

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
 Data File : VX011526.D
 Acq On : 13 Aug 2019 11:24
 Operator : JC/SP
 Sample : VX0813WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Quant Time: Aug 14 01:03:54 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	161768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	233661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	83881	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.49	113	71634	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.71	98	265212	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.13	95	100230	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22351	17.889	ug/l	100
3) Chloromethane	1.32	50	23485	16.739	ug/l	100
4) Vinyl Chloride	1.40	62	25480	16.510	ug/l	98
5) Bromomethane	1.63	94	18769	17.052	ug/l	100
6) Chloroethane	1.71	64	17491	16.554	ug/l	98
7) Trichlorofluoromethane	1.92	101	48134	17.541	ug/l	98
8) Diethyl Ether	2.18	74	16762	17.107	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28988	19.523	ug/l	98
10) Methyl Iodide	2.50	142	27707	14.801	ug/l	96
11) Tert butyl alcohol	3.04	59	32907	101.312	ug/l	99
12) 1,1-Dichloroethene	2.36	96	26385	17.927	ug/l	87
13) Acrolein	2.28	56	17116	84.502	ug/l	99
14) Allyl chloride	2.72	41	40100	20.437	ug/l	96
15) Acrylonitrile	3.13	53	76174	98.263	ug/l	98
16) Acetone	2.43	43	81550	105.169	ug/l	97
17) Carbon Disulfide	2.56	76	55282	16.006	ug/l	100
18) Methyl Acetate	2.76	43	37330	21.066	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	88593	20.425	ug/l	97
20) Methylene Chloride	2.85	84	31174	18.357	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	28733	18.455	ug/l	93
22) Diisopropyl ether	3.84	45	85931	19.926	ug/l	92
23) Vinyl Acetate	3.80	43	365565	102.205	ug/l	98
24) 1,1-Dichloroethane	3.68	63	50235	19.755	ug/l	96
25) 2-Butanone	4.66	43	112746	102.215	ug/l	99
26) 2,2-Dichloropropane	4.57	77	40662	20.570	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34477	19.225	ug/l	98
28) Bromochloromethane	5.00	49	22789	19.658	ug/l	93
29) Tetrahydrofuran	5.12	42	65611	97.012	ug/l	98
30) Chloroform	5.20	83	56772	20.542	ug/l	93
31) Cyclohexane	5.57	56	39007	18.593	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	48308	20.404	ug/l	99
36) 1,1-Dichloropropene	5.79	75	38061	18.657	ug/l	99
37) Ethyl Acetate	4.82	43	39840	19.469	ug/l	99
38) Carbon Tetrachloride	5.77	117	41212	20.079	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	42995	17.780	ug/l	99
40) Benzene	6.13	78	117482	19.298	ug/l	98
41) Methacrylonitrile	5.03	41	22349	19.998	ug/l	96
42) 1,2-Dichloroethane	6.18	62	43898	21.325	ug/l	98
43) Isopropyl Acetate	6.43	43	63940	19.544	ug/l	98
44) Trichloroethene	7.21	130	34833	18.903	ug/l	94
45) 1,2-Dichloropropane	7.51	63	29975	19.012	ug/l	94
46) Dibromomethane	7.66	93	22262	19.342	ug/l	96
47) Bromodichloromethane	7.89	83	39547	20.294	ug/l	99
48) Methyl methacrylate	7.76	41	31308	20.334	ug/l	98
49) 1,4-Dioxane	7.73	88	17418	390.217	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	216984	102.768	ug/l	100
52) Toluene	8.78	92	78699	19.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	40947	19.857	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	45872	20.152	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	32595	19.696	ug/l	100
56) Ethyl methacrylate	9.17	69	47671	20.214	ug/l	98
57) 1,3-Dichloropropane	9.37	76	51733	19.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	110858	95.602	ug/l	98
59) 2-Hexanone	9.49	43	170651	104.347	ug/l	98
60) Dibromochloromethane	9.58	129	33853	19.980	ug/l	96
61) 1,2-Dibromoethane	9.67	107	35546	19.881	ug/l	97
64) Tetrachloroethene	9.33	164	35442	19.050	ug/l	96
65) Chlorobenzene	10.13	112	89130	18.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	31546	19.617	ug/l	99
67) Ethyl Benzene	10.25	91	151730	19.288	ug/l	97
68) m/p-Xylenes	10.35	106	116993	38.449	ug/l	96
69) o-Xylene	10.69	106	56333	18.843	ug/l	98
70) Styrene	10.71	104	96627	19.533	ug/l	98
71) Bromoform	10.85	173	23326	18.139	ug/l #	99
73) Isopropylbenzene	11.01	105	155947	19.539	ug/l	99
74) N-amyl acetate	10.89	43	56896	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51698	19.437	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52687	24.791	ug/l	85
77) Bromobenzene	11.25	156	41322	18.671	ug/l	95
78) n-propylbenzene	11.35	91	172911	19.481	ug/l	99
79) 2-Chlorotoluene	11.41	91	104091	19.676	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	132219	19.790	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12825	19.183	ug/l	89
82) 4-Chlorotoluene	11.51	91	121155	19.651	ug/l	98
83) tert-Butylbenzene	11.77	119	128749	19.648	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	132942	19.985	ug/l	97
85) sec-Butylbenzene	11.94	105	152447	19.364	ug/l	99
86) p-Isopropyltoluene	12.06	119	142091	19.618	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74574	19.070	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74830	18.557	ug/l	97
89) n-Butylbenzene	12.38	91	118593	19.006	ug/l	99
90) Hexachloroethane	12.59	117	19961	18.641	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76419	19.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10283	19.955	ug/l	93

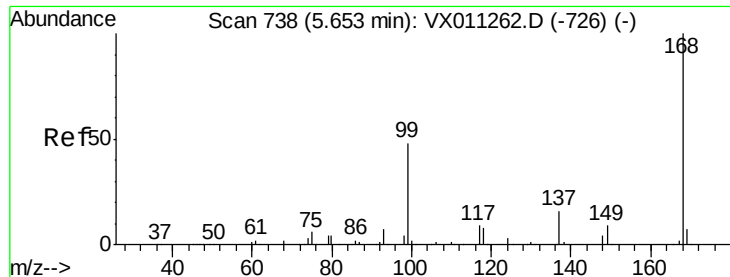
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49261	18.905	ug/l	98
94) Hexachlorobutadiene	13.78	225	25761	19.486	ug/l	99
95) Naphthalene	13.83	128	141791	18.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49229	18.583	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

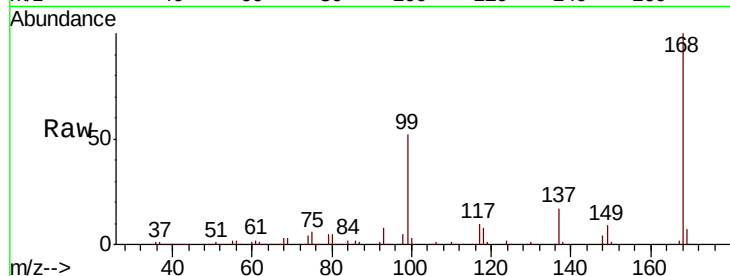
VX0813WBS01

Tgt Ion:168 Resp: 161768

Ion Ratio Lower Upper

168 100

99 51.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

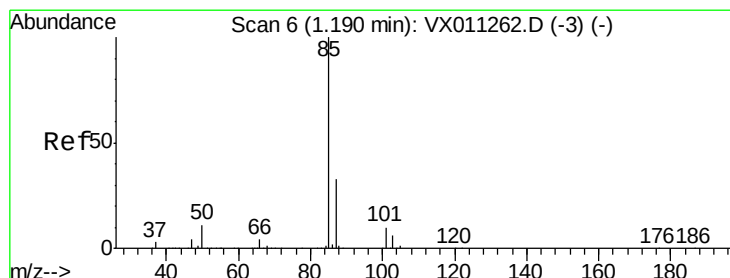
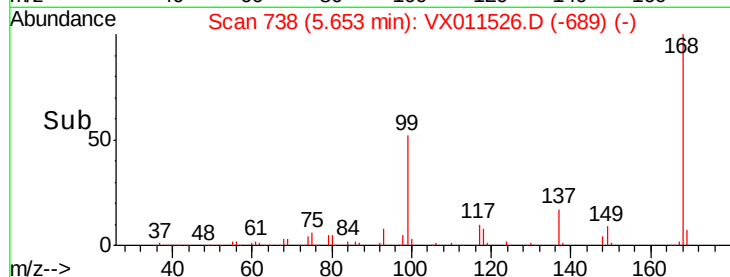
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.889 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011526.D

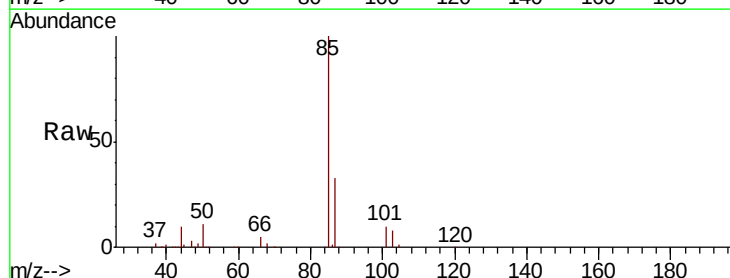
Acq: 13 Aug 2019 11:24

Tgt Ion: 85 Resp: 22351

Ion Ratio Lower Upper

85 100

87 32.9 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

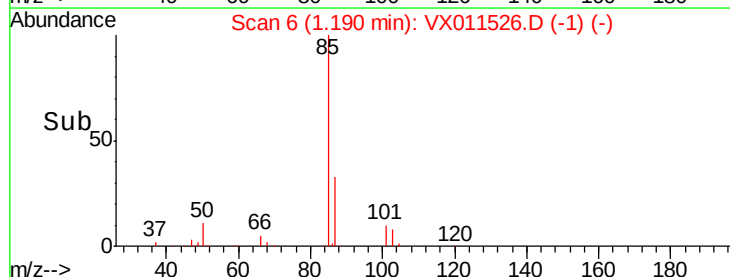
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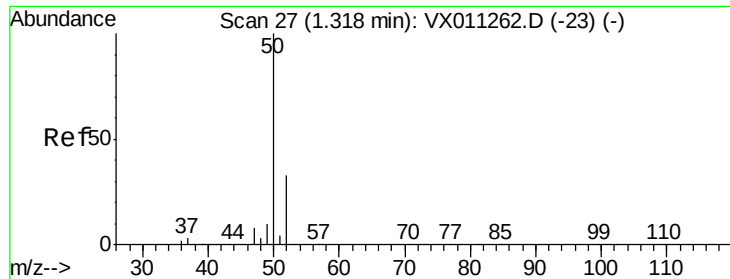
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.739 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

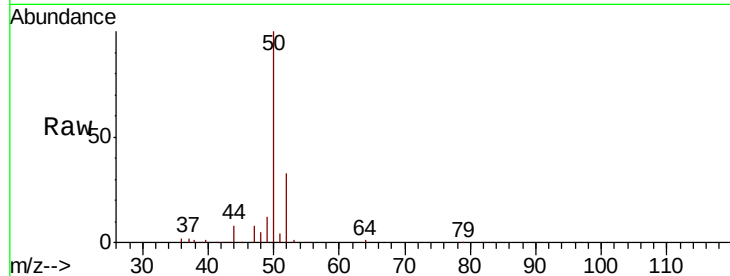
VX0813WBS01

Tgt Ion: 50 Resp: 23485

Ion Ratio Lower Upper

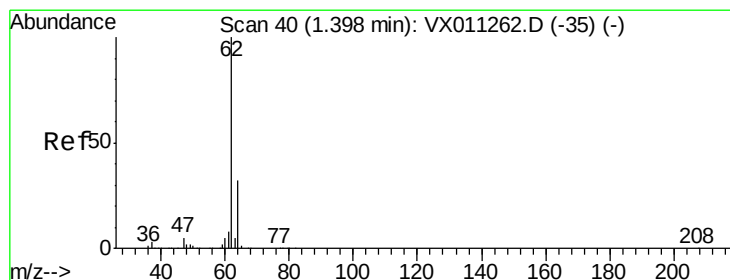
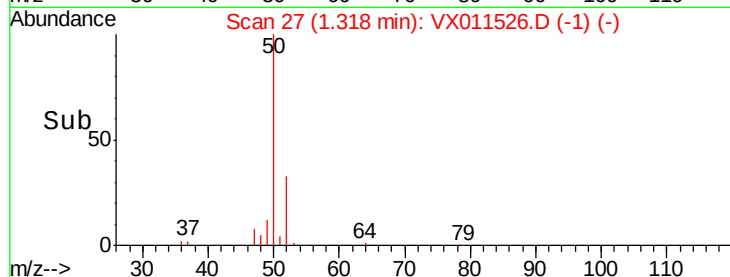
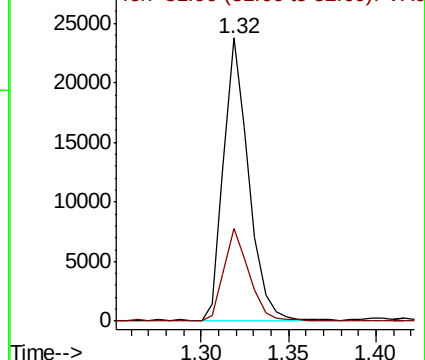
50 100

52 32.8 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: 16.510 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011526.D

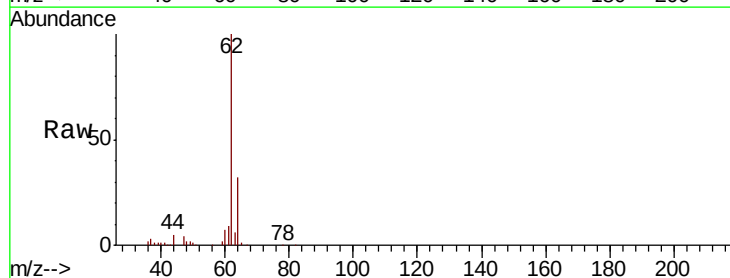
Acq: 13 Aug 2019 11:24

Tgt Ion: 62 Resp: 25480

Ion Ratio Lower Upper

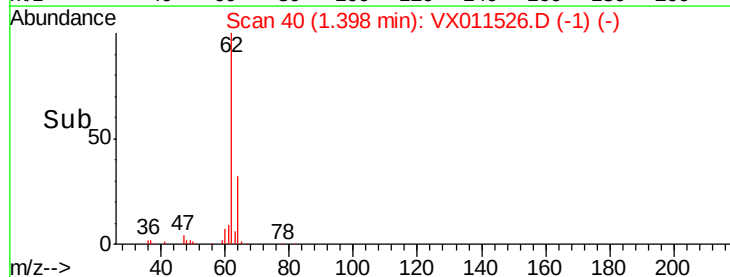
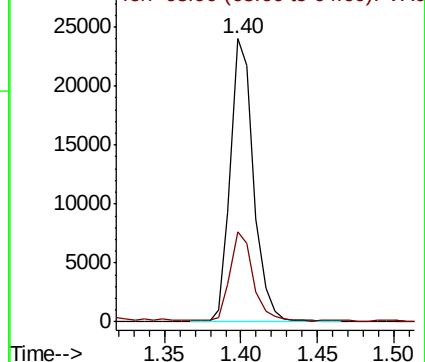
62 100

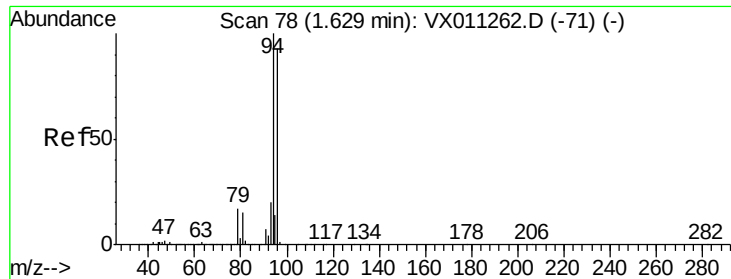
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.052 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

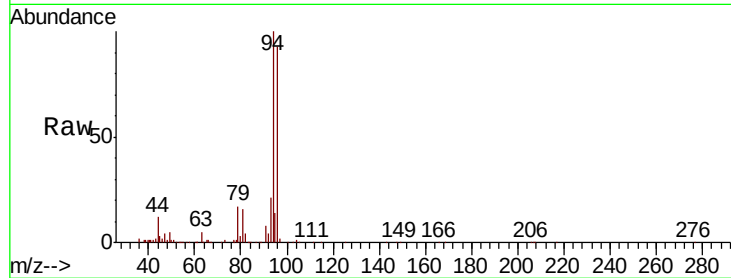
VX0813WBS01

Tgt Ion: 94 Resp: 18769

Ion Ratio Lower Upper

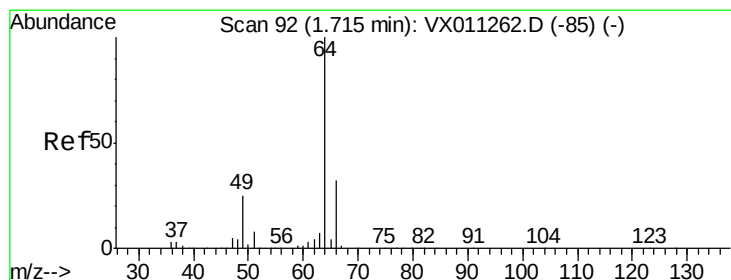
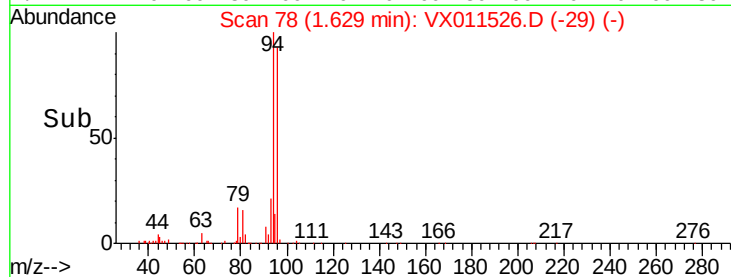
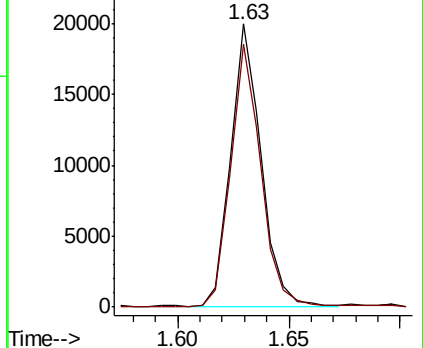
94 100

96 93.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.554 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011526.D

