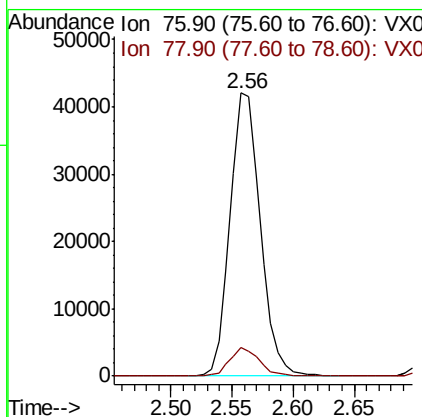
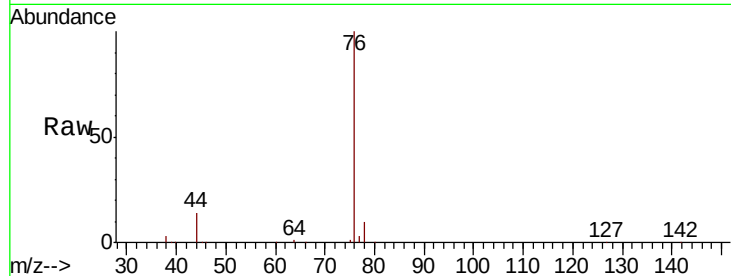




#17
Carbon Disulfide
Concen: 16.392 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

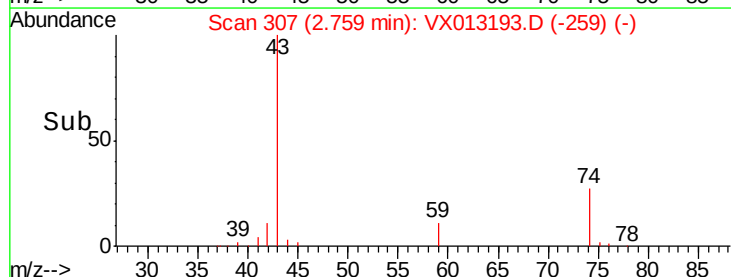
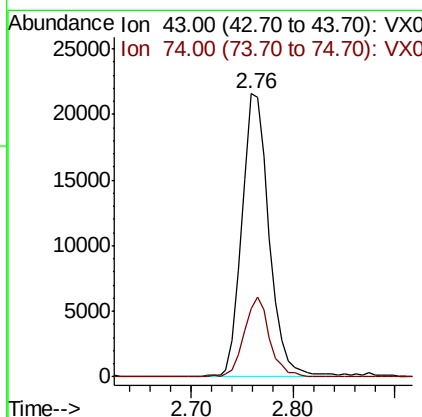
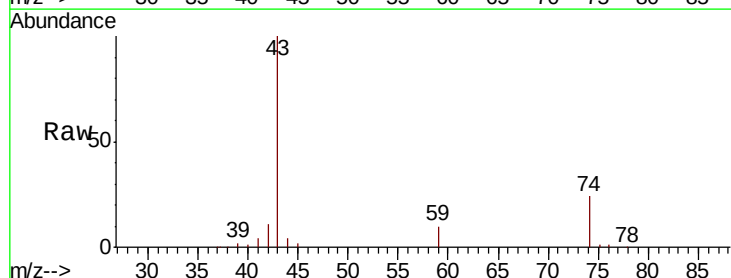
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

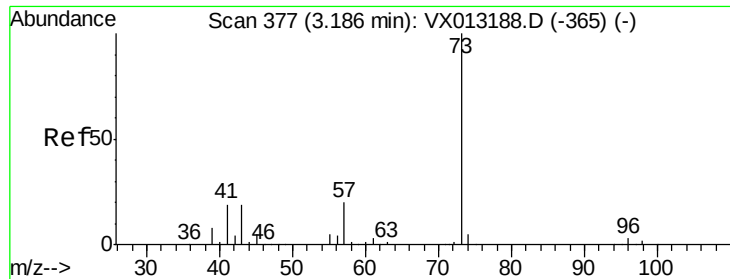
Tot Ion: 76 Resp: 71869
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#18
Methyl Acetate
Concen: 20.040 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 43 Resp: 40060
Ion Ratio Lower Upper
43 100
74 26.4 20.9 31.3

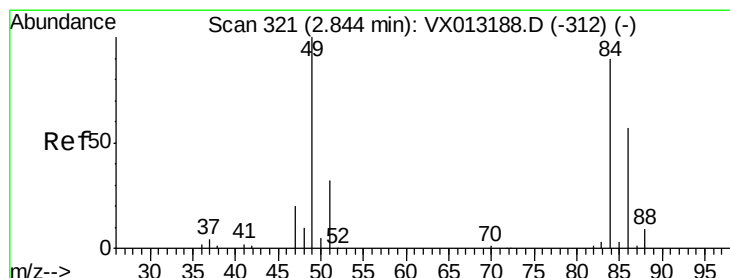
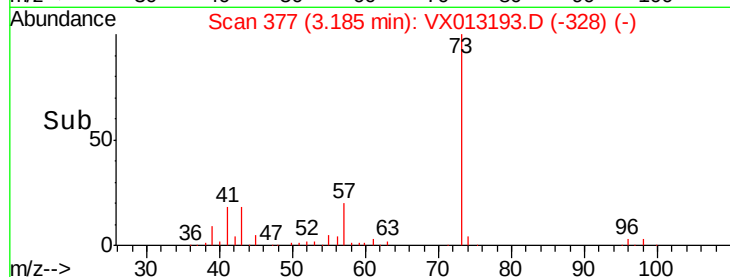
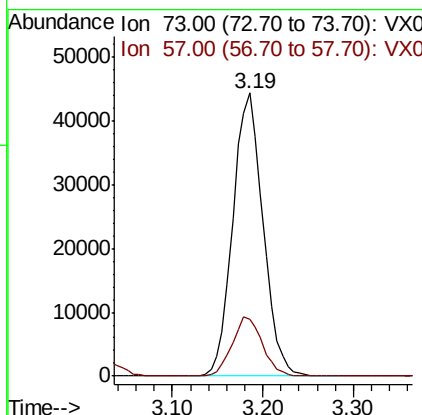
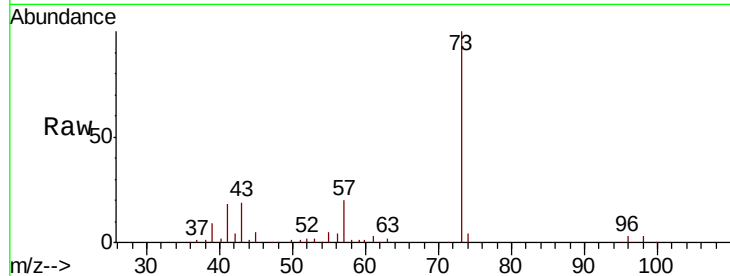




#19
Methyl tert-butyl Ether
Concen: 17.833 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

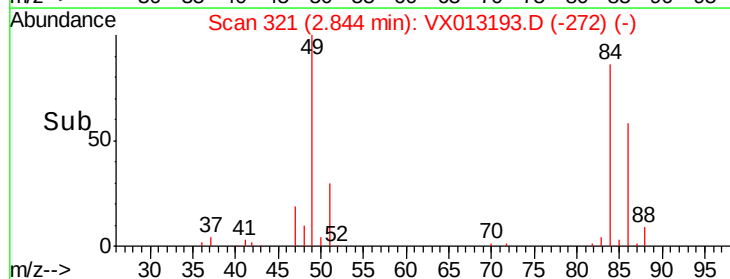
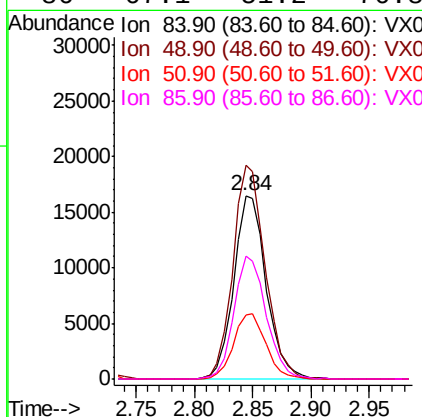
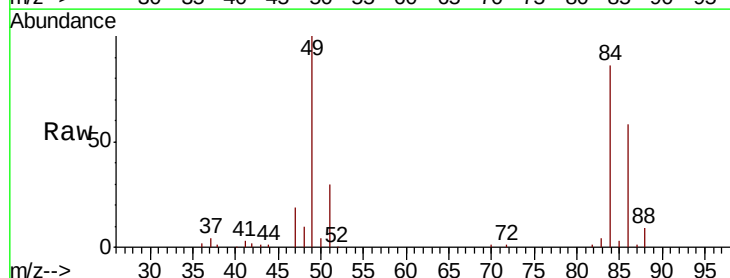
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

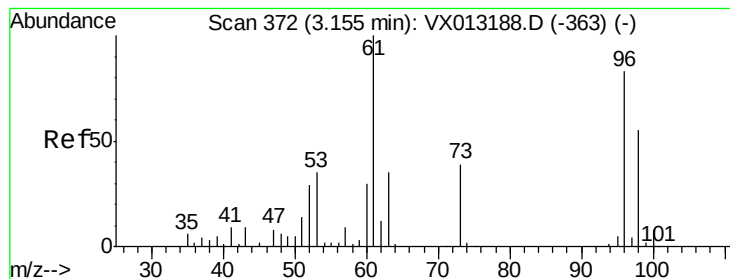
Tot Ion: 73 Resp: 102414
Ion Ratio Lower Upper
73 100
57 20.1 15.8 23.8



#20
Methylene Chloride
Concen: 18.264 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 84 Resp: 31894
Ion Ratio Lower Upper
84 100
49 116.6 89.2 133.8
51 35.0 28.8 43.2
86 67.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.736 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

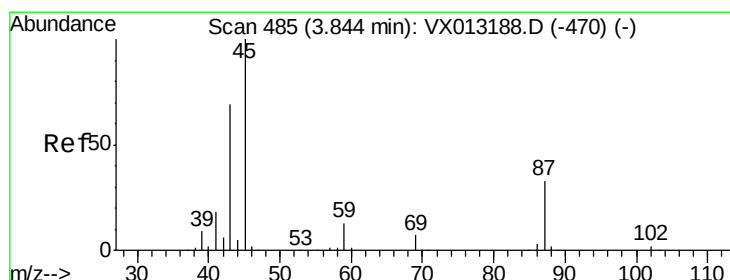
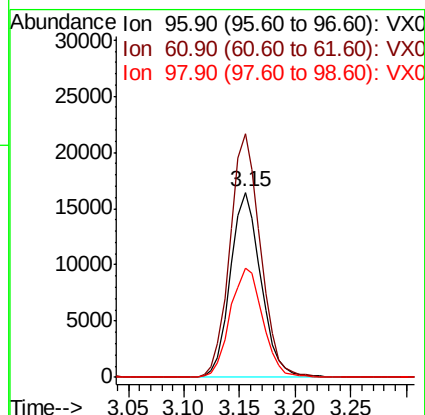
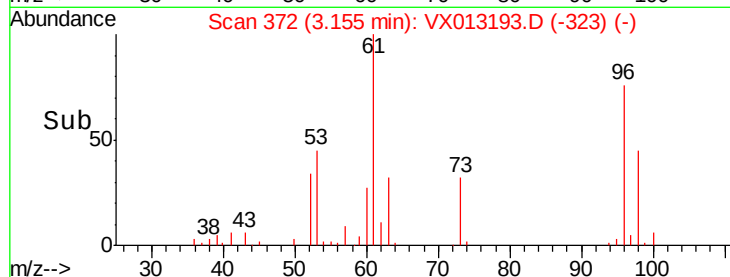
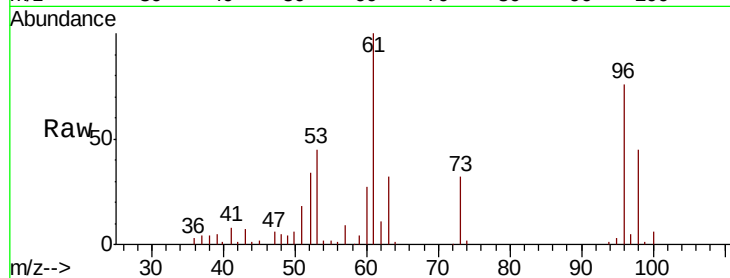
Tot Ion: 96 Resp: 31283

Ion Ratio Lower Upper

96 100

61 131.6 96.9 145.3

98 58.8 53.0 79.4



#22

Diisopropyl ether

Concen: 18.123 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Tgt Ion: 45 Resp: 90979

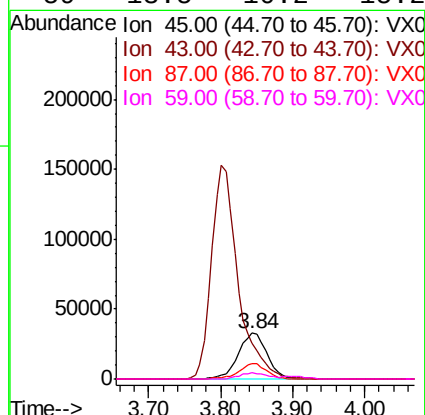
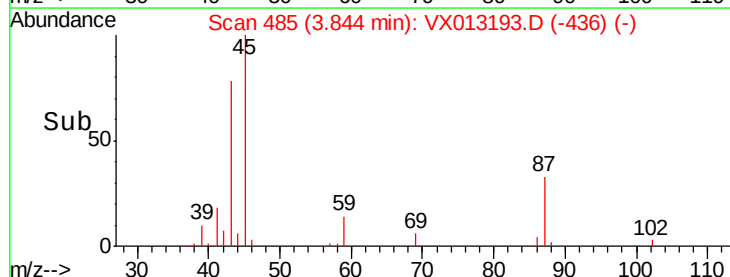
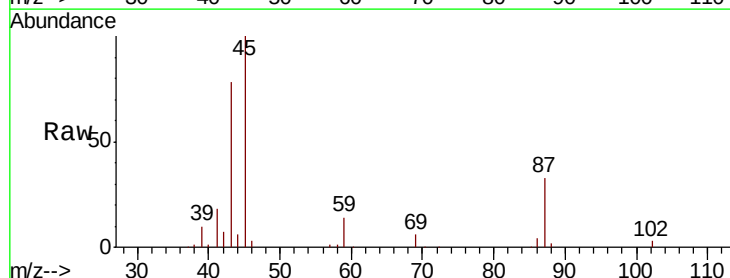
Ion Ratio Lower Upper

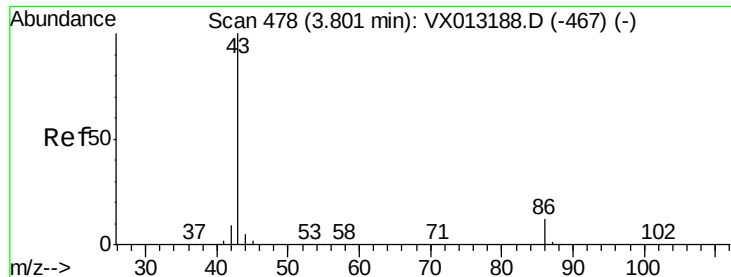
45 100

43 77.1 55.5 83.3

87 33.1 26.7 40.1

59 13.5 10.2 15.2





#23

Vinyl Acetate

Concen: 92.212 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

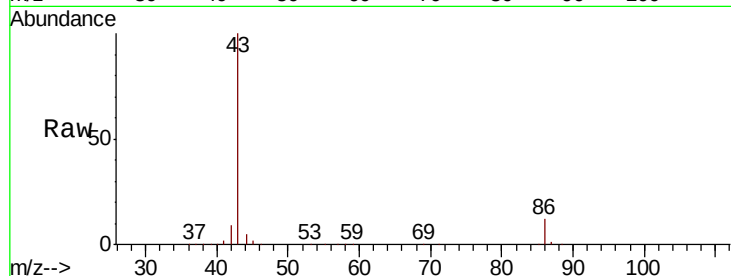
VX1024WBS01

Tot Ion: 43 Resp: 393461

Ion Ratio Lower Upper

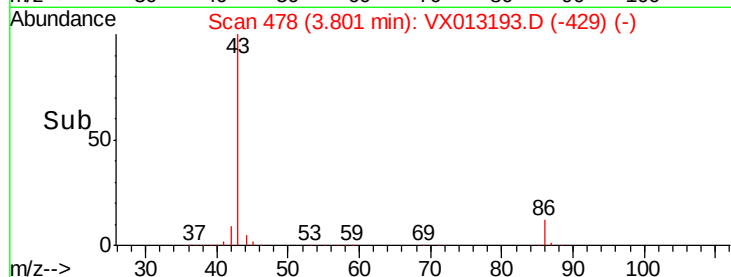
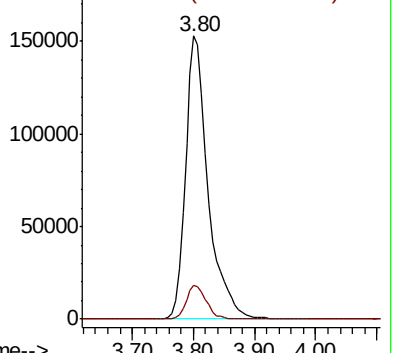
43 100

86 12.1 9.7 14.5

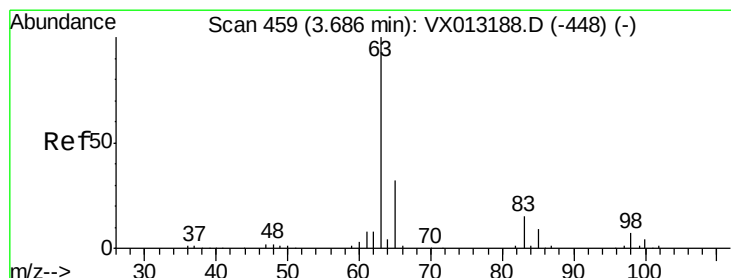


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 17.419 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

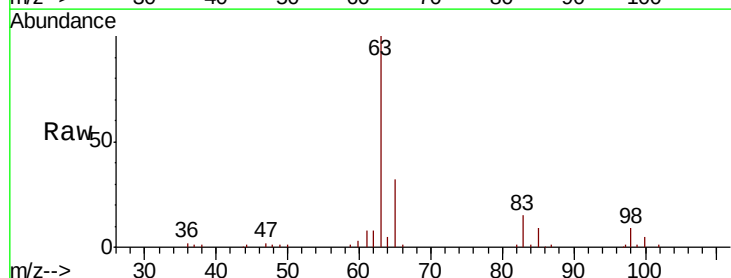
Tgt Ion: 63 Resp: 53788

Ion Ratio Lower Upper

63 100

98 8.6 3.8 11.2

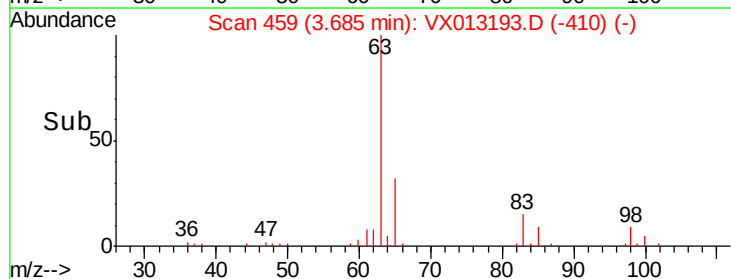
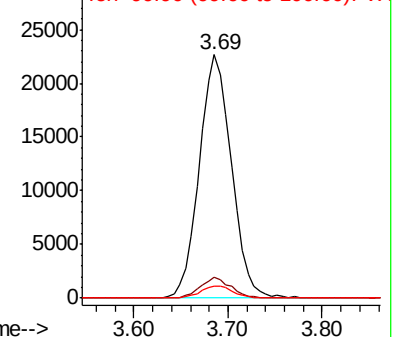
100 5.0 2.2 6.6



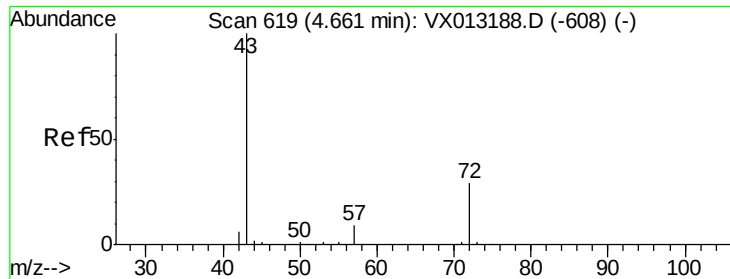
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 94.222 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

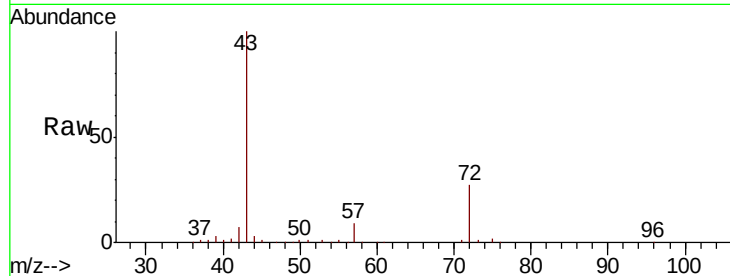
VX1024WBS01

Tot Ion: 43 Resp: 119202

Ion Ratio Lower Upper

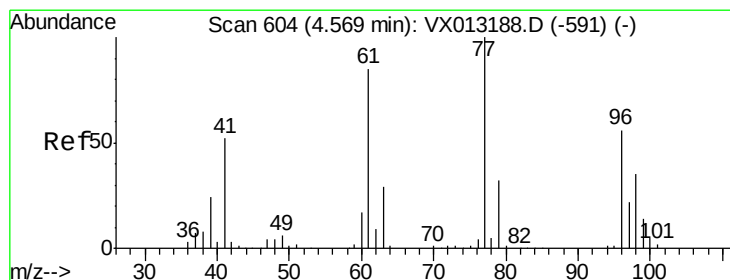
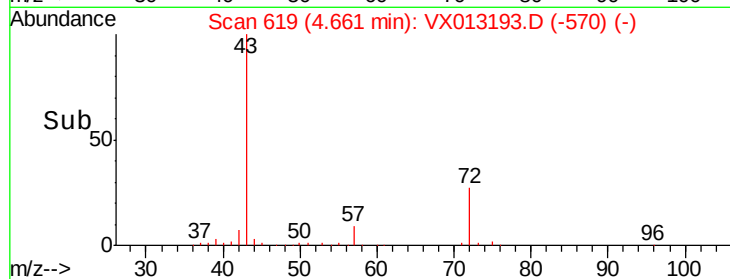
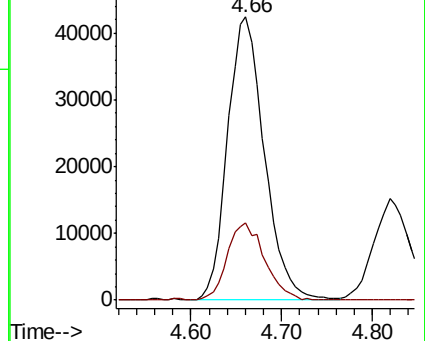
43 100

72 27.2 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.123 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013193.D

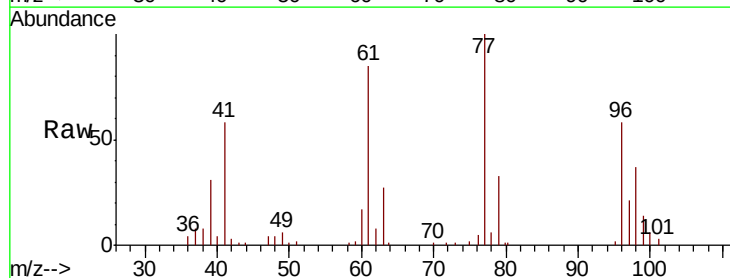
Acq: 23 Oct 2019 17:45

Tgt Ion: 77 Resp: 48864

Ion Ratio Lower Upper

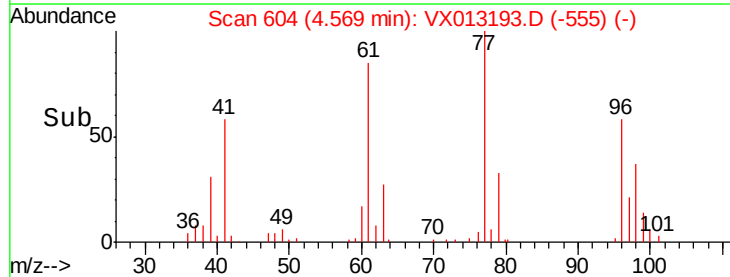
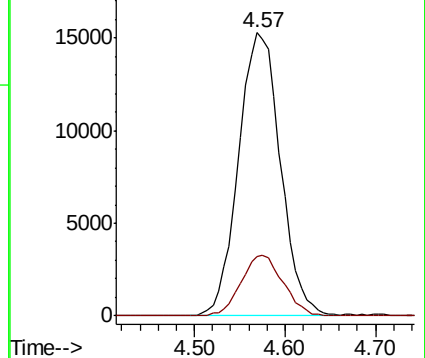
77 100

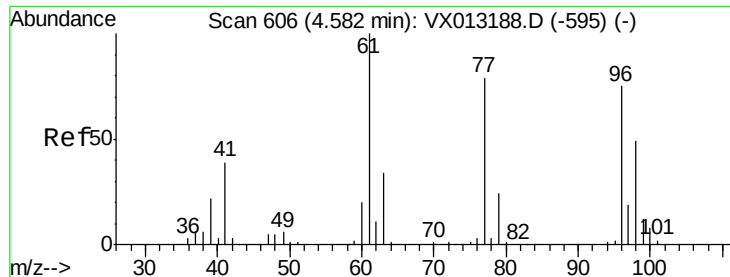
97 21.3 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



