

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011475.D
 Acq On : 12 Aug 2019 11:58
 Operator : JC/SP
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Quant Time: Aug 13 07:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	232689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	82323	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	70514	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	8.71	98	261505	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.13	95	96553	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	21465	17.719 ug/l	95
3) Chloromethane	1.32	50	23268	17.104 ug/l	100
4) Vinyl Chloride	1.40	62	24966	16.684 ug/l	100
5) Bromomethane	1.63	94	18813	17.628 ug/l	97
6) Chloroethane	1.71	64	16329	15.837 ug/l	98
7) Trichlorofluoromethane	1.92	101	45948	17.269 ug/l	100
8) Diethyl Ether	2.18	74	16581	17.453 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26213	18.208 ug/l	97
10) Methyl Iodide	2.50	142	28173	15.522 ug/l	97
11) Tert butyl alcohol	3.03	59	31593	100.317 ug/l	95
12) 1,1-Dichloroethene	2.37	96	25068	17.566 ug/l	90
13) Acrolein	2.29	56	16629	84.673 ug/l	92
14) Allyl chloride	2.72	41	37680	19.806 ug/l	96
15) Acrylonitrile	3.14	53	75101	99.917 ug/l	96
16) Acetone	2.43	43	72823	96.860 ug/l	99
17) Carbon Disulfide	2.56	76	54346	16.228 ug/l	98
18) Methyl Acetate	2.76	43	36117	21.021 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	85390	20.304 ug/l	98
20) Methylene Chloride	2.85	84	29723	18.052 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	27426	18.168 ug/l	91
22) Diisopropyl ether	3.85	45	81958	19.601 ug/l	98
23) Vinyl Acetate	3.81	43	354394	102.189 ug/l	99
24) 1,1-Dichloroethane	3.69	63	48448	19.650 ug/l	95
25) 2-Butanone	4.67	43	107268	100.298 ug/l	94
26) 2,2-Dichloropropane	4.57	77	38304	19.985 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	32189	18.512 ug/l	97
28) Bromochloromethane	5.01	49	24076	21.420 ug/l	95
29) Tetrahydrofuran	5.12	42	64609	98.526 ug/l	99
30) Chloroform	5.20	83	53987	20.146 ug/l	96
31) Cyclohexane	5.57	56	36863	18.122 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	45321	19.743 ug/l	97
36) 1,1-Dichloropropene	5.79	75	35459	17.454 ug/l	98
37) Ethyl Acetate	4.82	43	38253	18.771 ug/l	99
38) Carbon Tetrachloride	5.78	117	38785	18.976 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40533	16.832	ug/l	96
40) Benzene	6.13	78	113355	18.698	ug/l	99
41) Methacrylonitrile	5.04	41	21472	19.293	ug/l	97
42) 1,2-Dichloroethane	6.18	62	42421	20.693	ug/l	100
43) Isopropyl Acetate	6.43	43	61800	18.969	ug/l	99
44) Trichloroethene	7.21	130	32746	17.845	ug/l	92
45) 1,2-Dichloropropane	7.51	63	28932	18.427	ug/l	94
46) Dibromomethane	7.66	93	21544	18.797	ug/l	97
47) Bromodichloromethane	7.89	83	39115	20.157	ug/l	95
48) Methyl methacrylate	7.77	41	30292	19.756	ug/l	99
49) 1,4-Dioxane	7.74	88	15881	357.270	ug/l	91
51) 4-Methyl-2-Pentanone	8.63	43	212405	101.020	ug/l	99
52) Toluene	8.78	92	74105	18.488	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	39589	19.362	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	42695	18.835	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	31942	19.382	ug/l	98
56) Ethyl methacrylate	9.17	69	44896	19.117	ug/l	96
57) 1,3-Dichloropropane	9.37	76	50429	19.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	111778	96.798	ug/l	100
59) 2-Hexanone	9.49	43	166509	102.240	ug/l	97
60) Dibromochloromethane	9.58	129	31562	18.706	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33536	18.835	ug/l	99
64) Tetrachloroethene	9.34	164	33715	18.331	ug/l	95
65) Chlorobenzene	10.13	112	85879	18.494	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	30779	19.361	ug/l	100
67) Ethyl Benzene	10.25	91	143841	18.496	ug/l	98
68) m/p-Xylenes	10.35	106	111059	36.921	ug/l	99
69) o-Xylene	10.69	106	52762	17.852	ug/l	96
70) Styrene	10.71	104	91842	18.780	ug/l	98
71) Bromoform	10.85	173	23054	18.135	ug/l #	100
73) Isopropylbenzene	11.02	105	146675	19.111	ug/l	99
74) N-amyl acetate	10.90	43	55907	20.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	50146	19.606	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53178	26.021	ug/l	83
77) Bromobenzene	11.25	156	39571	18.593	ug/l	96
78) n-propylbenzene	11.35	91	159097	18.640	ug/l	100
79) 2-Chlorotoluene	11.41	91	97262	19.119	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	121710	18.944	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	11834	18.590	ug/l	89
82) 4-Chlorotoluene	11.51	91	111796	18.857	ug/l	98
83) tert-Butylbenzene	11.77	119	119270	18.928	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	123002	19.229	ug/l	99
85) sec-Butylbenzene	11.94	105	141603	18.704	ug/l	99
86) p-Isopropyltoluene	12.06	119	131122	18.826	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69908	18.591	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70492	18.179	ug/l	98
89) n-Butylbenzene	12.38	91	108329	18.054	ug/l	100
90) Hexachloroethane	12.59	117	19141	18.589	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	70522	18.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9862	19.902	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

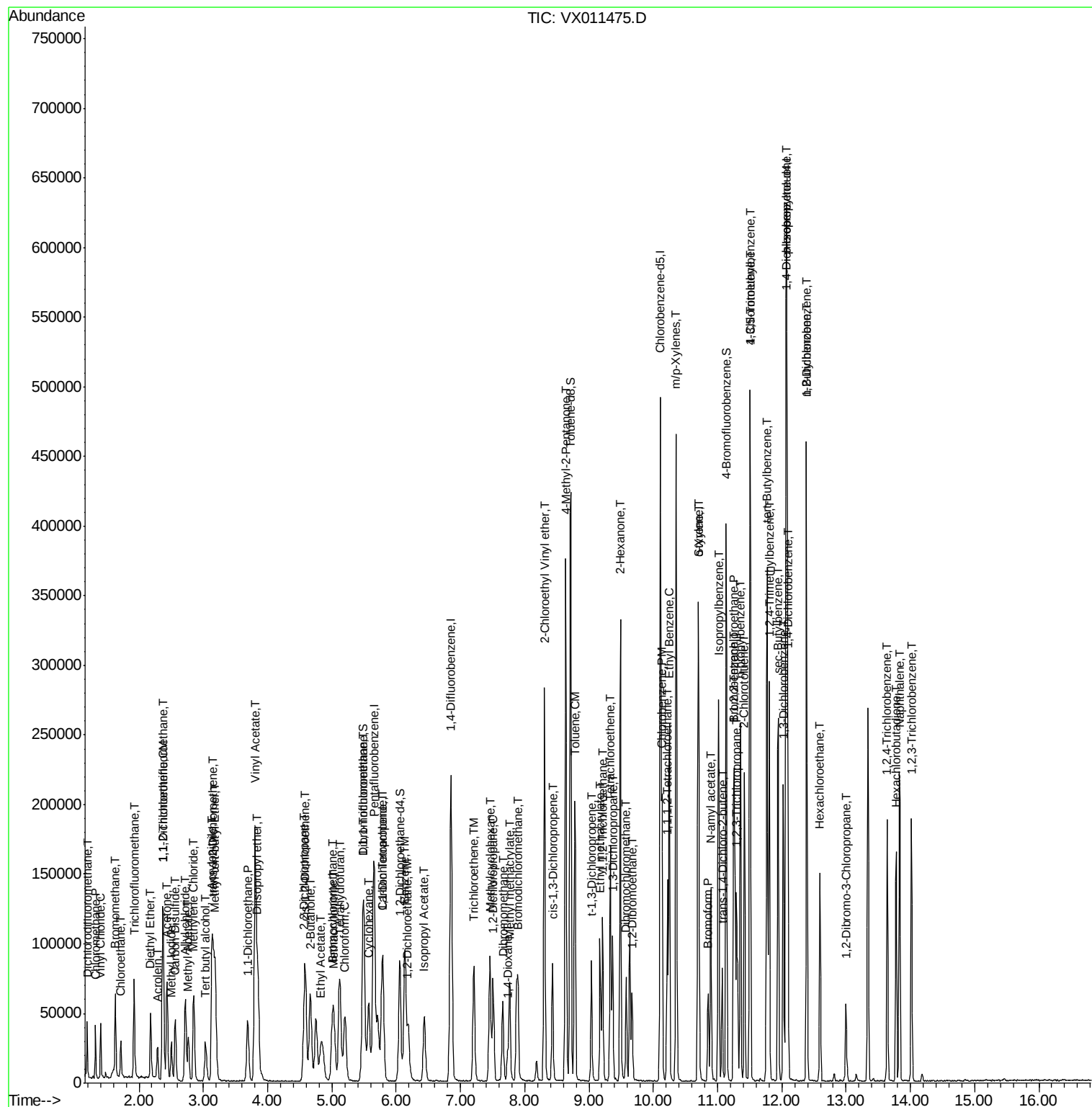
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45221	18.047	ug/l	98
94) Hexachlorobutadiene	13.78	225	23737	18.672	ug/l	98
95) Naphthalene	13.83	128	137434	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47392	18.604	ug/l	99

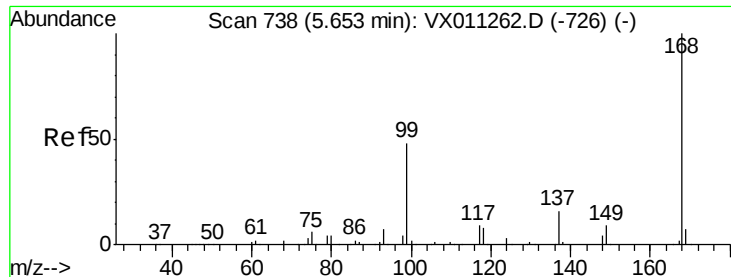
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

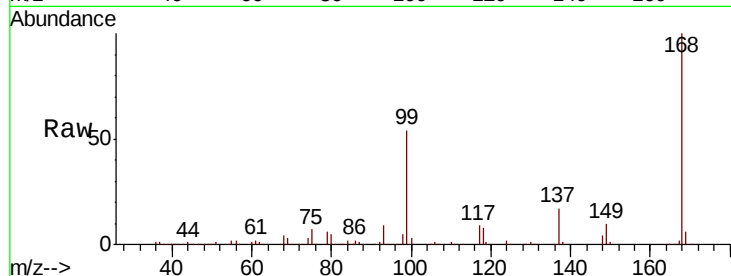
VX0812WBS01

Tgt Ion:168 Resp: 156849

Ion Ratio Lower Upper

168 100

99 53.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

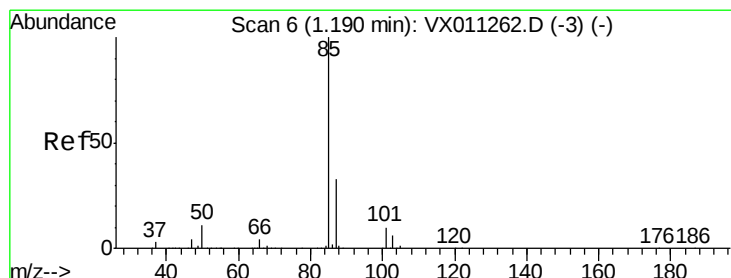
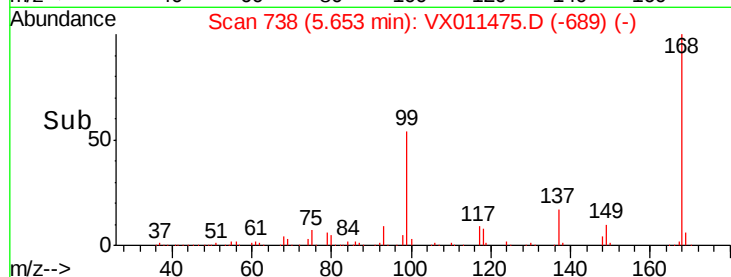
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.719 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011475.D

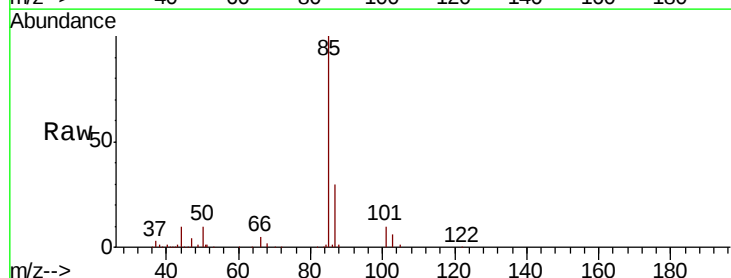
Acq: 12 Aug 2019 11:58

Tgt Ion: 85 Resp: 21465

Ion Ratio Lower Upper

85 100

87 29.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

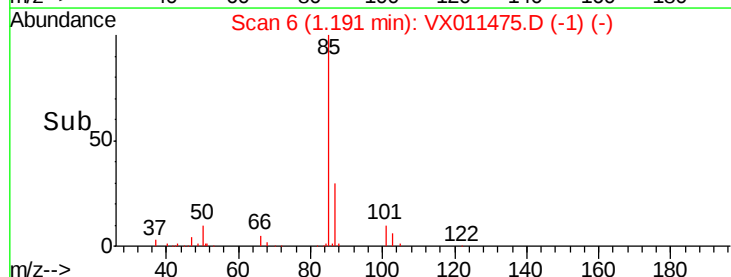
15000

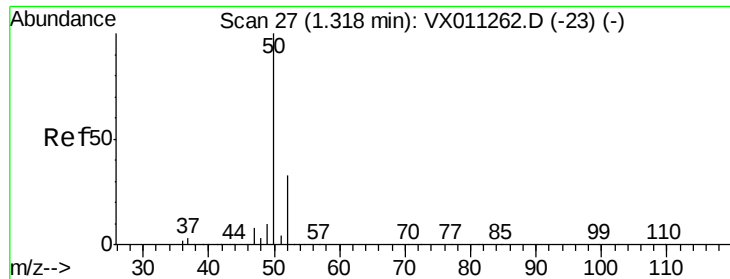
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 17.104 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

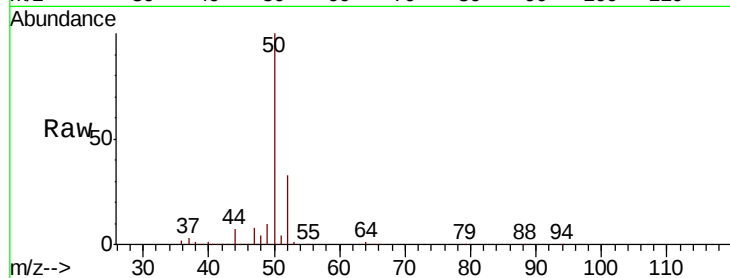
VX0812WBS01

Tgt Ion: 50 Resp: 23268

Ion Ratio Lower Upper

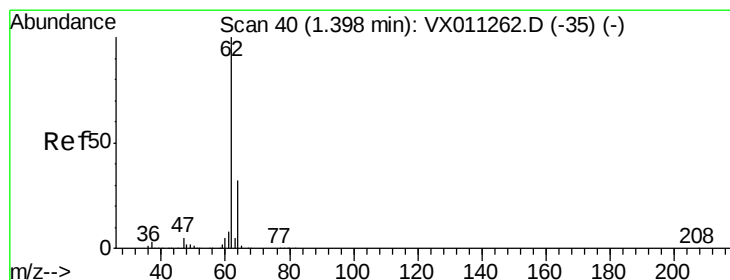
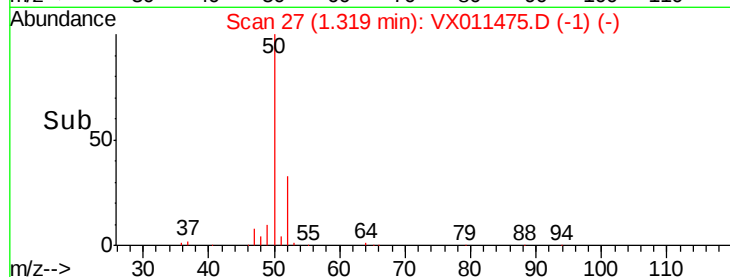
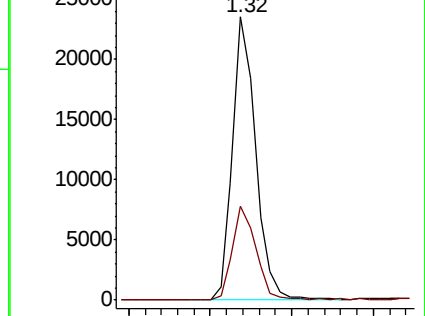
50 100

52 33.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.684 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011475.D

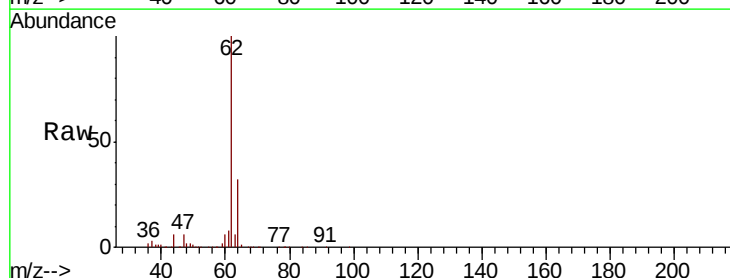
Acq: 12 Aug 2019 11:58

Tgt Ion: 62 Resp: 24966

Ion Ratio Lower Upper

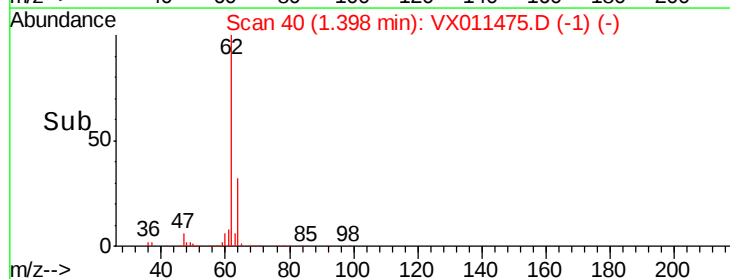
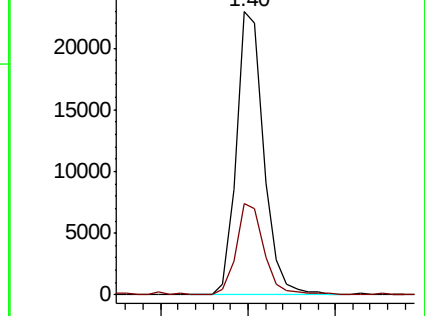
62 100

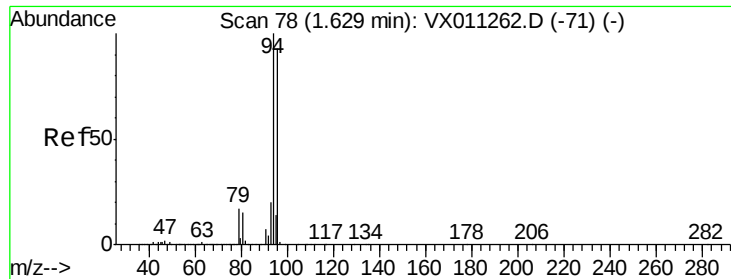
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.628 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

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ClientSampleId :

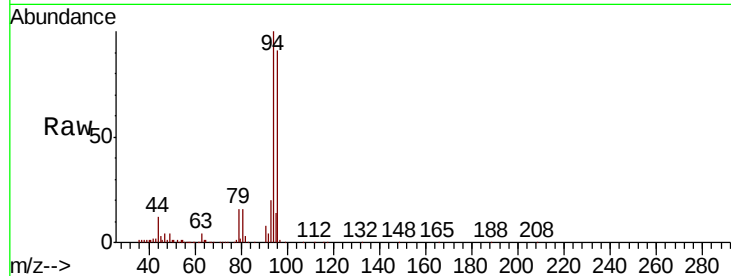
VX0812WBS01

Tgt Ion: 94 Resp: 18813

Ion Ratio Lower Upper

94 100

96 90.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

15000

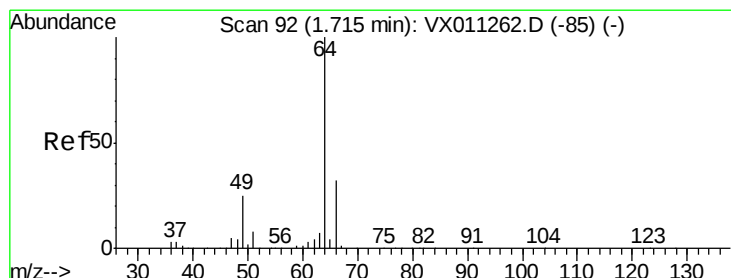
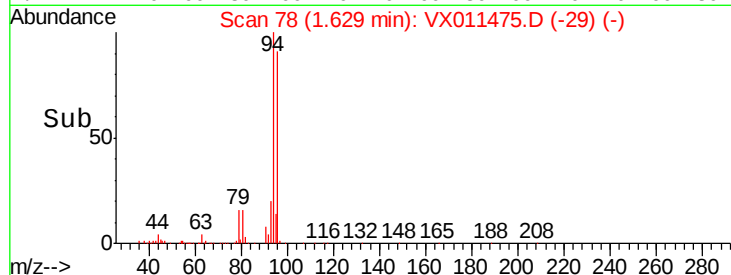
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 15.837 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011475.D

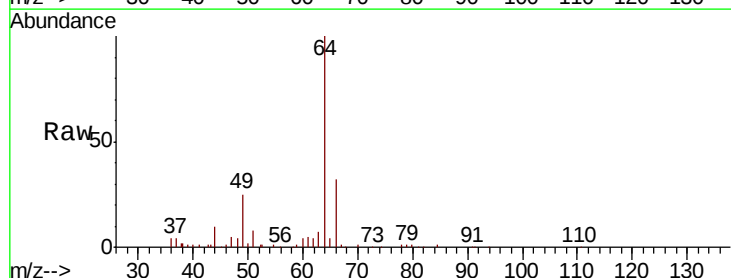
Acq: 12 Aug 2019 11:58

Tgt Ion: 64 Resp: 16329

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

15000

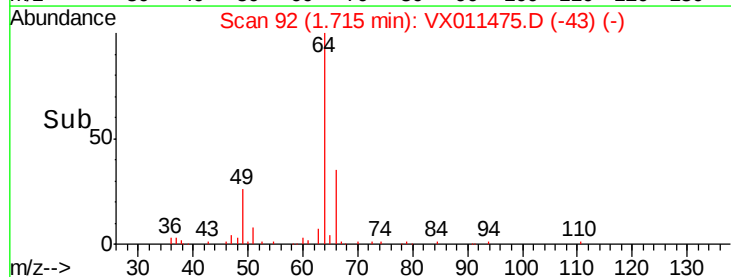
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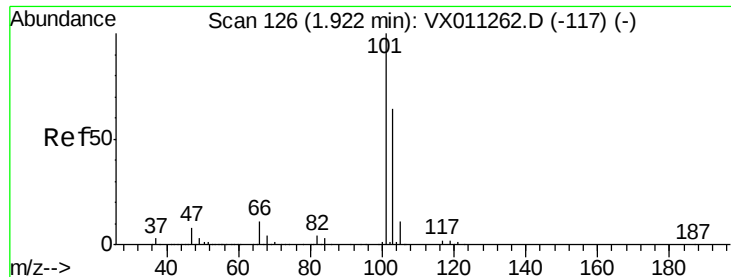
5000

0

Time-->

1.65 1.70 1.75 1.80



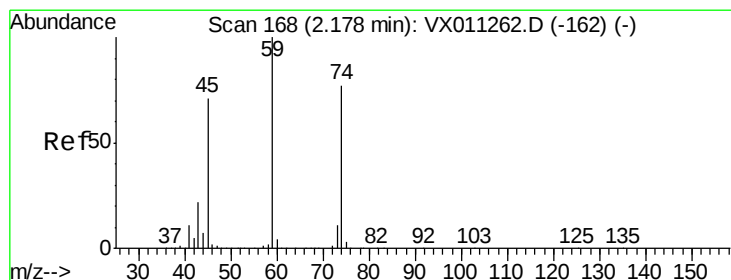
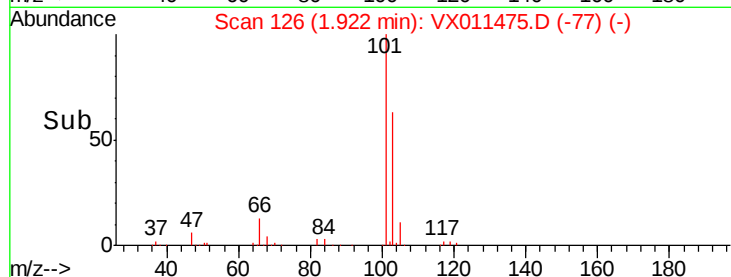
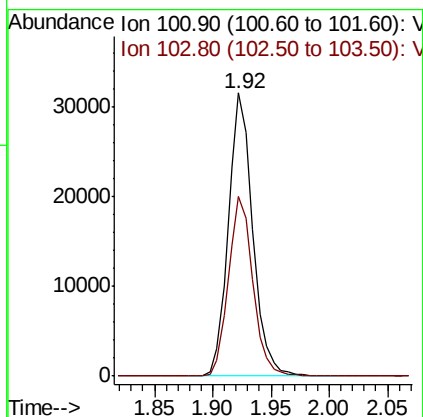
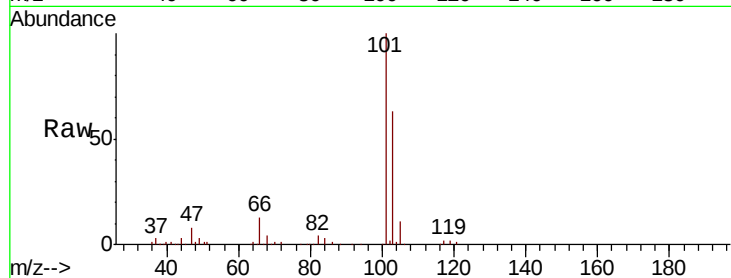


#7

Trichlorofluoromethane
Concen: 17.269 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

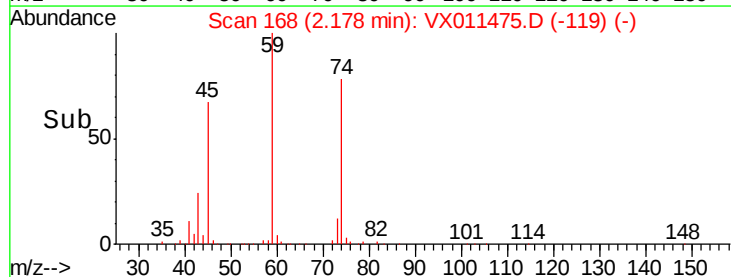
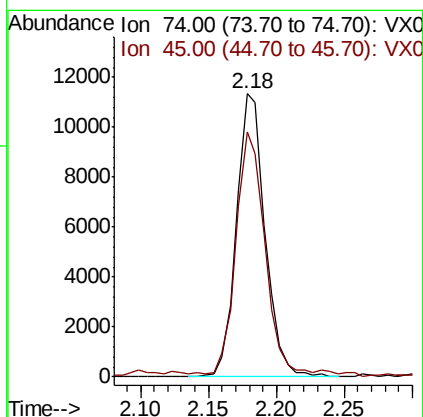
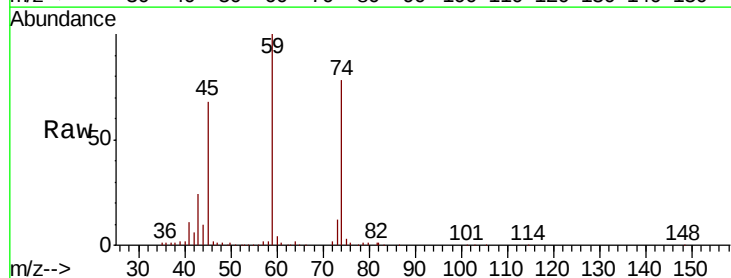
Tgt Ion: 101 Resp: 45948
Ion Ratio Lower Upper
101 100
103 63.5 50.9 76.3

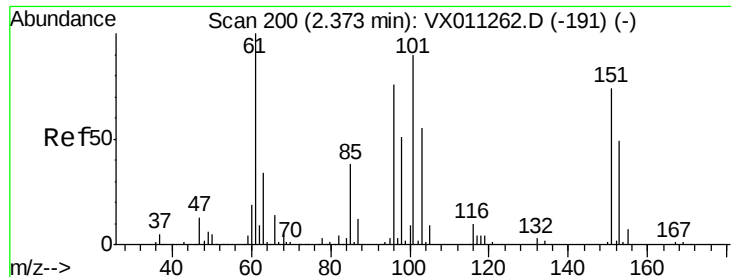


#8

Diethyl Ether
Concen: 17.453 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 74 Resp: 16581
Ion Ratio Lower Upper
74 100
45 90.8 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.208 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

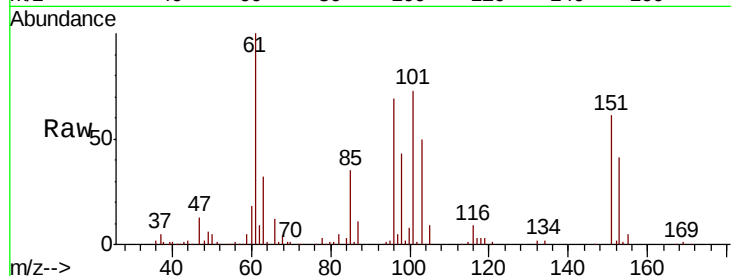
Tgt Ion:101 Resp: 26213

Ion Ratio Lower Upper

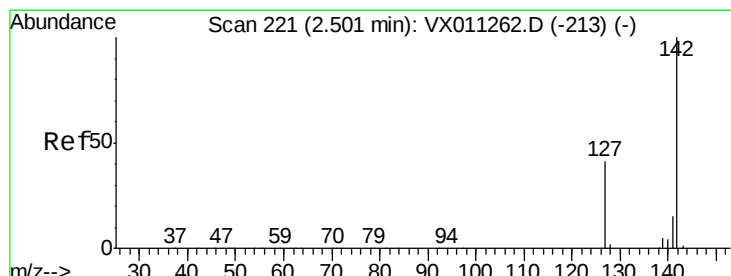
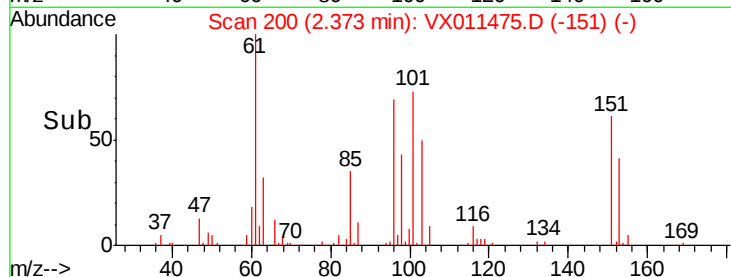
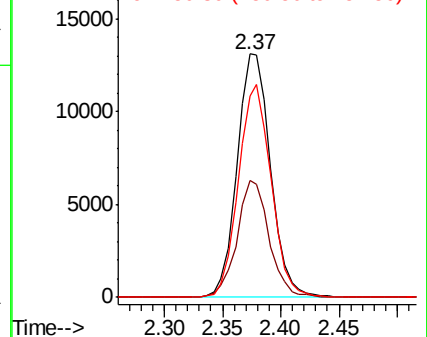
101 100