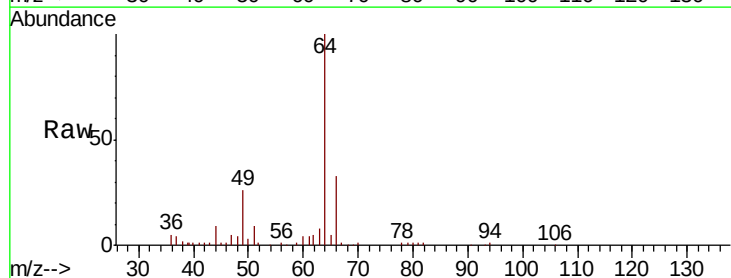
Acq: 13 Aug 2019 11:24

Tgt Ion: 64 Resp: 17491

Ion Ratio Lower Upper

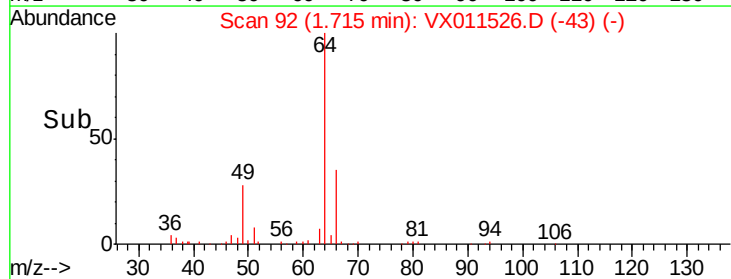
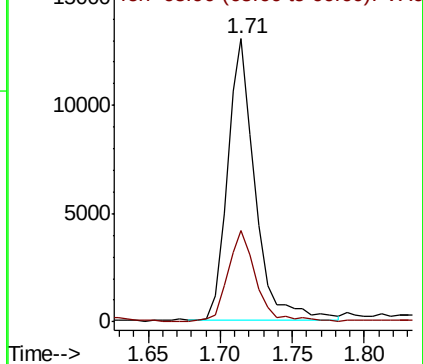
64 100

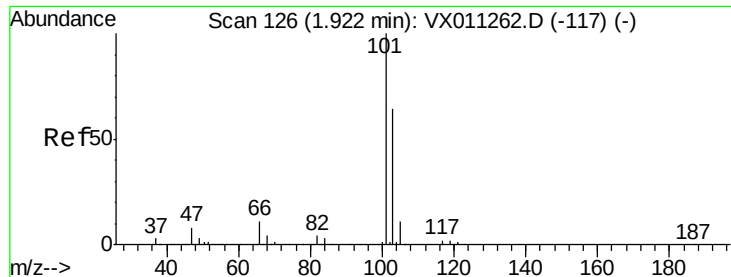
66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



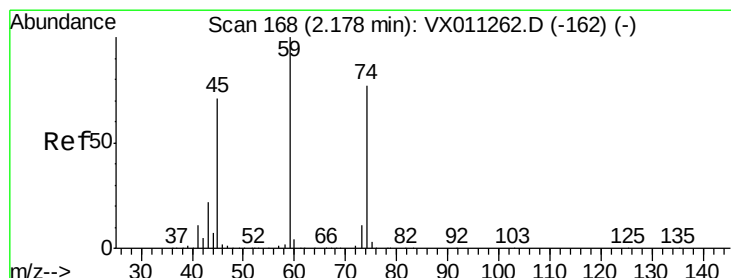
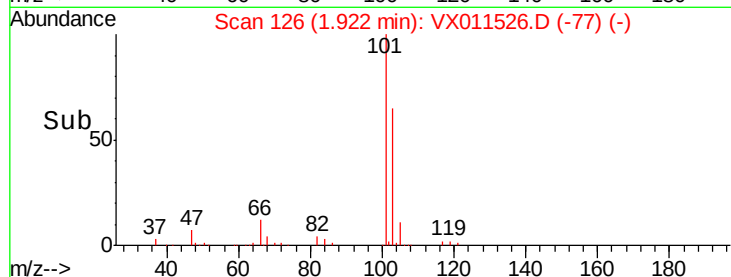
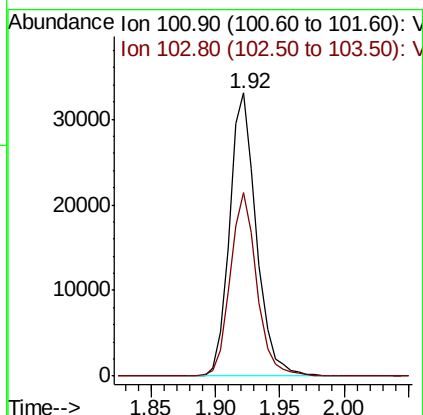
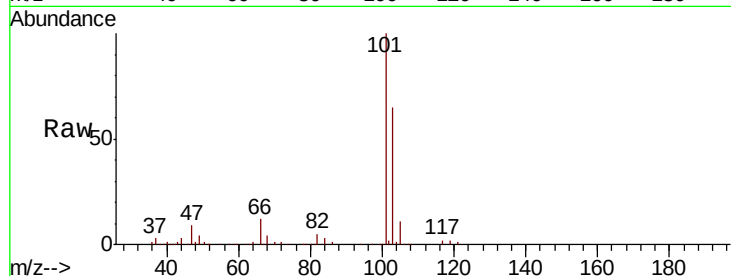


#7

Trichlorofluoromethane
 Concen: 17.541 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
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 ClientSampleId :
 VX0813WBS01

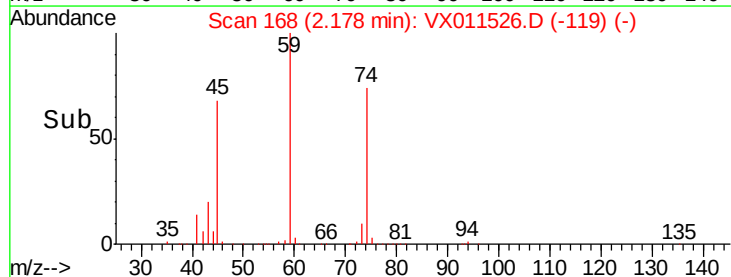
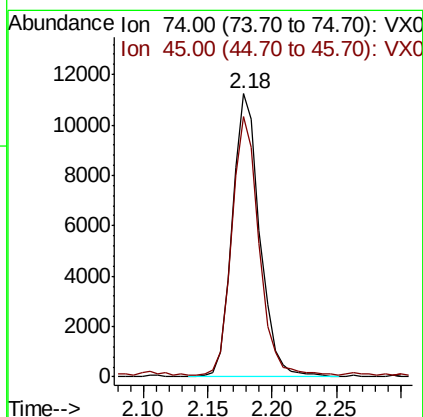
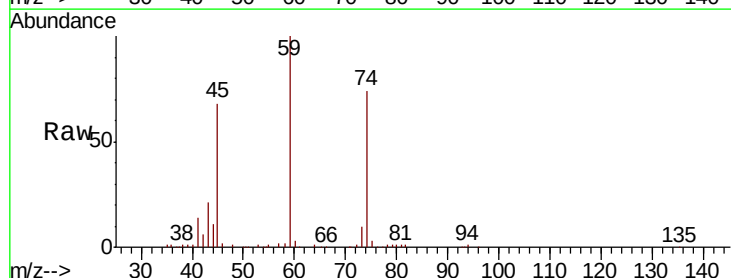
Tgt Ion:101 Resp: 48134
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3

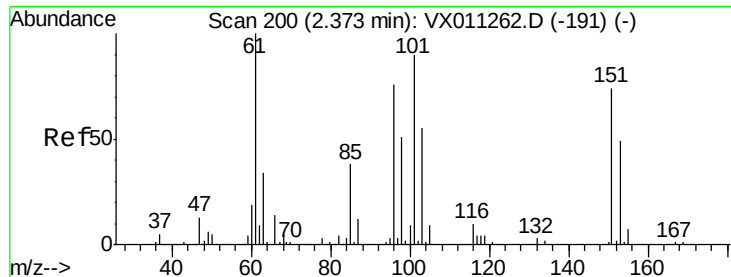


#8

Diethyl Ether
 Concen: 17.107 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 74 Resp: 16762
 Ion Ratio Lower Upper
 74 100
 45 90.0 46.1 138.3

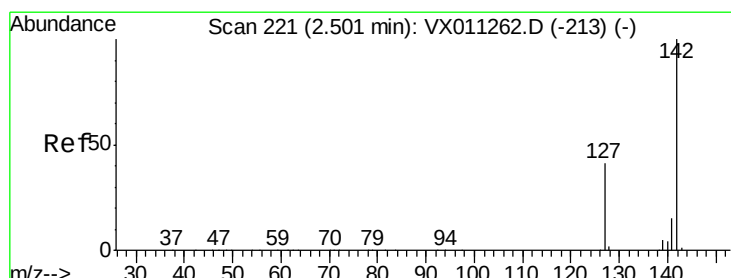
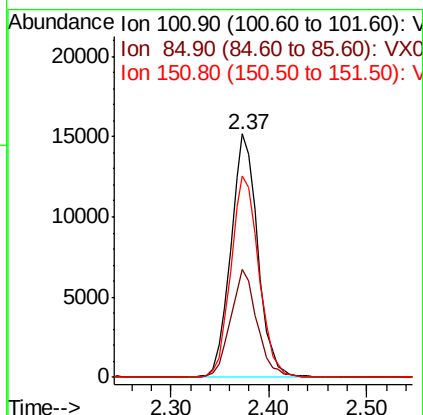
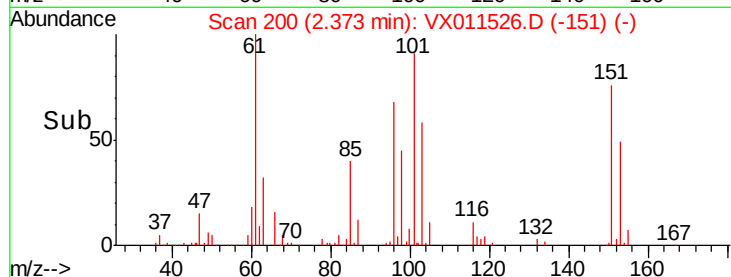
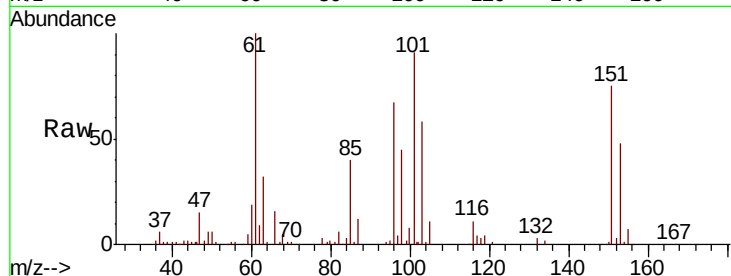




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.523 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011526.D
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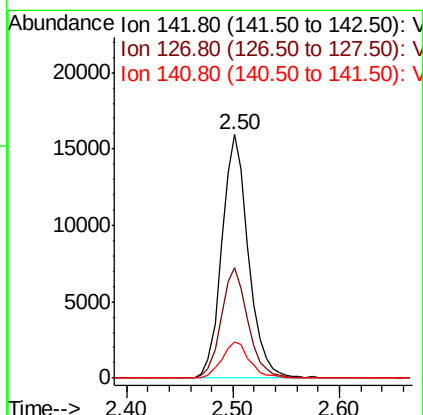
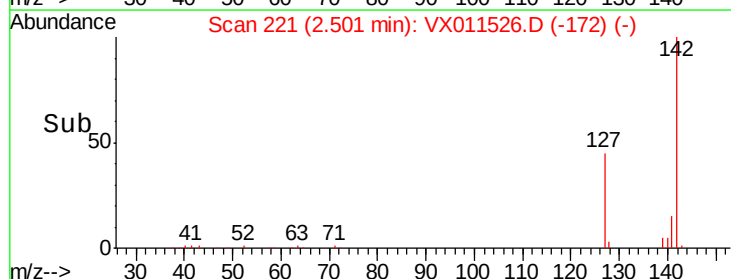
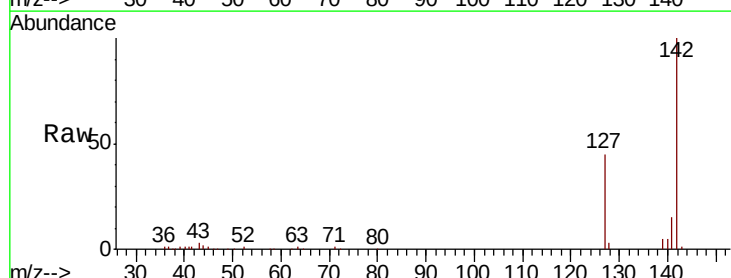
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

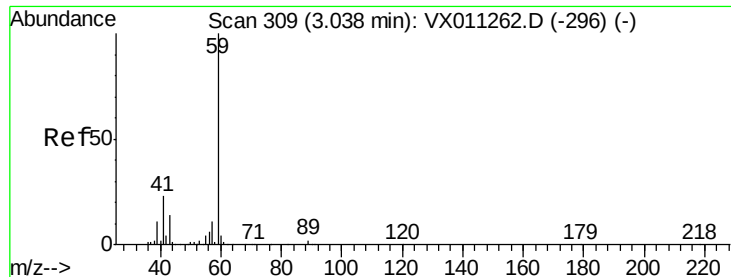
Tgt Ion:101 Resp: 28988
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.8 50.6
 151 85.5 69.5 104.3



#10
 Methyl Iodide
 Concen: 14.801 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion:142 Resp: 27707
 Ion Ratio Lower Upper
 142 100
 127 45.6 33.8 50.8
 141 15.2 11.4 17.2



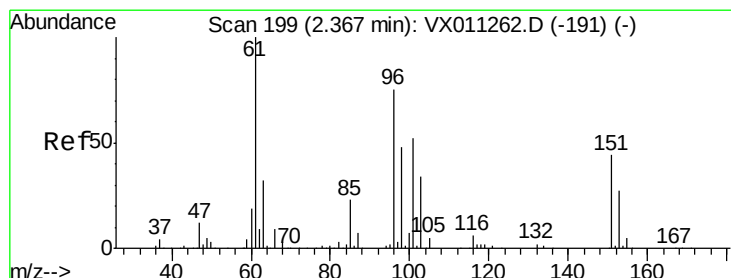
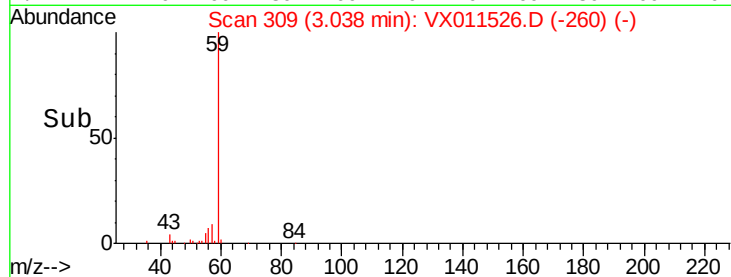
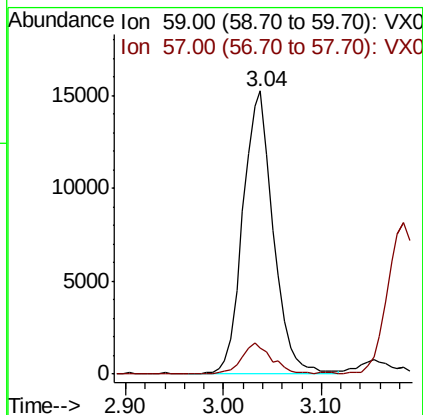
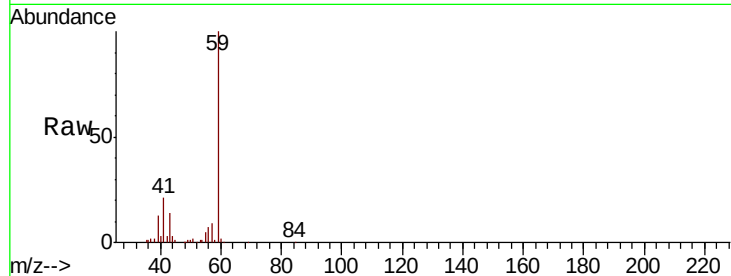


#11

Tert butyl alcohol
 Concen: 101.312 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

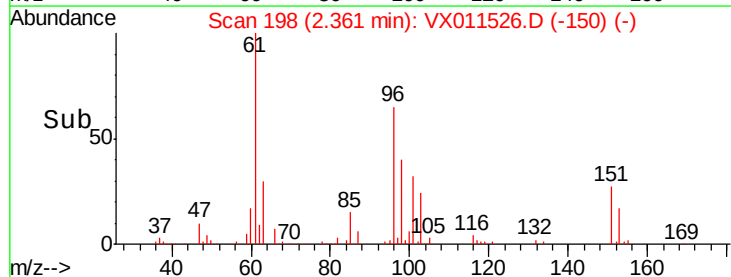
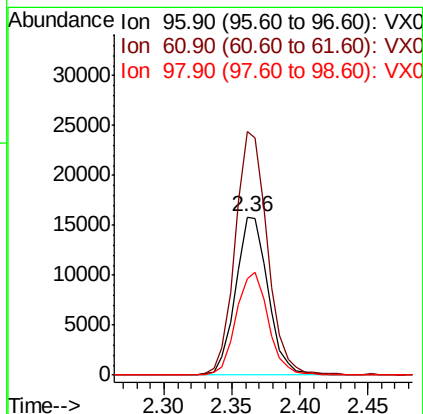
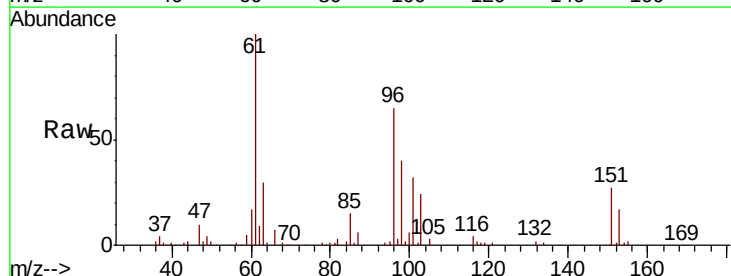
Tgt Ion: 59 Resp: 32907
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

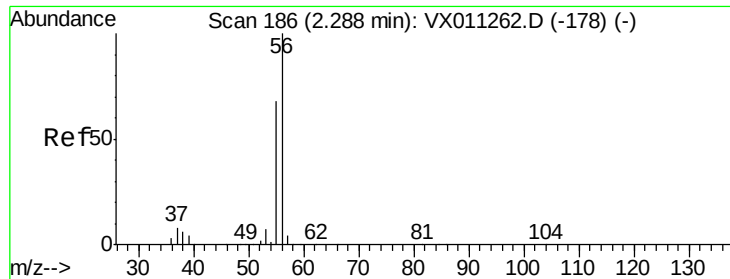


#12

1,1-Dichloroethene
 Concen: 17.927 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 96 Resp: 26385
 Ion Ratio Lower Upper
 96 100
 61 154.1 106.2 159.2
 98 61.0 50.6 75.8