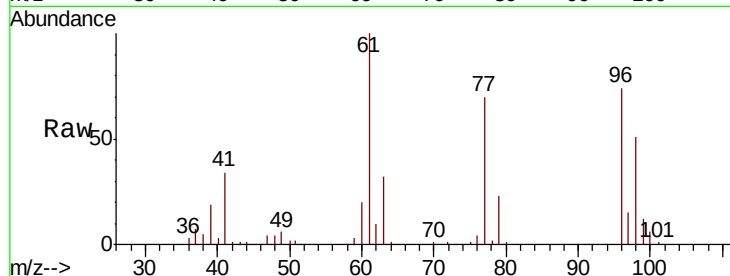


#27

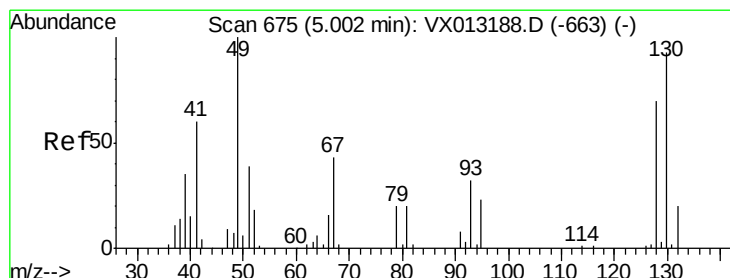
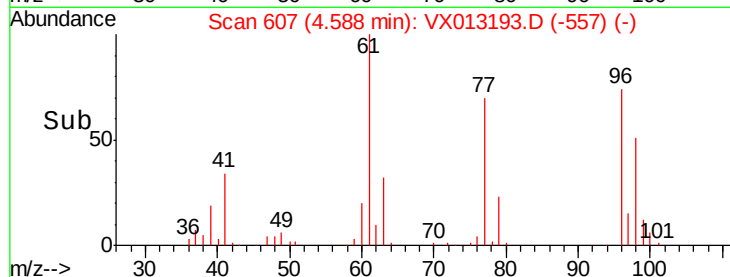
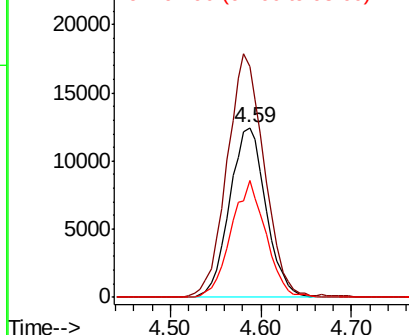
cis-1,2-Dichloroethene
Concen: 17.319 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion: 96 Resp: 34591
Ion Ratio Lower Upper
96 100
61 146.6 0.0 290.4
98 65.6 0.0 130.4



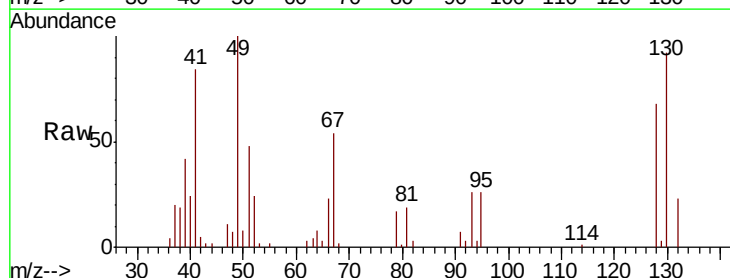
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



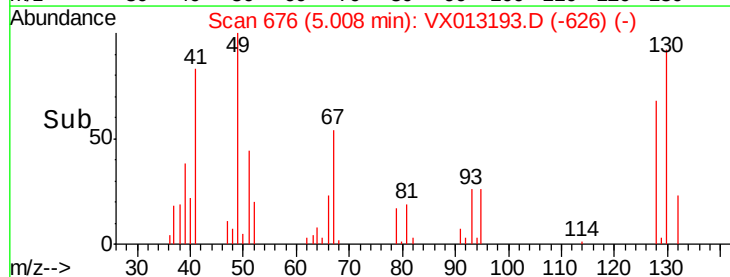
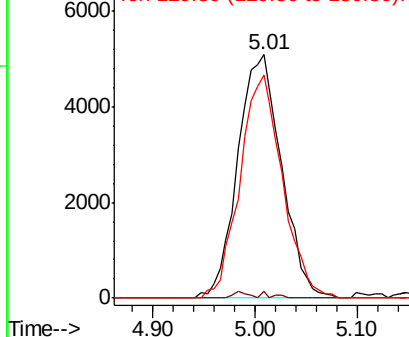
#28

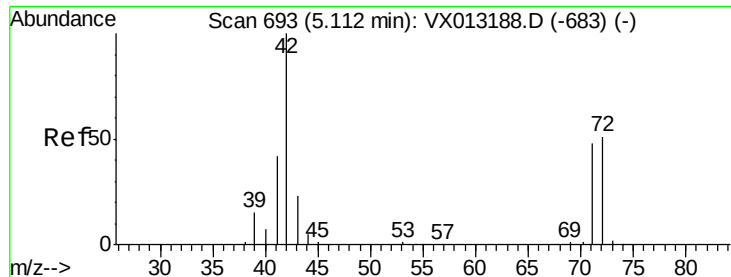
Bromochloromethane
Concen: 19.060 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 49 Resp: 15176
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.8
130 88.9 71.8 107.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

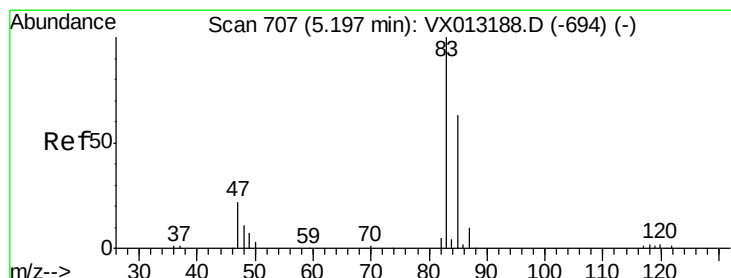
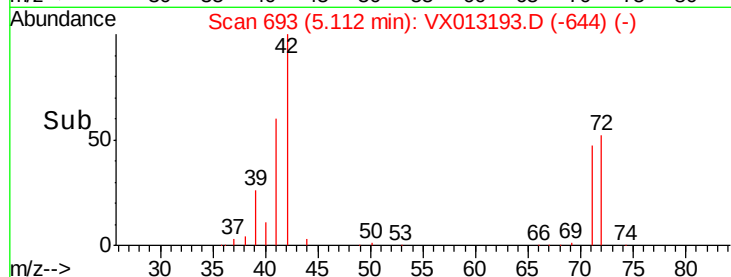
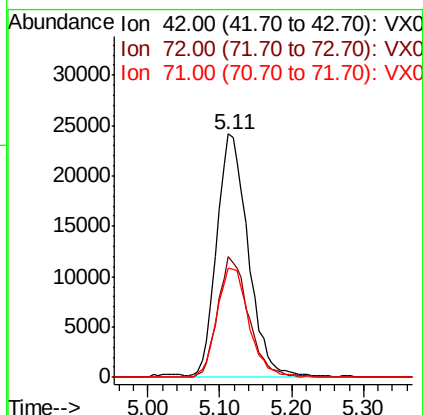
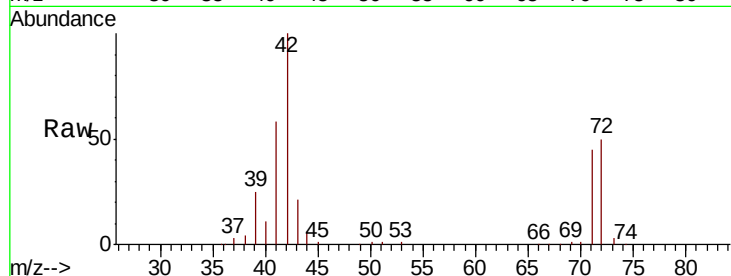




#29
Tetrahydrofuran
Concen: 95.089 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

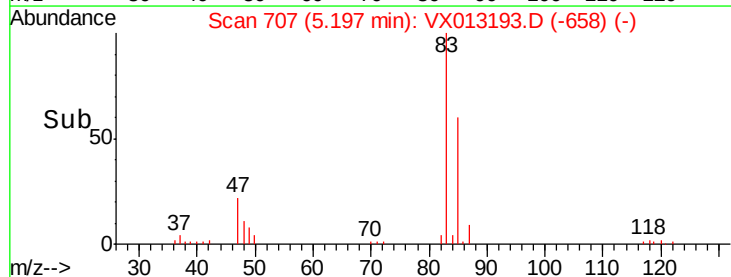
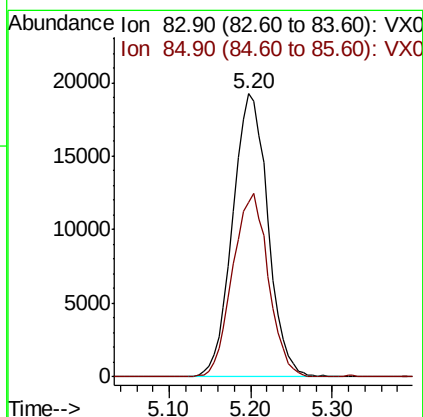
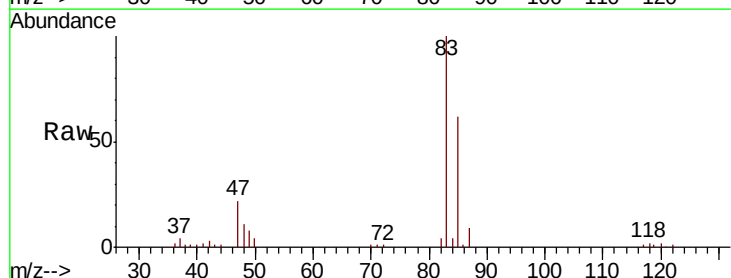
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

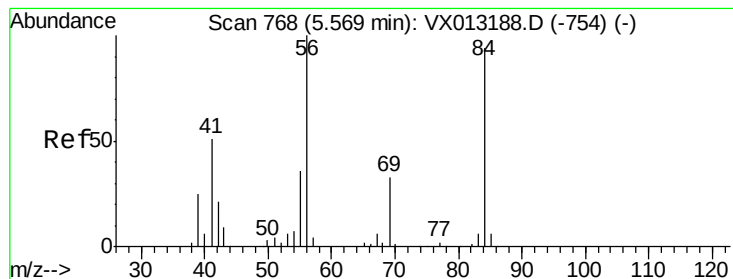
Tot Ion: 42 Resp: 72512
Ion Ratio Lower Upper
42 100
72 49.6 40.9 61.3
71 46.4 38.6 57.8



#30
Chloroform
Concen: 17.595 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 83 Resp: 57846
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1





#31

Cyclohexane

Concen: 17.691 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

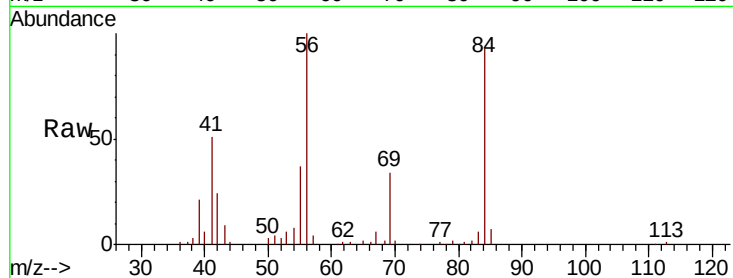
Tot Ion: 56 Resp: 45812

Ion Ratio Lower Upper

56 100

69 34.1 26.3 39.5

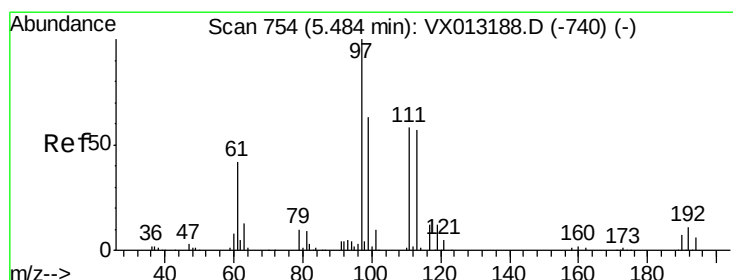
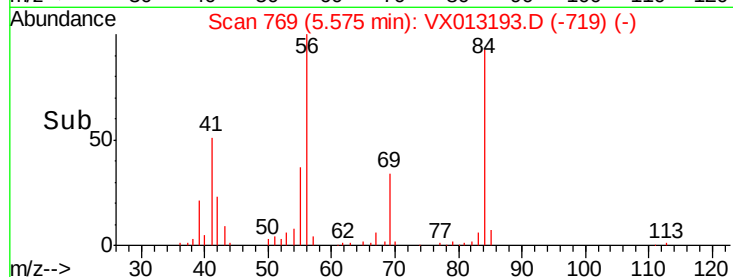
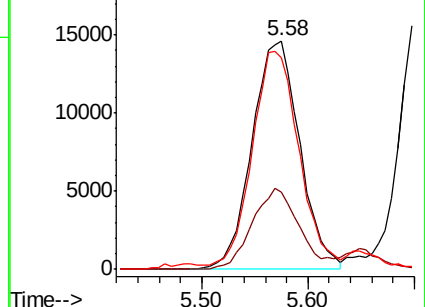
84 90.4 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.811 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

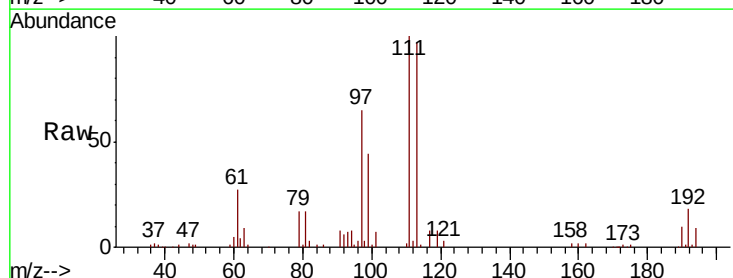
Tgt Ion: 97 Resp: 52064

Ion Ratio Lower Upper

97 100

99 65.2 50.8 76.2

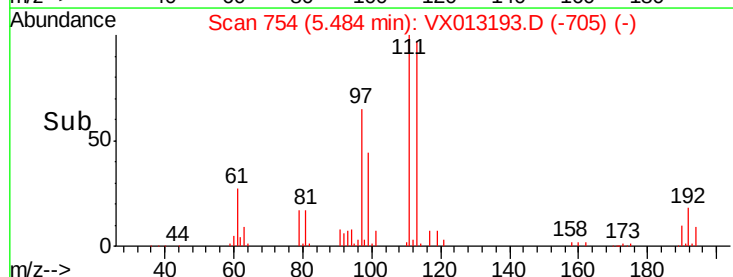
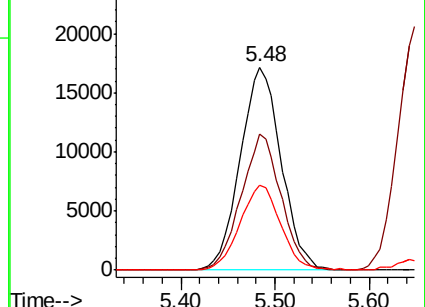
61 41.5 32.8 49.2

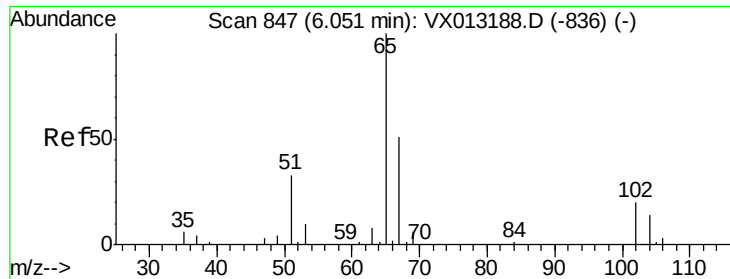


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

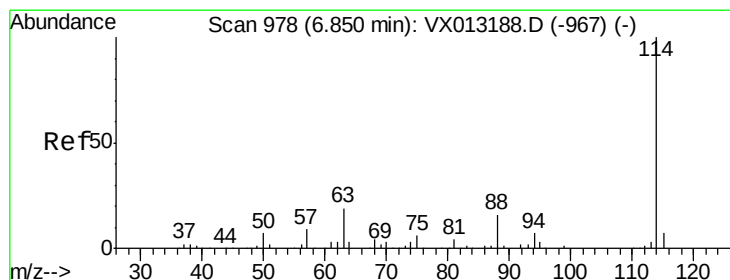
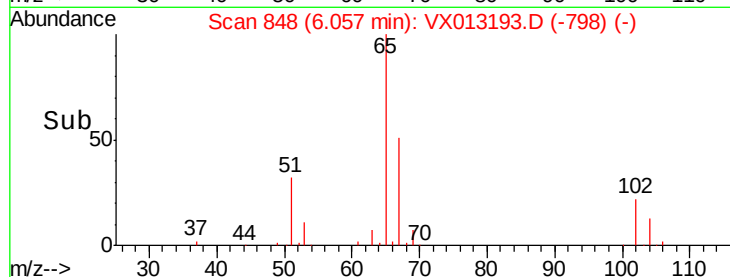
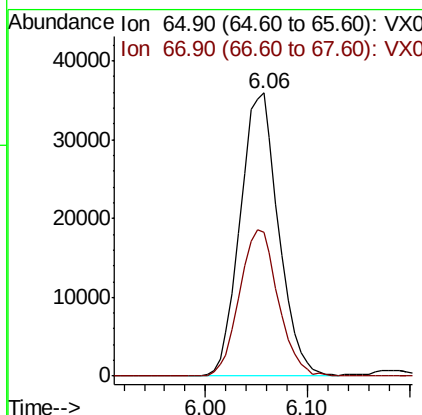
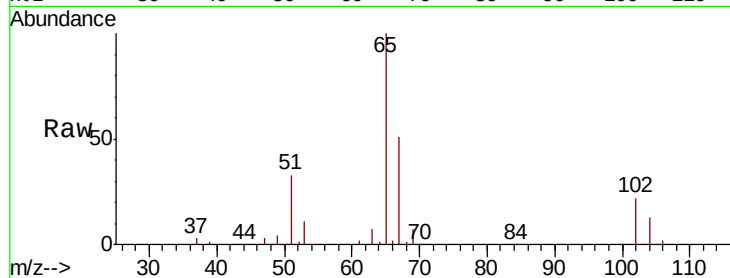




#33
 1,2-Dichloroethane-d4
 Concen: 47.023 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

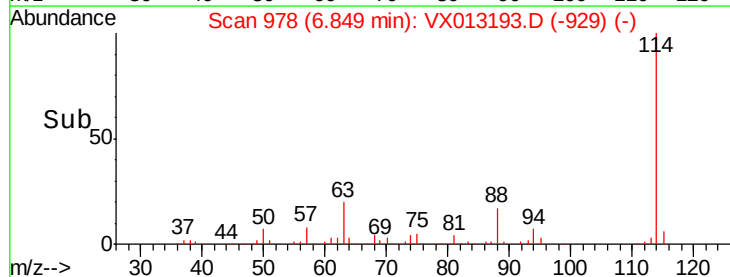
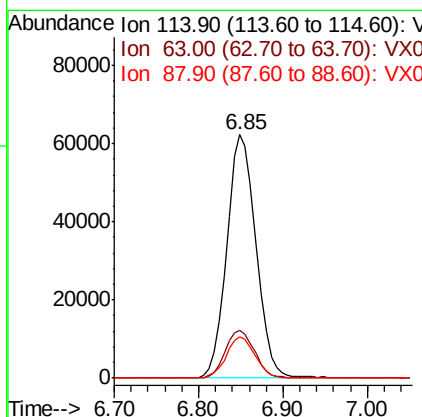
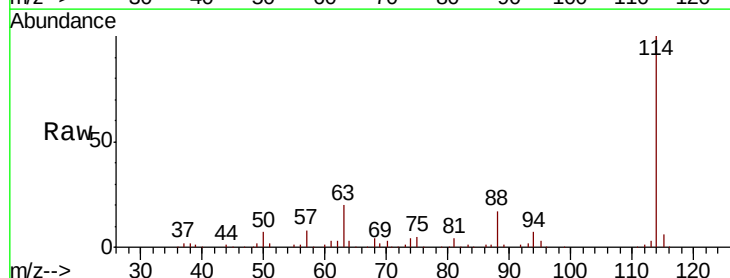
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

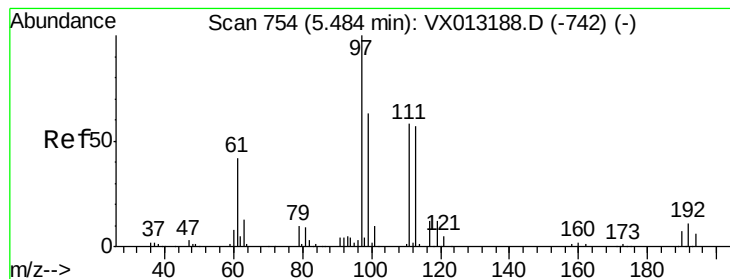
Tot Ion: 65 Resp: 94157
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 114 Resp: 146598
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 17.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 45.411 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

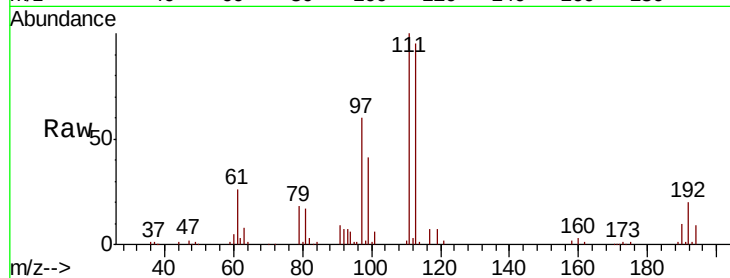
Tot Ion:113 Resp: 74237

Ion Ratio Lower Upper

113 100

111 103.0 80.3 120.5

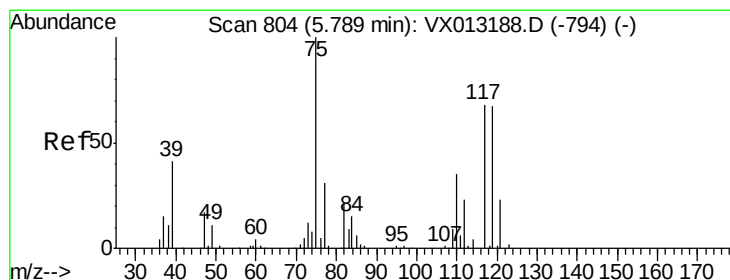
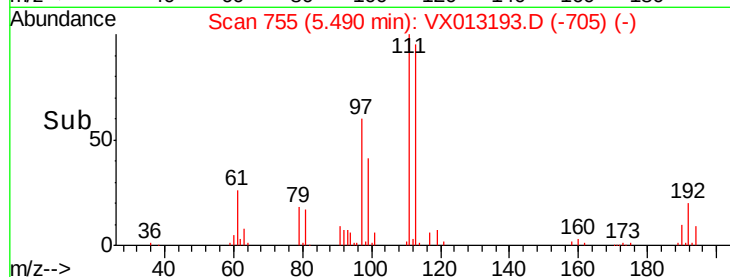
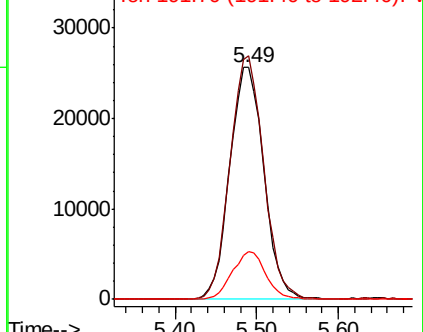
192 20.1 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.045 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

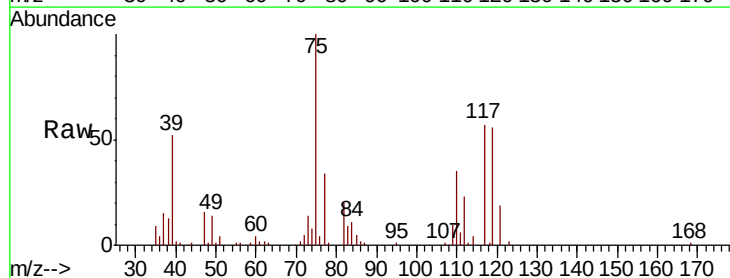
Tgt Ion: 75 Resp: 41953

Ion Ratio Lower Upper

75 100

110 34.1 17.6 52.9

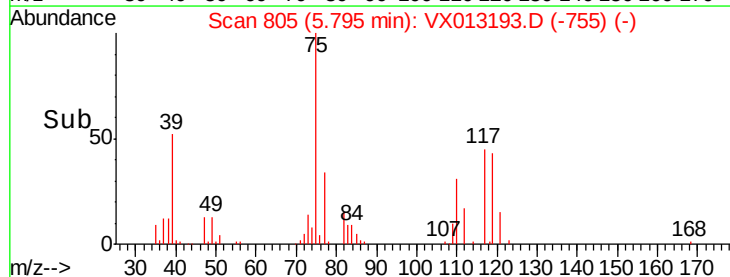
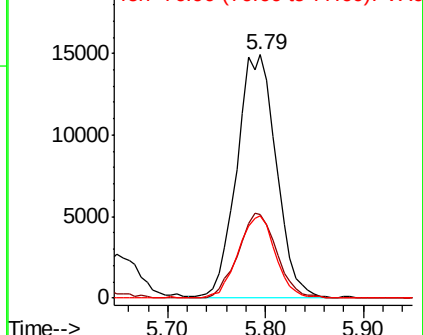
77 31.9 24.7 37.1

