

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013103.D
 Acq On : 17 Oct 2019 13:38
 Operator : JC/SP
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Quant Time: Oct 18 08:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102720	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	81667	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	8.71	98	304487	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	115436	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	28268	17.141	ug/l	99
3) Chloromethane	1.32	50	30263	16.862	ug/l	97
4) Vinyl Chloride	1.40	62	30464	16.445	ug/l	98
5) Bromomethane	1.63	94	15792	20.507	ug/l	98
6) Chloroethane	1.72	64	20477	18.331	ug/l	98
7) Trichlorofluoromethane	1.92	101	47940	19.173	ug/l	99
8) Diethyl Ether	2.18	74	19167	18.992	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31654	19.561	ug/l	99
10) Methyl Iodide	2.50	142	29591	19.582	ug/l	98
11) Tert butyl alcohol	3.03	59	47522	88.651	ug/l	100
12) 1,1-Dichloroethene	2.36	96	29816	18.236	ug/l	97
13) Acrolein	2.28	56	36304	95.298	ug/l	99
14) Allyl chloride	2.72	41	52117	17.899	ug/l	98
15) Acrylonitrile	3.13	53	100701	99.128	ug/l	99
16) Acetone	2.44	43	102421	96.090	ug/l	99
17) Carbon Disulfide	2.56	76	68545	14.703	ug/l	100
18) Methyl Acetate	2.76	43	49033	19.408	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	114654	20.307	ug/l	96
20) Methylene Chloride	2.85	84	36553	18.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32543	18.571	ug/l	96
22) Diisopropyl ether	3.84	45	107973	19.352	ug/l #	88
23) Vinyl Acetate	3.80	43	461068	95.728	ug/l	100
24) 1,1-Dichloroethane	3.69	63	61240	19.511	ug/l	98
25) 2-Butanone	4.65	43	141402	95.622	ug/l	99
26) 2,2-Dichloropropane	4.57	77	51938	19.678	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	38623	19.121	ug/l	99
28) Bromochloromethane	5.00	49	19324	20.335	ug/l	92
29) Tetrahydrofuran	5.12	42	86736	95.316	ug/l	97
30) Chloroform	5.20	83	64471	20.018	ug/l	98
31) Cyclohexane	5.57	56	52236	17.798	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	54918	20.125	ug/l	99
36) 1,1-Dichloropropene	5.79	75	43802	18.805	ug/l	97
37) Ethyl Acetate	4.82	43	50101	19.236	ug/l	99
38) Carbon Tetrachloride	5.77	117	44932	19.819	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54541	19.308	ug/l	99
40) Benzene	6.13	78	138859	20.184	ug/l	98
41) Methacrylonitrile	5.03	41	29345	20.504	ug/l	98
42) 1,2-Dichloroethane	6.18	62	51723	20.953	ug/l	99
43) Isopropyl Acetate	6.43	43	83334	19.934	ug/l	99
44) Trichloroethene	7.20	130	36268	19.011	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35724	20.375	ug/l	98
46) Dibromomethane	7.65	93	24142	20.666	ug/l	98
47) Bromodichloromethane	7.89	83	46901	20.573	ug/l	98
48) Methyl methacrylate	7.76	41	39566	19.422	ug/l	98
49) 1,4-Dioxane	7.73	88	20259	392.663	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	264313	101.410	ug/l	99
52) Toluene	8.78	92	87577	19.898	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50157	19.034	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	56389	20.111	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36447	20.926	ug/l	91
56) Ethyl methacrylate	9.17	69	57423	19.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61425	20.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	131364	102.666	ug/l	99
59) 2-Hexanone	9.48	43	204008	100.551	ug/l	100
60) Dibromochloromethane	9.57	129	35899	19.690	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38463	20.992	ug/l	100
64) Tetrachloroethene	9.33	164	34576	20.909	ug/l	95
65) Chlorobenzene	10.14	112	94703	20.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35030	21.339	ug/l	100
67) Ethyl Benzene	10.25	91	165946	19.732	ug/l	98
68) m/p-Xylenes	10.35	106	126718	40.334	ug/l	99
69) o-Xylene	10.70	106	61670	20.129	ug/l	99
70) Styrene	10.71	104	105964	20.345	ug/l	99
71) Bromoform	10.85	173	23859	19.125	ug/l #	99
73) Isopropylbenzene	11.01	105	164798	19.591	ug/l	99
74) N-amyl acetate	10.89	43	67754	18.702	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	56011	20.019	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	61751	24.333	ug/l	80
77) Bromobenzene	11.25	156	38671	19.508	ug/l	99
78) n-propylbenzene	11.35	91	184852	19.970	ug/l	99
79) 2-Chlorotoluene	11.42	91	115814	19.909	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	139199	19.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15641	18.639	ug/l	94
82) 4-Chlorotoluene	11.51	91	130055	19.505	ug/l	98
83) tert-Butylbenzene	11.76	119	135205	19.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	138633	19.488	ug/l	98
85) sec-Butylbenzene	11.94	105	157324	19.819	ug/l	100
86) p-Isopropyltoluene	12.06	119	145751	19.797	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70190	19.068	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	72572	19.466	ug/l	99
89) n-Butylbenzene	12.39	91	120046	19.401	ug/l	99
90) Hexachloroethane	12.59	117	23073	18.322	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	71961	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12581	19.185	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

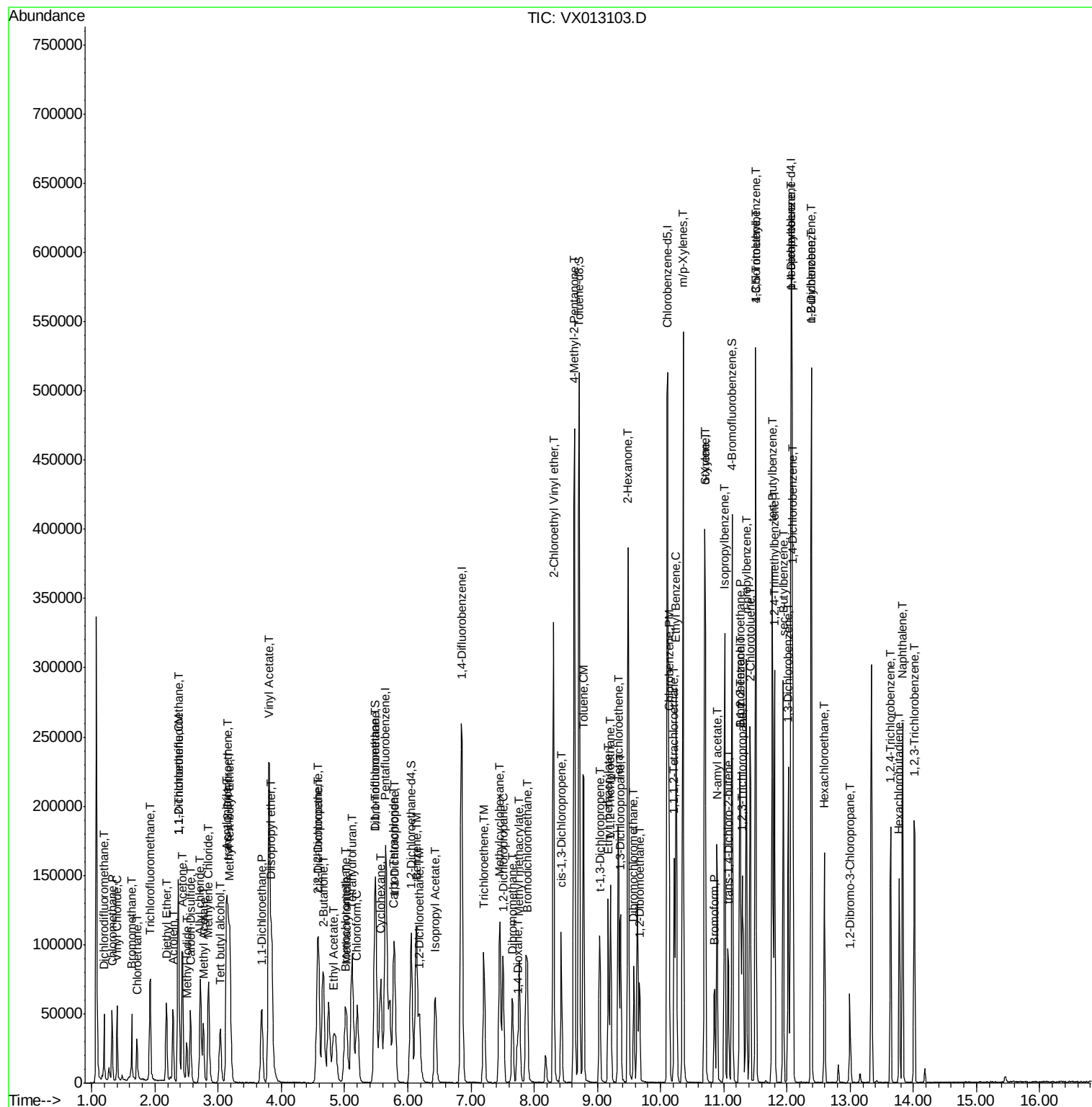
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42928	18.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	21464	20.573	ug/l	97
95) Naphthalene	13.83	128	153493	19.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44380	18.997	ug/l	99

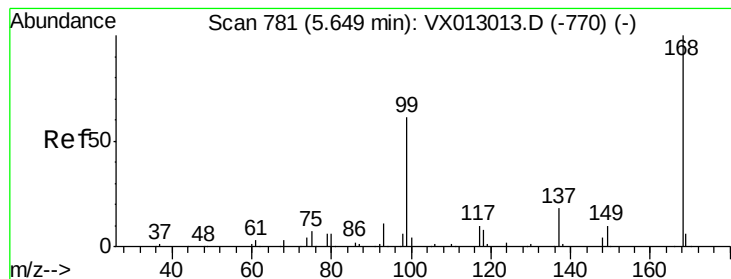
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

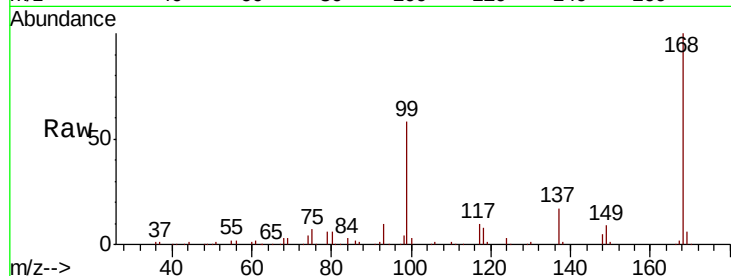
VX1017WBS01

Tot Ion:168 Resp: 161790

Ion Ratio Lower Upper

168 100

99 58.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

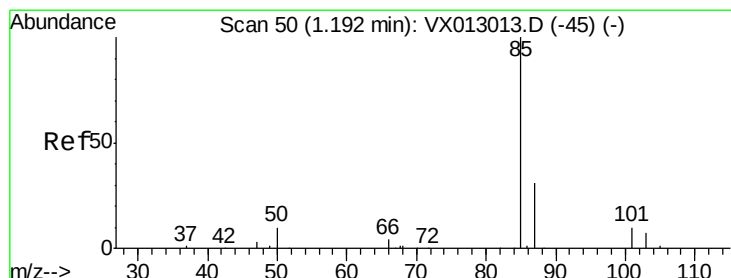
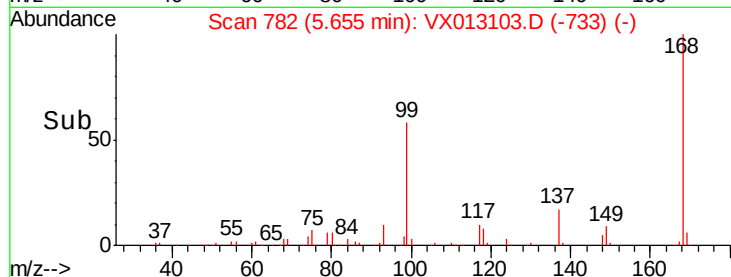
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.141 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013103.D

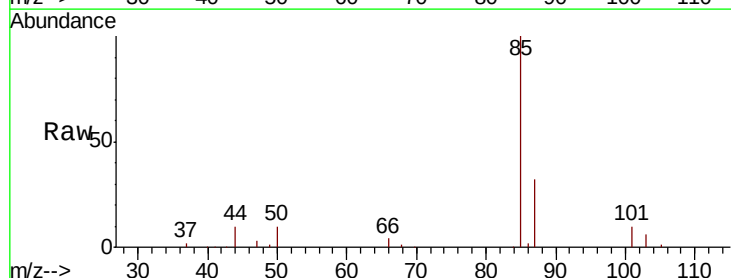
Acq: 17 Oct 2019 13:38

Tgt Ion: 85 Resp: 28268

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

15000

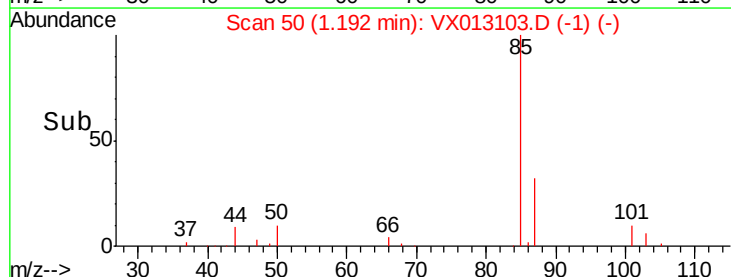
10000

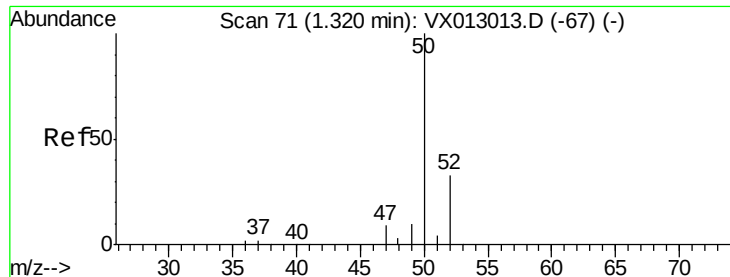
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.862 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

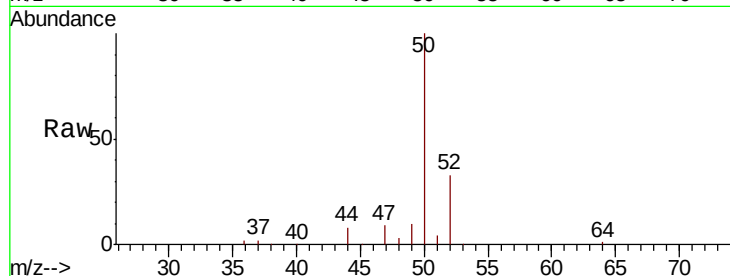
VX1017WBS01

Tot Ion: 50 Resp: 30263

Ion Ratio Lower Upper

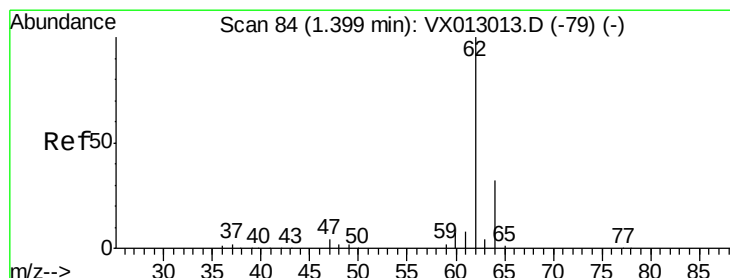
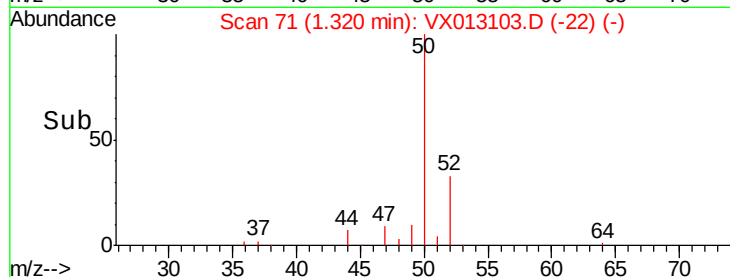
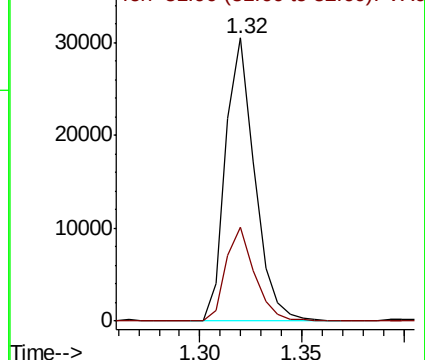
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.445 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013103.D

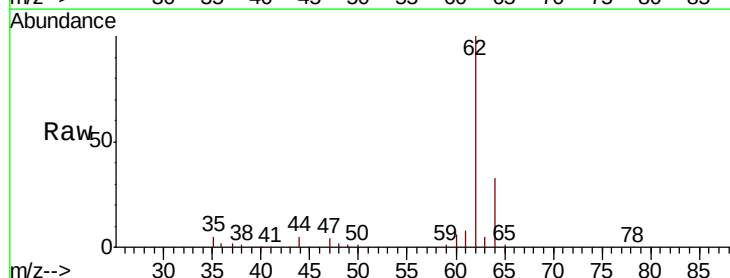
Acq: 17 Oct 2019 13:38

Tgt Ion: 62 Resp: 30464

Ion Ratio Lower Upper

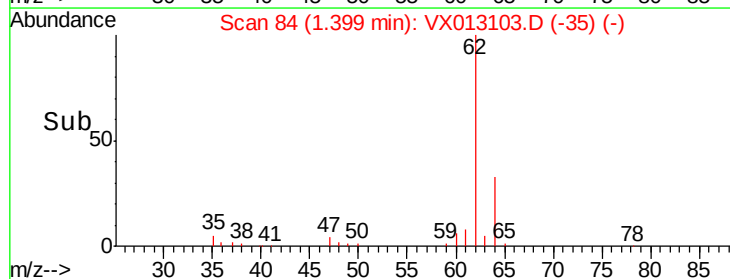
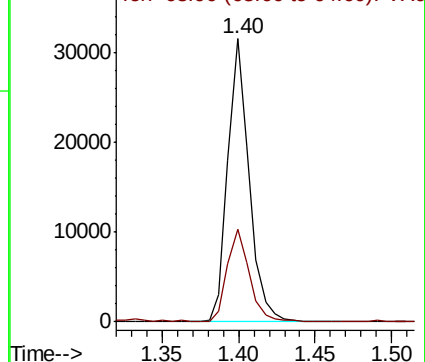
62 100

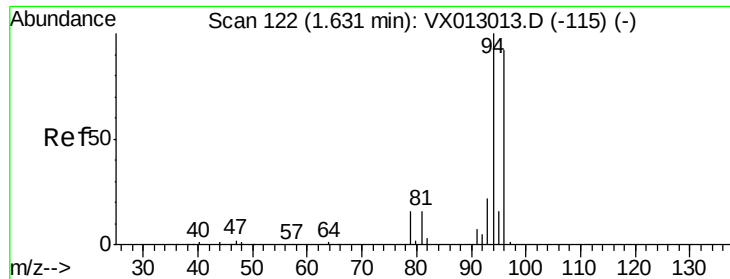
64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.507 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

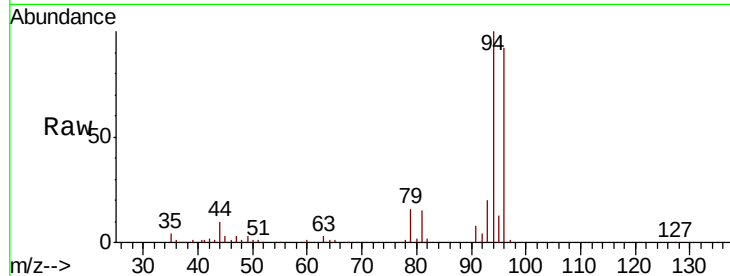
VX1017WBS01

Tot Ion: 94 Resp: 15792

Ion Ratio Lower Upper

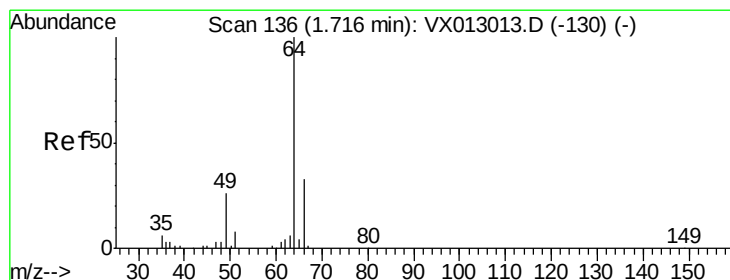
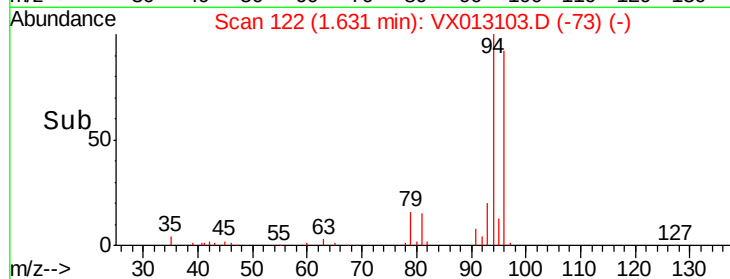
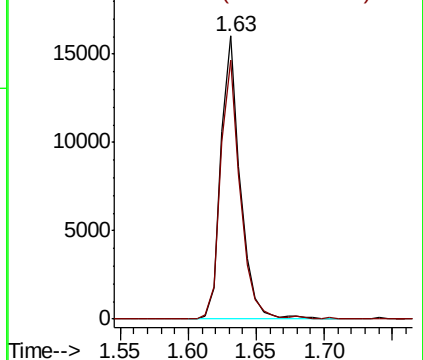
94 100

96 91.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.331 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013103.D

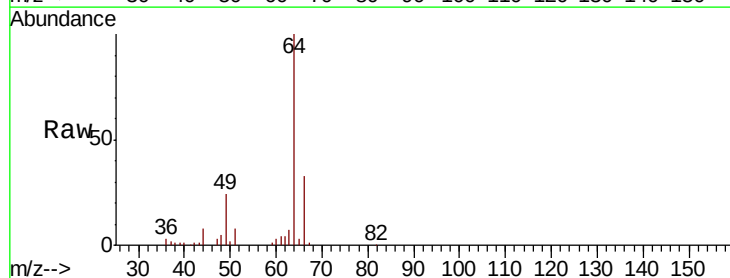
Acq: 17 Oct 2019 13:38

Tgt Ion: 64 Resp: 20477

Ion Ratio Lower Upper

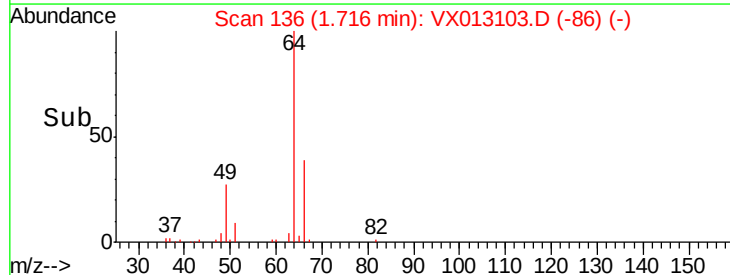
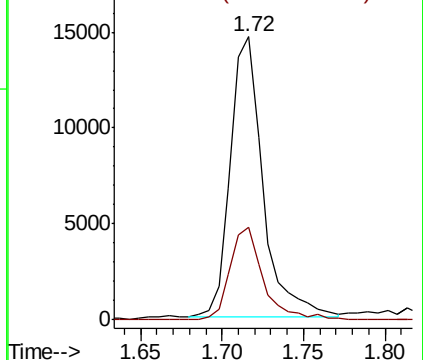
64 100

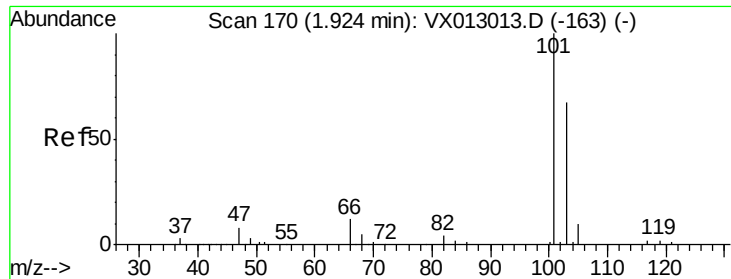
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



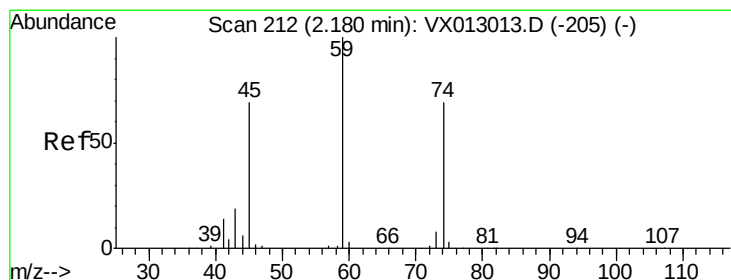
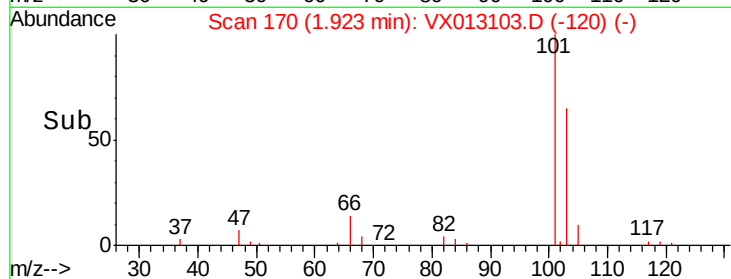
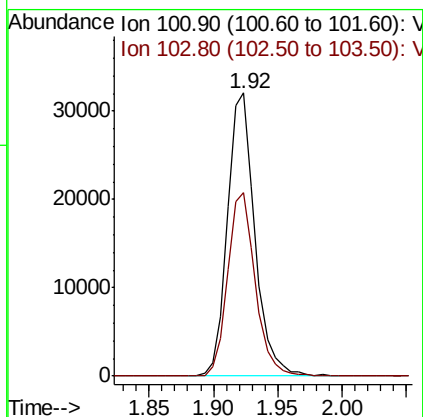
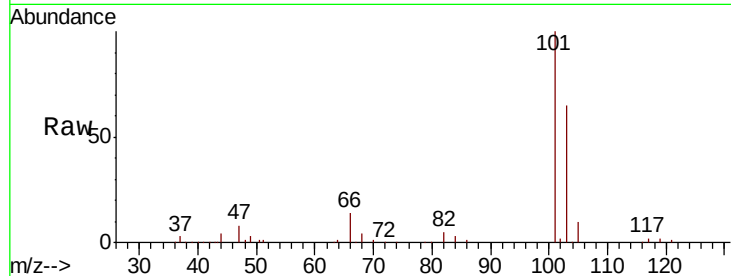


#7

Trichlorofluoromethane
Concen: 19.173 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

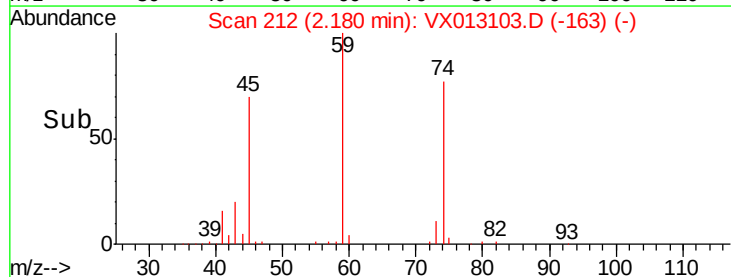
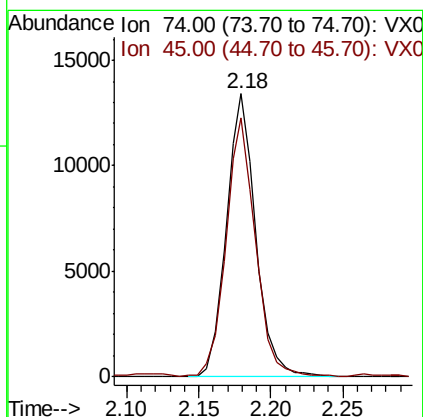
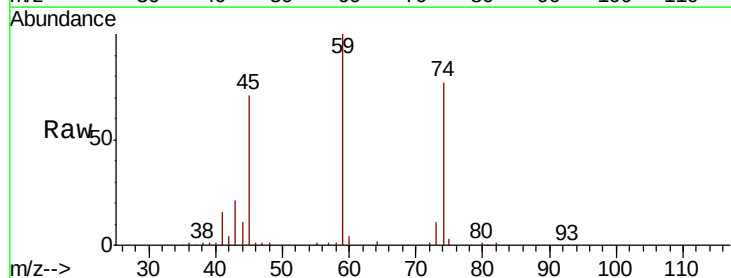
Tot Ion:101 Resp: 47940
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

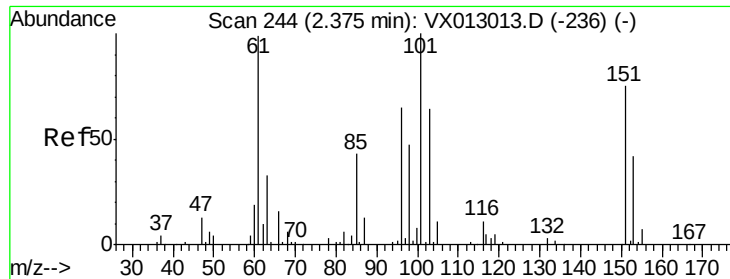


#8

Diethyl Ether
Concen: 18.992 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 74 Resp: 19167
Ion Ratio Lower Upper
74 100
45 92.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.561 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

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ClientSampleId :

VX1017WBS01

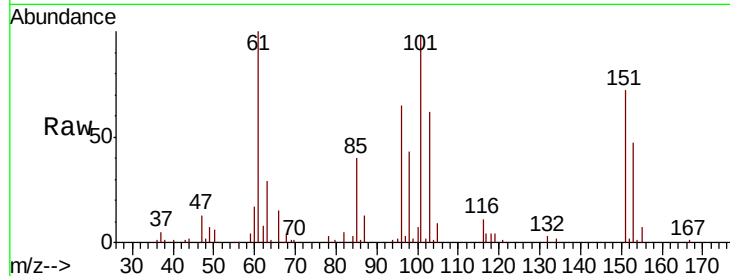
Tot Ion:101 Resp: 31654

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

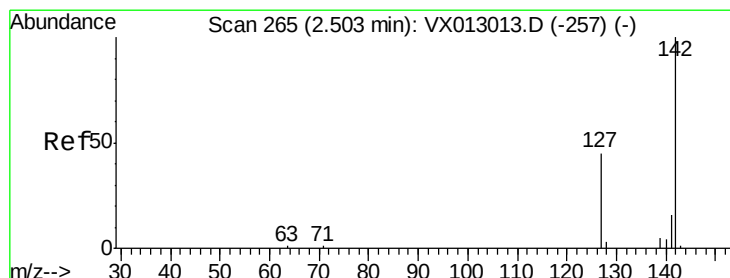
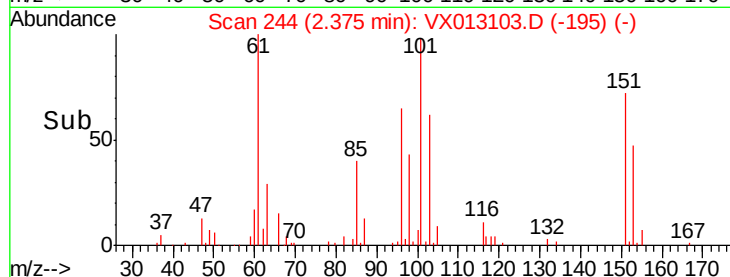
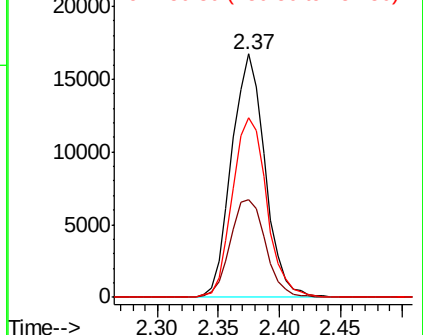
151 75.9 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.582 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