#13

Acrolein

Concen: 84.502 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

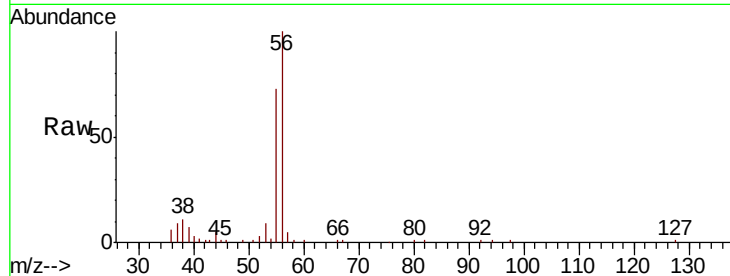
VX0813WBS01

Tgt Ion: 56 Resp: 17116

Ion Ratio Lower Upper

56 100

55 71.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

12000

10000

8000

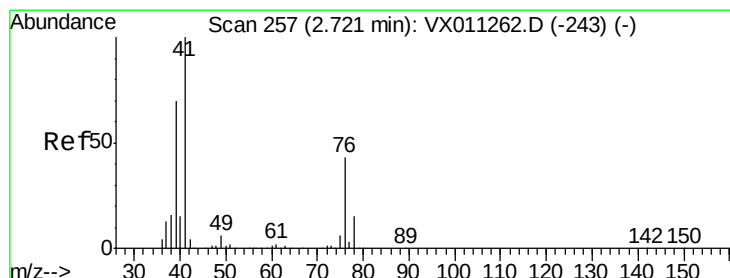
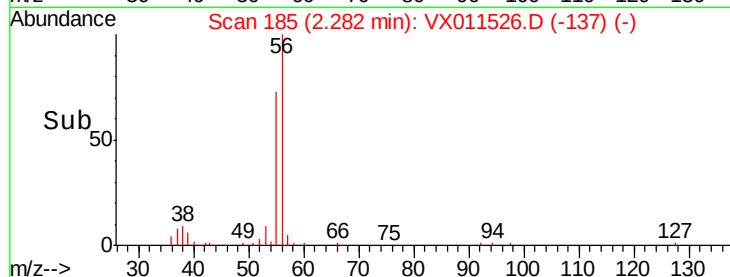
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 20.437 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

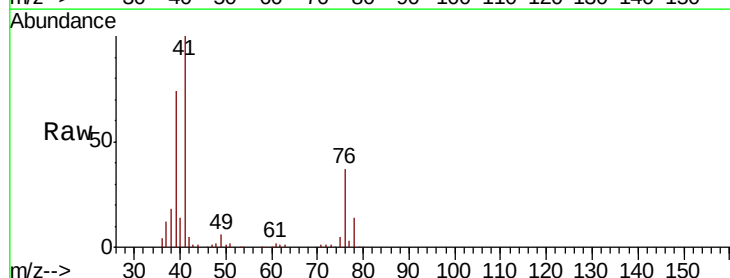
Tgt Ion: 41 Resp: 40100

Ion Ratio Lower Upper

41 100

39 68.1 52.8 79.2

76 34.2 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

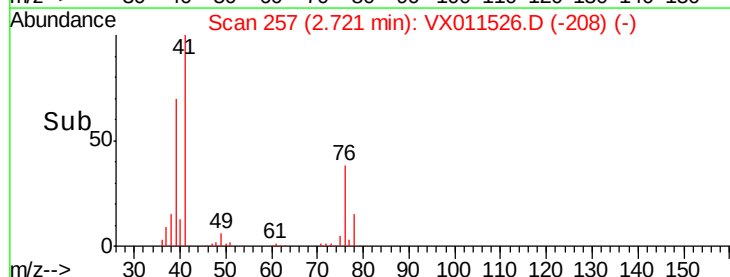
15000

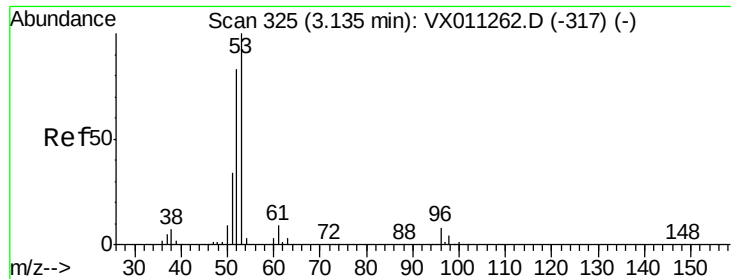
10000

5000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.263 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

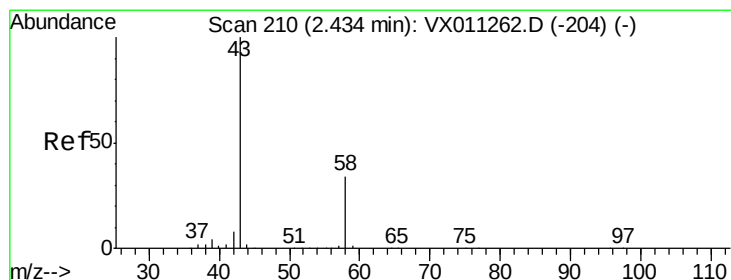
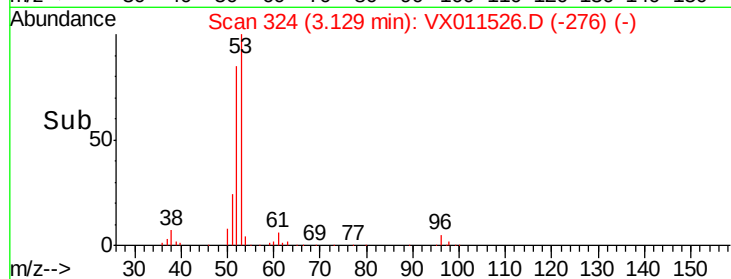
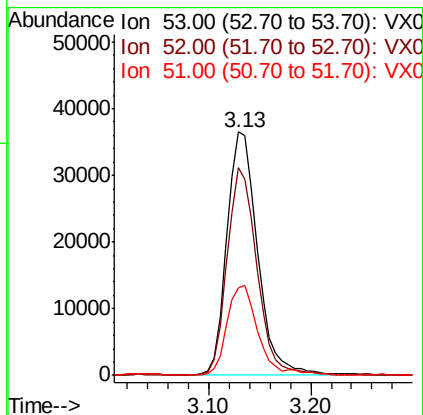
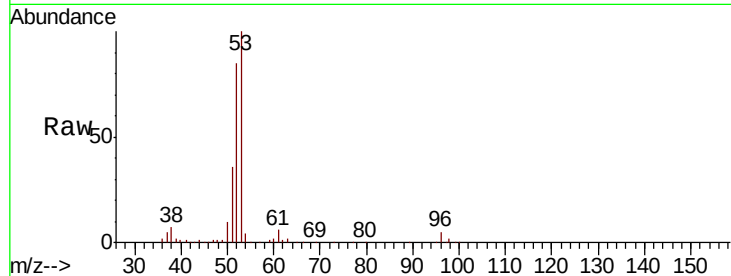
Tgt Ion: 53 Resp: 76174

Ion Ratio Lower Upper

53 100

52 83.0 65.5 98.3

51 37.6 27.9 41.9



#16

Acetone

Concen: 105.169 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011526.D

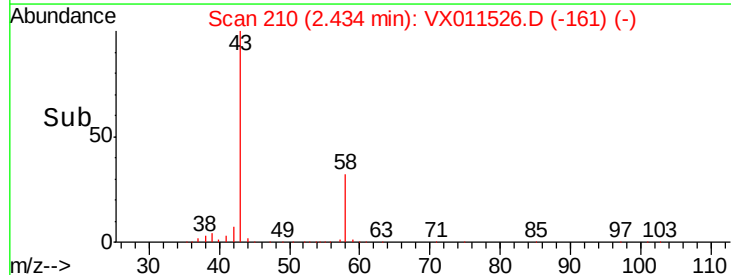
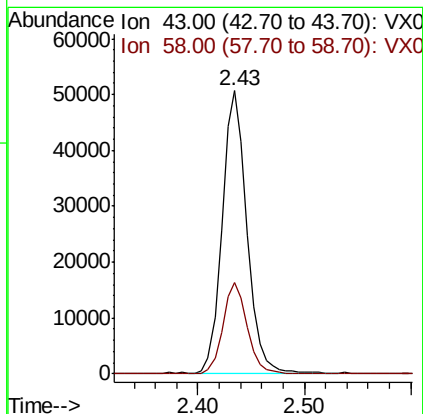
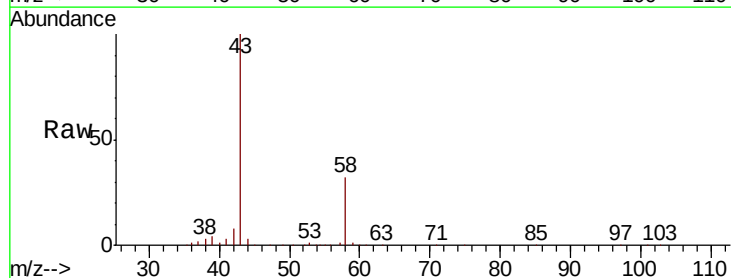
Acq: 13 Aug 2019 11:24

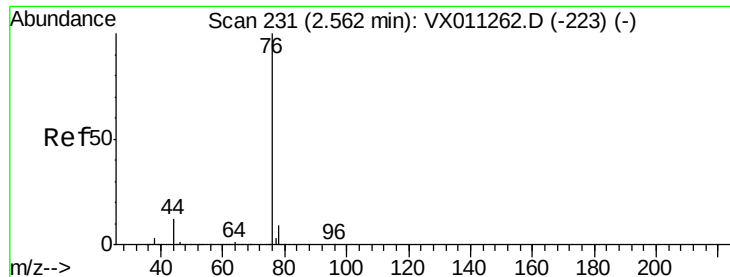
Tgt Ion: 43 Resp: 81550

Ion Ratio Lower Upper

43 100

58 32.3 27.4 41.0





#17

Carbon Disulfide

Concen: 16.006 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

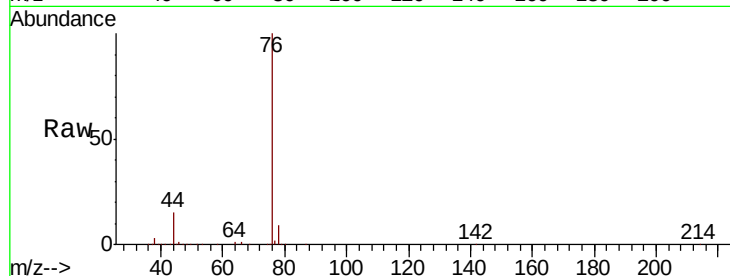
VX0813WBS01

Tgt Ion: 76 Resp: 55282

Ion Ratio Lower Upper

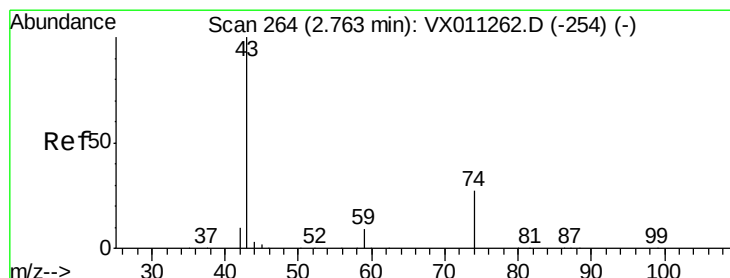
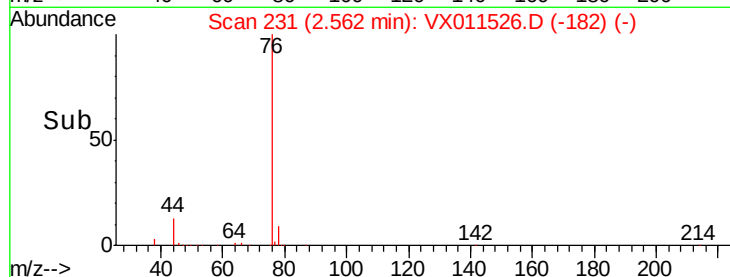
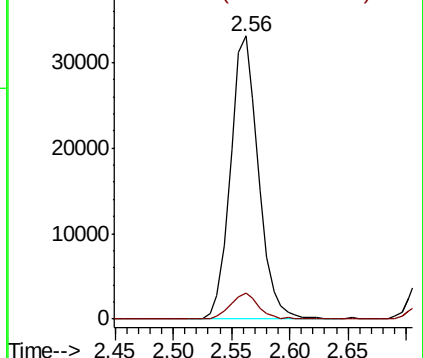
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.066 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011526.D

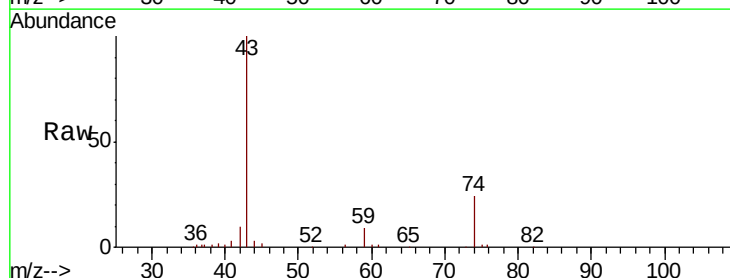
Acq: 13 Aug 2019 11:24

Tgt Ion: 43 Resp: 37330

Ion Ratio Lower Upper

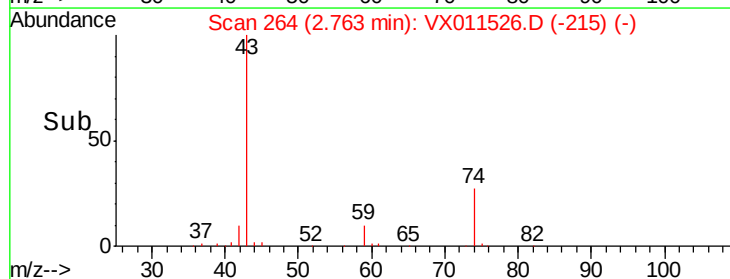
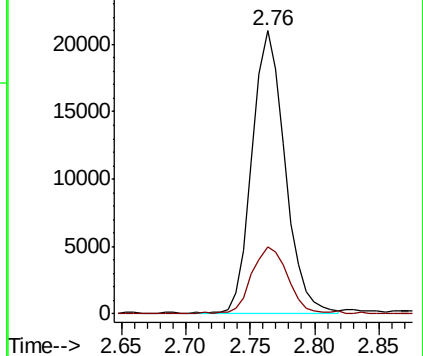
43 100

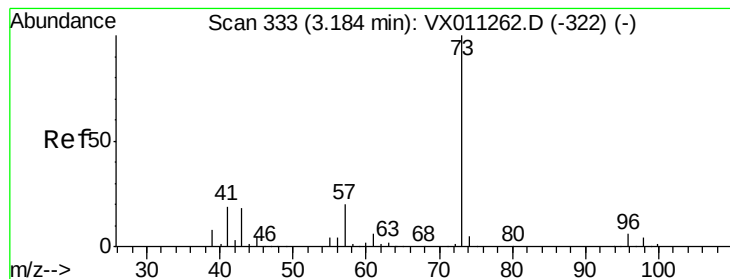
74 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



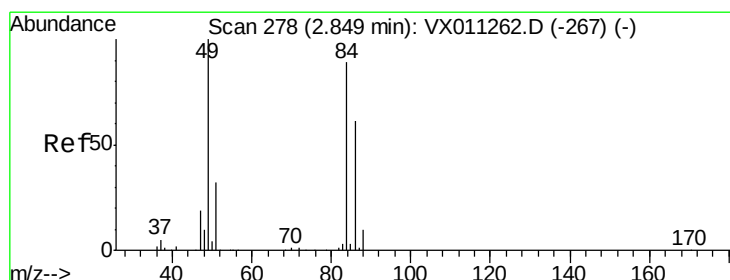
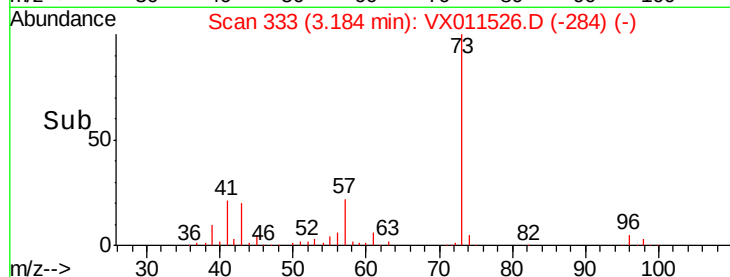
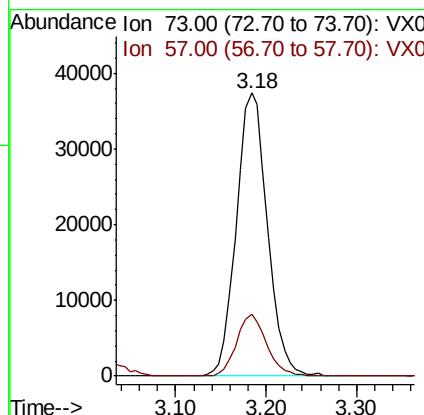
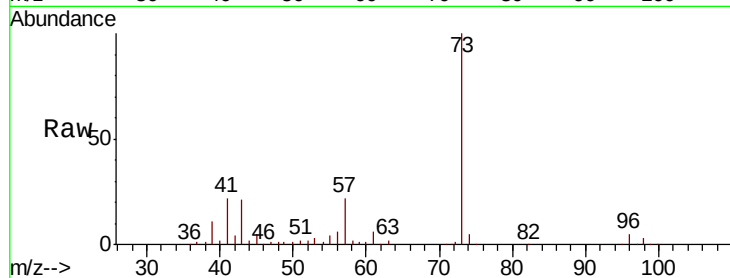


#19

Methyl tert-butyl Ether
 Concen: 20.425 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

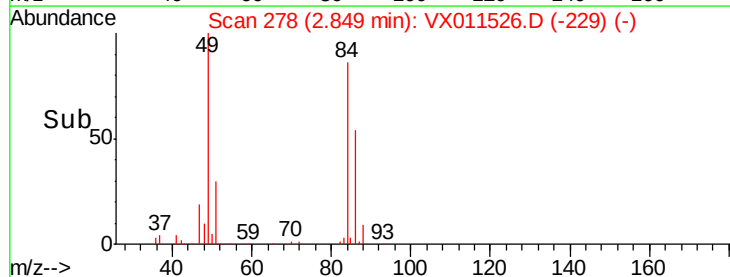
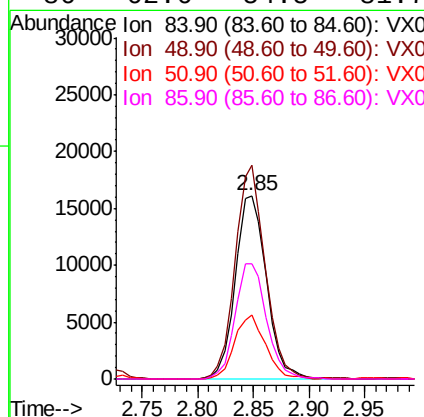
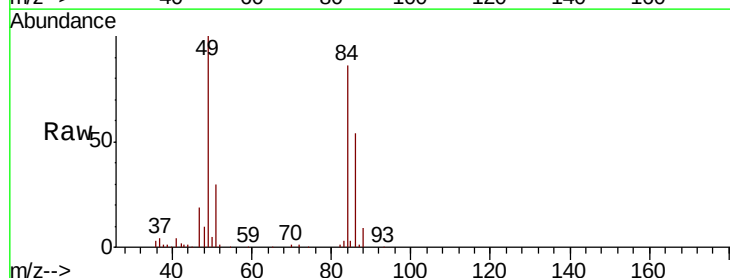
Tgt Ion: 73 Resp: 88593
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.2 24.2