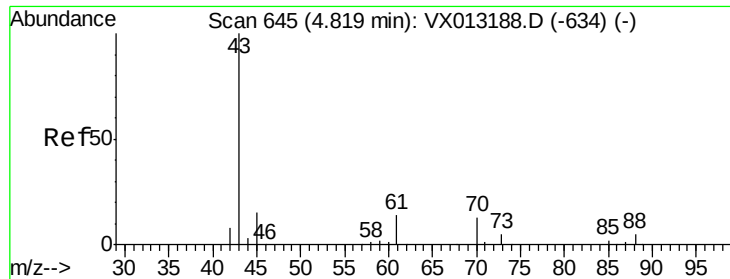


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

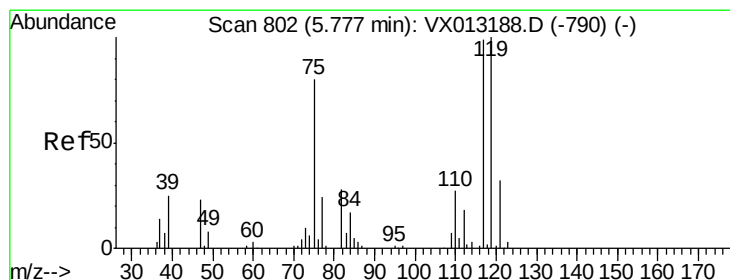
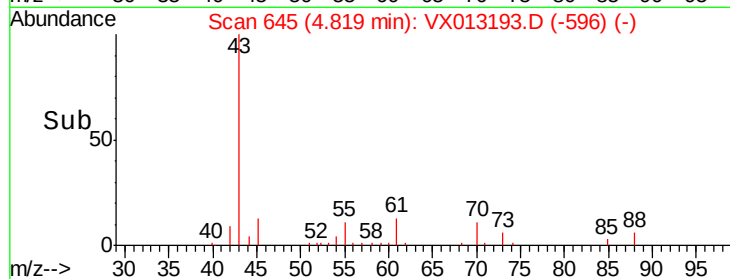
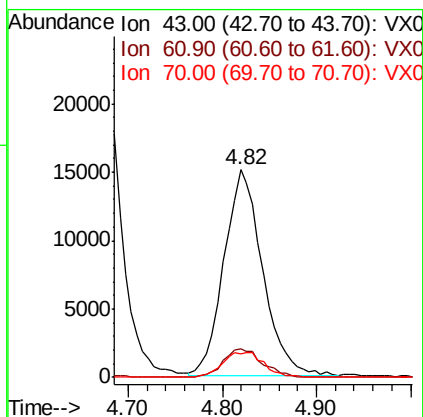
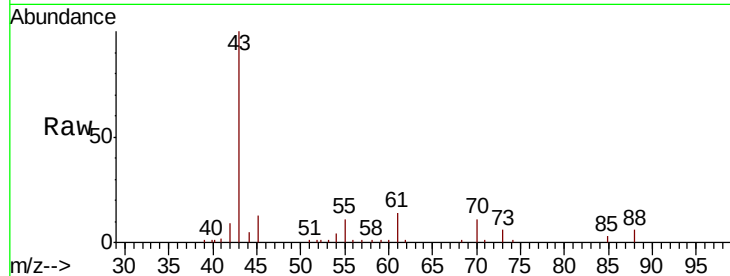




#37
Ethyl Acetate
Concen: 17.586 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

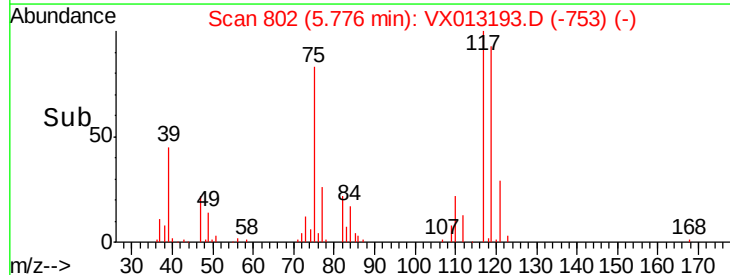
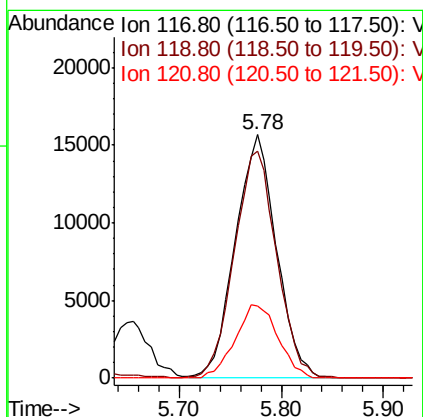
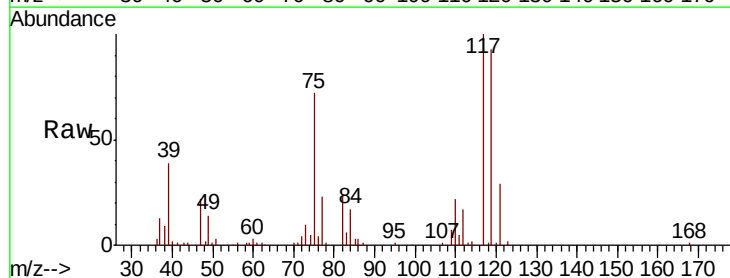
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

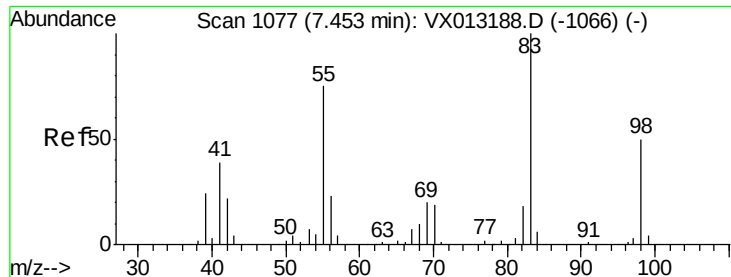
Tot Ion: 43 Resp: 42962
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 12.8 10.4 15.6



#38
Carbon Tetrachloride
Concen: 16.209 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 117 Resp: 43921
Ion Ratio Lower Upper
117 100
119 92.8 80.1 120.1
121 29.4 25.5 38.3

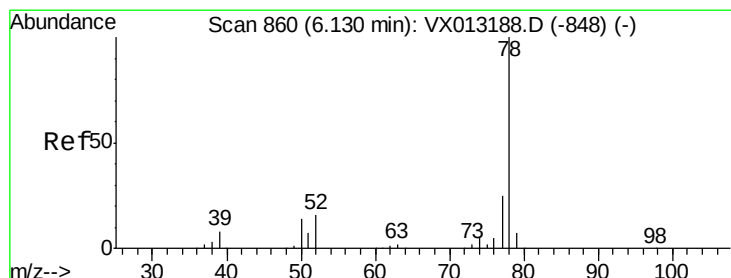
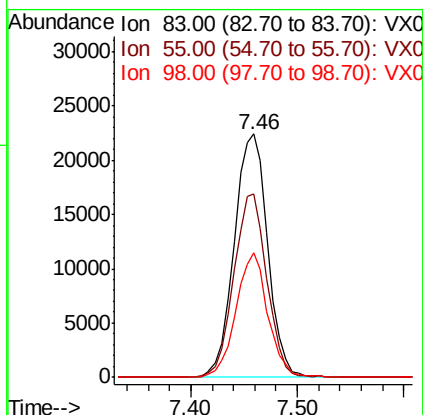
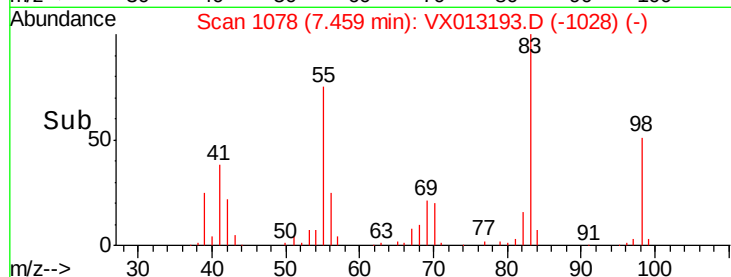
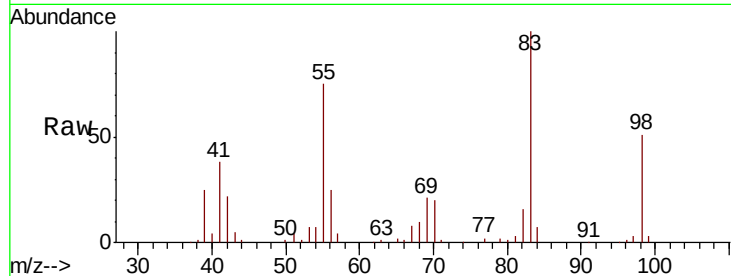




#39
Methylvlcyclohexane
Concen: 15.719 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

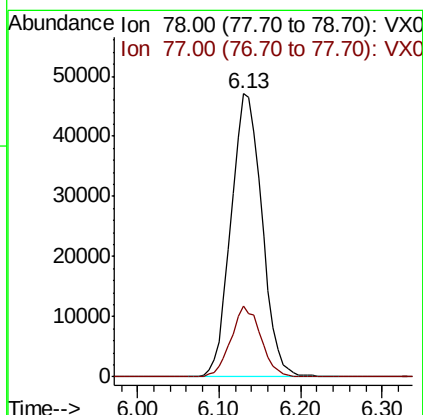
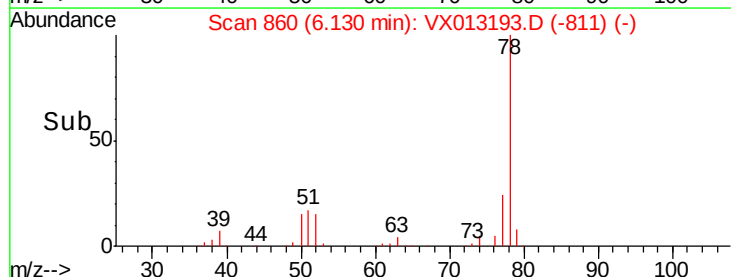
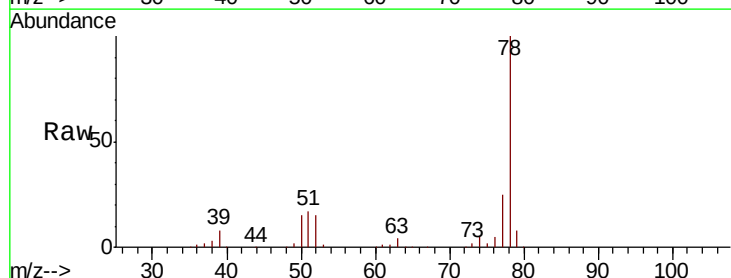
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

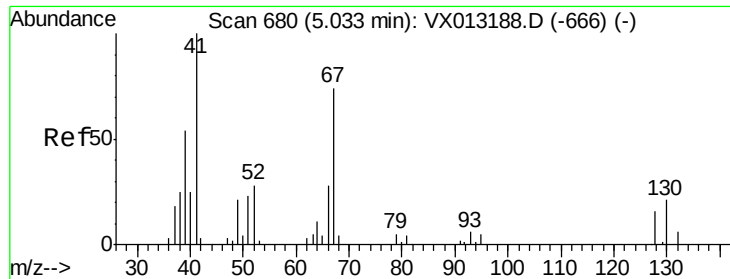
Tot Ion: 83 Resp: 49333
Ion Ratio Lower Upper
83 100
55 75.2 60.1 90.1
98 51.2 39.8 59.8



#40
Benzene
Concen: 16.784 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 78 Resp: 123590
Ion Ratio Lower Upper
78 100
77 24.9 19.6 29.4





#41

Methacrylonitrile

Concen: 18.266 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

Tot Ion: 41 Resp: 23924

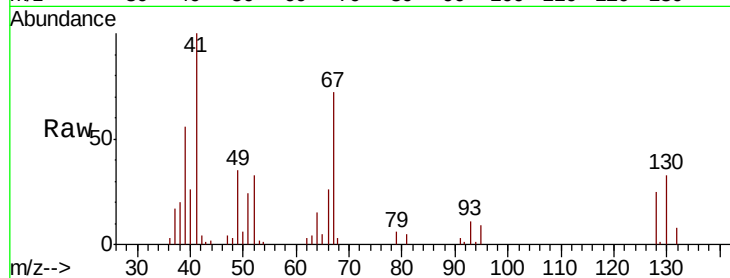
Ion Ratio Lower Upper

41 100

39 54.9 45.2 67.8

67 72.7 61.3 91.9

52 30.0 25.1 37.7



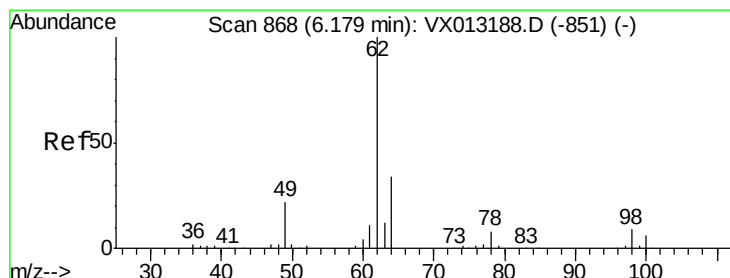
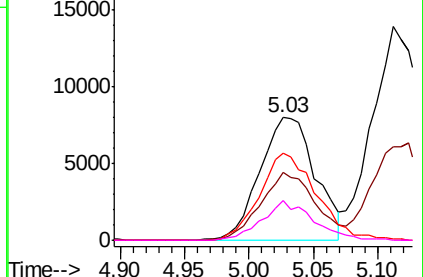
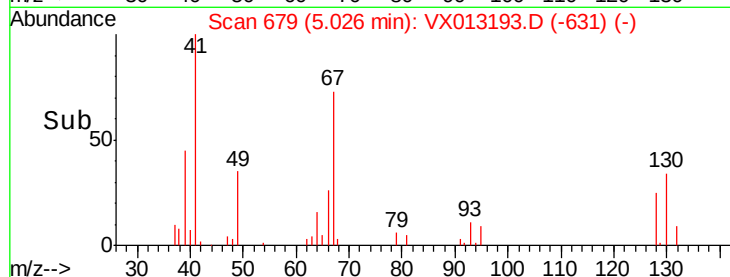
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

Time-->



#42

1,2-Dichloroethane

Concen: 16.901 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013193.D

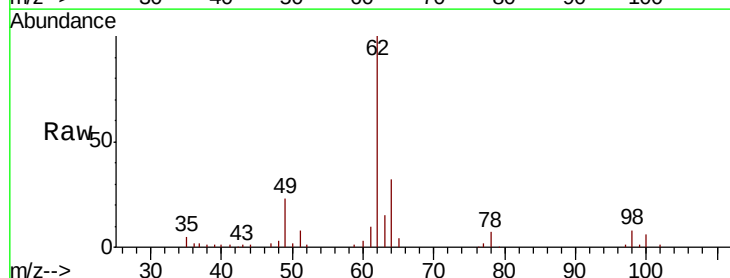
Acq: 23 Oct 2019 17:45

Tgt Ion: 62 Resp: 46922

Ion Ratio Lower Upper

62 100

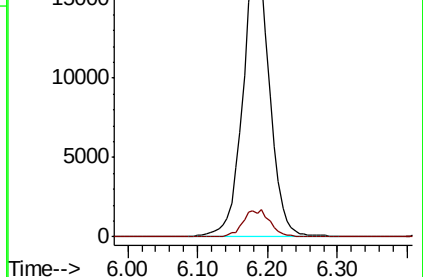
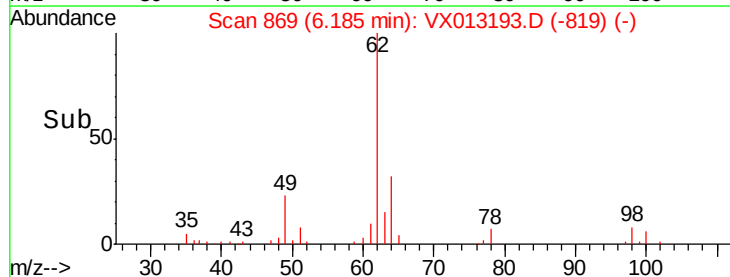
98 9.7 0.0 18.4

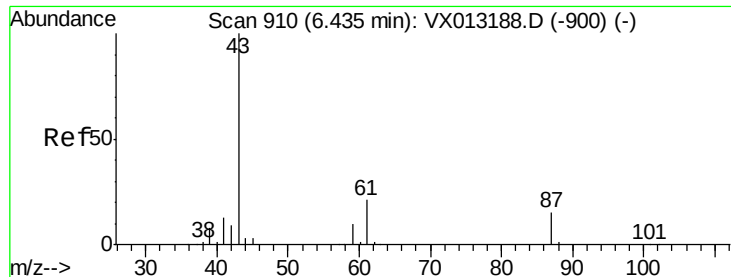


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->





#43

Isopropyl Acetate

Concen: 17.505 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

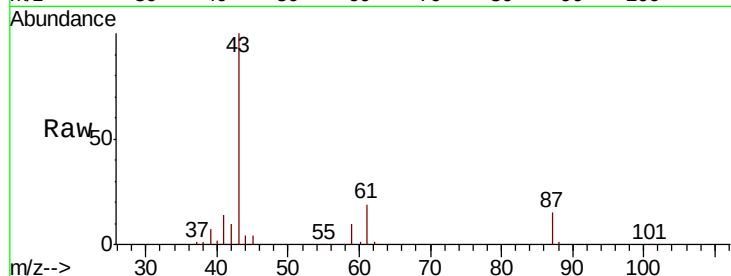
Tot Ion: 43 Resp: 71003

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

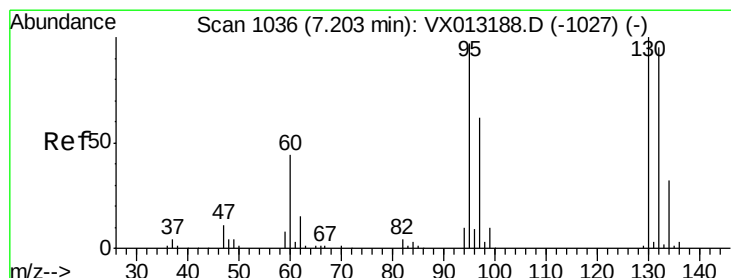
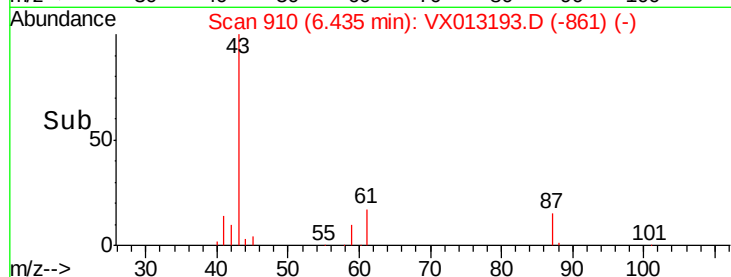
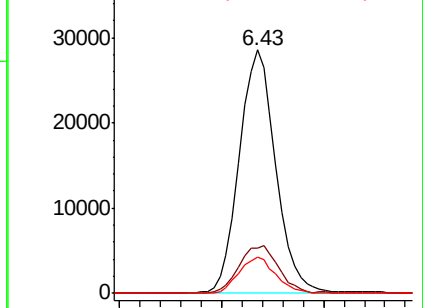
87 14.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.551 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013193.D

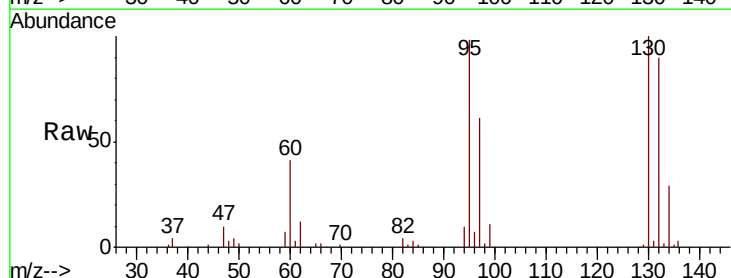
Acq: 23 Oct 2019 17:45

Tgt Ion:130 Resp: 34589

Ion Ratio Lower Upper

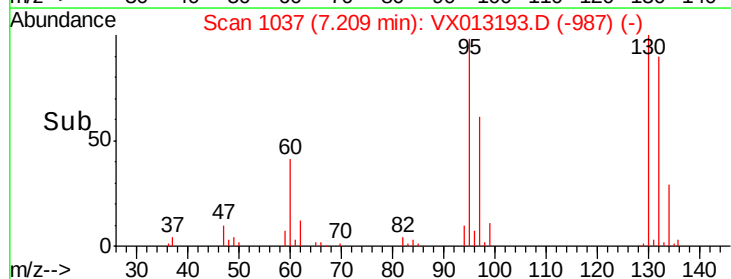
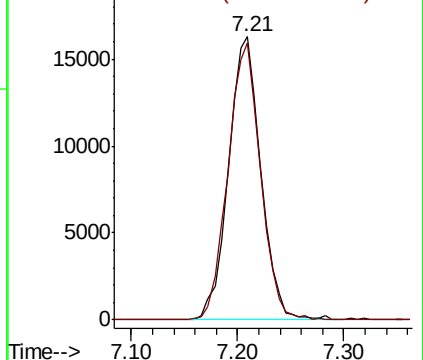
130 100

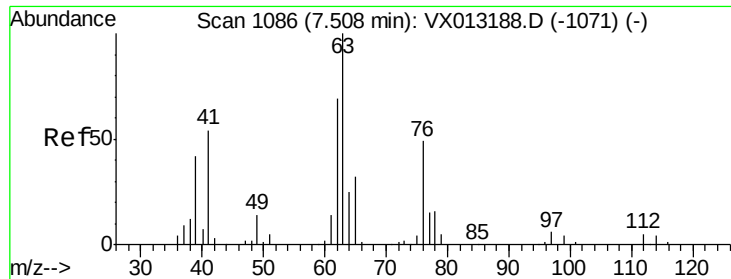
95 97.8 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

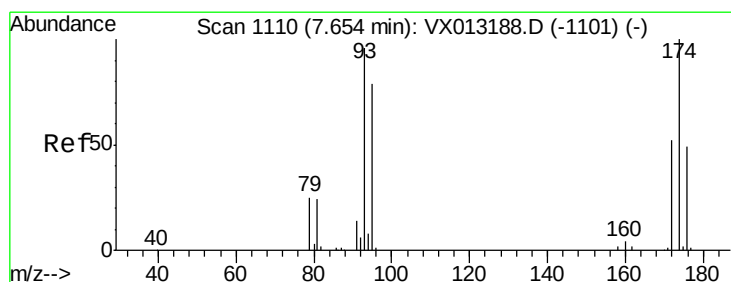
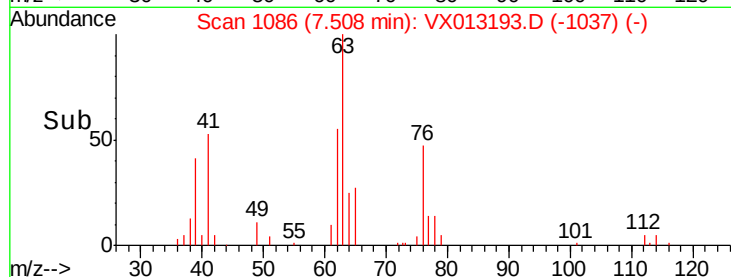
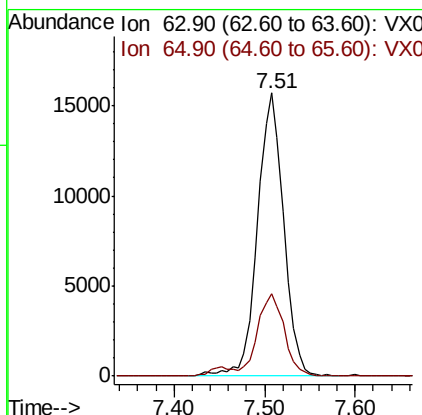
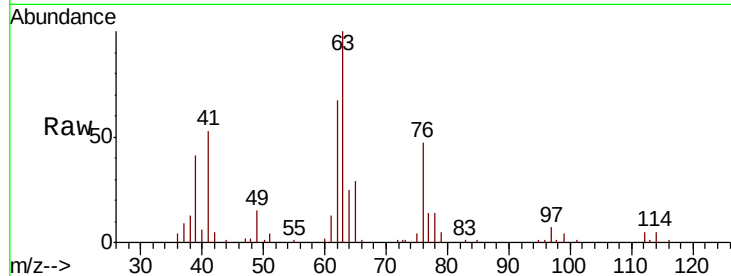




#45
 1,2-Dichloropropane
 Concen: 17.009 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

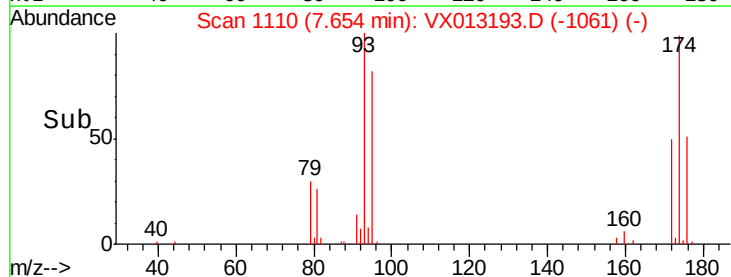
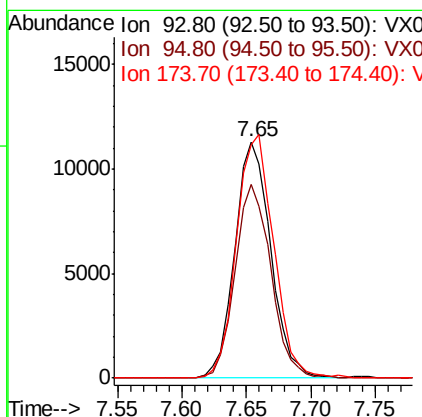
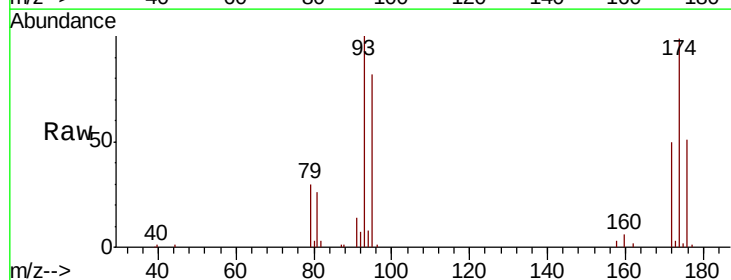
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