85 45.7 33.8 50.6

151 85.6 69.5 104.3



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: 15.522 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

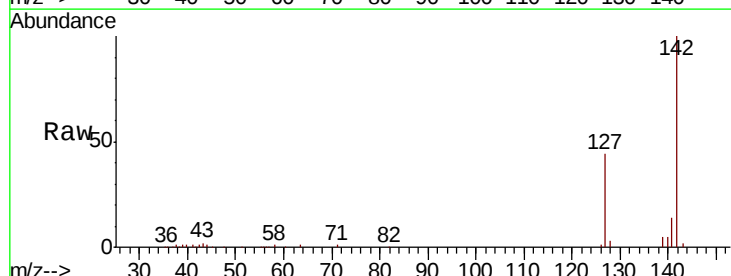
Tgt Ion:142 Resp: 28173

Ion Ratio Lower Upper

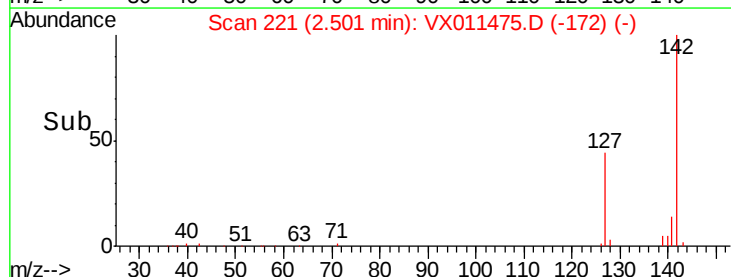
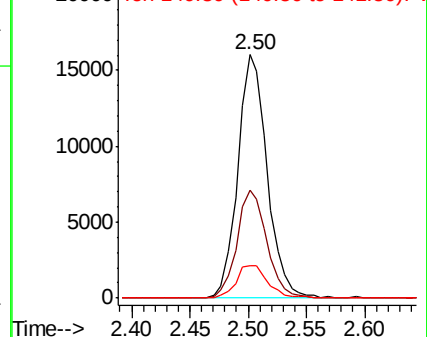
142 100

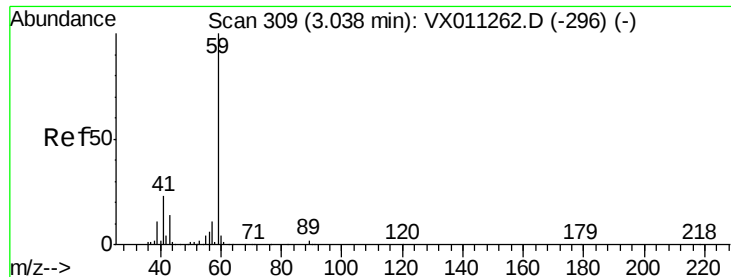
127 45.1 33.8 50.8

141 14.3 11.4 17.2



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

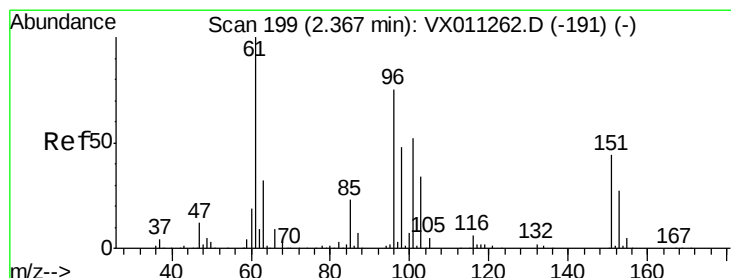
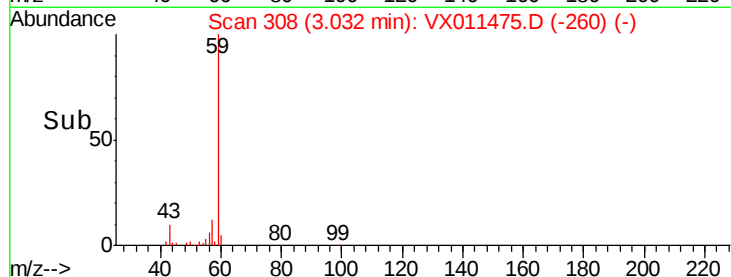
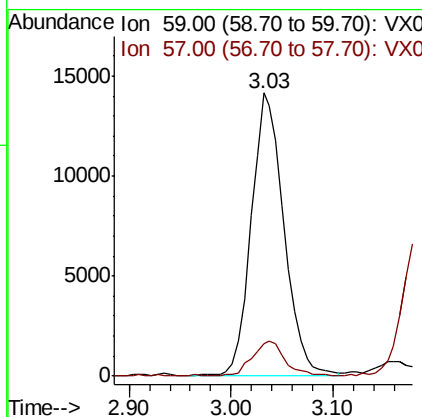
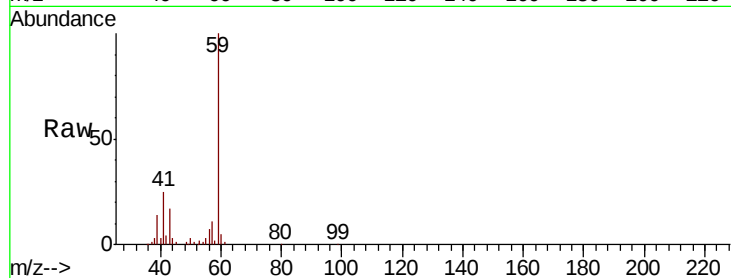




#11
Tert butyl alcohol
Concen: 100.317 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

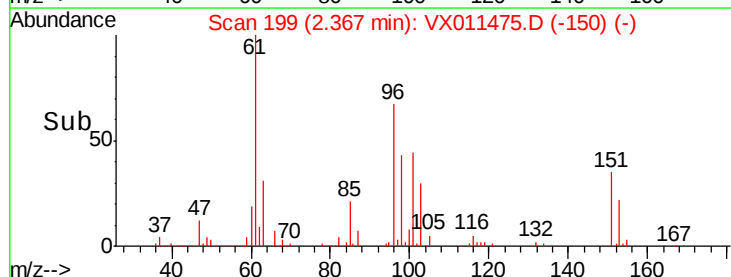
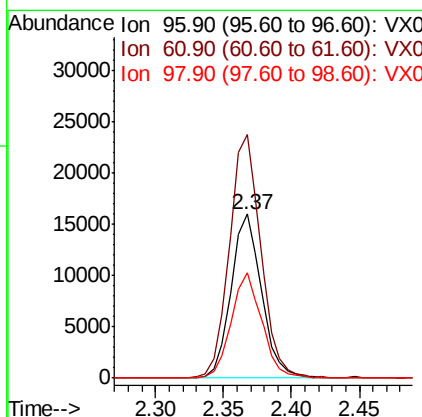
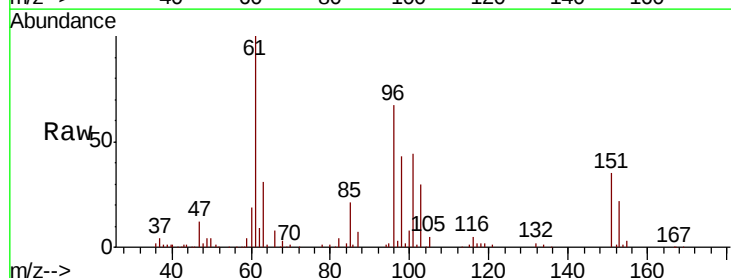
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

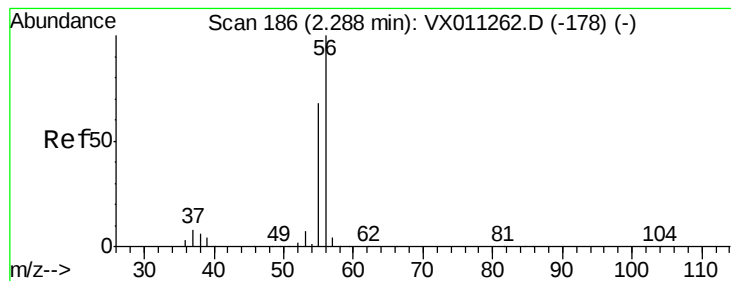
Tgt Ion: 59 Resp: 31593
Ion Ratio Lower Upper
59 100
57 12.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.566 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 96 Resp: 25068
Ion Ratio Lower Upper
96 100
61 148.7 106.2 159.2
98 64.1 50.6 75.8





#13

Acrolein

Concen: 84.673 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

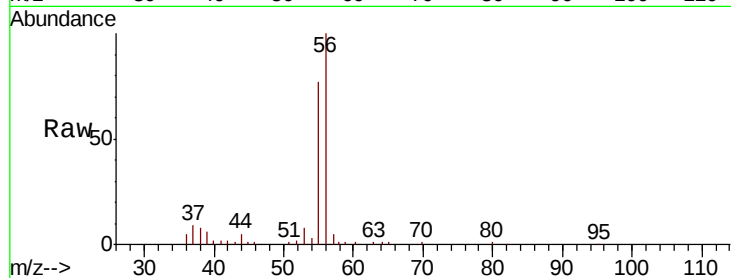
VX0812WBS01

Tgt Ion: 56 Resp: 16629

Ion Ratio Lower Upper

56 100

55 76.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

6000

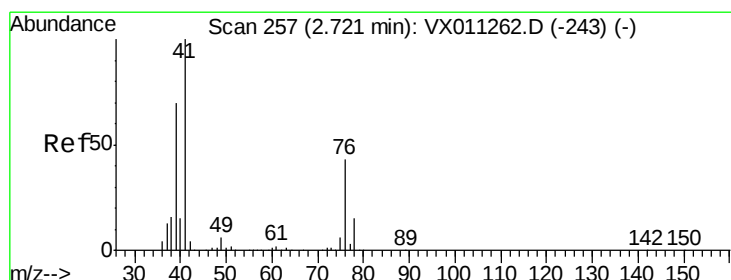
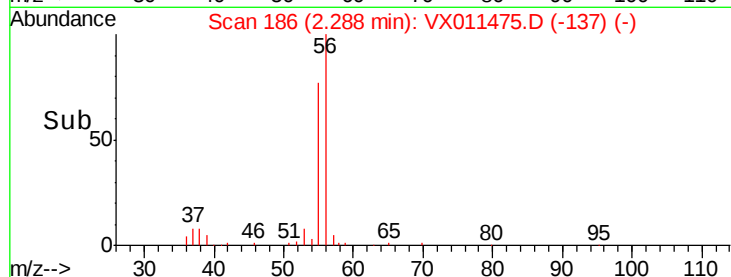
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.806 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

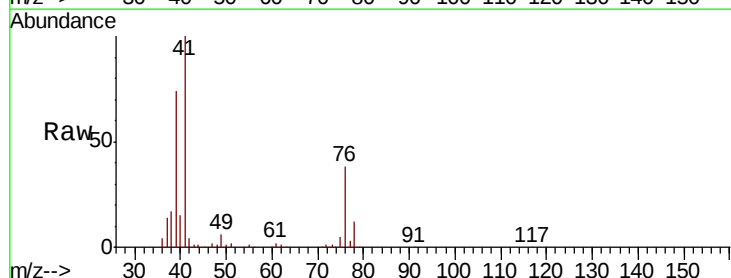
Tgt Ion: 41 Resp: 37680

Ion Ratio Lower Upper

41 100

39 69.3 52.8 79.2

76 35.8 31.1 46.7



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

2.72

25000

20000

15000

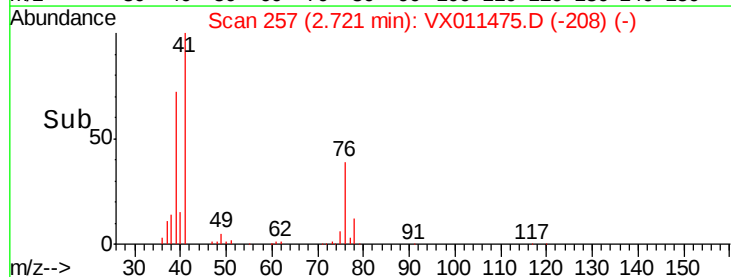
10000

5000

0

Time-->

2.60 2.70 2.80

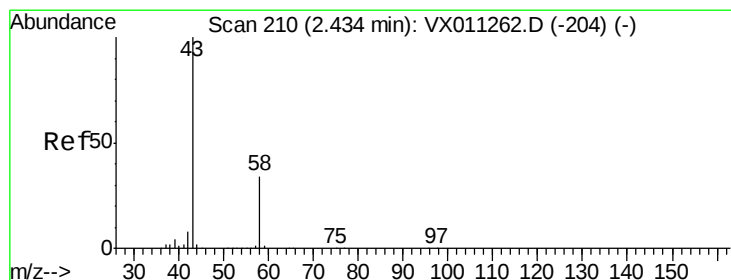
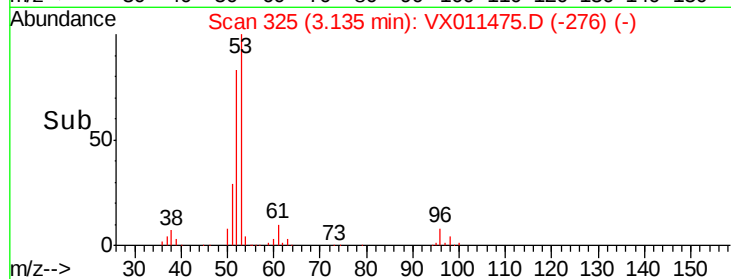
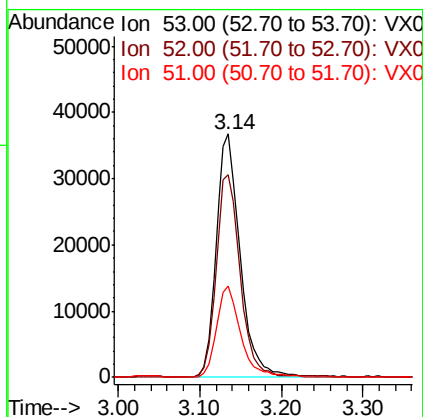
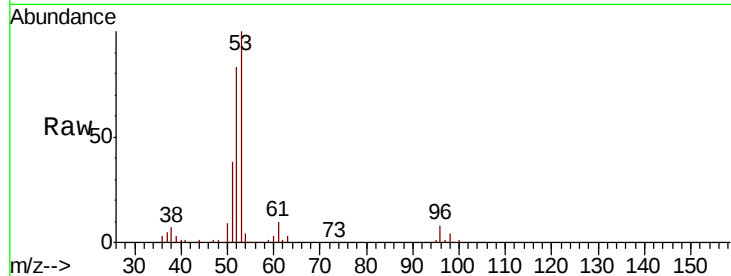




#15
 Acrylonitrile
 Concen: 99.917 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

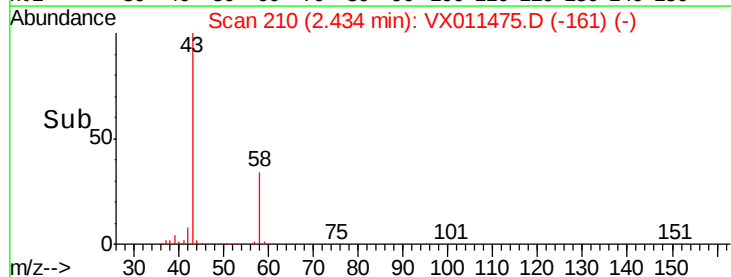
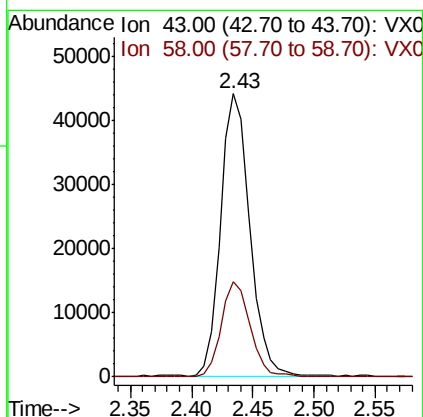
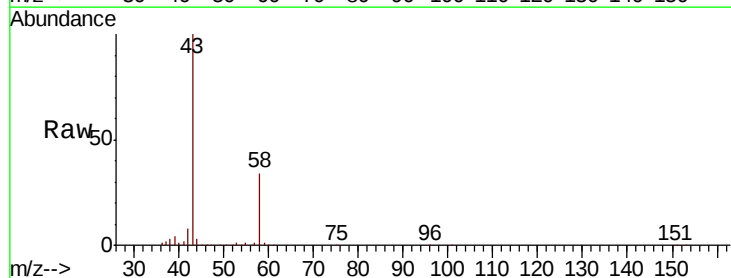
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

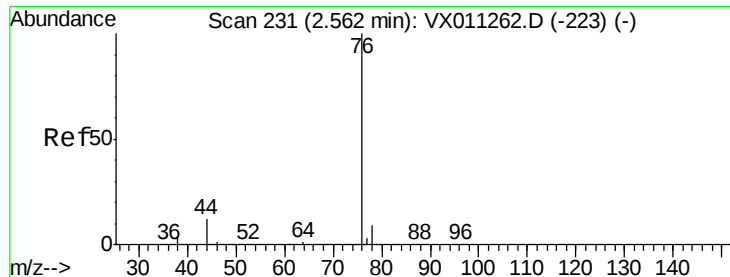
Tgt Ion: 53 Resp: 75101
 Ion Ratio Lower Upper
 53 100
 52 84.0 65.5 98.3
 51 38.5 27.9 41.9



#16
 Acetone
 Concen: 96.860 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion: 43 Resp: 72823
 Ion Ratio Lower Upper
 43 100
 58 33.8 27.4 41.0

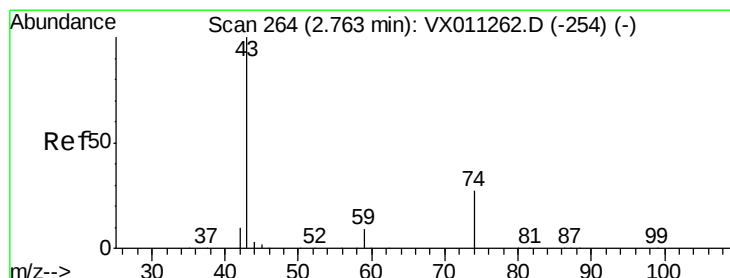
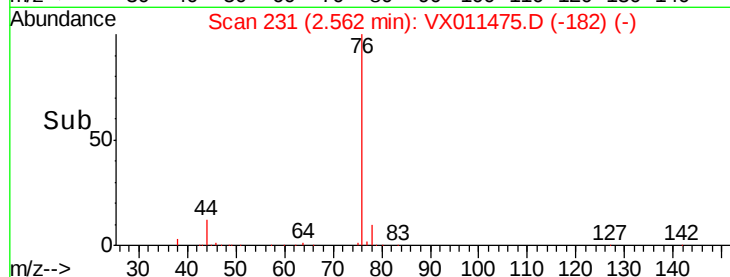
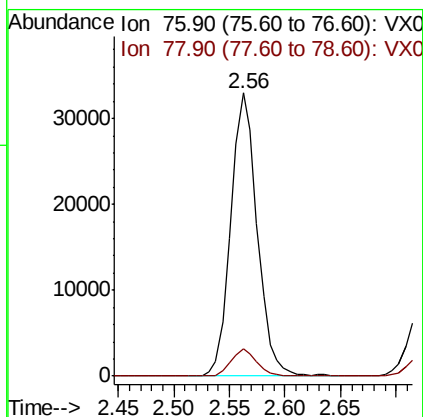
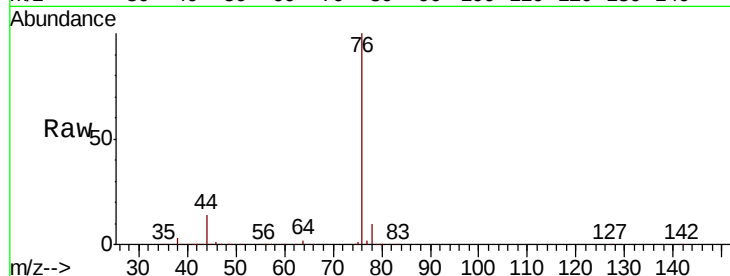




#17
Carbon Disulfide
Concen: 16.228 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

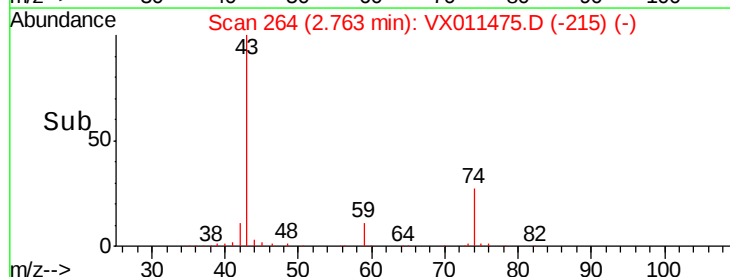
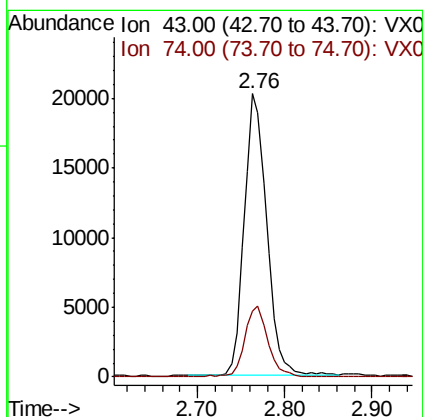
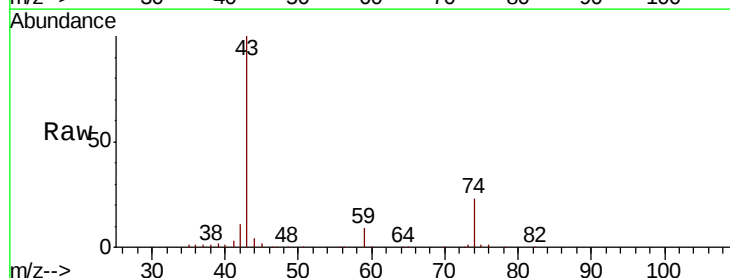
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

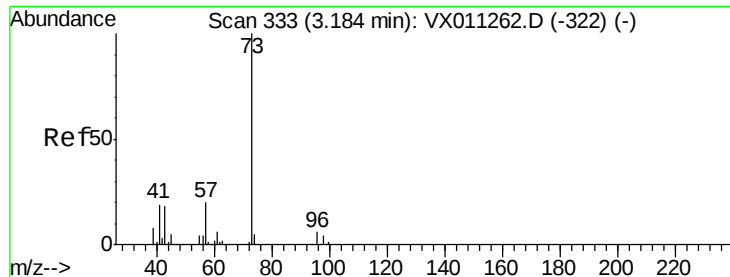
Tgt Ion: 76 Resp: 54346
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.021 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 43 Resp: 36117
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.6





#19

Methyl tert-butyl Ether

Concen: 20.304 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

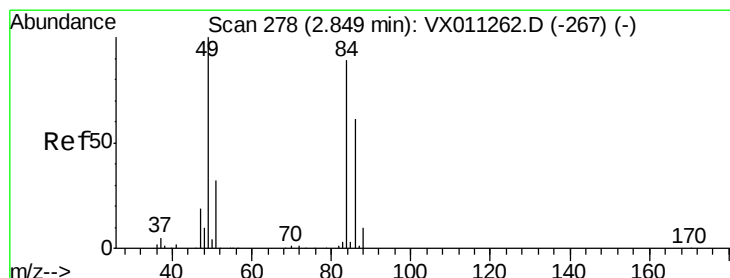
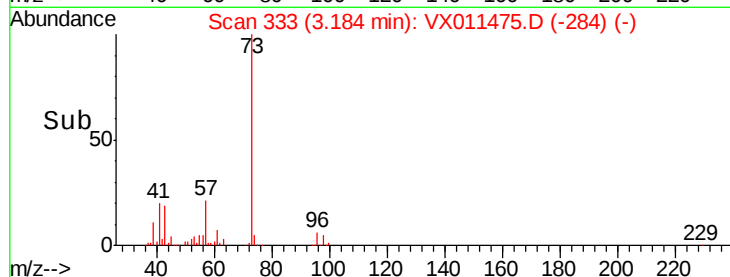
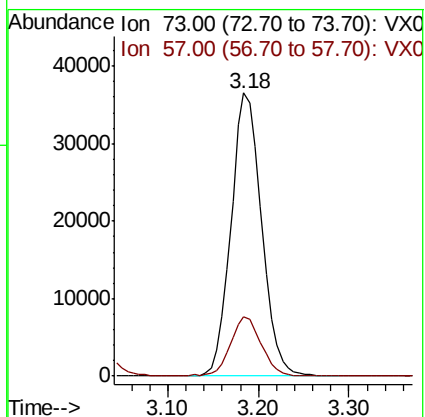
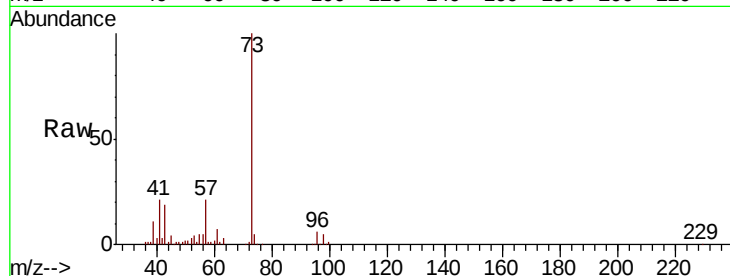
VX0812WBS01

Tgt Ion: 73 Resp: 85390

Ion Ratio Lower Upper

73 100

57 20.9 16.2 24.2



#20

Methylene Chloride

Concen: 18.052 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Tgt Ion: 84 Resp: 29723

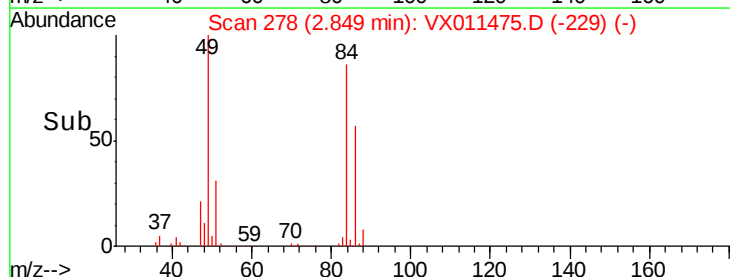
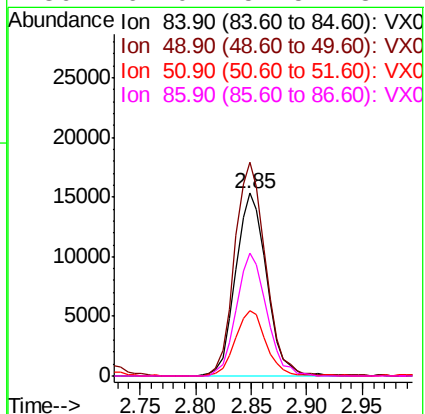
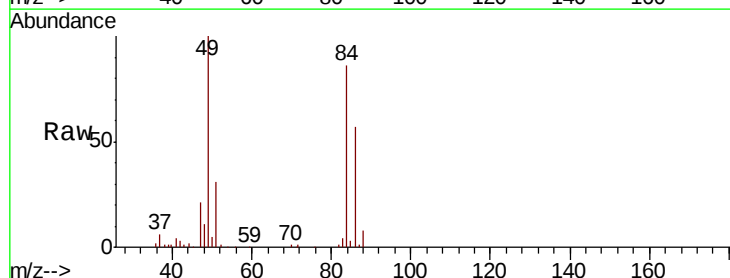
Ion Ratio Lower Upper

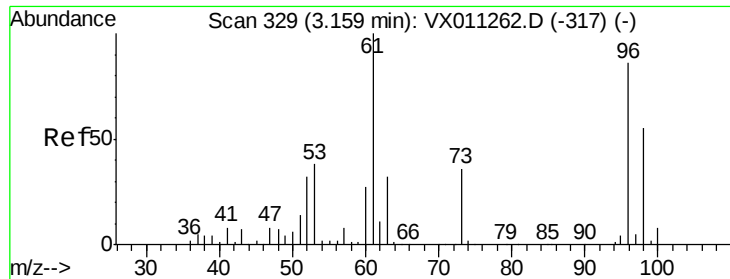
84 100

49 116.4 89.3 133.9

51 35.7 28.3 42.5

86 67.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.168 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

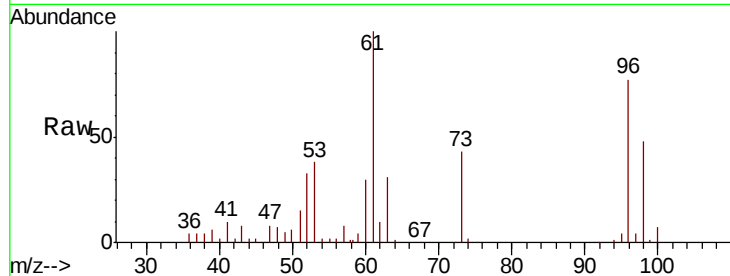
Tgt Ion: 96 Resp: 27426

Ion Ratio Lower Upper

96 100

61 129.3 92.8 139.2

98 62.4 51.2 76.8

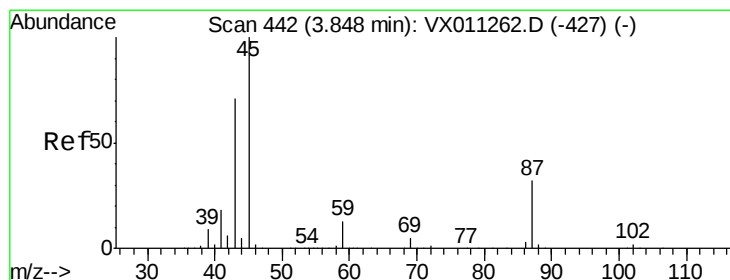
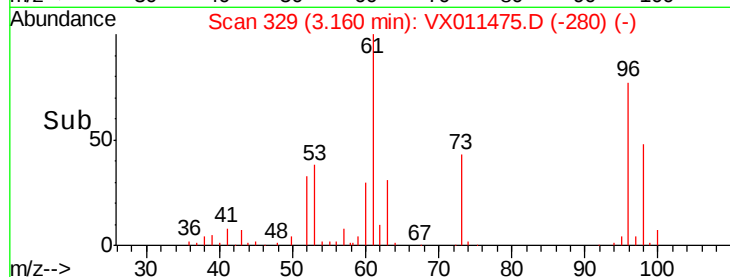
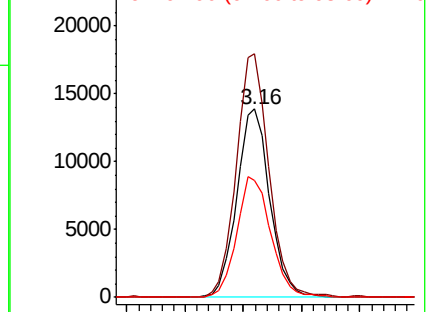


Abundance

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



#22

Diisopropyl ether

Concen: 19.601 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Tgt Ion: 45 Resp: 81958