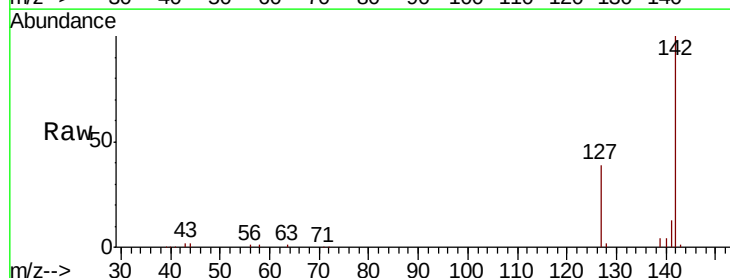
Tgt Ion:142 Resp: 29591

Ion Ratio Lower Upper

142 100

127 42.2 34.9 52.3

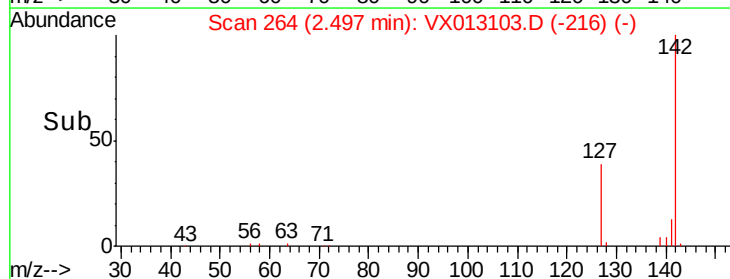
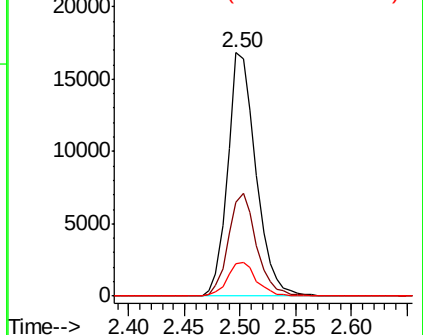
141 14.3 11.6 17.4

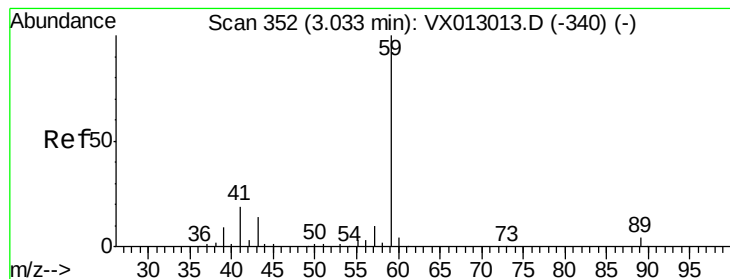


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



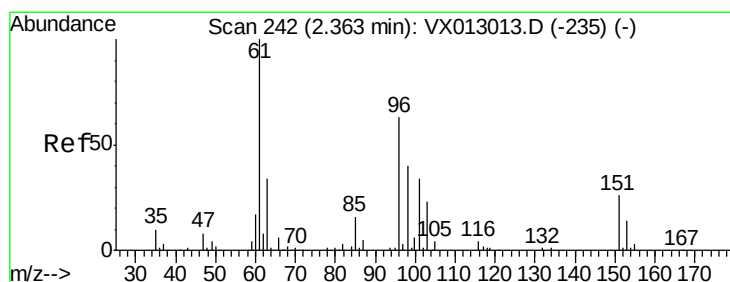
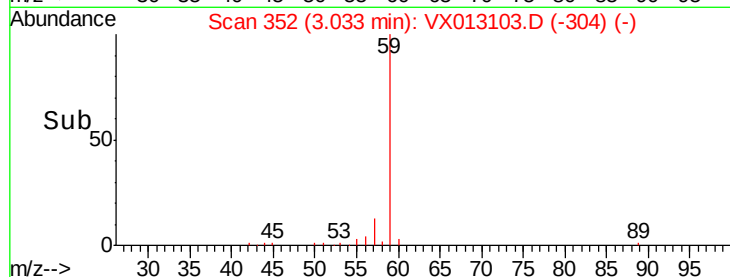
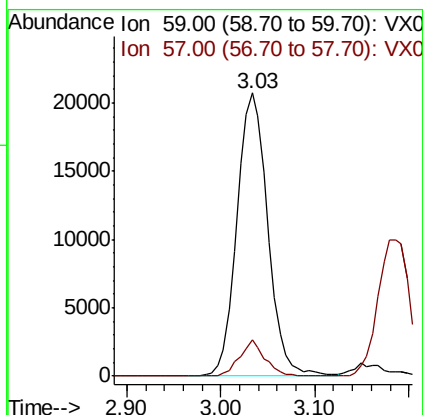
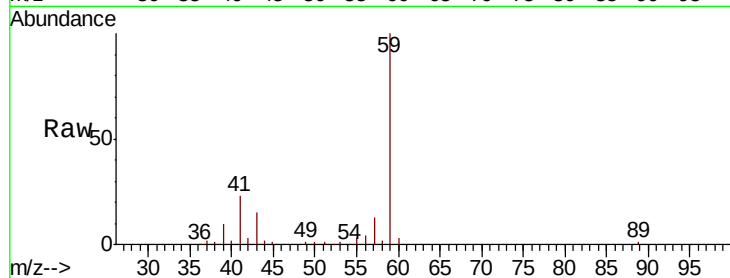


#11

Tert butyl alcohol
 Concen: 88.651 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

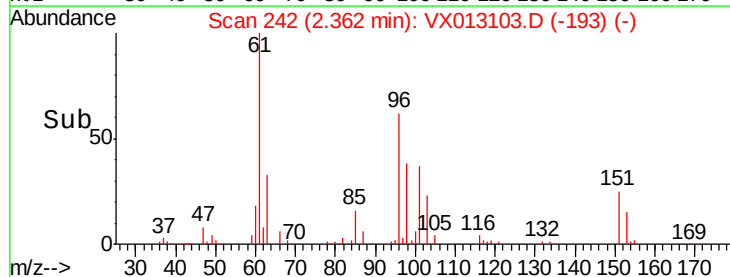
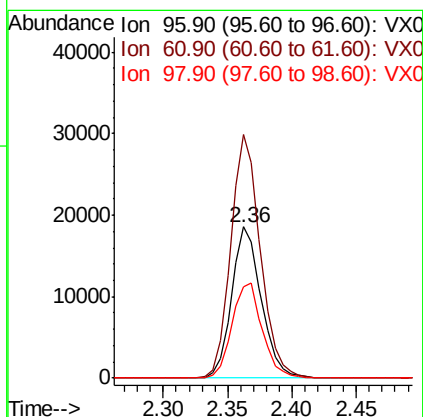
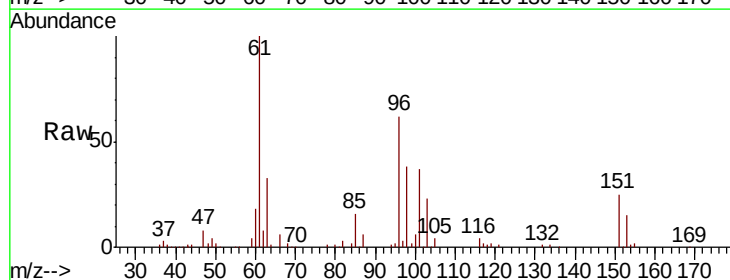
Tot Ion: 59 Resp: 47522
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

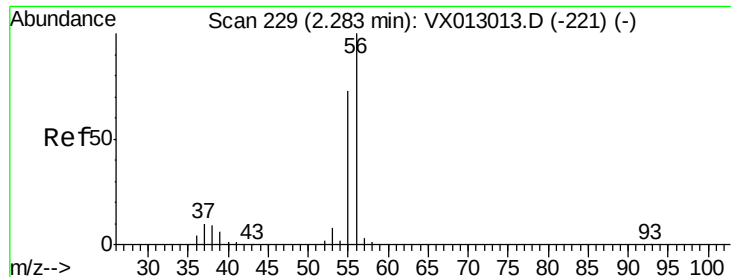


#12

1,1-Dichloroethene
 Concen: 18.236 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 96 Resp: 29816
 Ion Ratio Lower Upper
 96 100
 61 161.3 132.2 198.4
 98 60.9 50.5 75.7





#13

Acrolein

Concen: 95.298 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

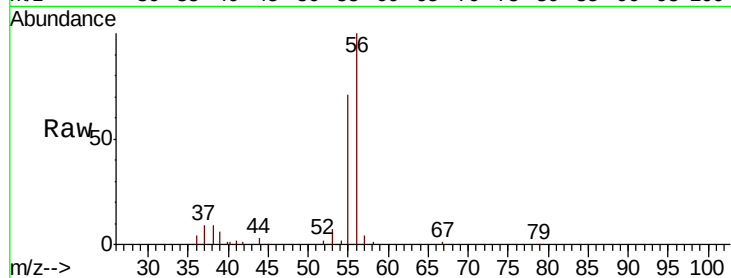
VX1017WBS01

Tot Ion: 56 Resp: 36304

Ion Ratio Lower Upper

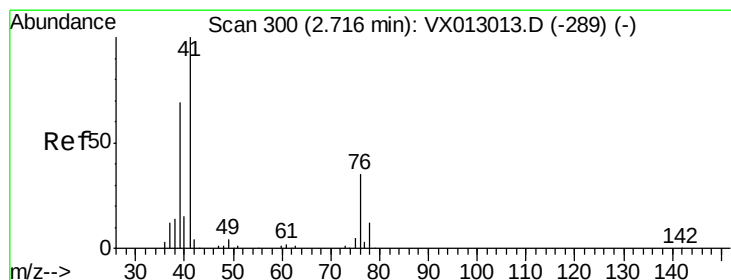
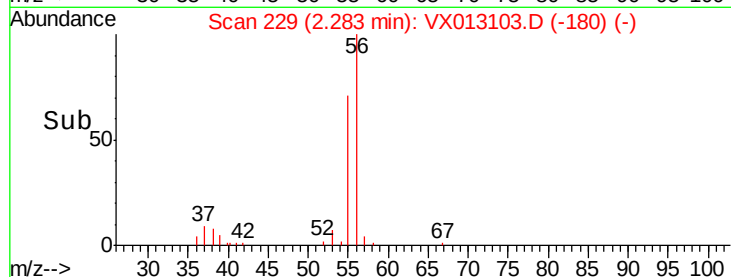
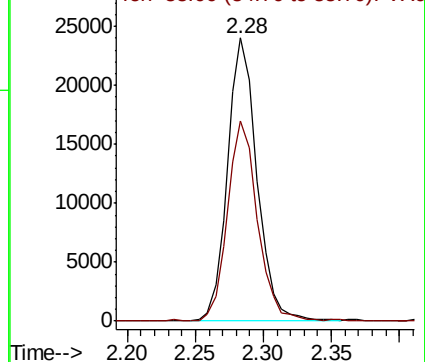
56 100

55 70.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.899 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

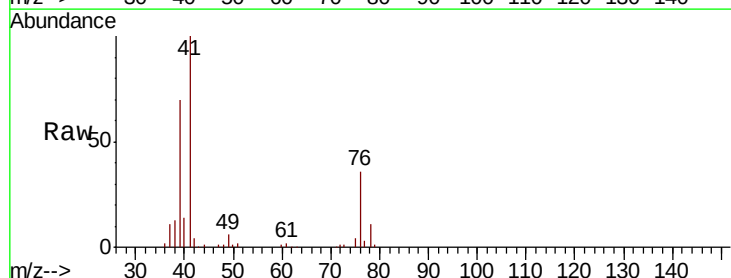
Tgt Ion: 41 Resp: 52117

Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.6

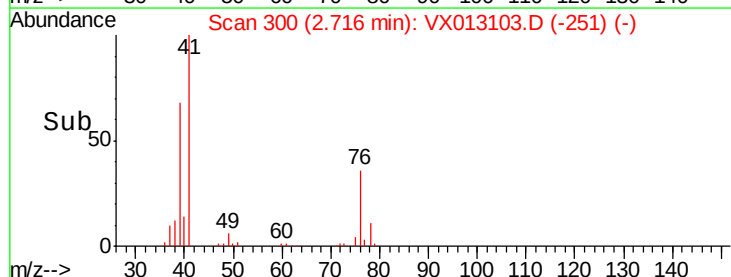
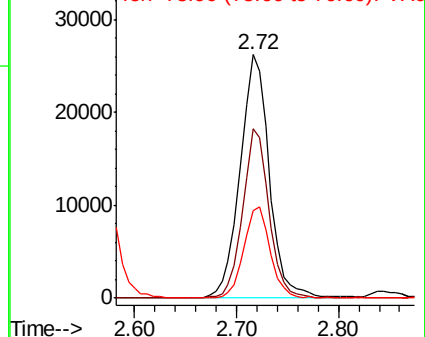
76 33.9 26.2 39.4

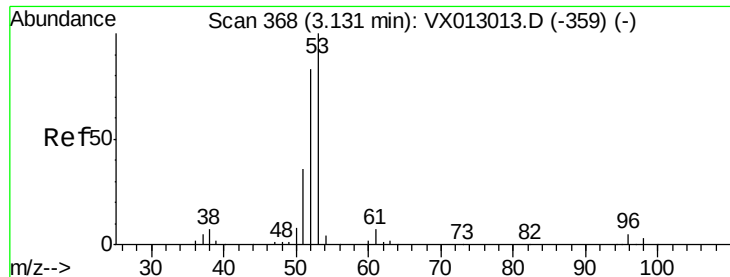


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

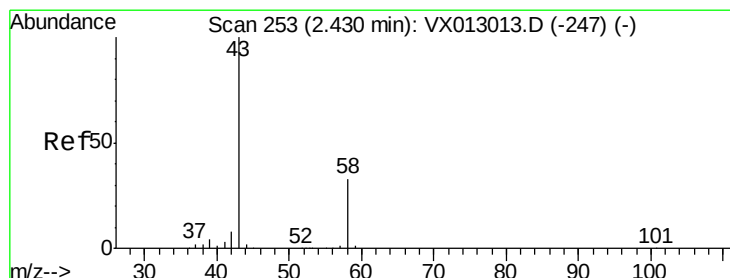
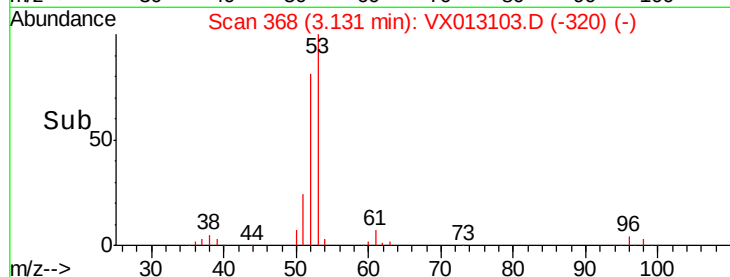
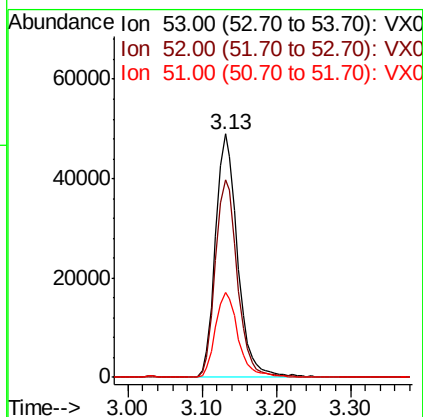
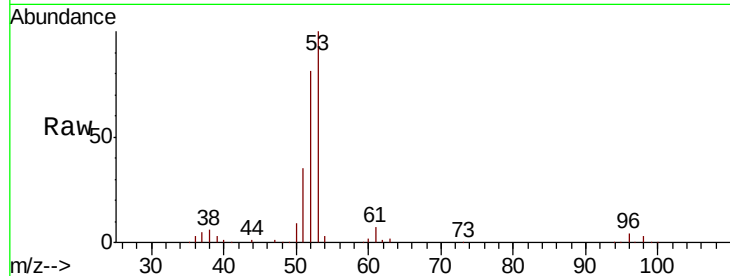




#15
 Acrylonitrile
 Concen: 99.128 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

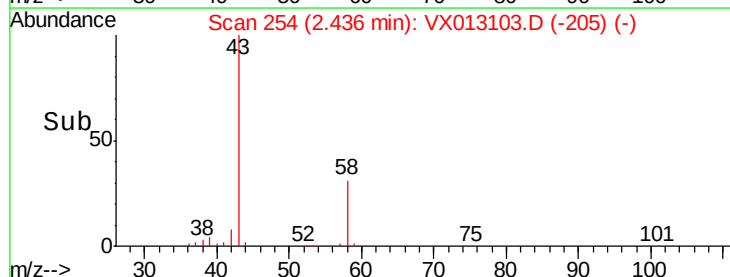
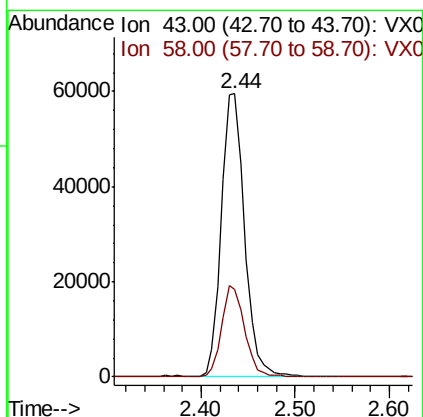
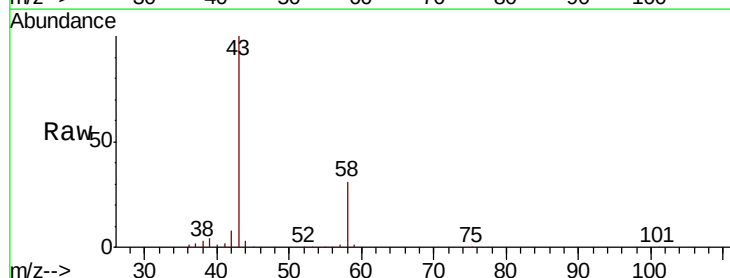
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

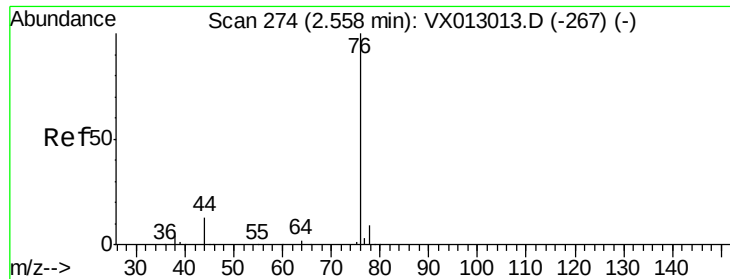
Tot Ion: 53 Resp: 100701
 Ion Ratio Lower Upper
 53 100
 52 81.2 66.2 99.2
 51 35.9 28.2 42.4



#16
 Acetone
 Concen: 96.090 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 43 Resp: 102421
 Ion Ratio Lower Upper
 43 100
 58 31.1 25.4 38.2

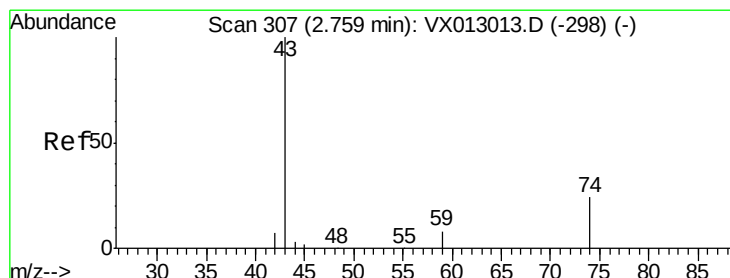
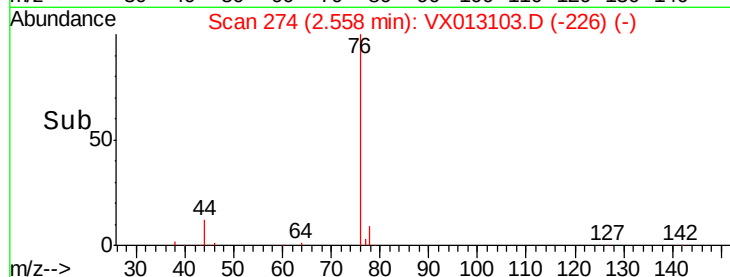
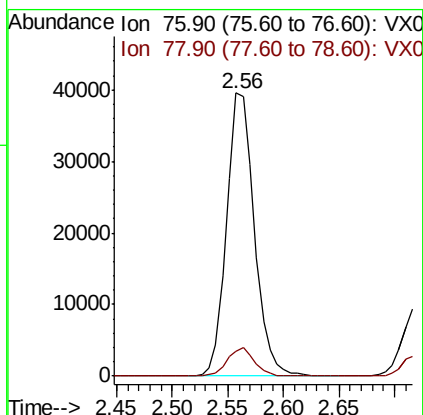
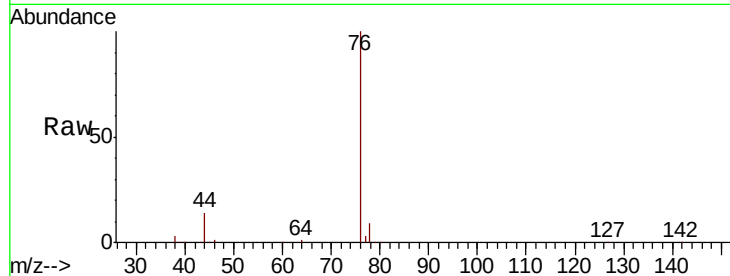




#17
Carbon Disulfide
Concen: 14.703 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

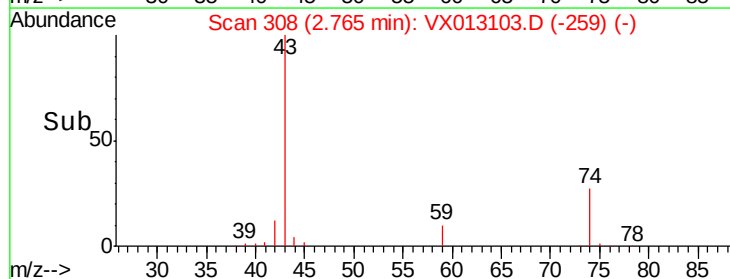
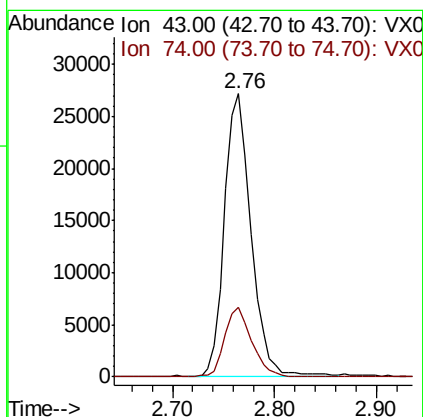
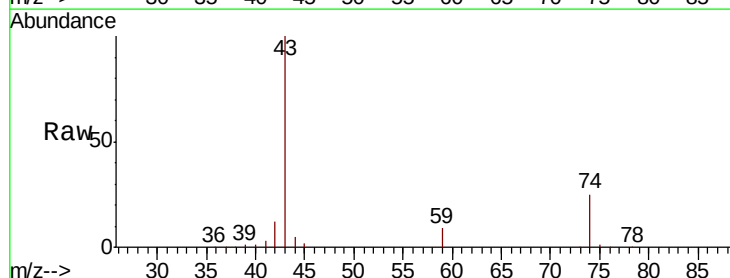
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

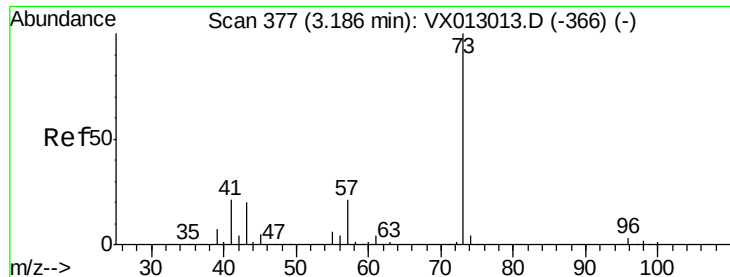
Tot Ion: 76 Resp: 68545
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.408 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 43 Resp: 49033
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8



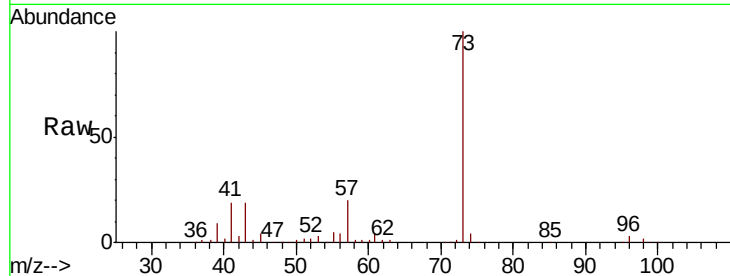


#19

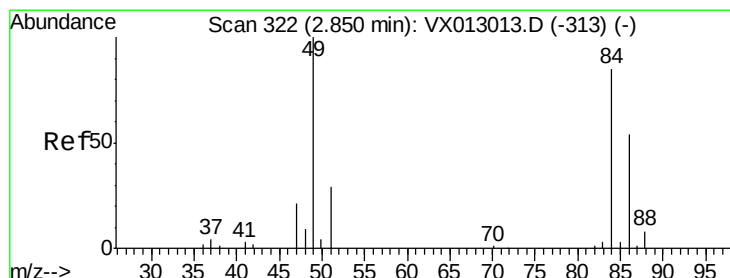
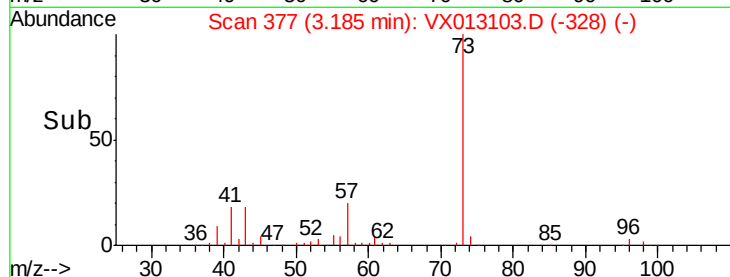
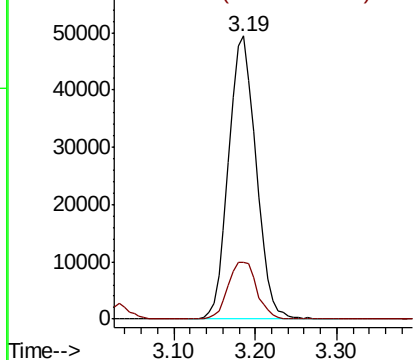
Methyl tert-butyl Ether
 Concen: 20.307 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion: 73 Resp: 114654
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.8 26.6



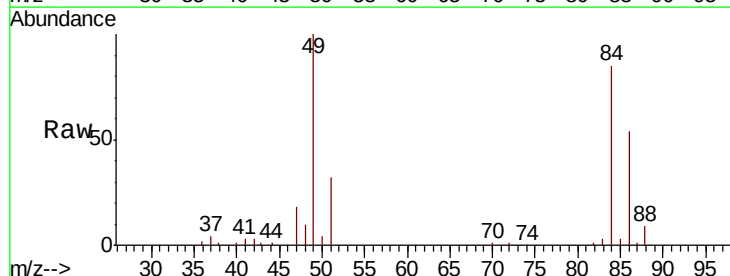
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



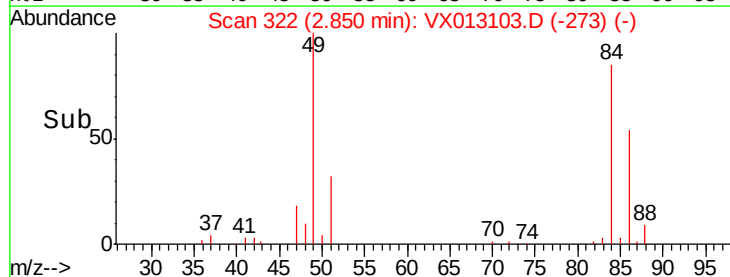
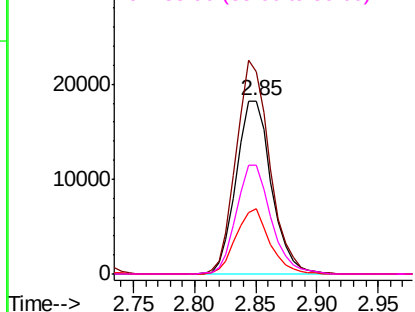
#20

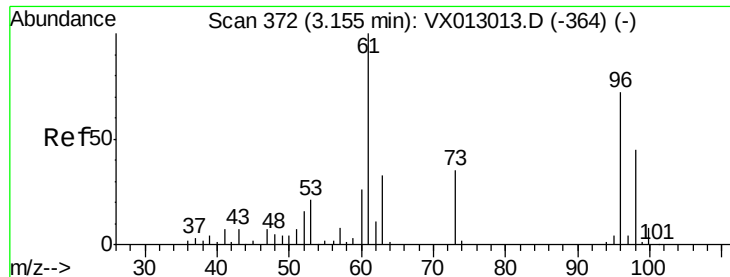
Methylene Chloride
 Concen: 18.660 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 84 Resp: 36553
 Ion Ratio Lower Upper
 84 100
 49 117.0 96.6 144.8
 51 37.8 30.7 46.1
 86 62.8 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.571 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

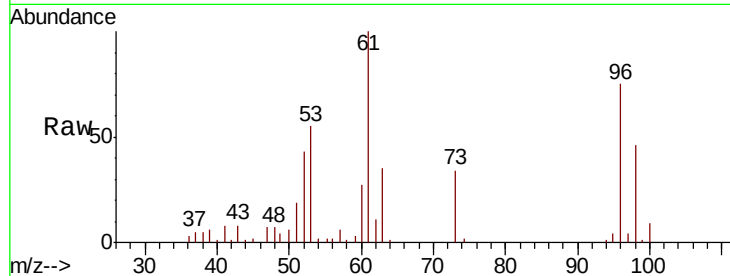
Tot Ion: 96 Resp: 32543

Ion Ratio Lower Upper

96 100

61 133.4 110.4 165.6

98 61.4 51.5 77.3

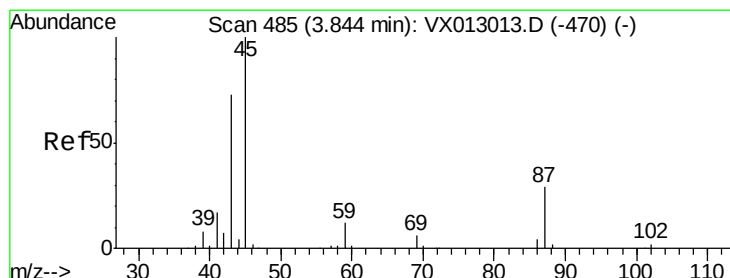
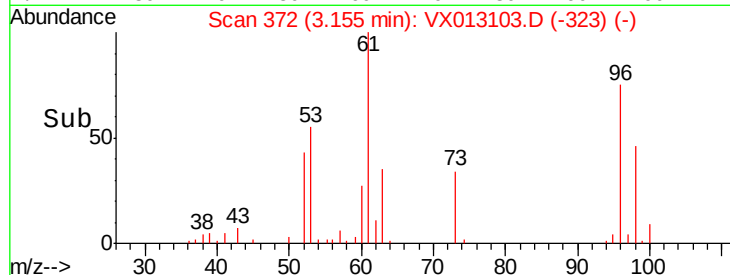
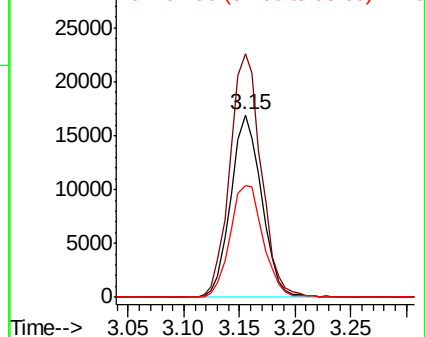


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.352 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion: 45 Resp: 107973