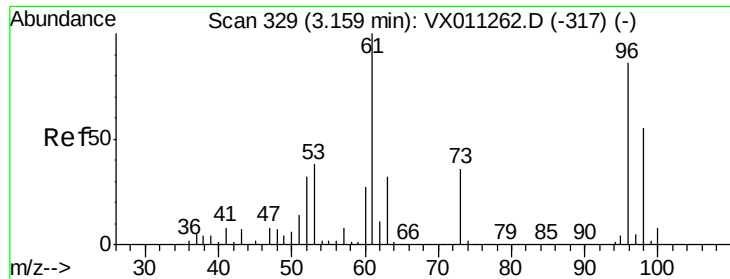


#20

Methylene Chloride
 Concen: 18.357 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 84 Resp: 31174
 Ion Ratio Lower Upper
 84 100
 49 116.4 89.3 133.9
 51 35.0 28.3 42.5
 86 62.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.455 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

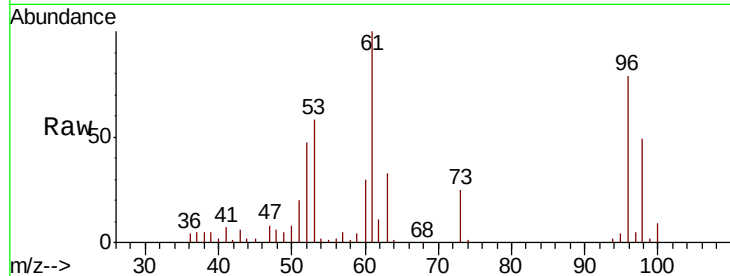
Tgt Ion: 96 Resp: 28733

Ion Ratio Lower Upper

96 100

61 126.2 92.8 139.2

98 62.1 51.2 76.8

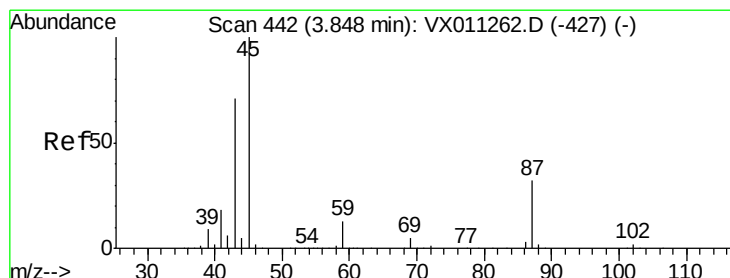
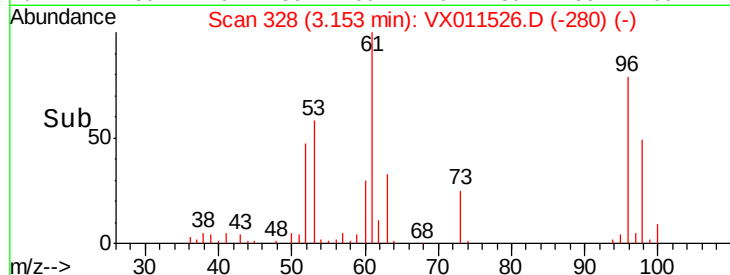
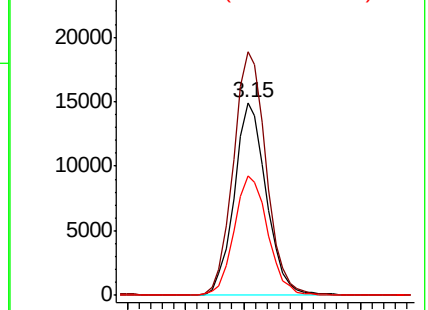


Abundance

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: 19.926 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Tgt Ion: 45 Resp: 85931

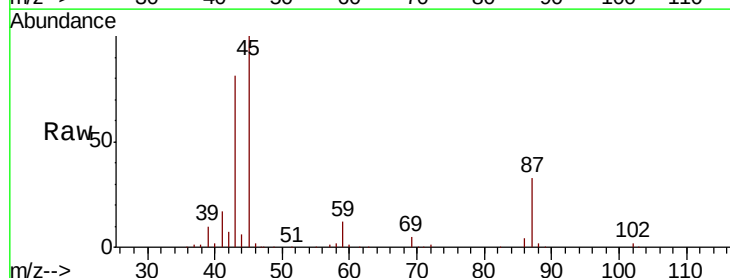
Ion Ratio Lower Upper

45 100

43 80.8 56.8 85.2

87 33.3 25.8 38.6

59 11.6 10.3 15.5



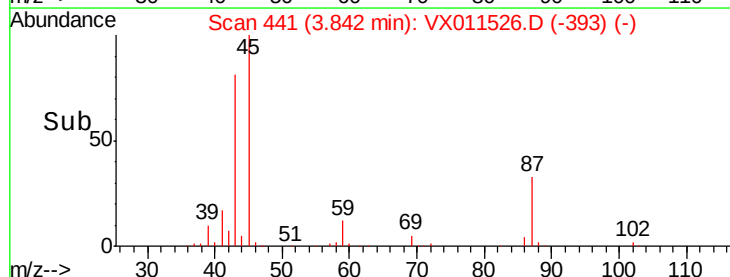
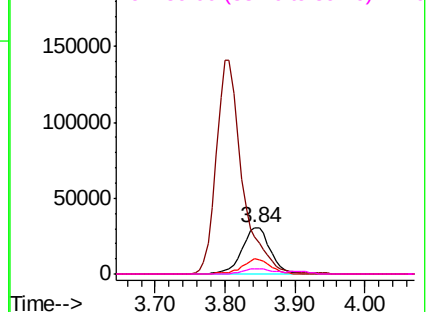
Abundance

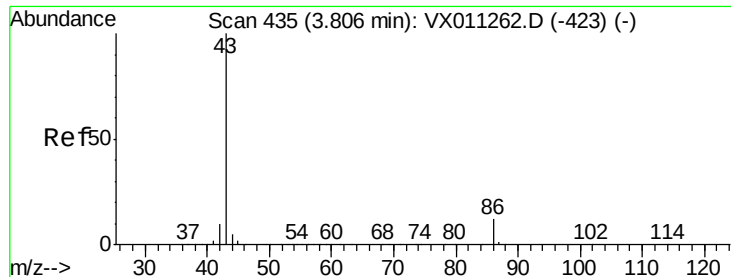
Ion 45.00 (44.70 to 45.70): VX0

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: 102.205 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

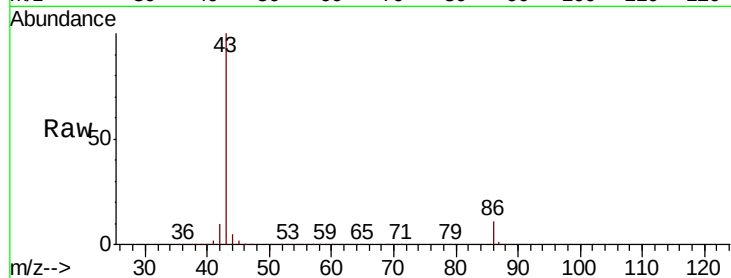
VX0813WBS01

Tgt Ion: 43 Resp: 365565

Ion Ratio Lower Upper

43 100

86 11.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

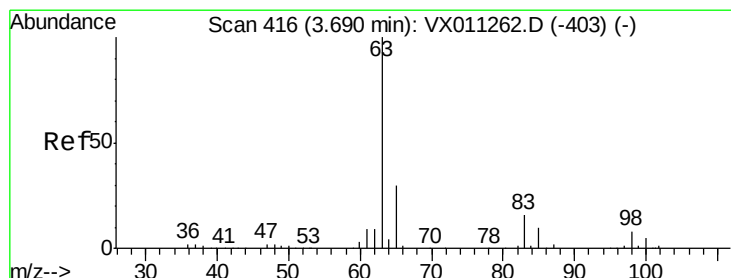
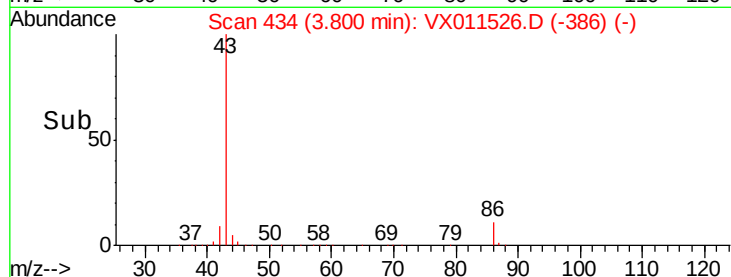
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.755 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

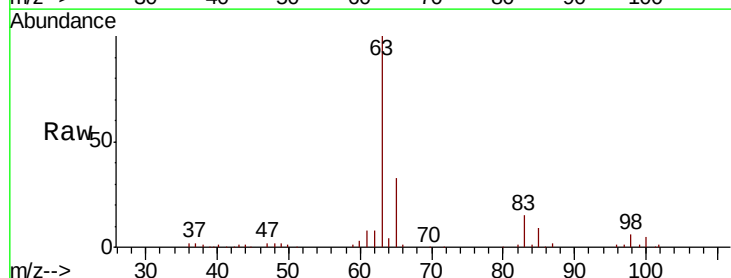
Tgt Ion: 63 Resp: 50235

Ion Ratio Lower Upper

63 100

98 5.7 3.9 11.5

100 5.1 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

25000

20000

15000

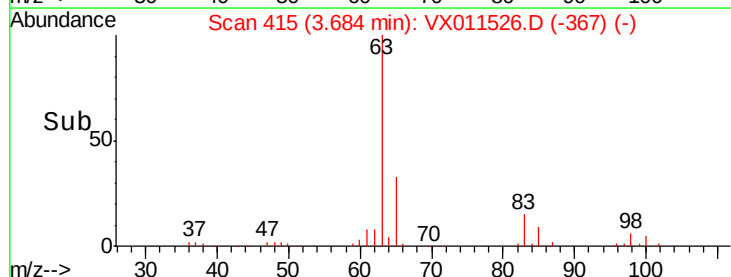
10000

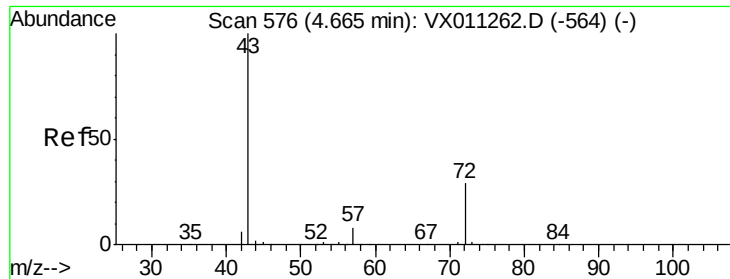
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 102.215 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

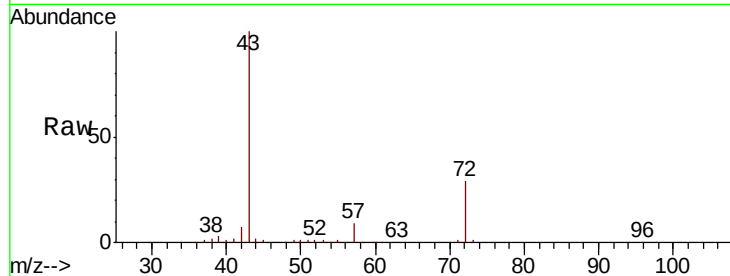
VX0813WBS01

Tgt Ion: 43 Resp: 112746

Ion Ratio Lower Upper

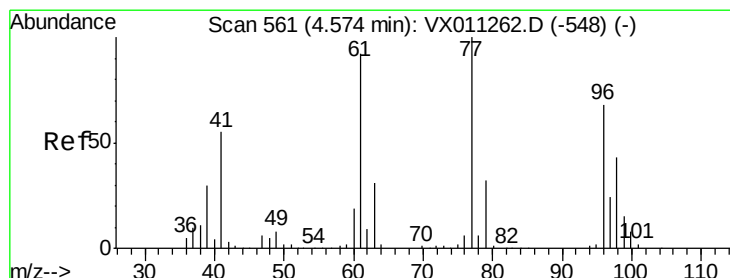
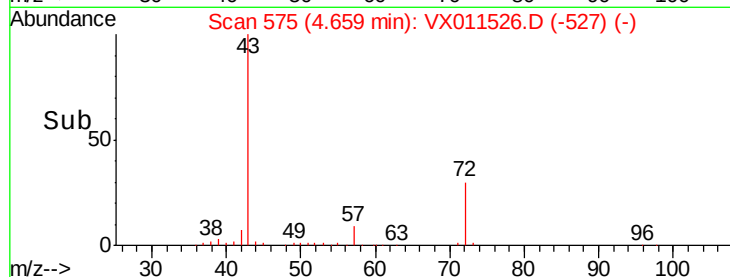
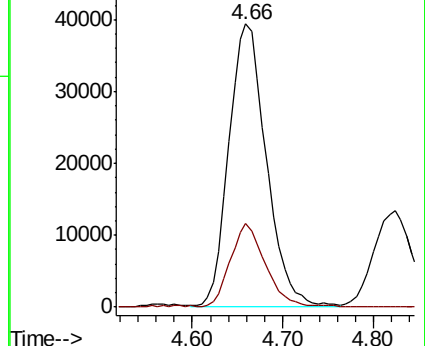
43 100

72 29.3 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: 20.570 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011526.D

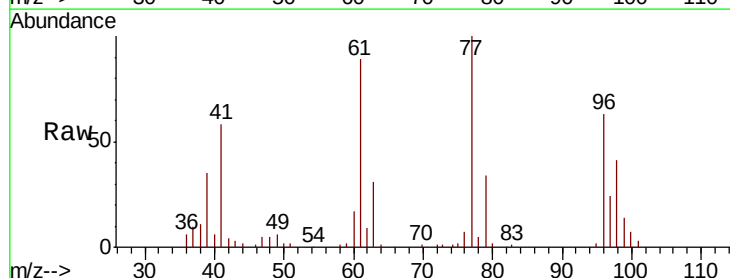
Acq: 13 Aug 2019 11:24

Tgt Ion: 77 Resp: 40662

Ion Ratio Lower Upper

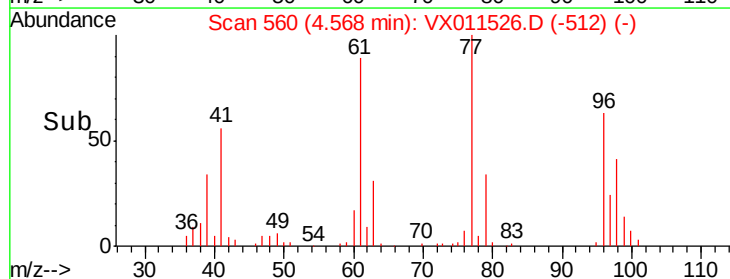
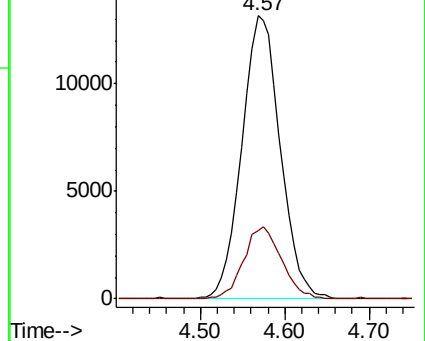
77 100

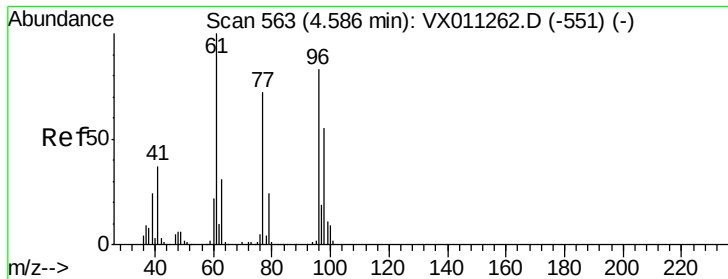
97 25.1 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



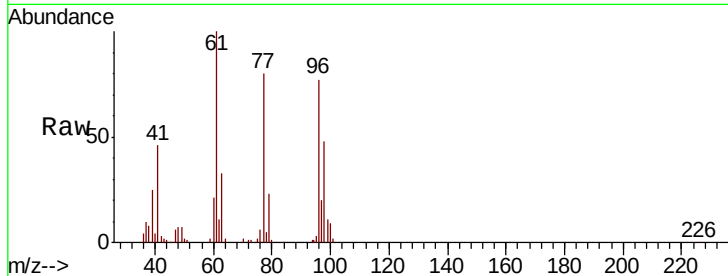


#27

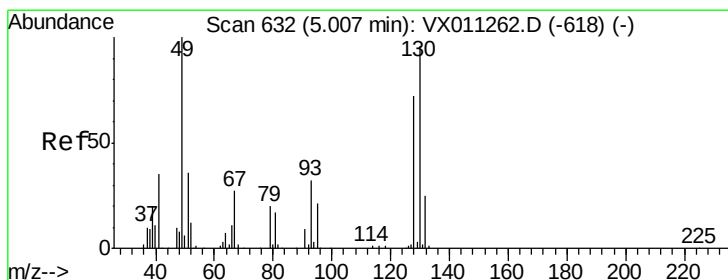
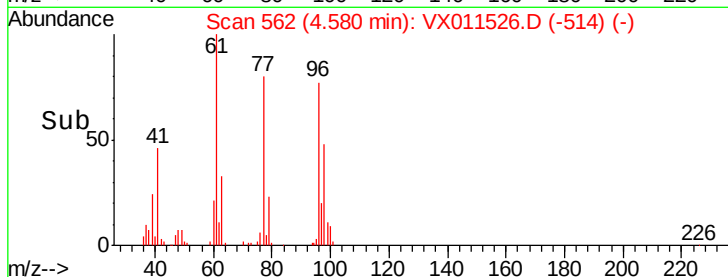
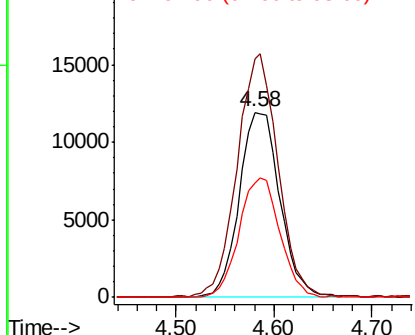
cis-1,2-Dichloroethene
 Concen: 19.225 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Tgt Ion: 96 Resp: 34477
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 260.2
 98 64.4 0.0 133.2