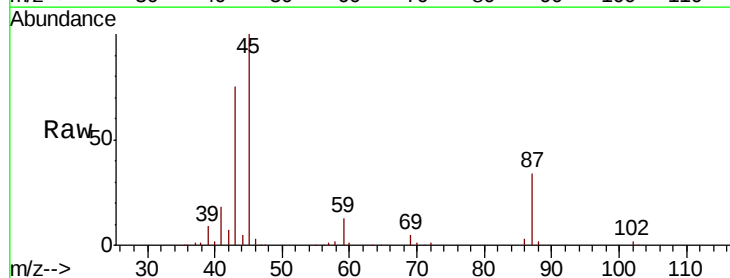
Ion Ratio Lower Upper

45 100

43 73.2 56.8 85.2

87 33.6 25.8 38.6

59 12.5 10.3 15.5



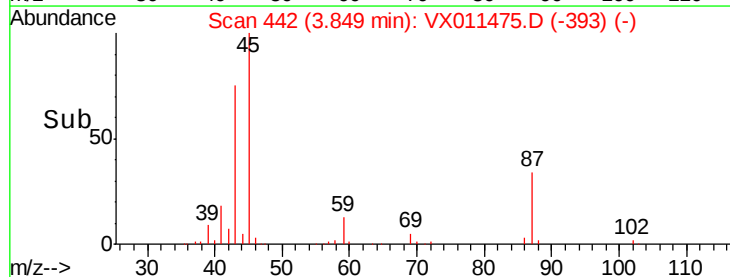
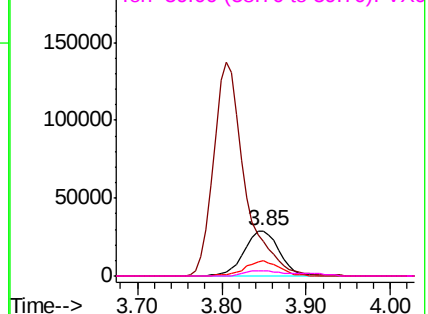
Abundance

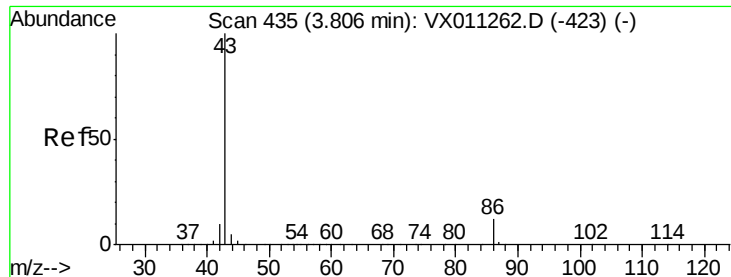
Ion 45.00 (44.70 to 45.70): VX0

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: 102.189 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

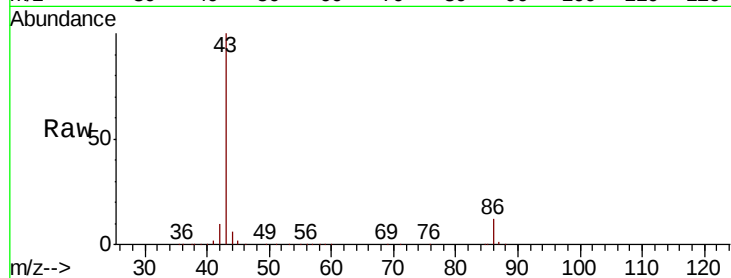
VX0812WBS01

Tgt Ion: 43 Resp: 354394

Ion Ratio Lower Upper

43 100

86 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

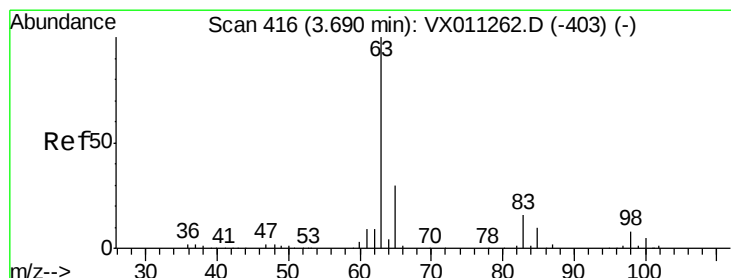
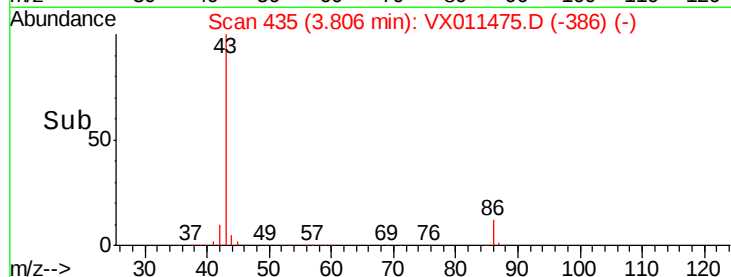
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.650 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

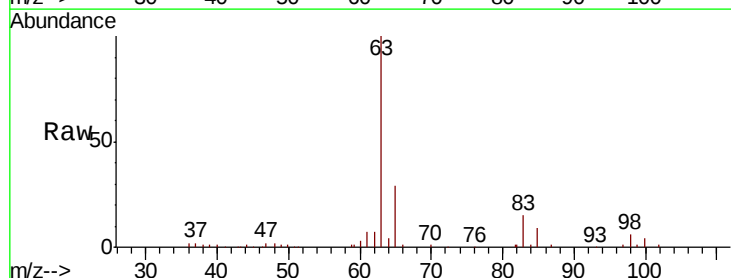
Tgt Ion: 63 Resp: 48448

Ion Ratio Lower Upper

63 100

98 6.2 3.9 11.5

100 3.7 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

25000

20000

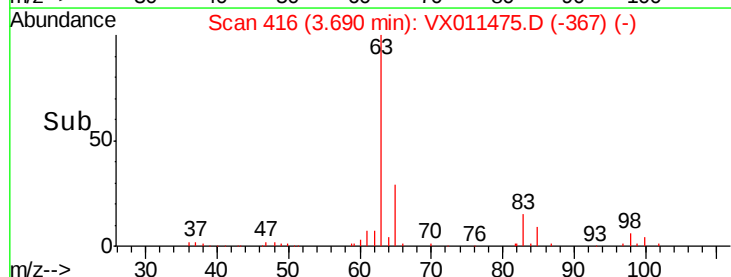
15000

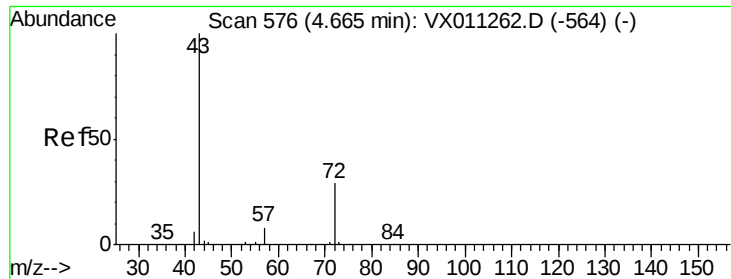
10000

5000

0

Time-->





#25

2-Butanone

Concen: 100.298 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

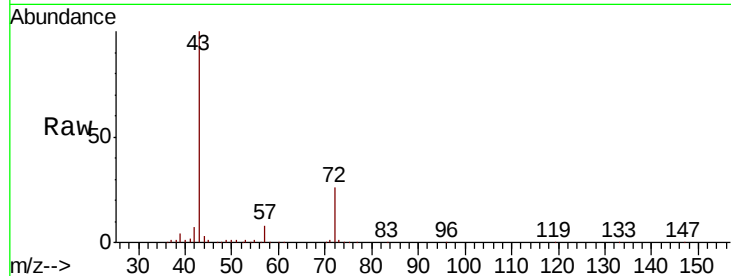
VX0812WBS01

Tgt Ion: 43 Resp: 107268

Ion Ratio Lower Upper

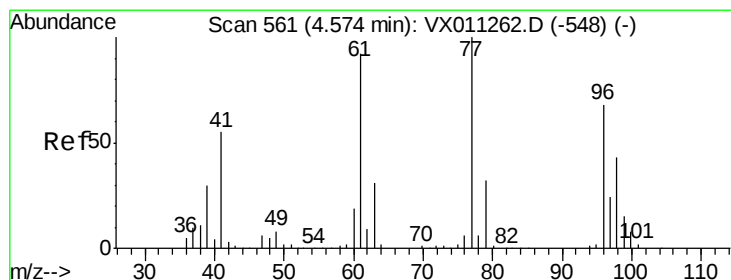
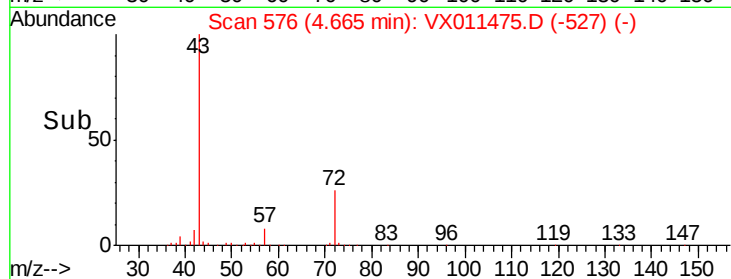
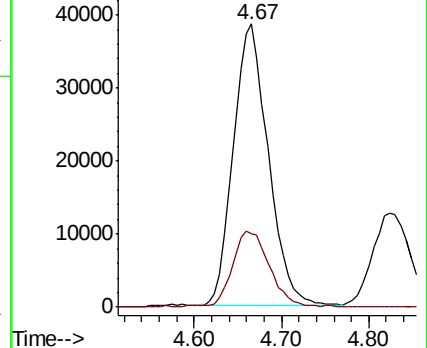
43 100

72 26.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.985 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011475.D

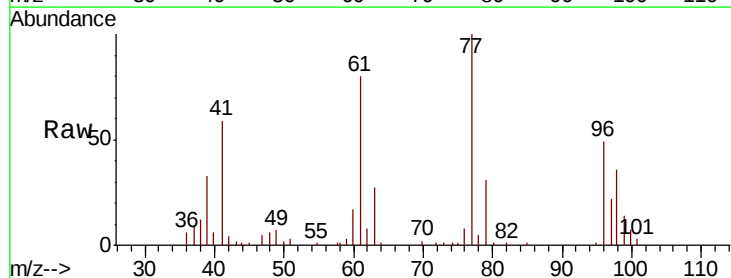
Acq: 12 Aug 2019 11:58

Tgt Ion: 77 Resp: 38304

Ion Ratio Lower Upper

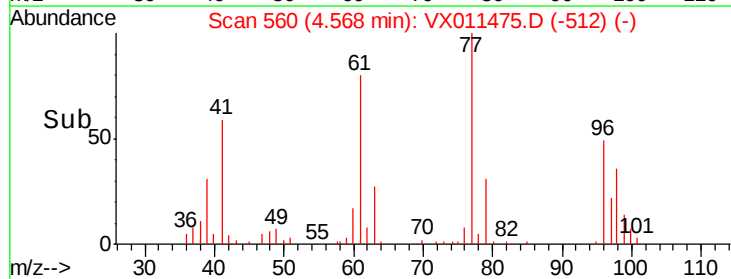
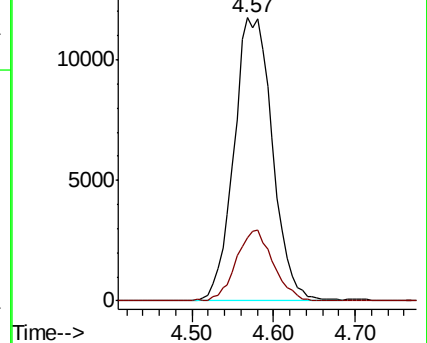
77 100

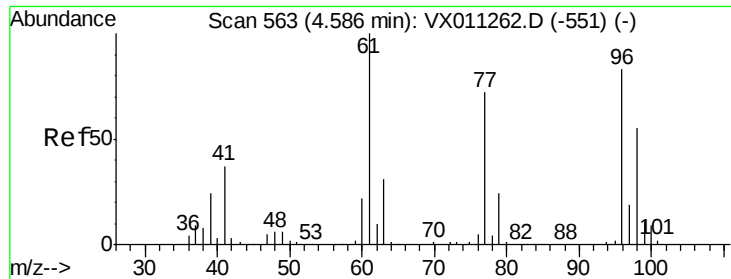
97 24.0 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



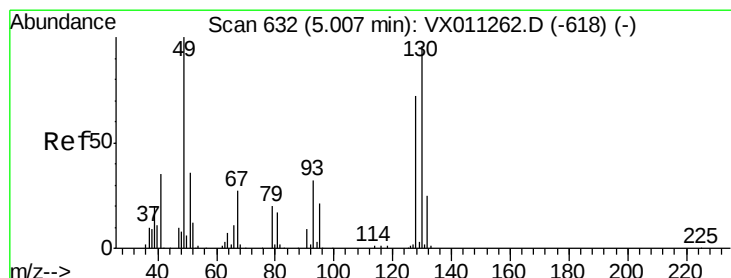
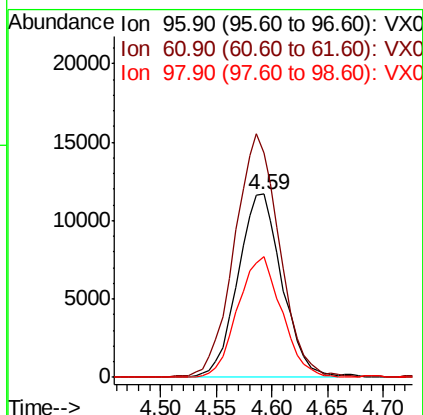
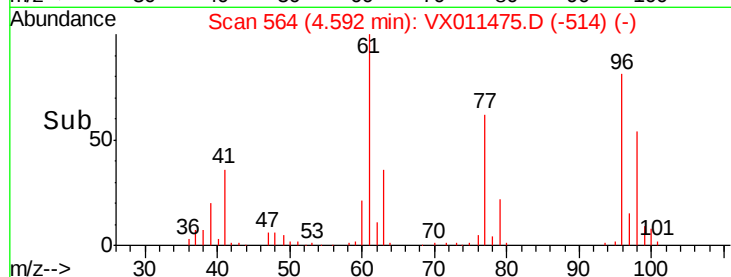
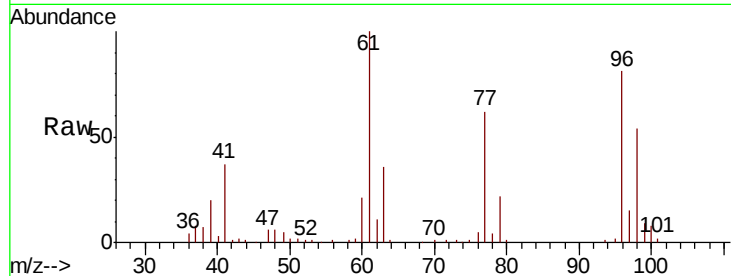


#27

cis-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

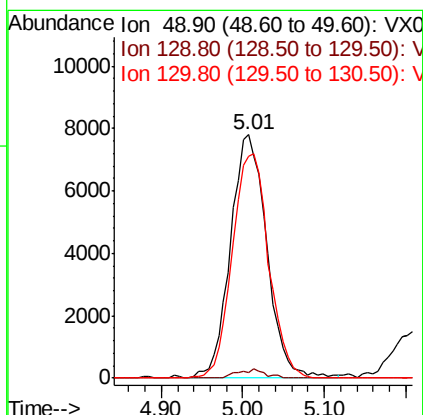
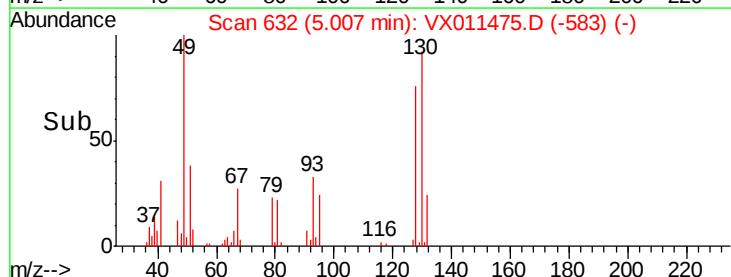
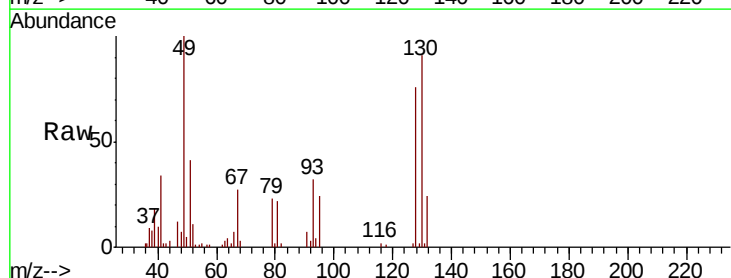
Tgt Ion: 96 Resp: 32189
Ion Ratio Lower Upper
96 100
61 135.8 0.0 260.2
98 66.0 0.0 133.2

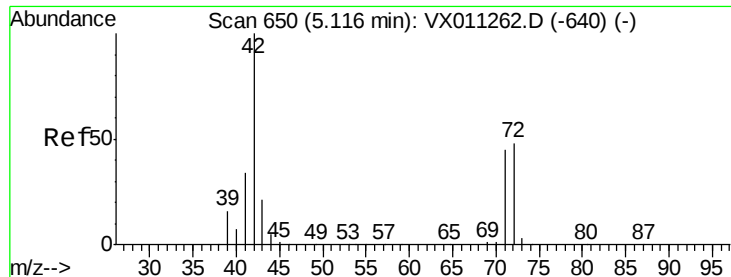


#28

Bromochloromethane
Concen: 21.420 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 49 Resp: 24076
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.8
130 92.2 77.9 116.9





#29

Tetrahydrofuran

Concen: 98.526 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

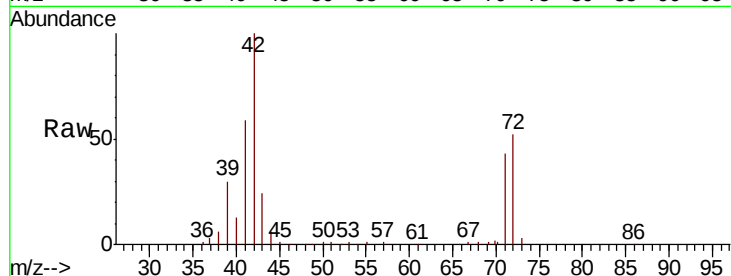
Tgt Ion: 42 Resp: 64609

Ion Ratio Lower Upper

42 100

72 50.8 39.9 59.9

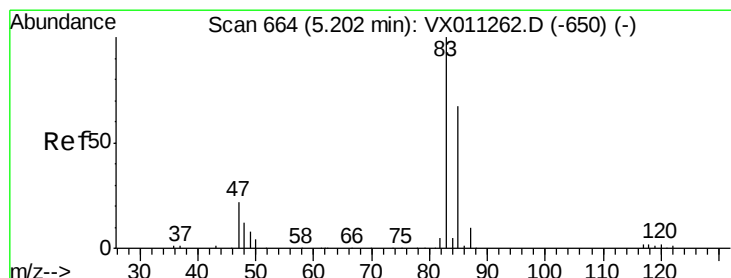
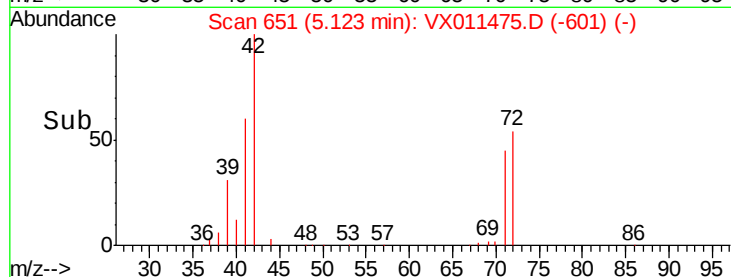
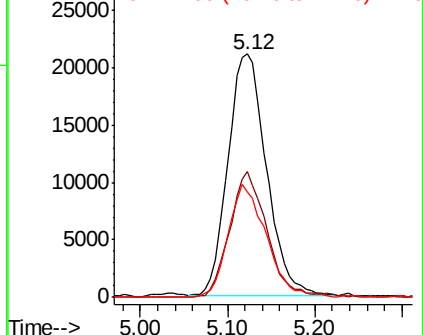
71 46.1 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.146 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011475.D

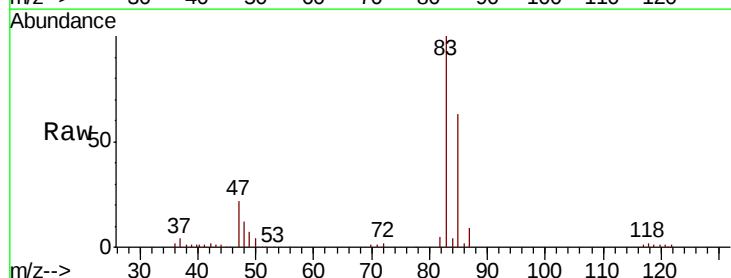
Acq: 12 Aug 2019 11:58

Tgt Ion: 83 Resp: 53987

Ion Ratio Lower Upper

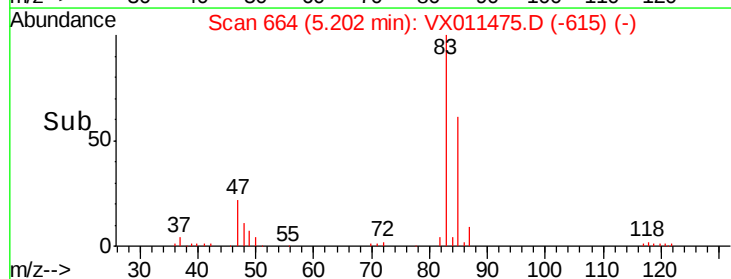
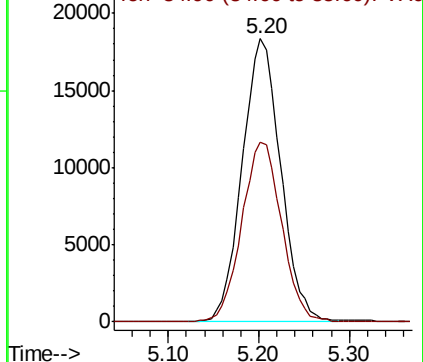
83 100

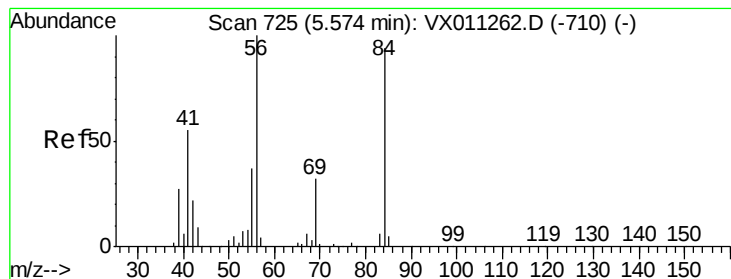
85 63.4 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.122 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

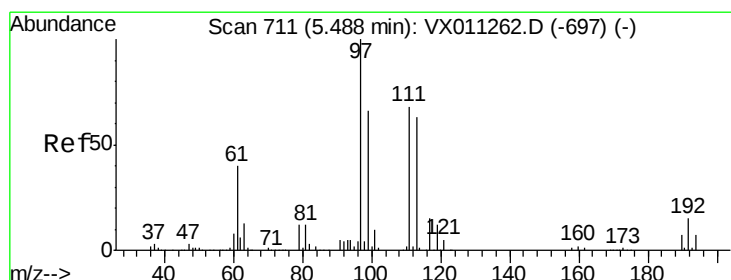
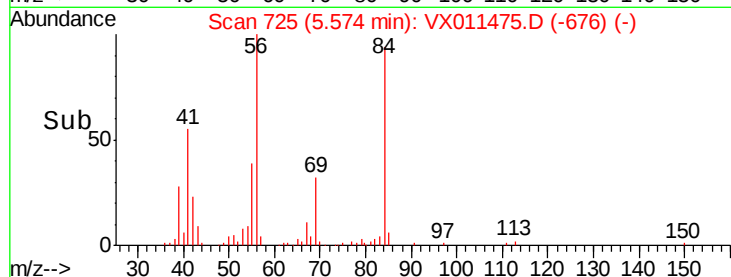
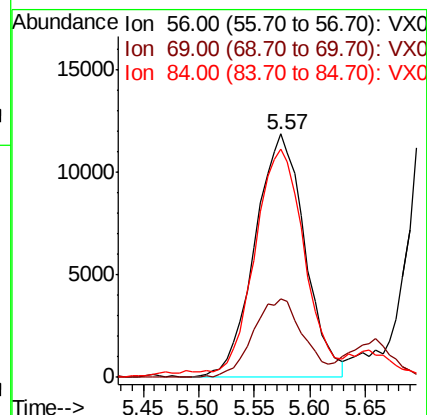
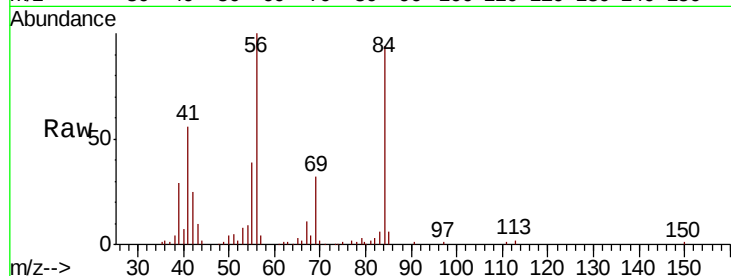
Tgt Ion: 56 Resp: 36863

Ion Ratio Lower Upper

56 100

69 32.2 25.5 38.3

84 91.2 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 19.743 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

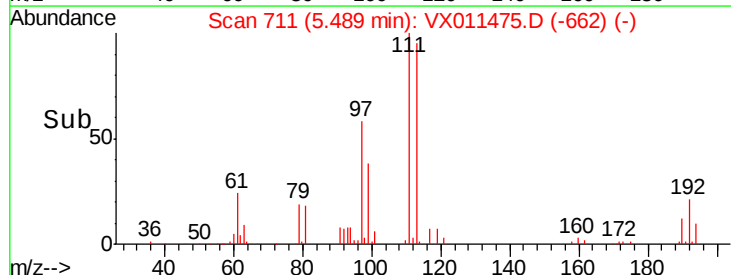
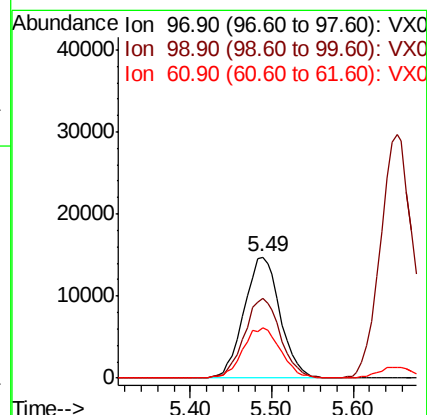
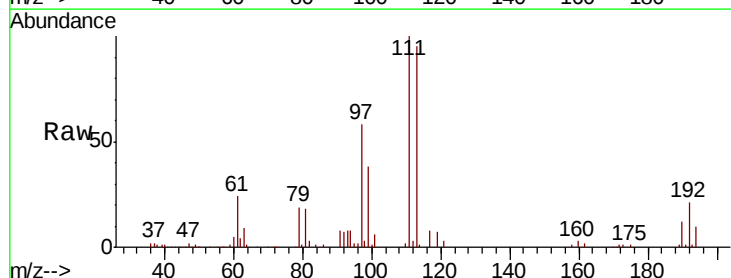
Tgt Ion: 97 Resp: 45321

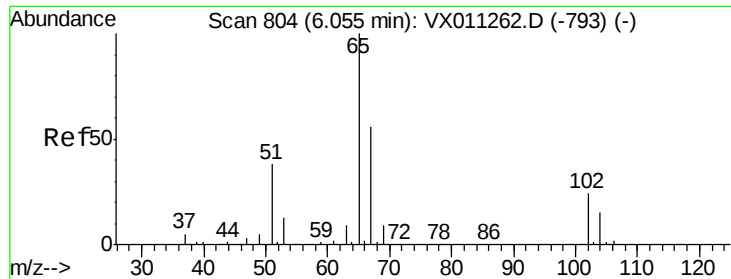
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 44.0 32.3 48.5

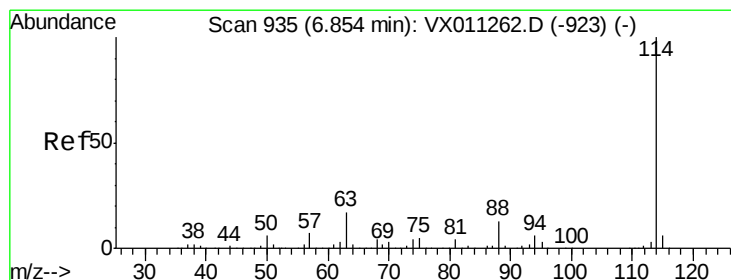
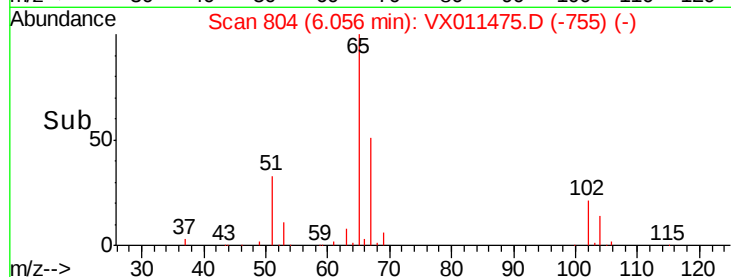
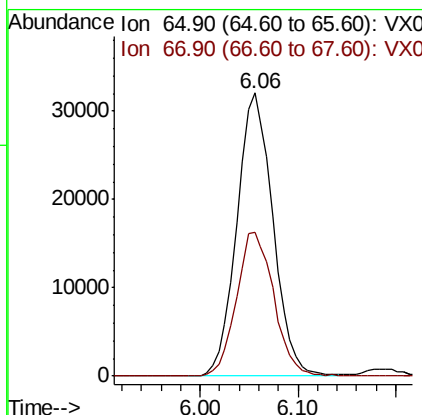
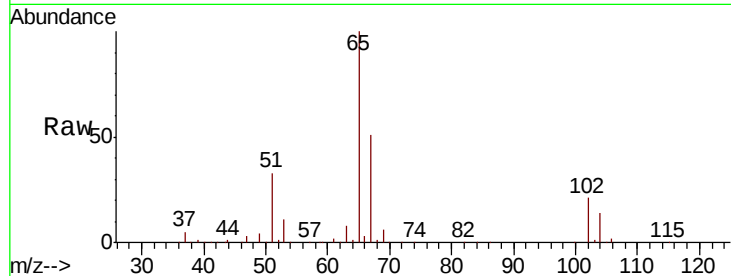




#33
 1,2-Dichloroethane-d4
 Concen: 52.118 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