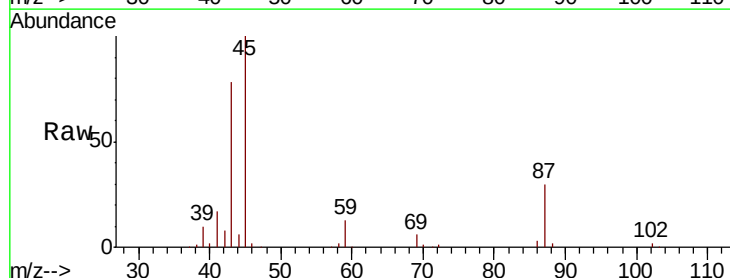
Ion Ratio Lower Upper

45 100

43 77.3 51.4 77.0#

87 29.9 22.5 33.7

59 13.4 9.7 14.5



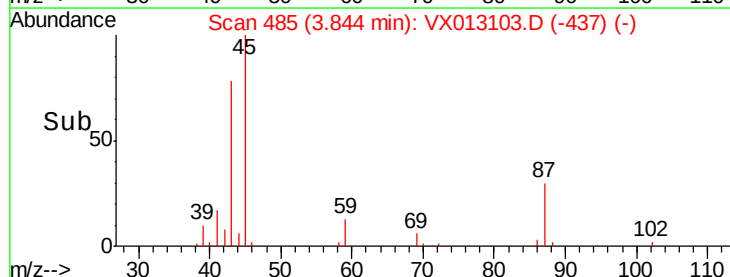
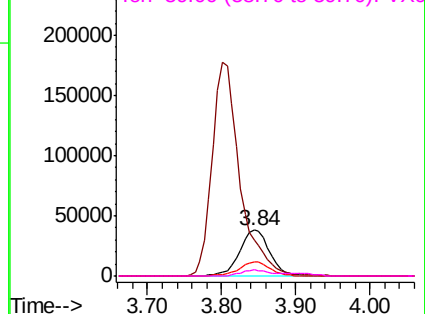
Abundance

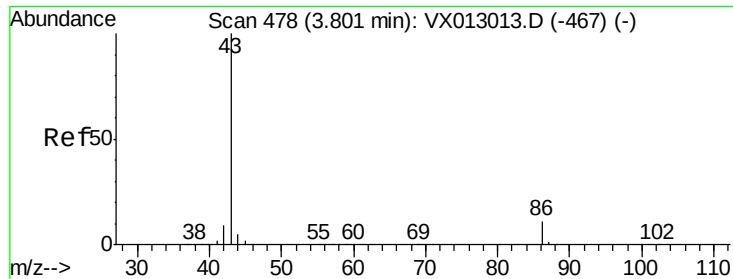
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.728 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

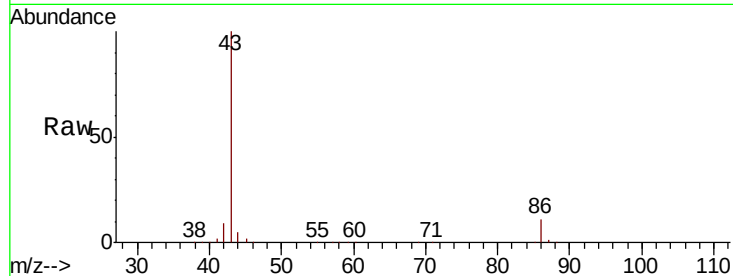
VX1017WBS01

Tot Ion: 43 Resp: 461068

Ion Ratio Lower Upper

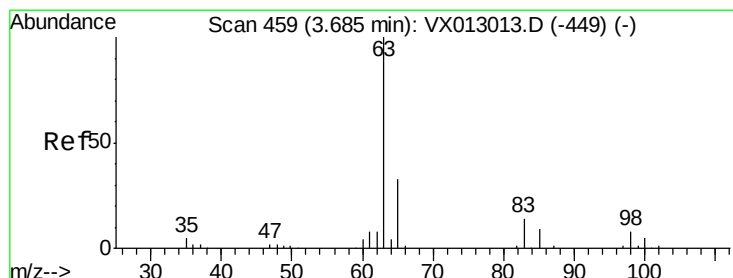
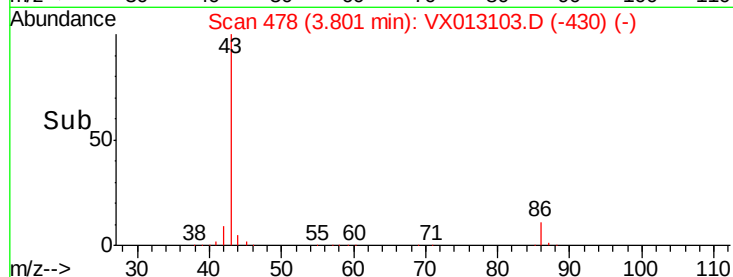
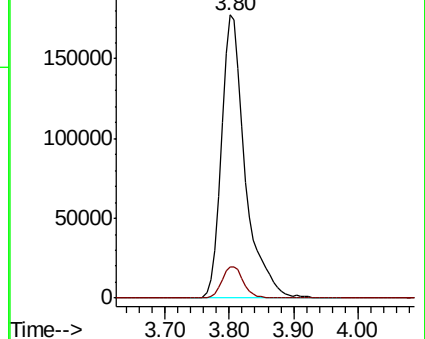
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.511 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

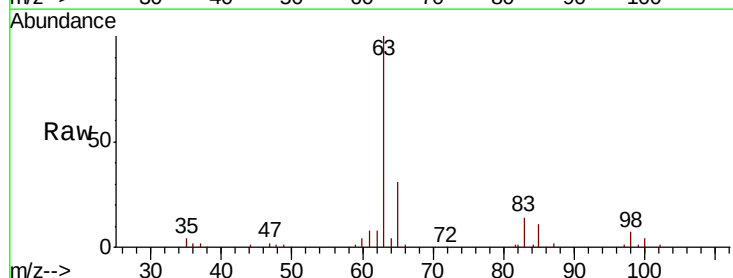
Tgt Ion: 63 Resp: 61240

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

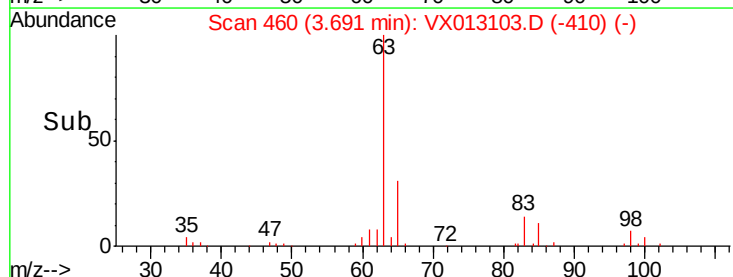
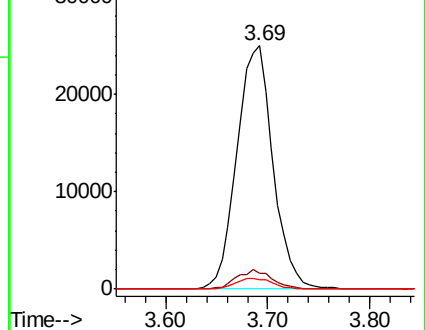
100 4.0 2.3 6.9

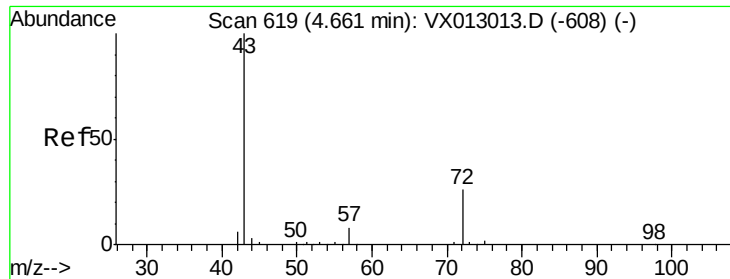


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.622 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

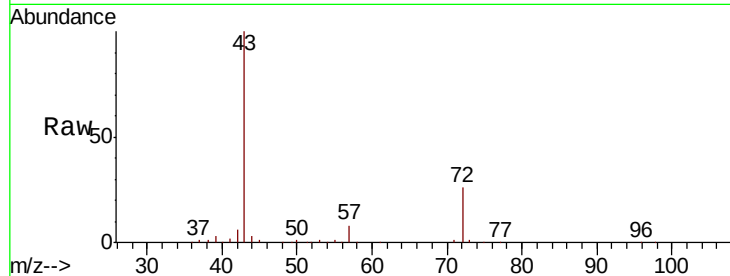
VX1017WBS01

Tot Ion: 43 Resp: 141402

Ion Ratio Lower Upper

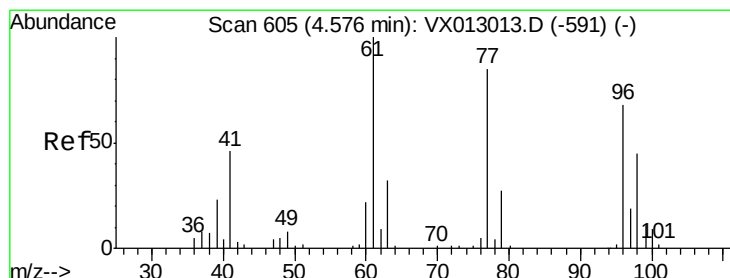
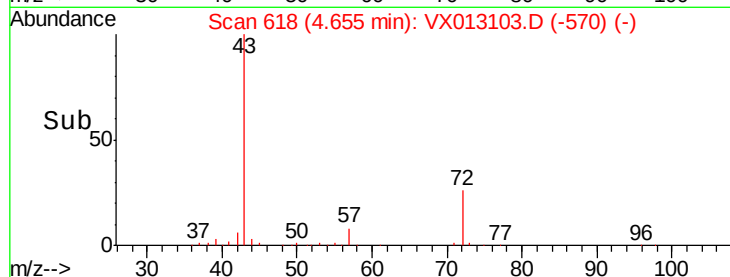
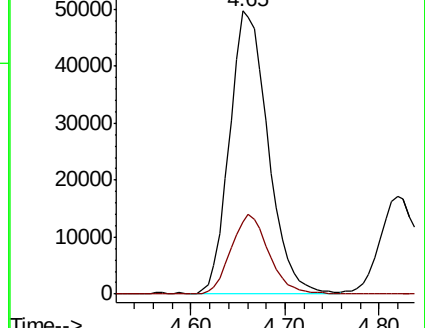
43 100

72 25.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.678 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013103.D

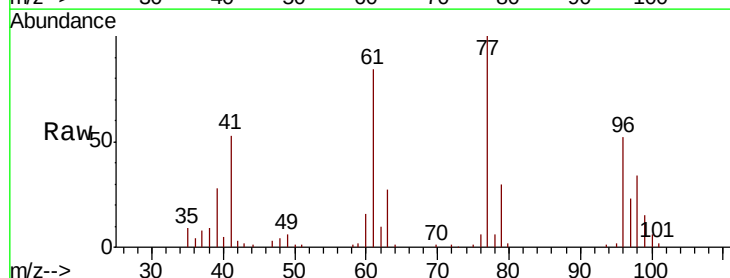
Acq: 17 Oct 2019 13:38

Tgt Ion: 77 Resp: 51938

Ion Ratio Lower Upper

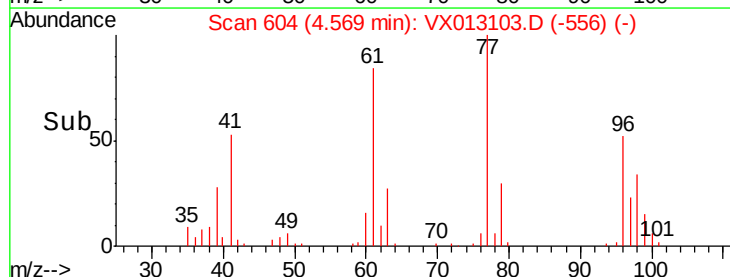
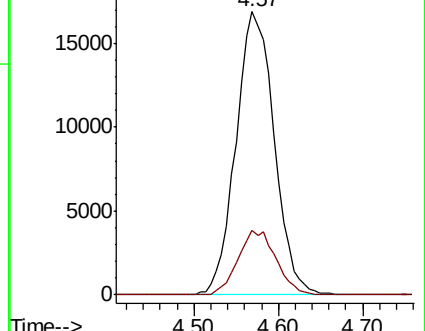
77 100

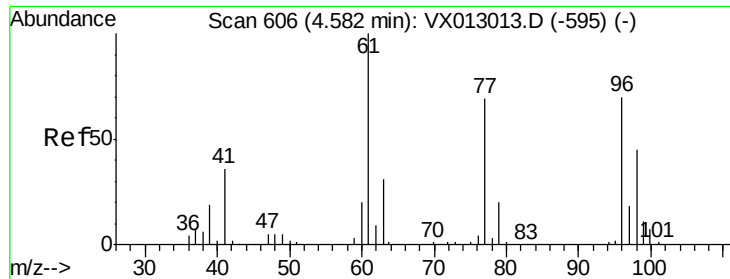
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



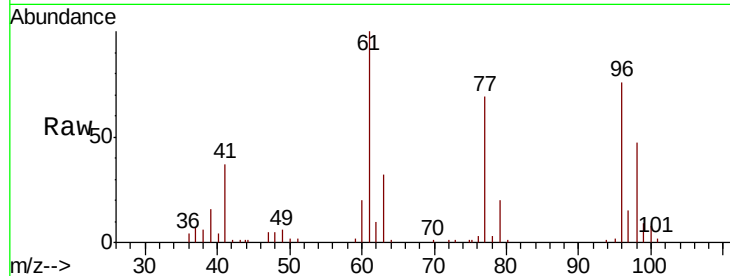


#27

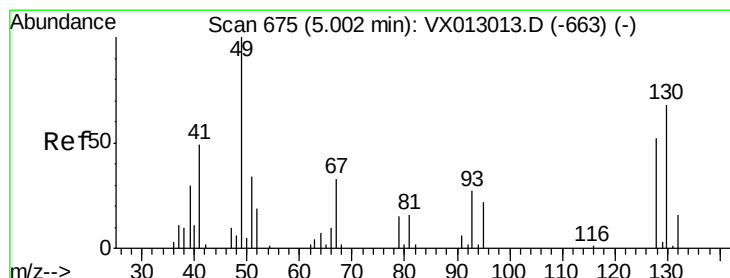
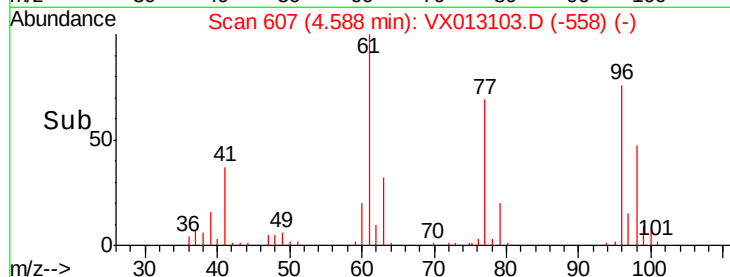
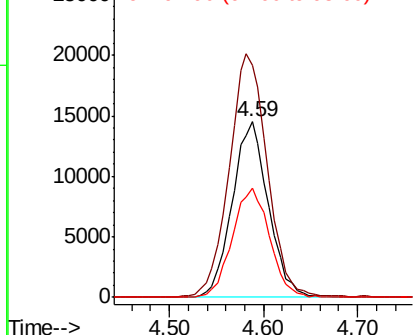
cis-1,2-Dichloroethene
Concen: 19.121 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion: 96 Resp: 38623
Ion Ratio Lower Upper
96 100
61 147.2 0.0 290.6
98 64.8 0.0 128.8



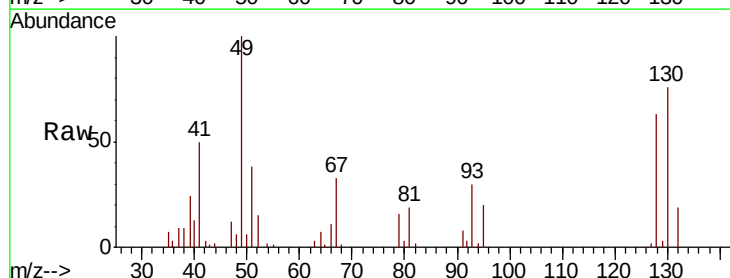
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



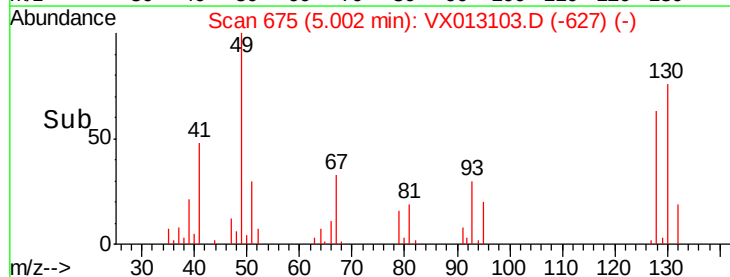
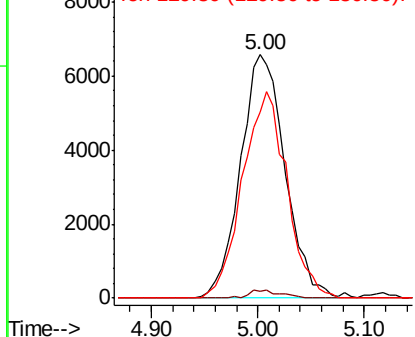
#28

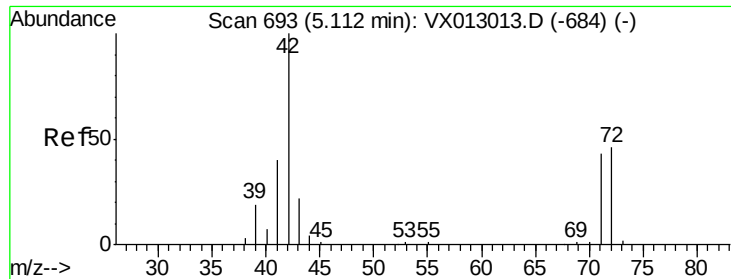
Bromochloromethane
Concen: 20.335 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 49 Resp: 19324
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 84.3 62.1 93.1



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

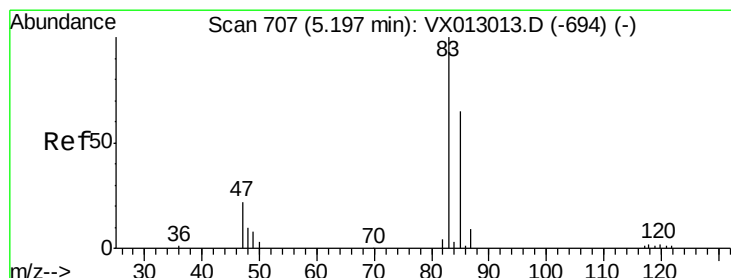
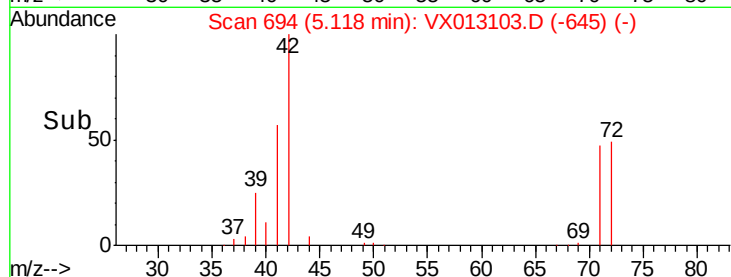
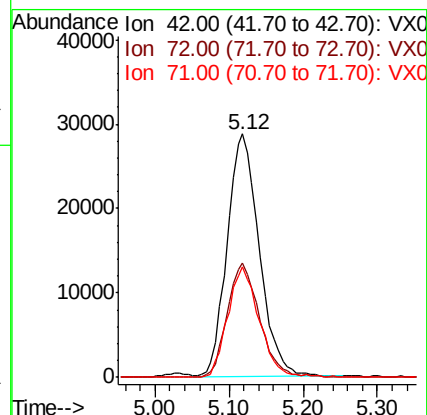
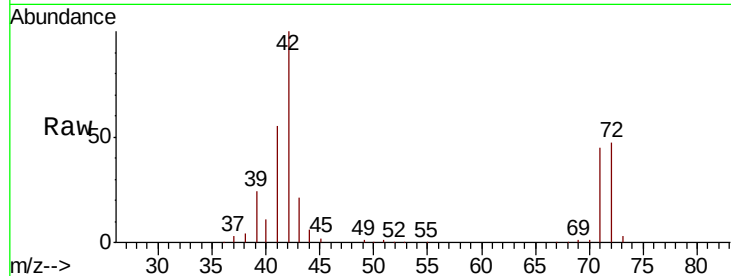




#29
Tetrahydrofuran
Concen: 95.316 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

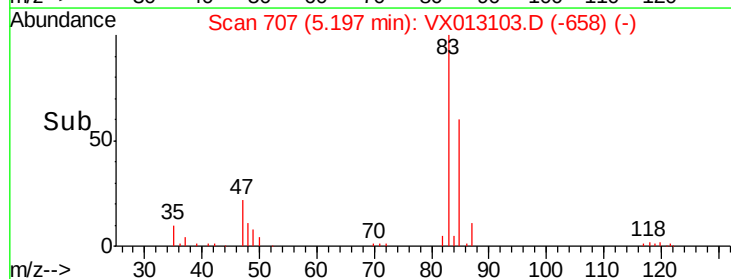
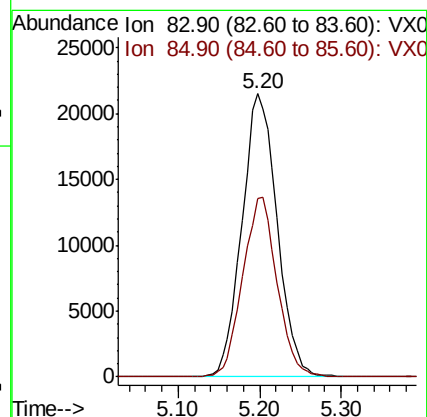
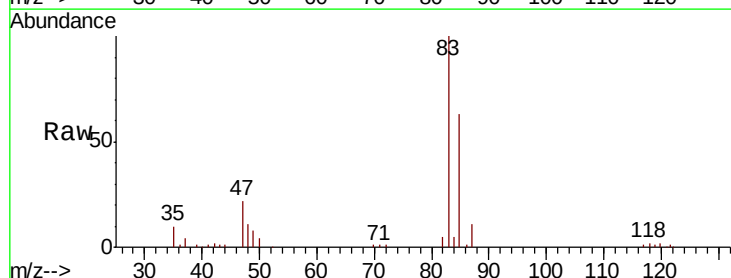
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

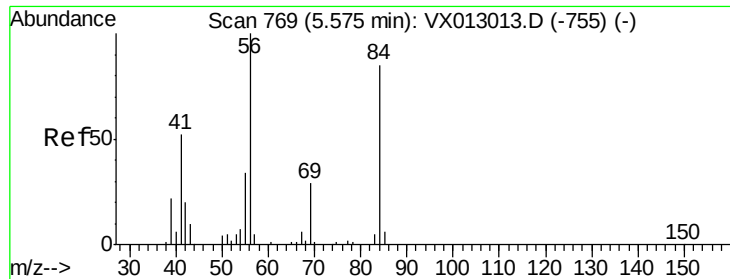
Tot Ion: 42 Resp: 86736
Ion Ratio Lower Upper
42 100
72 47.5 36.9 55.3
71 44.3 33.5 50.3



#30
Chloroform
Concen: 20.018 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 83 Resp: 64471
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3

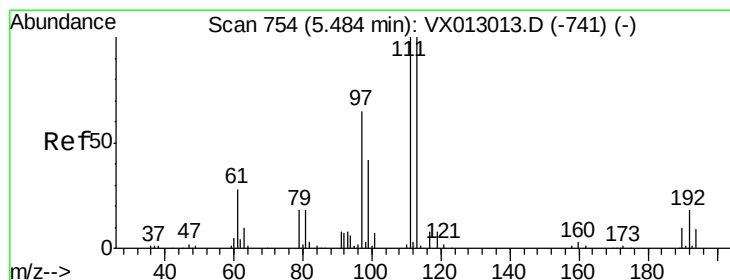
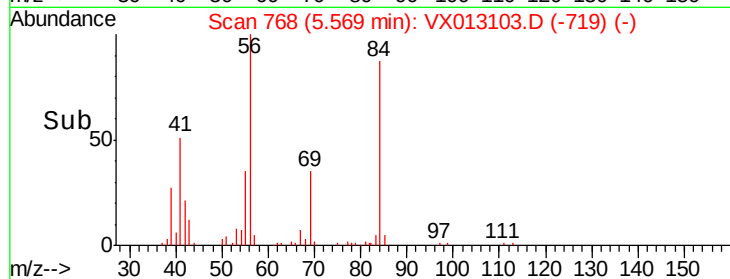
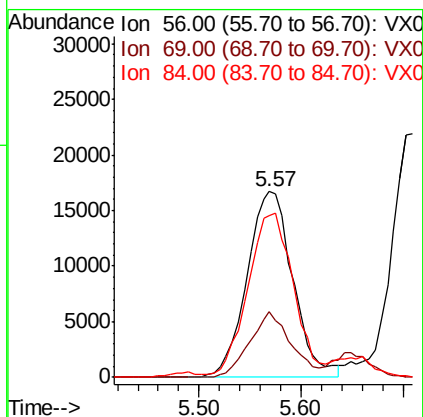
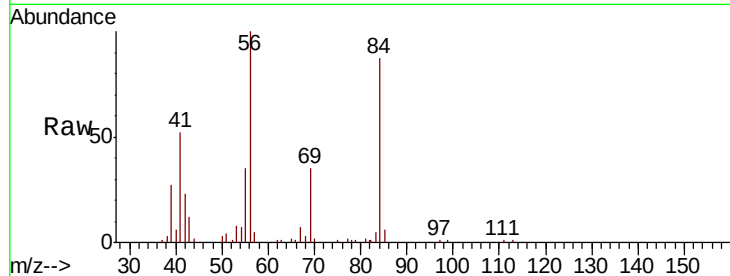




#31
Cyclohexane
Concen: 17.798 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

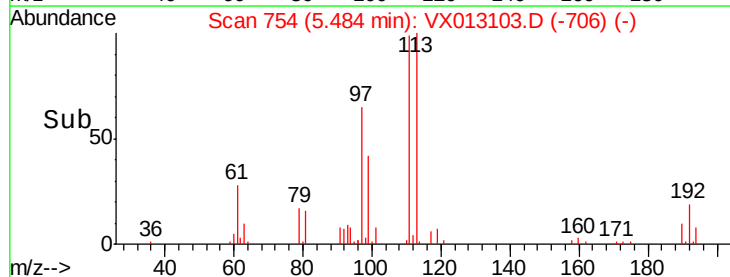
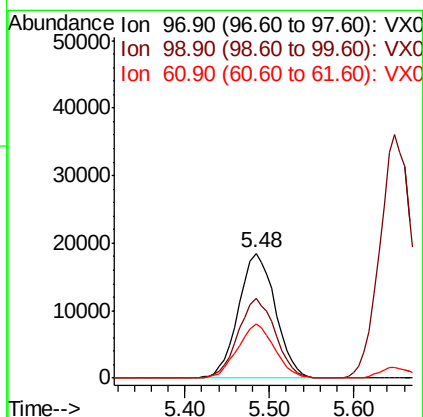
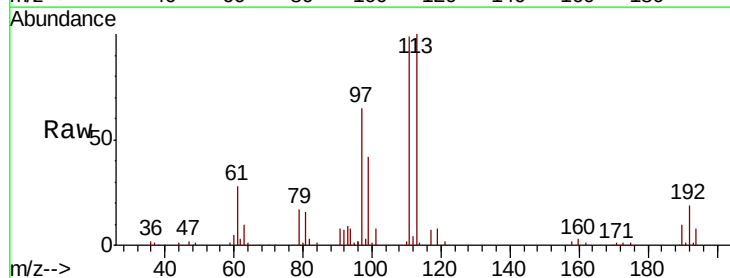
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

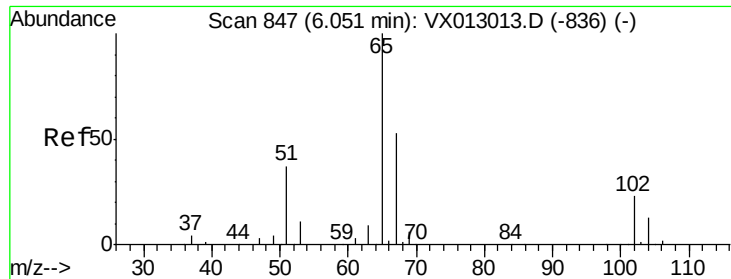
Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	25.2	37.8
84	84.3	71.3	106.9



#32
1,1,1-Trichloroethane
Concen: 20.125 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	43.4	35.0	52.4

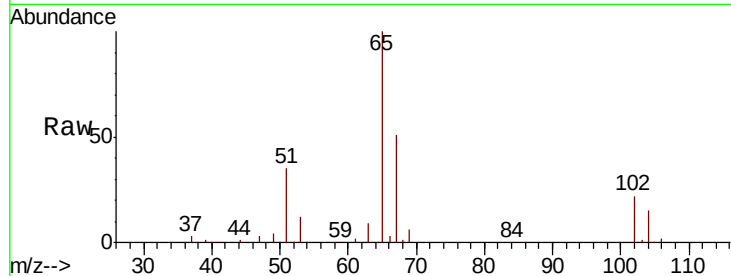




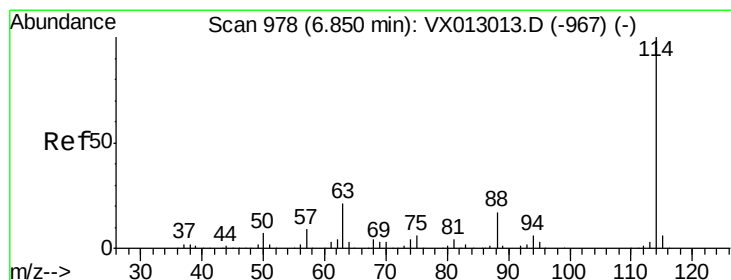
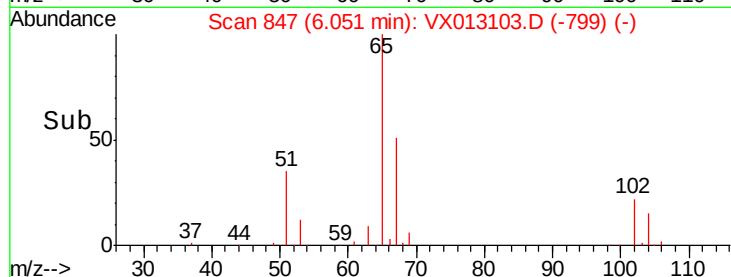
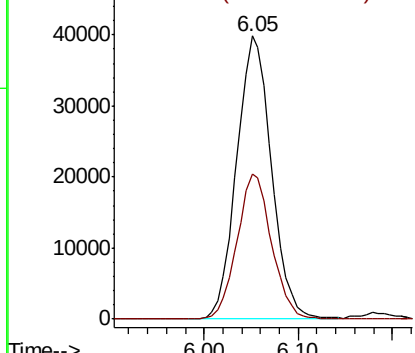
#33
 1,2-Dichloroethane-d4
 Concen: 50.797 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion: 65 Resp: 102720
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.4

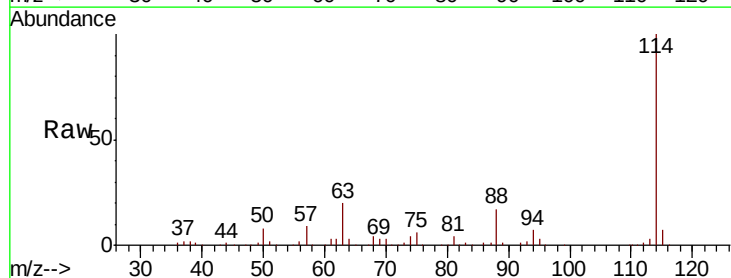


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

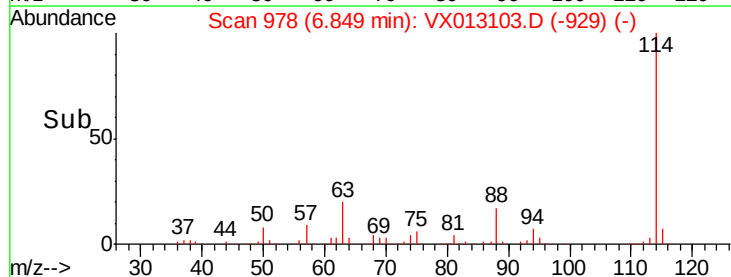
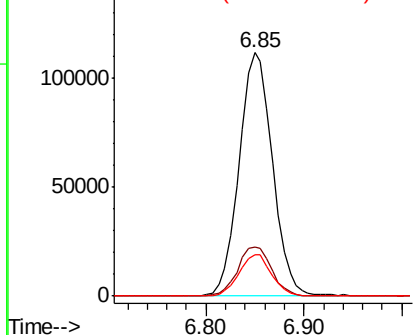