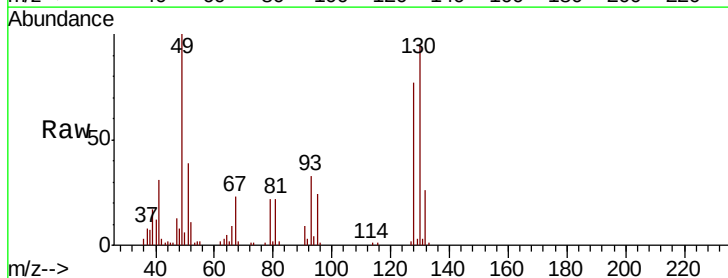
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



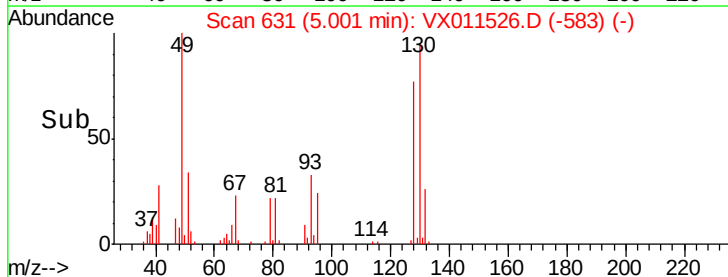
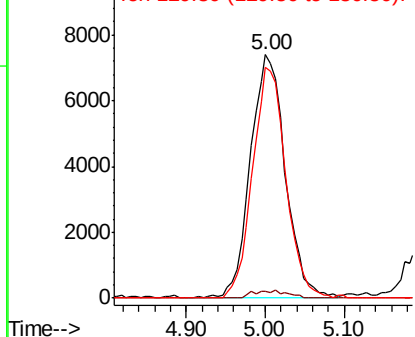
#28

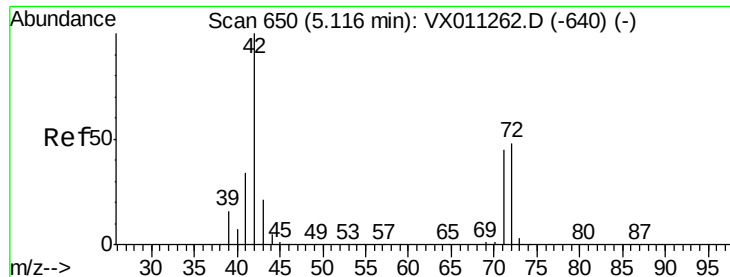
Bromochloromethane
 Concen: 19.658 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 49 Resp: 22789
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.8
 130 90.0 77.9 116.9



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





#29

Tetrahydrofuran

Concen: 97.012 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

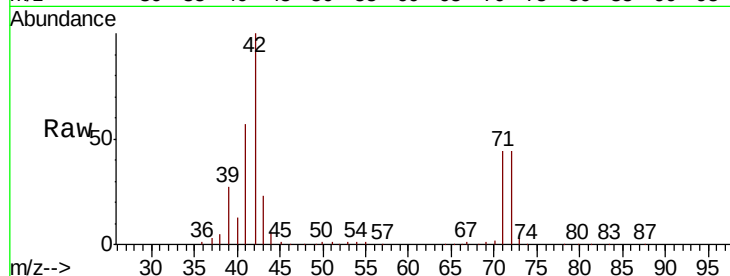
Tgt Ion: 42 Resp: 65611

Ion Ratio Lower Upper

42 100

72 48.6 39.9 59.9

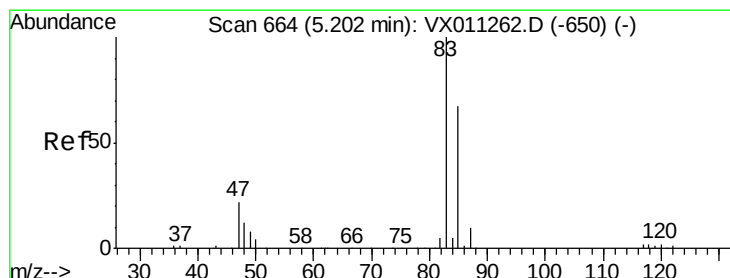
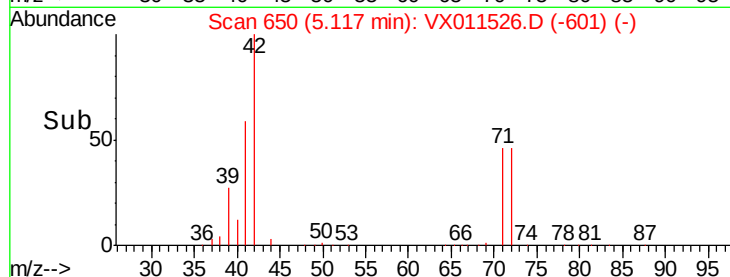
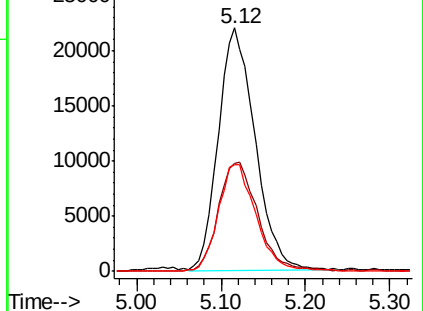
71 45.3 36.9 55.3



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: 20.542 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011526.D

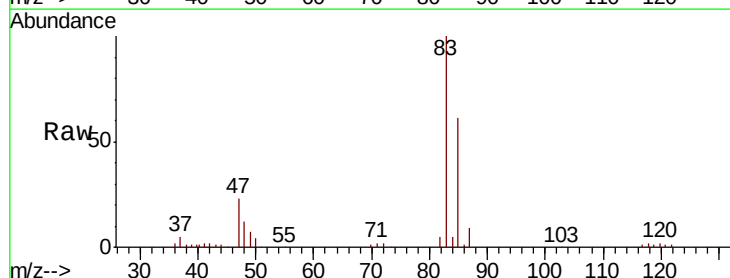
Acq: 13 Aug 2019 11:24

Tgt Ion: 83 Resp: 56772

Ion Ratio Lower Upper

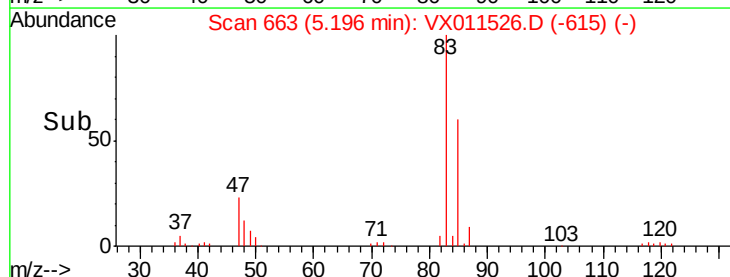
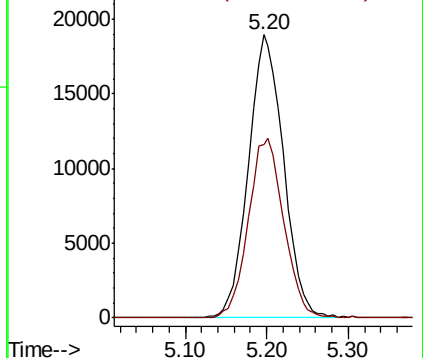
83 100

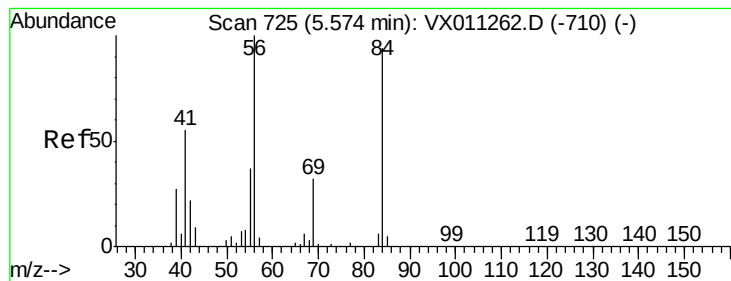
85 61.2 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.593 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0813WBS01

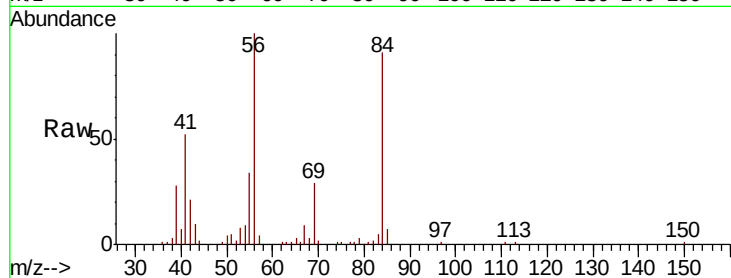
Tgt Ion: 56 Resp: 39007

Ion Ratio Lower Upper

56 100

69 29.3 25.5 38.3

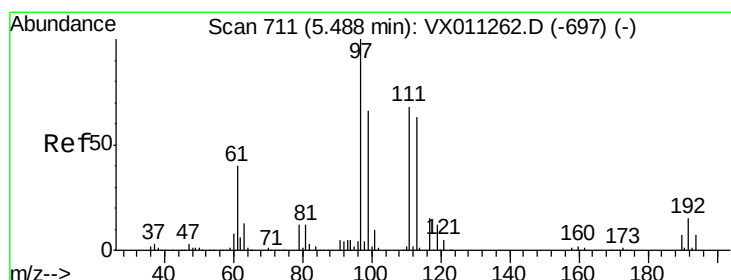
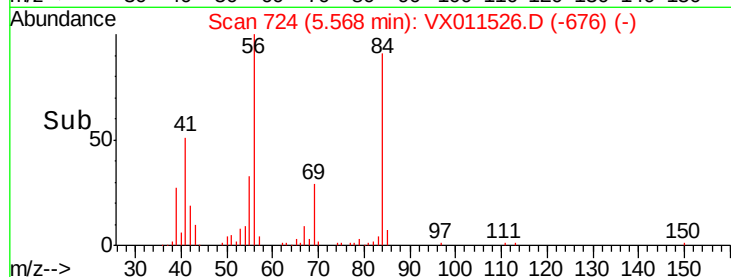
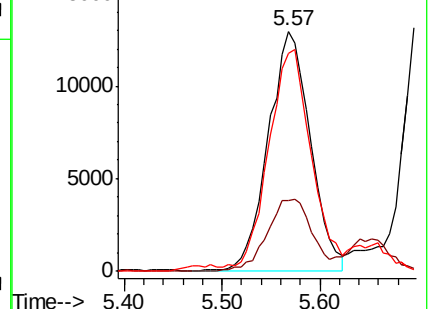
84 88.6 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.404 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

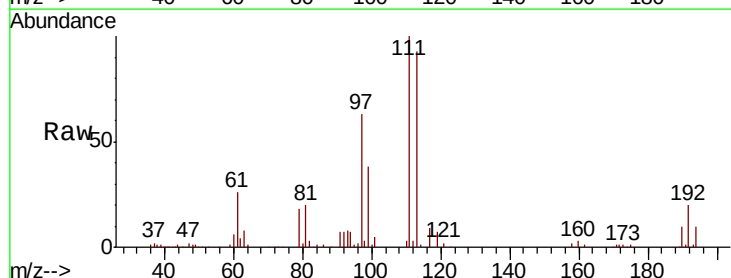
Tgt Ion: 97 Resp: 48308

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

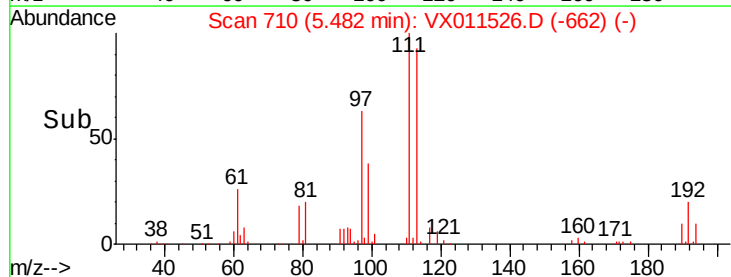
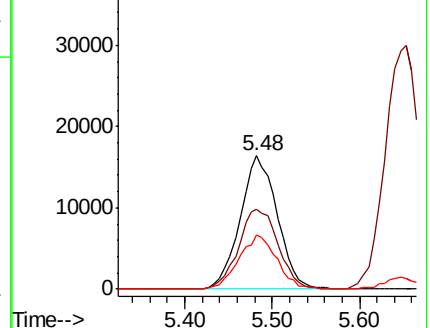
61 41.5 32.3 48.5

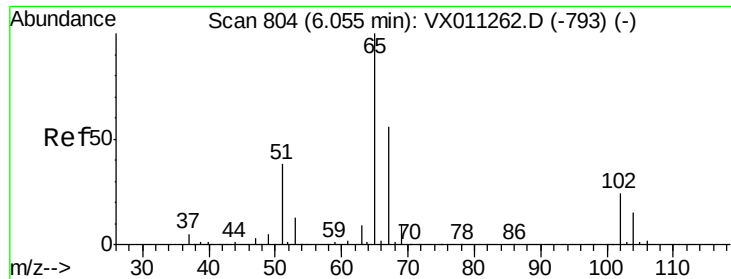


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

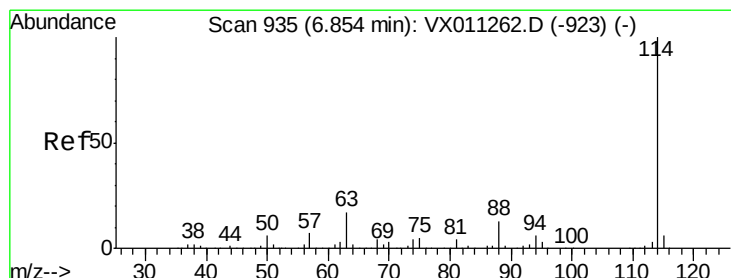
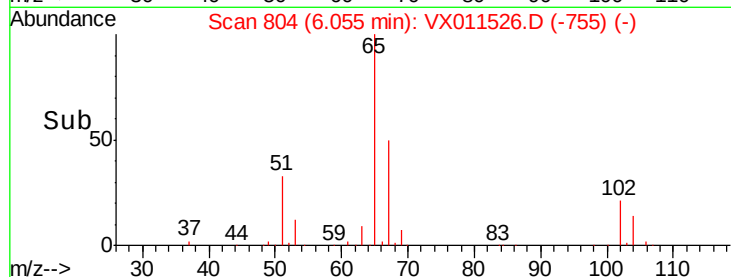
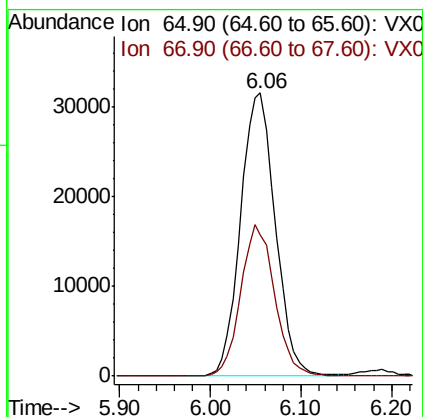
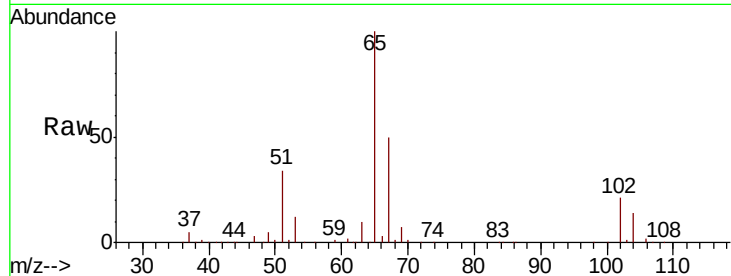




#33
 1,2-Dichloroethane-d4
 Concen: 51.489 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

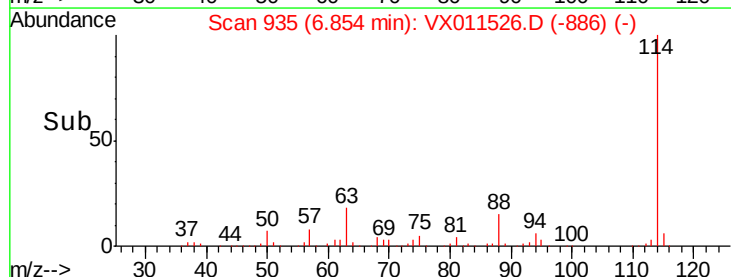
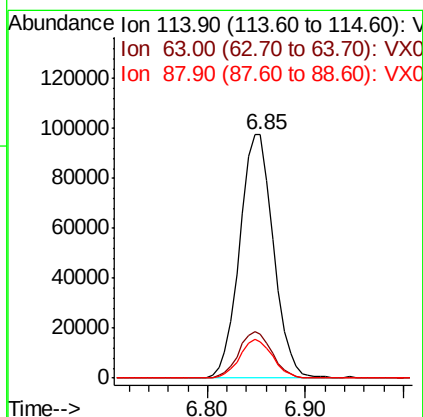
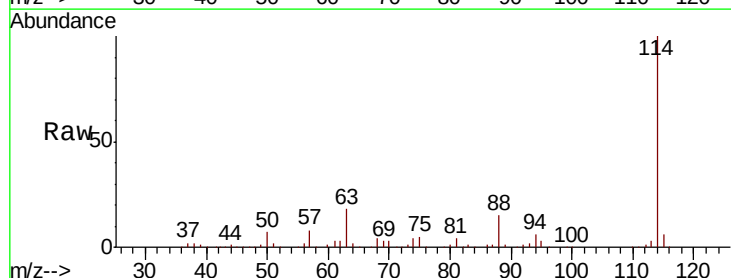
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

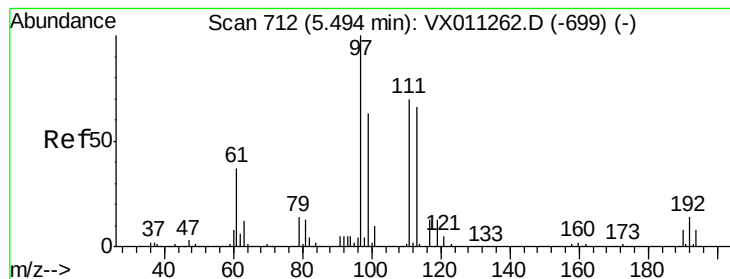
Tgt Ion: 65 Resp: 83881
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 114 Resp: 233661
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 15.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.957 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0813WBS01