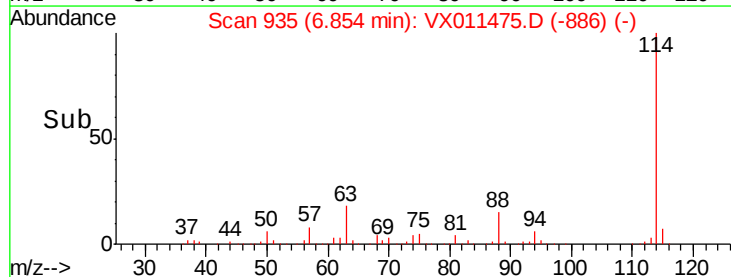
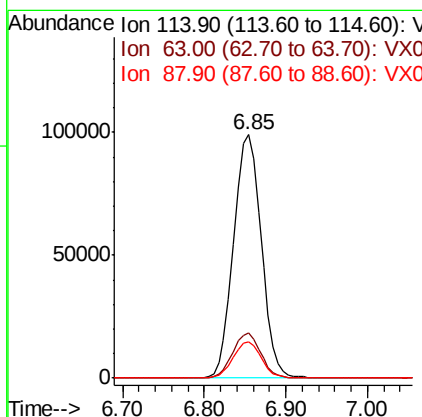
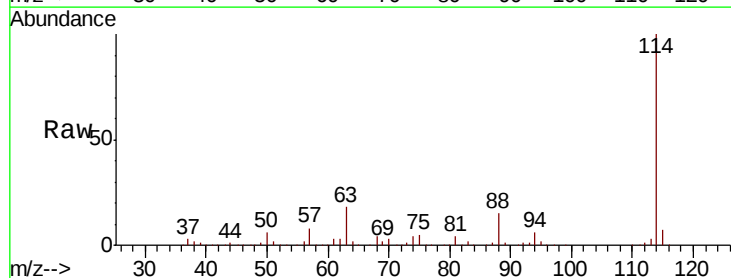
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

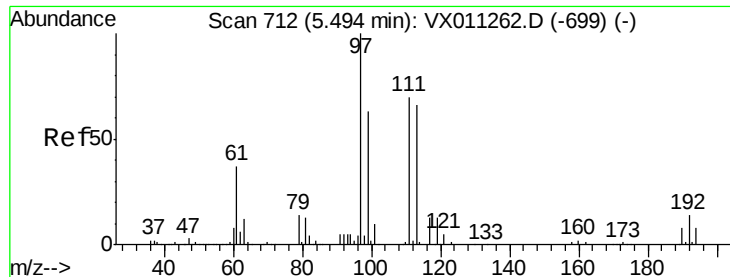
Tgt Ion: 65 Resp: 82323
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion: 114 Resp: 232689
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 14.7 0.0 26.4

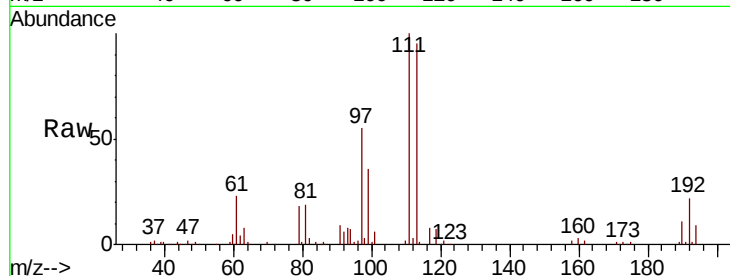




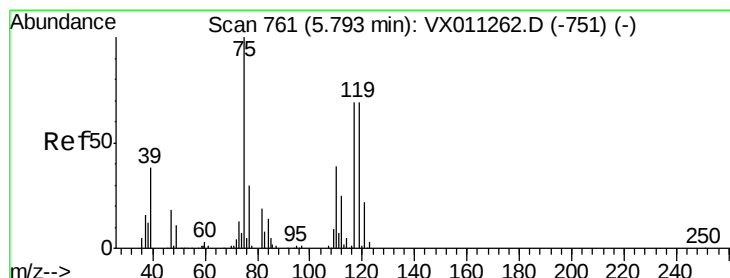
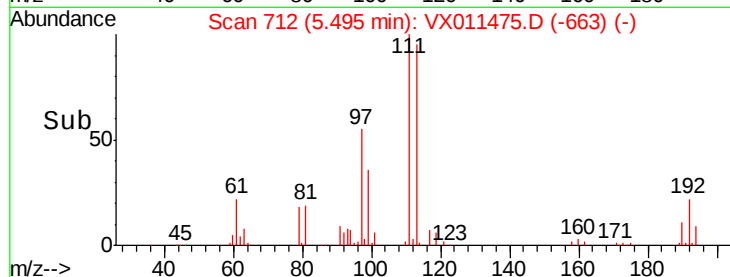
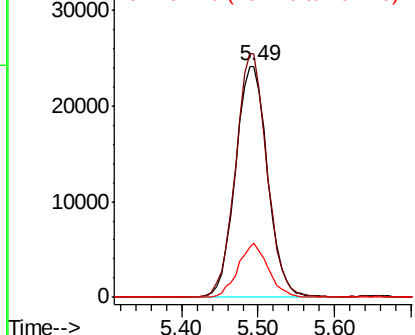
#35
 Dibromofluoromethane
 Concen: 46.416 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Tgt Ion:113 Resp: 70514
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 21.8 17.8 26.8

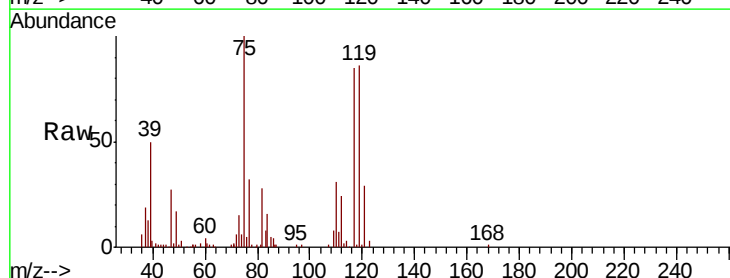


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

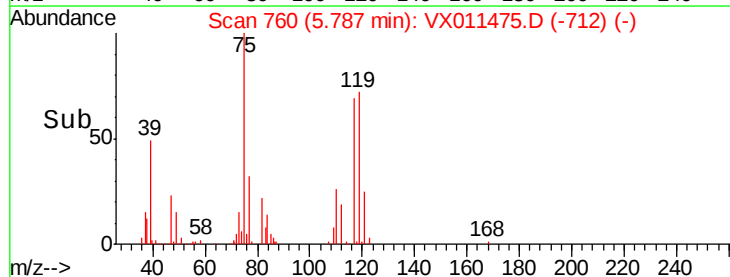
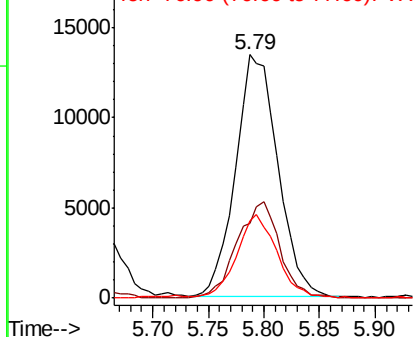


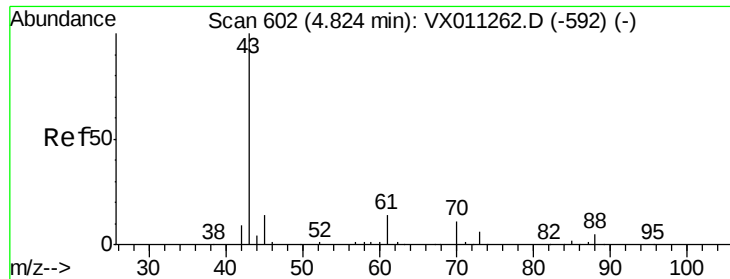
#36
 1,1-Dichloropropene
 Concen: 17.454 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion: 75 Resp: 35459
 Ion Ratio Lower Upper
 75 100
 110 40.1 20.0 59.9
 77 33.0 24.8 37.2



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

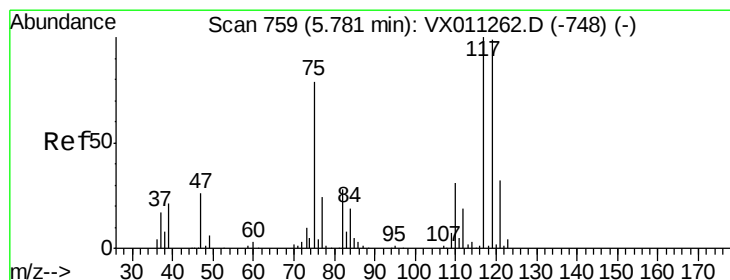
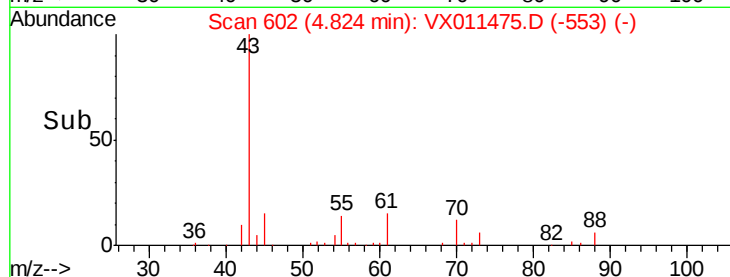
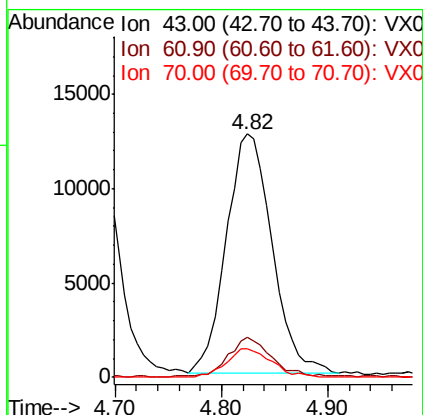
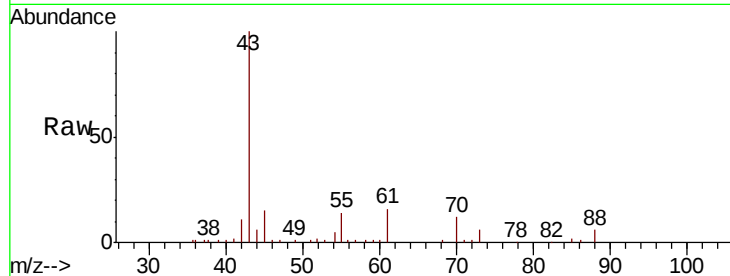




#37
Ethyl Acetate
Concen: 18.771 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

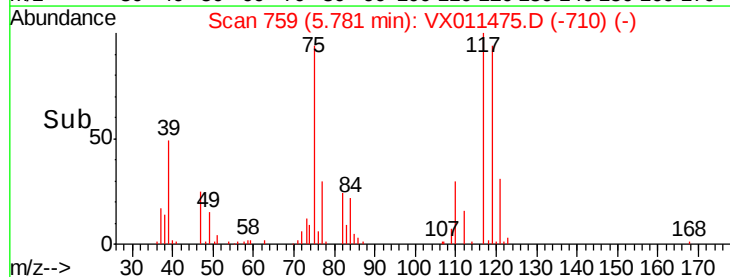
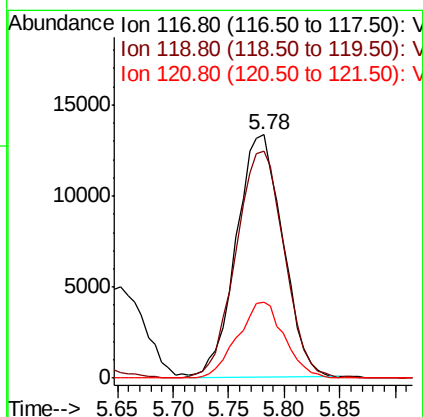
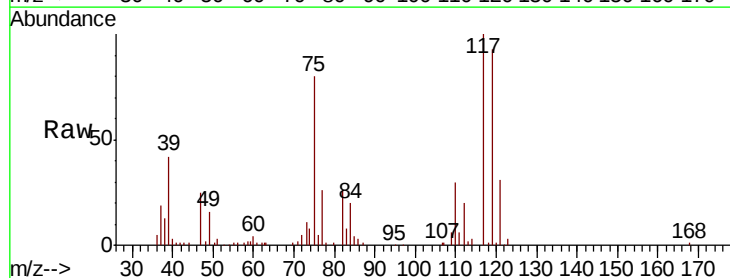
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

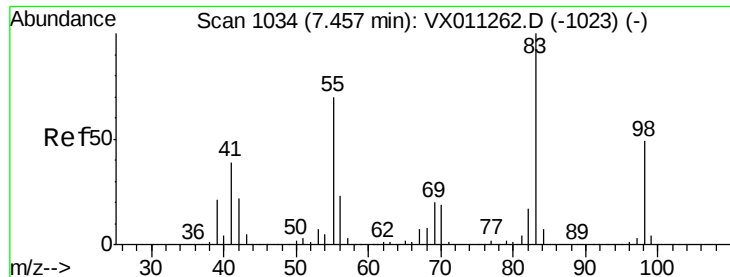
Tgt Ion: 43 Resp: 38253
Ion Ratio Lower Upper
43 100
61 16.2 12.6 18.8
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.976 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 117 Resp: 38785
Ion Ratio Lower Upper
117 100
119 93.5 79.0 118.4
121 31.6 25.9 38.9

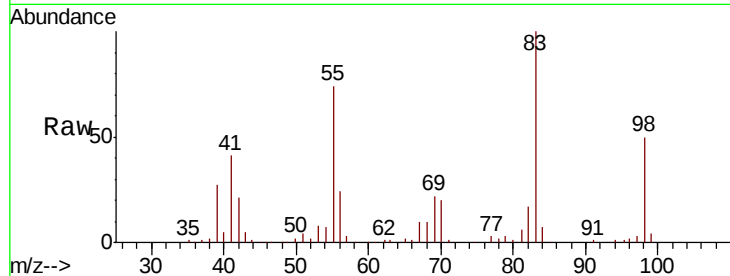




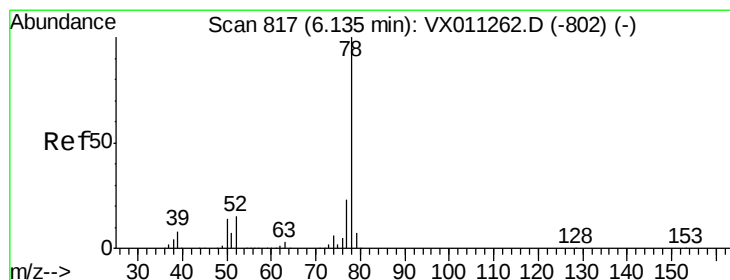
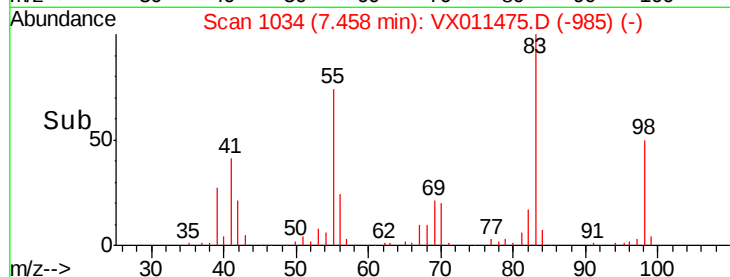
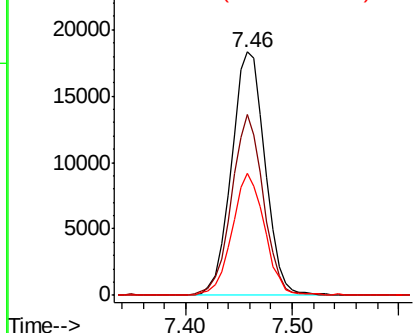
#39
Methylcyclohexane
Concen: 16.832 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 83 Resp: 40533
Ion Ratio Lower Upper
83 100
55 74.2 56.1 84.1
98 50.1 39.0 58.4

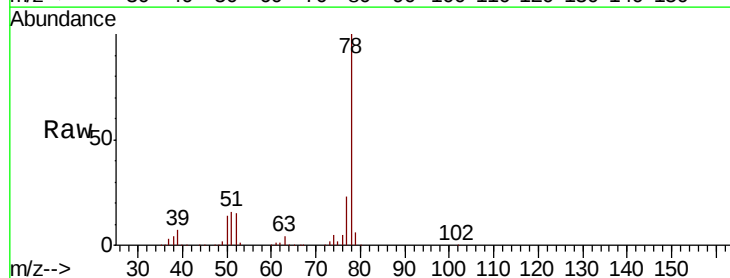


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

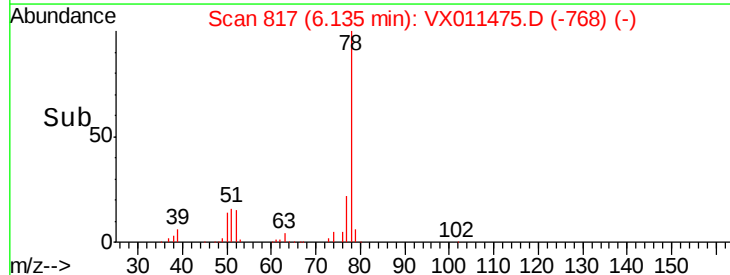
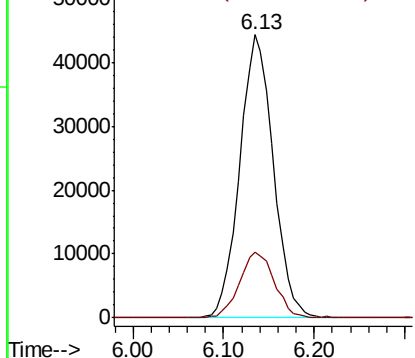


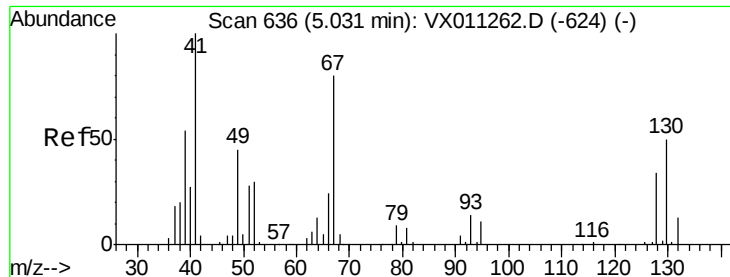
#40
Benzene
Concen: 18.698 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 78 Resp: 113355
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.293 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0812WBS01

Tgt Ion: 41 Resp: 21472

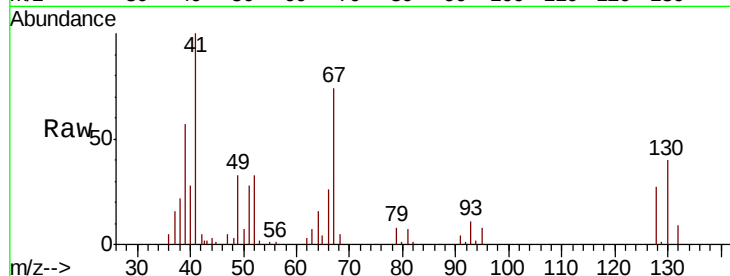
Ion Ratio Lower Upper

41 100

39 57.8 43.0 64.6

67 80.8 65.1 97.7

52 33.3 24.8 37.2



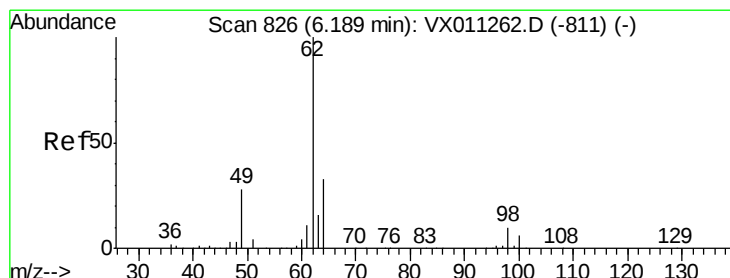
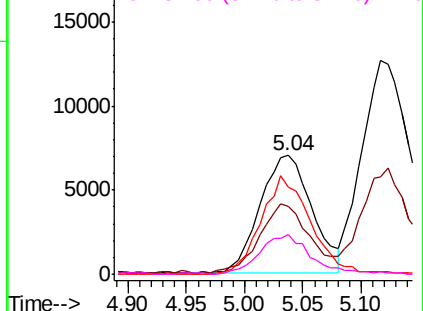
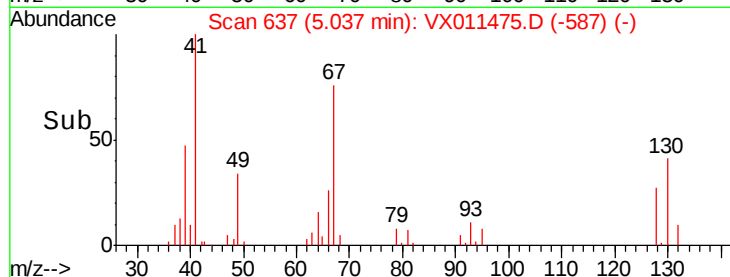
Abundance

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: 20.693 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011475.D

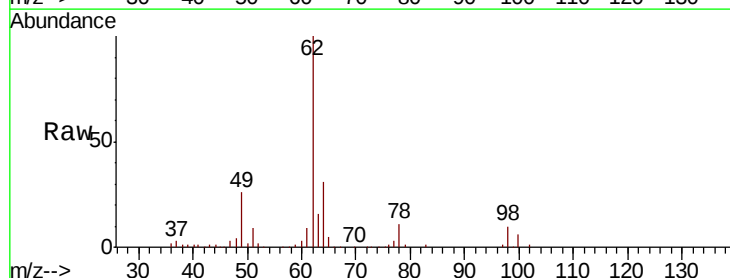
Acq: 12 Aug 2019 11:58

Tgt Ion: 62 Resp: 42421

Ion Ratio Lower Upper

62 100

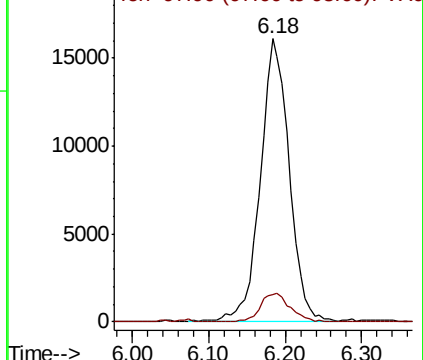
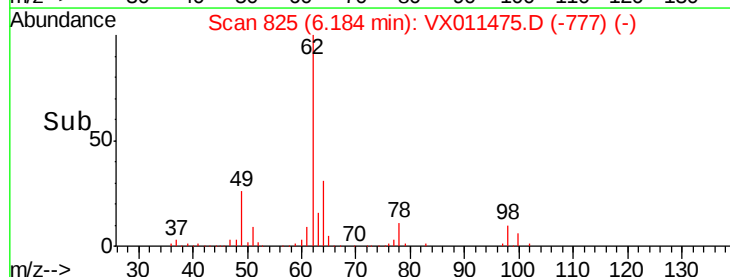
98 10.4 0.0 20.6

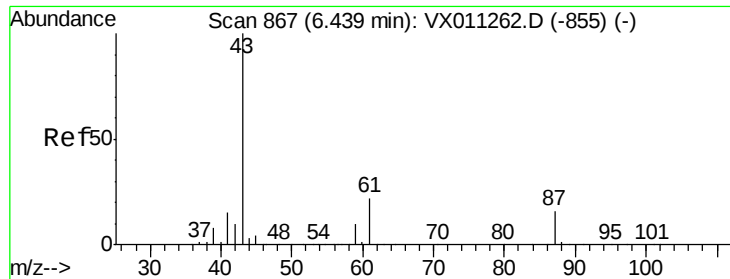


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.969 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

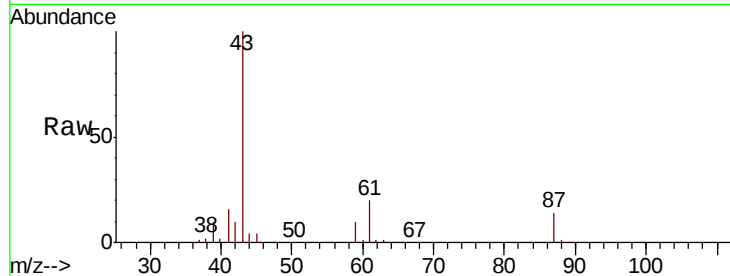
Tgt Ion: 43 Resp: 61800

Ion Ratio Lower Upper

43 100

61 21.3 16.5 24.7

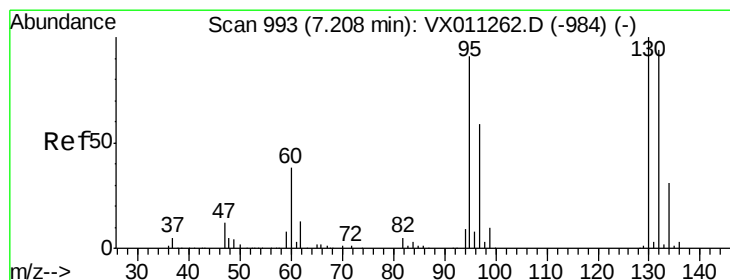
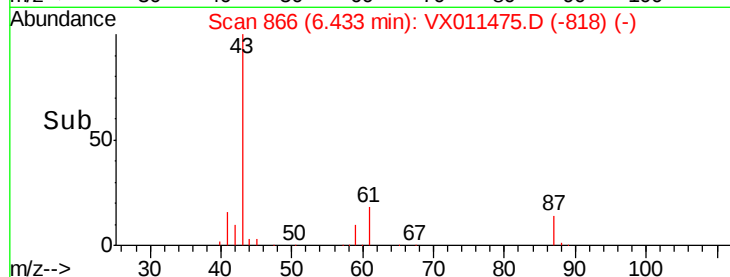
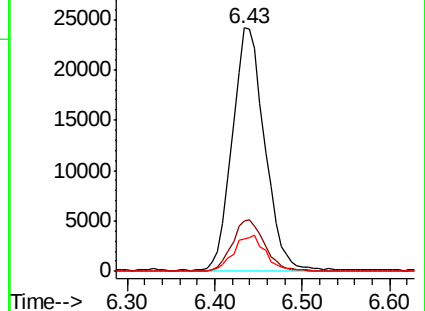
87 14.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.845 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011475.D

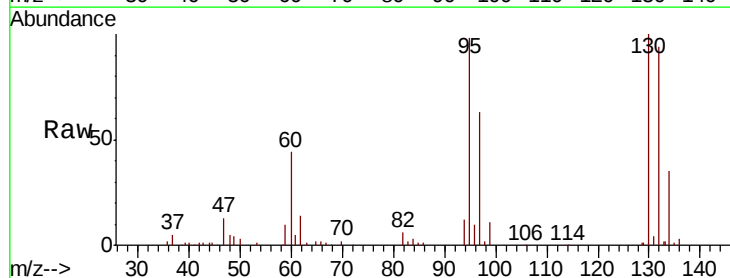
Acq: 12 Aug 2019 11:58

Tgt Ion: 130 Resp: 32746

Ion Ratio Lower Upper

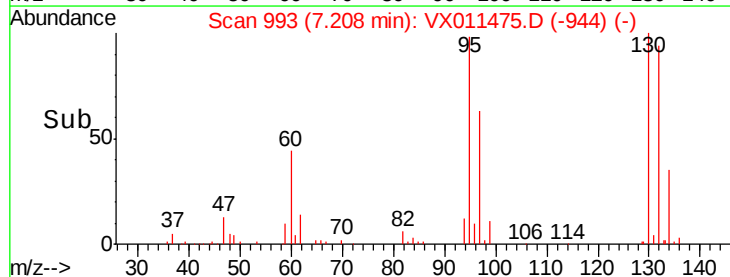
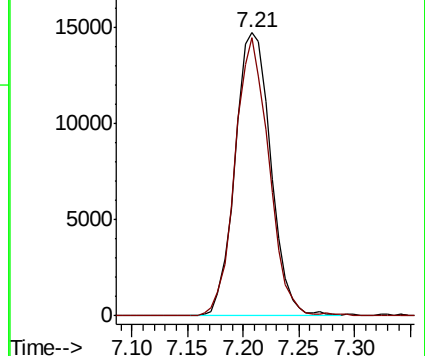
130 100

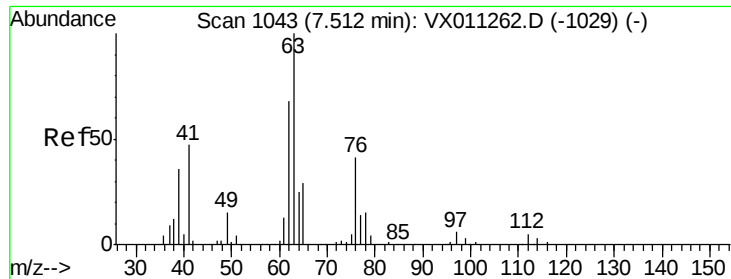
95 98.4 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.427 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

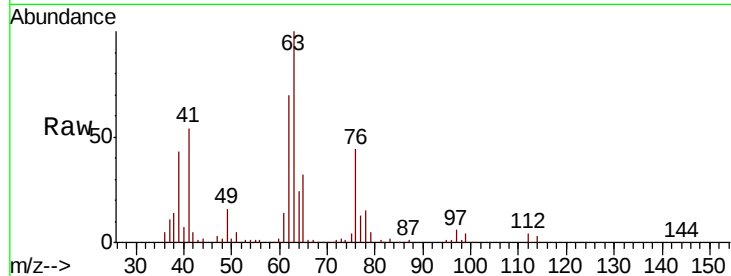
VX0812WBS01

Tgt Ion: 63 Resp: 28932

Ion Ratio Lower Upper

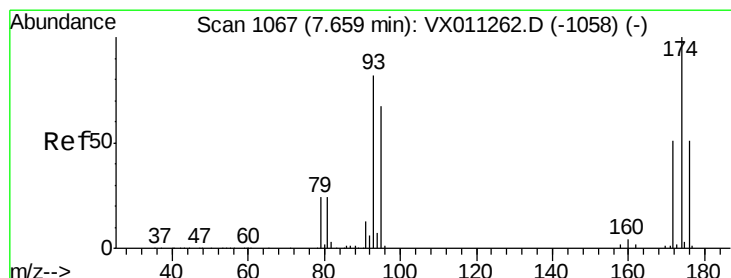
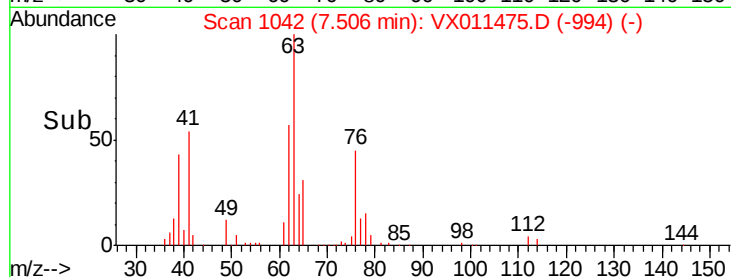
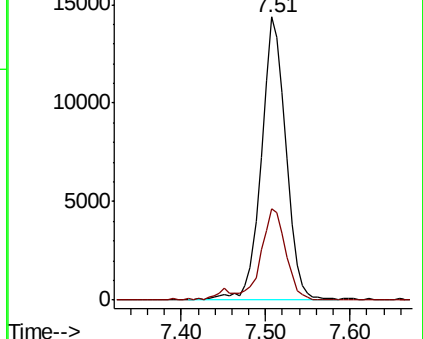
63 100

65 32.1 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.797 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