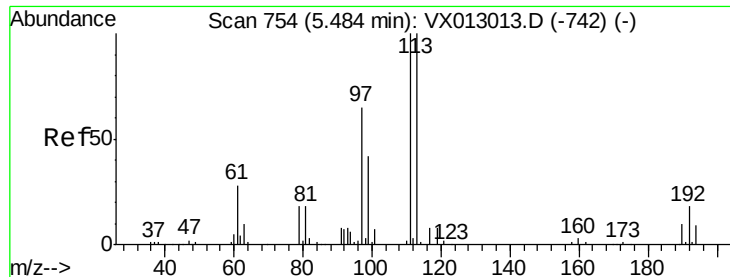
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 114 Resp: 264928
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.709 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

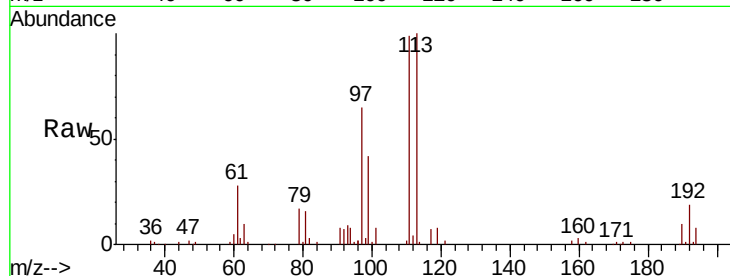
Tot Ion:113 Resp: 81667

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

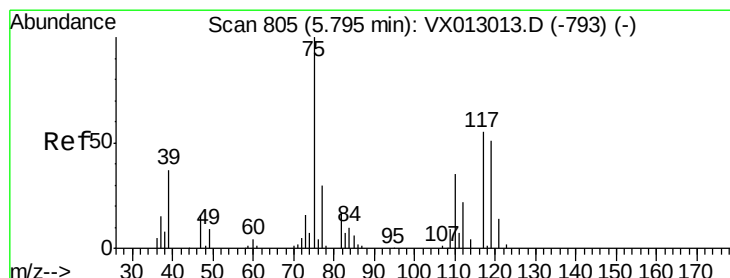
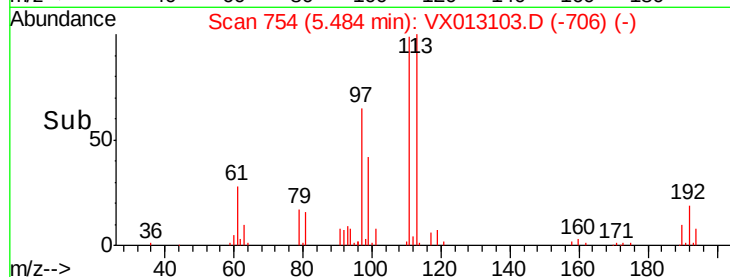
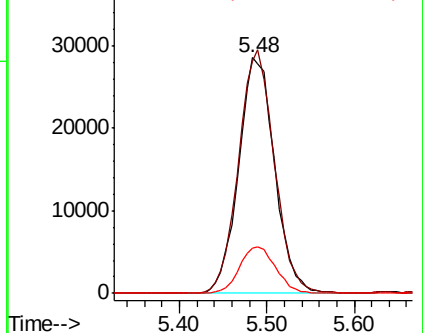
192 19.9 15.4 23.2



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: 18.805 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

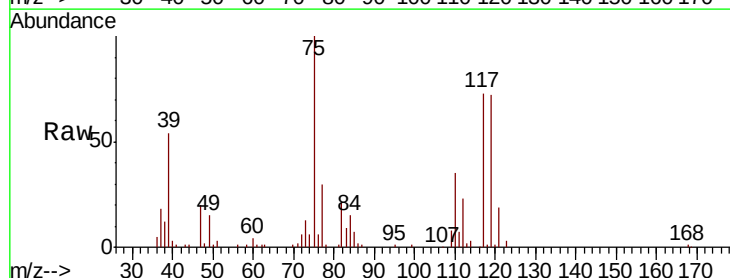
Tgt Ion: 75 Resp: 43802

Ion Ratio Lower Upper

75 100

110 36.9 17.6 52.9

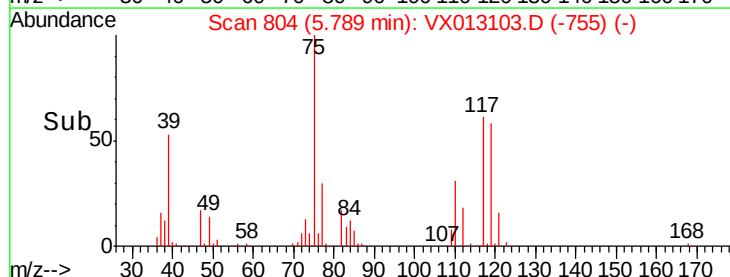
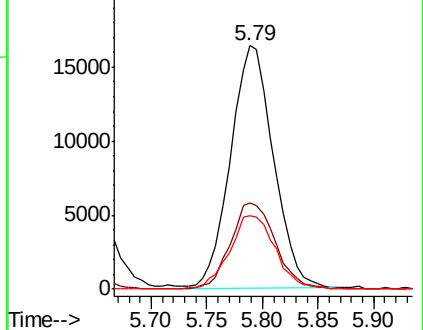
77 32.3 24.4 36.6

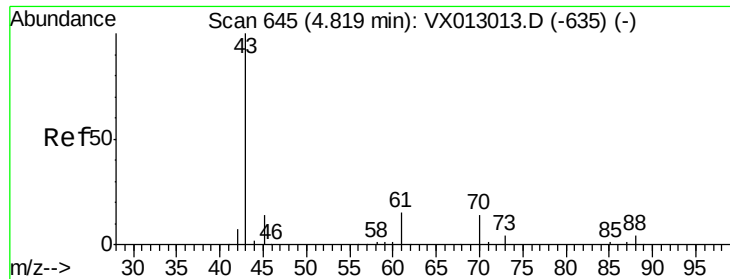


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

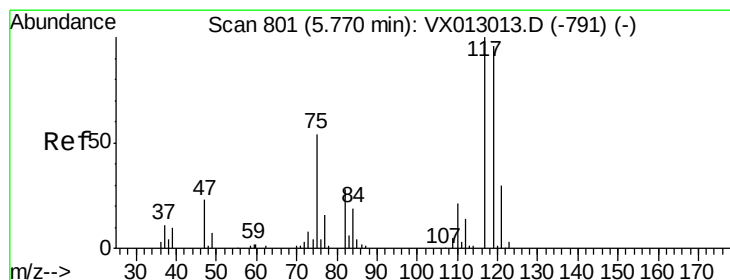
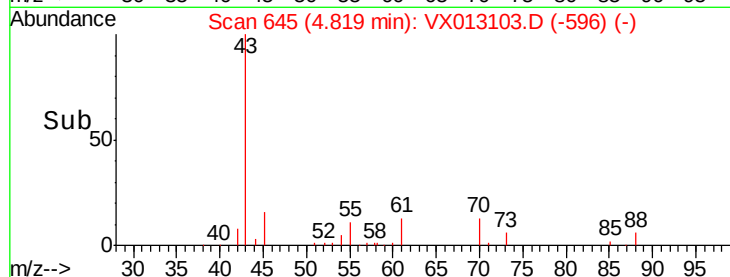
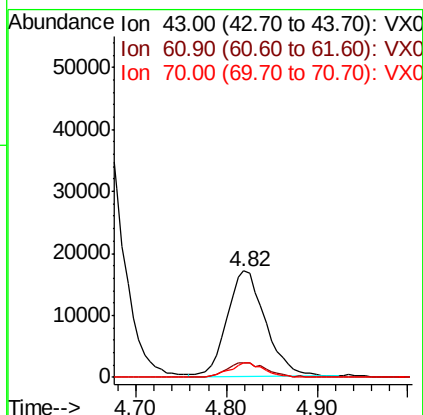
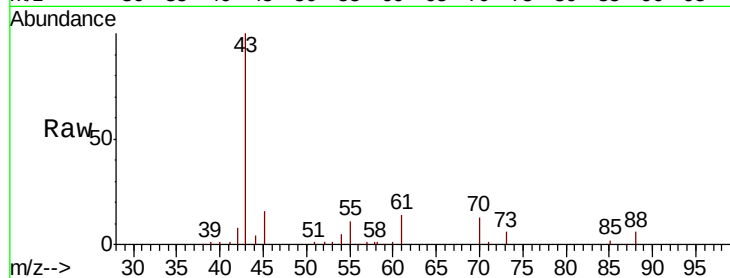




#37
Ethyl Acetate
Concen: 19.236 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

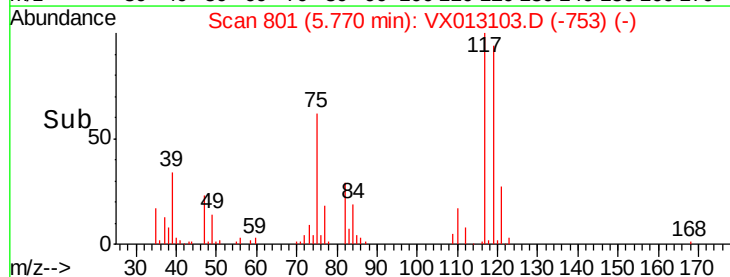
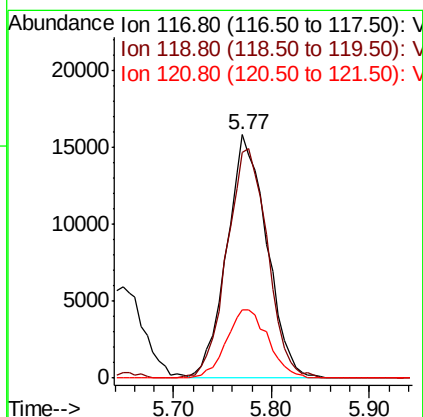
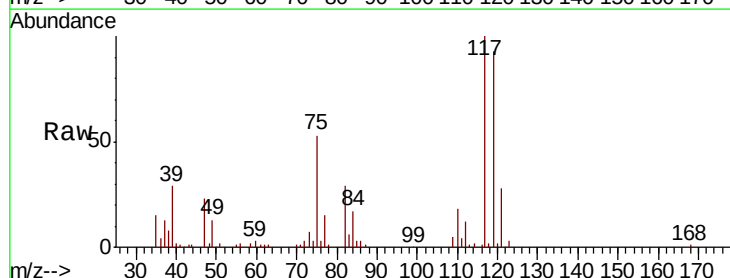
Instrument :
MSVOA_X
ClientSampled :
VX1017WBS01

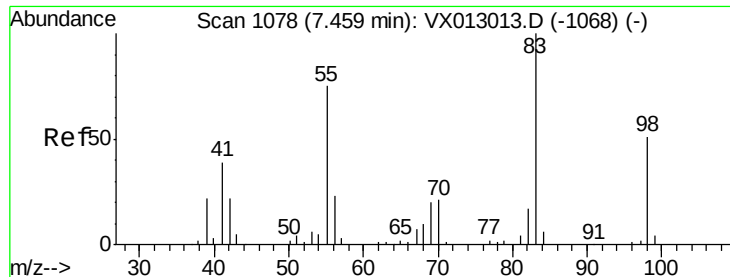
Tot Ion: 43 Resp: 50101
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 12.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.819 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 117 Resp: 44932
Ion Ratio Lower Upper
117 100
119 92.9 74.5 111.7
121 28.1 24.2 36.4

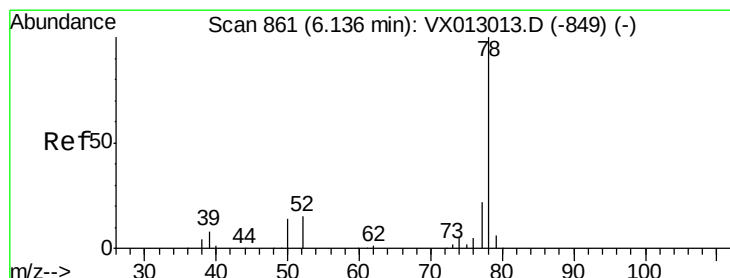
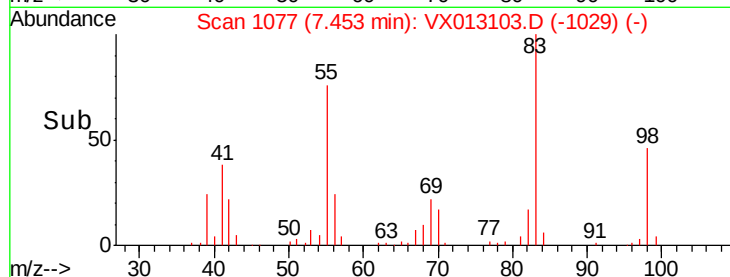
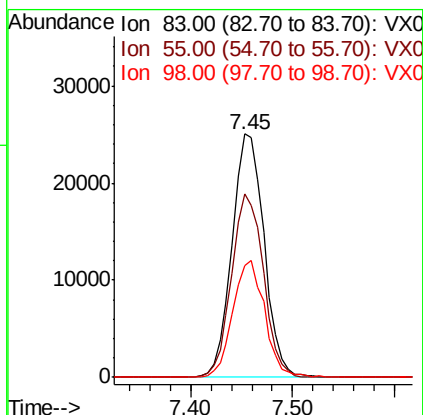
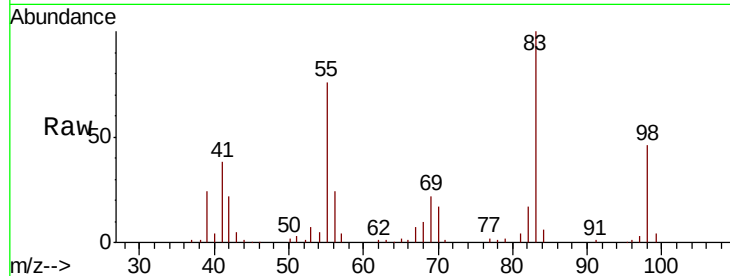




#39
Methylvlcyclohexane
Concen: 19.308 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

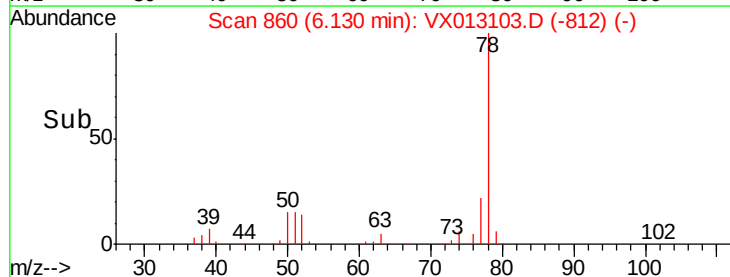
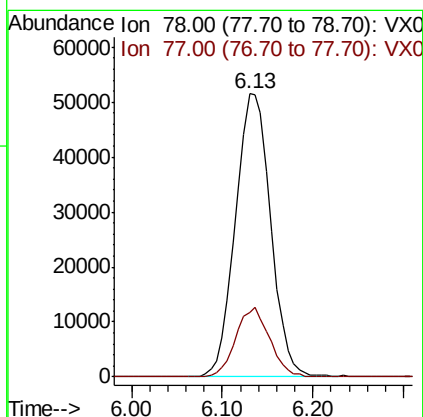
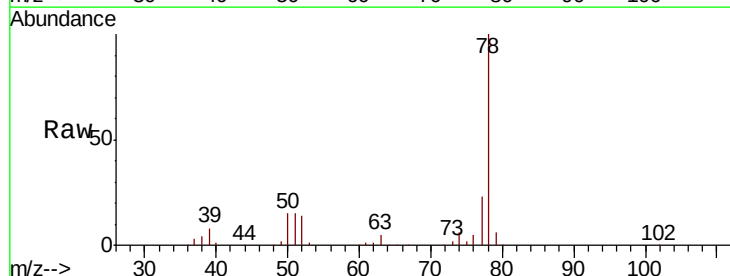
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

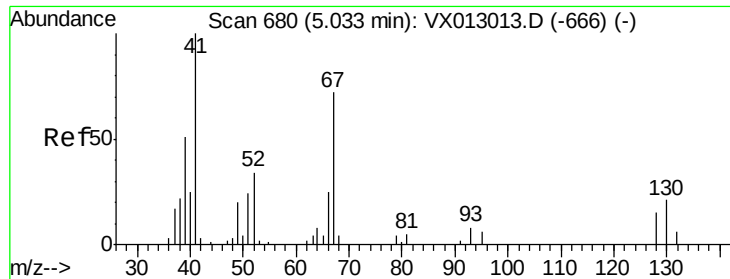
Tot Ion: 83 Resp: 54541
Ion Ratio Lower Upper
83 100
55 75.6 60.2 90.4
98 46.1 38.5 57.7



#40
Benzene
Concen: 20.184 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 78 Resp: 138859
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41

Methacrylonitrile

Concen: 20.504 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 41 Resp: 29345

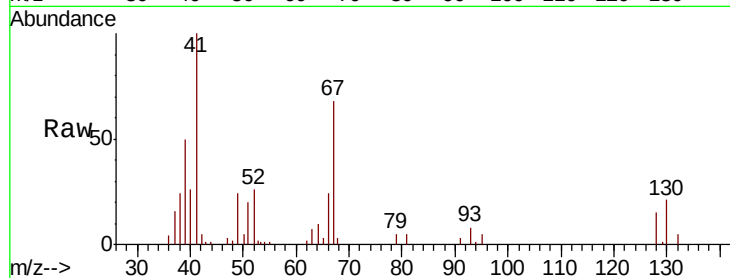
Ion Ratio Lower Upper

41 100

39 51.8 44.0 66.0

67 72.9 58.5 87.7

52 29.1 23.8 35.8

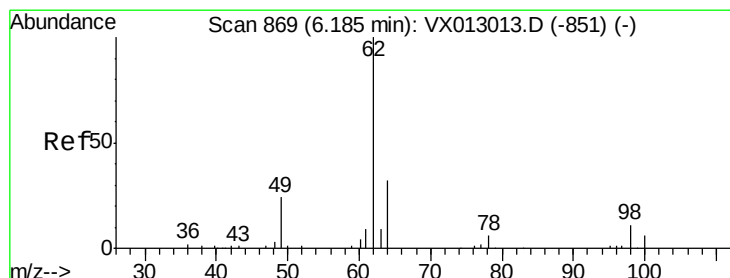
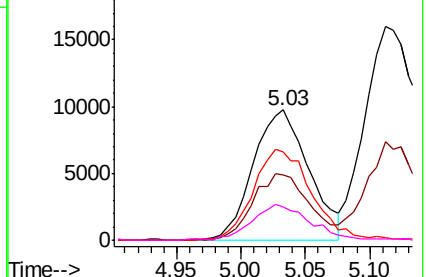
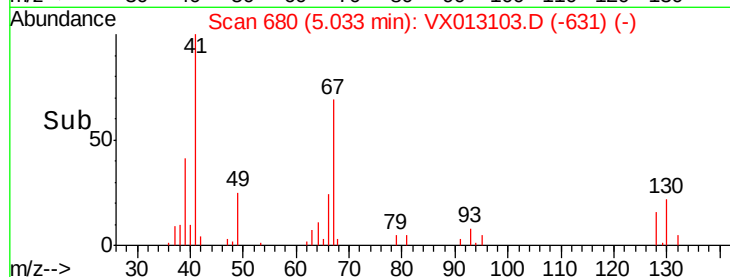


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.953 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013103.D

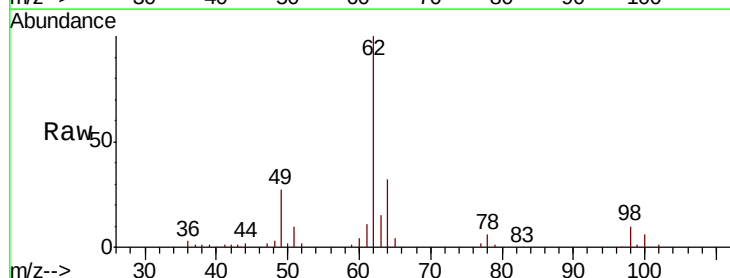
Acq: 17 Oct 2019 13:38

Tgt Ion: 62 Resp: 51723

Ion Ratio Lower Upper

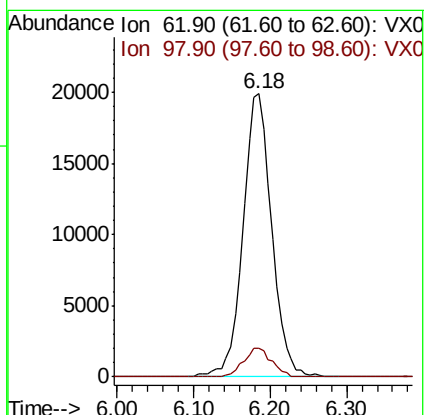
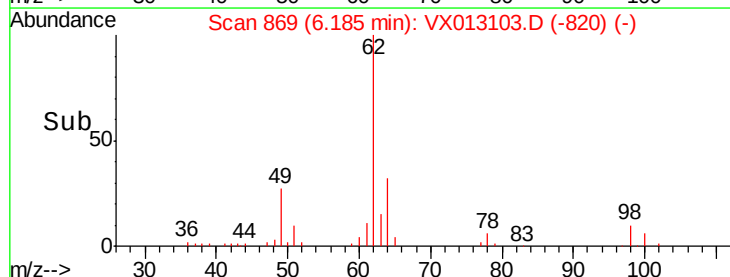
62 100

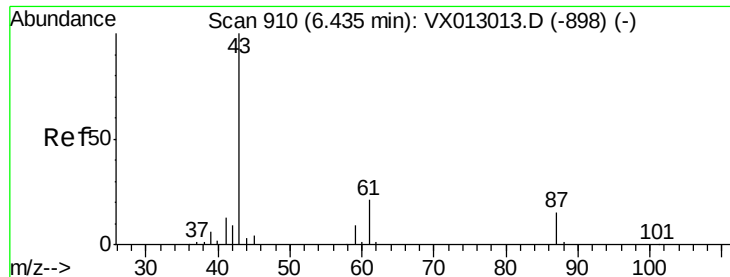
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.934 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

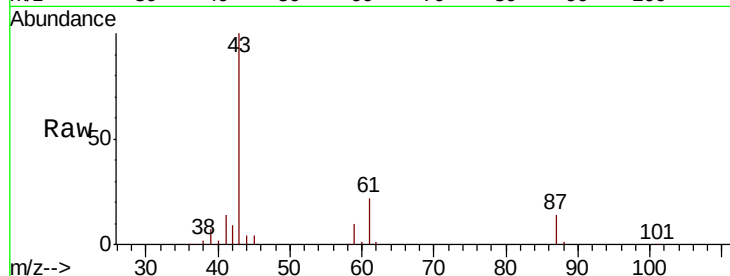
Tot Ion: 43 Resp: 83334

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

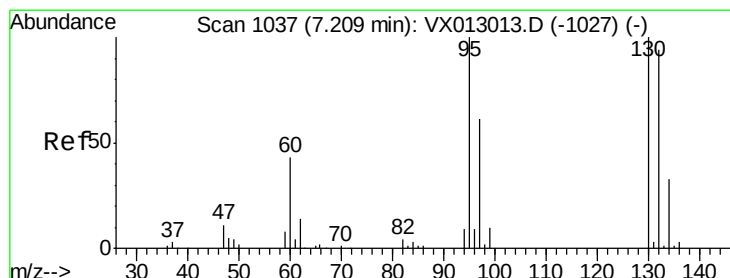
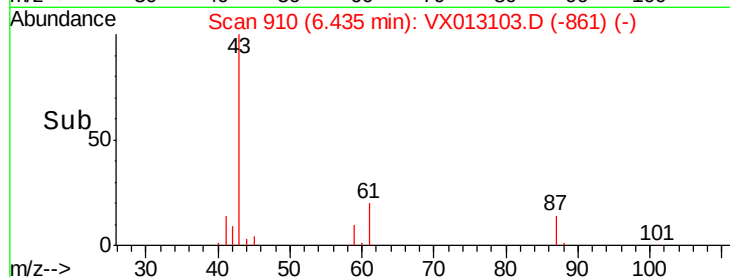
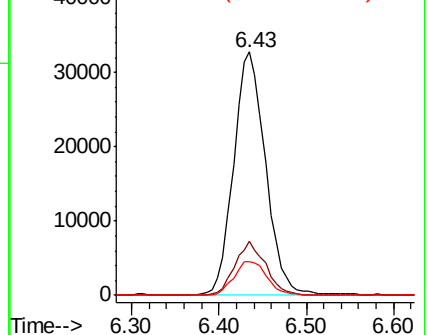
87 14.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.011 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013103.D

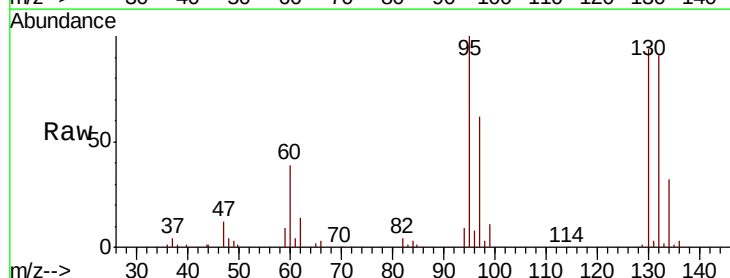
Acq: 17 Oct 2019 13:38

Tgt Ion:130 Resp: 36268

Ion Ratio Lower Upper

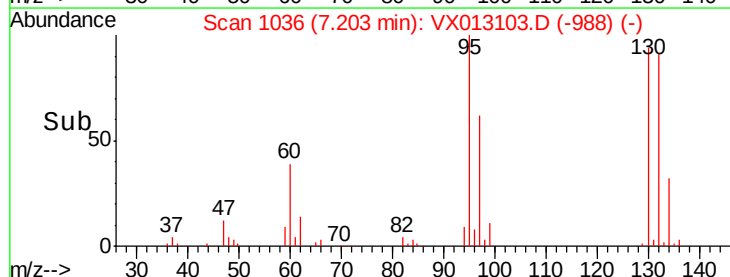
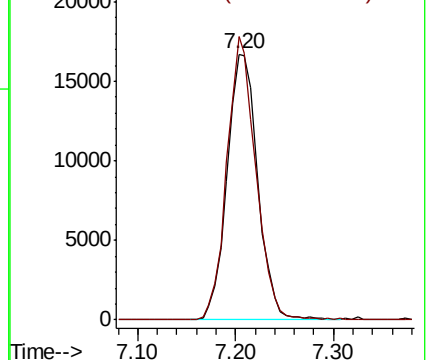
130 100

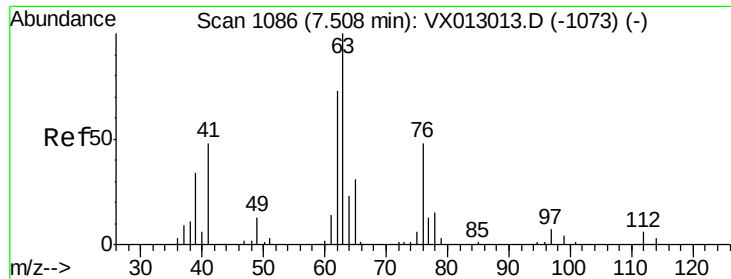
95 106.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.375 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

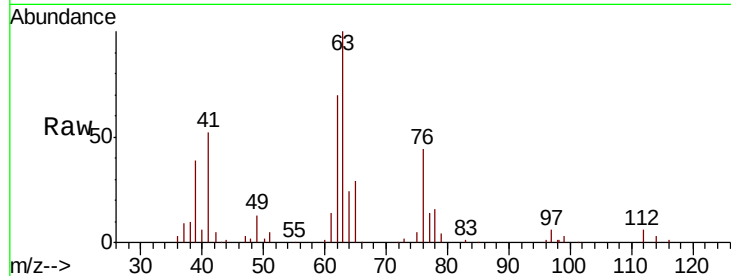
VX1017WBS01

Tot Ion: 63 Resp: 35724

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

20000

15000

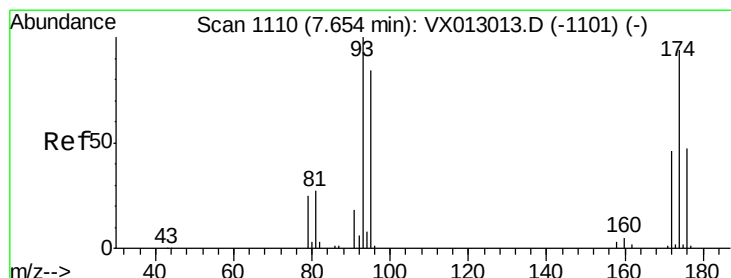
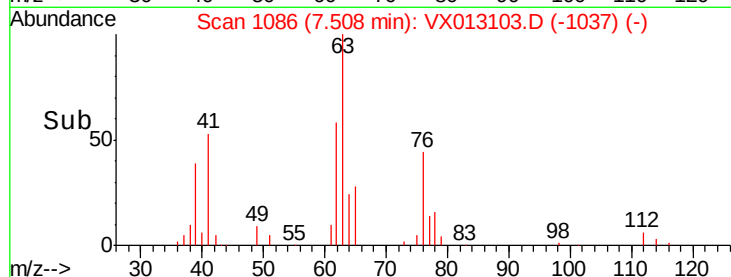
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 20.666 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

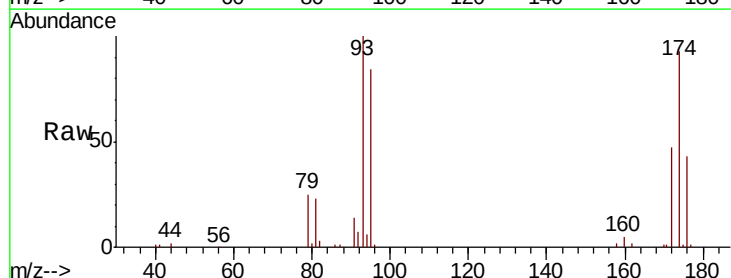
Tgt Ion: 93 Resp: 24142

Ion Ratio Lower Upper

93 100

95 85.2 66.3 99.5

174 98.5 77.8 116.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

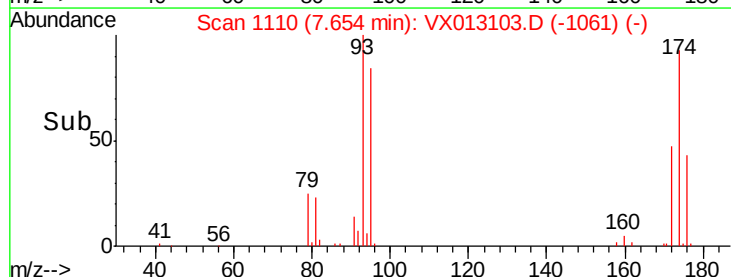
10000

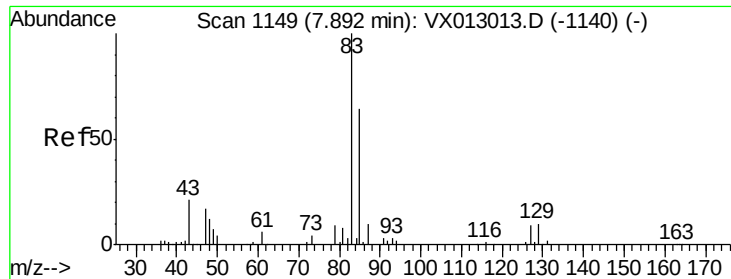
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 20.573 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