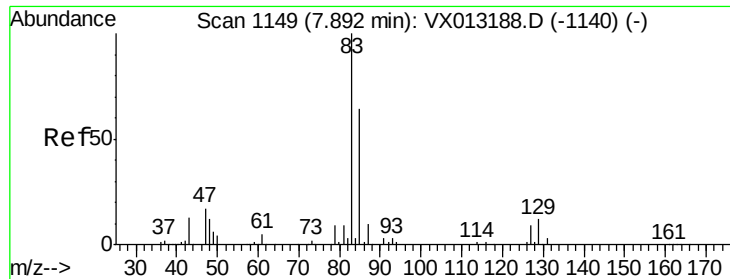
Tot Ion: 63 Resp: 31370
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.3 37.9



#46
 Dibromomethane
 Concen: 16.478 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 93 Resp: 21895
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 106.7 85.2 127.8





#47

Bromodichloromethane

Concen: 16.731 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

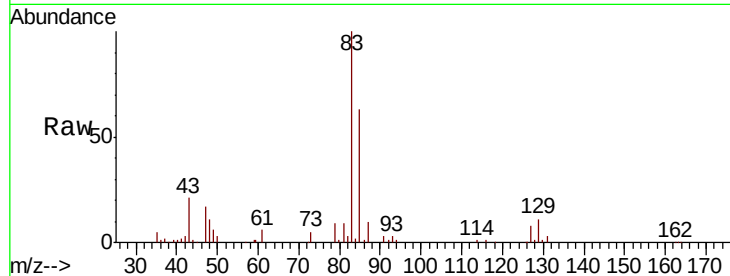
Tot Ion: 83 Resp: 43324

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.6

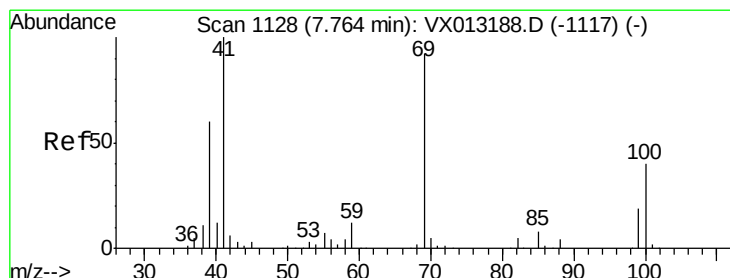
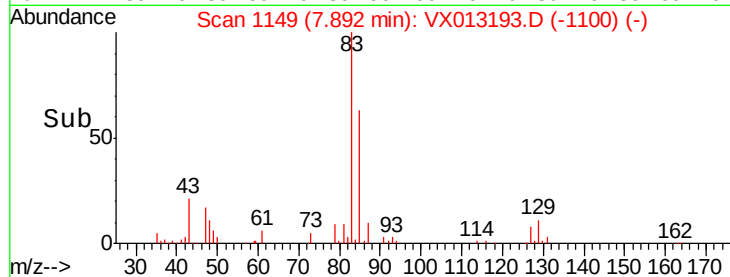
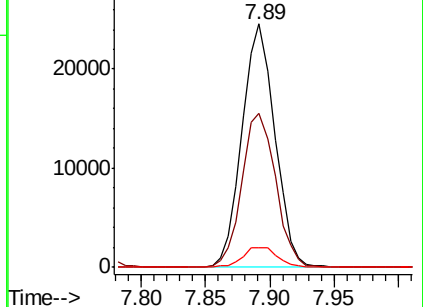
127 8.0 7.2 10.8



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: 17.088 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

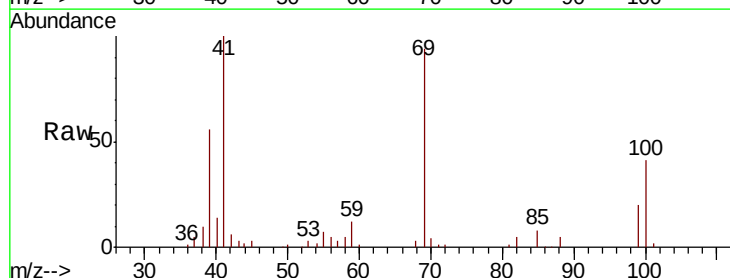
Tgt Ion: 41 Resp: 34257

Ion Ratio Lower Upper

41 100

69 89.5 72.0 108.0

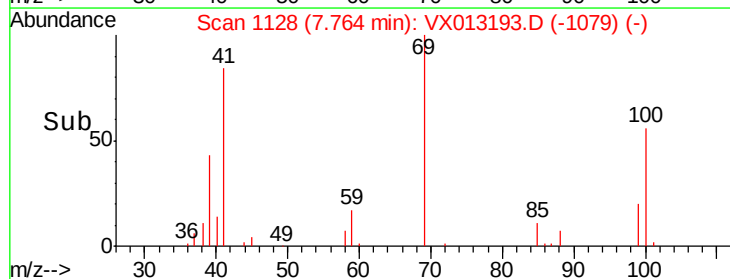
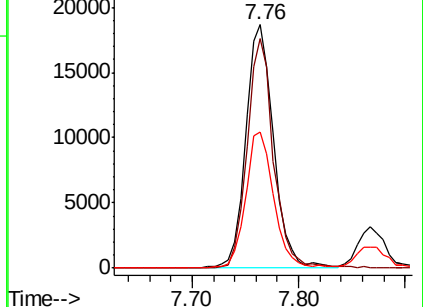
39 56.7 47.4 71.0

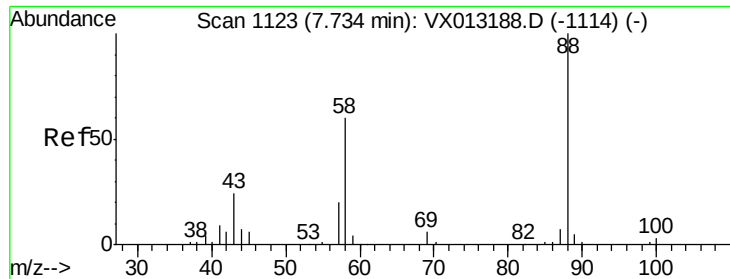


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

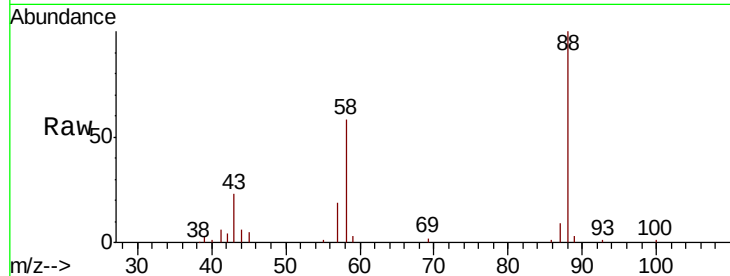




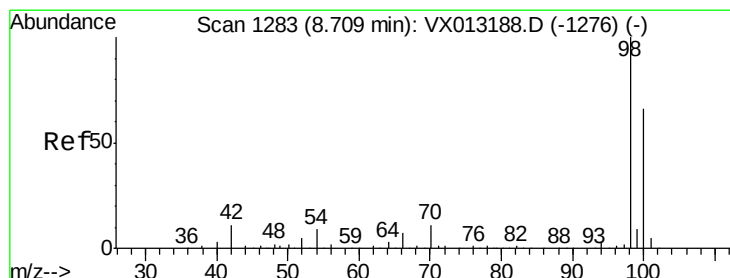
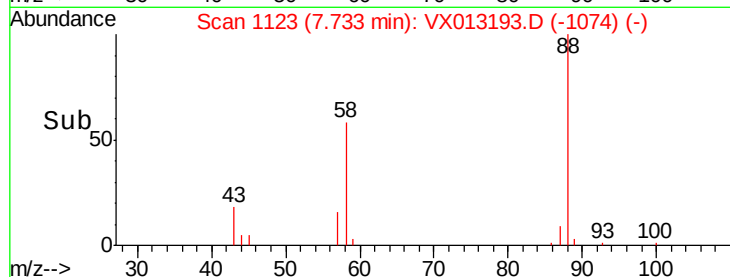
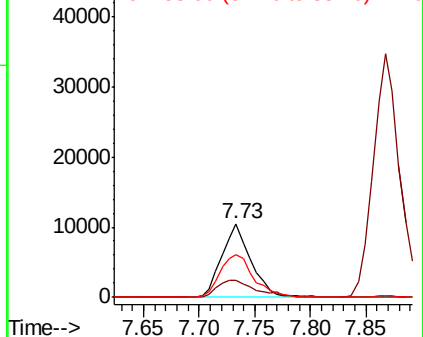
#49
1,4-Dioxane
Concen: 372.287 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	88	Resp	18995
Ion	Ratio	Lower	Upper
88	100		
43	31.7	24.5	36.7
58	66.7	54.1	81.1

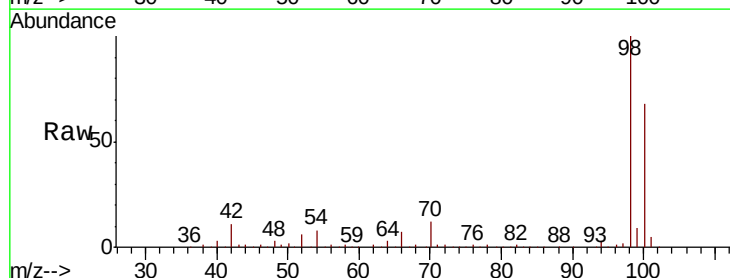


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

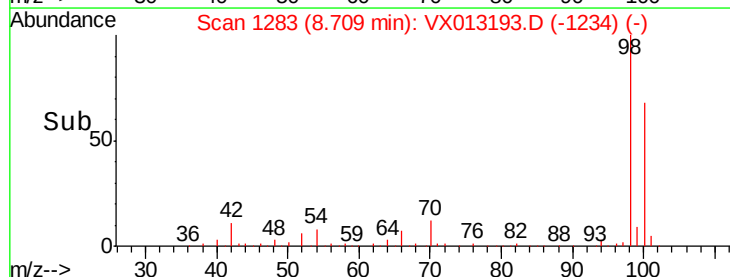
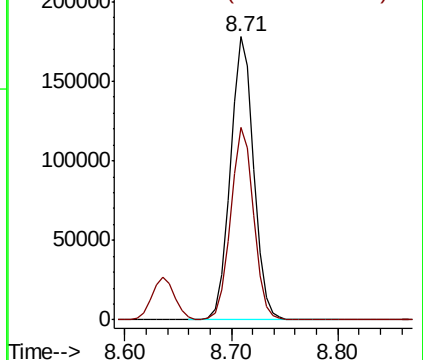


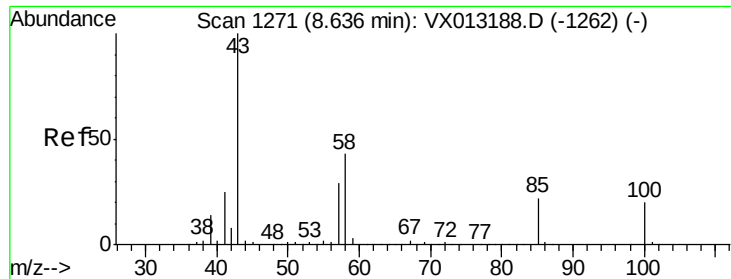
#50
Toluene-d8
Concen: 45.040 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion	98	Resp	272869
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 88.814 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

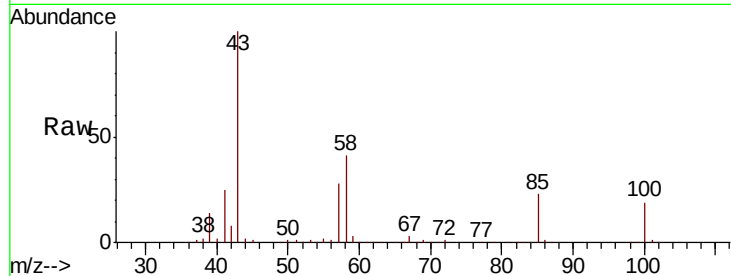
VX1024WBS01

Tot Ion: 43 Resp: 219575

Ion Ratio Lower Upper

43 100

58 41.7 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

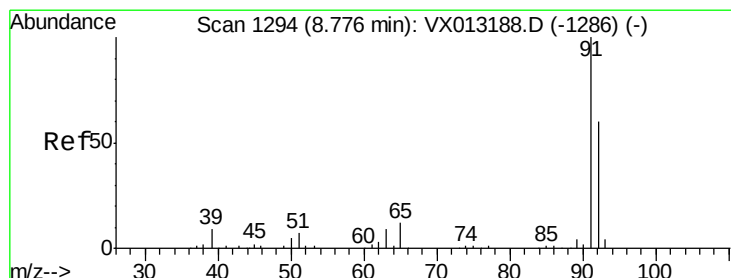
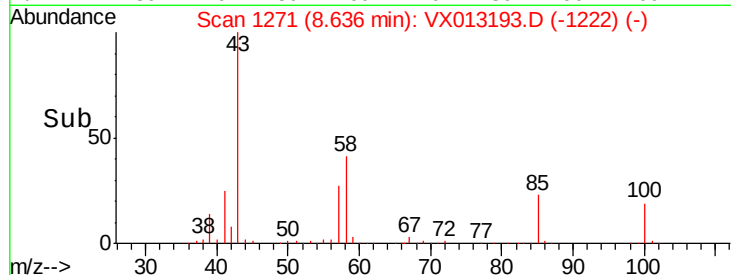
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.705 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013193.D

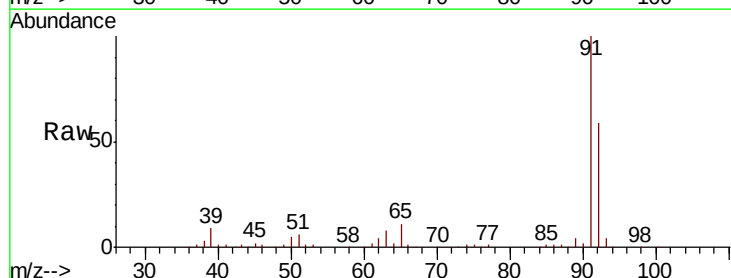
Acq: 23 Oct 2019 17:45

Tgt Ion: 92 Resp: 81517

Ion Ratio Lower Upper

92 100

91 166.0 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

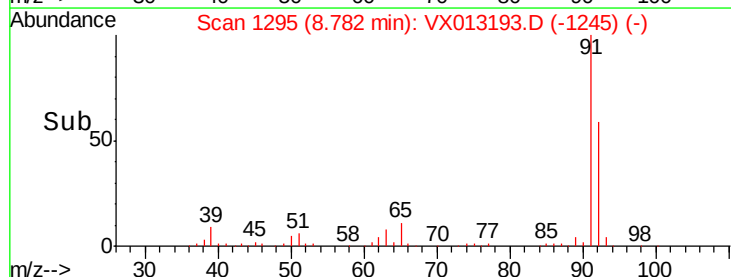
60000

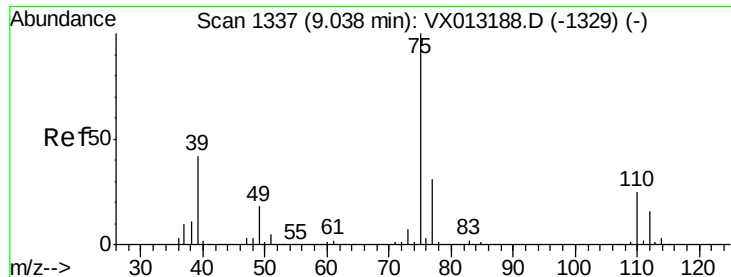
40000

20000

0

Time-->

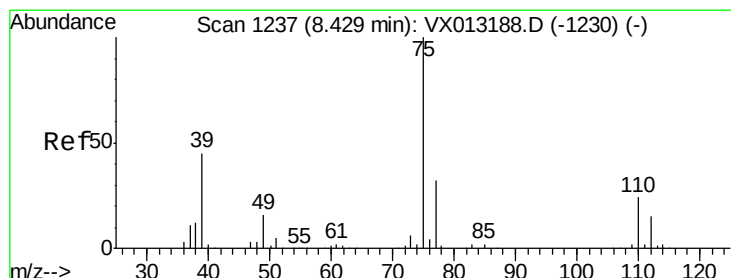
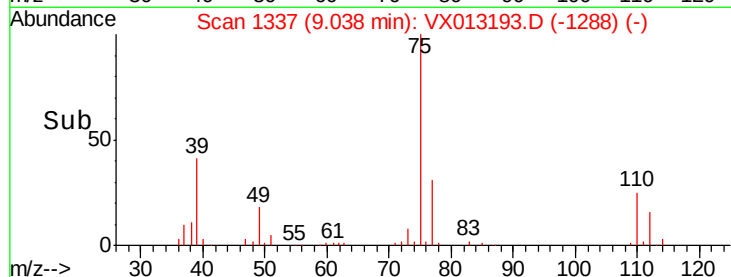
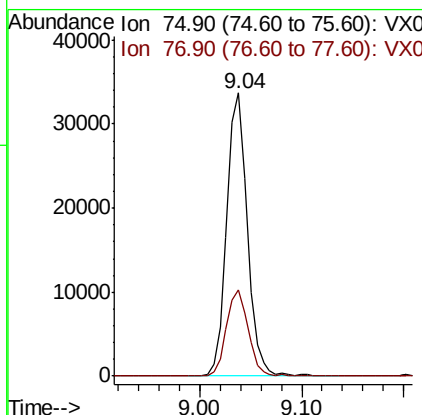
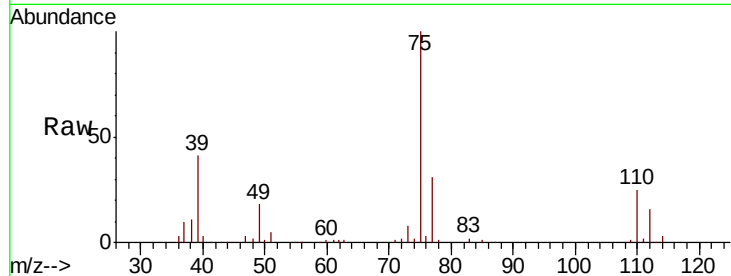




#53
t-1,3-Dichloropropene
Concen: 17.104 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

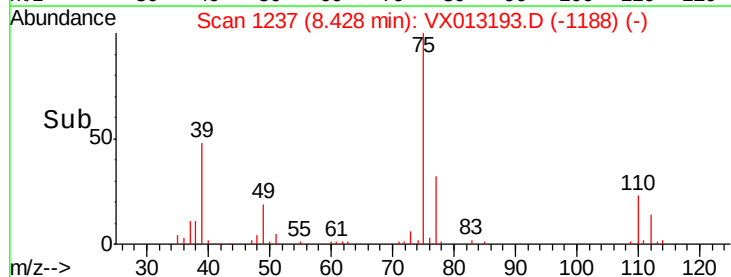
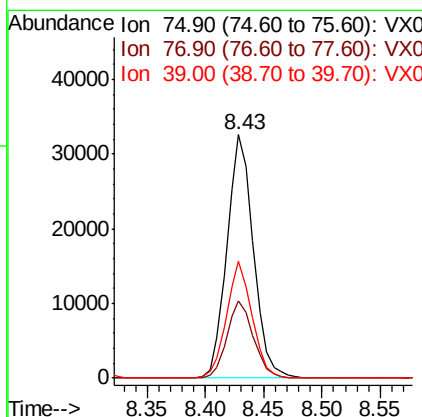
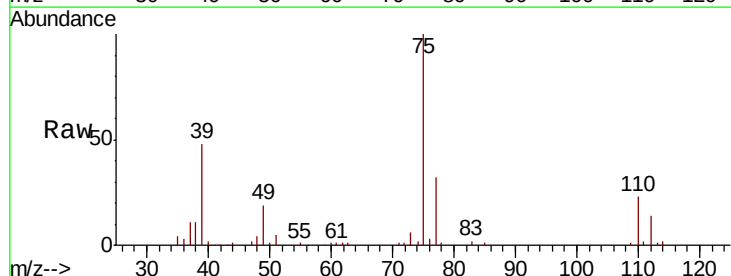
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

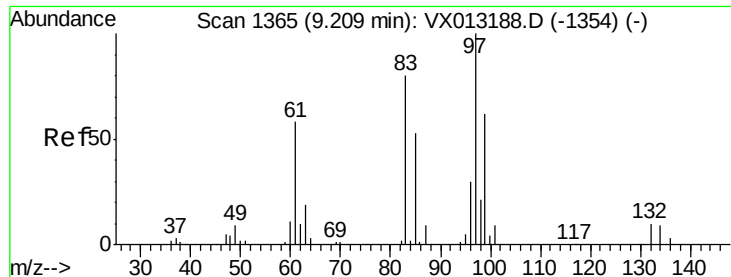
Tot Ion: 75 Resp: 47067
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 17.018 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 75 Resp: 51227
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 47.8 36.2 54.4

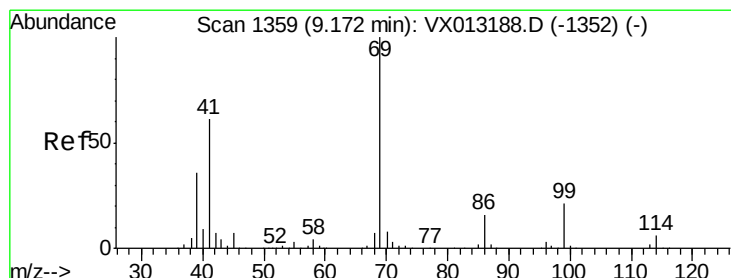
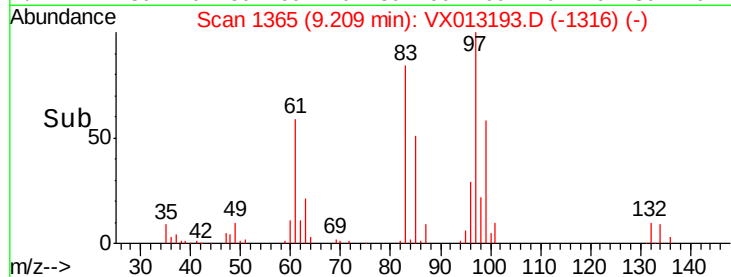
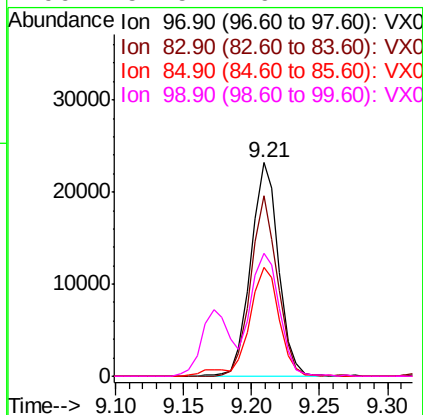
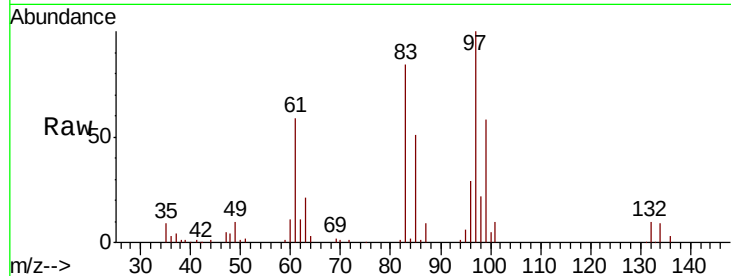




#55
 1,1,2-Trichloroethane
 Concen: 17.304 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

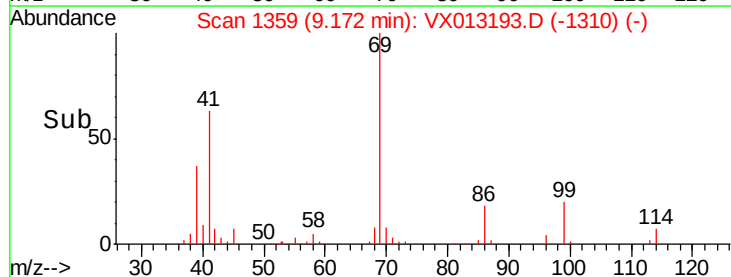
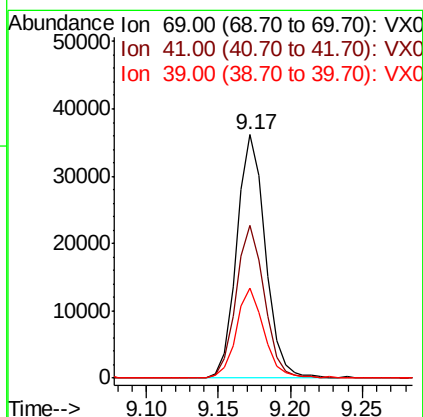
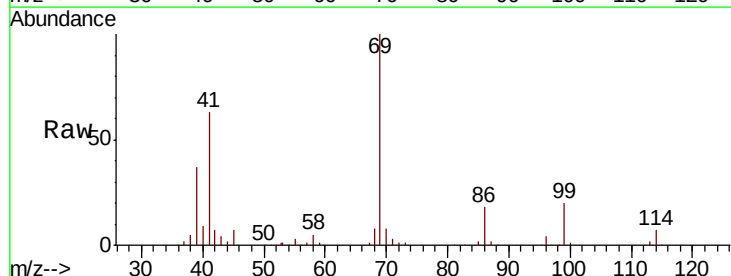
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

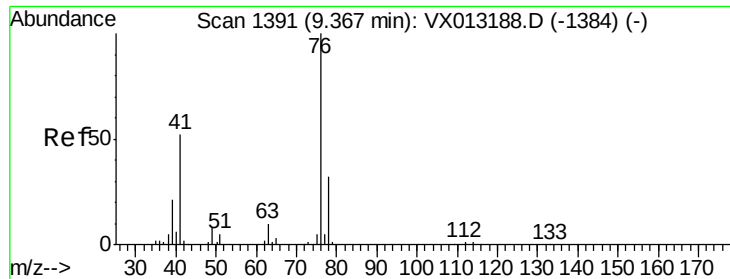
Tot Ion:	97	Resp:	33385
Ion	Ratio	Lower	Upper
97	100		
83	84.3	64.1	96.1
85	50.5	42.1	63.1
99	57.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 17.236 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion:	69	Resp:	50050
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.5	74.3
39	36.6	28.3	42.5