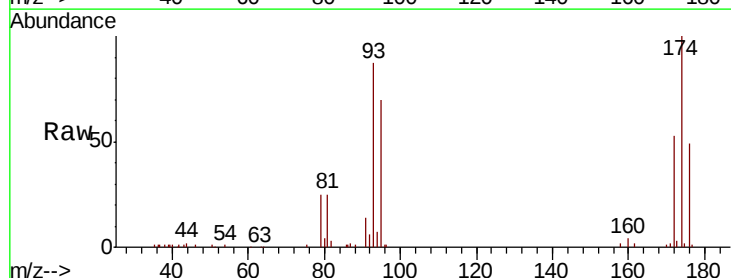
Tgt Ion: 93 Resp: 21544

Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

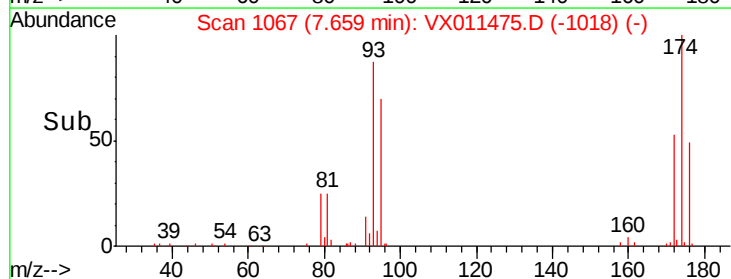
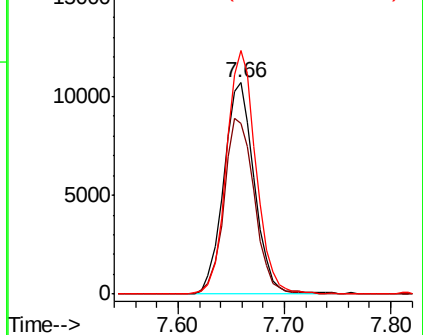
174 111.0 93.4 140.2

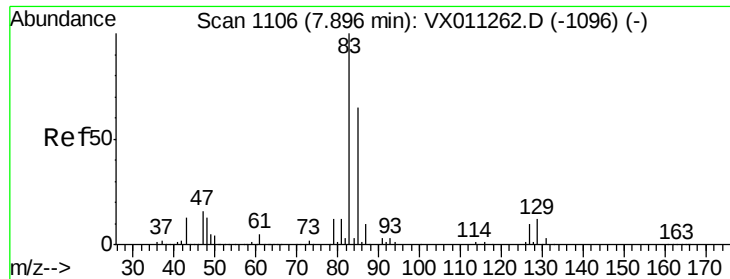


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.157 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

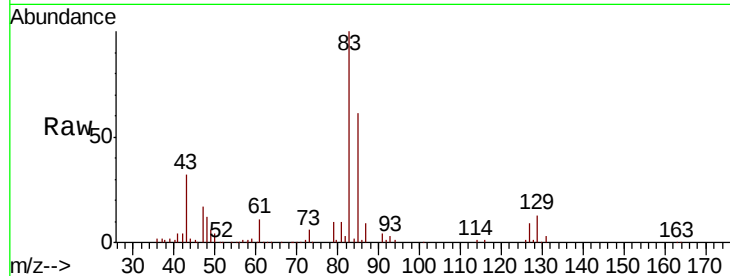
Tgt Ion: 83 Resp: 39115

Ion Ratio Lower Upper

83 100

85 61.1 52.2 78.2

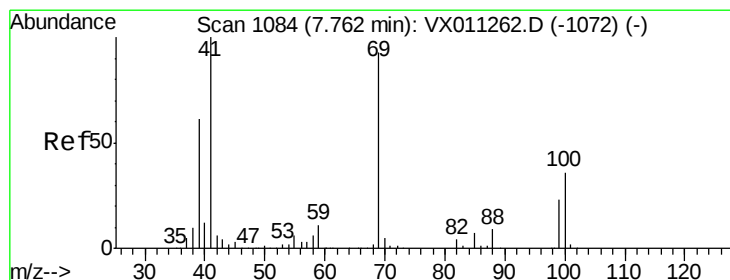
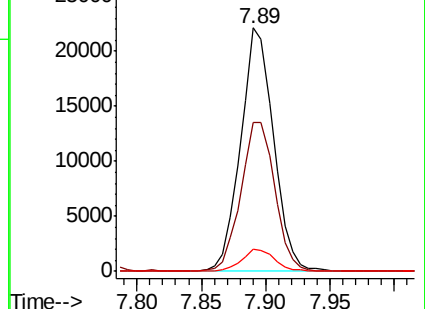
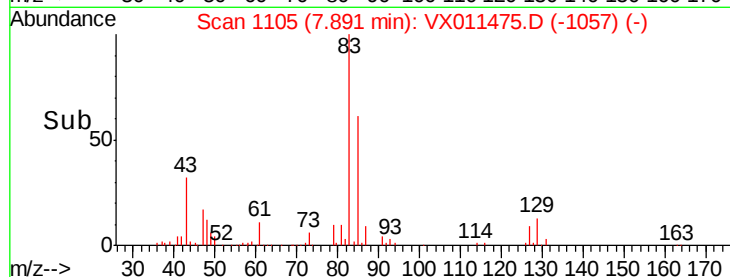
127 8.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.756 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

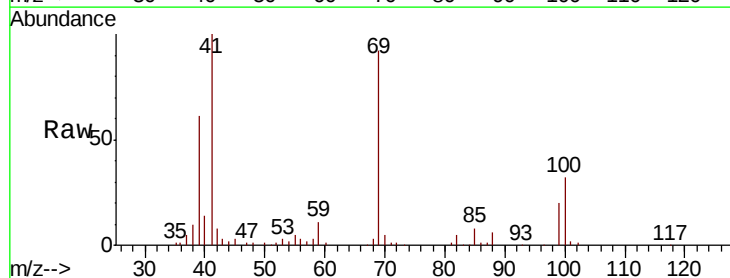
Tgt Ion: 41 Resp: 30292

Ion Ratio Lower Upper

41 100

69 91.1 74.5 111.7

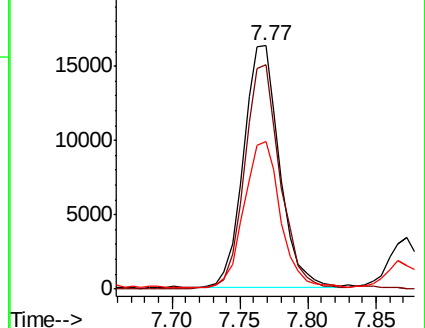
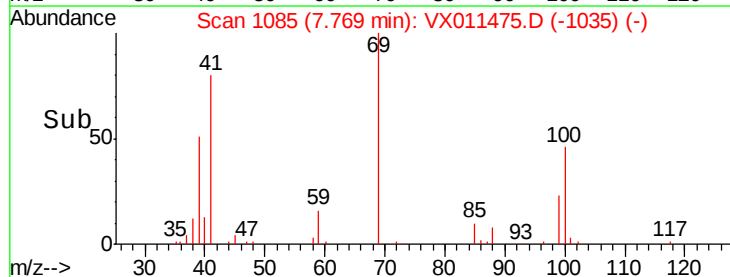
39 61.2 48.6 72.8

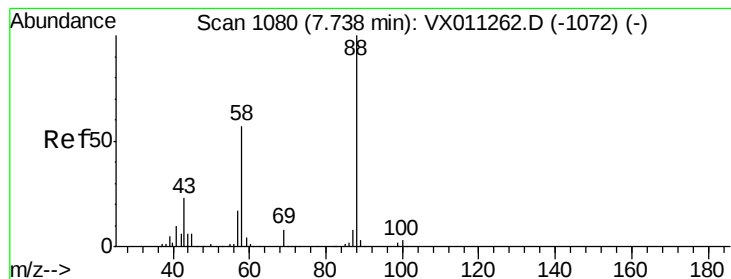


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 357.270 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

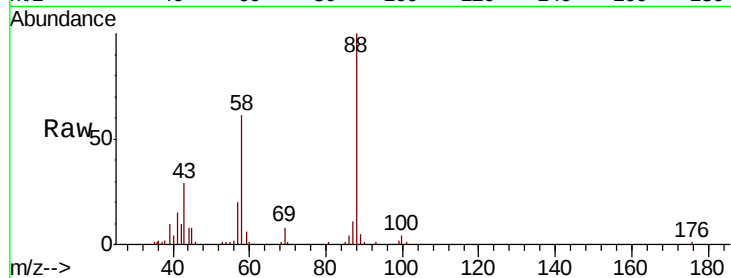
Tgt Ion: 88 Resp: 15881

Ion Ratio Lower Upper

88 100

43 31.8 22.2 33.2

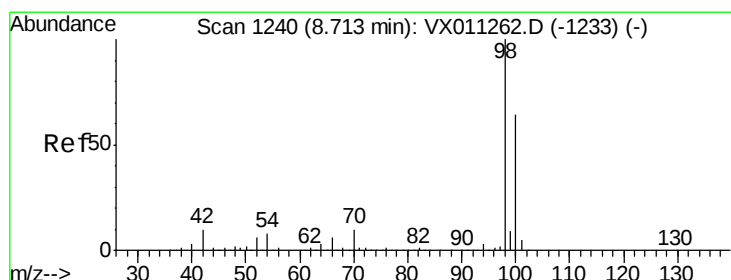
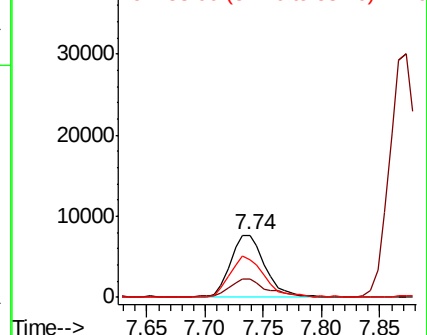
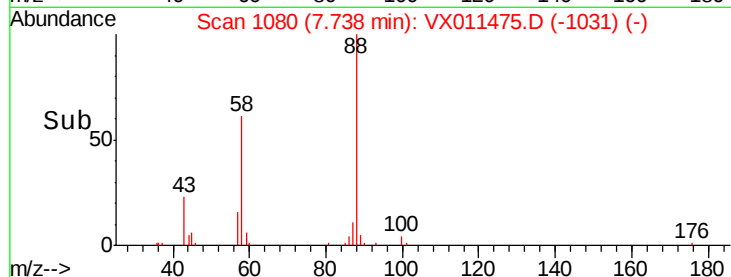
58 66.9 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.603 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011475.D

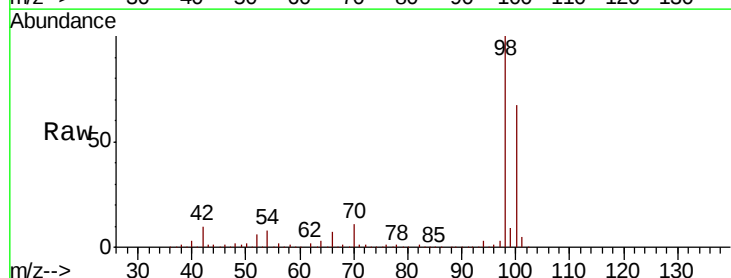
Acq: 12 Aug 2019 11:58

Tgt Ion: 98 Resp: 261505

Ion Ratio Lower Upper

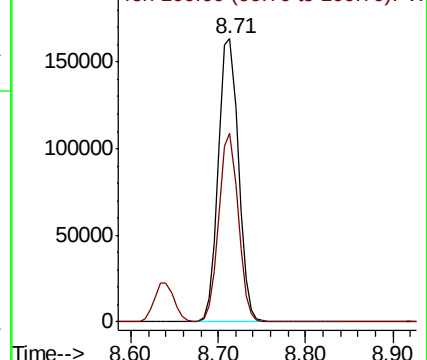
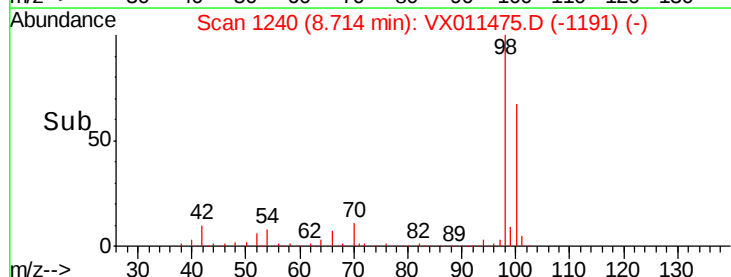
98 100

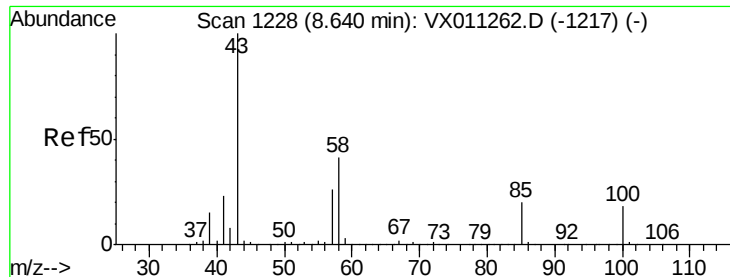
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.020 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

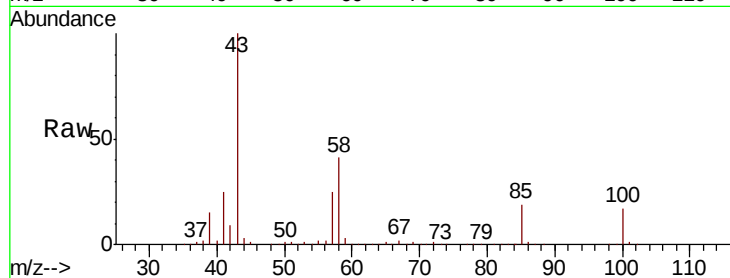
VX0812WBS01

Tgt Ion: 43 Resp: 212405

Ion Ratio Lower Upper

43 100

58 39.9 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

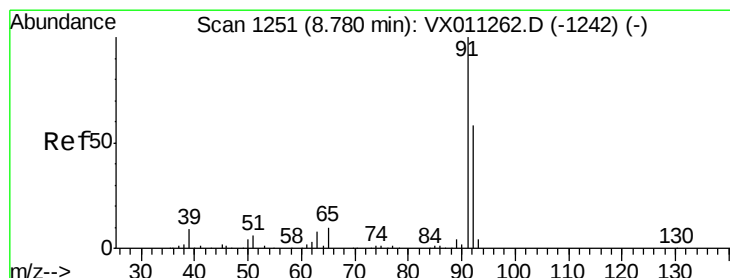
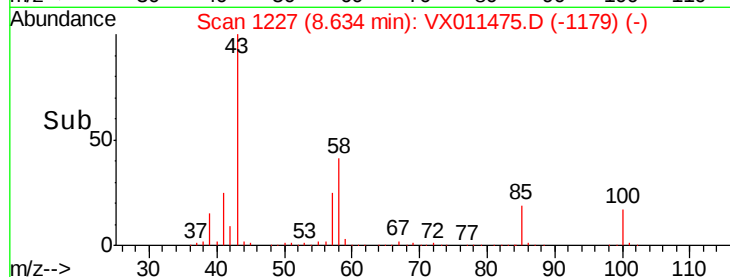
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.488 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011475.D

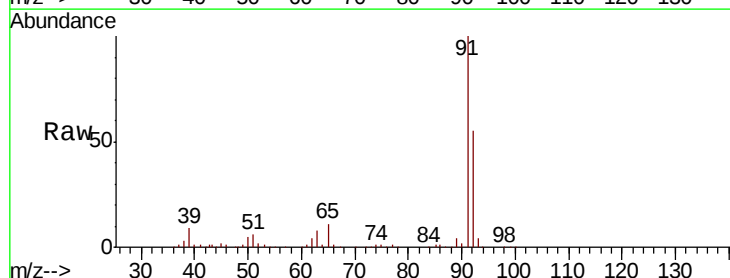
Acq: 12 Aug 2019 11:58

Tgt Ion: 92 Resp: 74105

Ion Ratio Lower Upper

92 100

91 178.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

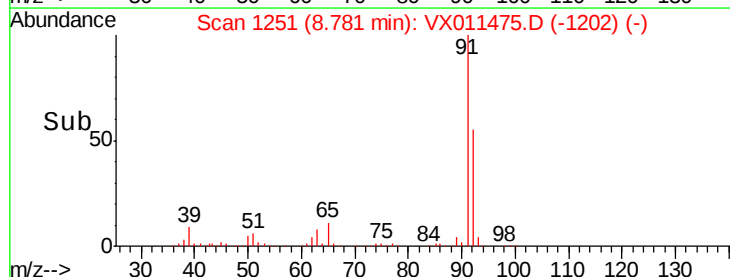
60000

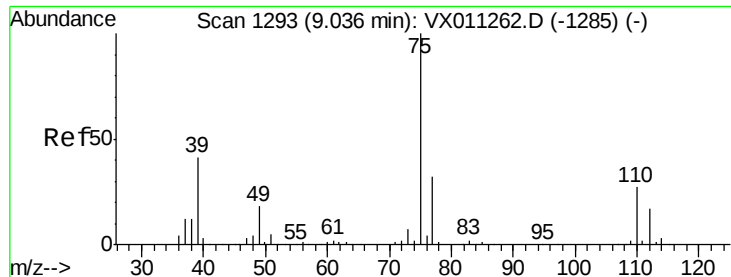
40000

20000

0

Time-->

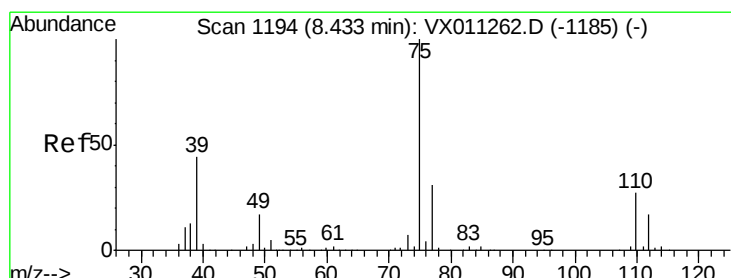
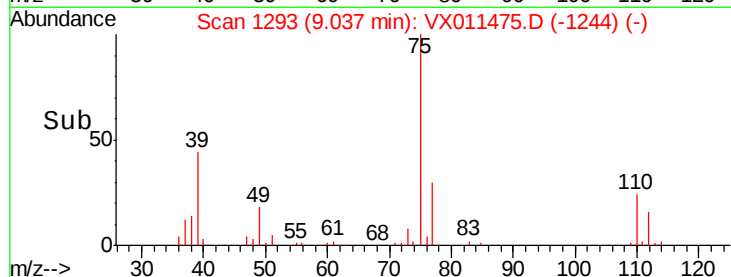
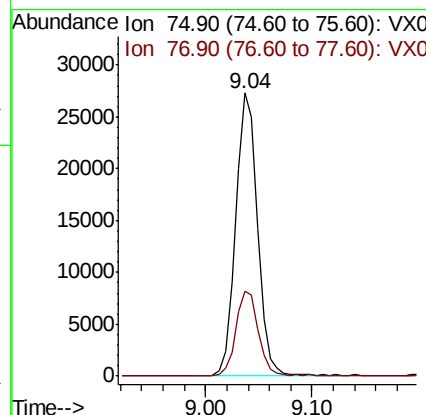
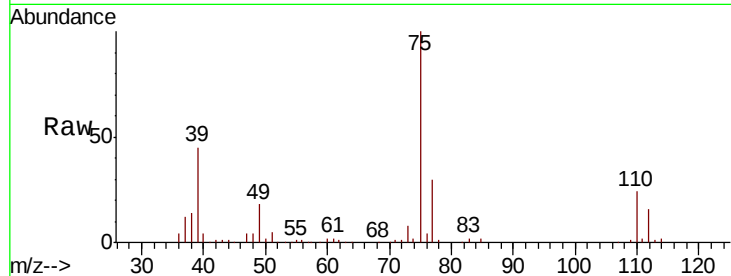




#53
 t-1,3-Dichloropropene
 Concen: 19.362 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

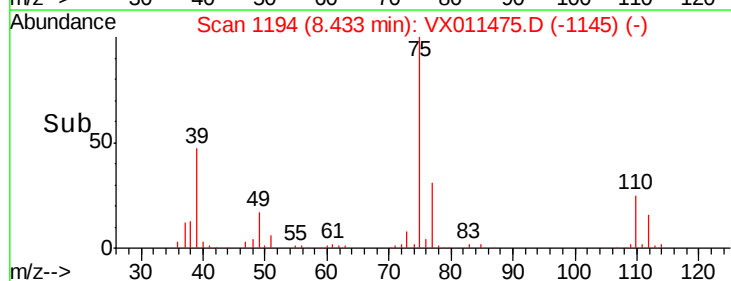
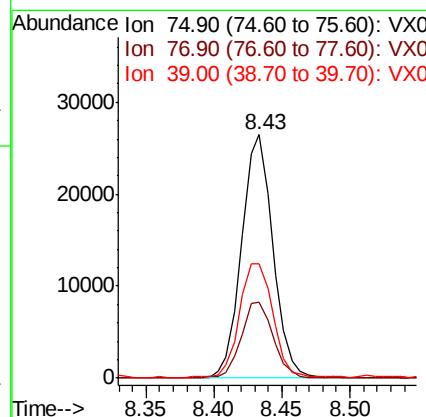
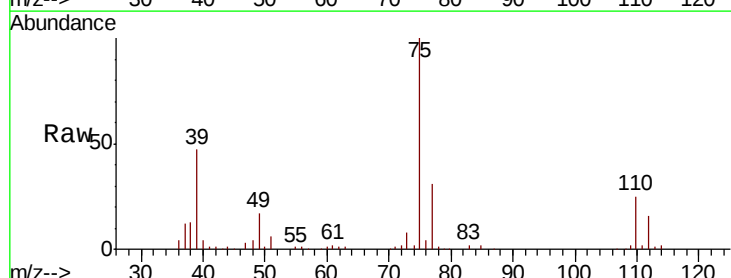
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Tgt Ion: 75 Resp: 39589
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.835 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion: 75 Resp: 42695
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 46.5 35.3 52.9

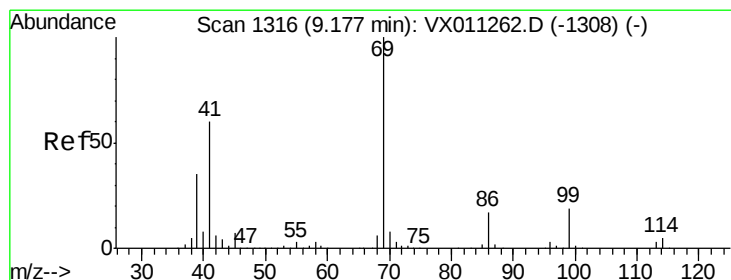
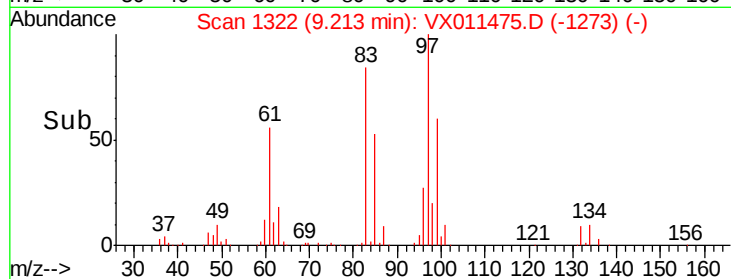
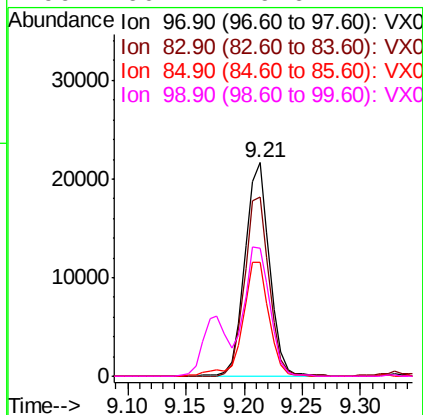
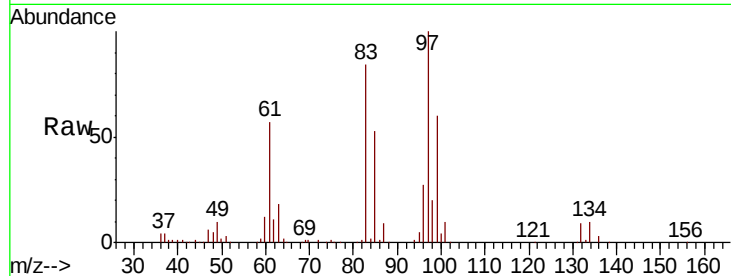




#55
 1,1,2-Trichloroethane
 Concen: 19.382 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

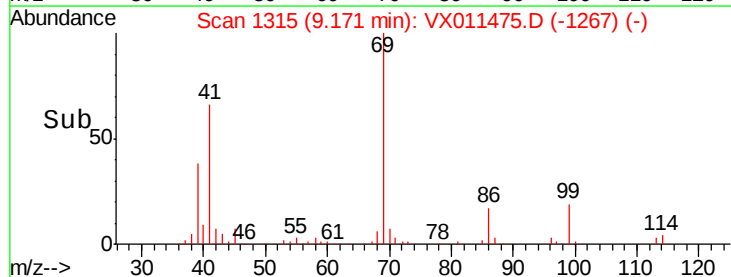
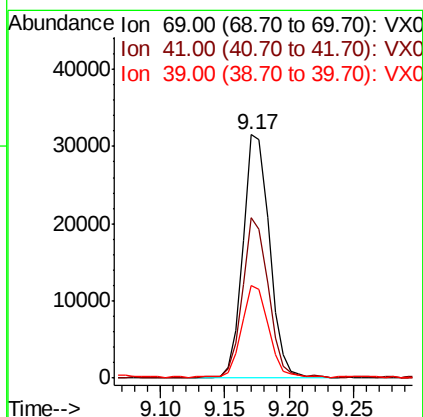
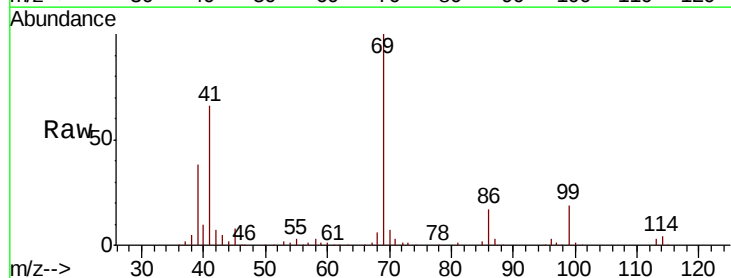
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

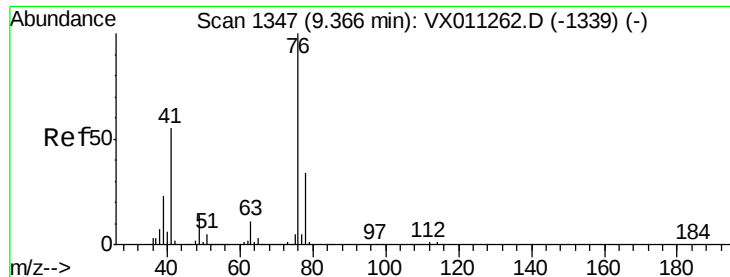
Tgt Ion:	97	Resp:	31942
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.6	101.4
85	52.9	43.4	65.0
99	60.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.117 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion:	69	Resp:	44896
Ion	Ratio	Lower	Upper
69	100		
41	64.4	48.6	73.0
39	38.3	29.4	44.2

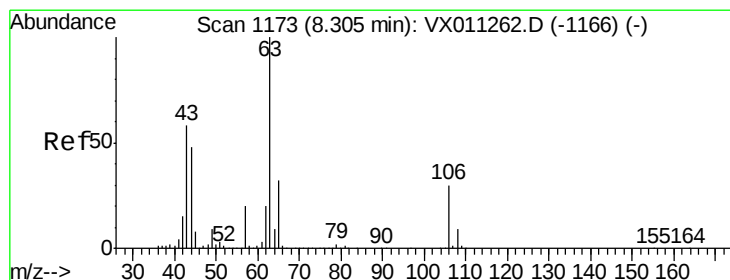
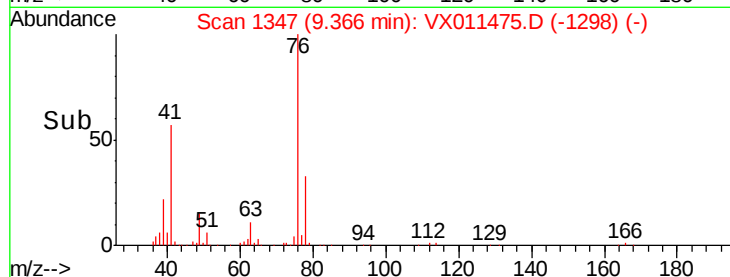
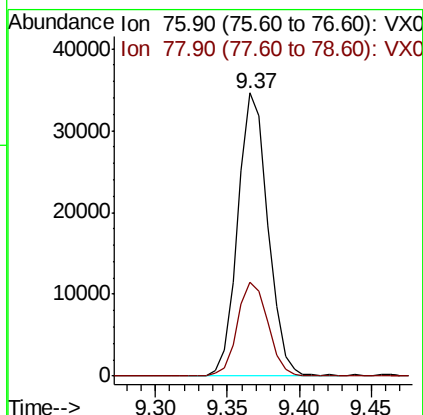
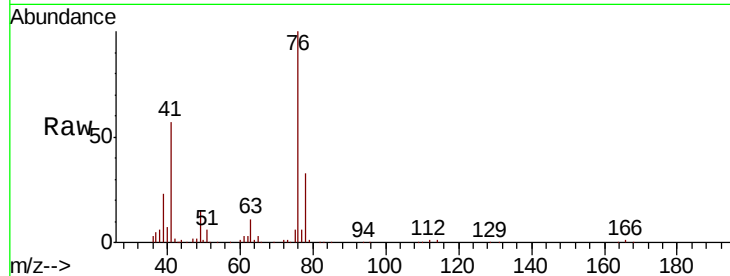




#57
 1,3-Dichloropropane
 Concen: 19.348 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

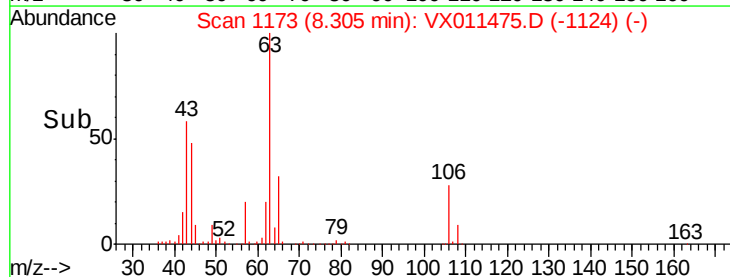
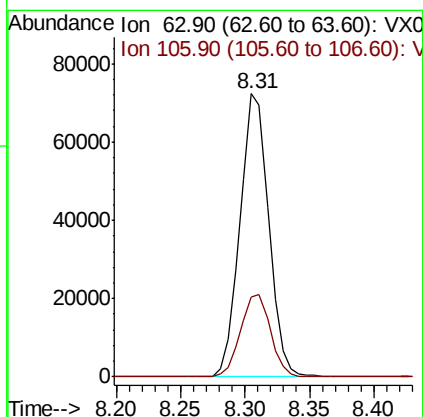
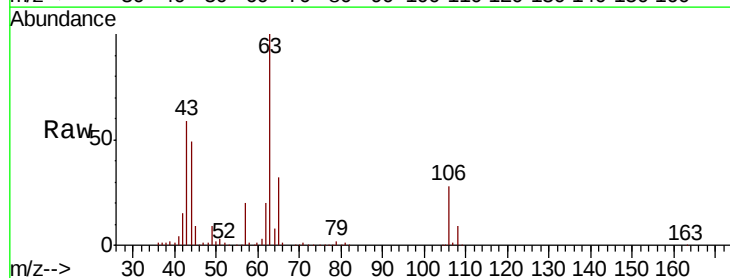
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