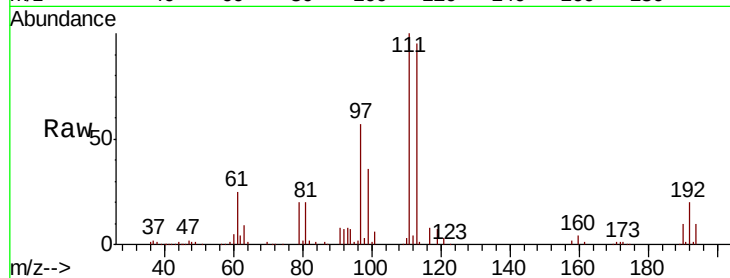
Tgt Ion: 113 Resp: 71634

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

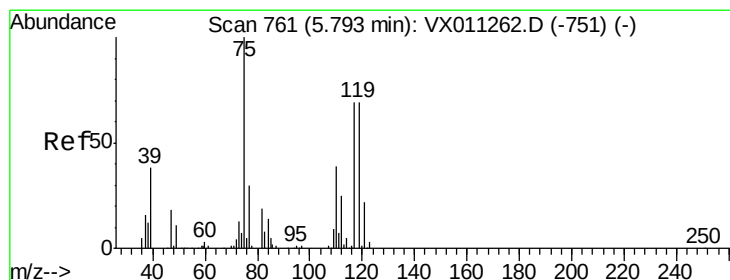
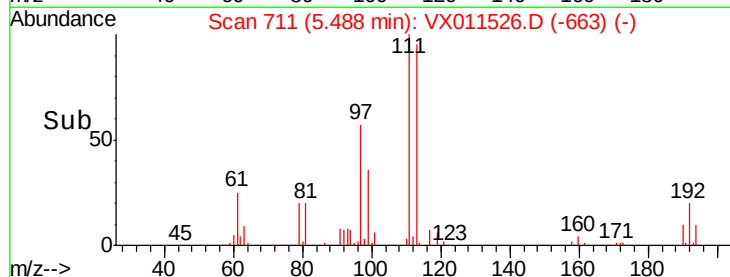
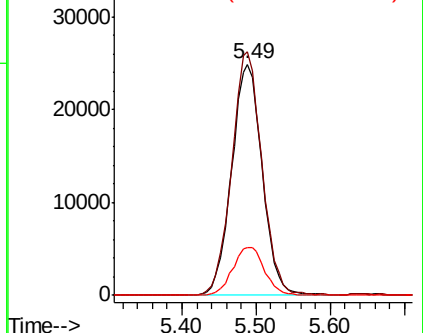
192 21.6 17.8 26.8



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: 18.657 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

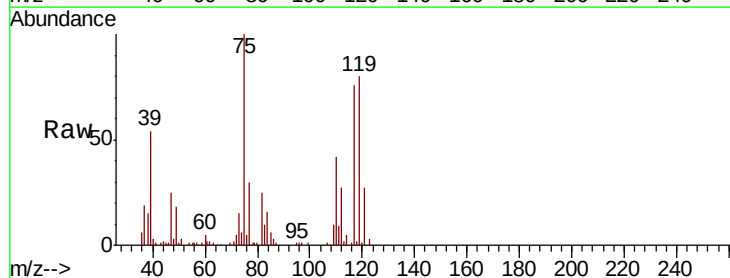
Tgt Ion: 75 Resp: 38061

Ion Ratio Lower Upper

75 100

110 39.3 20.0 59.9

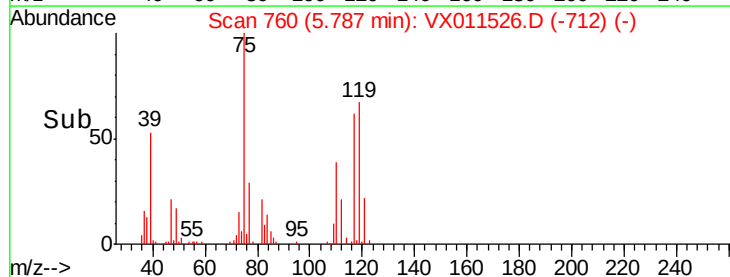
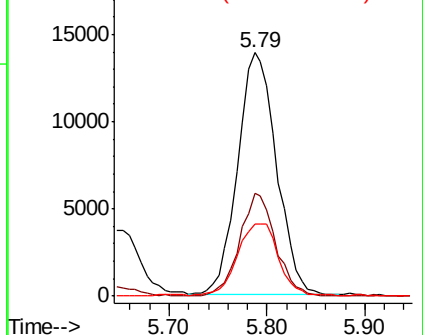
77 31.8 24.8 37.2

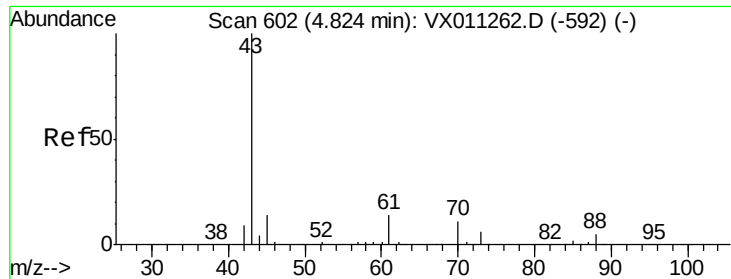


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.469 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

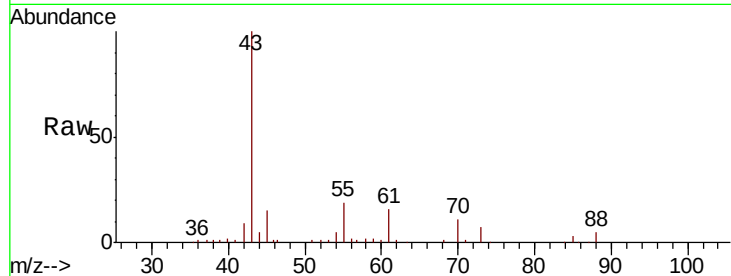
Tgt Ion: 43 Resp: 39840

Ion Ratio Lower Upper

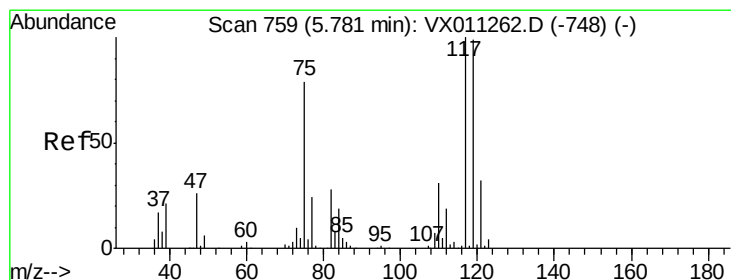
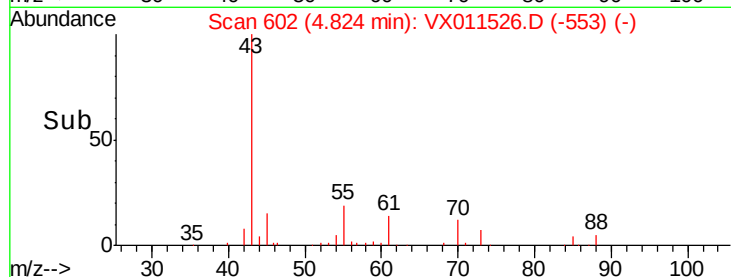
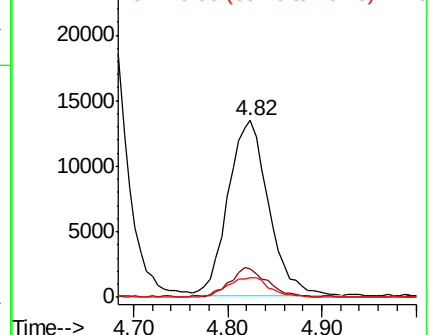
43 100

61 15.2 12.6 18.8

70 11.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.079 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

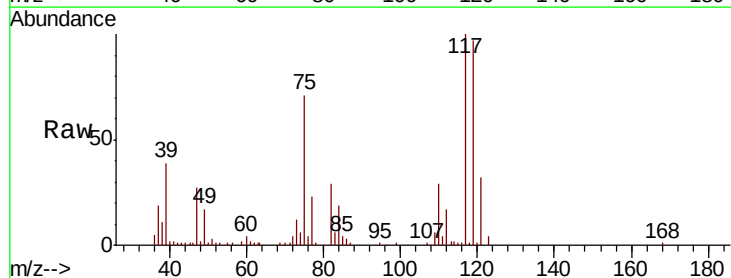
Tgt Ion: 117 Resp: 41212

Ion Ratio Lower Upper

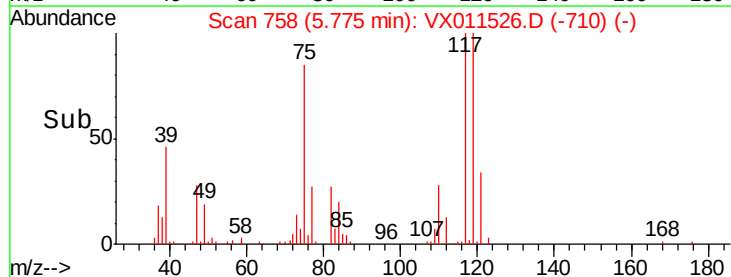
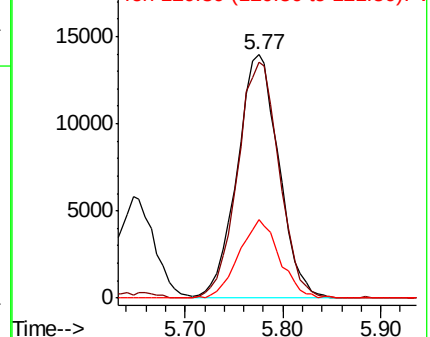
117 100

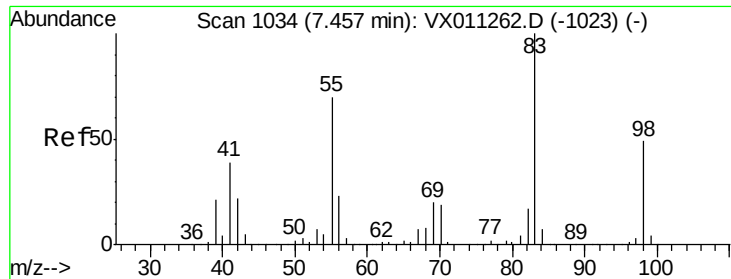
119 96.8 79.0 118.4

121 32.4 25.9 38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

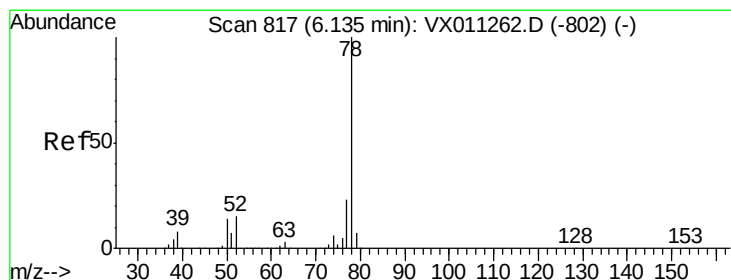
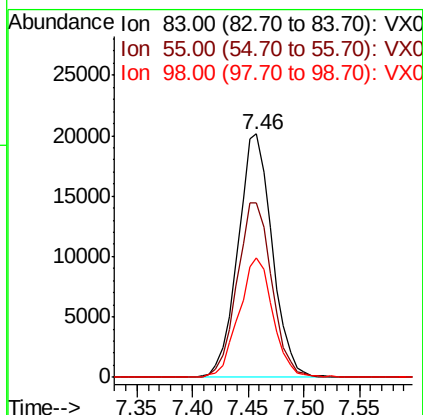
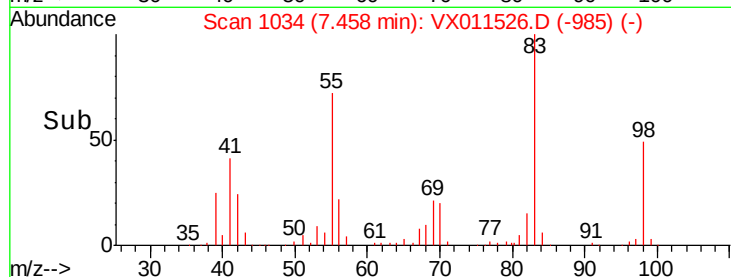
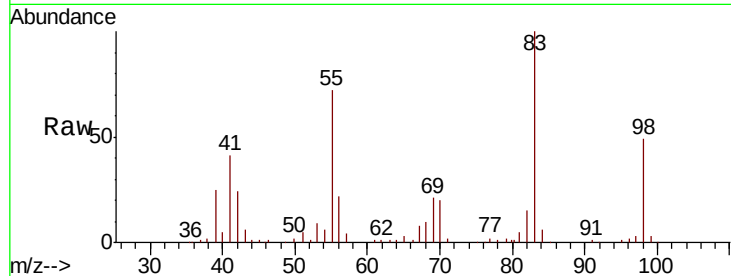




#39
Methylcyclohexane
Concen: 17.780 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

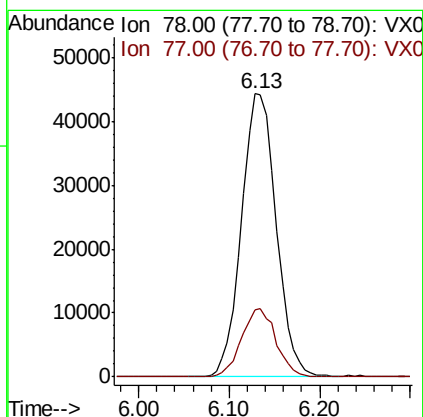
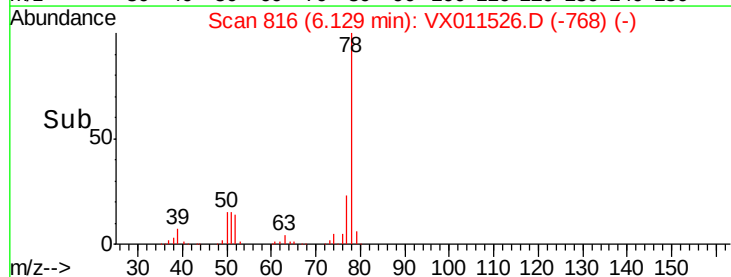
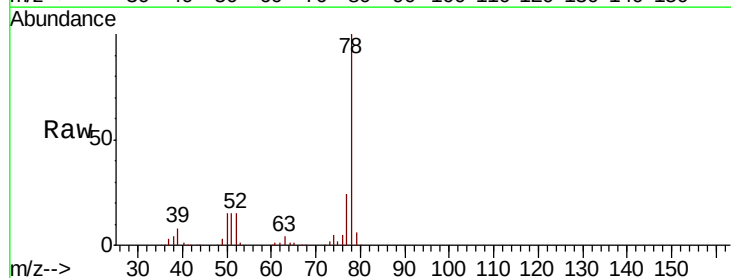
Instrument :
MSVOA_X
ClientSampled :
VX0813WBS01

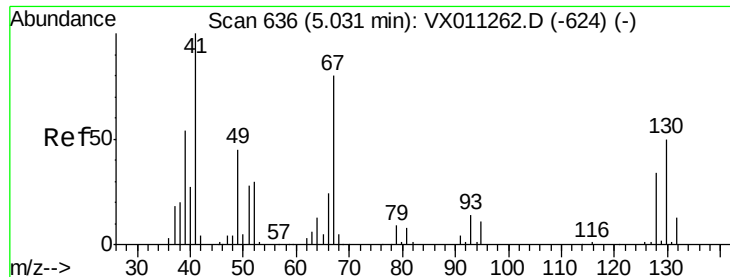
Tgt Ion: 83 Resp: 42995
Ion Ratio Lower Upper
83 100
55 71.3 56.1 84.1
98 48.9 39.0 58.4



#40
Benzene
Concen: 19.298 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 78 Resp: 117482
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2

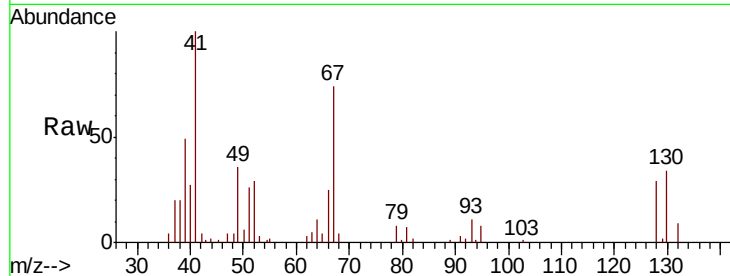




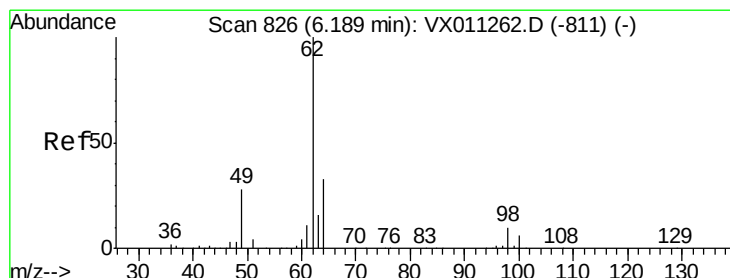
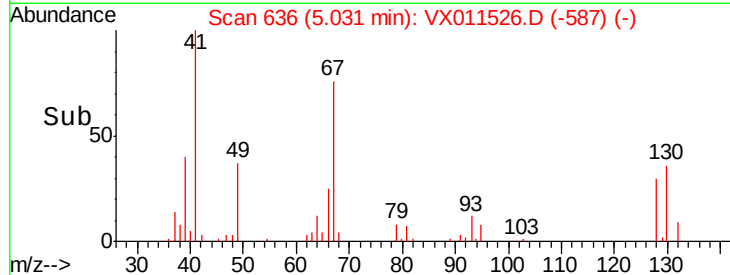
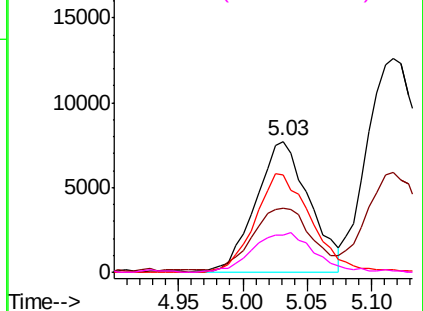
#41
Methacrylonitrile
Concen: 19.998 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 41 Resp: 22349
Ion Ratio Lower Upper
41 100
39 50.7 43.0 64.6
67 79.0 65.1 97.7
52 34.5 24.8 37.2