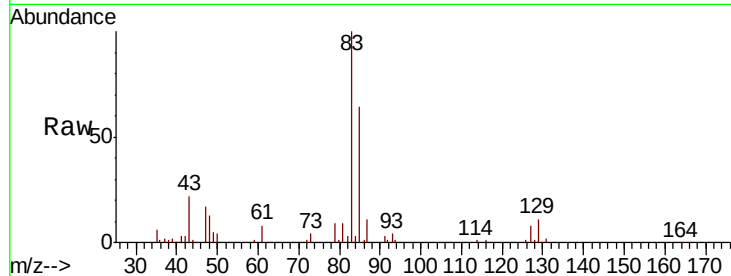
Tot Ion: 83 Resp: 46901

Ion Ratio Lower Upper

83 100

85 64.0 52.4 78.6

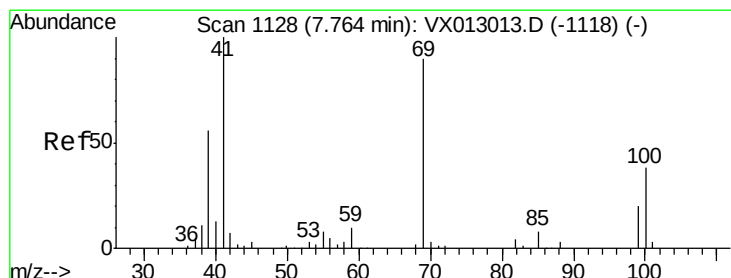
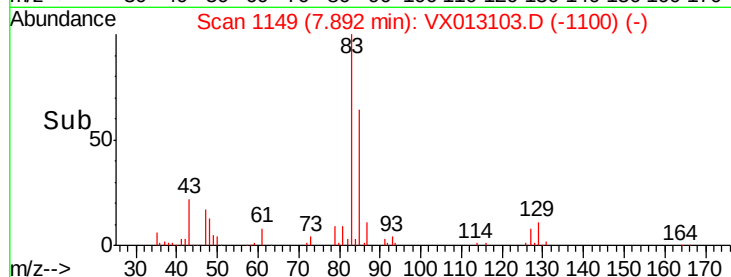
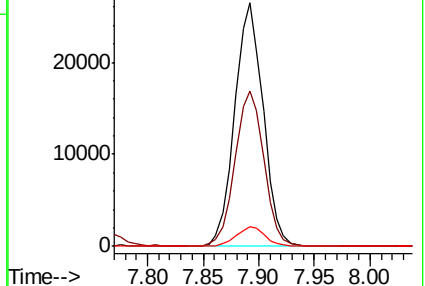
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.422 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

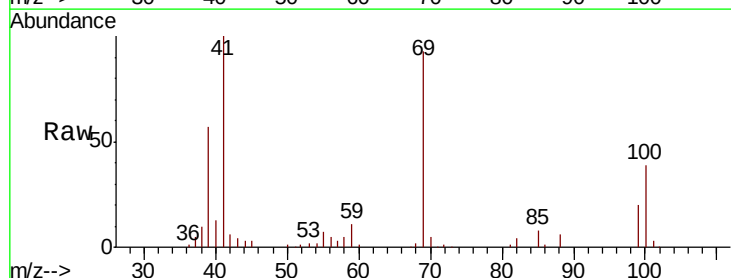
Tgt Ion: 41 Resp: 39566

Ion Ratio Lower Upper

41 100

69 87.7 68.7 103.1

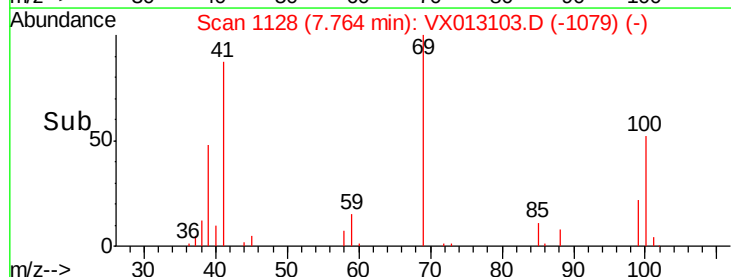
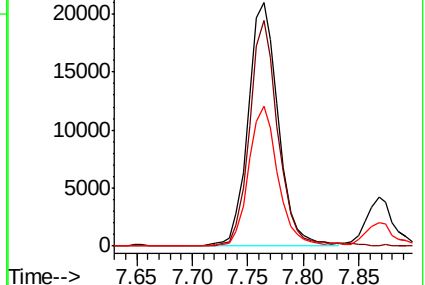
39 56.3 44.3 66.5

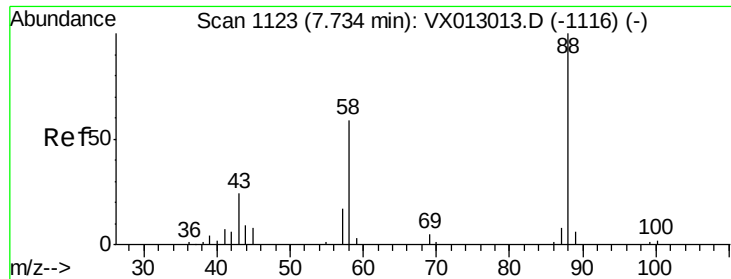


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

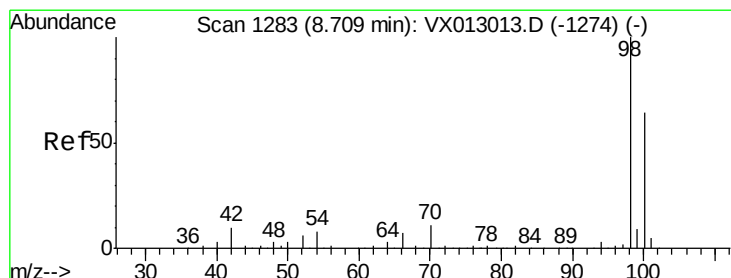
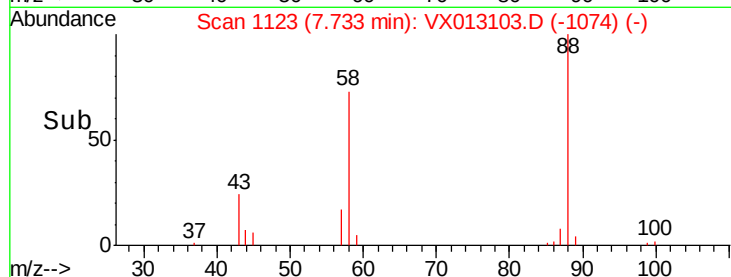
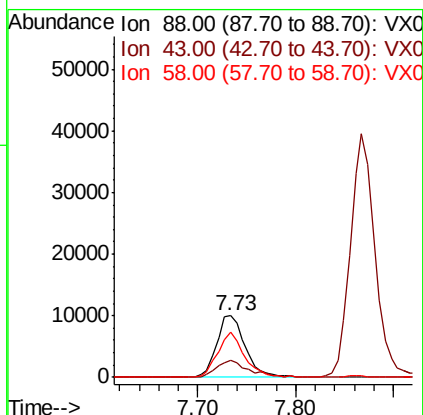
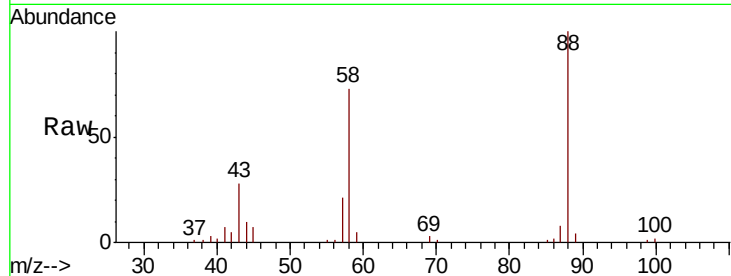




#49
 1,4-Dioxane
 Concen: 392.663 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

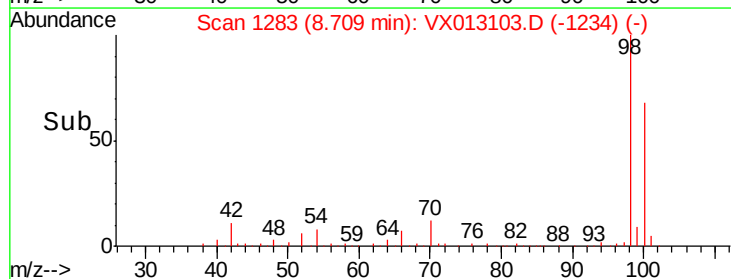
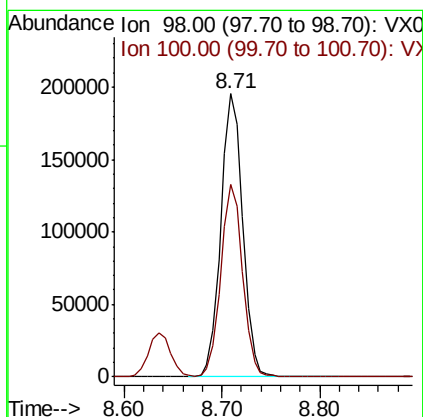
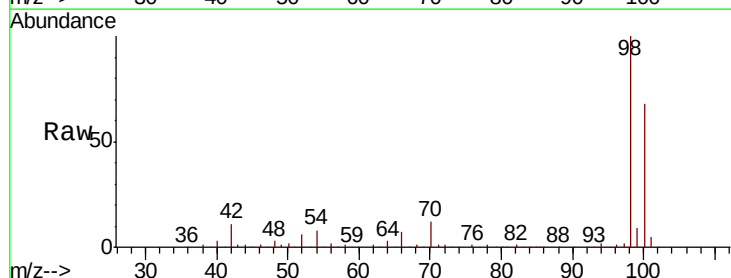
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

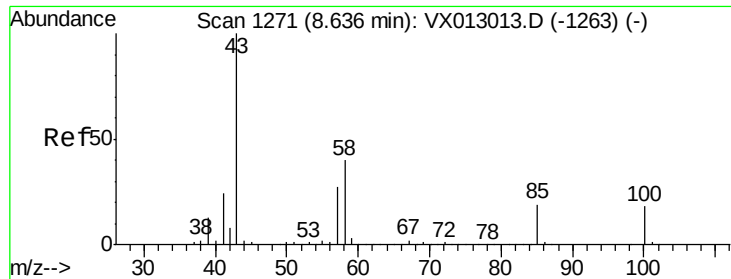
Tot Ion: 88 Resp: 20259
 Ion Ratio Lower Upper
 88 100
 43 31.5 25.0 37.6
 58 69.0 55.4 83.2



#50
 Toluene-d8
 Concen: 51.343 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 98 Resp: 304487
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 101.410 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

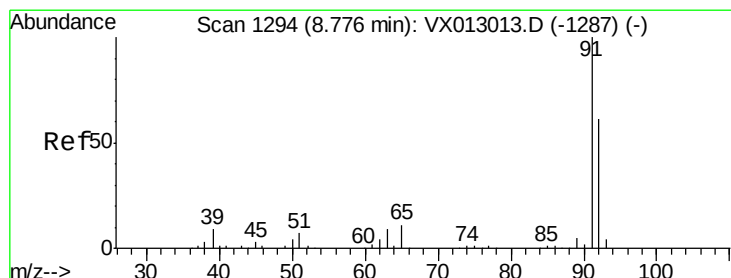
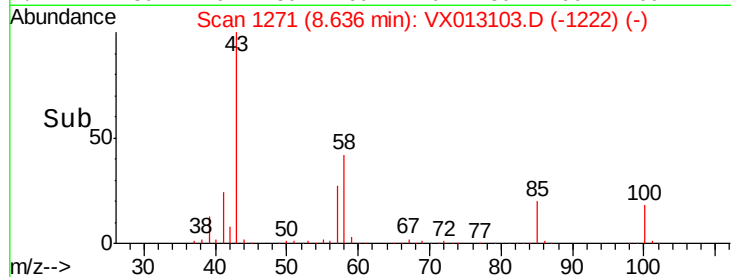
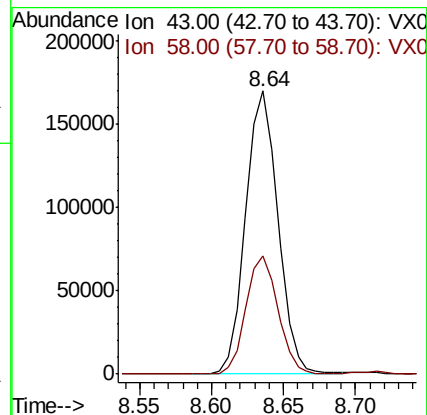
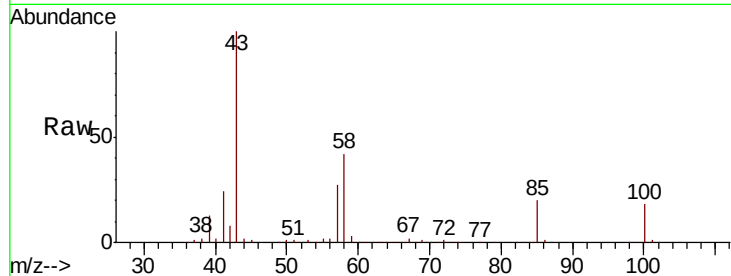
VX1017WBS01

Tot Ion: 43 Resp: 264313

Ion Ratio Lower Upper

43 100

58 41.3 32.4 48.6



#52

Toluene

Concen: 19.898 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013103.D

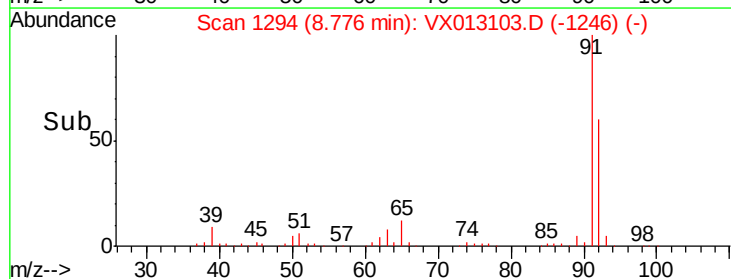
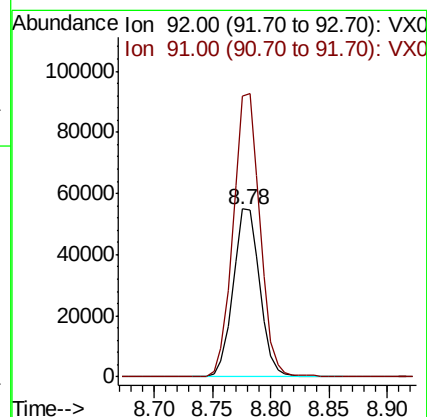
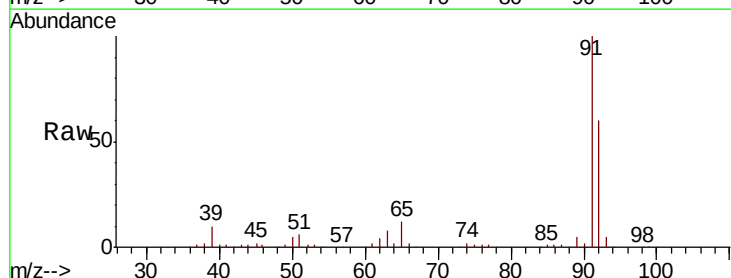
Acq: 17 Oct 2019 13:38

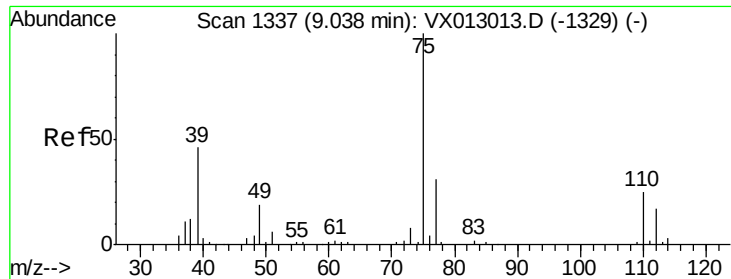
Tgt Ion: 92 Resp: 87577

Ion Ratio Lower Upper

92 100

91 169.7 135.9 203.9

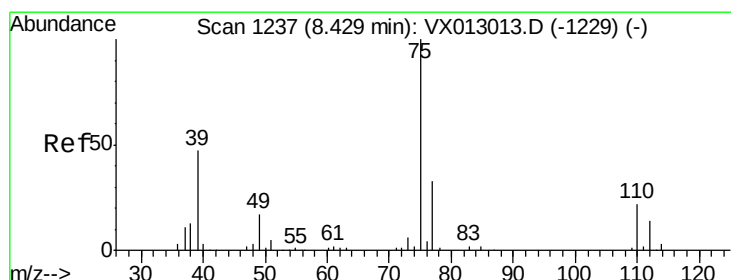
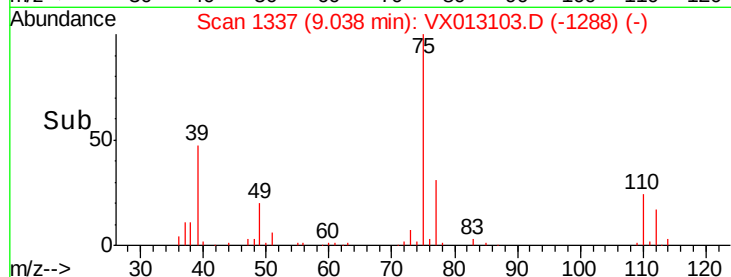
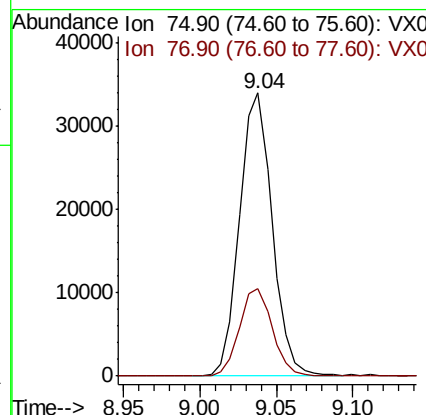
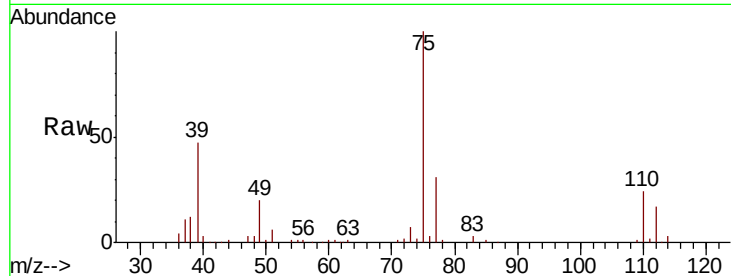




#53
 t-1,3-Dichloropropene
 Concen: 19.034 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

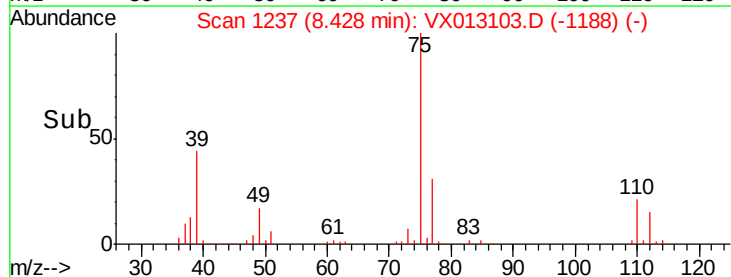
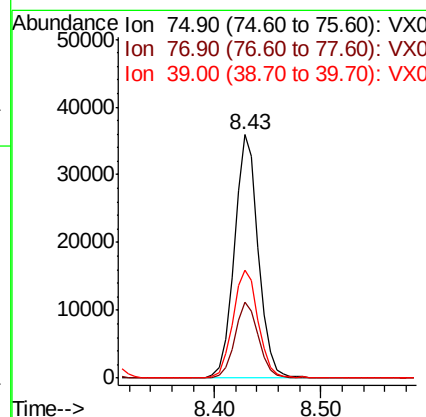
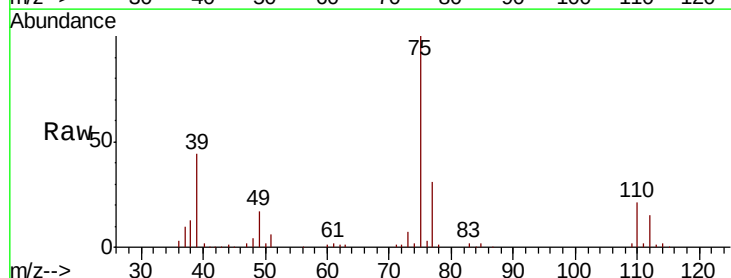
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

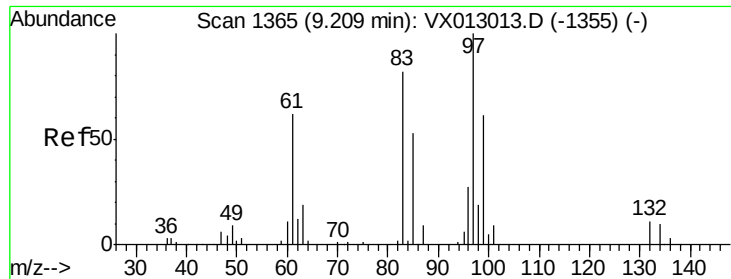
Tot Ion: 75 Resp: 50157
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.111 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 75 Resp: 56389
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8
 39 44.4 38.2 57.2

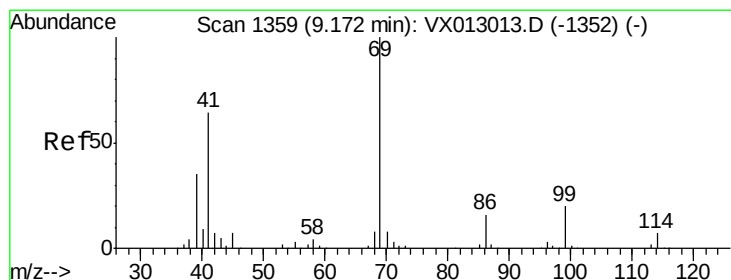
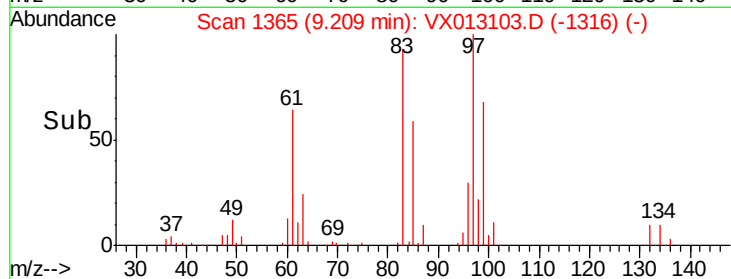
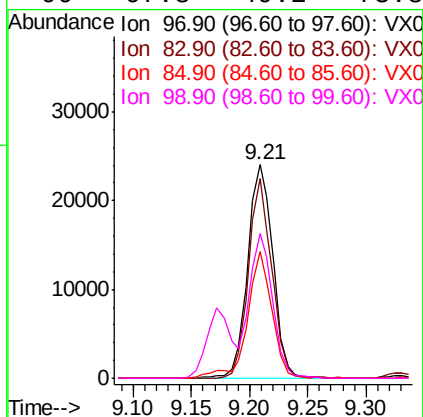
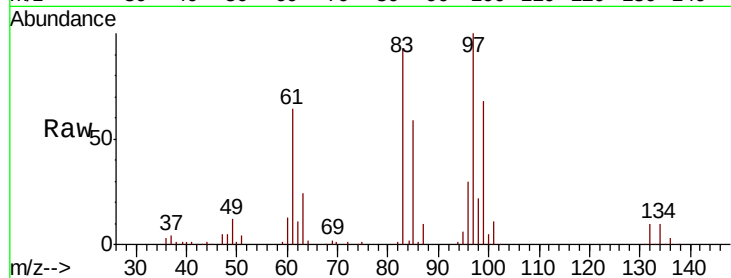




#55
 1,1,2-Trichloroethane
 Concen: 20.926 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

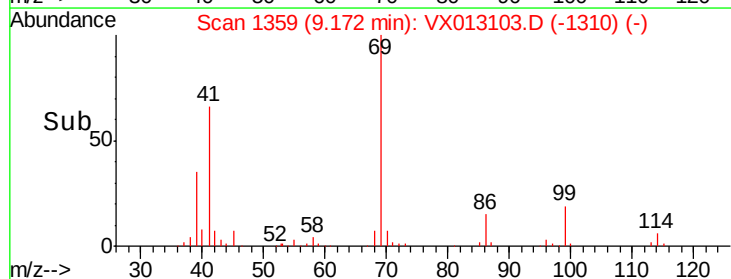
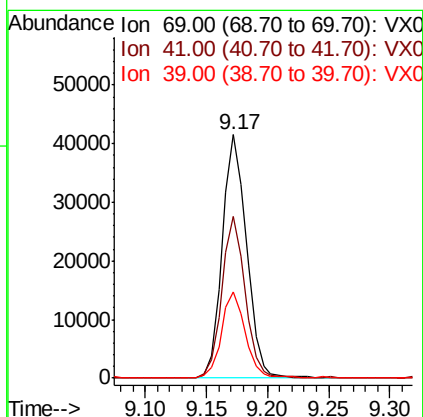
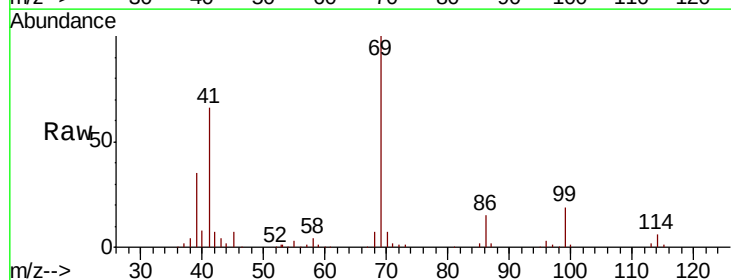
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

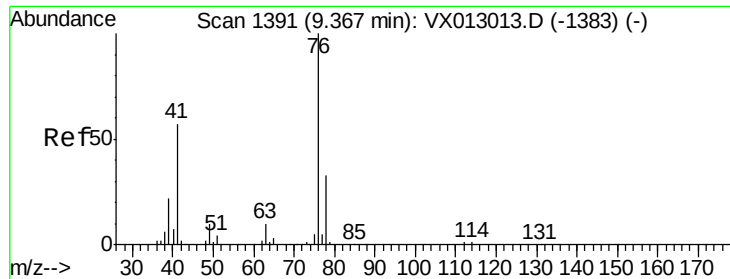
Tot Ion	Ratio	Lower	Upper
97	100		
83	93.4	66.5	99.7
85	59.4	43.1	64.7
99	67.8	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.568 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.1	78.1
39	35.2	27.8	41.8

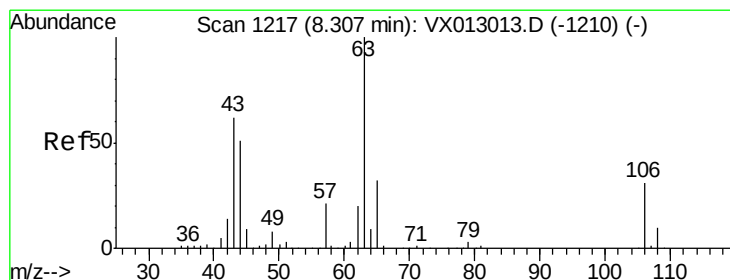
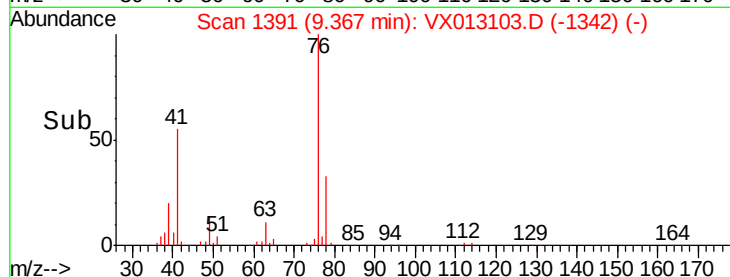
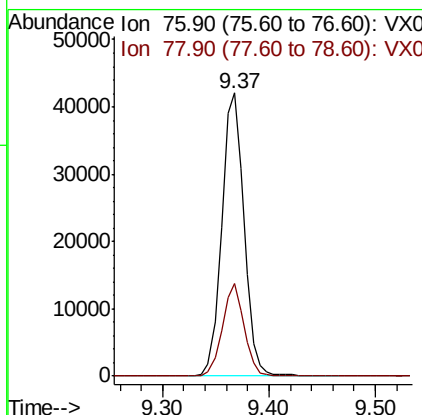
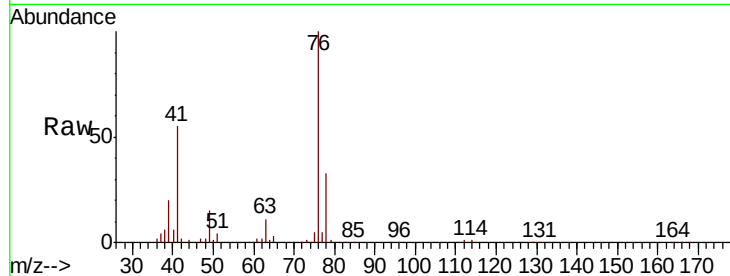




#57
 1,3-Dichloropropane
 Concen: 20.387 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

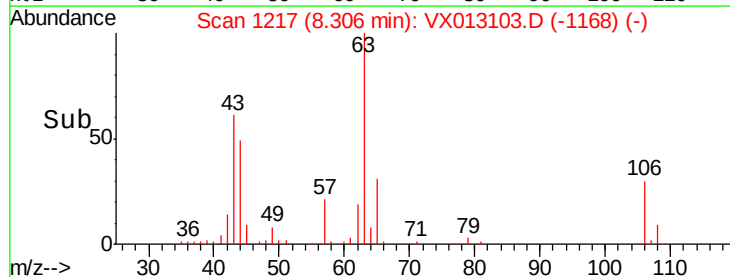
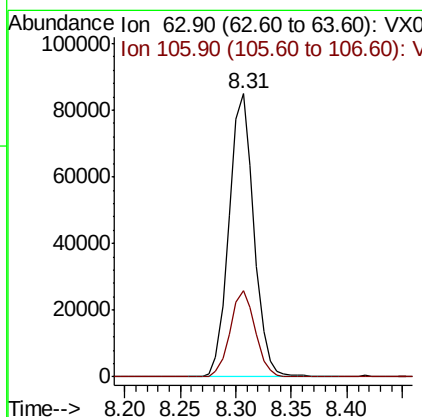
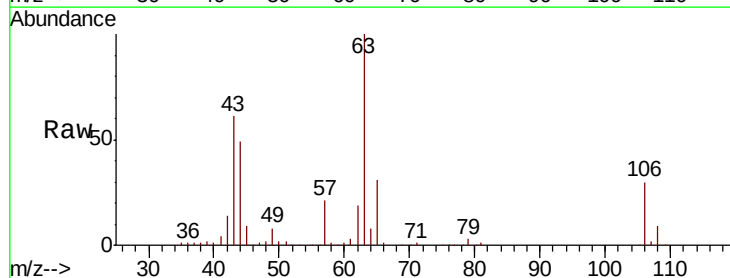
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

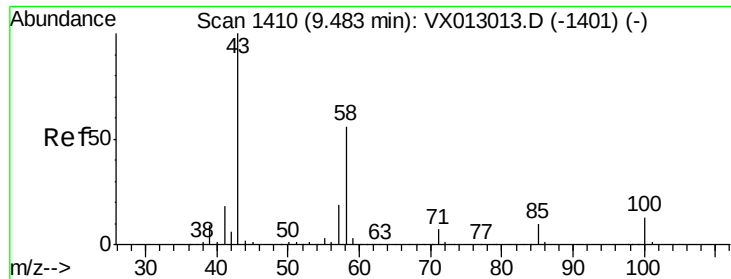
Tot Ion: 76 Resp: 61425
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.666 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 63 Resp: 131364
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.8 35.8