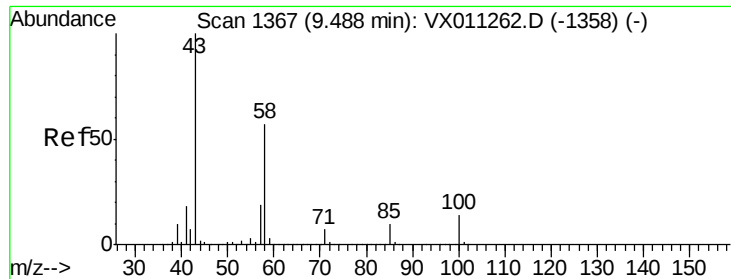
Tgt Ion: 76 Resp: 50429
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.798 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion: 63 Resp: 111778
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.4 36.6

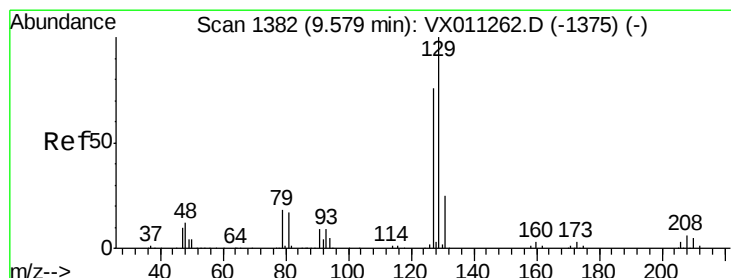
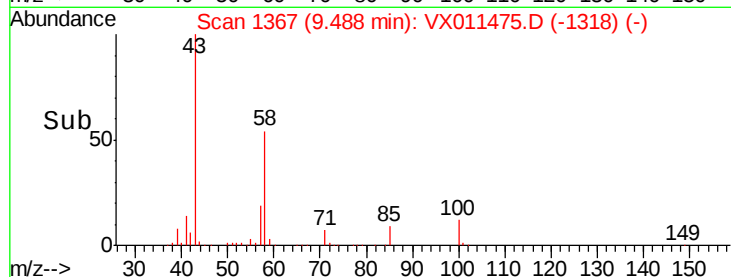
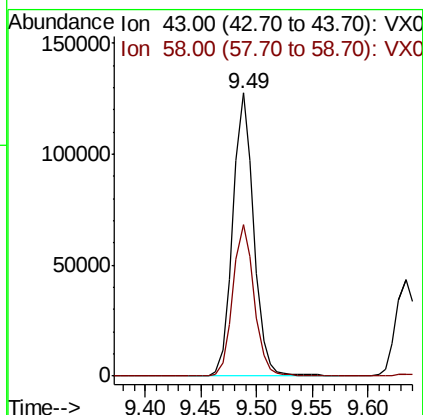
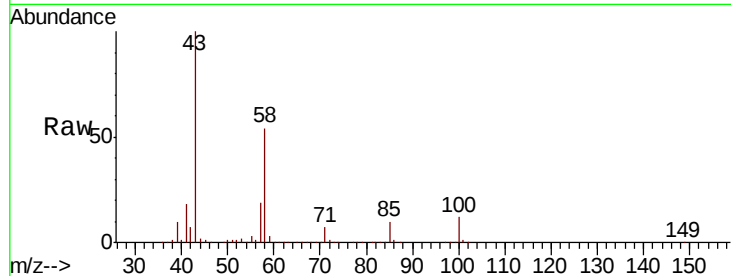




#59
2-Hexanone
Concen: 102.240 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

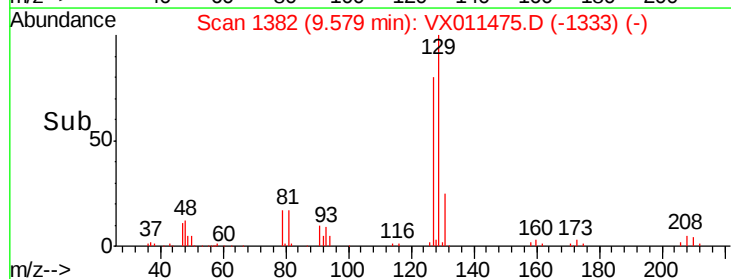
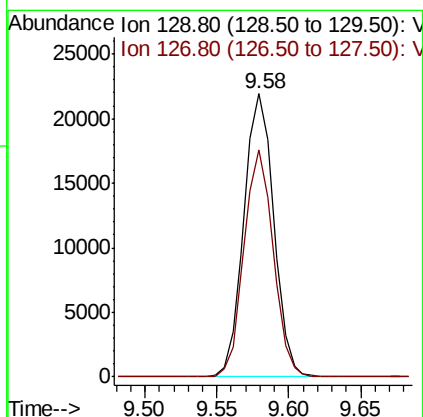
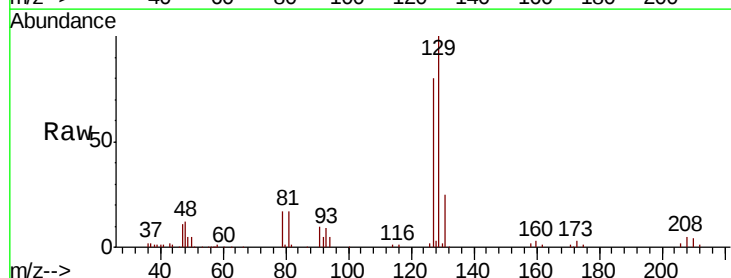
Instrument :
MSVOA_X
ClientSampled :
VX0812WBS01

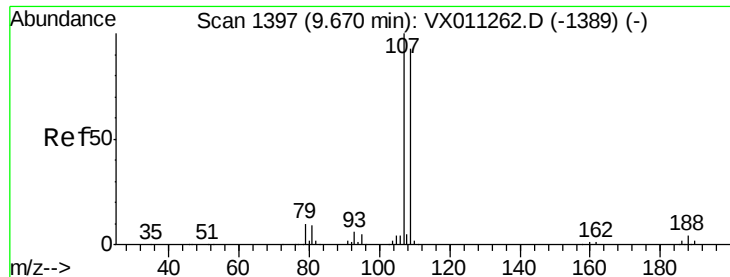
Tgt Ion: 43 Resp: 166509
Ion Ratio Lower Upper
43 100
58 54.3 28.2 84.6



#60
Dibromochloromethane
Concen: 18.706 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 129 Resp: 31562
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.835 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

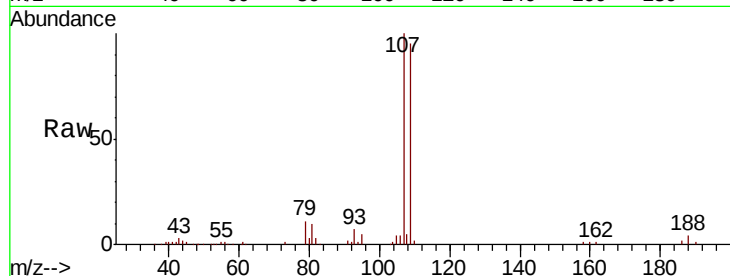
VX0812WBS01

Tgt Ion: 107 Resp: 33536

Ion Ratio Lower Upper

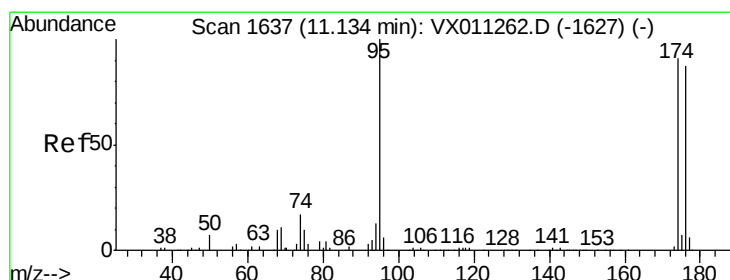
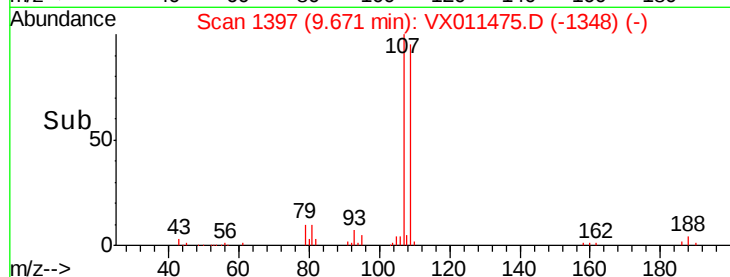
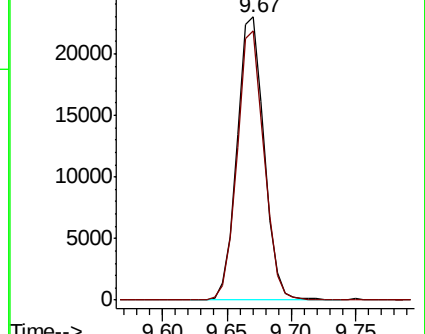
107 100

109 94.5 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.160 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

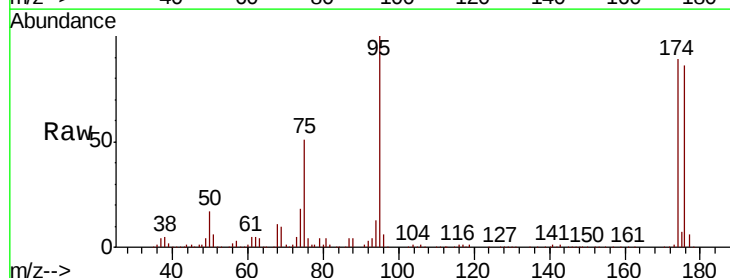
Tgt Ion: 95 Resp: 96553

Ion Ratio Lower Upper

95 100

174 88.3 0.0 191.2

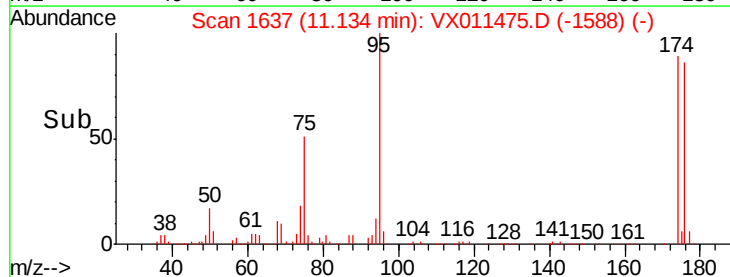
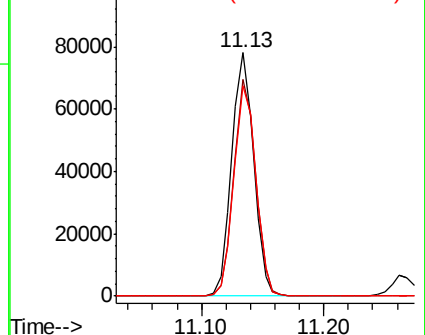
176 87.1 0.0 184.8

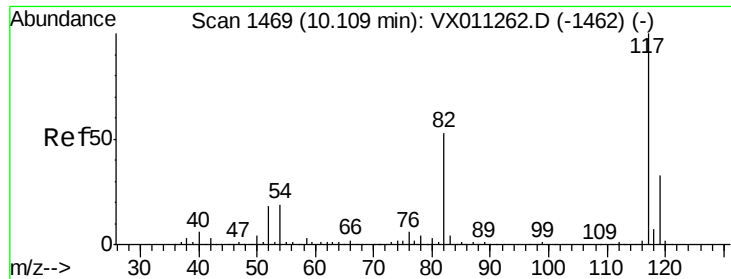


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

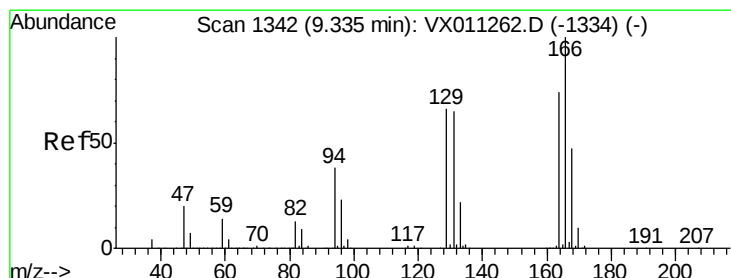
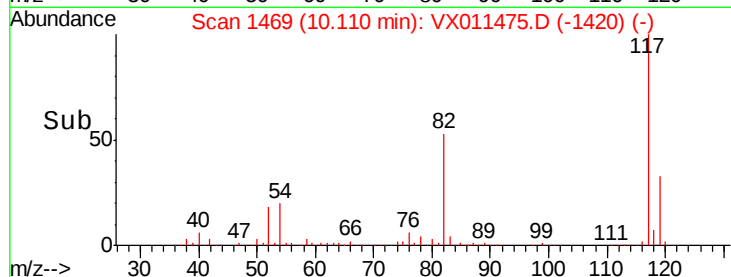
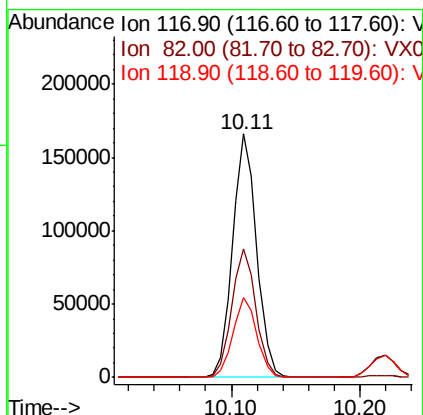
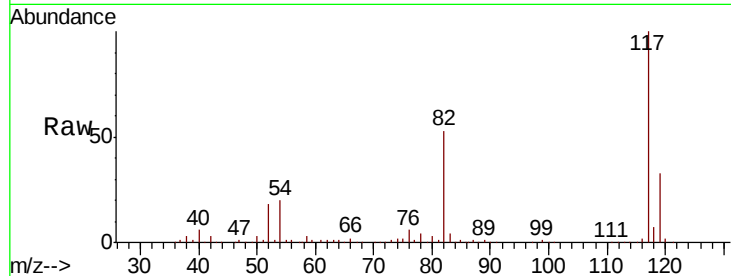




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

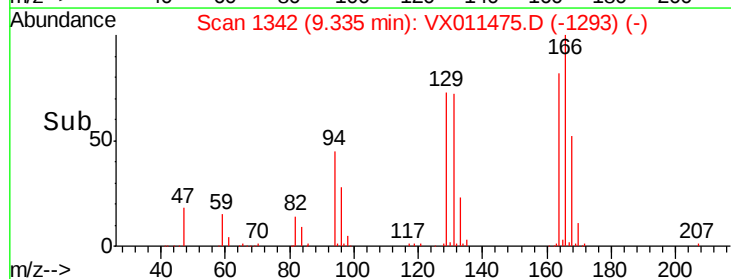
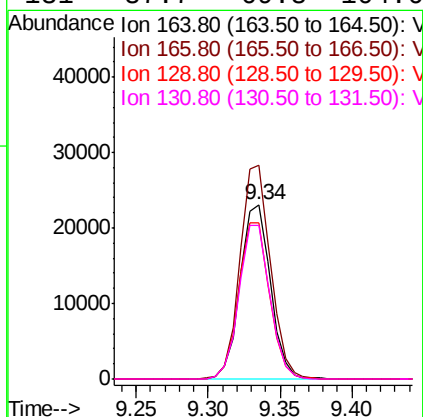
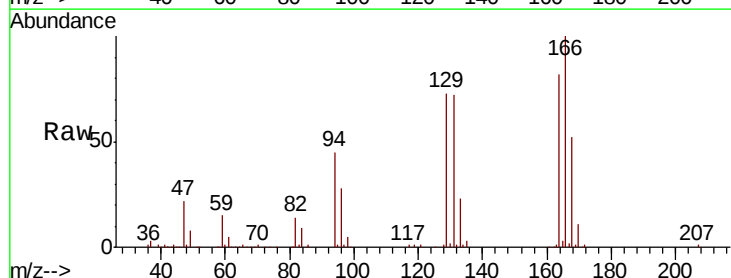
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion:117 Resp: 216570
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 33.0 26.6 39.8



#64
Tetrachloroethene
Concen: 18.331 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion:164 Resp: 33715
Ion Ratio Lower Upper
164 100
166 122.3 107.5 161.3
129 89.2 71.0 106.4
131 87.7 69.8 104.6

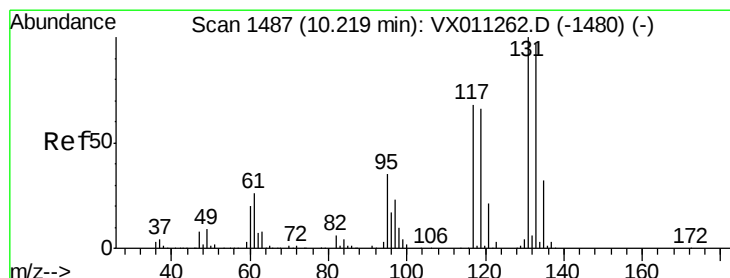
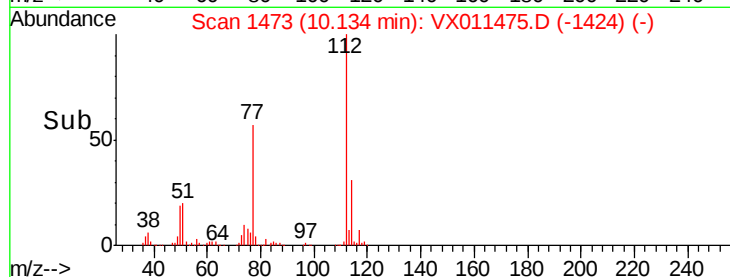
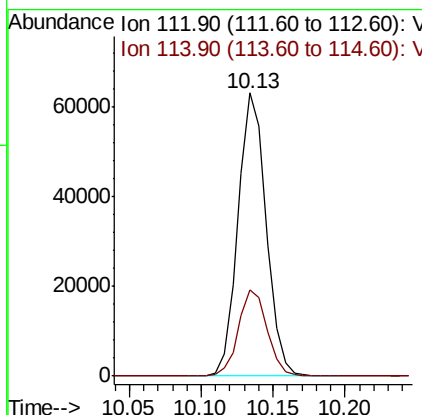
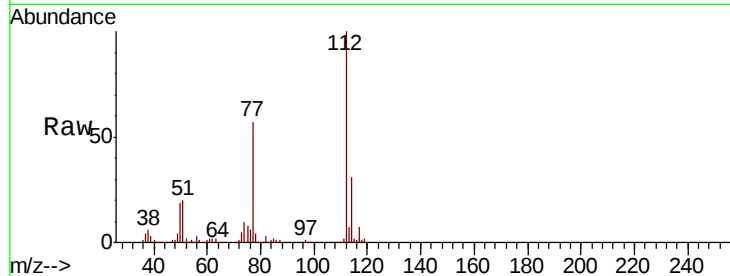




#65
Chlorobenzene
Concen: 18.494 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

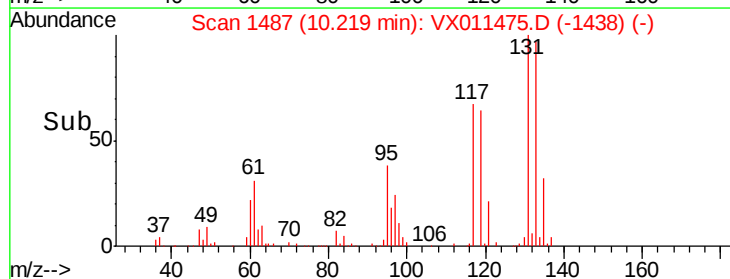
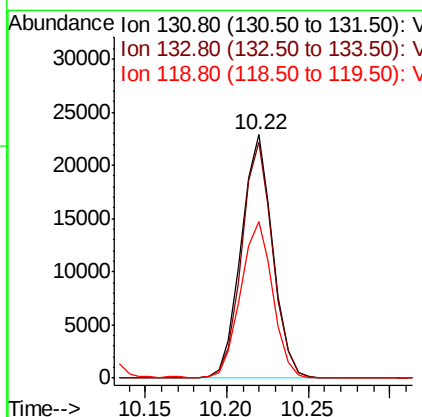
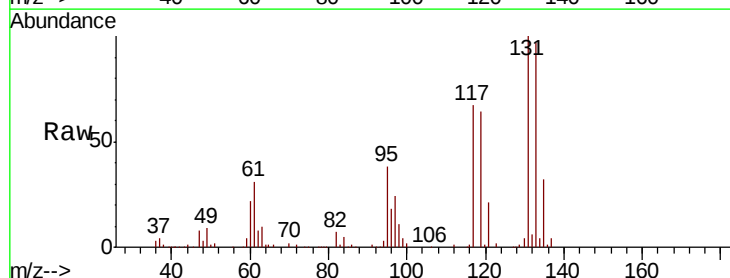
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

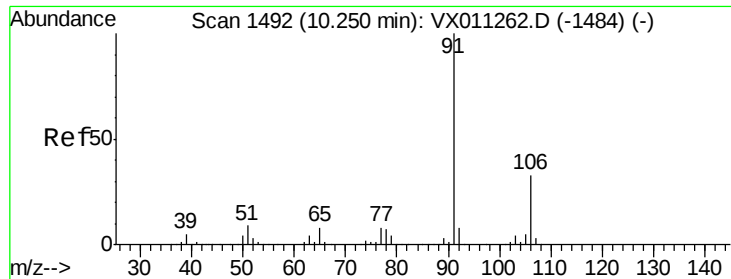
Tgt Ion:112 Resp: 85879
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.361 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion:131 Resp: 30779
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.8 32.8 98.3

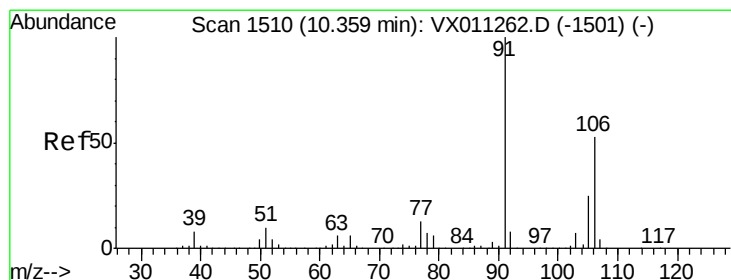
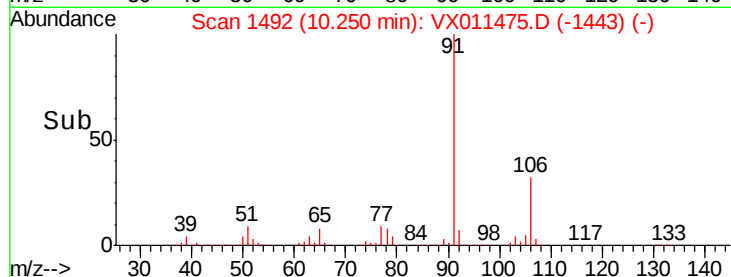
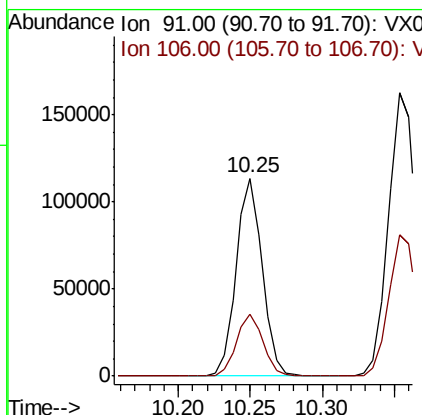
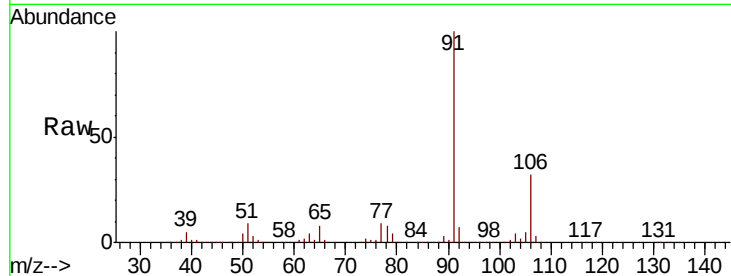




#67
Ethyl Benzene
Concen: 18.496 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

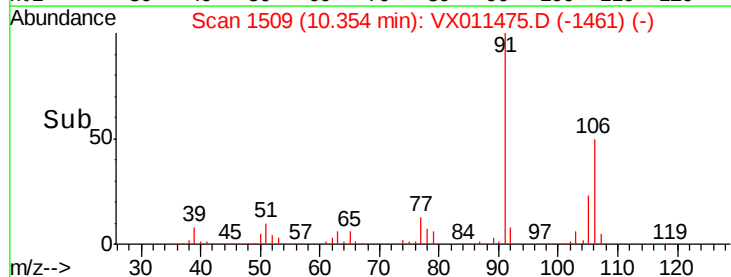
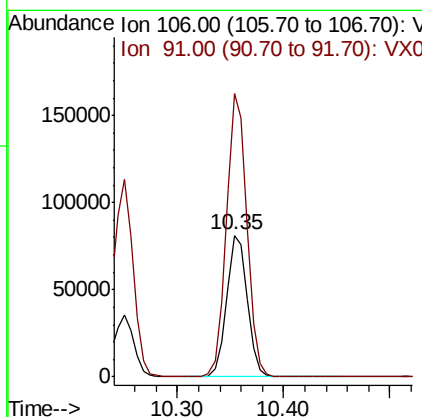
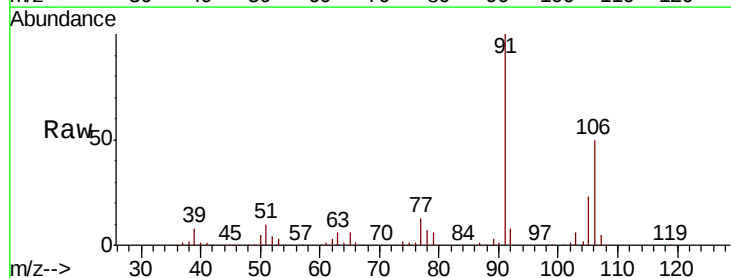
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

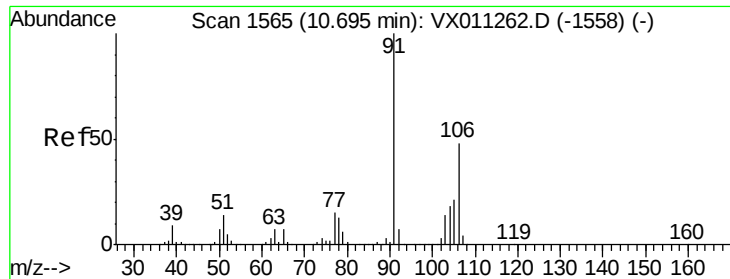
Tgt Ion: 91 Resp: 143841
Ion Ratio Lower Upper
91 100
106 31.5 26.2 39.4



#68
m/p-Xylenes
Concen: 36.921 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 106 Resp: 111059
Ion Ratio Lower Upper
106 100
91 196.9 155.9 233.9

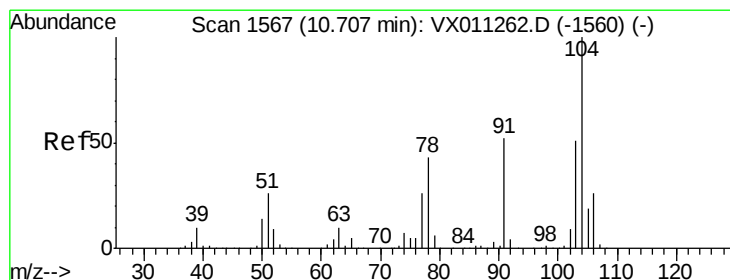
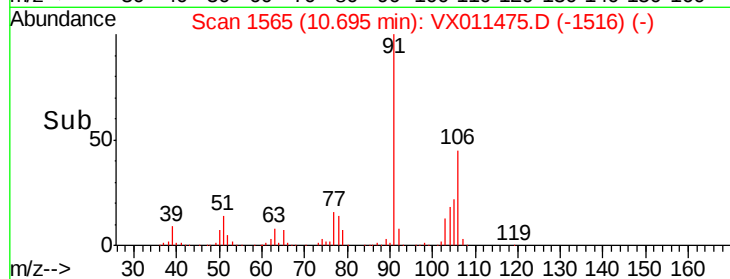
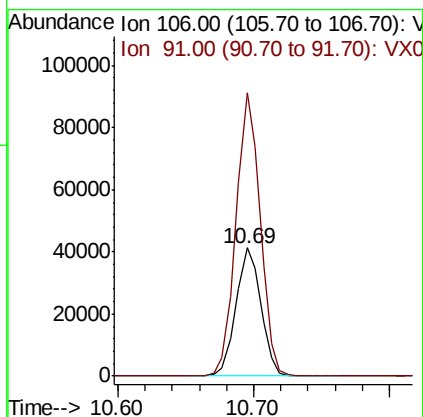
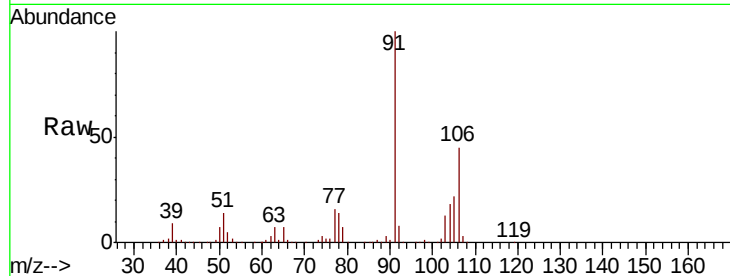




#69
o-Xylene
Concen: 17.852 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

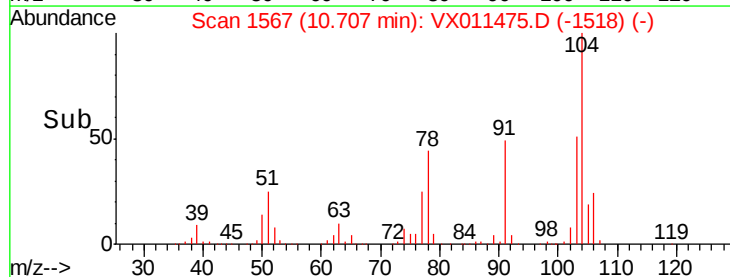
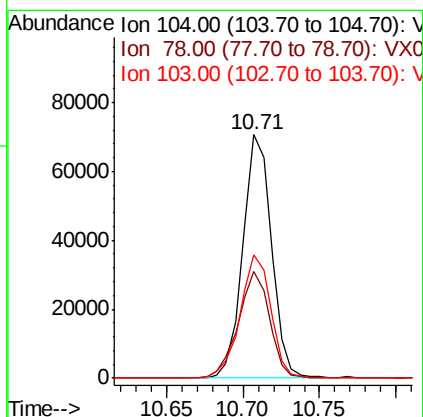
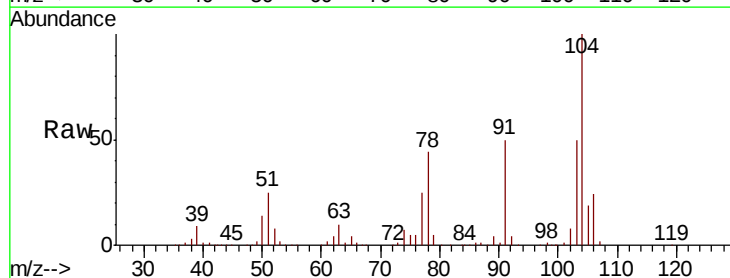
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