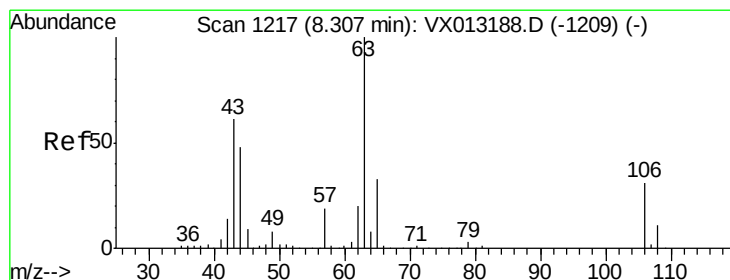
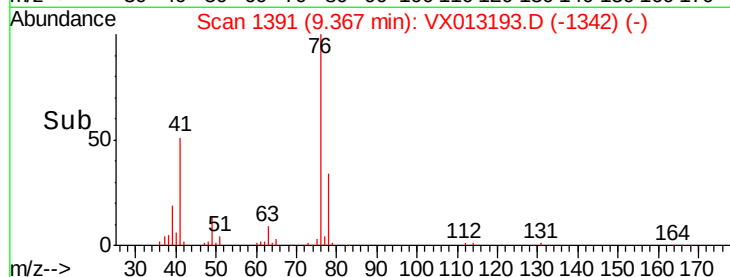
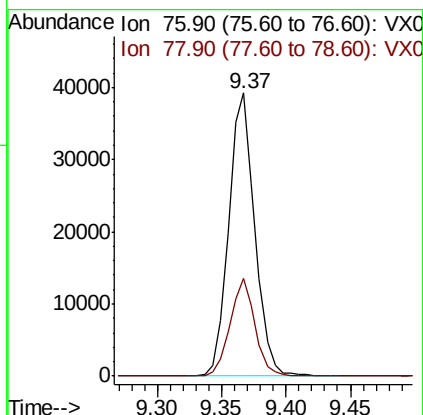
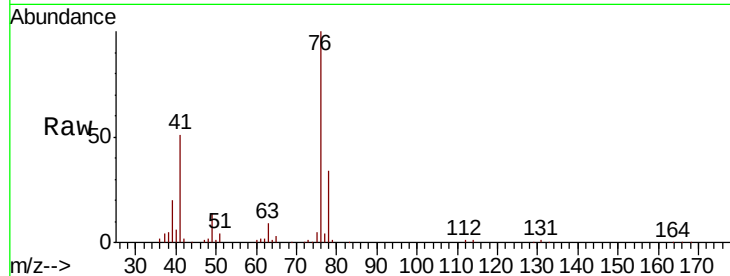




#57
 1,3-Dichloropropane
 Concen: 17.026 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

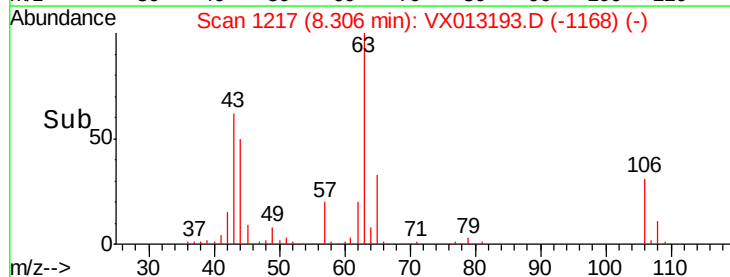
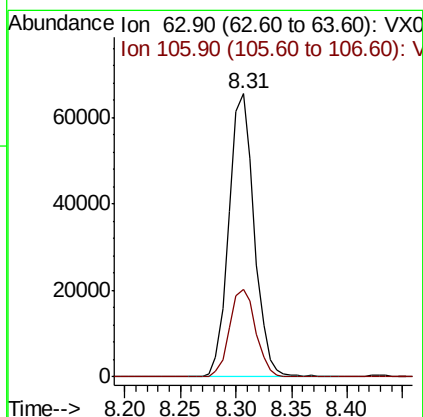
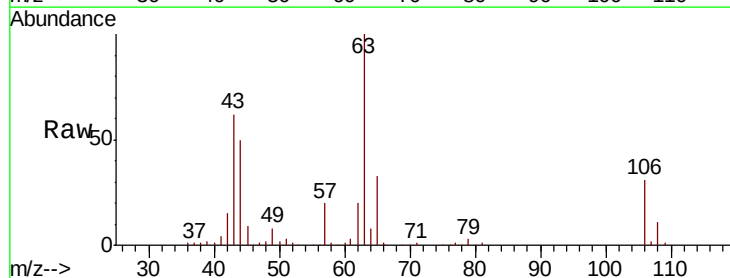
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

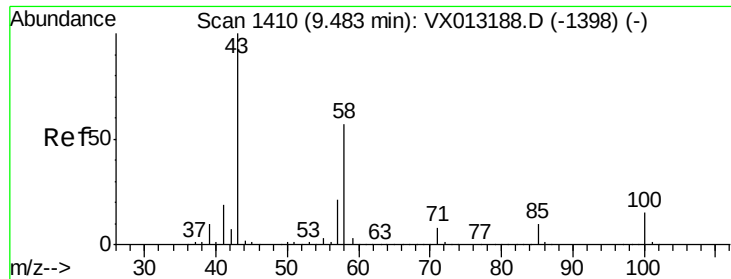
Tot Ion: 76 Resp: 55425
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.435 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 63 Resp: 103599
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0

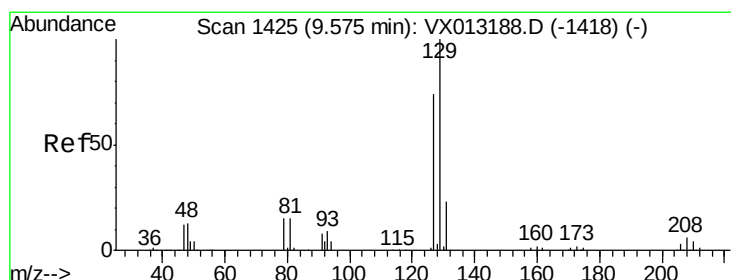
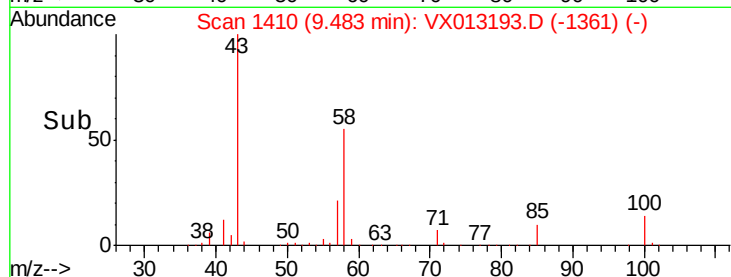
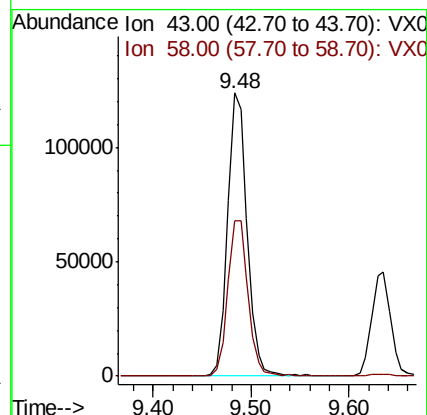
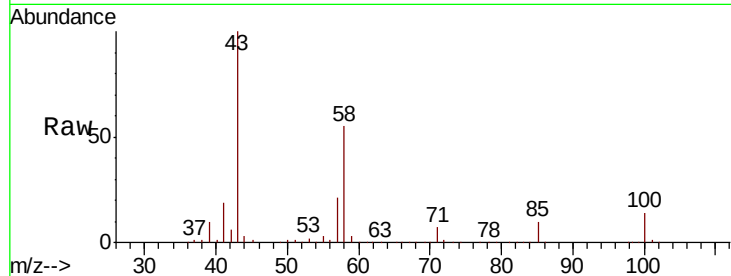




#59
2-Hexanone
Concen: 89.987 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

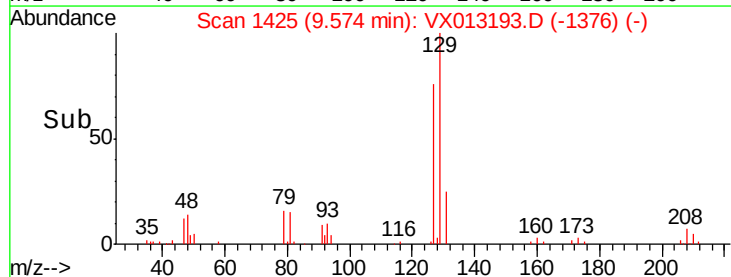
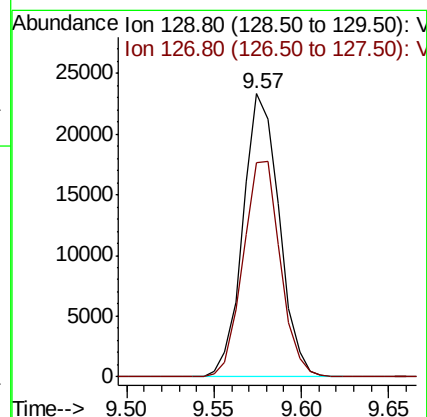
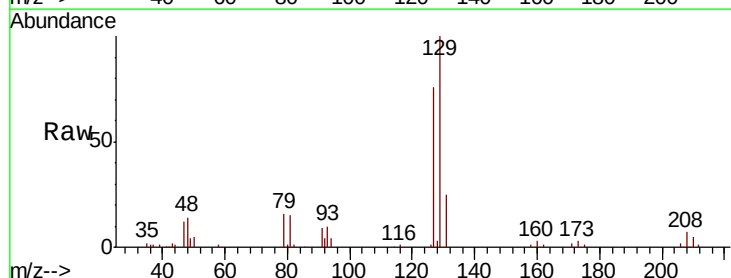
Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

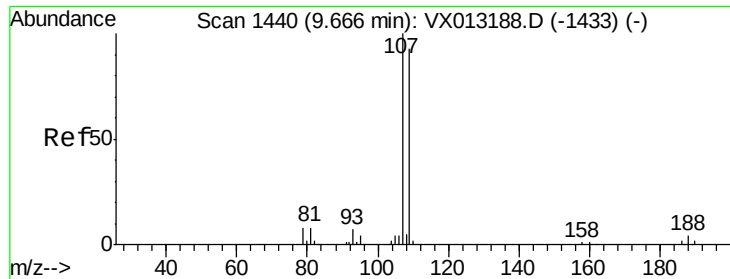
Tot Ion: 43 Resp: 171370
Ion Ratio Lower Upper
43 100
58 57.2 28.2 84.7



#60
Dibromochloromethane
Concen: 16.623 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion:129 Resp: 33606
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 16.881 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampled :

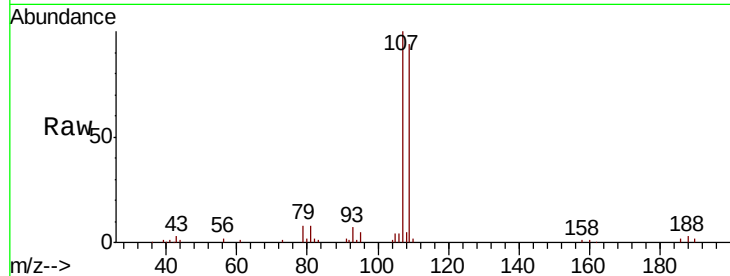
VX1024WBS01

Tot Ion:107 Resp: 34576

Ion Ratio Lower Upper

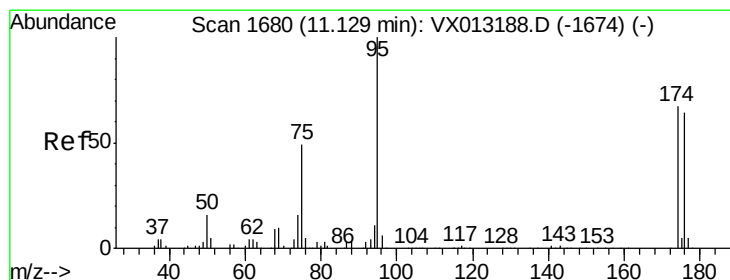
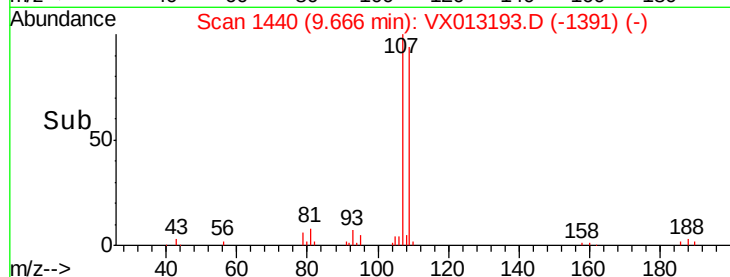
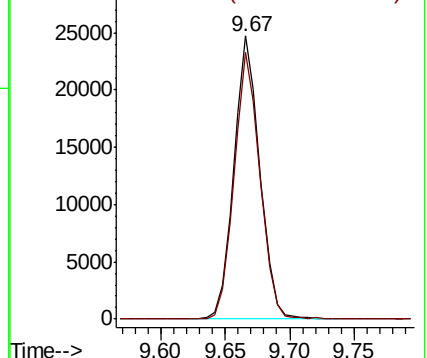
107 100

109 93.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.144 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

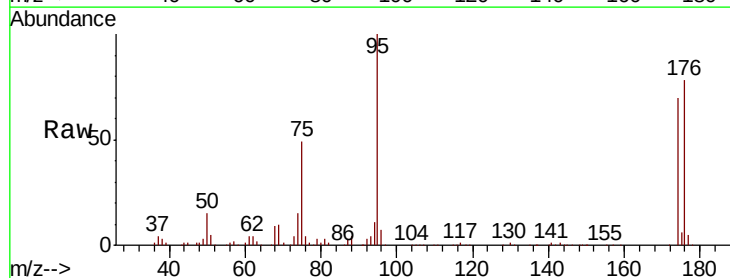
Tgt Ion: 95 Resp: 101057

Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.4

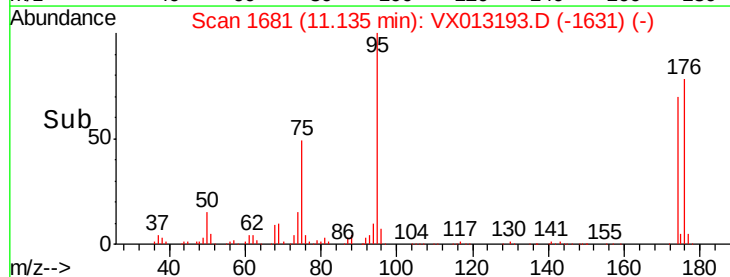
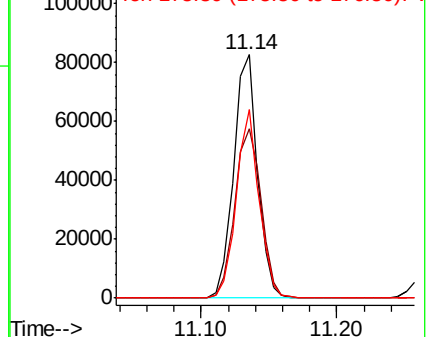
176 74.1 0.0 146.0

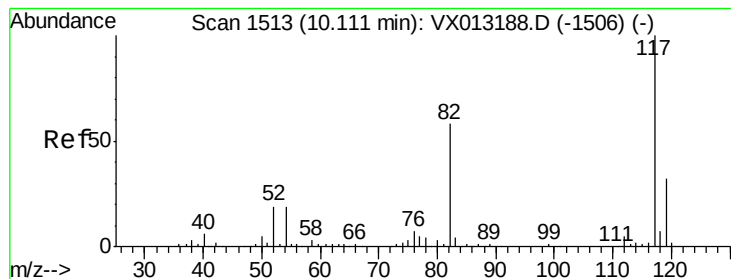


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

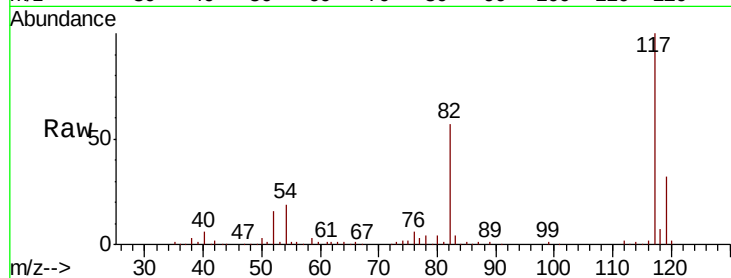
Tot Ion:117 Resp: 146066

Ion Ratio Lower Upper

117 100

82 56.8 46.5 69.7

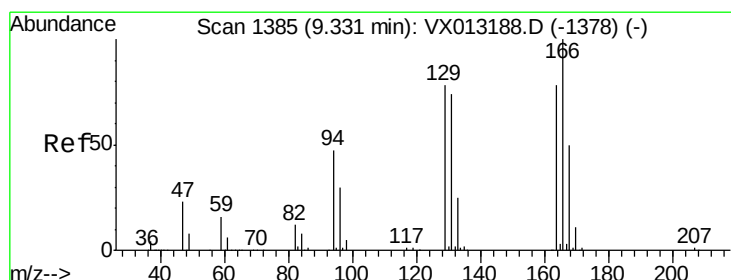
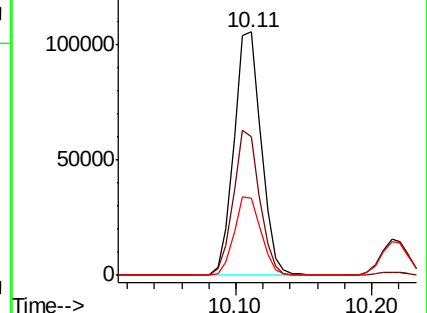
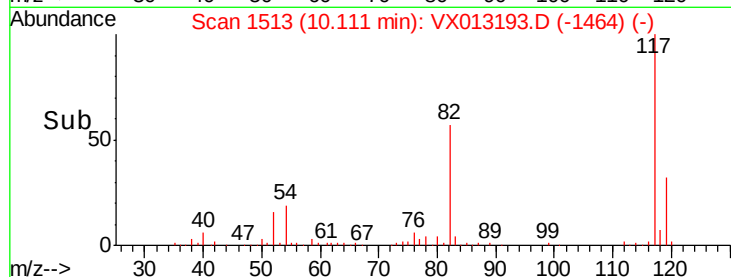
119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.647 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Tgt Ion:164 Resp: 34052

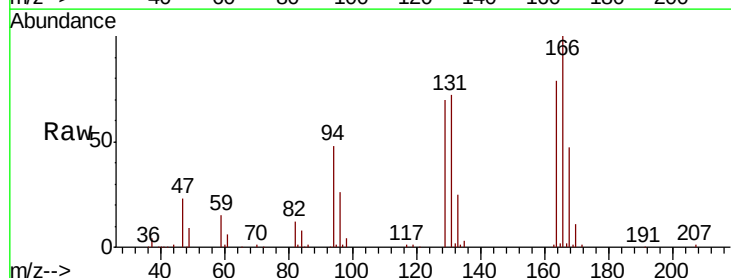
Ion Ratio Lower Upper

164 100

166 126.8 102.2 153.4

129 89.2 79.8 119.8

131 91.4 75.3 112.9

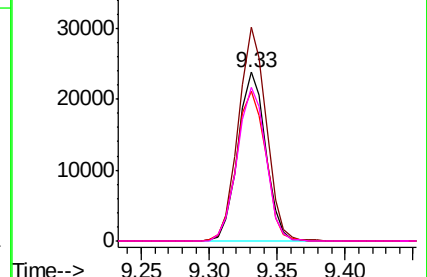
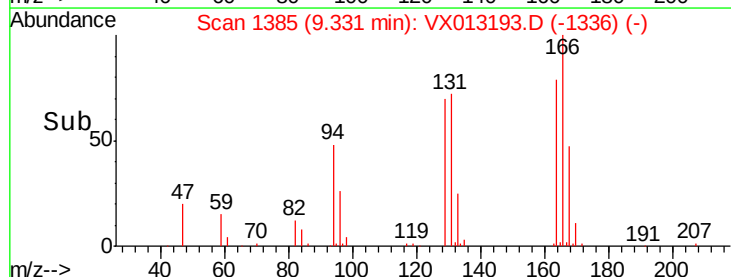


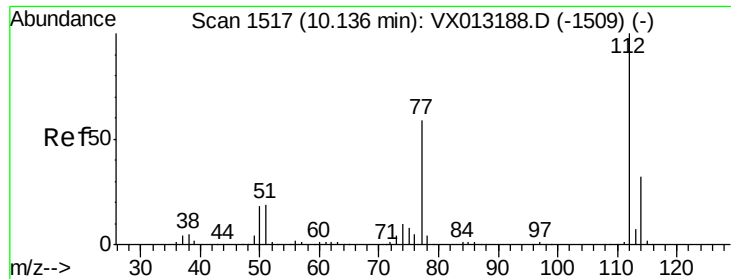
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

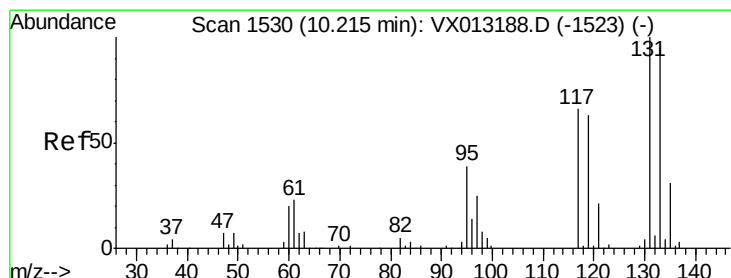
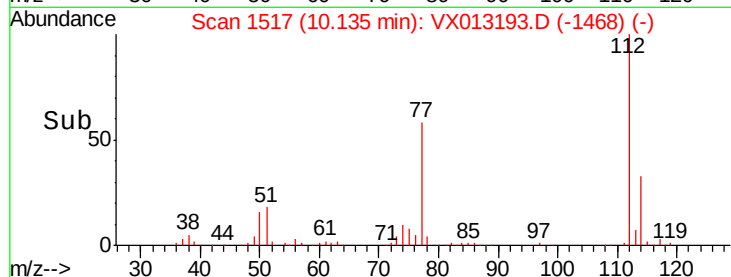
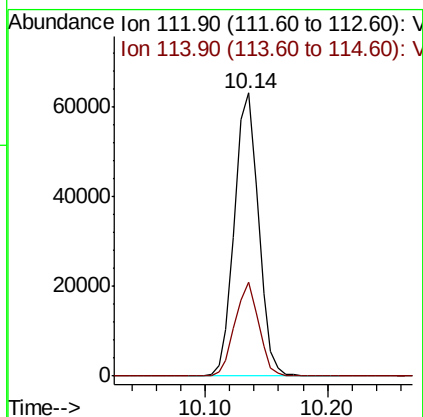
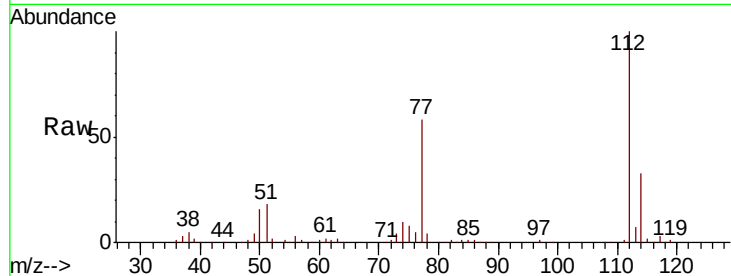




#65
Chlorobenzene
Concen: 16.735 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

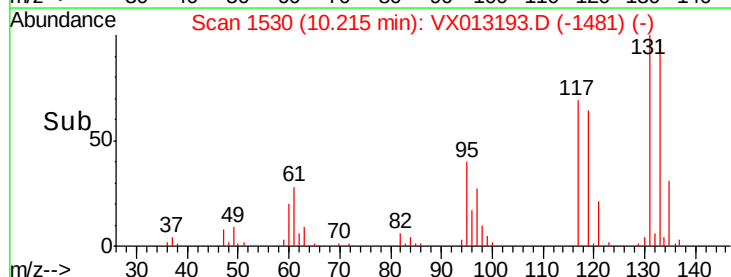
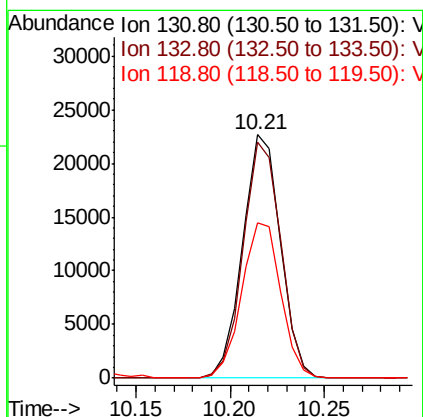
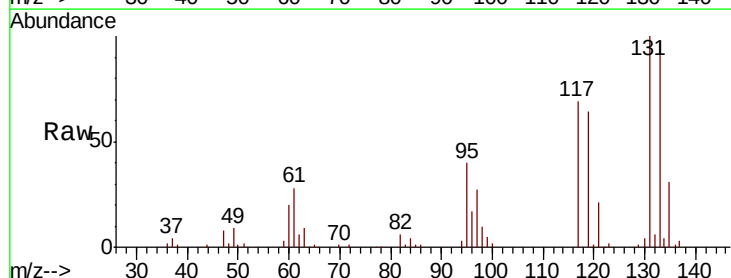
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