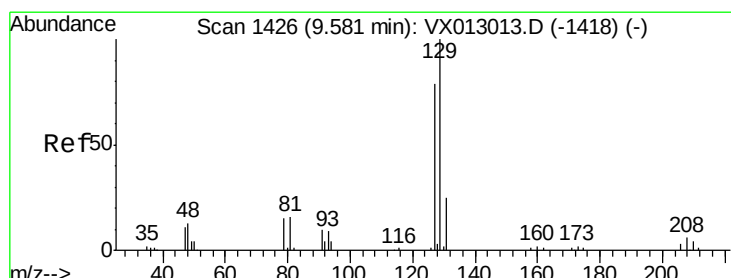
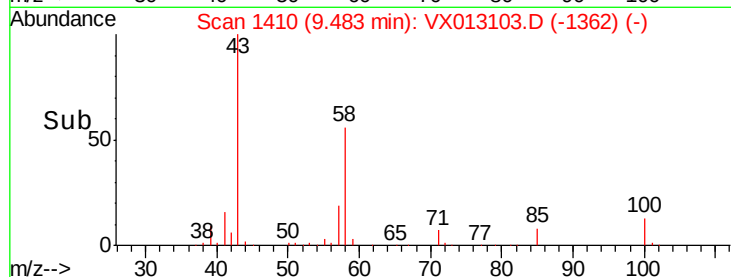
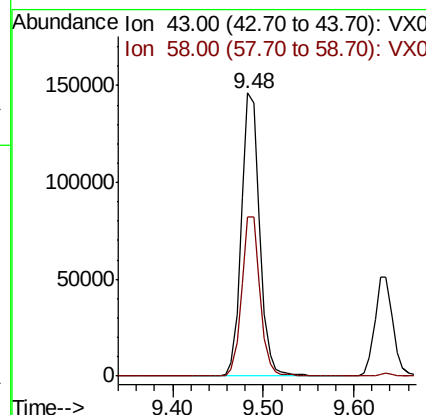
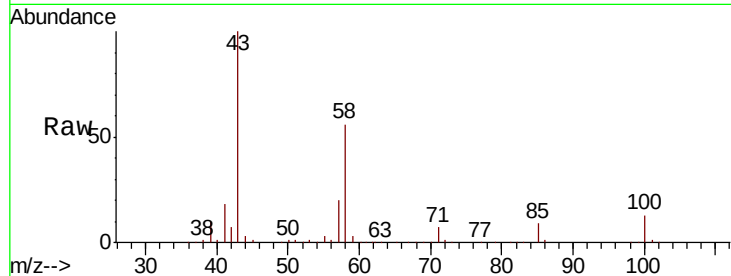




#59
2-Hexanone
Concen: 100.551 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

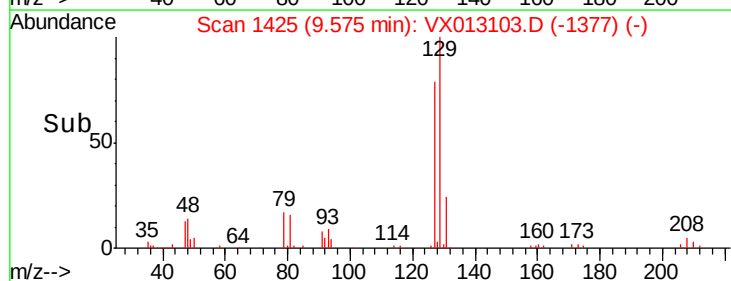
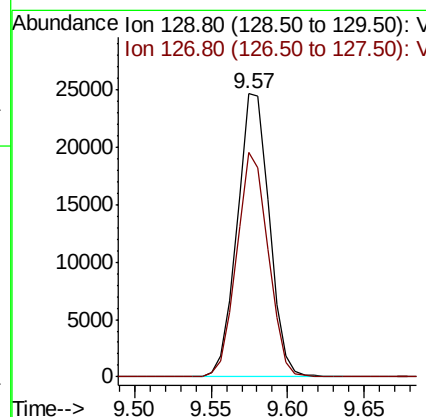
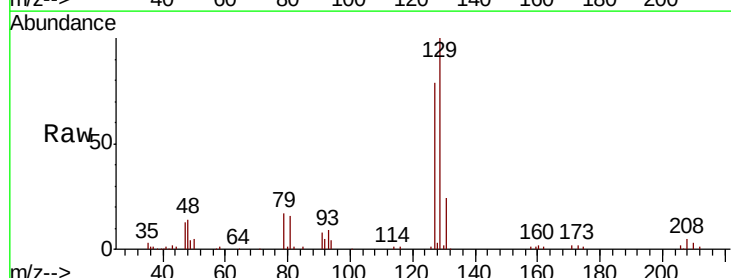
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

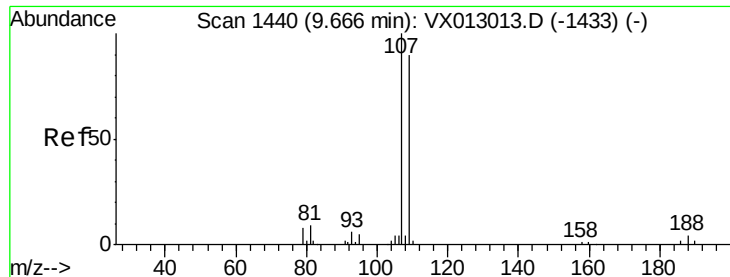
Tot Ion: 43 Resp: 204008
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:129 Resp: 35899
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.992 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

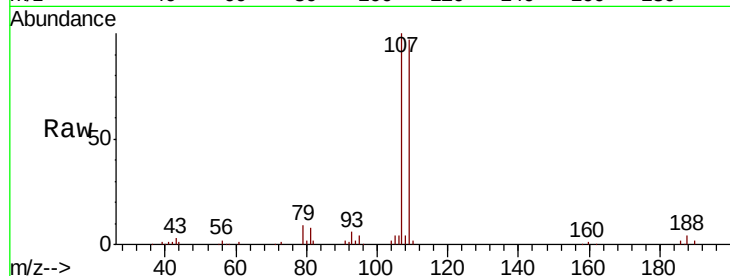
VX1017WBS01

Tot Ion:107 Resp: 38463

Ion Ratio Lower Upper

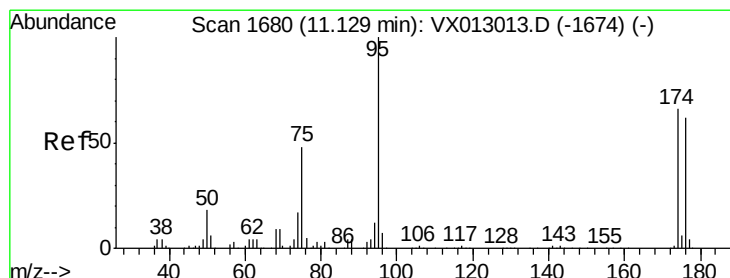
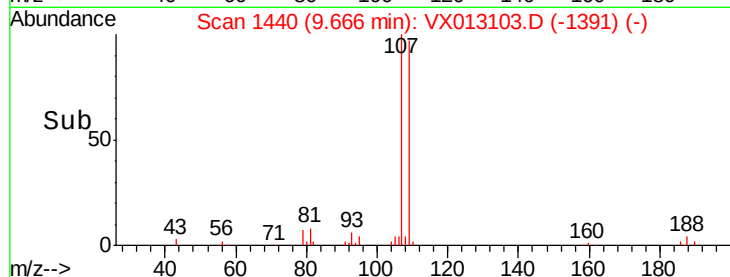
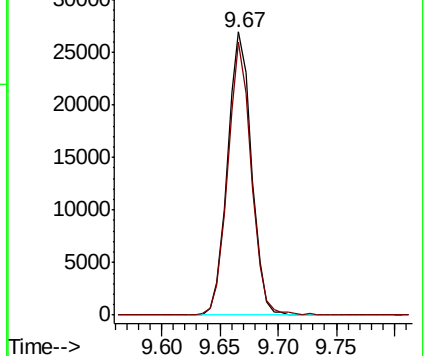
107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.095 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

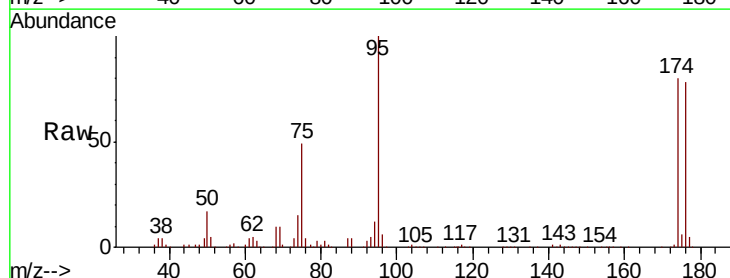
Tgt Ion: 95 Resp: 115436

Ion Ratio Lower Upper

95 100

174 76.9 0.0 143.4

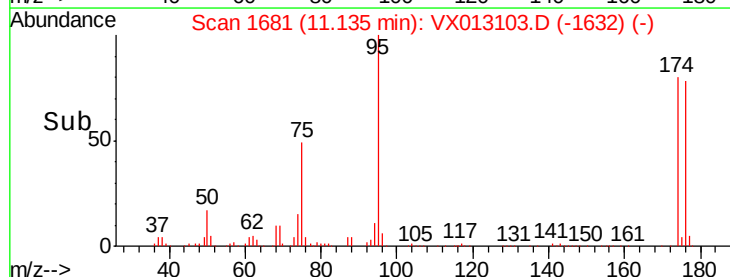
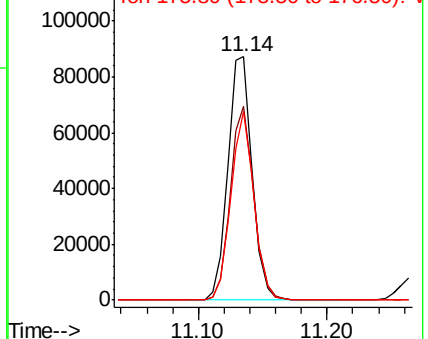
176 73.6 0.0 136.0

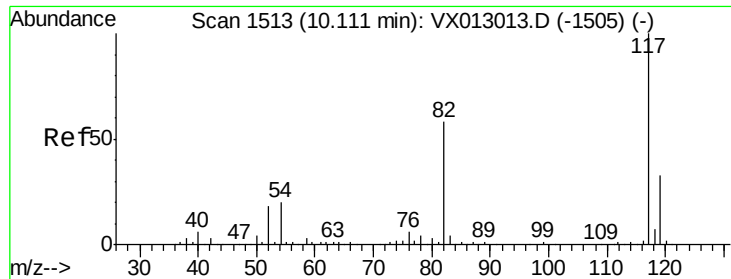


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

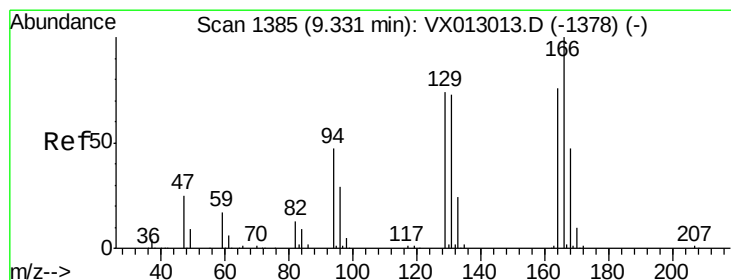
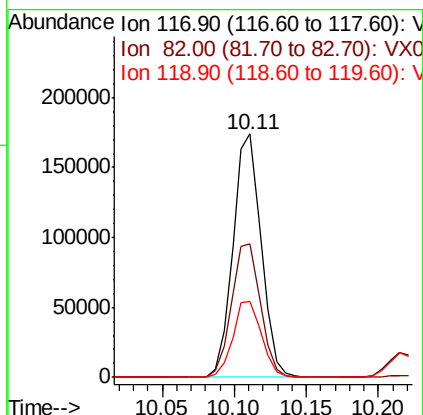
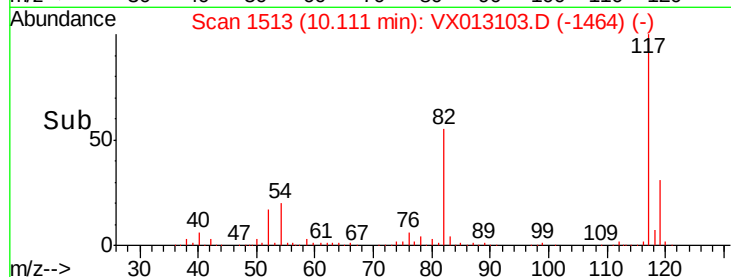
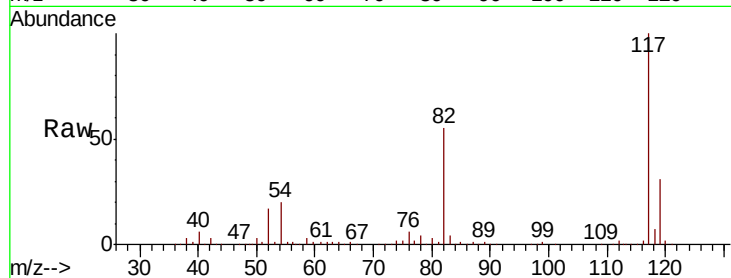




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

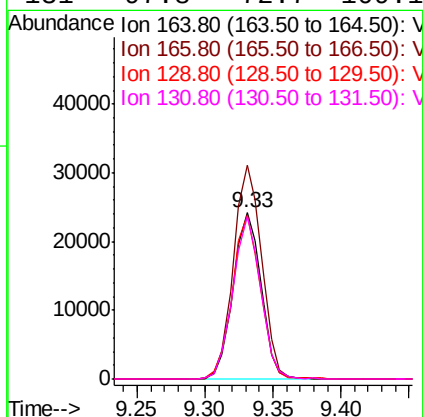
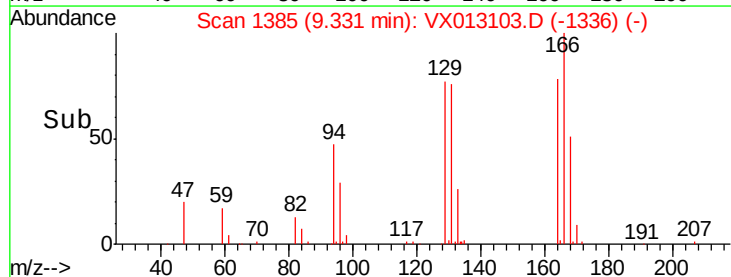
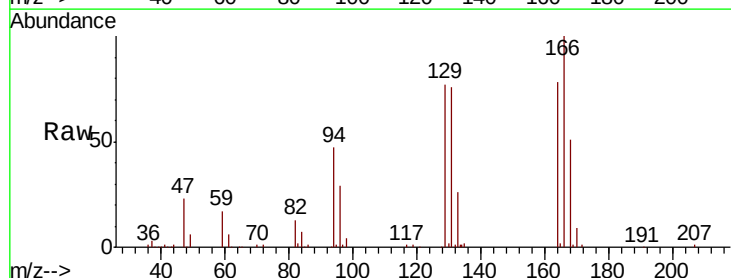
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

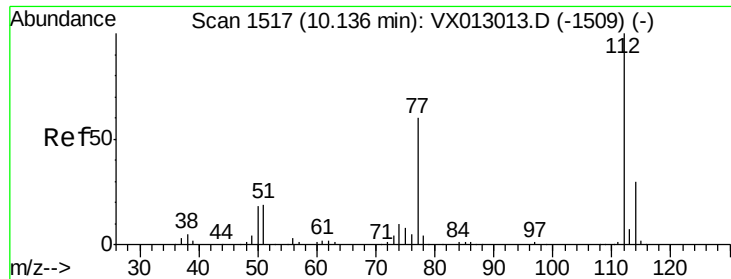
Tot Ion:117 Resp: 238412
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 20.909 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:164 Resp: 34576
Ion Ratio Lower Upper
164 100
166 128.8 96.9 145.3
129 99.1 77.9 116.9
131 97.8 72.7 109.1





#65

Chlorobenzene

Concen: 20.003 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

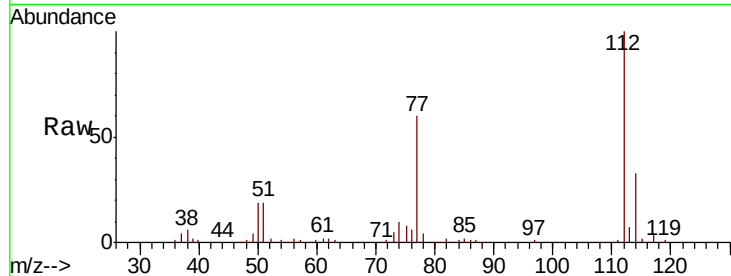
VX1017WBS01

Tot Ion:112 Resp: 94703

Ion Ratio Lower Upper

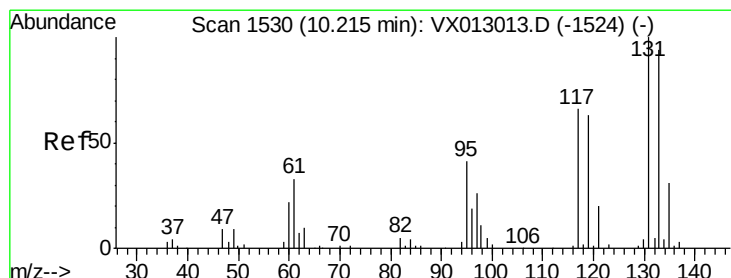
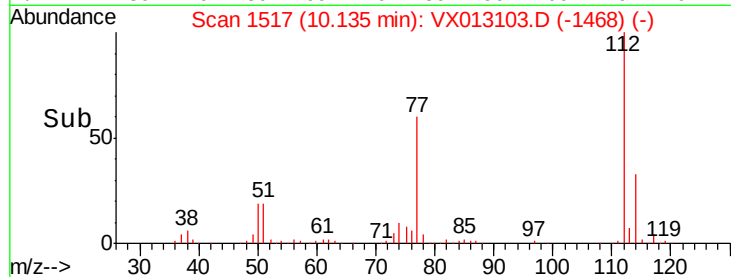
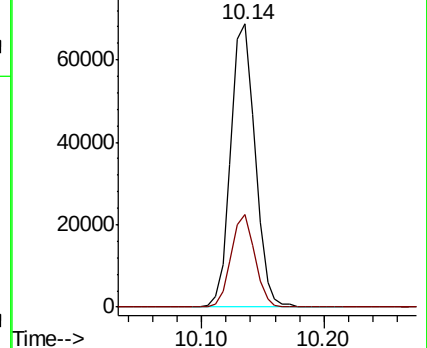
112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.339 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

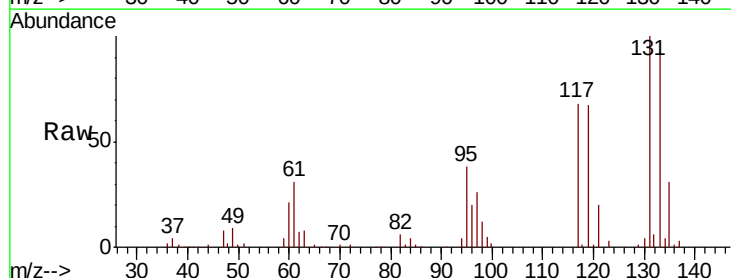
Tgt Ion:131 Resp: 35030

Ion Ratio Lower Upper

131 100

133 94.7 47.2 141.6

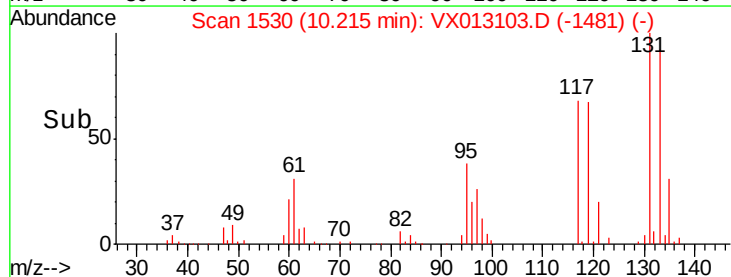
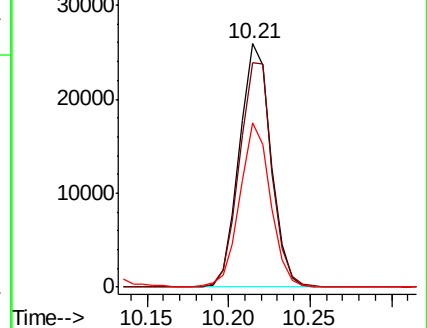
119 65.2 32.6 98.0

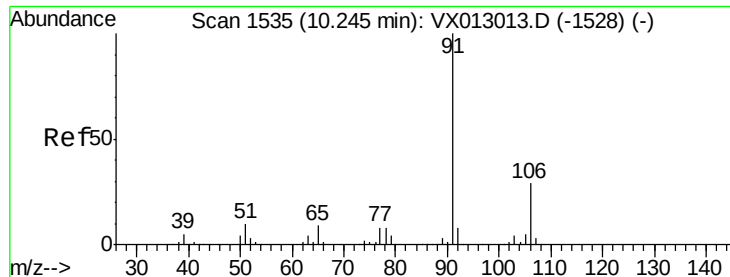


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

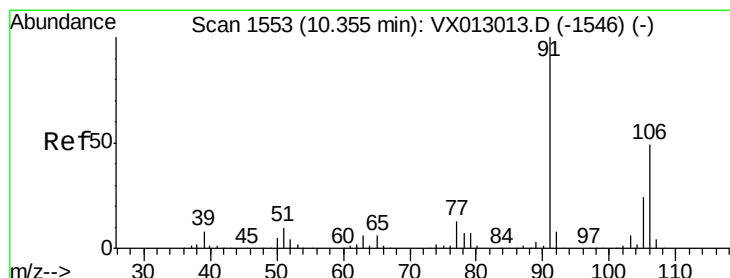
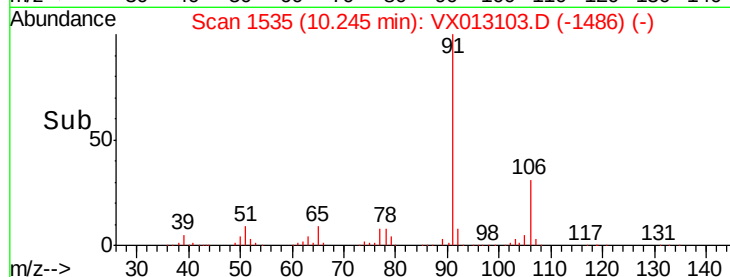
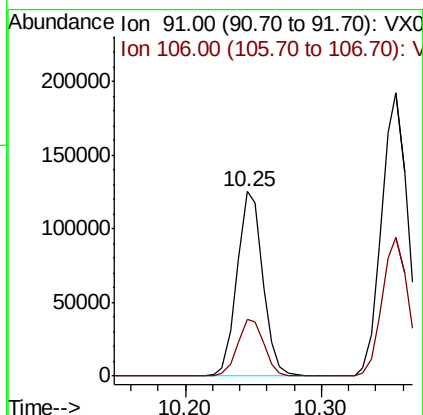
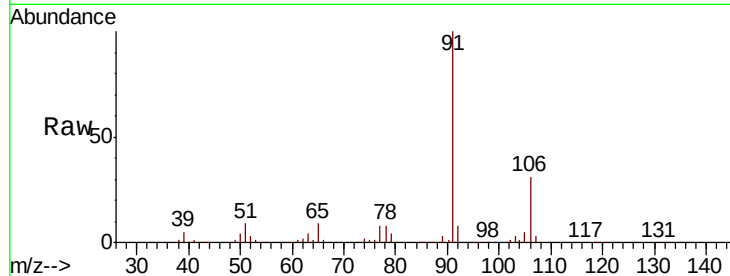




#67
Ethyl Benzene
Concen: 19.732 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

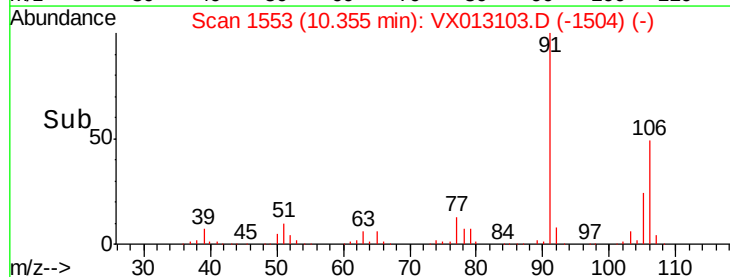
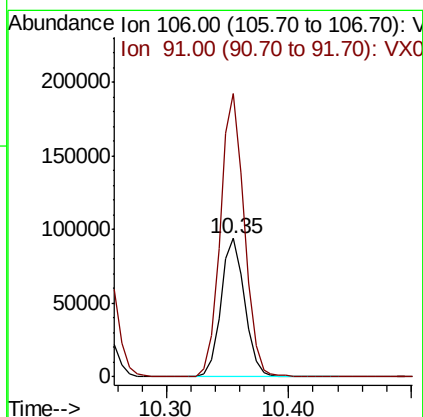
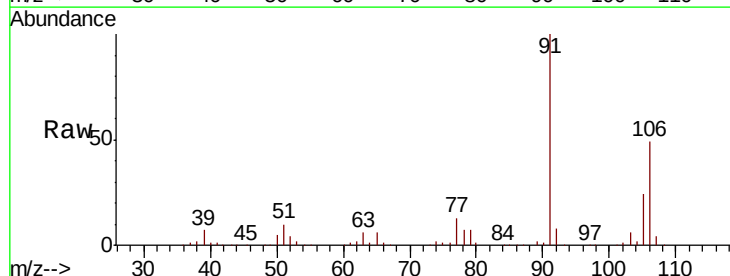
Instrument :
MSVOA_X
ClientSampled :
VX1017WBS01

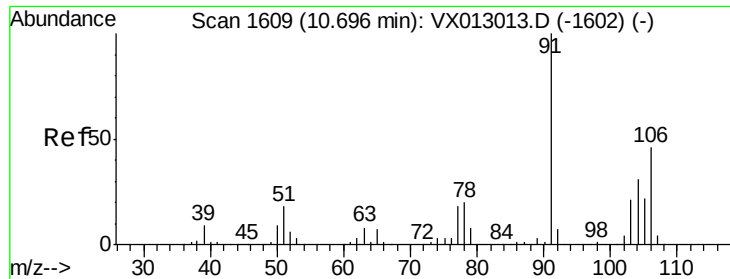
Tot Ion: 91 Resp: 165946
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



#68
m/p-Xylenes
Concen: 40.334 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 106 Resp: 126718
Ion Ratio Lower Upper
106 100
91 205.6 165.3 247.9

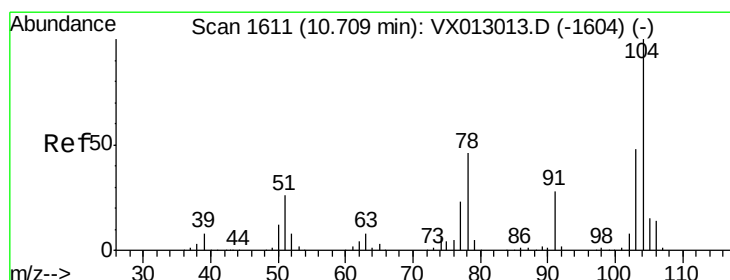
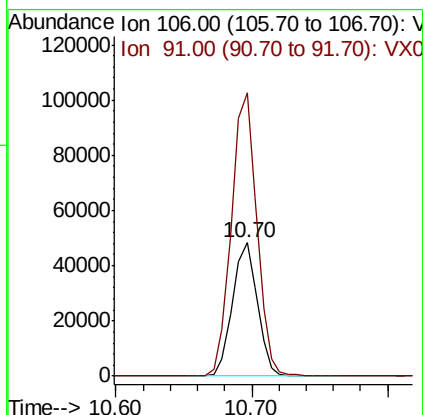
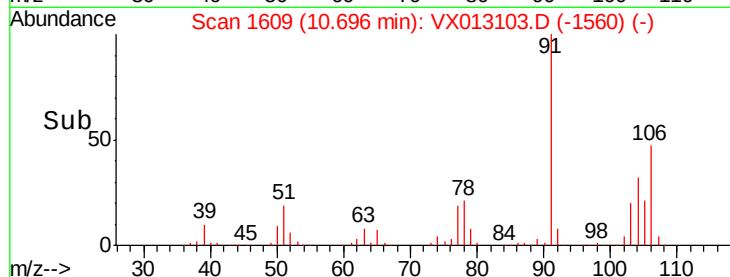
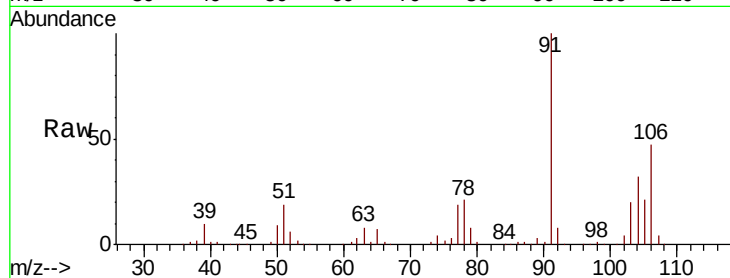




#69
o-Xylene
Concen: 20.129 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

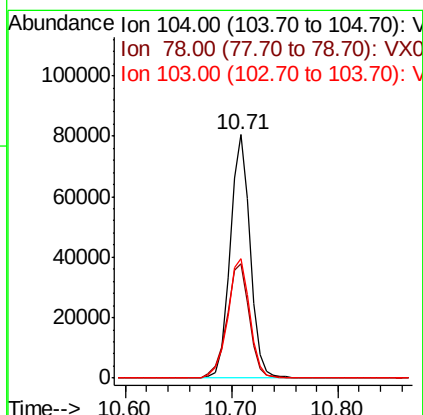
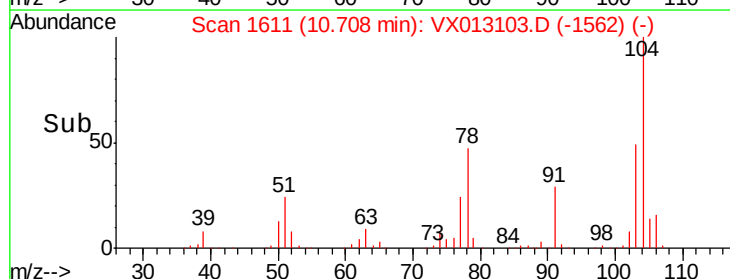
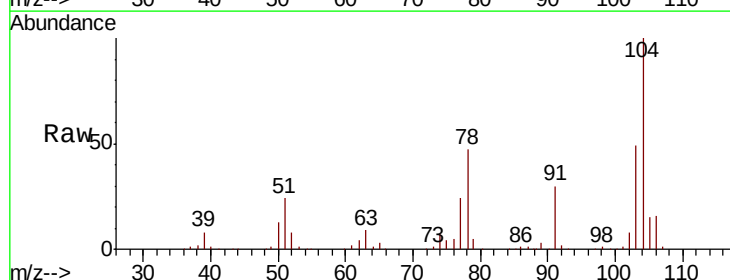
Instrument :
MSVOA_X
ClientSampled :
VX1017WBS01

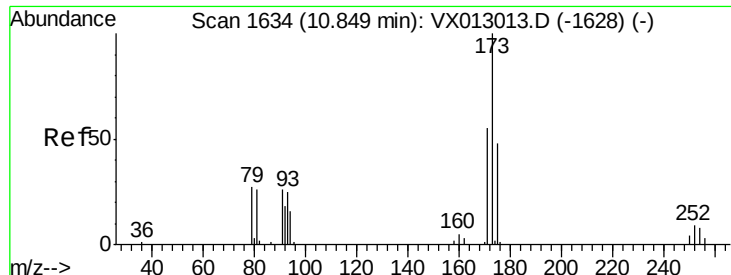
Tot Ion:106 Resp: 61670
Ion Ratio Lower Upper
106 100
91 216.5 109.1 327.3



#70
Styrene
Concen: 20.345 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:104 Resp: 105964
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 54.1 43.0 64.4





#71

Bromoform

Concen: 19.125 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

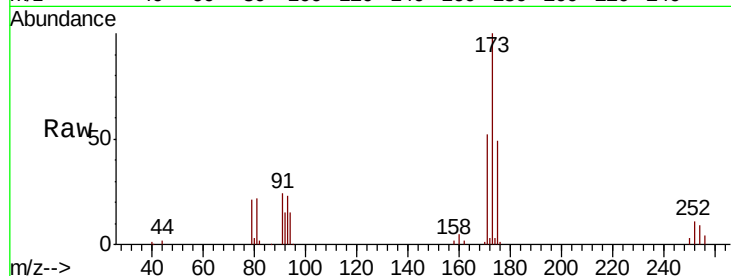
Tot Ion:173 Resp: 23859

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

254 0.0 0.1 0.1#

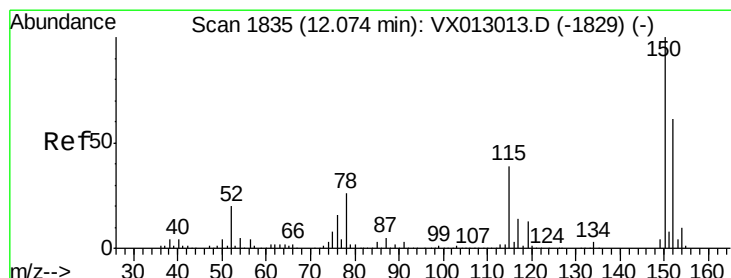
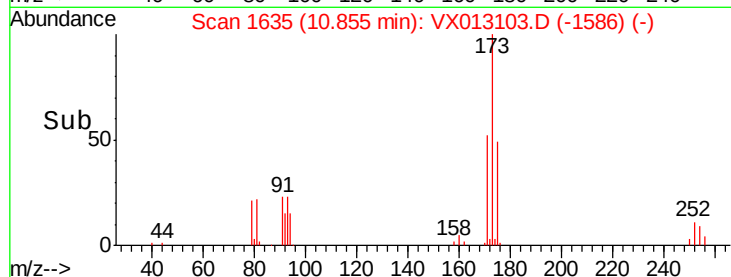
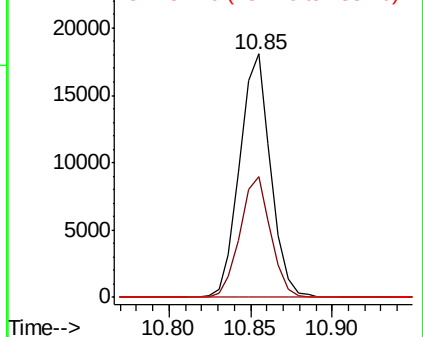