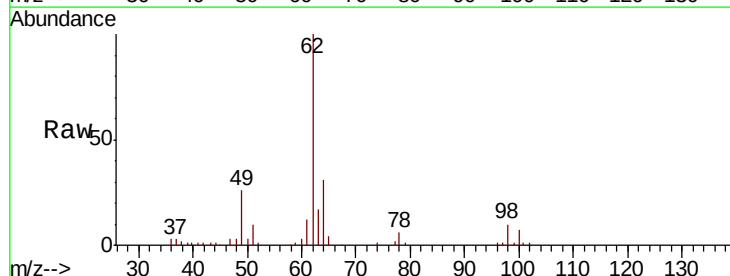


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

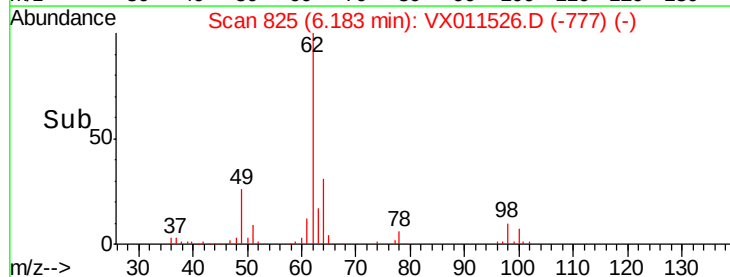
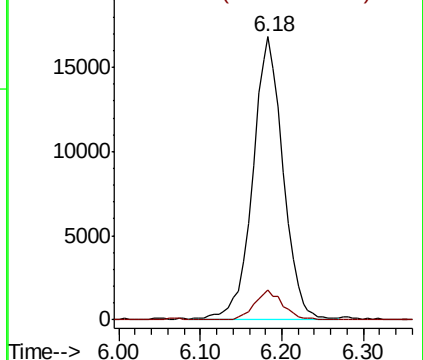


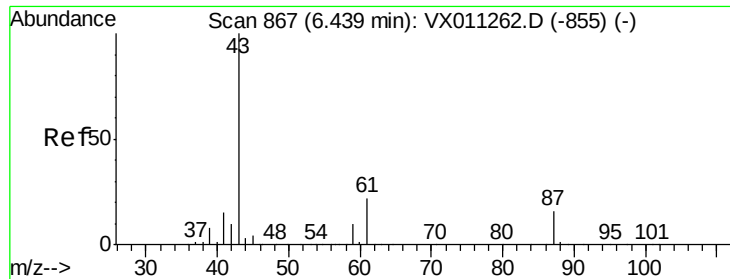
#42
1,2-Dichloroethane
Concen: 21.325 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 62 Resp: 43898
Ion Ratio Lower Upper
62 100
98 9.7 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: 19.544 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0813WBS01

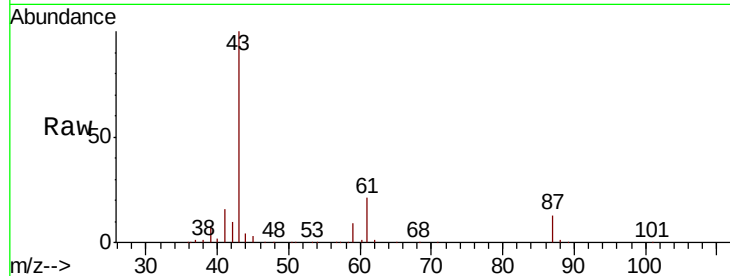
Tgt Ion: 43 Resp: 63940

Ion Ratio Lower Upper

43 100

61 21.4 16.5 24.7

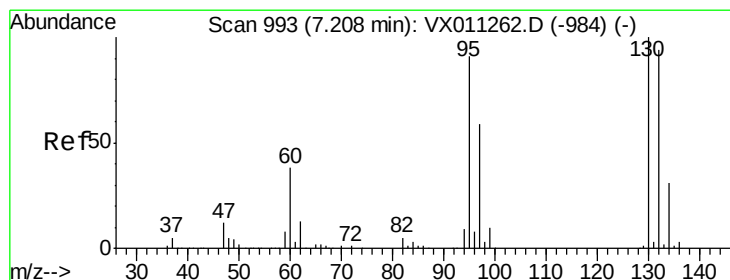
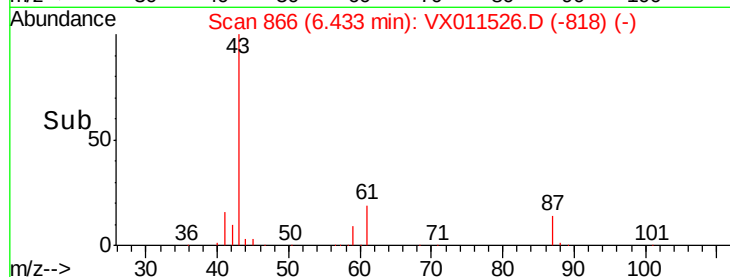
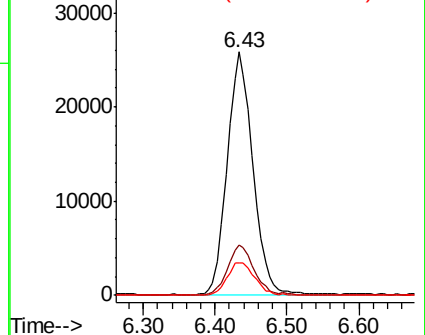
87 14.5 12.1 18.1



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: 18.903 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011526.D

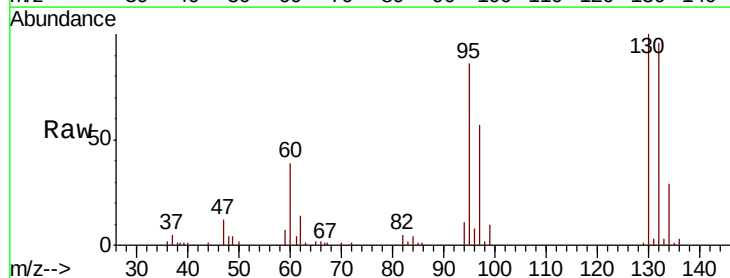
Acq: 13 Aug 2019 11:24

Tgt Ion: 130 Resp: 34833

Ion Ratio Lower Upper

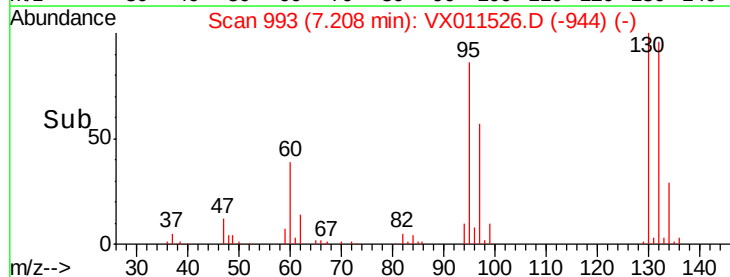
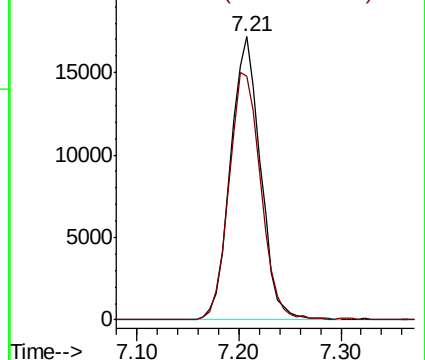
130 100

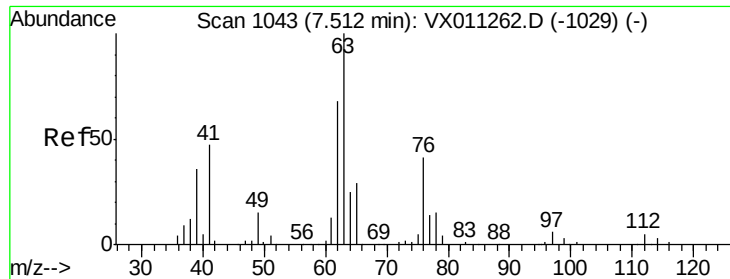
95 86.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

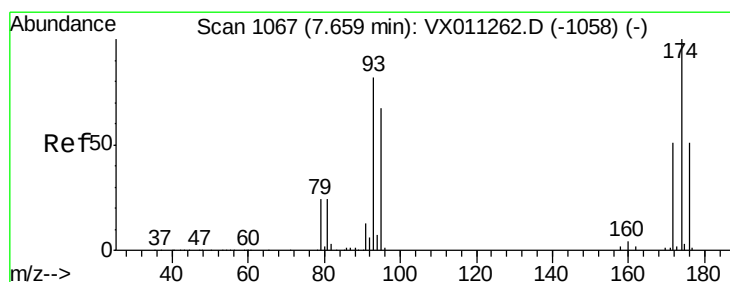
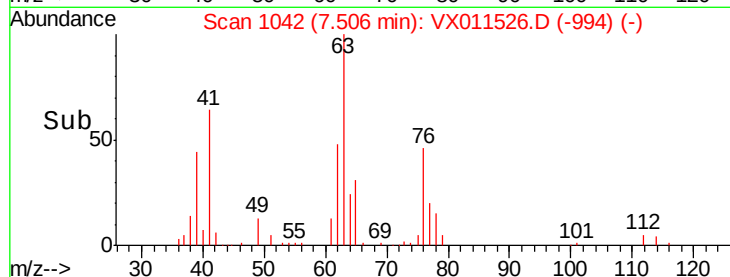
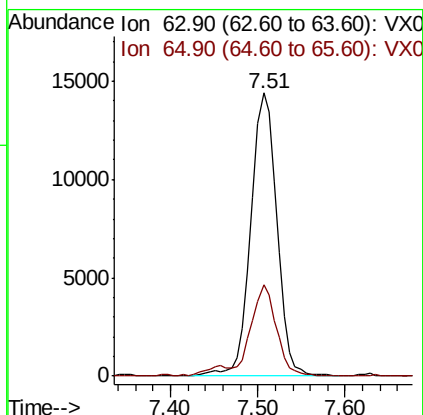
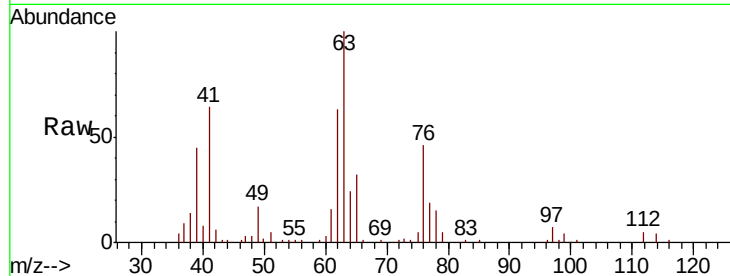




#45
 1,2-Dichloropropane
 Concen: 19.012 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

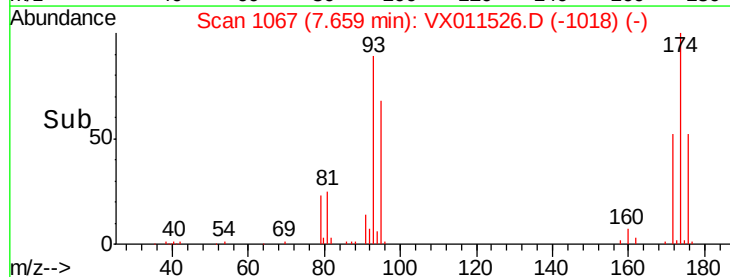
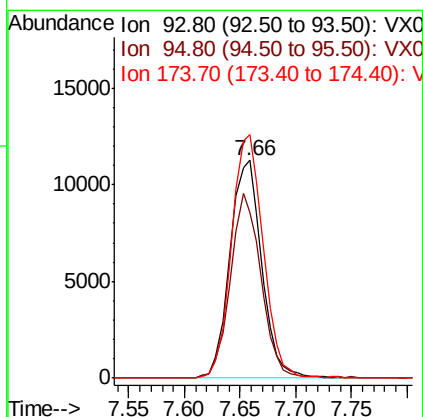
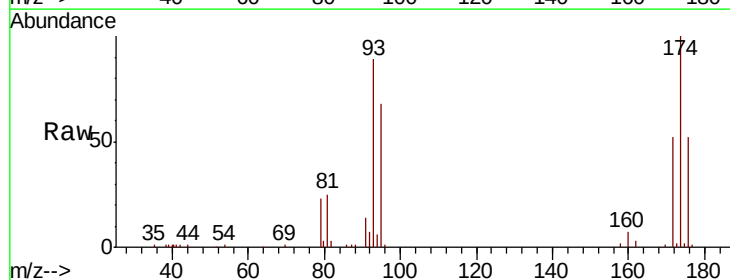
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

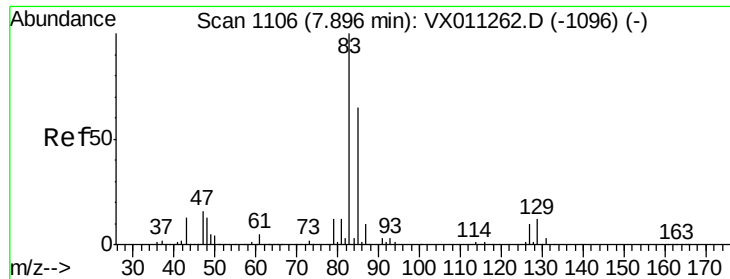
Tgt Ion: 63 Resp: 29975
 Ion Ratio Lower Upper
 63 100
 65 32.4 23.3 34.9



#46
 Dibromomethane
 Concen: 19.342 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 93 Resp: 22262
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.4 99.6
 174 111.3 93.4 140.2





#47

Bromodichloromethane

Concen: 20.294 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

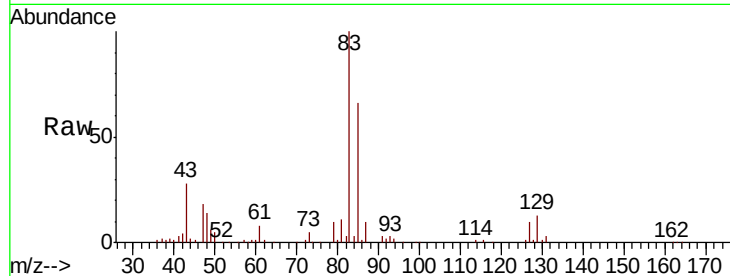
Tgt Ion: 83 Resp: 39547

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.2

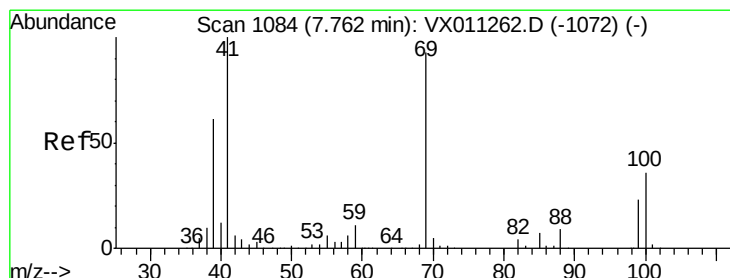
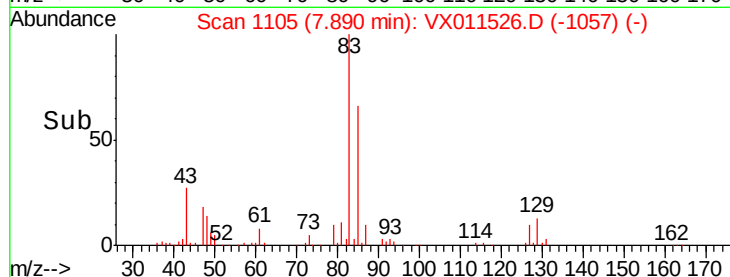
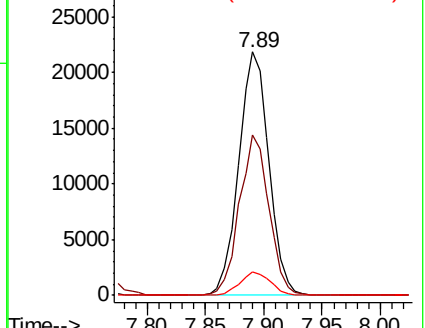
127 9.7 7.8 11.8



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: 20.334 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

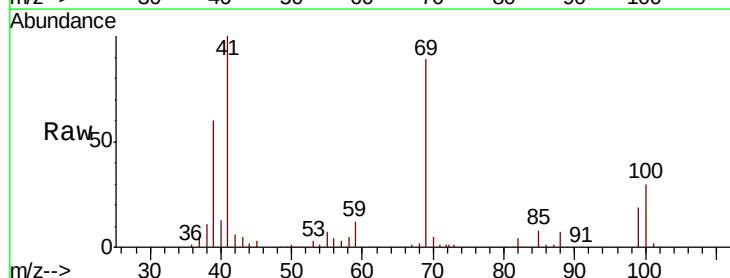
Tgt Ion: 41 Resp: 31308

Ion Ratio Lower Upper

41 100

69 90.6 74.5 111.7

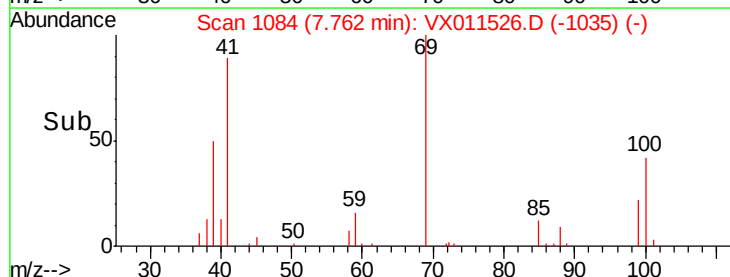
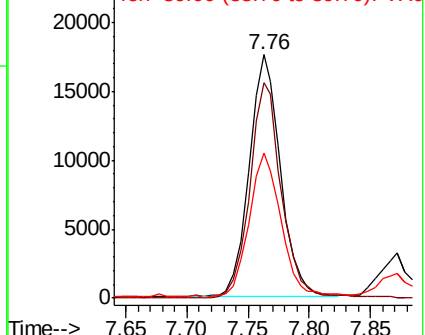
39 61.1 48.6 72.8