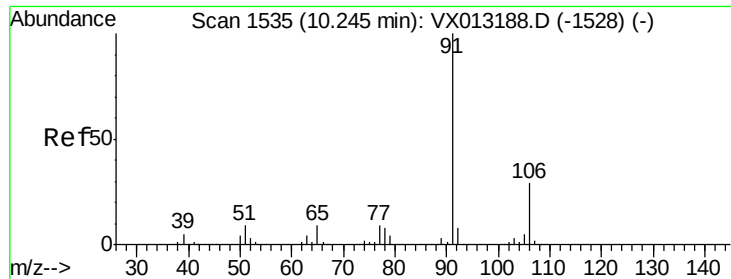
Tot Ion:112 Resp: 85570
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 16.731 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion:131 Resp: 31602
Ion Ratio Lower Upper
131 100
133 96.8 48.4 145.2
119 65.8 32.4 97.0

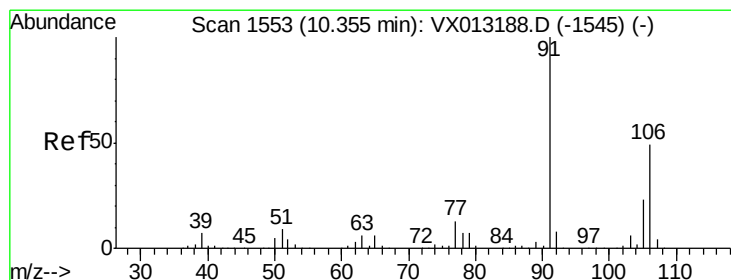
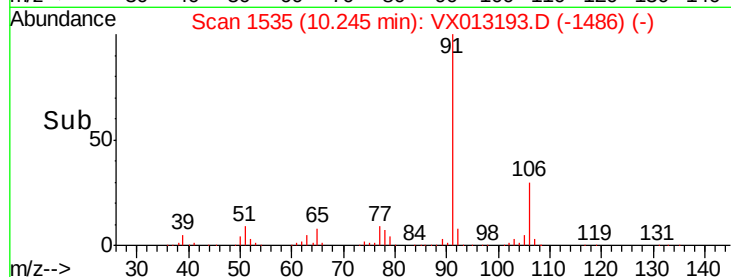
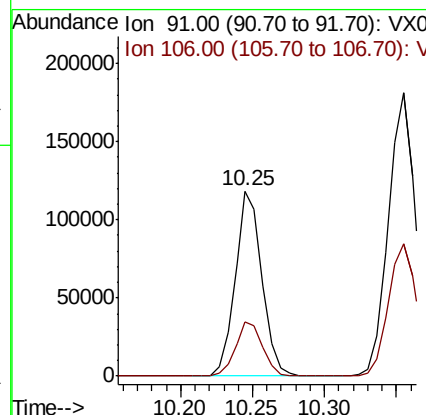
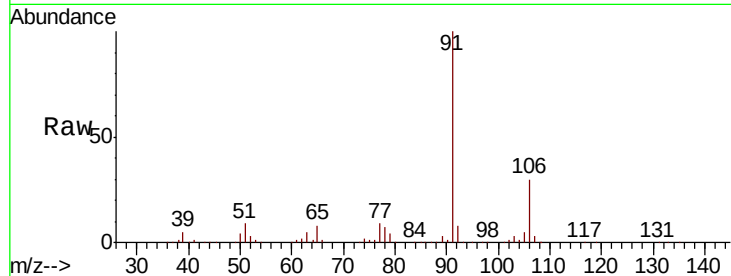




#67
Ethyl Benzene
Concen: 16.741 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

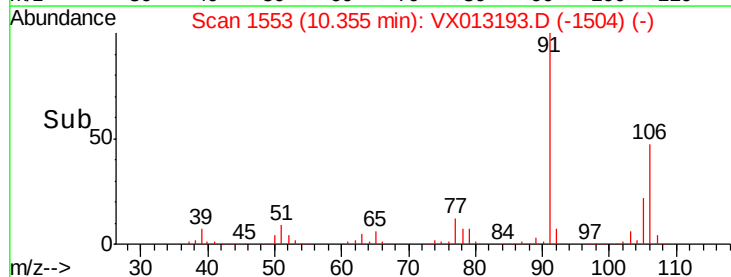
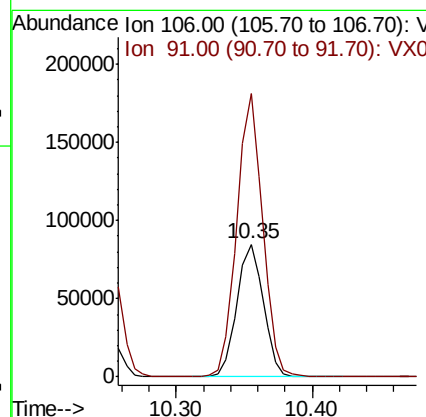
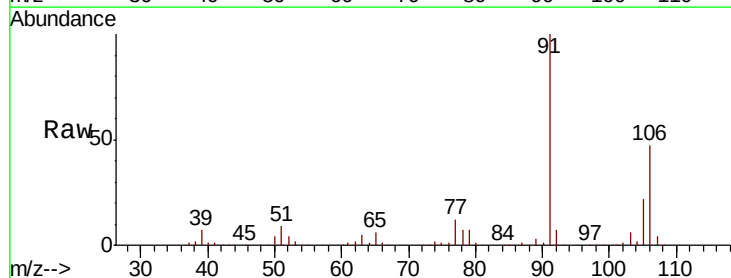
Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

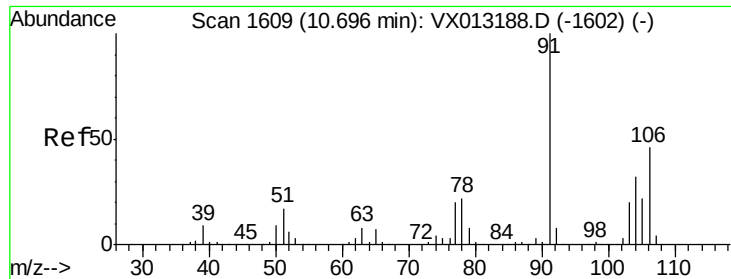
Tot Ion: 91 Resp: 153241
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 33.412 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion: 106 Resp: 115585
Ion Ratio Lower Upper
106 100
91 207.4 166.8 250.2

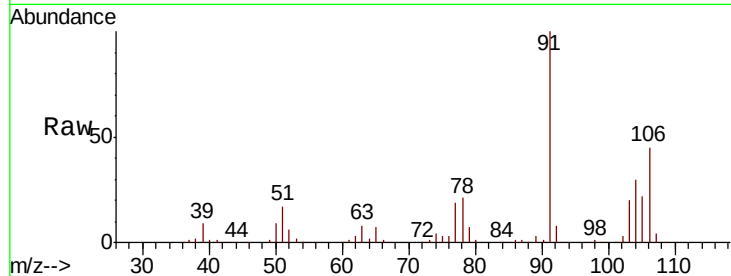




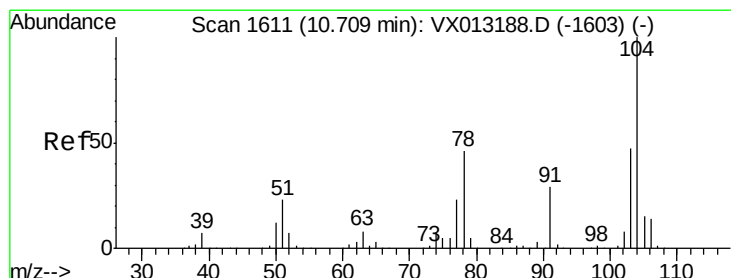
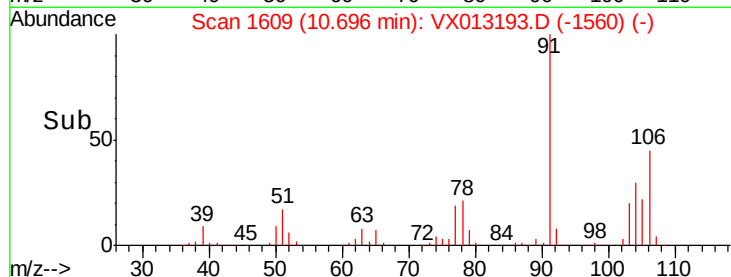
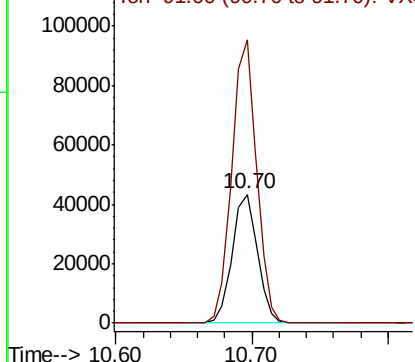
#69
o-Xylene
Concen: 16.969 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

Tot Ion:106 Resp: 56311
Ion Ratio Lower Upper
106 100
91 215.9 110.7 331.9

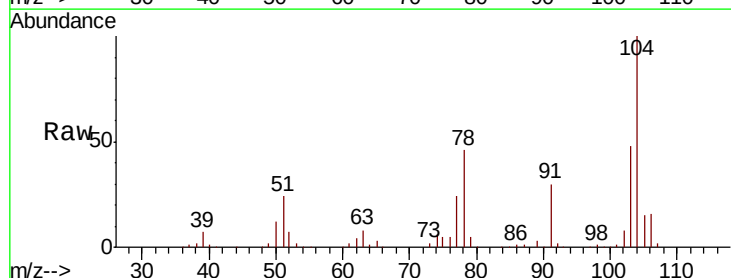


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

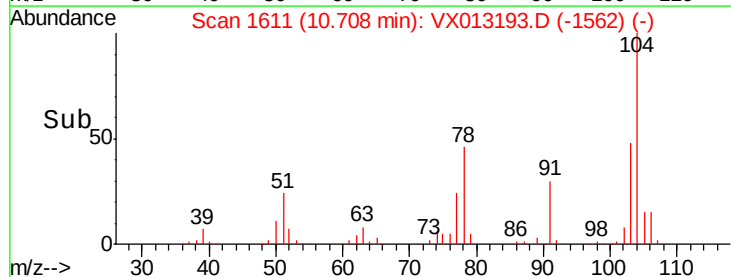
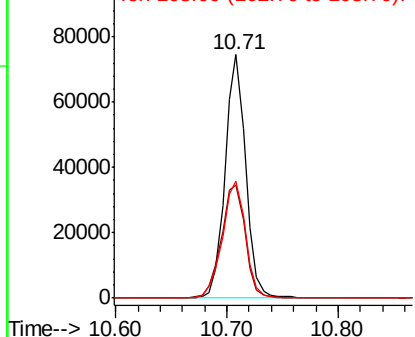


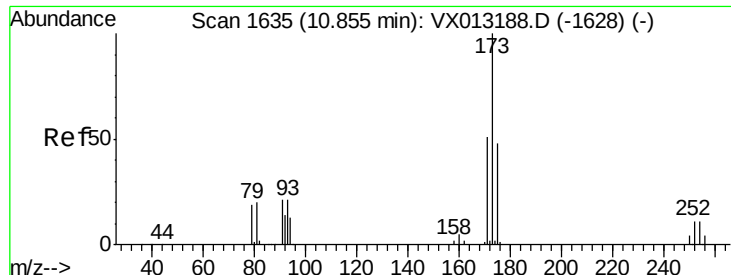
#70
Styrene
Concen: 16.605 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013193.D
Acq: 23 Oct 2019 17:45

Tgt Ion:104 Resp: 94884
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 54.3 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.792 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

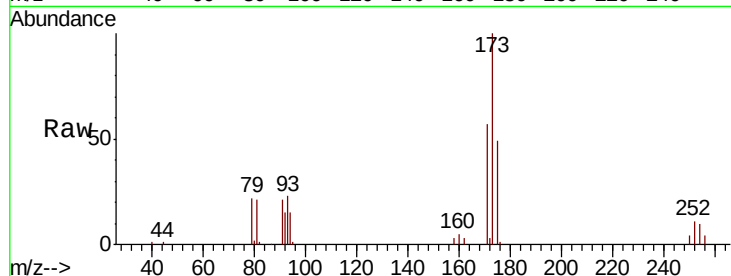
Tot Ion:173 Resp: 23175

Ion Ratio Lower Upper

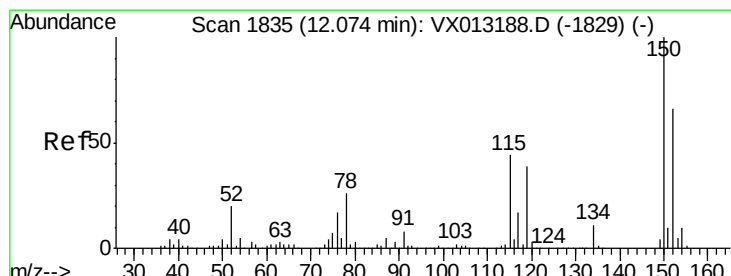
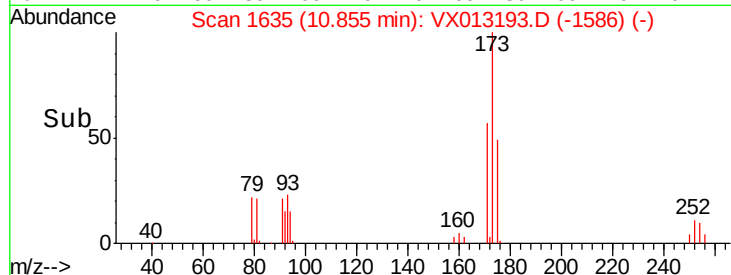
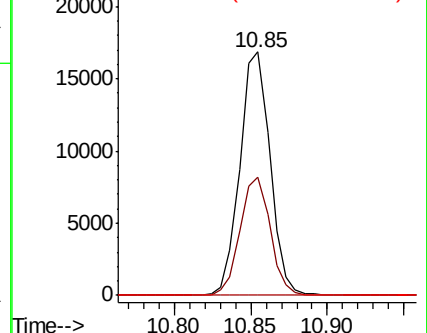
173 100

175 48.2 24.3 72.8

254 0.0 0.1 0.1#



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: VX013193.D

Acq: 23 Oct 2019 17:45

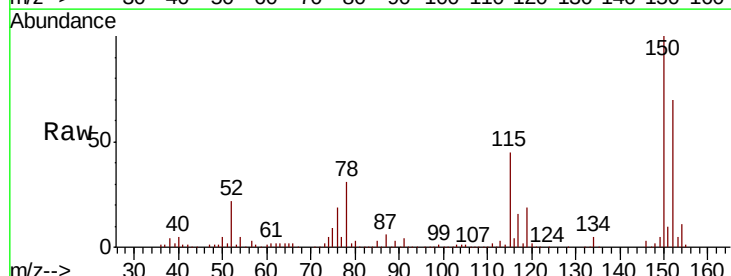
Tgt Ion:152 Resp: 97264

Ion Ratio Lower Upper

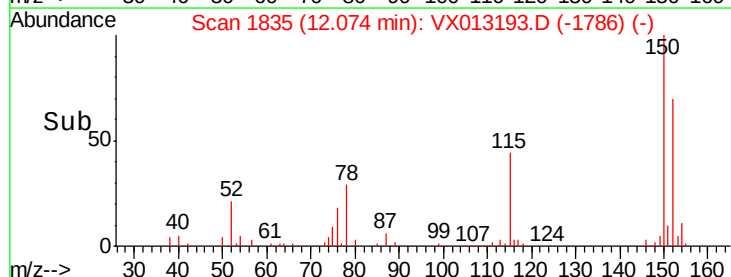
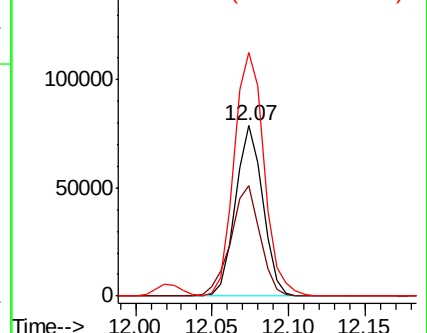
152 100

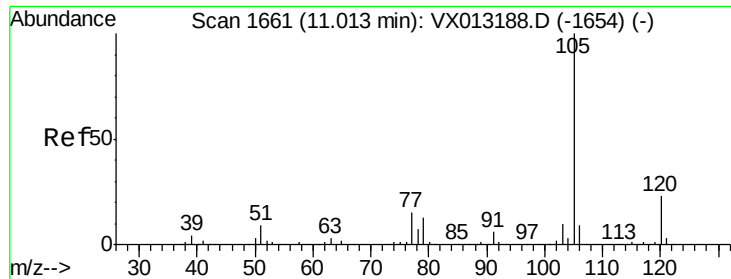
115 70.0 46.6 139.8

150 156.9 0.0 354.0



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: 16.931 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

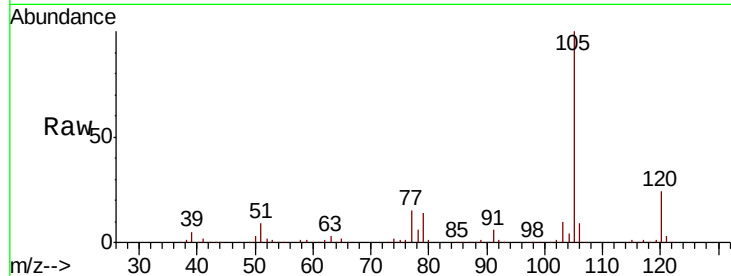
VX1024WBS01

Tot Ion:105 Resp: 149545

Ion Ratio Lower Upper

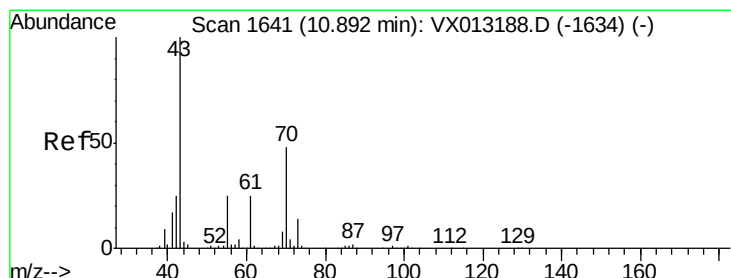
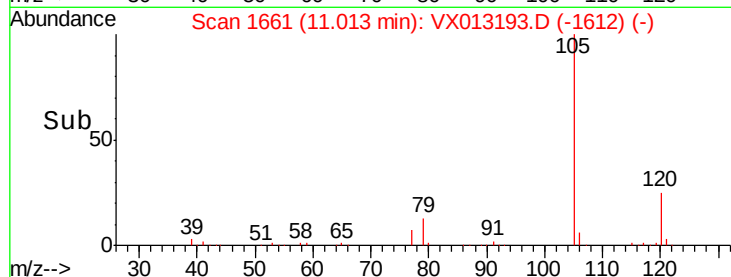
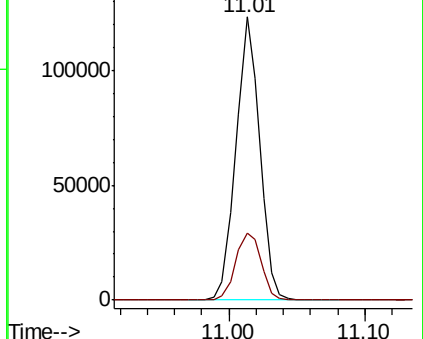
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.076 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Tgt Ion: 43 Resp: 55356

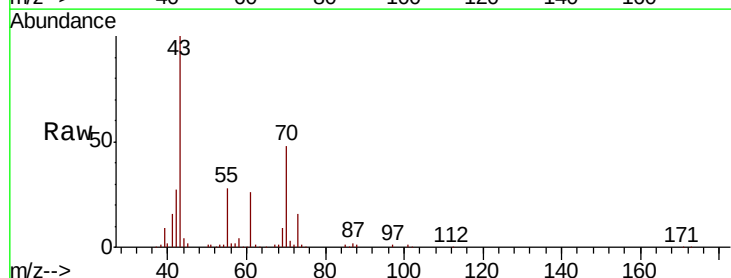
Ion Ratio Lower Upper

43 100

70 49.4 38.5 57.7

55 27.2 20.7 31.1

61 26.3 20.8 31.2

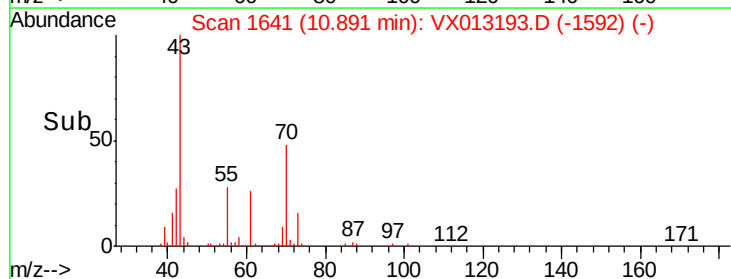
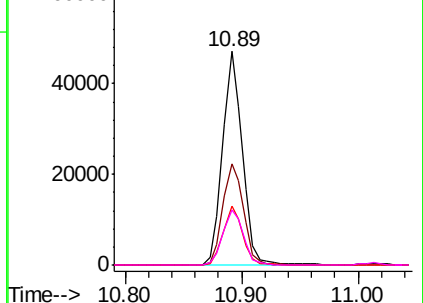


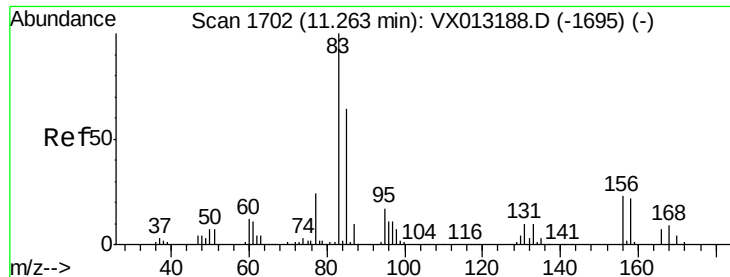
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.154 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

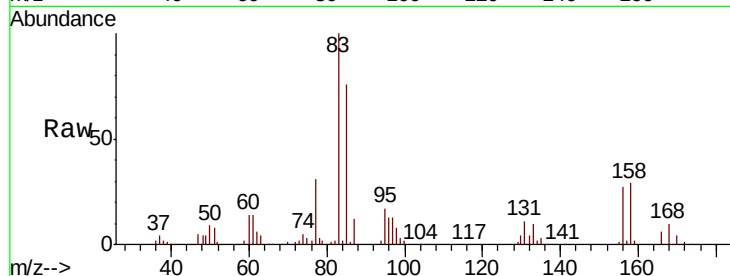
Tot Ion: 83 Resp: 46006

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

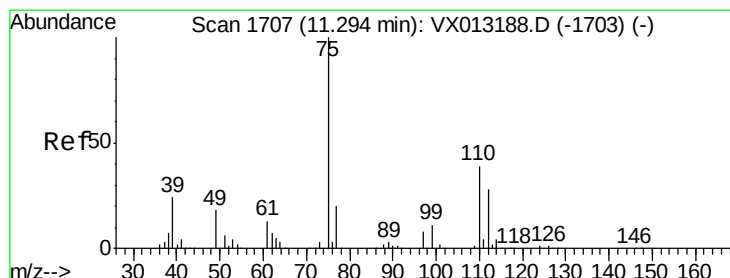
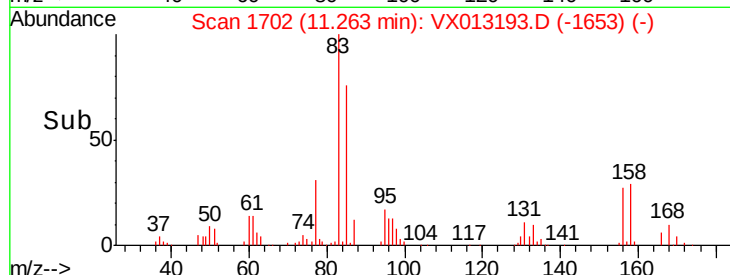
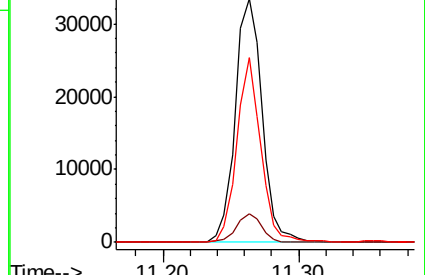
85 67.5 31.4 94.3



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: 22.721 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013193.D

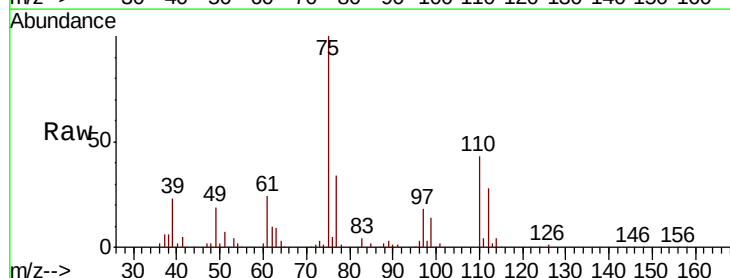
Acq: 23 Oct 2019 17:45

Tgt Ion: 75 Resp: 53264

Ion Ratio Lower Upper

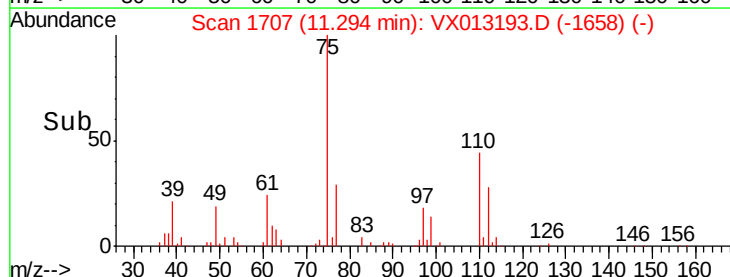
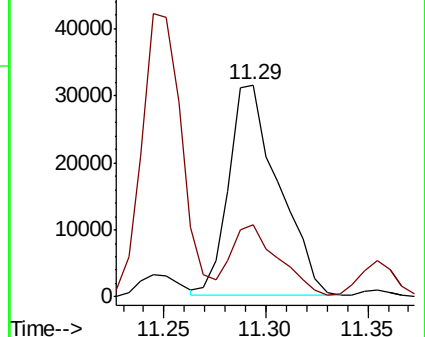
75 100