Abundance

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: VX013103.D

Acq: 17 Oct 2019 13:38

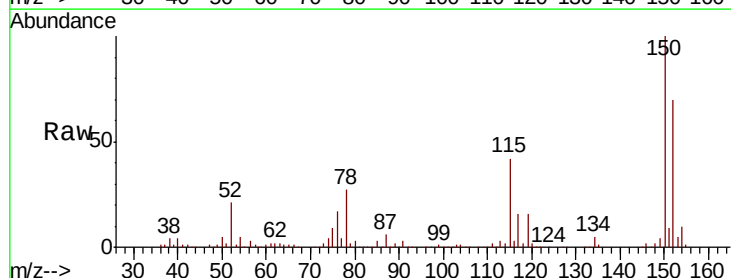
Tgt Ion:152 Resp: 114415

Ion Ratio Lower Upper

152 100

115 69.9 44.5 133.5

150 158.8 0.0 353.4

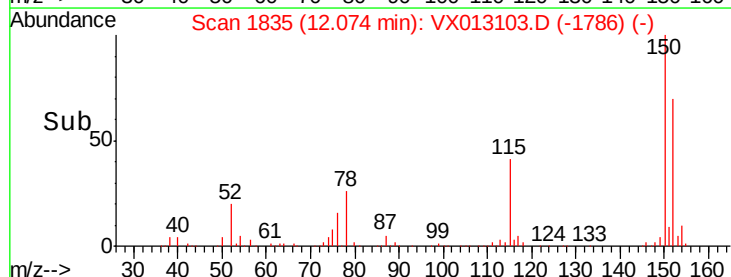
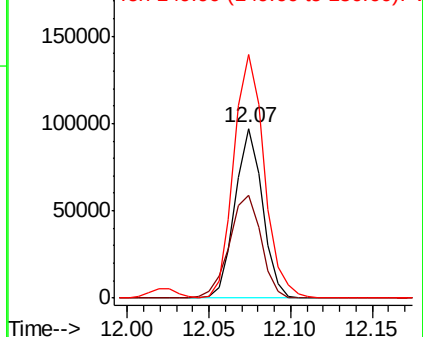


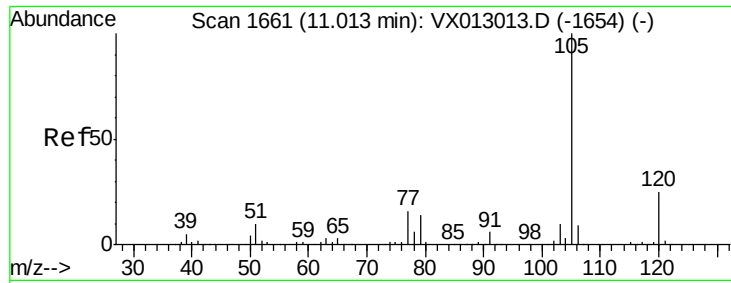
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.591 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

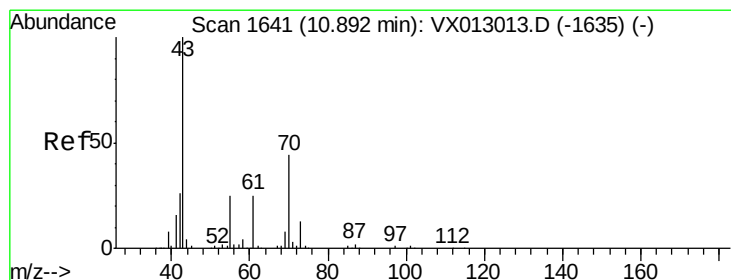
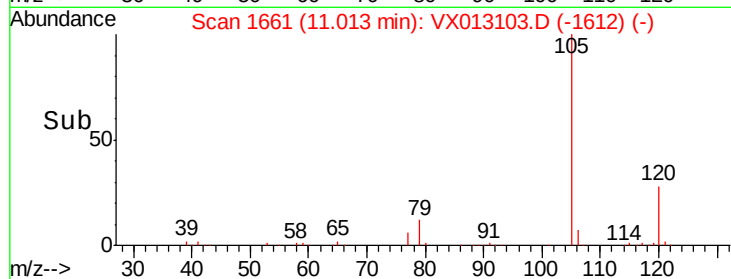
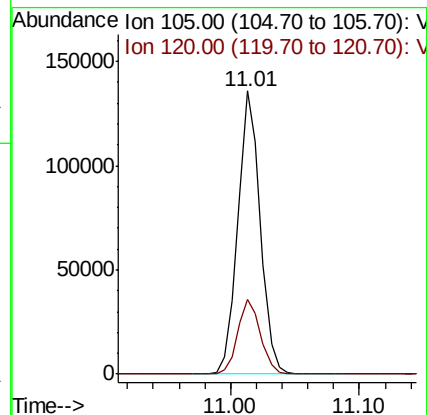
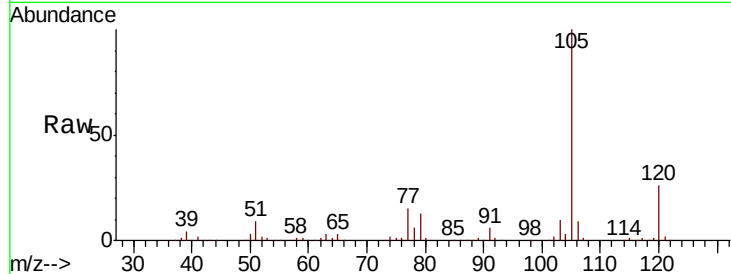
VX1017WBS01

Tot Ion:105 Resp: 164798

Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0



#74

N-ethyl acetate

Concen: 18.702 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion: 43 Resp: 67754

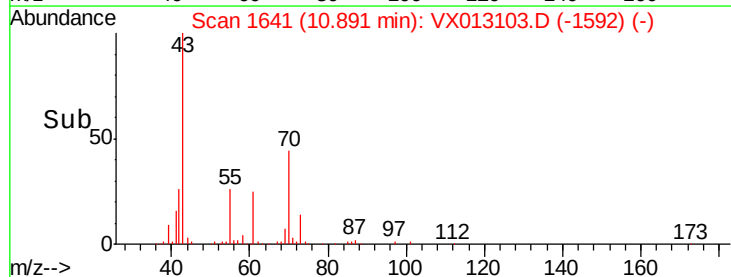
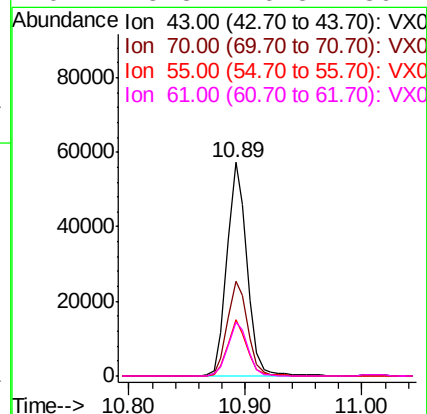
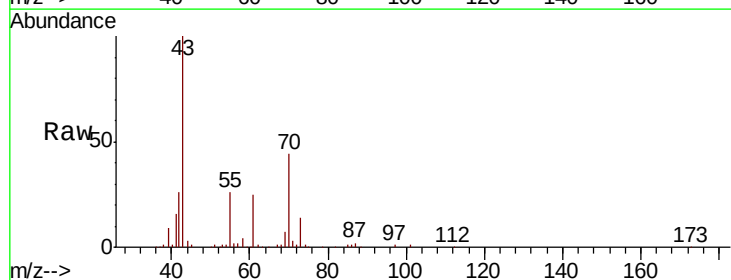
Ion Ratio Lower Upper

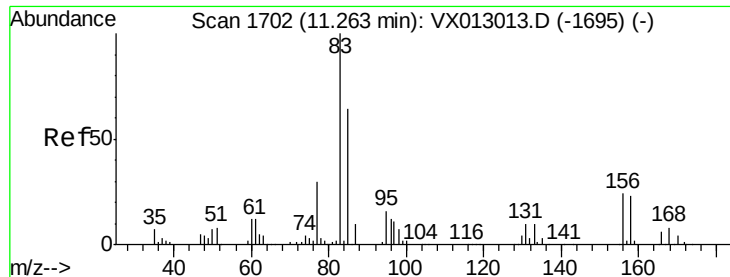
43 100

70 45.2 36.4 54.6

55 25.4 20.2 30.2

61 25.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.019 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

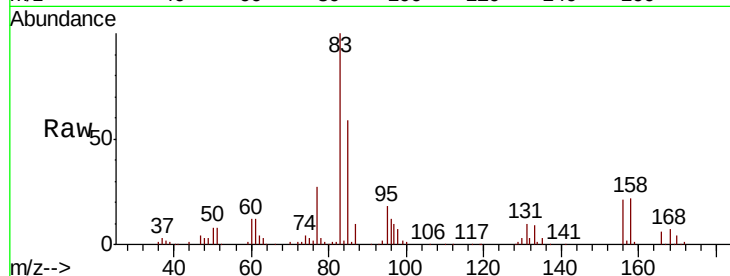
Tot Ion: 83 Resp: 56011

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

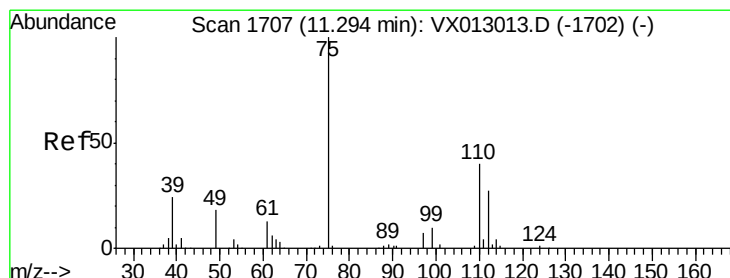
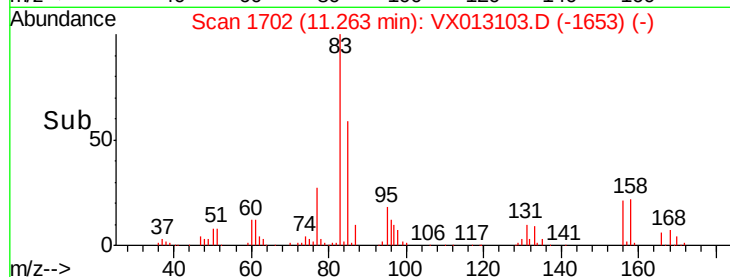
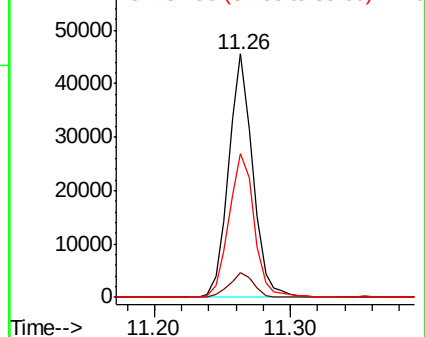
85 62.0 32.1 96.5



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: 24.333 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013103.D

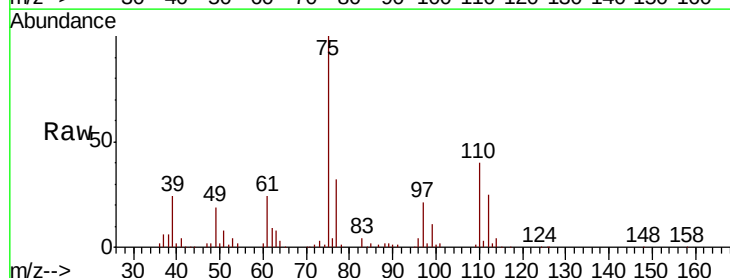
Acq: 17 Oct 2019 13:38

Tgt Ion: 75 Resp: 61751

Ion Ratio Lower Upper

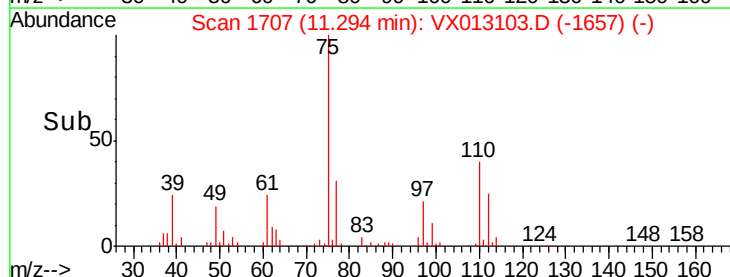
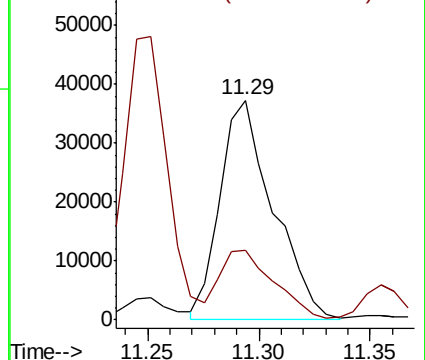
75 100

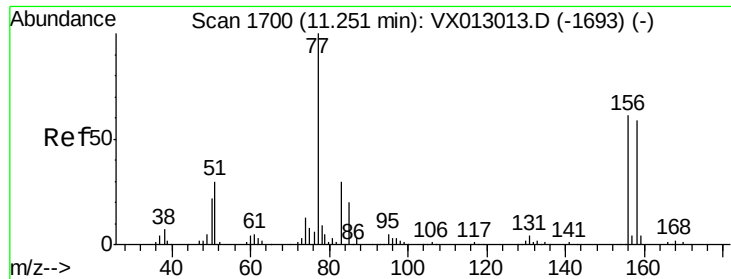
77 32.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.508 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

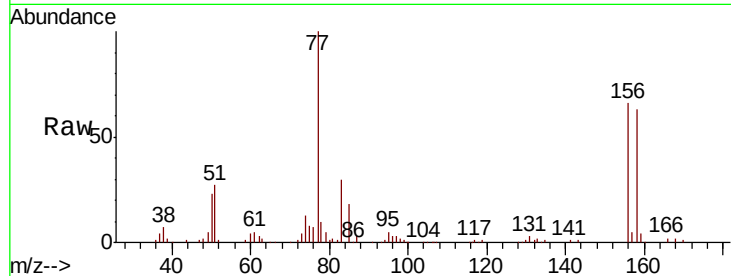
Tot Ion:156 Resp: 38671

Ion Ratio Lower Upper

156 100

77 169.9 83.7 251.0

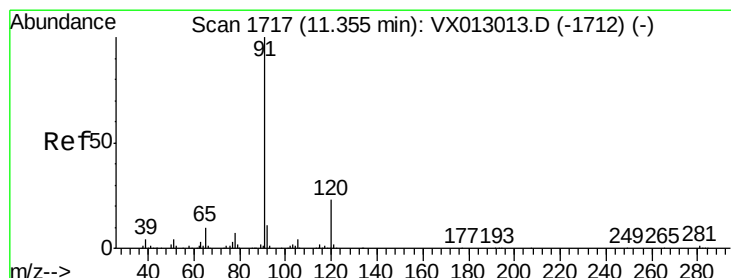
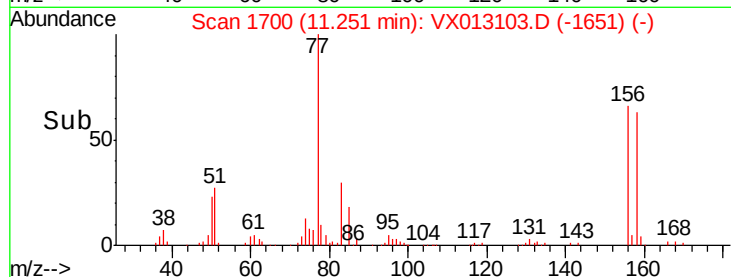
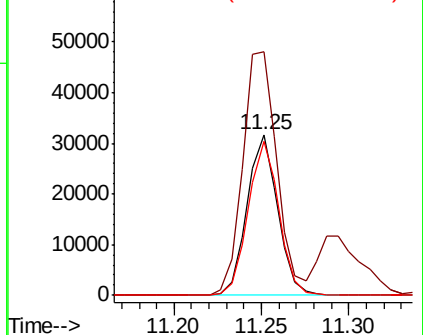
158 96.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.970 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013103.D

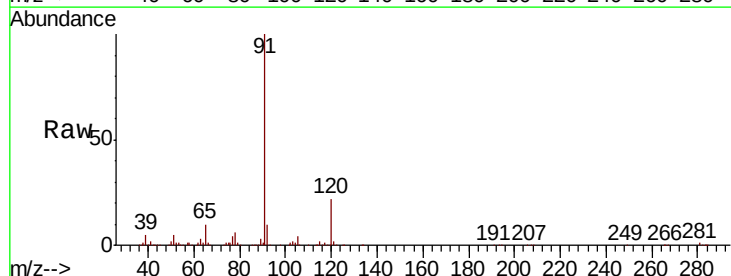
Acq: 17 Oct 2019 13:38

Tgt Ion: 91 Resp: 184852

Ion Ratio Lower Upper

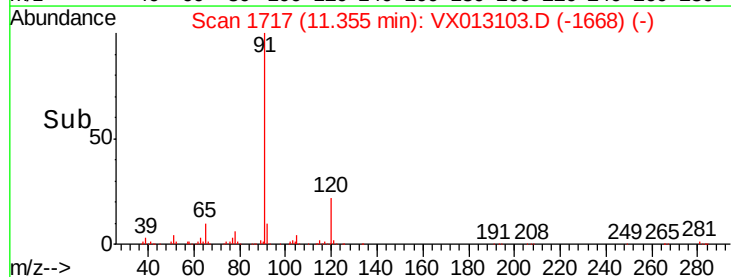
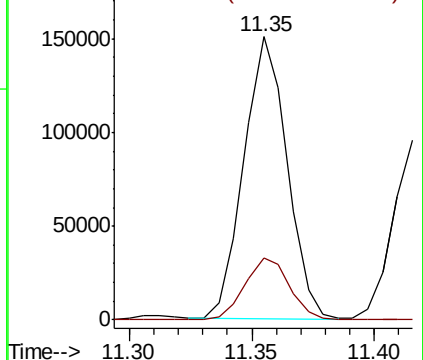
91 100

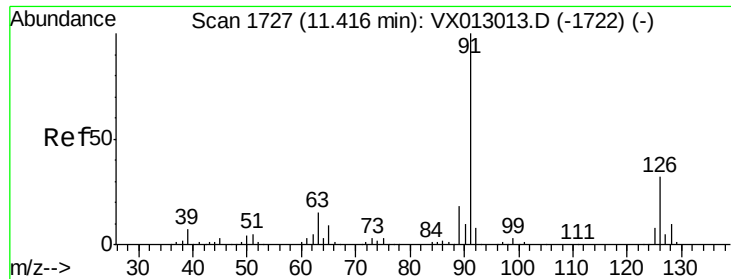
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

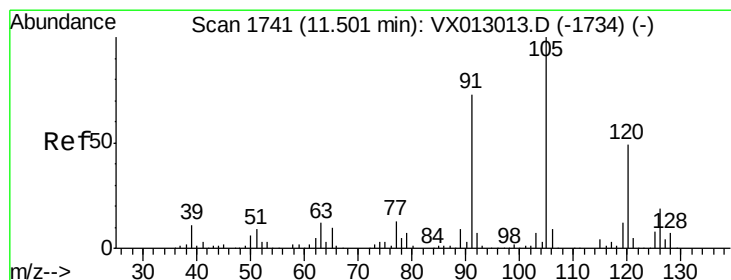
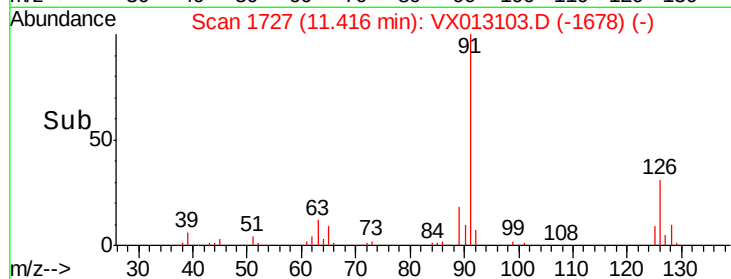
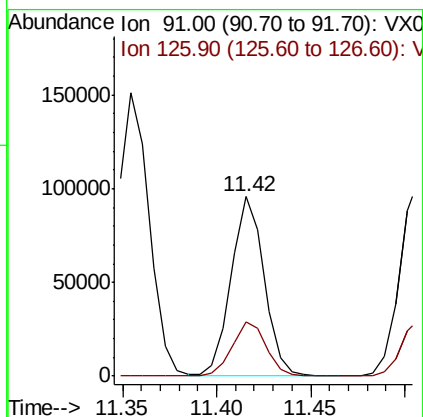
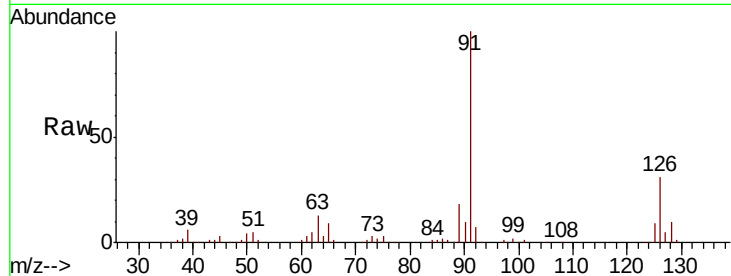




#79
 2-Chlorotoluene
 Concen: 19.909 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

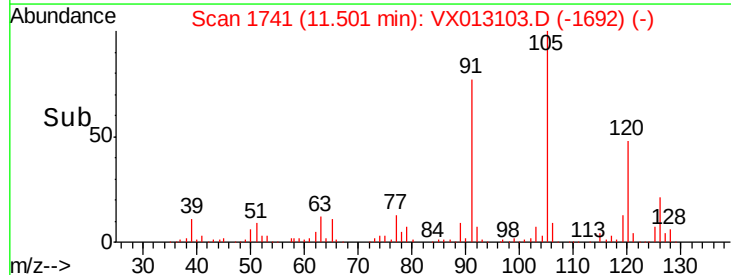
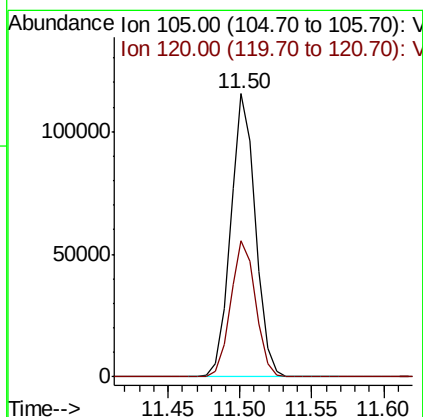
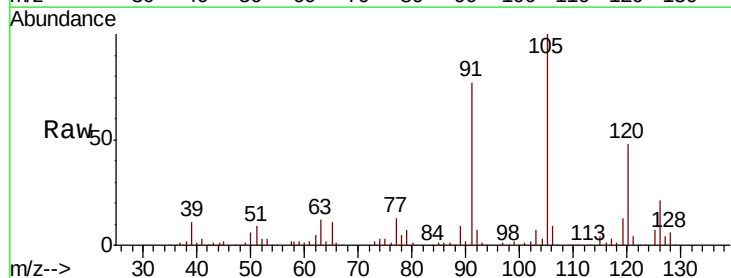
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

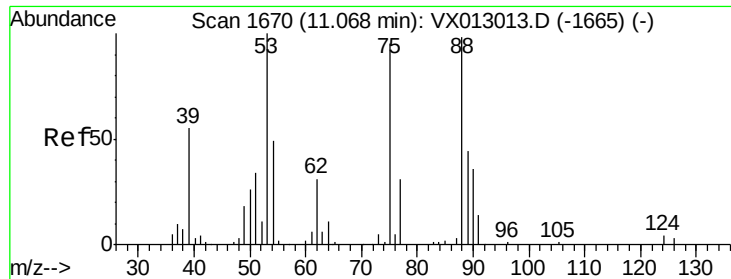
Tot Ion: 91 Resp: 115814
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.817 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 105 Resp: 139199
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.639 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

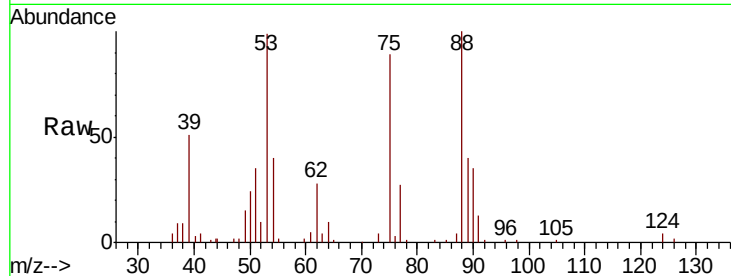
Tot Ion: 75 Resp: 15641

Ion Ratio Lower Upper

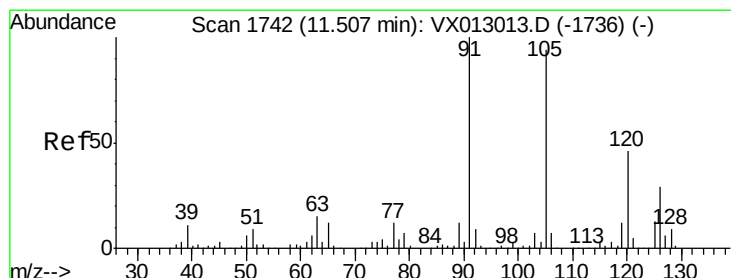
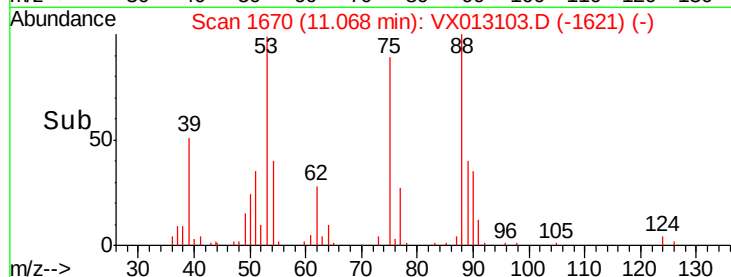
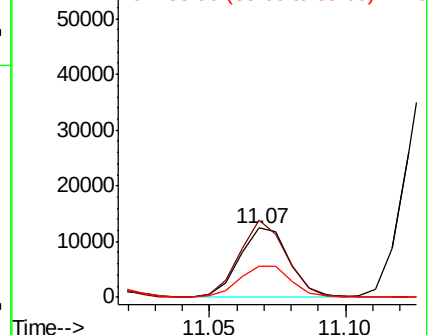
75 100

53 107.1 78.5 117.7

89 47.2 37.4 56.2



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: 19.505 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013103.D

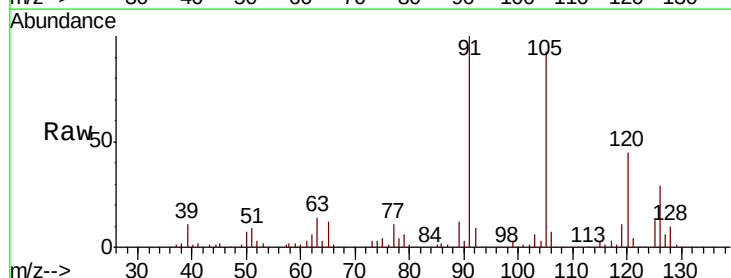
Acq: 17 Oct 2019 13:38

Tgt Ion: 91 Resp: 130055

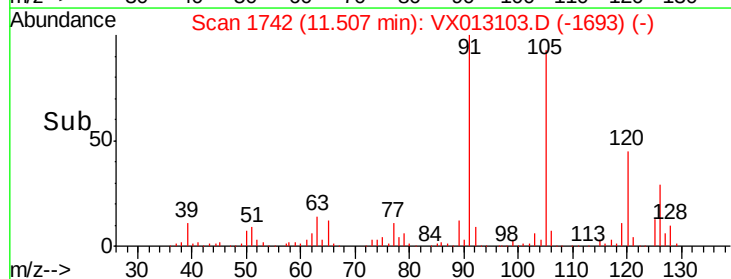
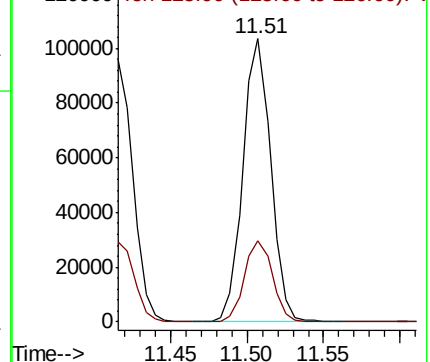
Ion Ratio Lower Upper

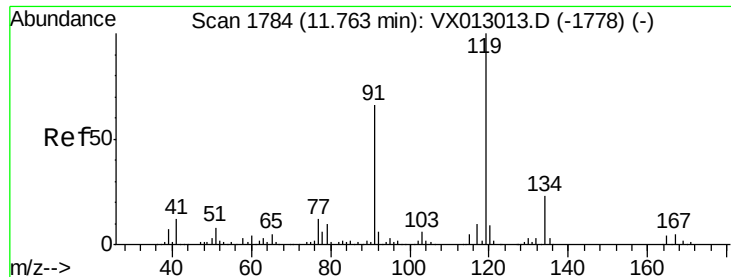
91 100

126 29.4 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

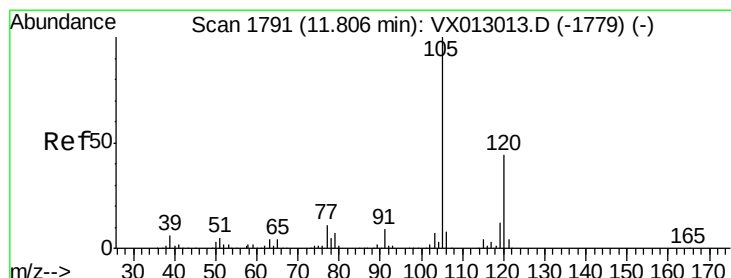
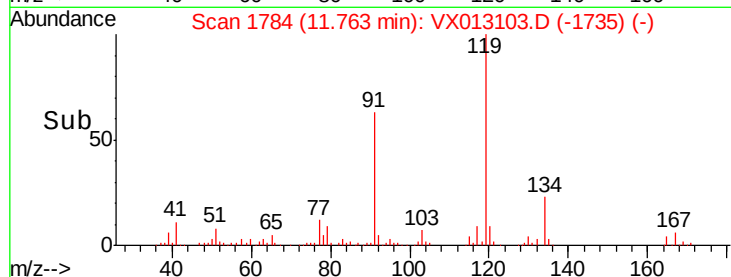
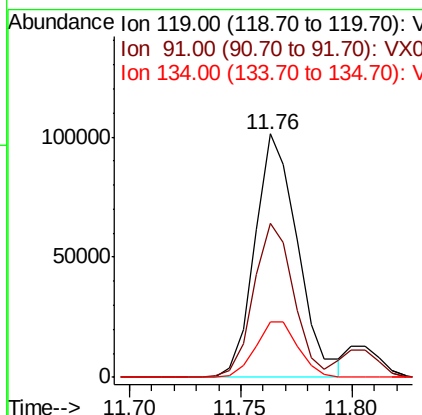
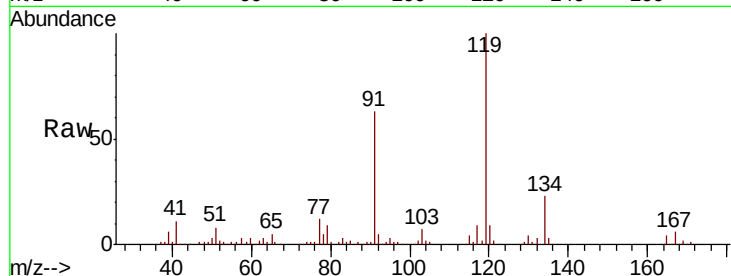