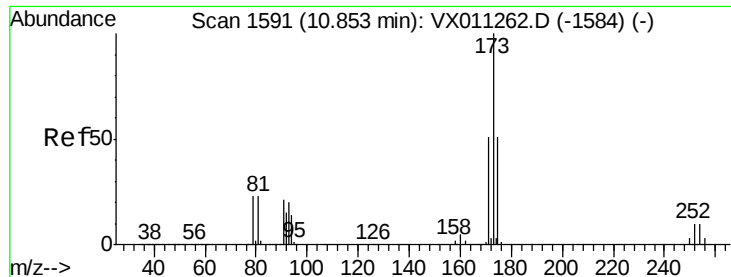
Tgt Ion:106 Resp: 52762
Ion Ratio Lower Upper
106 100
91 214.1 103.8 311.3



#70
Styrene
Concen: 18.780 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion:104 Resp: 91842
Ion Ratio Lower Upper
104 100
78 48.1 36.9 55.3
103 54.2 44.4 66.6





#71

Bromoform

Concen: 18.135 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

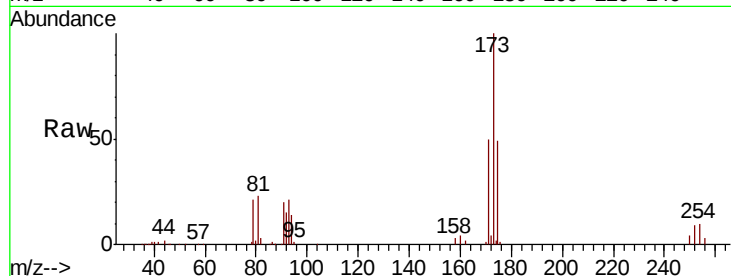
Tgt Ion:173 Resp: 23054

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

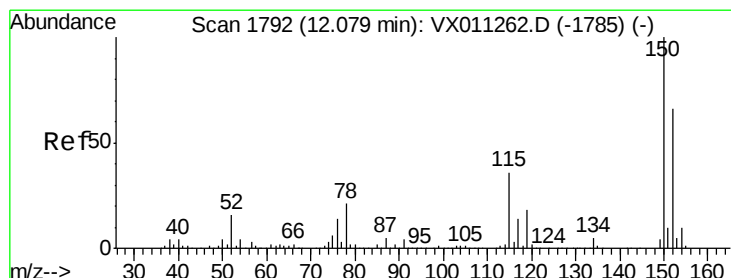
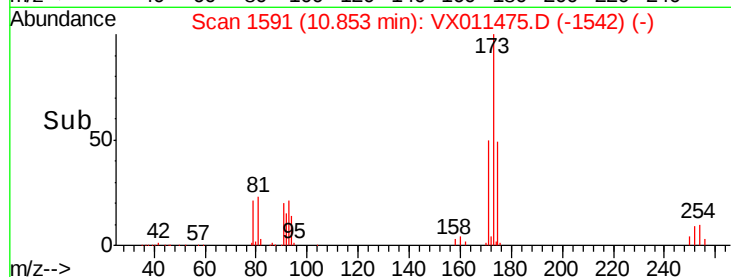
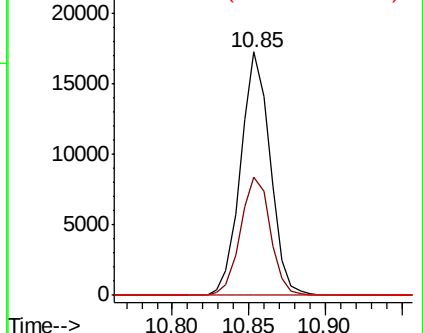
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

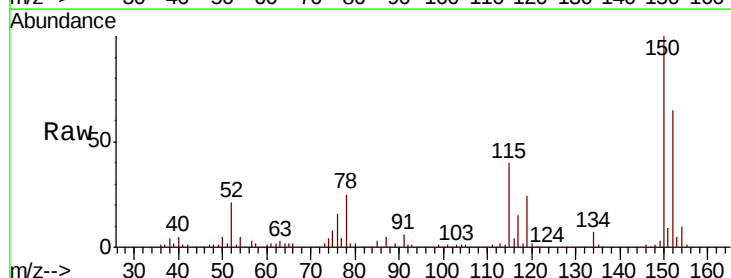
Tgt Ion:152 Resp: 112219

Ion Ratio Lower Upper

152 100

115 65.5 40.0 119.9

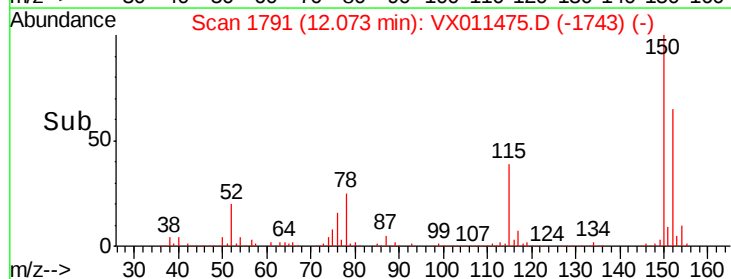
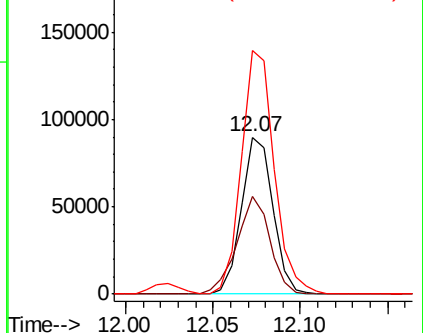
150 162.1 0.0 350.4

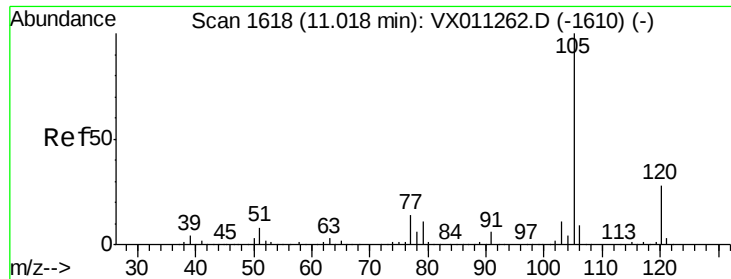


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.111 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

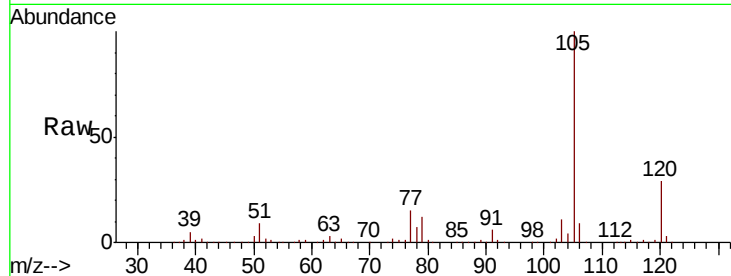
VX0812WBS01

Tgt Ion: 105 Resp: 146675

Ion Ratio Lower Upper

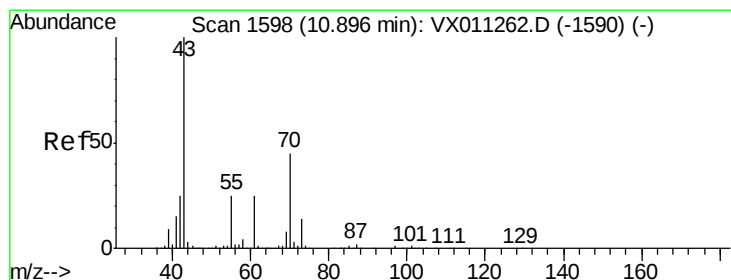
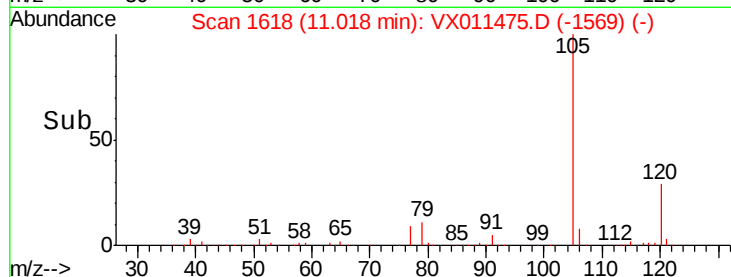
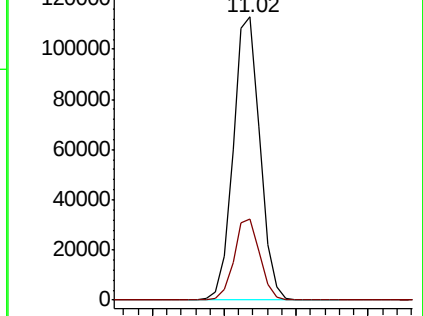
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.160 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Tgt Ion: 43 Resp: 55907

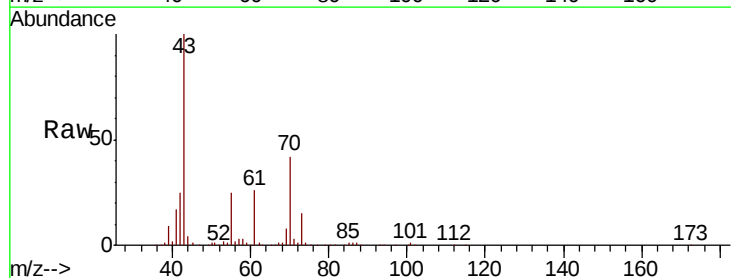
Ion Ratio Lower Upper

43 100

70 42.7 35.9 53.9

55 25.0 19.8 29.6

61 24.4 19.7 29.5

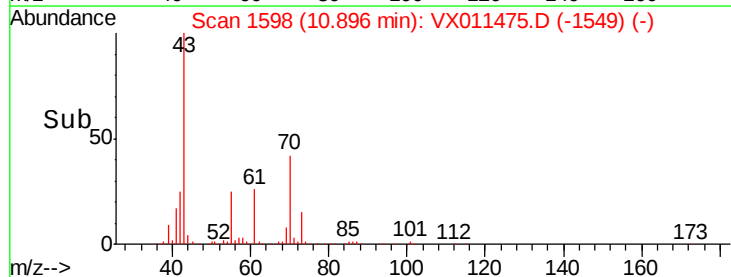
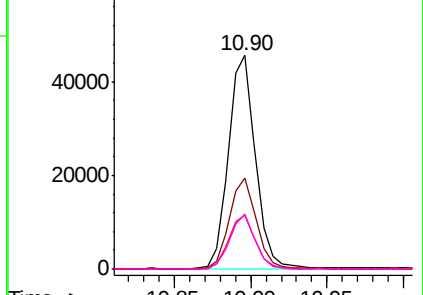


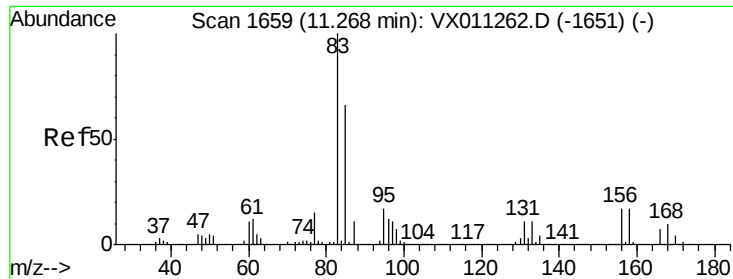
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.606 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0812WBS01

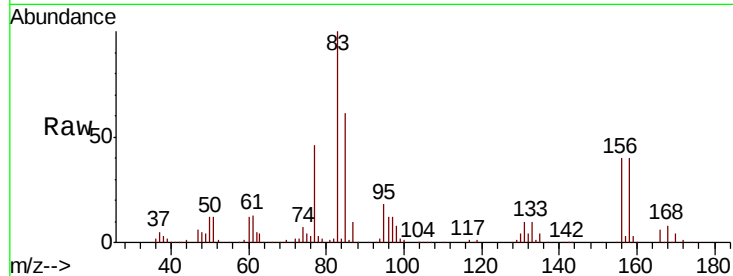
Tgt Ion: 83 Resp: 50146

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

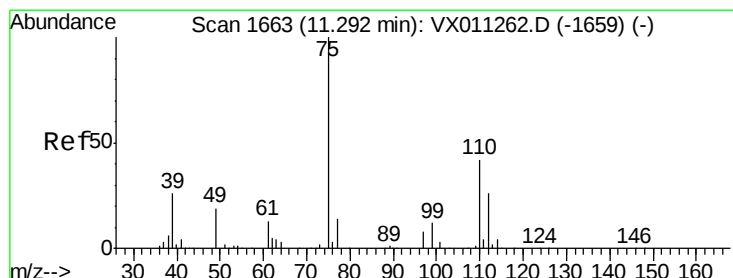
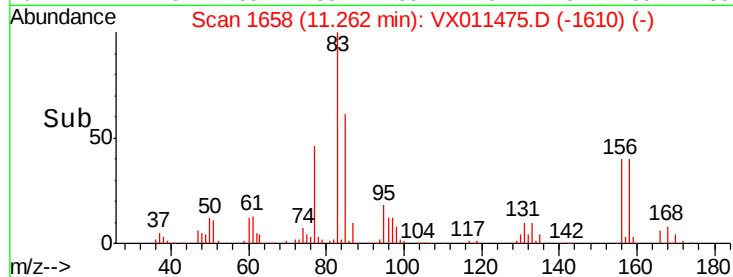
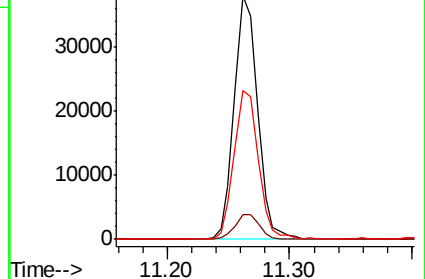
85 63.8 32.1 96.5



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: 26.021 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011475.D

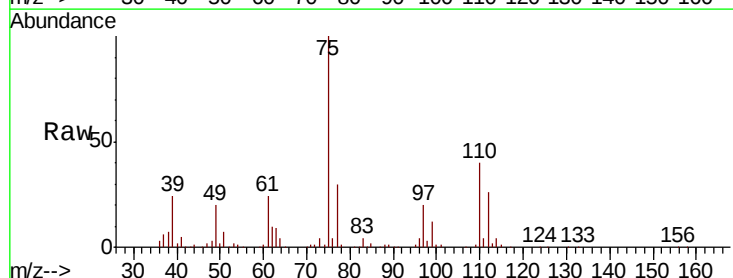
Acq: 12 Aug 2019 11:58

Tgt Ion: 75 Resp: 53178

Ion Ratio Lower Upper

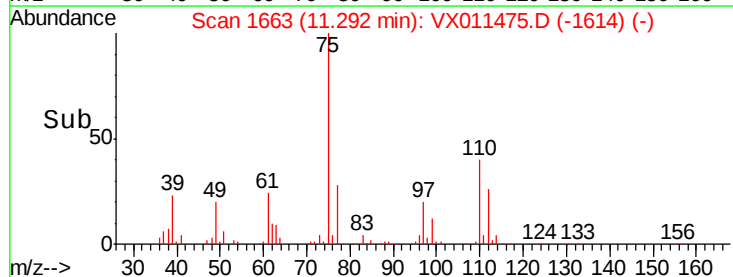
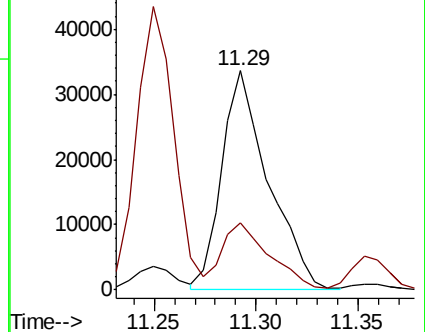
75 100

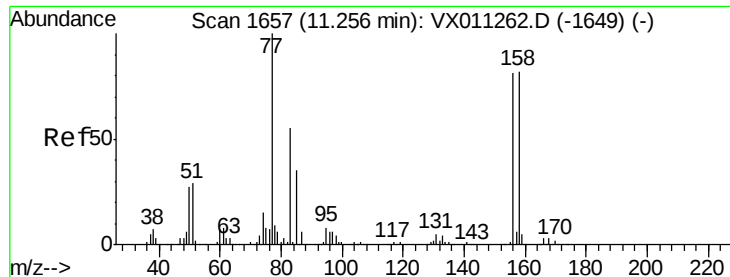
77 31.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.593 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

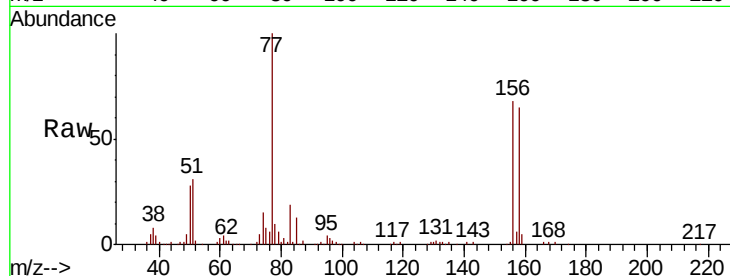
Tgt Ion:156 Resp: 39571

Ion Ratio Lower Upper

156 100

77 139.2 66.2 198.6

158 97.5 49.1 147.3

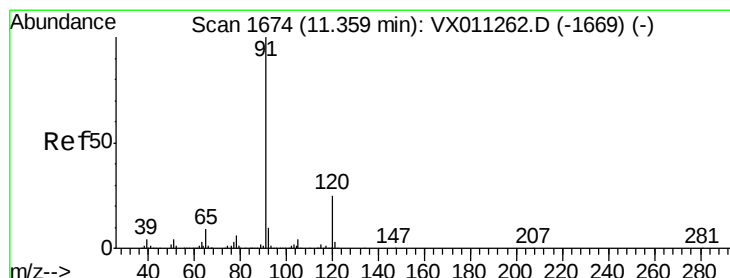
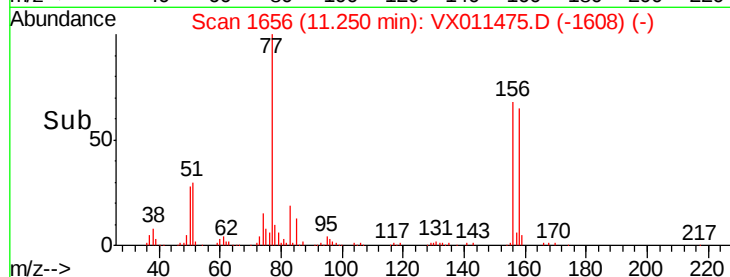
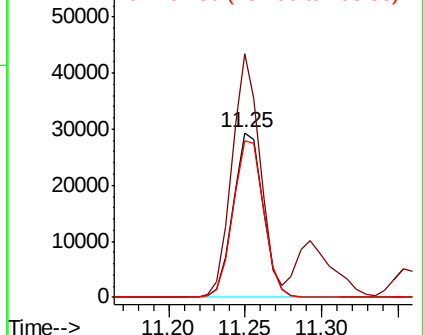


Abundance

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: 18.640 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011475.D

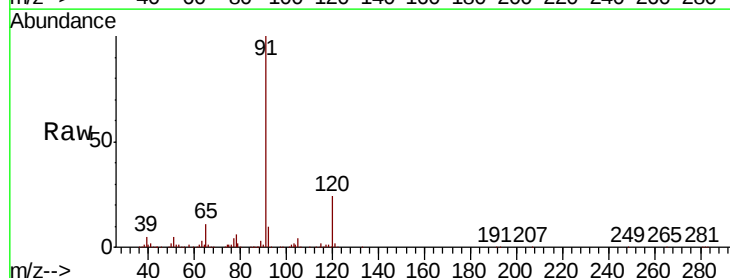
Acq: 12 Aug 2019 11:58

Tgt Ion: 91 Resp: 159097

Ion Ratio Lower Upper

91 100

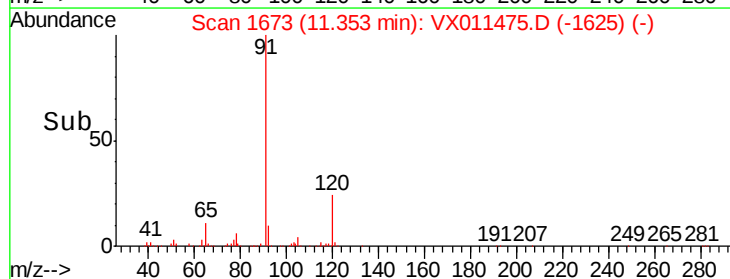
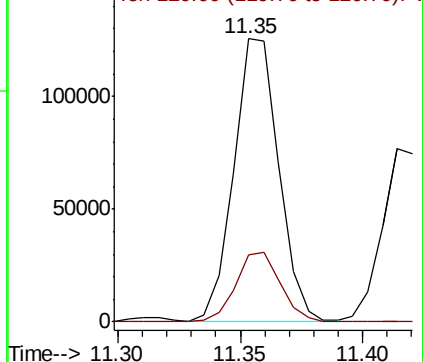
120 24.5 12.4 37.0



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.119 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

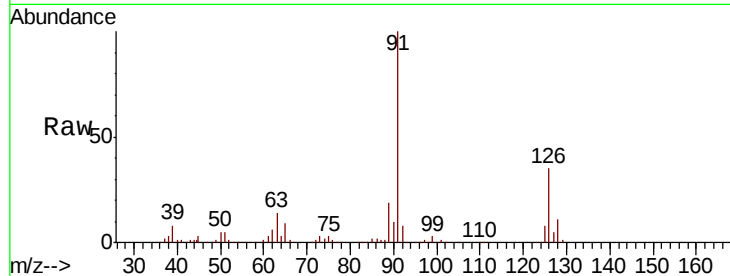
VX0812WBS01

Tgt Ion: 91 Resp: 97262

Ion Ratio Lower Upper

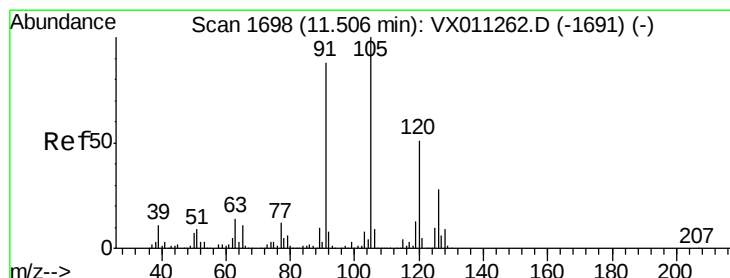
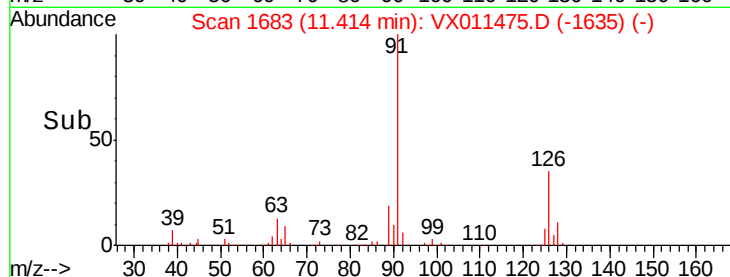
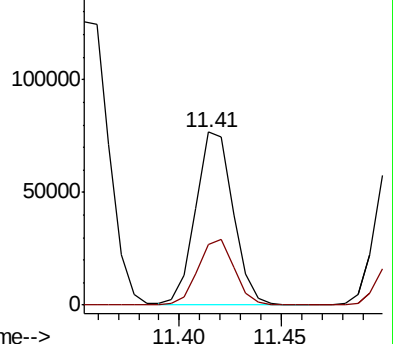
91 100

126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.944 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011475.D

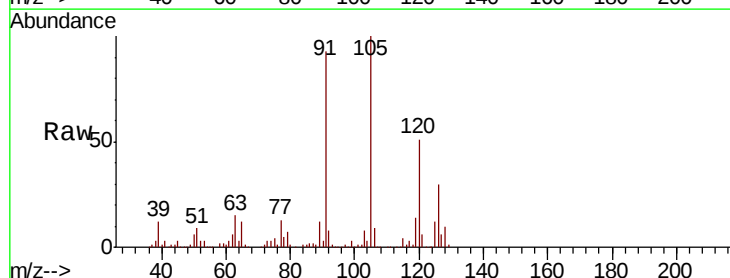
Acq: 12 Aug 2019 11:58

Tgt Ion: 105 Resp: 121710

Ion Ratio Lower Upper

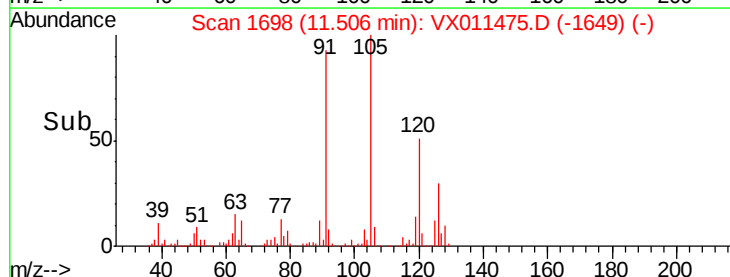
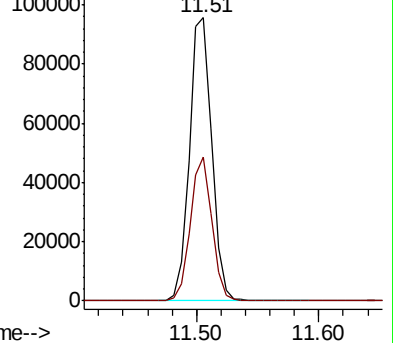
105 100

120 49.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

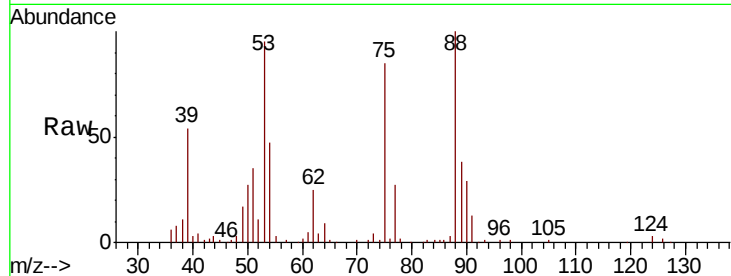




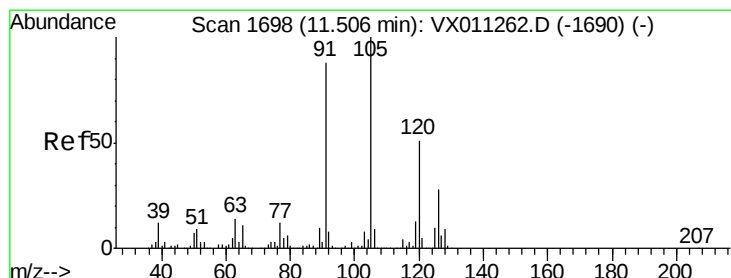
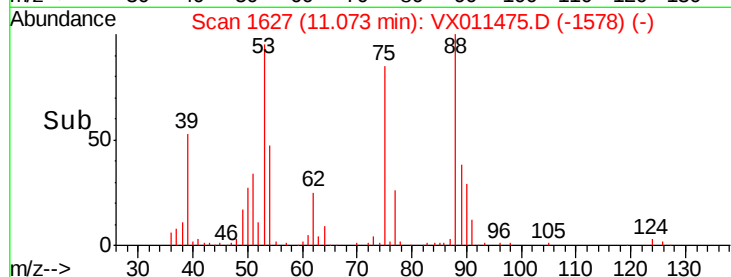
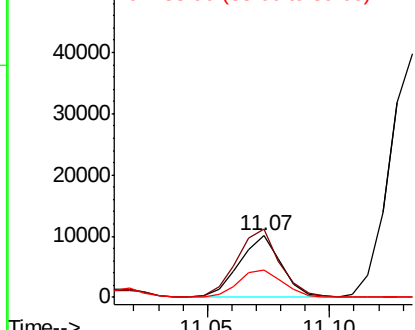
#81
trans-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 75 Resp: 11834
Ion Ratio Lower Upper
75 100
53 113.4 78.2 117.4
89 48.1 37.9 56.9

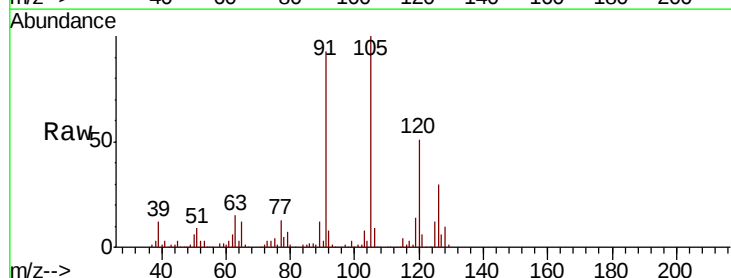


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

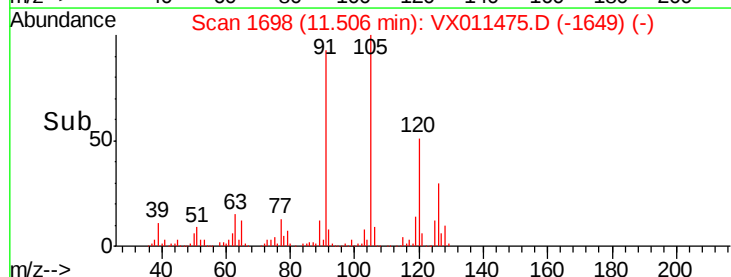
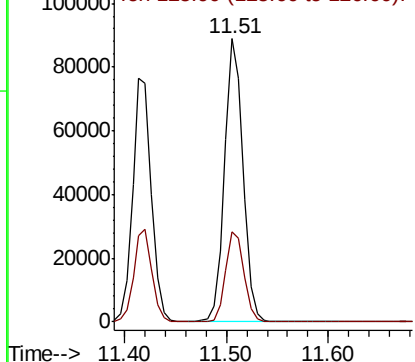


#82
4-Chlorotoluene
Concen: 18.857 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 91 Resp: 111796
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.2



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

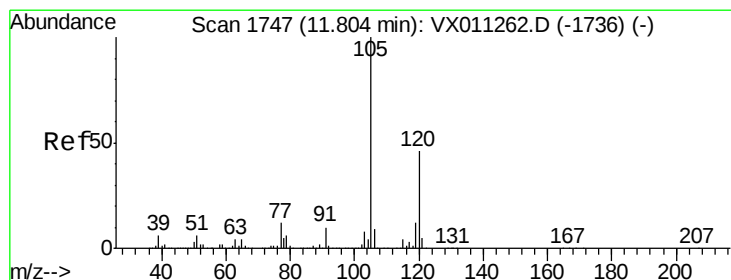
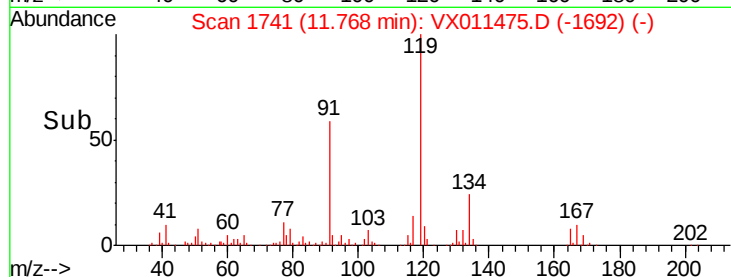
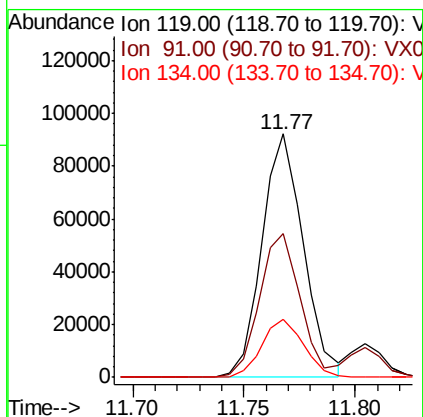
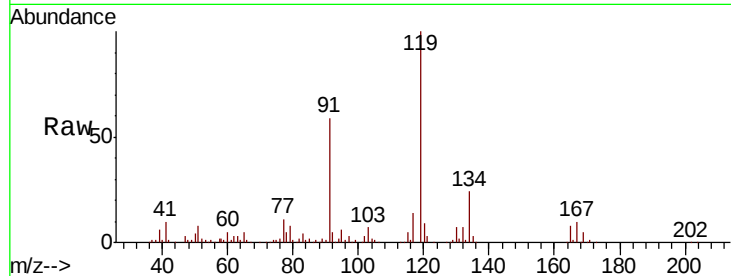