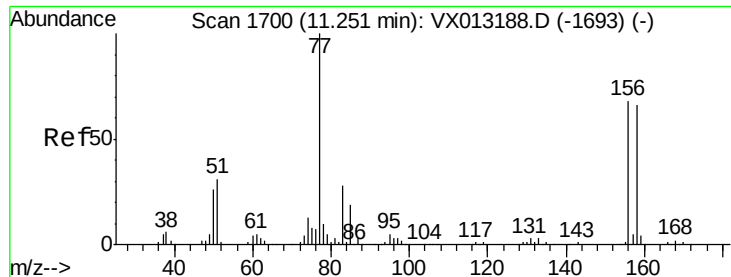
77 32.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.794 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

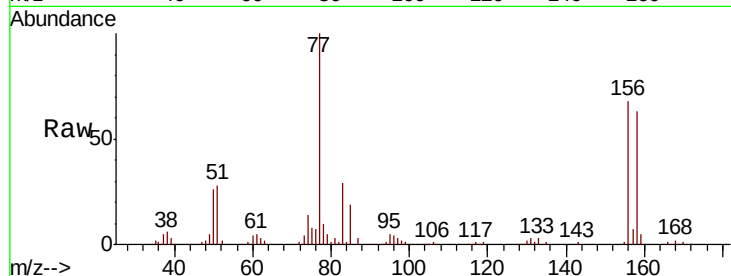
Tot Ion:156 Resp: 35551

Ion Ratio Lower Upper

156 100

77 162.2 81.7 245.1

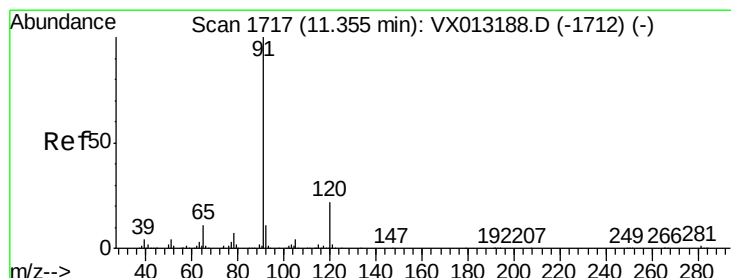
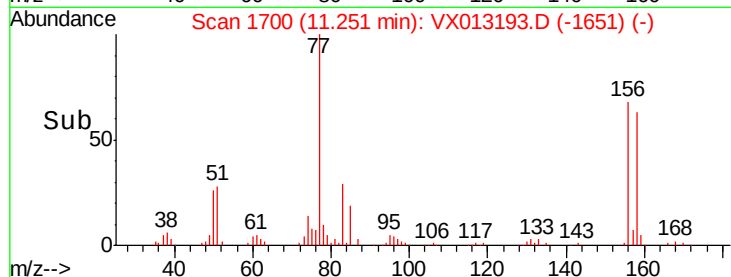
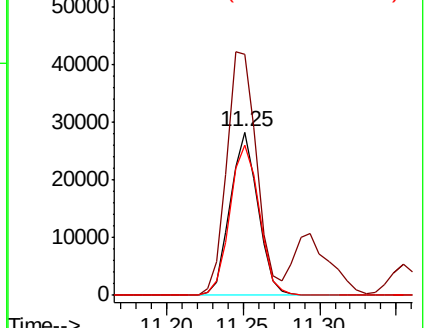
158 97.5 49.6 148.8



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: 17.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013193.D

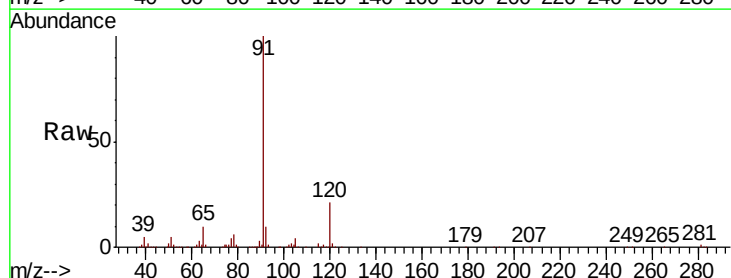
Acq: 23 Oct 2019 17:45

Tgt Ion: 91 Resp: 163281

Ion Ratio Lower Upper

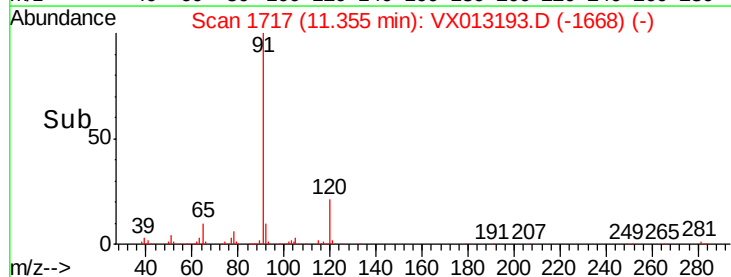
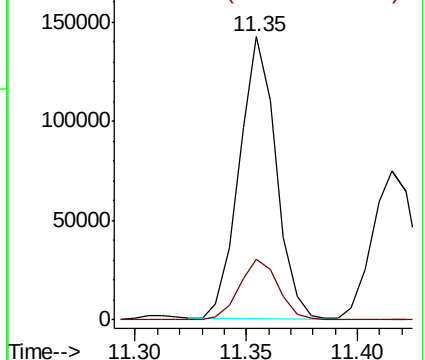
91 100

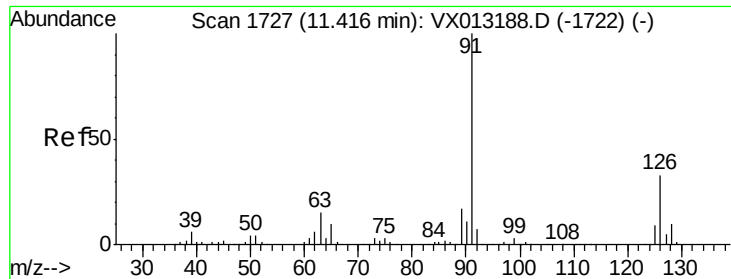
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

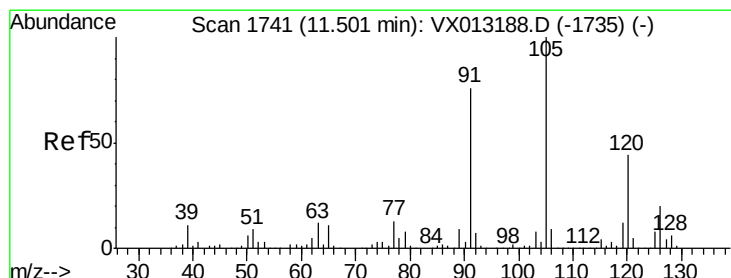
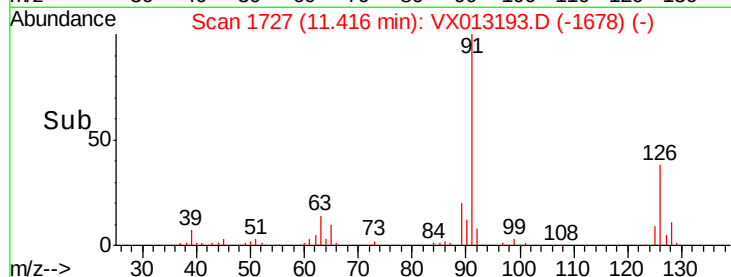
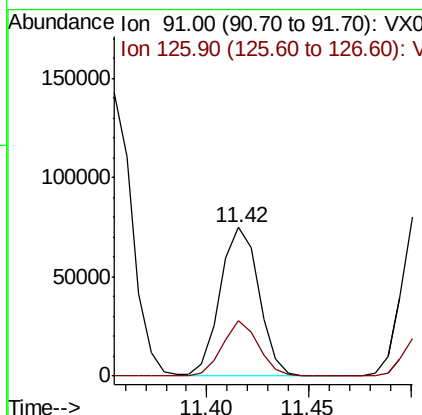
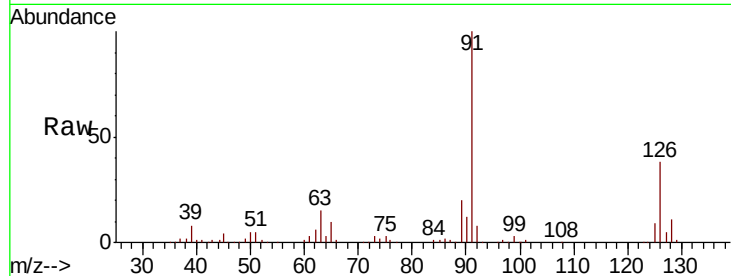




#79
 2-Chlorotoluene
 Concen: 16.176 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

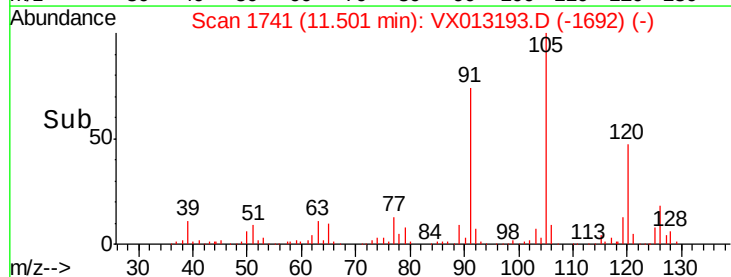
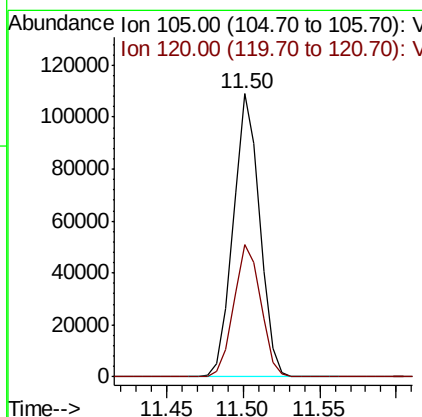
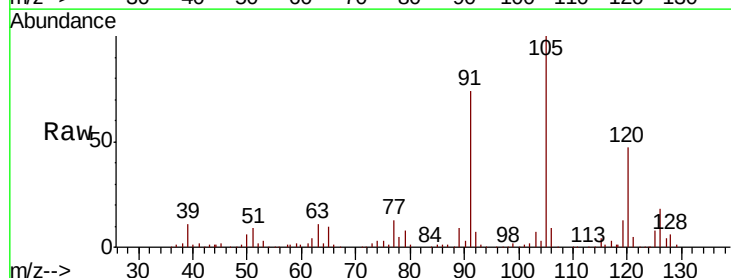
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

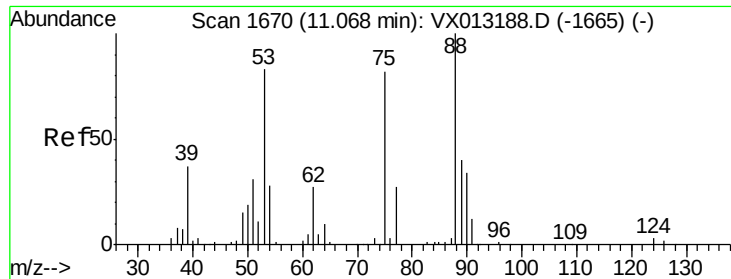
Tot Ion: 91 Resp: 98055
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 17.767 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 105 Resp: 130433
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.405 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

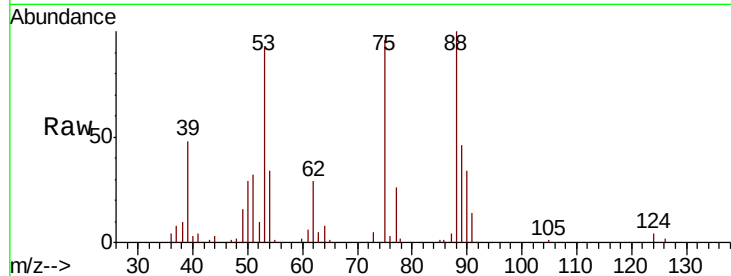
Tot Ion: 75 Resp: 14848

Ion Ratio Lower Upper

75 100

53 95.2 77.9 116.9

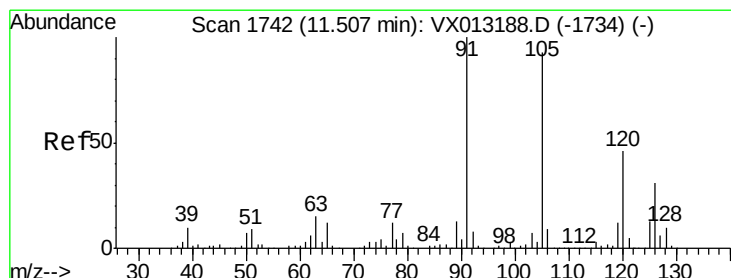
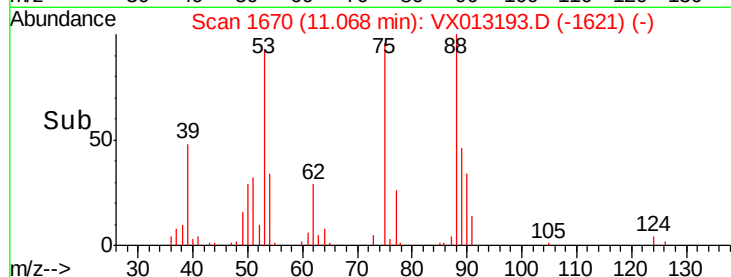
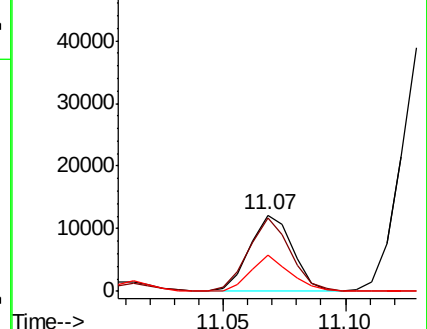
89 43.7 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.684 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013193.D

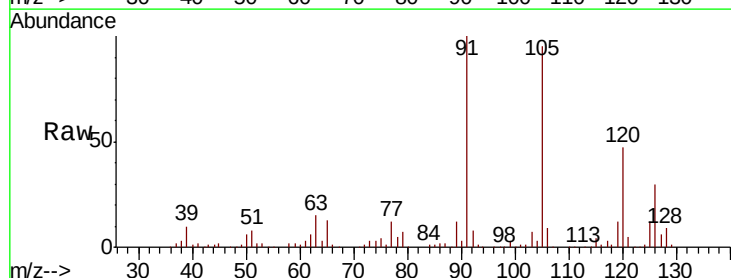
Acq: 23 Oct 2019 17:45

Tgt Ion: 91 Resp: 121463

Ion Ratio Lower Upper

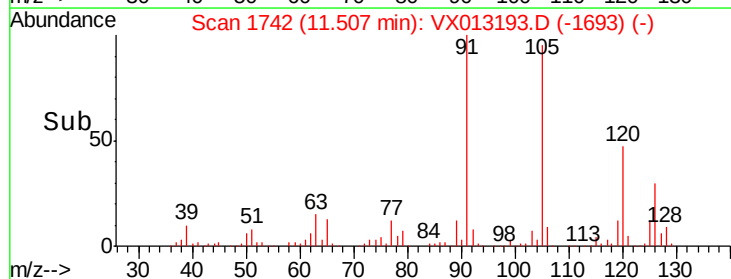
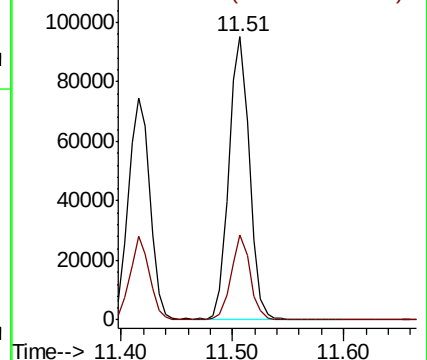
91 100

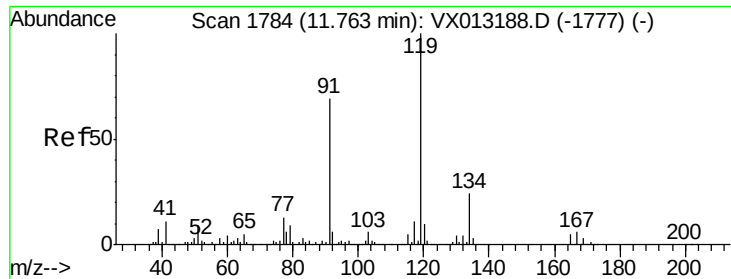
126 27.9 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

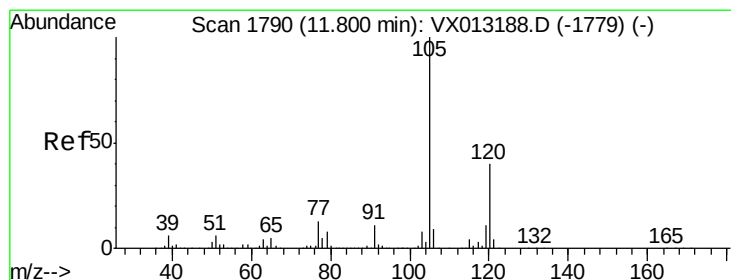
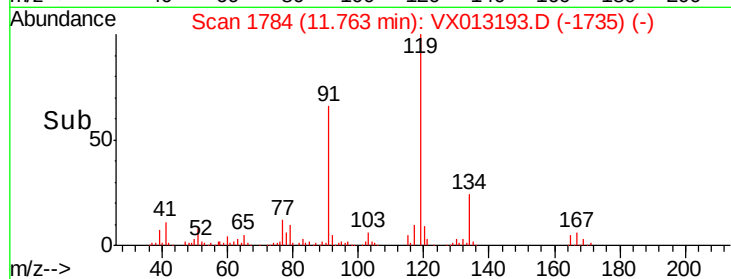
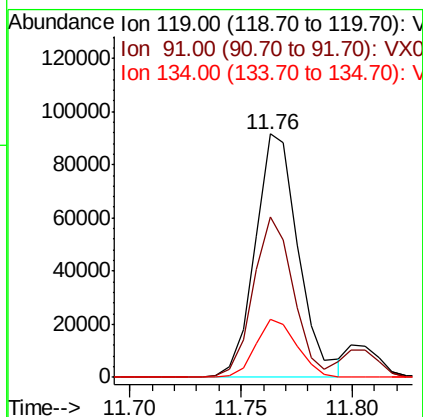
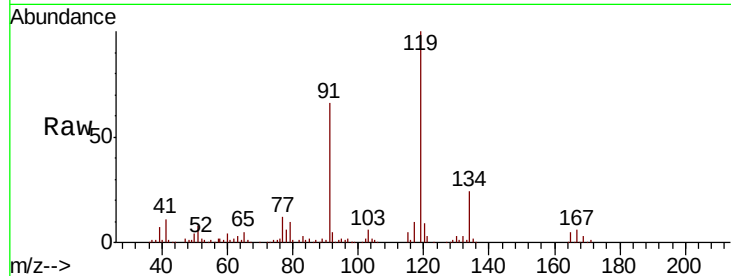




#83
 tert-Butylbenzene
 Concen: 16.992 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

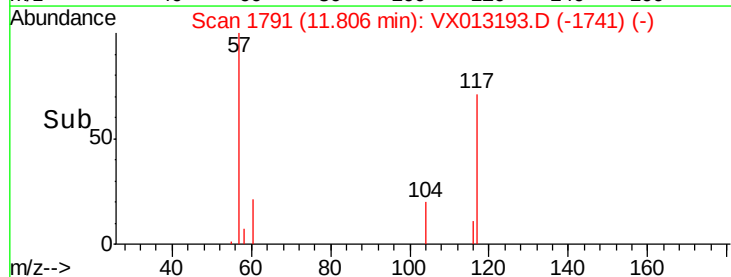
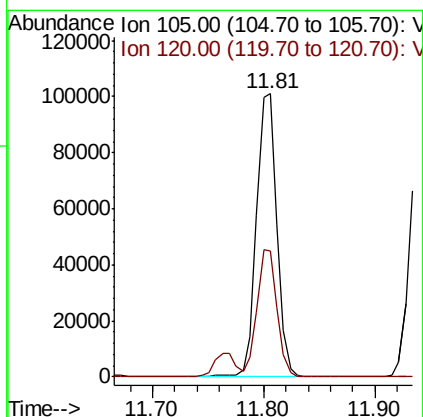
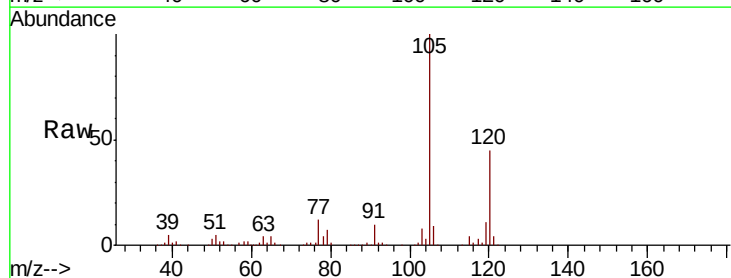
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

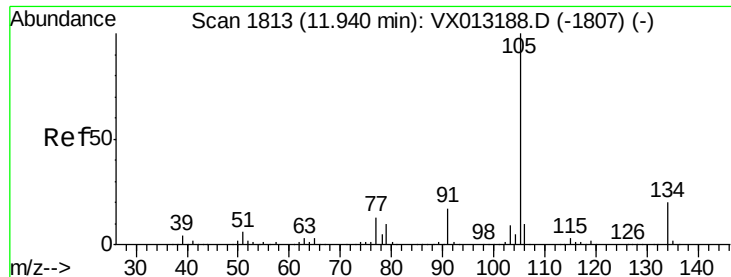
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.8	92.4
134	22.7	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.452 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.4	64.3

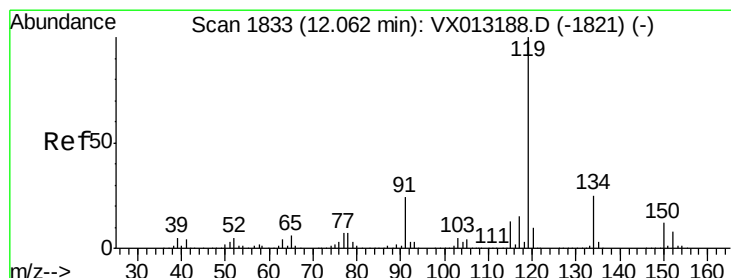
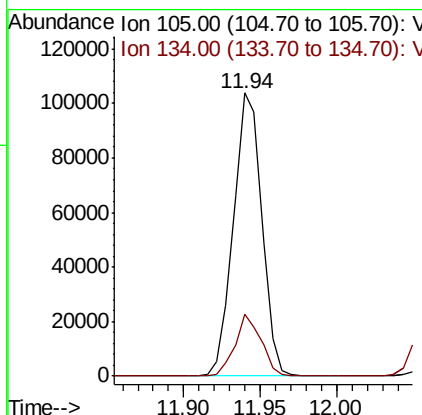
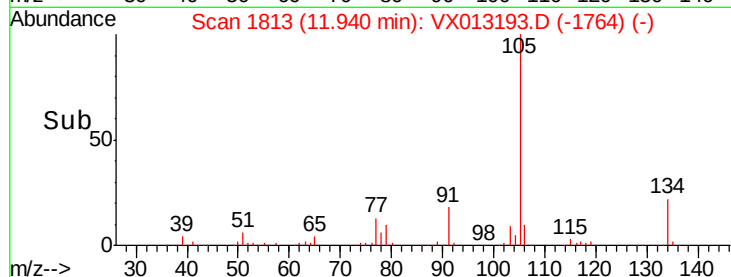
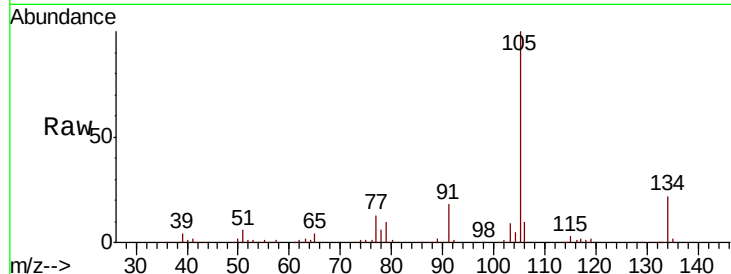




#85
 sec-Butylbenzene
 Concen: 16.131 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

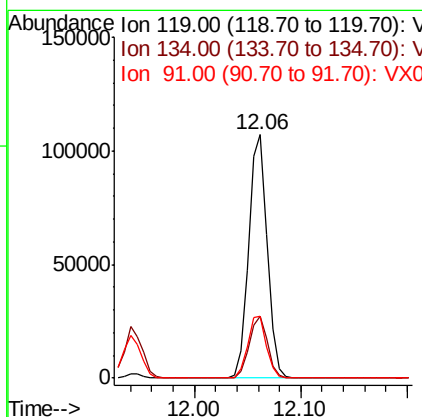
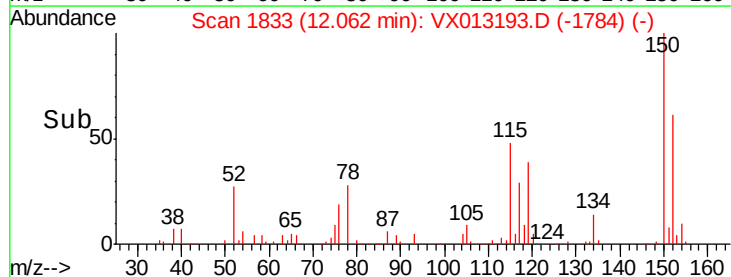
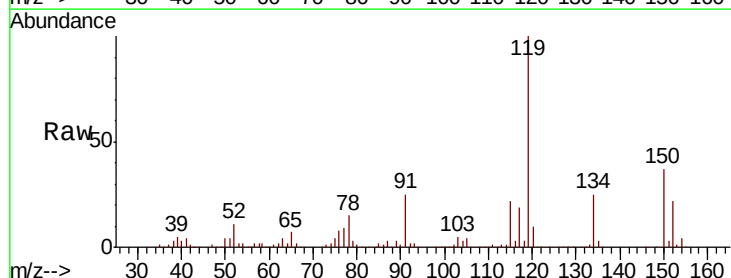
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