#83
 tert-Butylbenzene
 Concen: 19.733 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

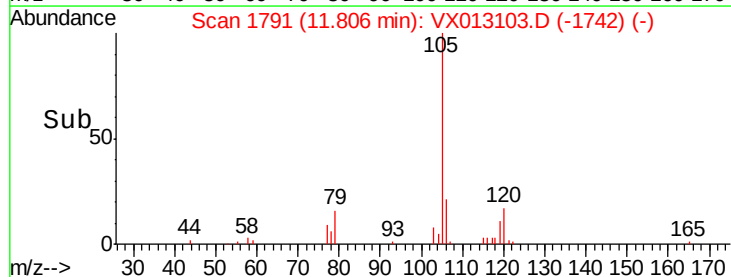
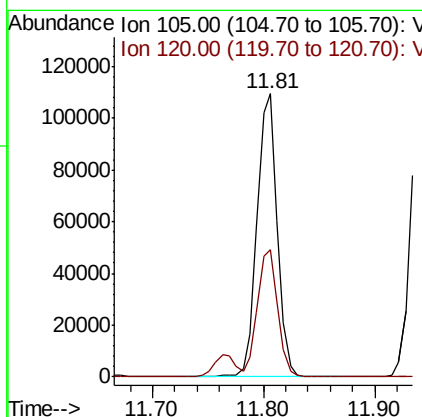
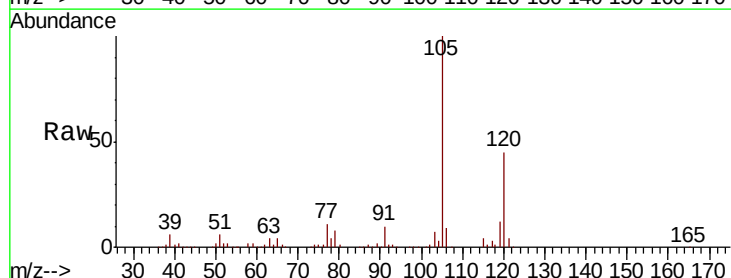
Instrument :
 MSVOA_X
 ClientSampled :
 VX1017WBS01

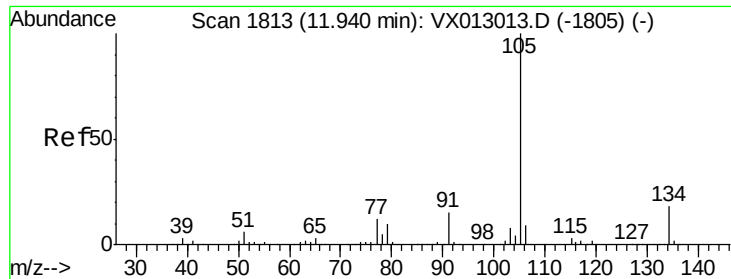
Tot Ion:119 Resp: 135205
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.3 87.9
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.488 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion:105 Resp: 138633
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.8 65.3





#85

sec-Butylbenzene

Concen: 19.819 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

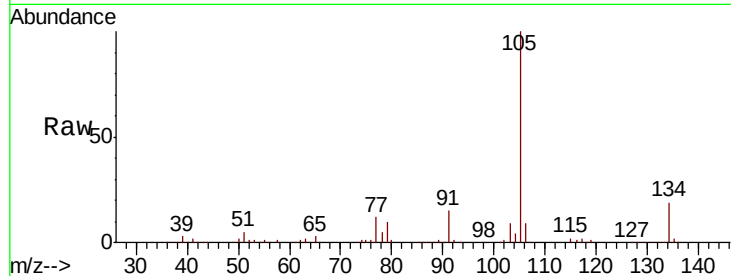
VX1017WBS01

Tot Ion:105 Resp: 157324

Ion Ratio Lower Upper

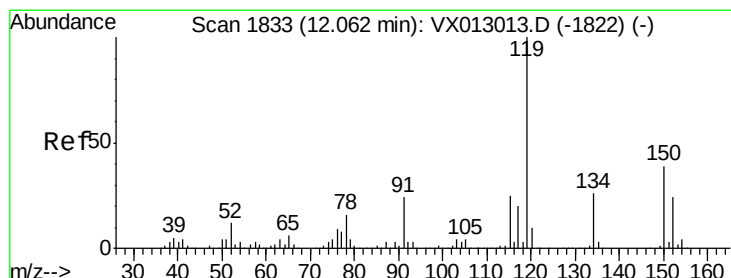
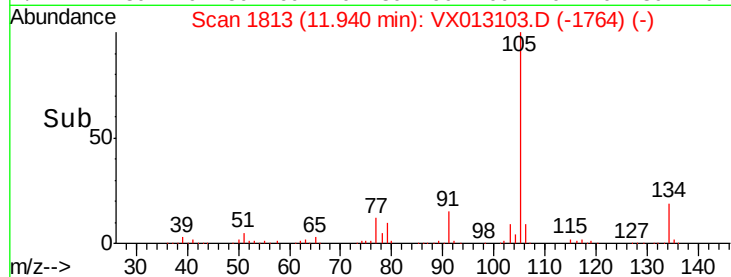
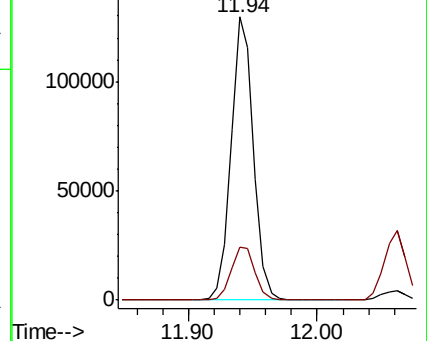
105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.797 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

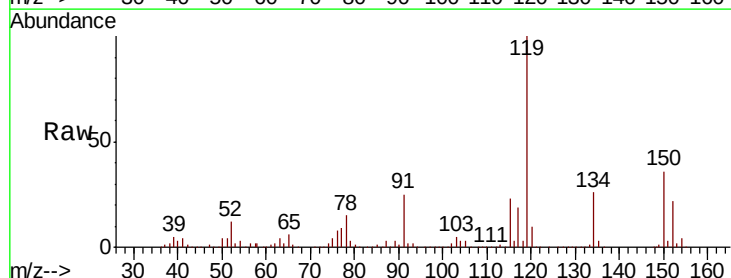
Tgt Ion:119 Resp: 145751

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

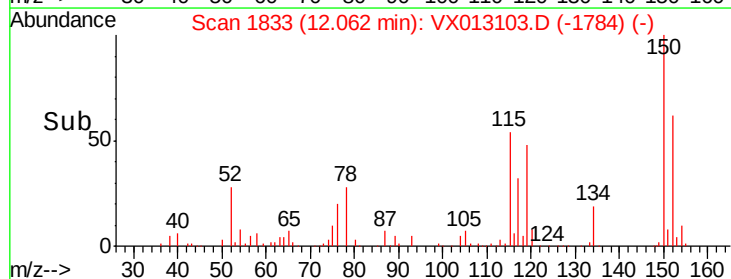
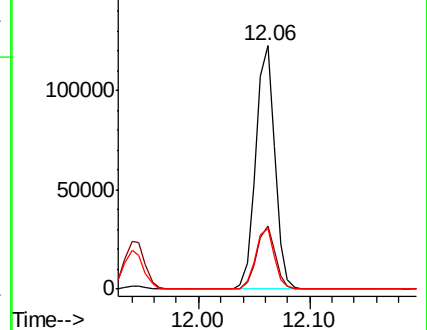
91 24.5 12.4 37.4

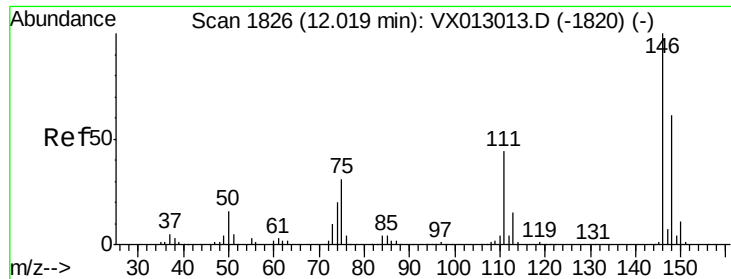


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

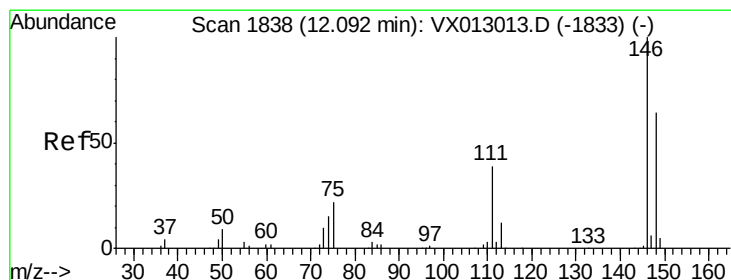
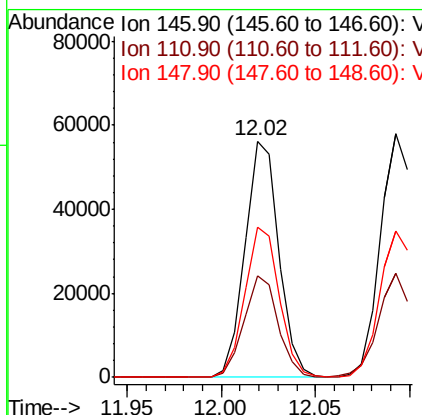
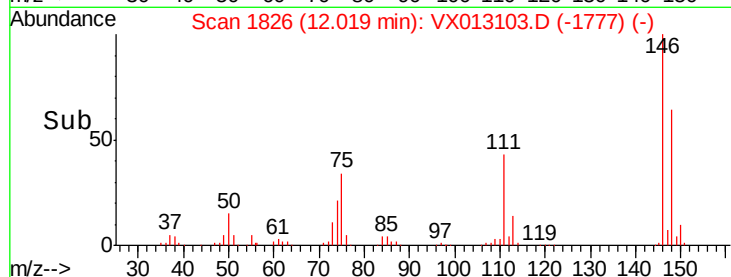
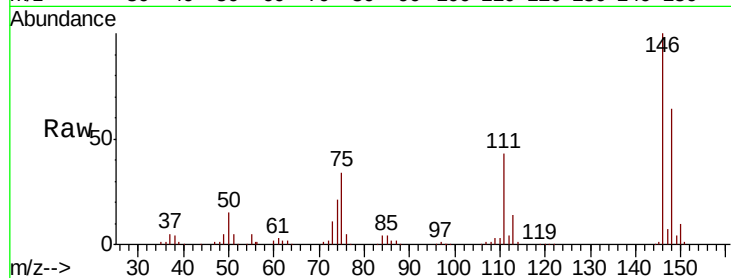




#87
 1,3-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

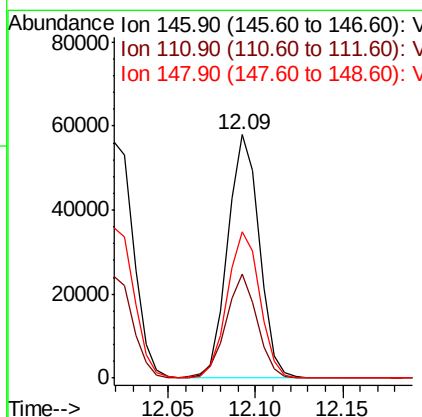
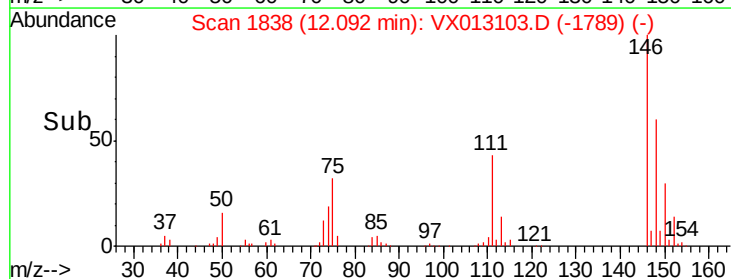
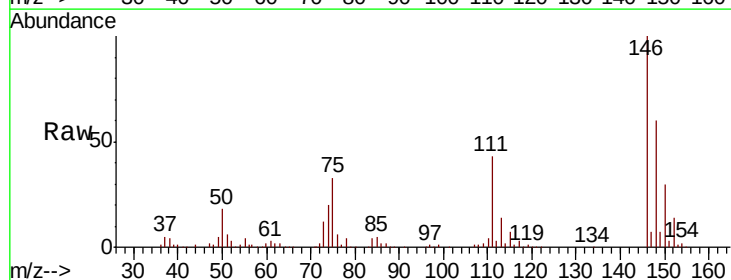
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

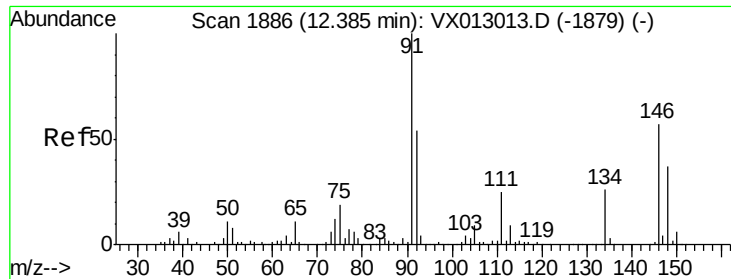
Tot Ion:146 Resp: 70190
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 64.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion:146 Resp: 72572
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 62.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.401 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

VX1017WBS01

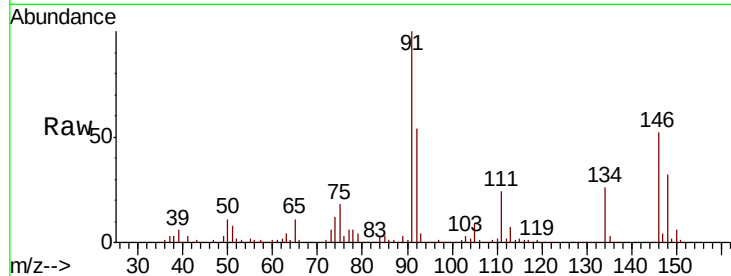
Tot Ion: 91 Resp: 120046

Ion Ratio Lower Upper

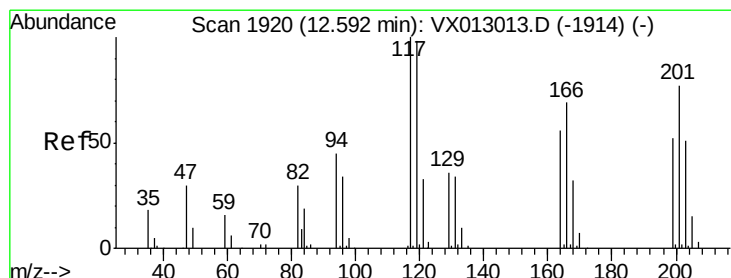
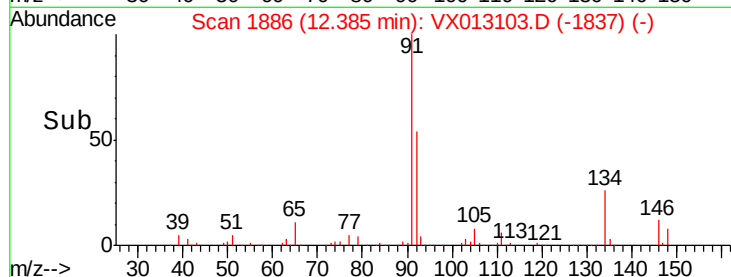
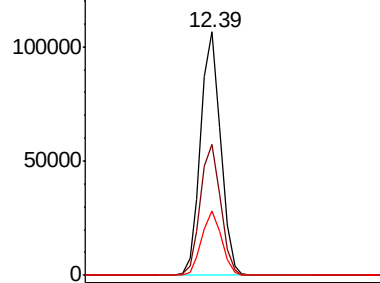
91 100

92 54.4 27.5 82.5

134 26.4 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX013103.D (-1879) (-)



#90

Hexachloroethane

Concen: 18.322 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013103.D

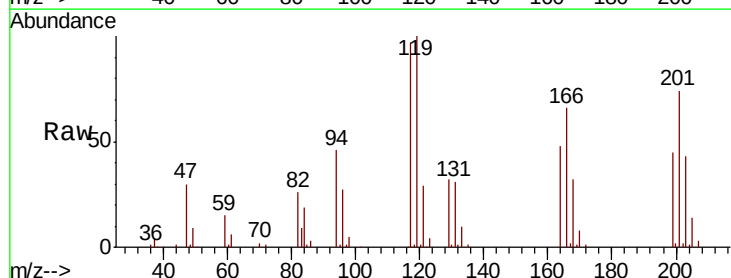
Acq: 17 Oct 2019 13:38

Tgt Ion: 117 Resp: 23073

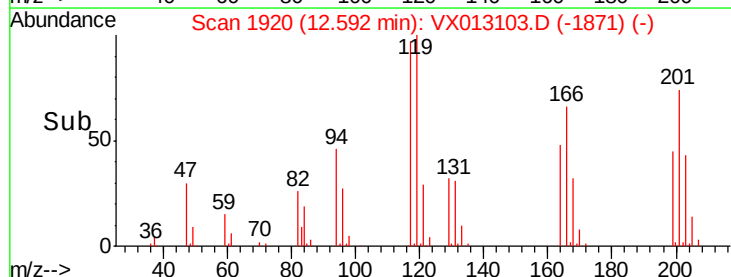
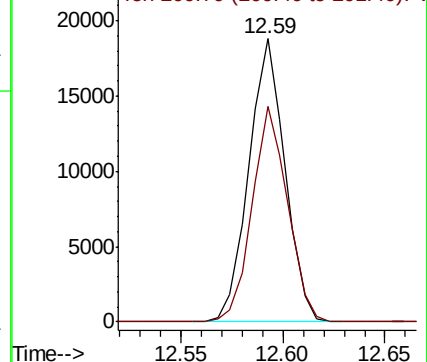
Ion Ratio Lower Upper

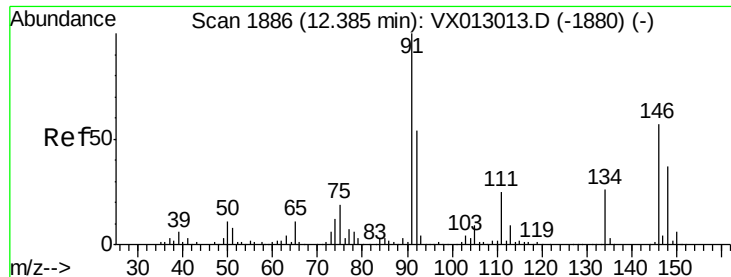
117 100

201 75.3 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX013103.D (-1879) (-)

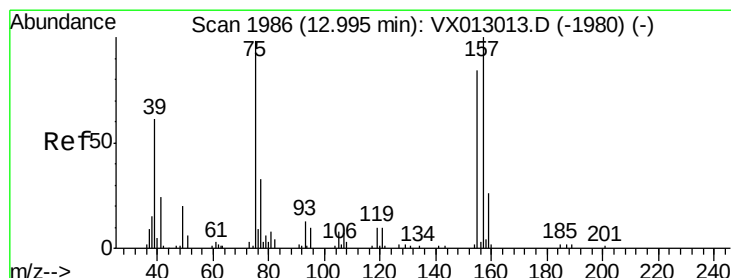
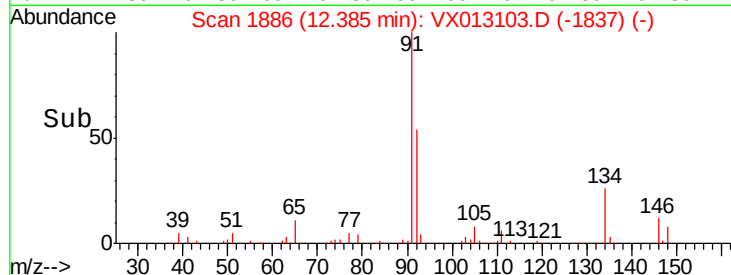
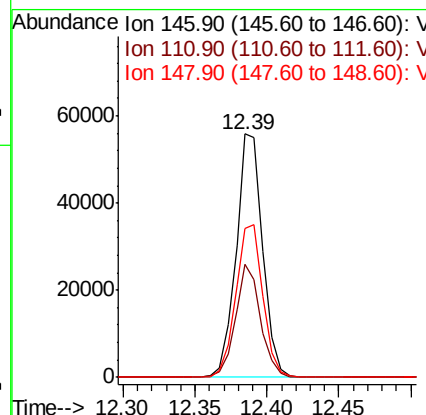
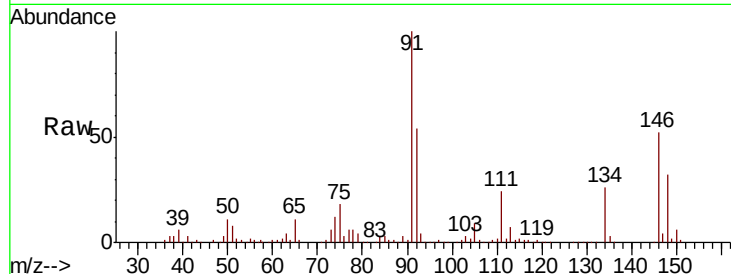




#91
 1,2-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

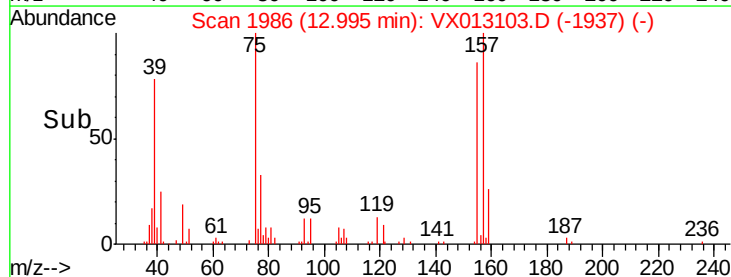
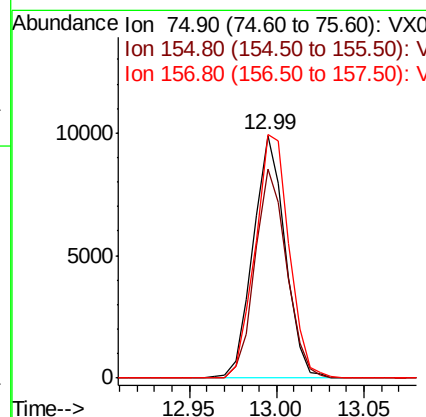
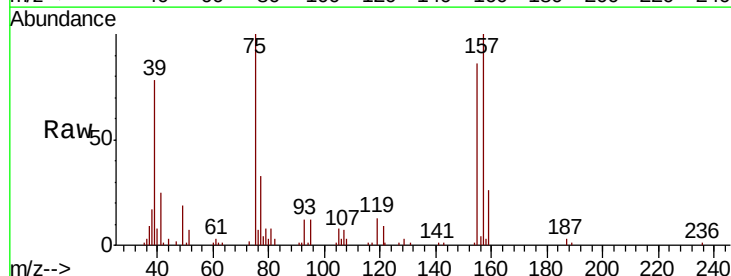
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

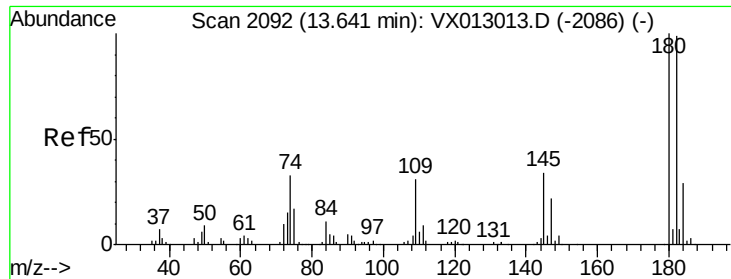
Tot Ion:146 Resp: 71961
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.7 68.0
 148 63.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.185 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 75 Resp: 12581
 Ion Ratio Lower Upper
 75 100
 155 85.4 43.0 128.8
 157 106.8 54.1 162.3

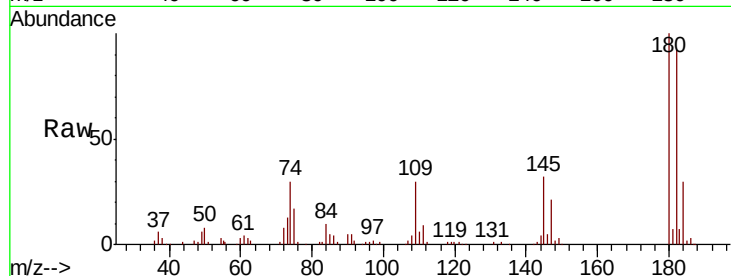




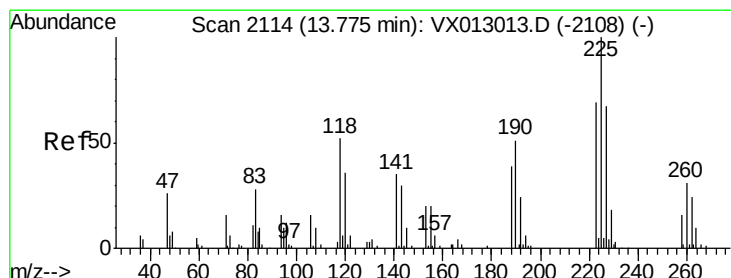
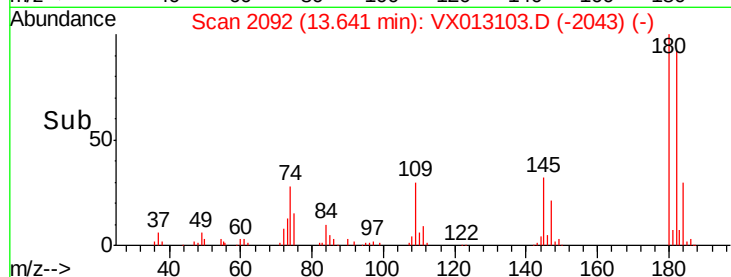
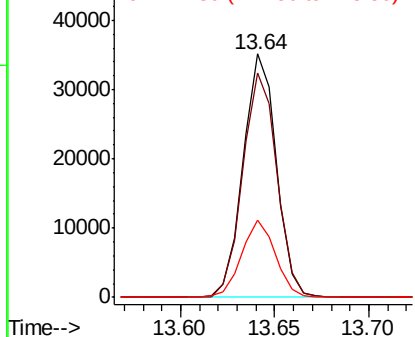
#93
 1,2,4-Trichlorobenzene
 Concen: 18.989 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion:180 Resp: 42928
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.8 140.4
 145 32.3 16.2 48.6

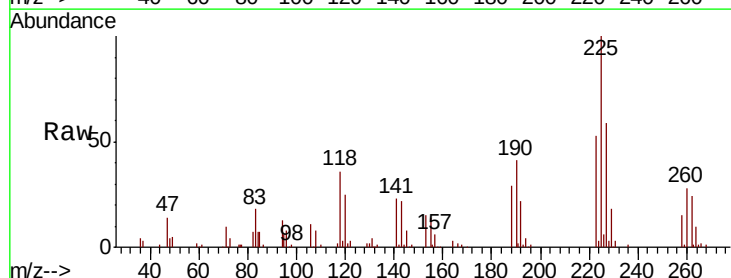


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

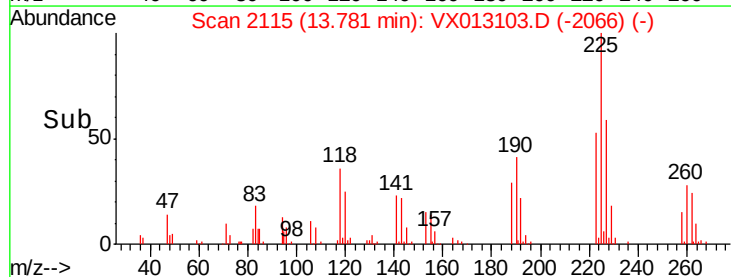
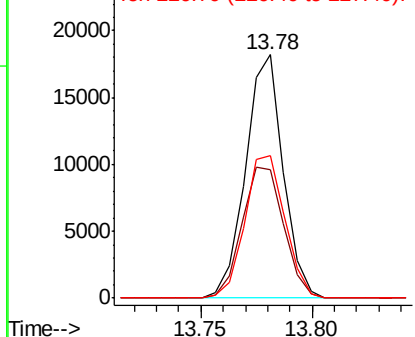


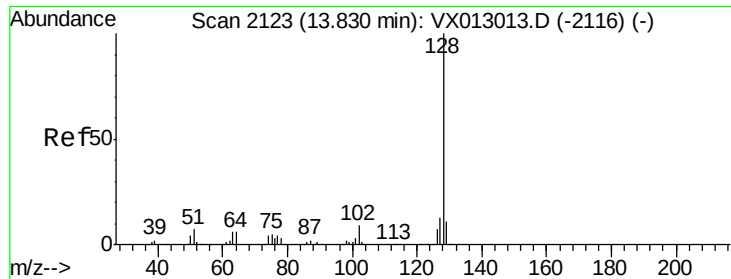
#94
 Hexachlorobutadiene
 Concen: 20.573 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion:225 Resp: 21464
 Ion Ratio Lower Upper
 225 100
 223 59.6 31.1 93.2
 227 62.9 32.3 96.9



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

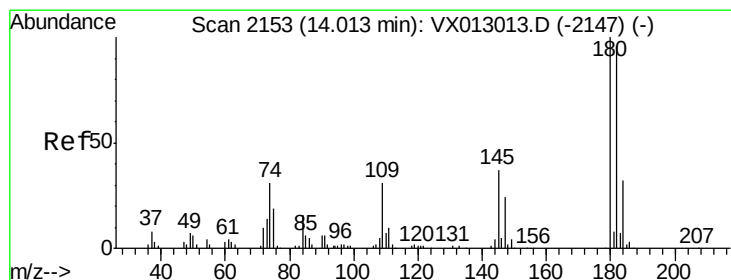
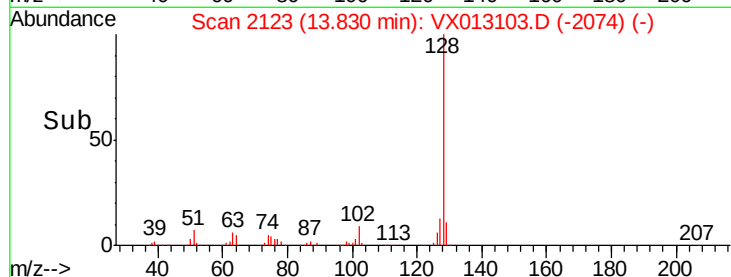
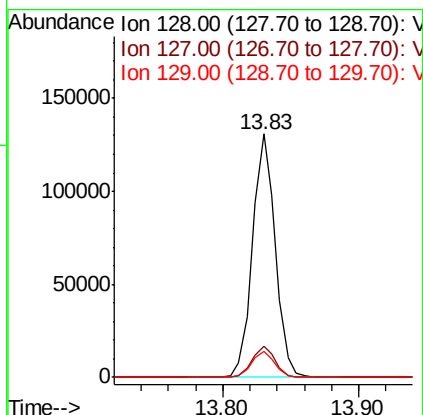
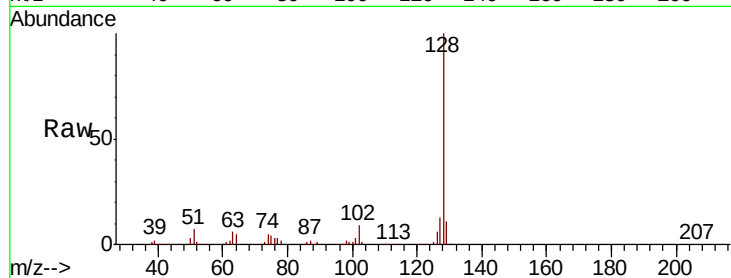




#95
Naphthalene
Concen: 19.587 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion:128 Resp: 153493
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.997 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:180 Resp: 44380
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 35.2 17.4 52.3