#83
 tert-Butylbenzene
 Concen: 18.928 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

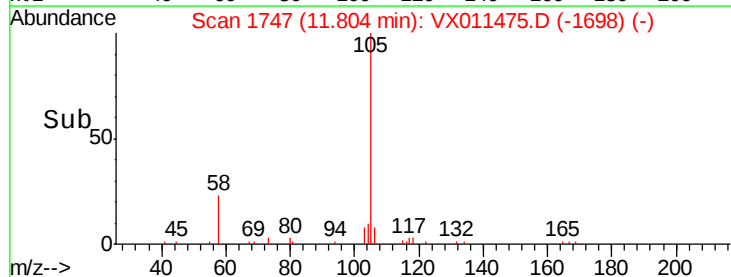
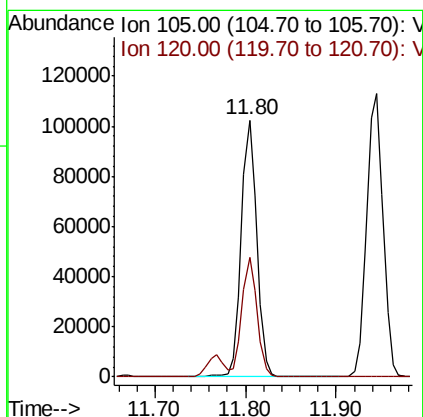
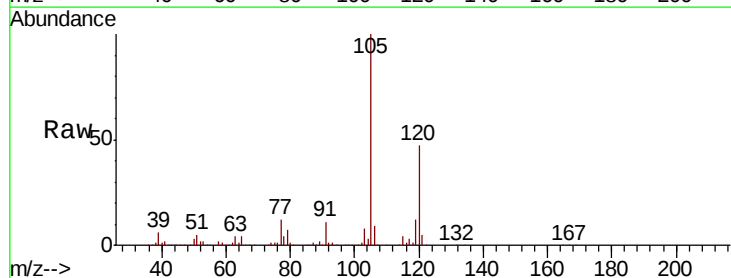
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

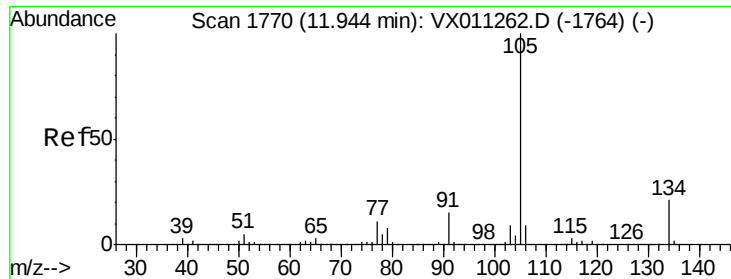
Tgt Ion:119 Resp: 119270
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.0 84.0
 134 24.0 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.229 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion:105 Resp: 123002
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.704 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

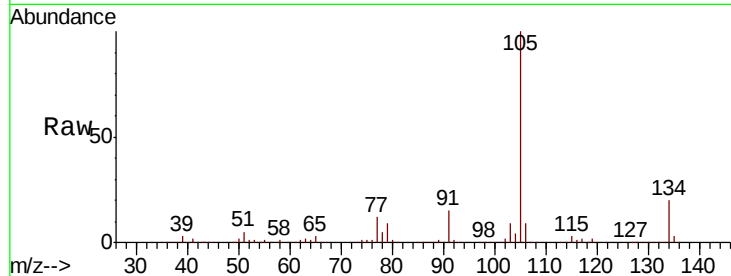
VX0812WBS01

Tgt Ion:105 Resp: 141603

Ion Ratio Lower Upper

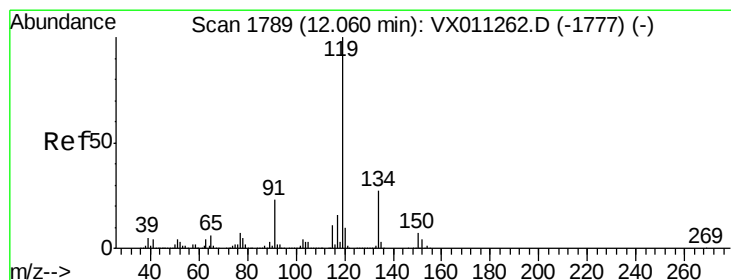
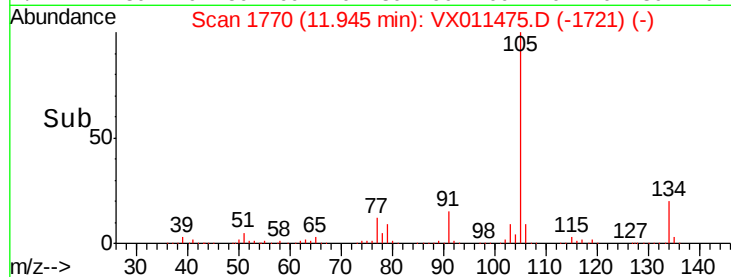
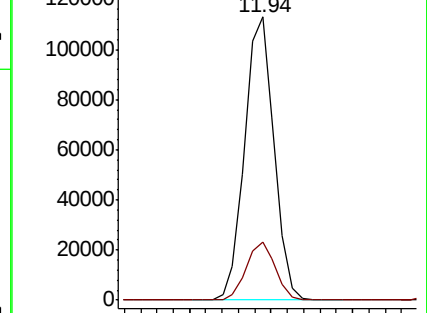
105 100

134 20.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.826 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

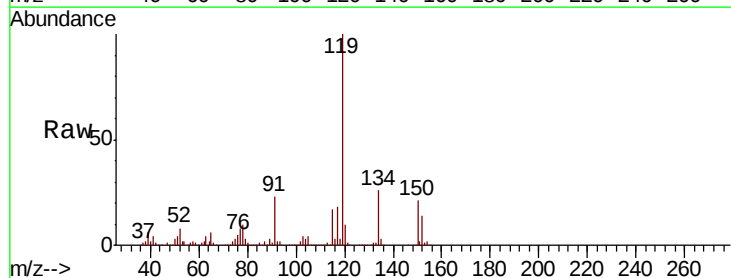
Tgt Ion:119 Resp: 131122

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

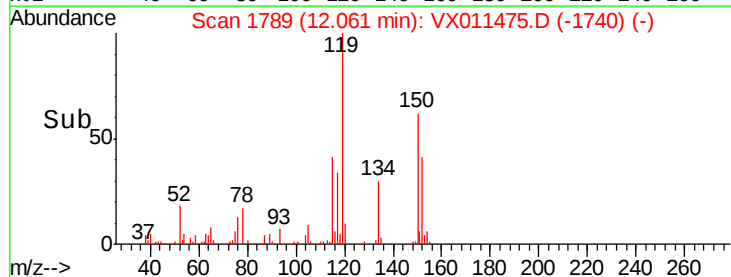
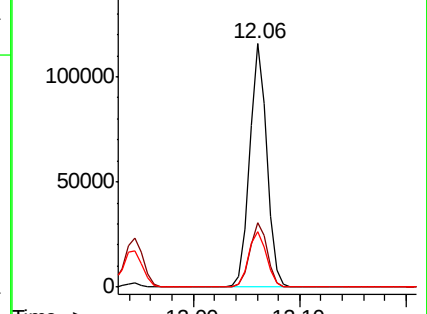
91 24.0 11.4 34.2

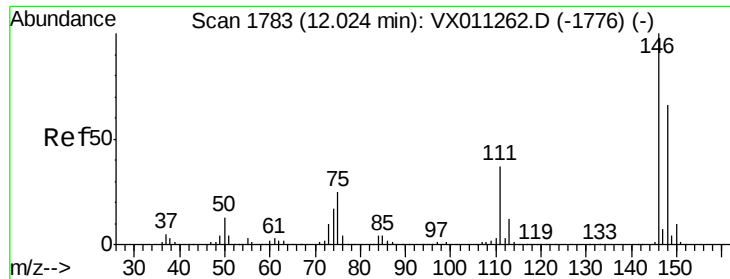


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

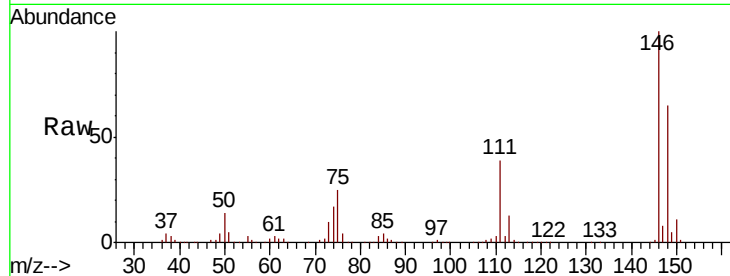




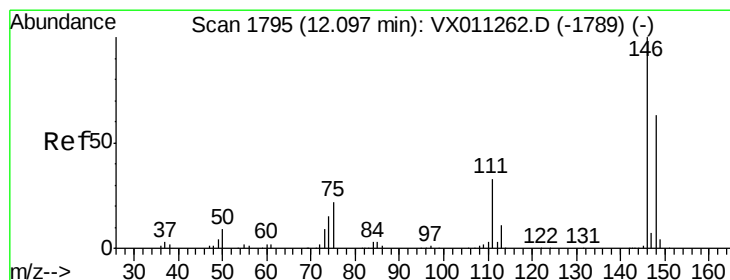
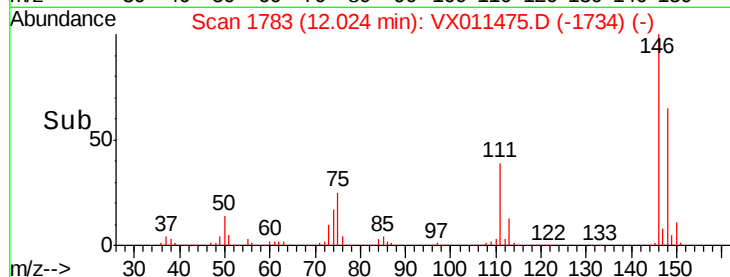
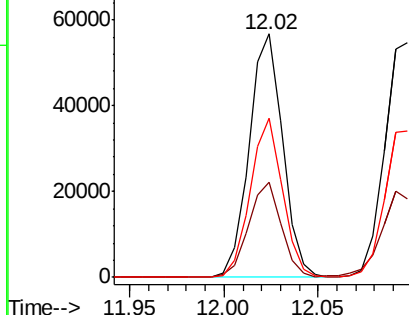
#87
 1,3-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	62.9	32.5	97.5

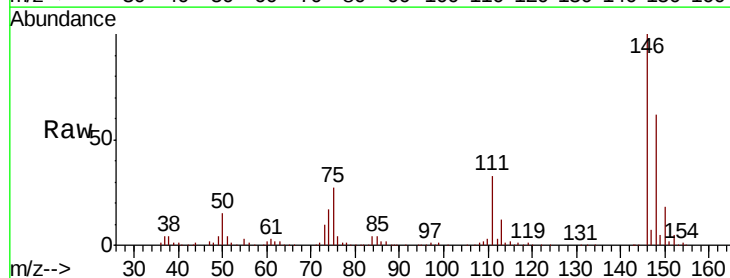


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

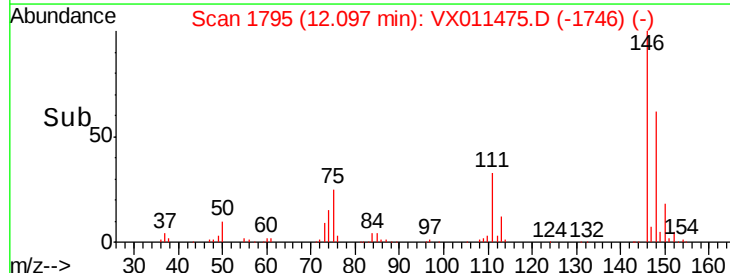
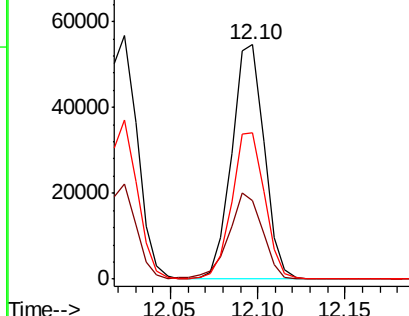


#88
 1,4-Dichlorobenzene
 Concen: 18.179 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	17.8	53.4
148	63.3	31.8	95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

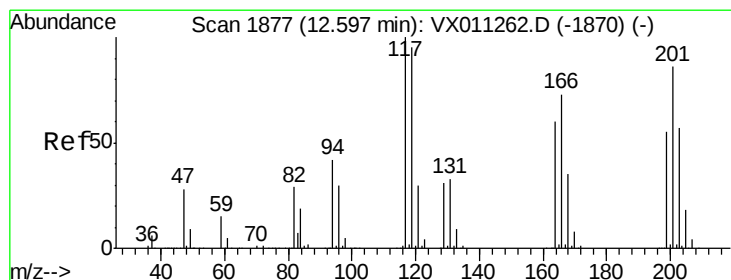
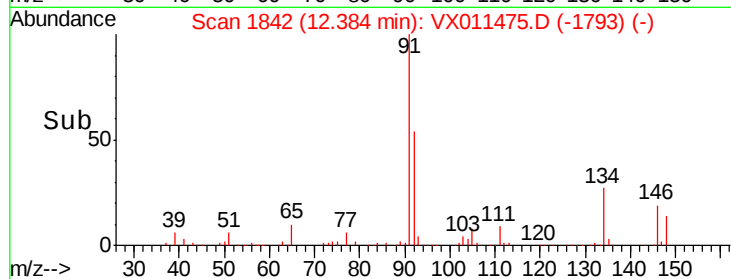
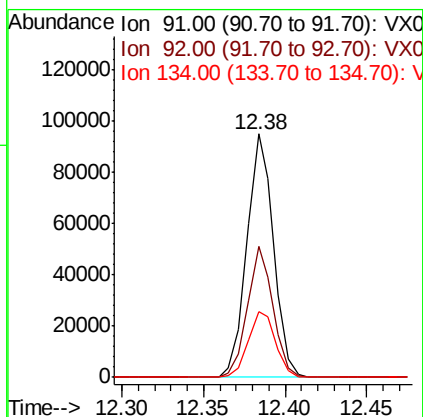
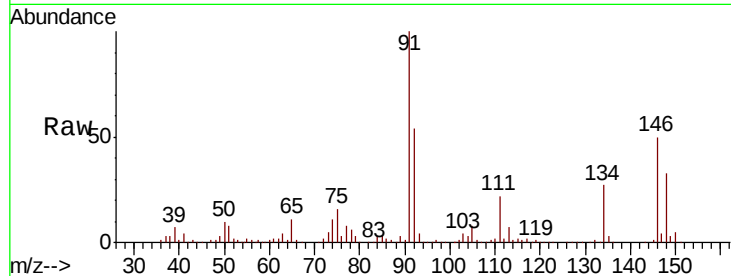




#89
n-Butylbenzene
Concen: 18.054 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

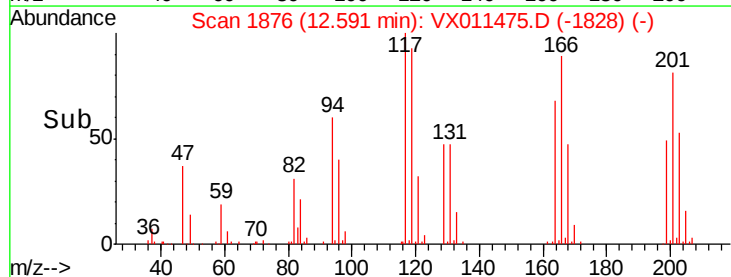
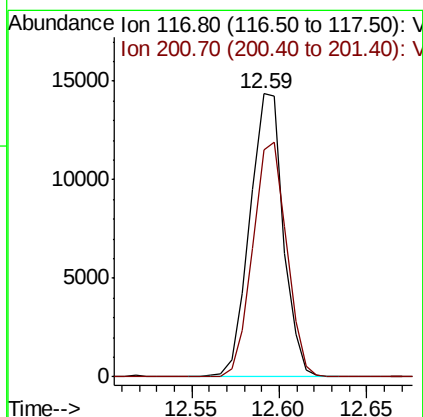
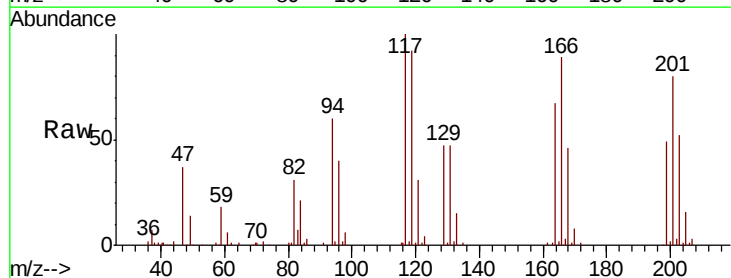
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

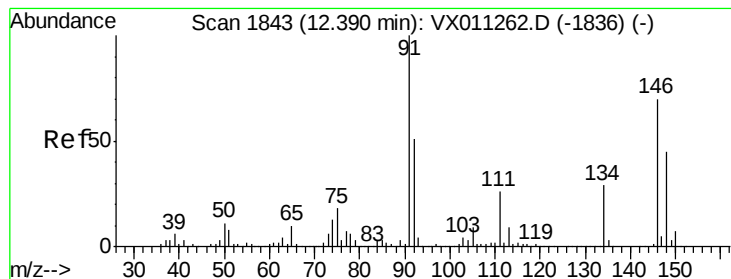
Tgt Ion: 91 Resp: 108329
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 18.589 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion: 117 Resp: 19141
Ion Ratio Lower Upper
117 100
201 83.8 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 18.665 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

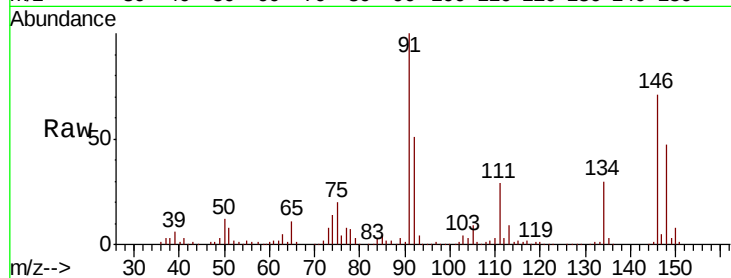
Tgt Ion: 146 Resp: 70522

Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

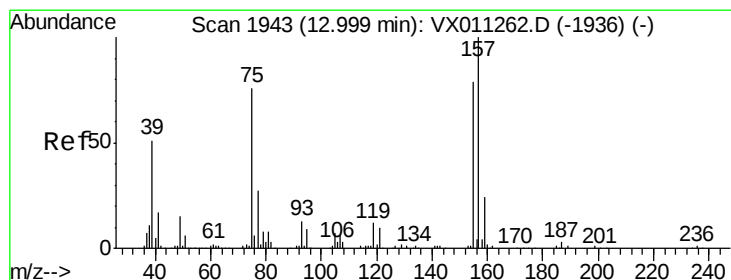
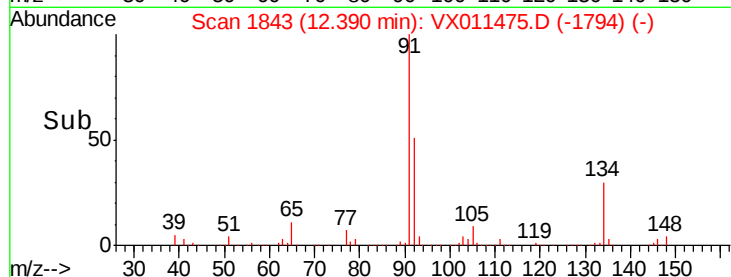
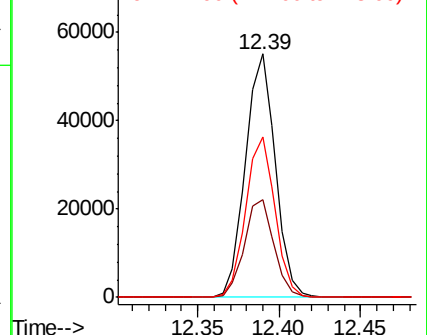
148 64.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.902 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011475.D

Acq: 12 Aug 2019 11:58

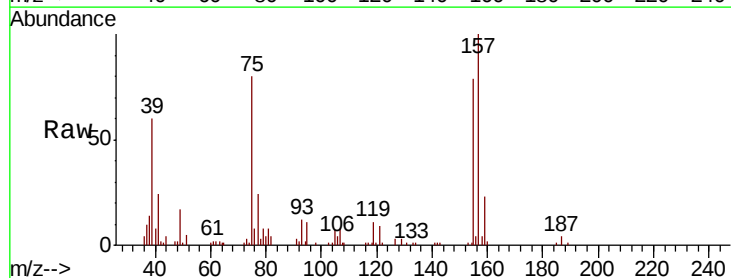
Tgt Ion: 75 Resp: 9862

Ion Ratio Lower Upper

75 100

155 92.6 51.9 155.8

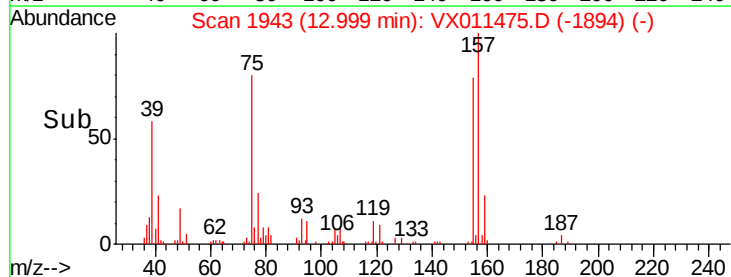
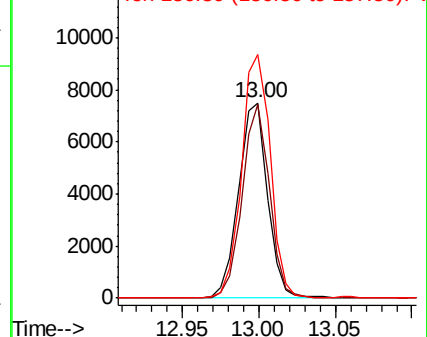
157 123.1 64.3 192.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

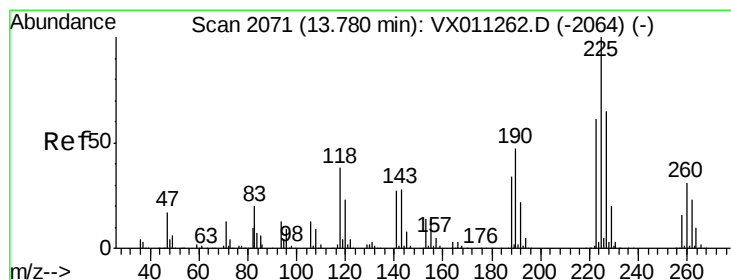
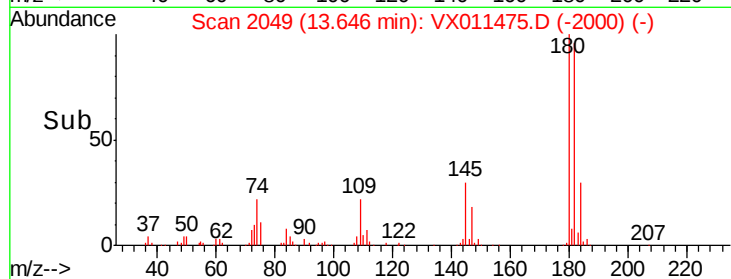
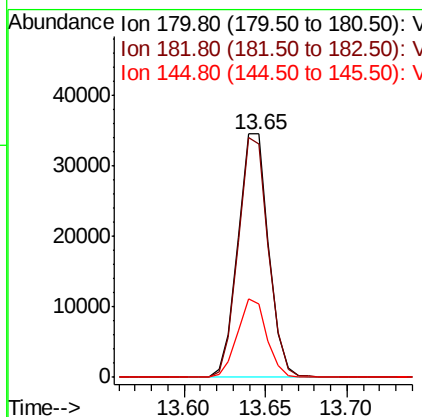
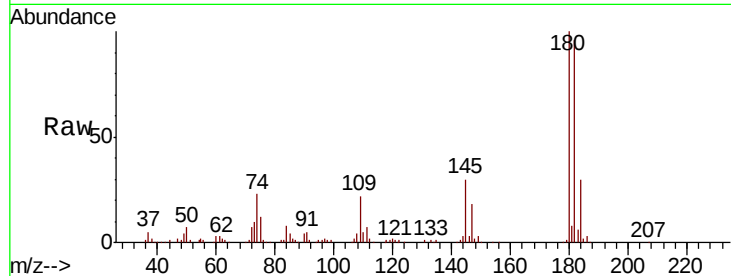




#93
 1,2,4-Trichlorobenzene
 Concen: 18.047 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

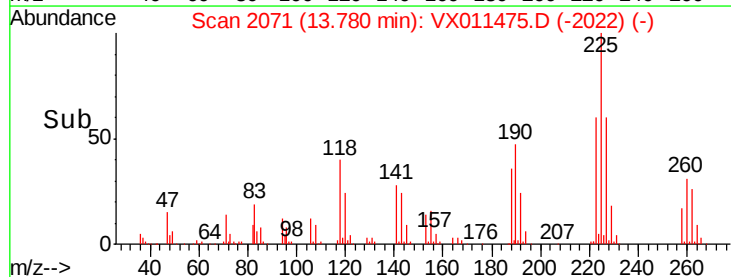
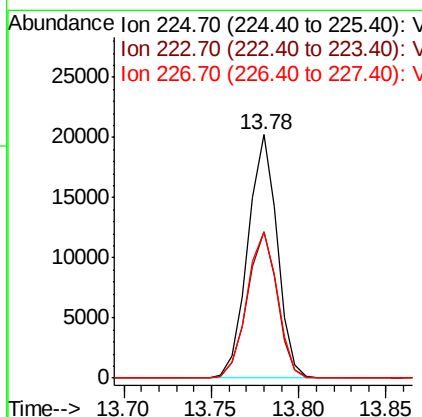
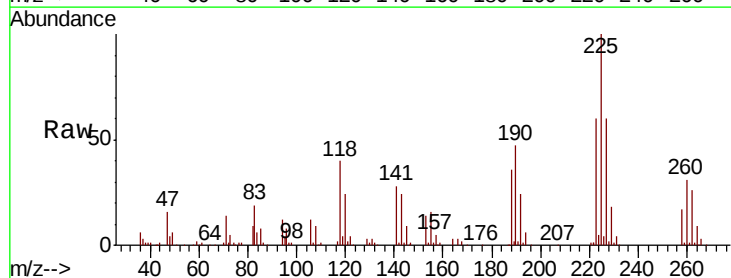
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

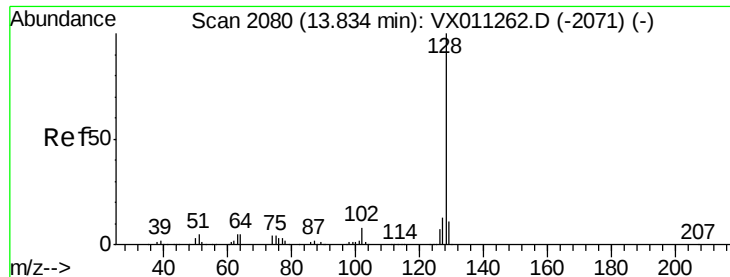
Tgt Ion:180 Resp: 45221
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.4
 145 30.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 18.672 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011475.D
 Acq: 12 Aug 2019 11:58

Tgt Ion:225 Resp: 23737
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.0 93.0
 227 62.4 32.2 96.6

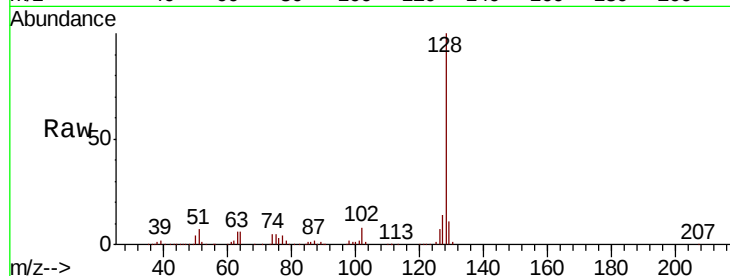




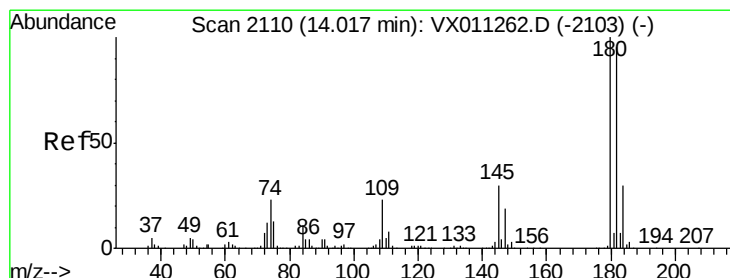
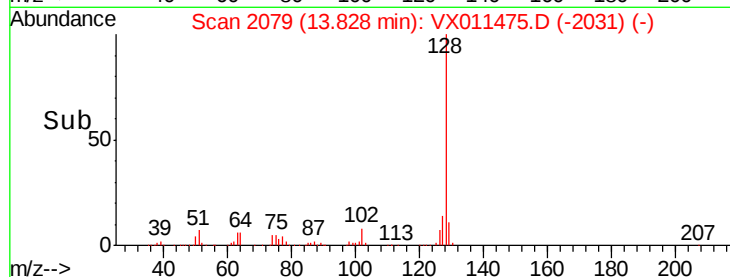
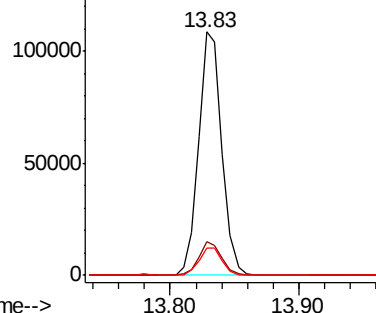
#95
Naphthalene
Concen: 18.755 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0812WBS01

Tgt Ion:128 Resp: 137434
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.3 8.9 13.3

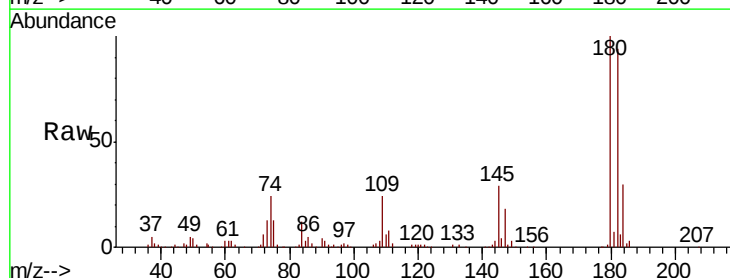


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.604 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011475.D
Acq: 12 Aug 2019 11:58

Tgt Ion:180 Resp: 47392
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 29.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