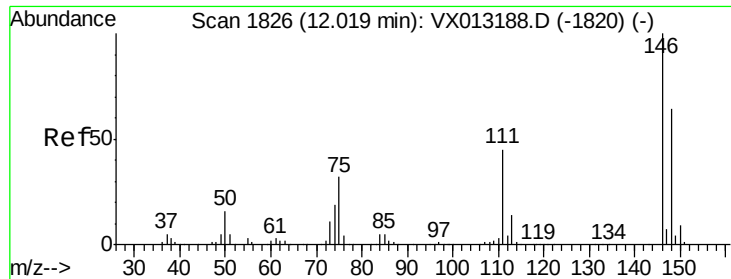
Tot Ion:105 Resp: 133331
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 16.853 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion:119 Resp: 130868
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 25.5 12.4 37.2

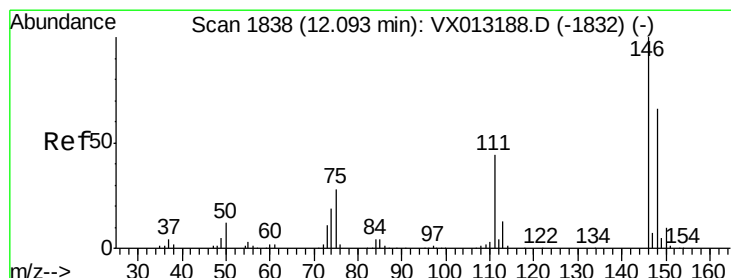
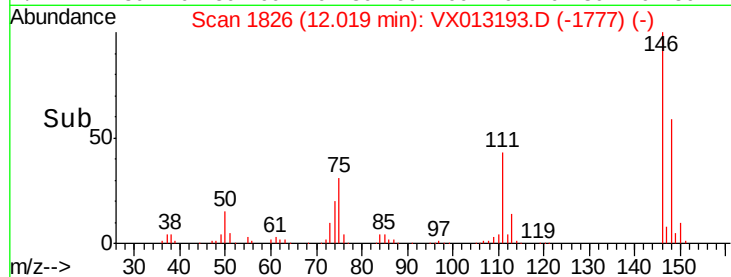
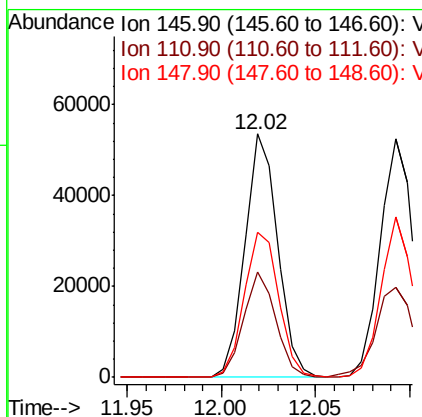
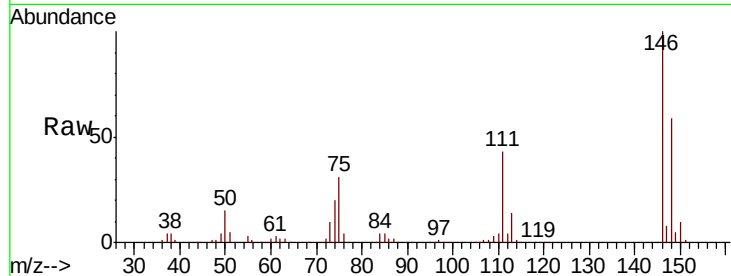




#87
 1,3-Dichlorobenzene
 Concen: 16.892 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

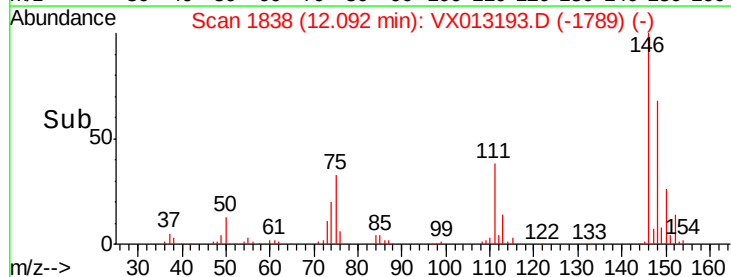
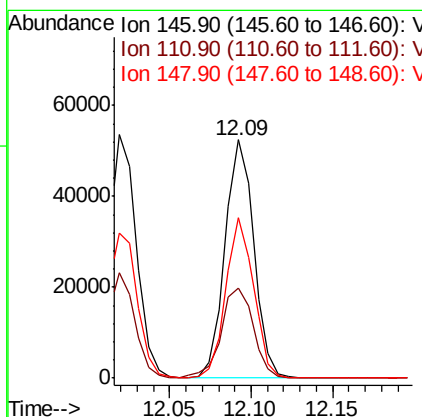
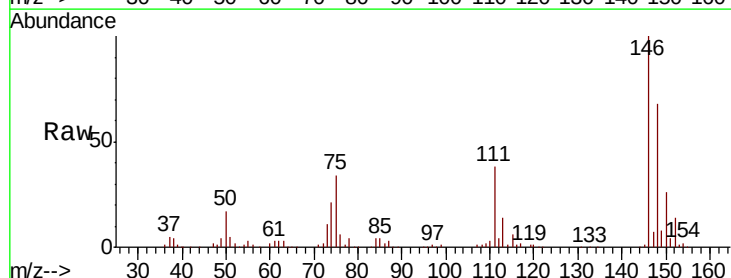
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

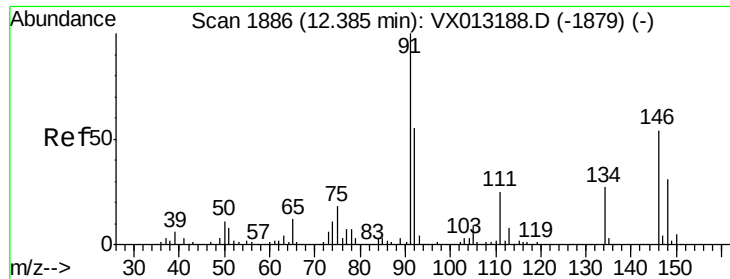
Tot Ion:146 Resp: 64601
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 63.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 16.572 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion:146 Resp: 64526
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 65.4 32.5 97.5





#89

n-Butylbenzene

Concen: 16.738 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

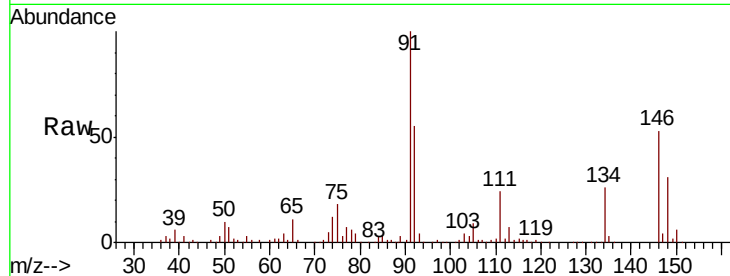
Tot Ion: 91 Resp: 106327

Ion Ratio Lower Upper

91 100

92 53.6 27.7 83.1

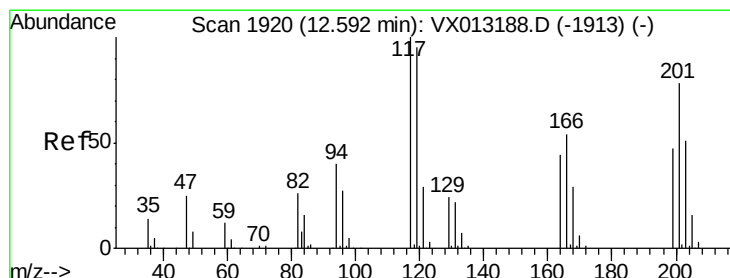
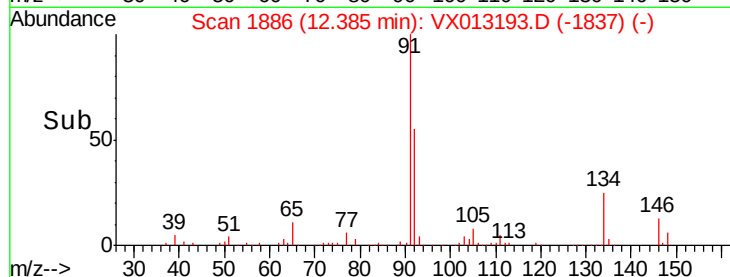
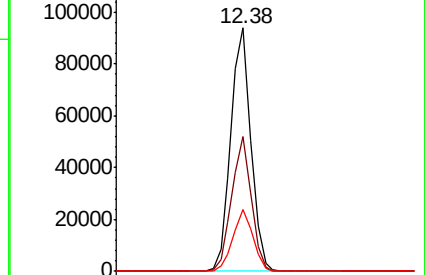
134 25.0 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013188.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013188.D (-1879) (-)



#90

Hexachloroethane

Concen: 17.302 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013193.D

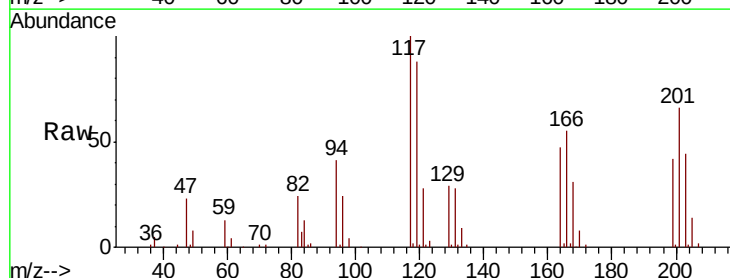
Acq: 23 Oct 2019 17:45

Tgt Ion: 117 Resp: 22500

Ion Ratio Lower Upper

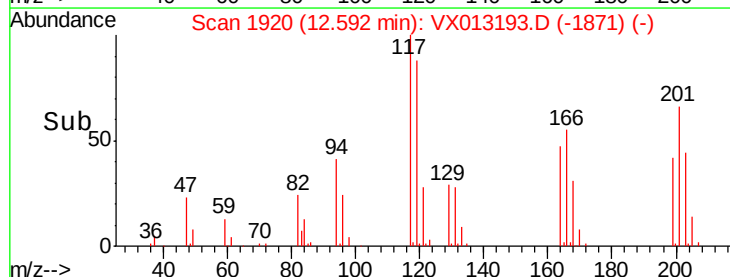
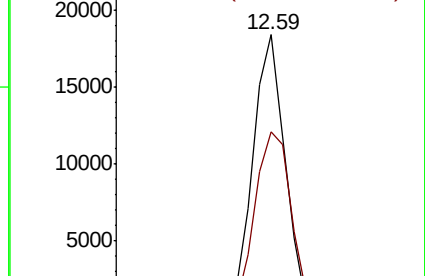
117 100

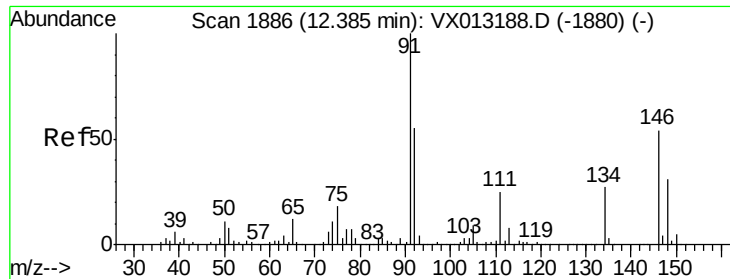
201 74.6 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): VX013188.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX013188.D (-1913) (-)

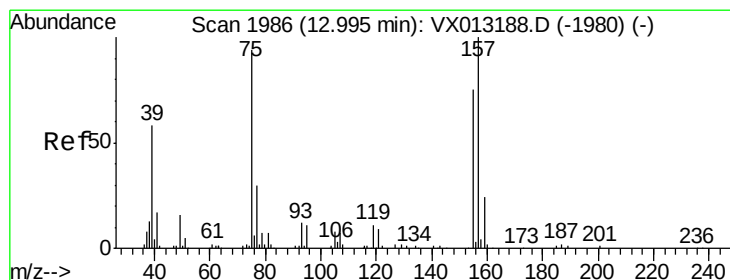
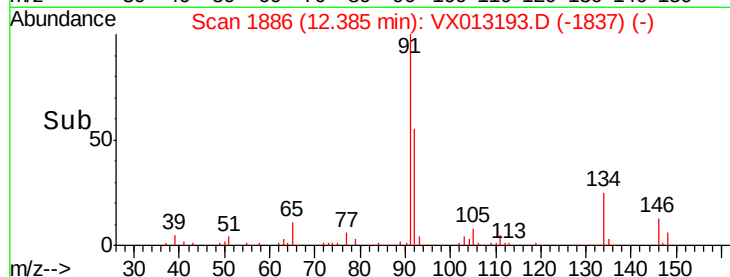
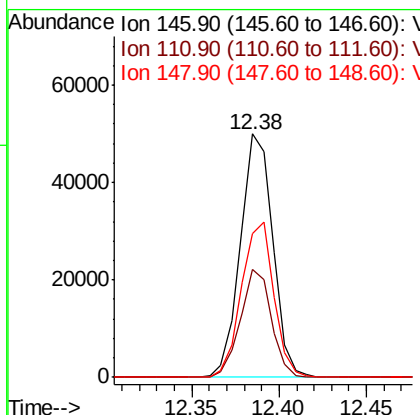
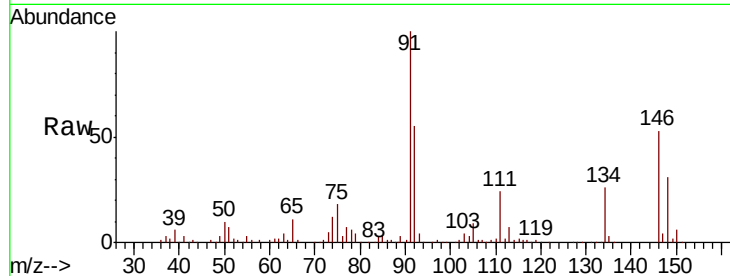




#91
 1,2-Dichlorobenzene
 Concen: 17.128 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

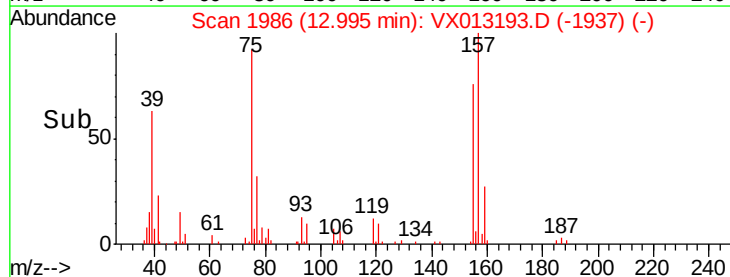
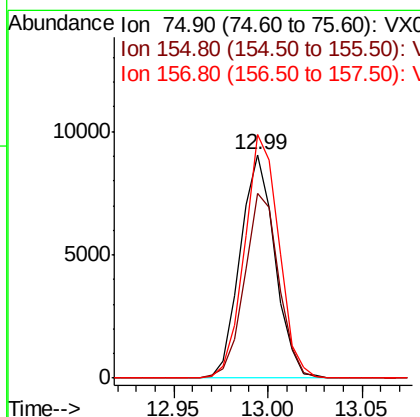
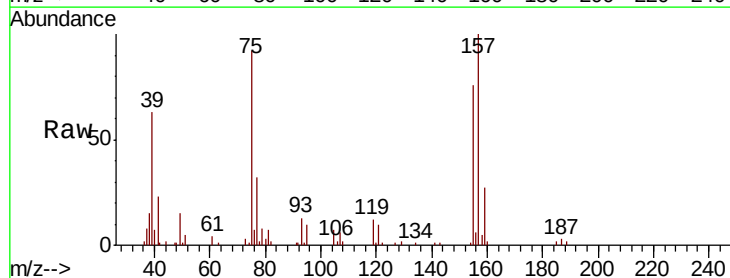
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

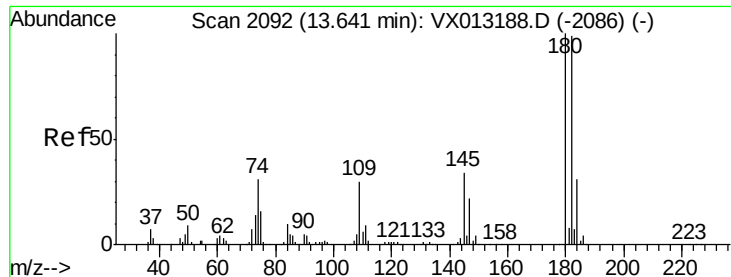
Tot Ion:146 Resp: 64413
 Ion Ratio Lower Upper
 146 100
 111 42.4 22.9 68.8
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.287 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion: 75 Resp: 11529
 Ion Ratio Lower Upper
 75 100
 155 82.2 42.8 128.4
 157 107.8 54.3 162.8

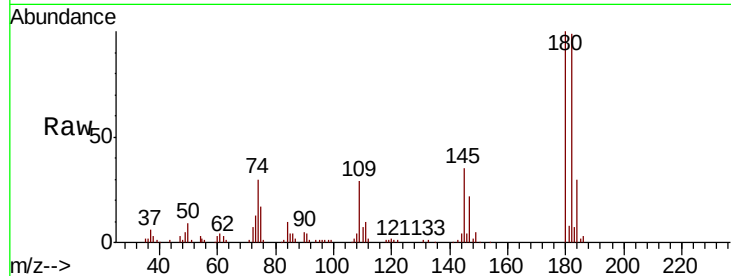




#93
 1,2,4-Trichlorobenzene
 Concen: 15.588 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	45.9	137.6
145	34.0	15.9	47.6

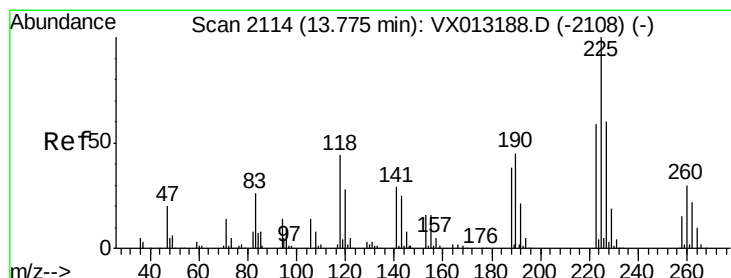
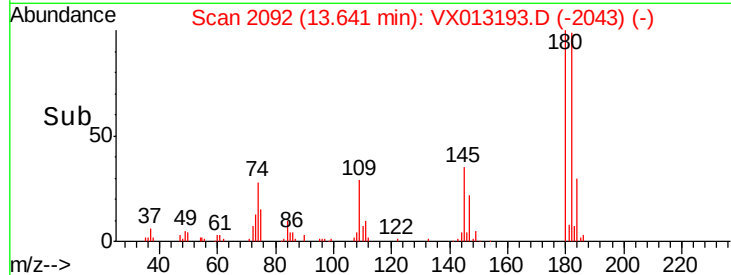
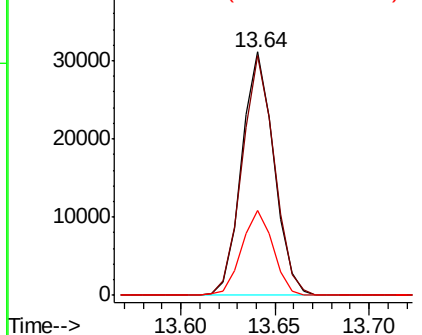


Abundance

Ion 179.80 (179.50 to 180.50): V

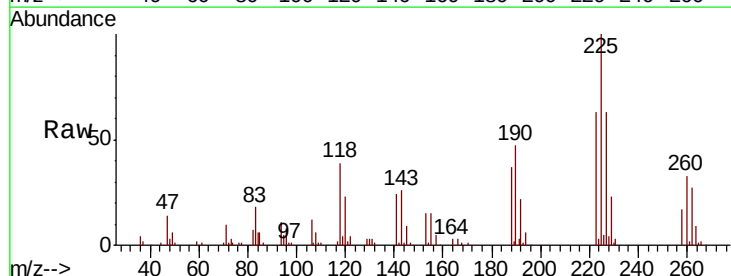
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 15.960 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013193.D
 Acq: 23 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.5
227	66.0	30.3	90.9

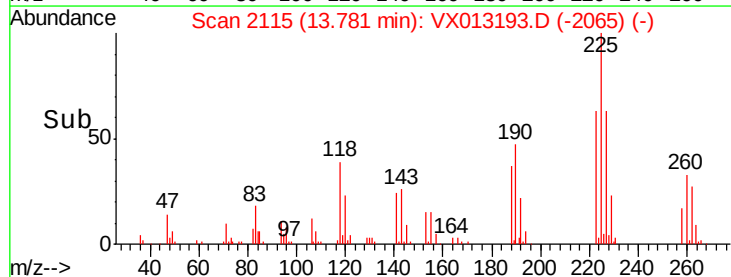
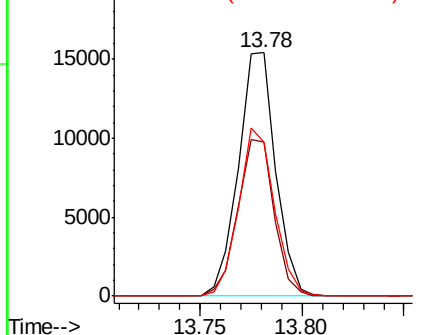


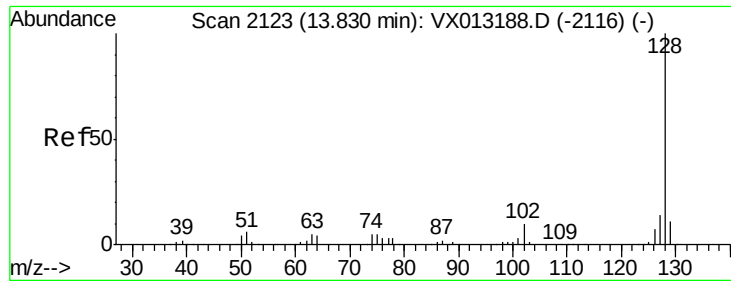
Abundance

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: 17.913 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

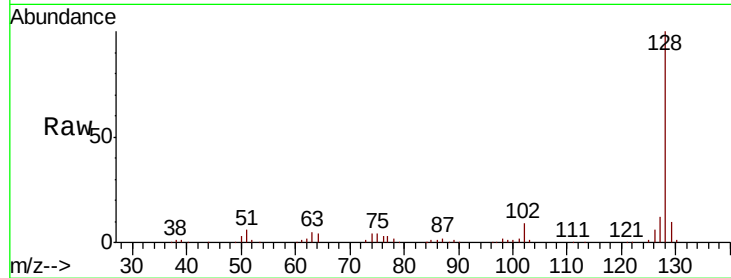
Tot Ion:128 Resp: 130186

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.8 8.6 13.0

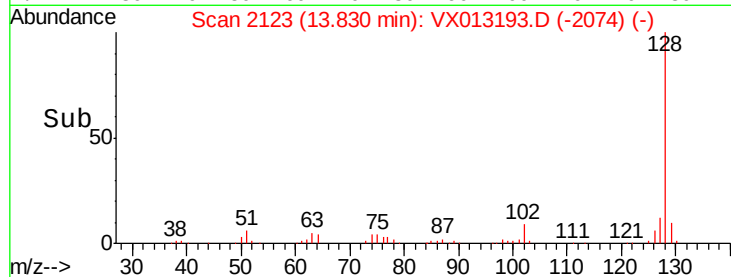


Abundance Ion 128.00 (127.70 to 128.70): V

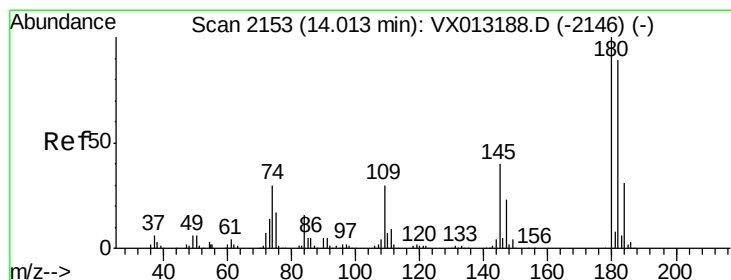
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 17.350 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013193.D

Acq: 23 Oct 2019 17:45

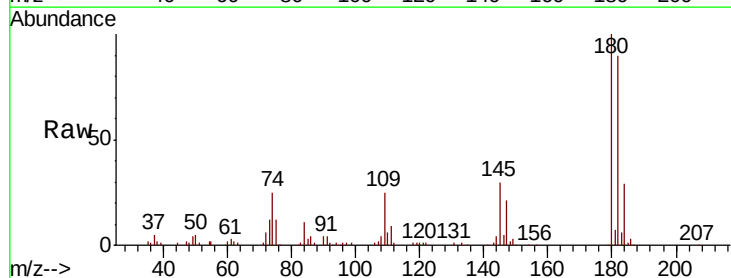
Tgt Ion:180 Resp: 40598

Ion Ratio Lower Upper

180 100

182 91.8 48.3 144.9

145 35.5 18.6 55.6

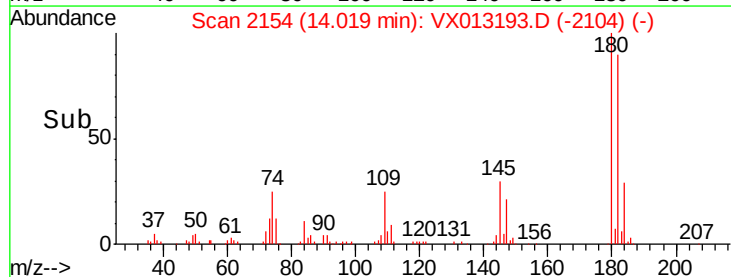


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->