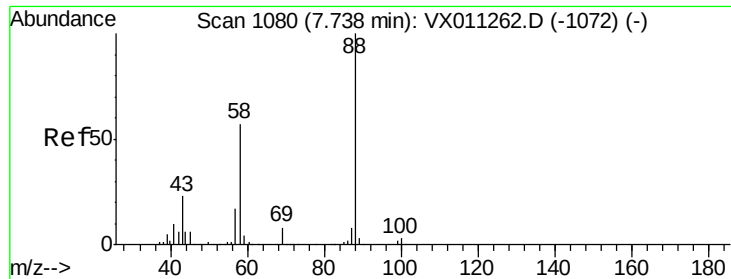


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

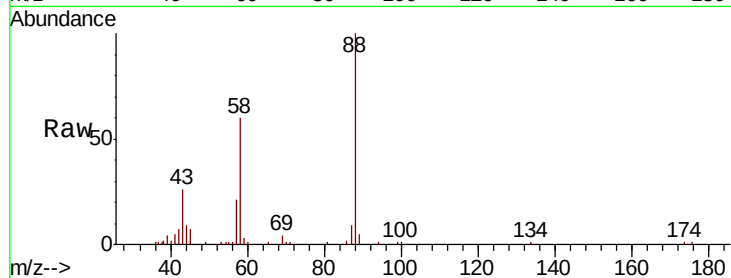




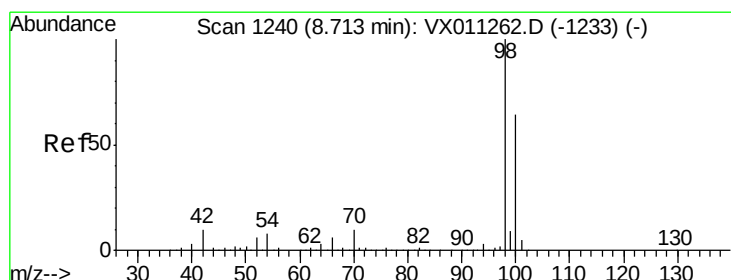
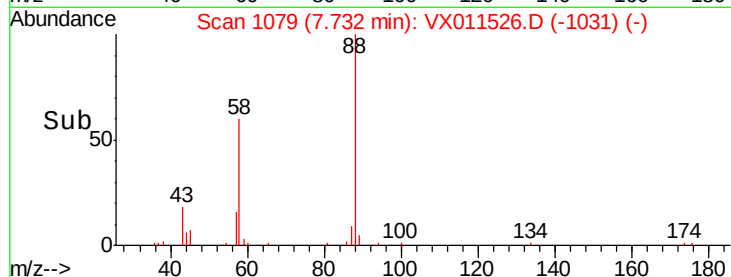
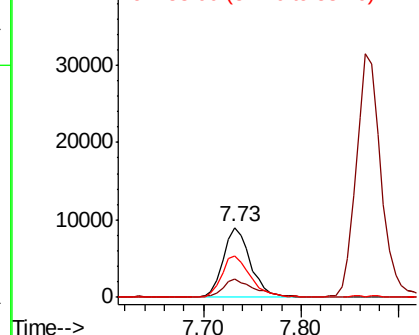
#49
1,4-Dioxane
Concen: 390.217 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 88 Resp: 17418
Ion Ratio Lower Upper
88 100
43 30.5 22.2 33.2
58 63.6 47.8 71.8

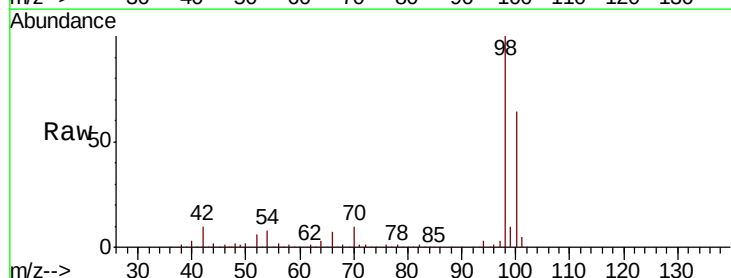


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

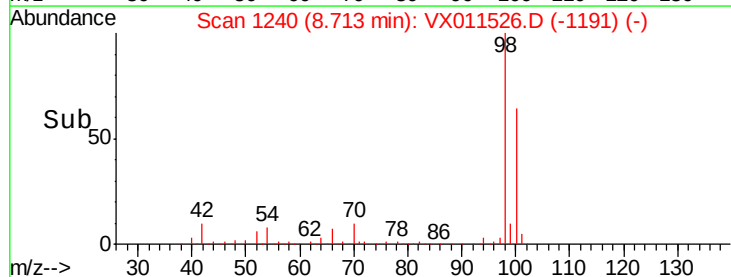
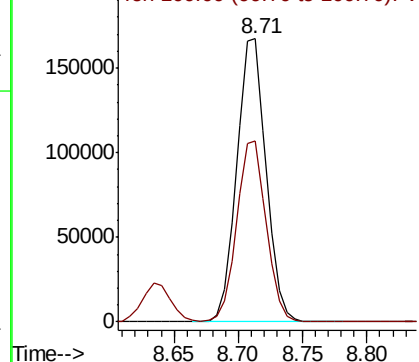


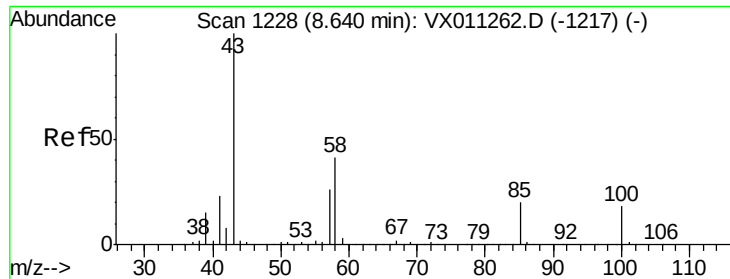
#50
Toluene-d8
Concen: 46.057 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 98 Resp: 265212
Ion Ratio Lower Upper
98 100
100 64.2 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: 102.768 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

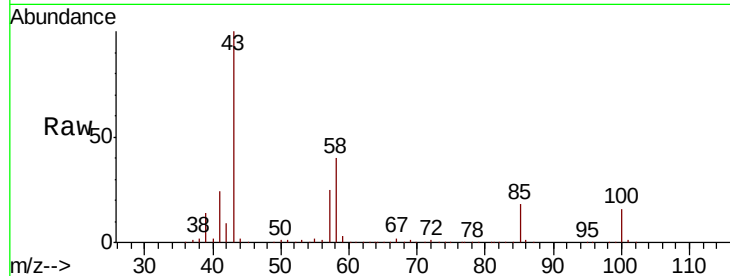
VX0813WBS01

Tgt Ion: 43 Resp: 216984

Ion Ratio Lower Upper

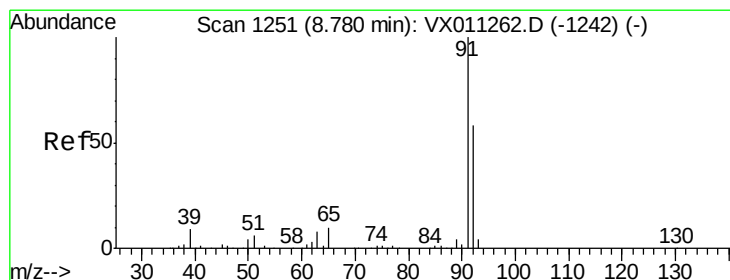
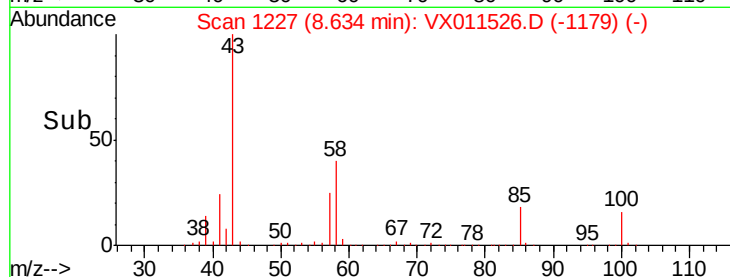
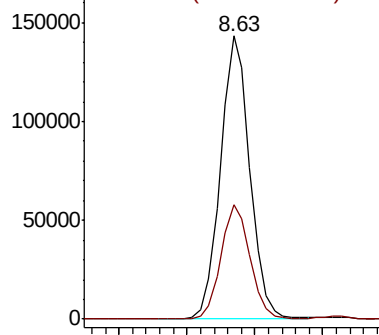
43 100

58 40.2 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.552 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011526.D

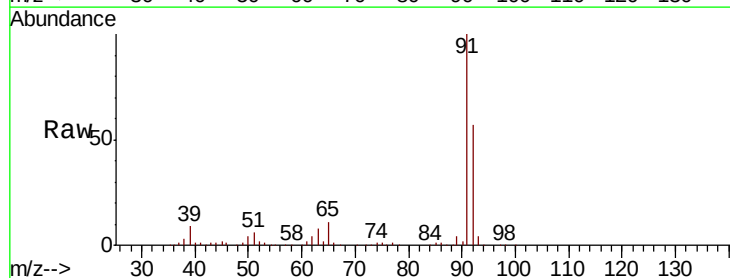
Acq: 13 Aug 2019 11:24

Tgt Ion: 92 Resp: 78699

Ion Ratio Lower Upper

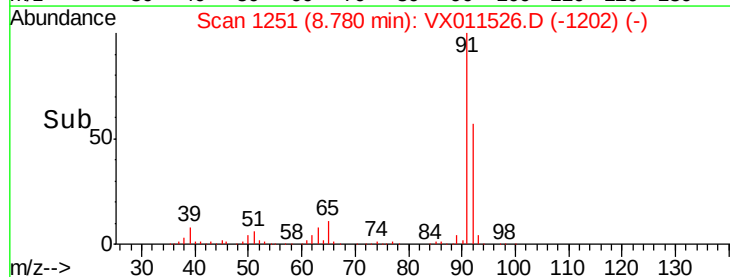
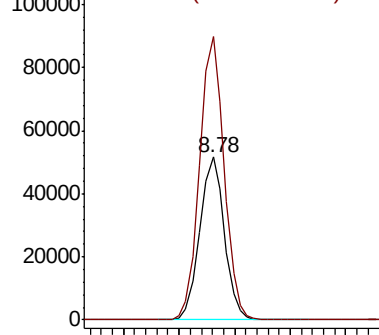
92 100

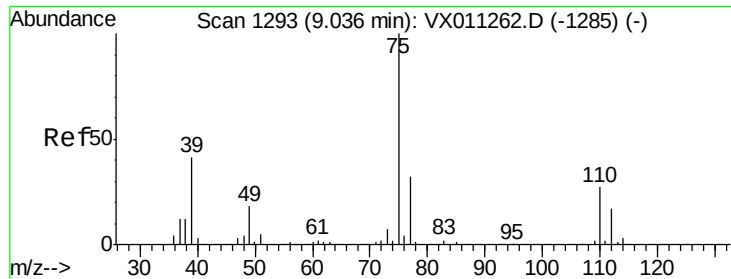
91 174.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

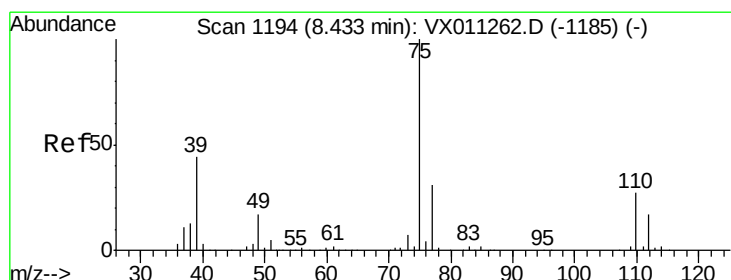
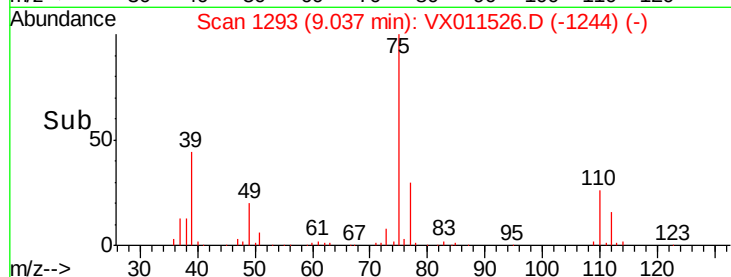
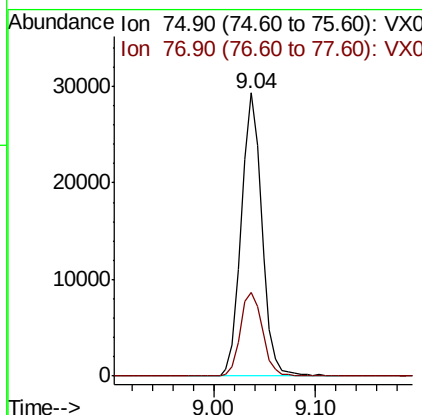
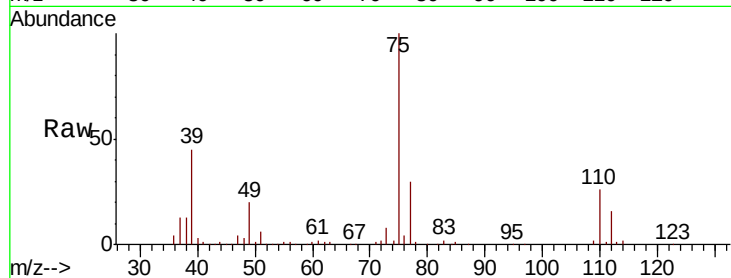




#53
t-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

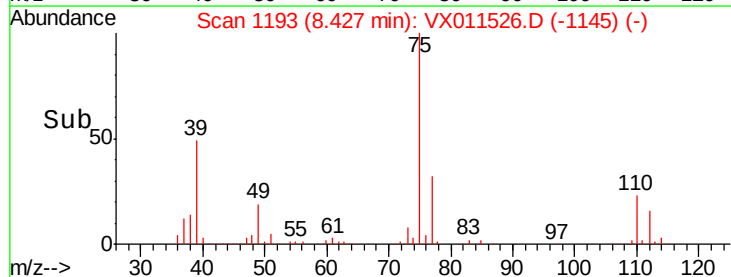
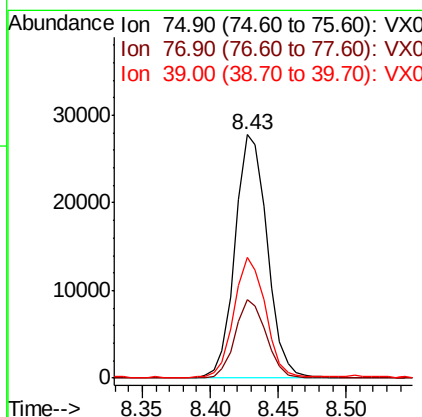
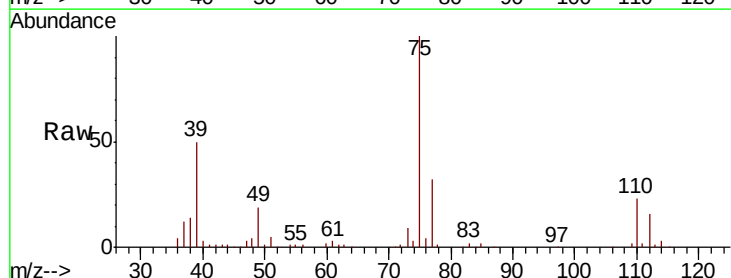
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

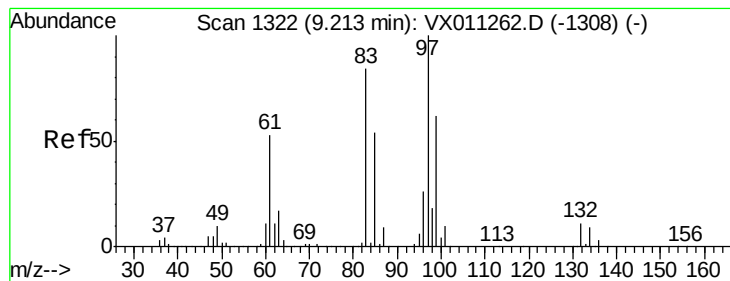
Tgt Ion: 75 Resp: 40947
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.152 ug/l
RT: 8.43 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 75 Resp: 45872
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
39 49.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 19.696 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 97 Resp: 32595

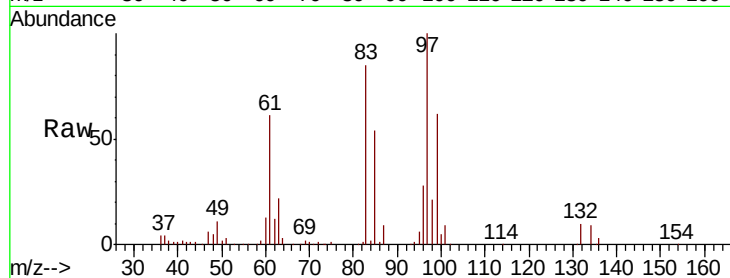
Ion Ratio Lower Upper

97 100

83 85.0 67.6 101.4

85 54.2 43.4 65.0

99 62.4 49.6 74.4

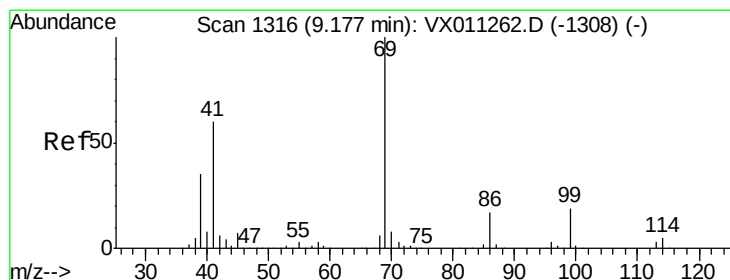
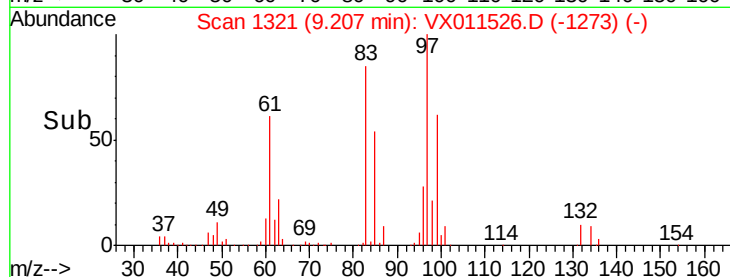
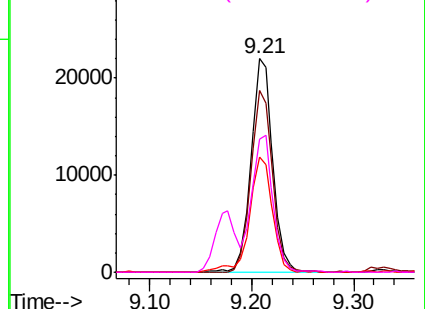


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.214 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

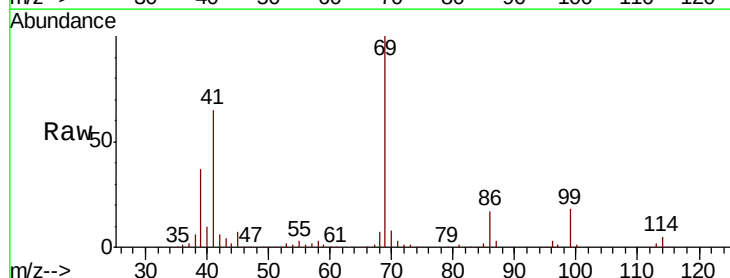
Tgt Ion: 69 Resp: 47671

Ion Ratio Lower Upper

69 100

41 63.0 48.6 73.0

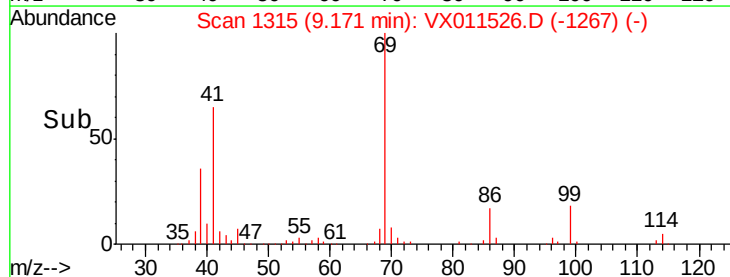
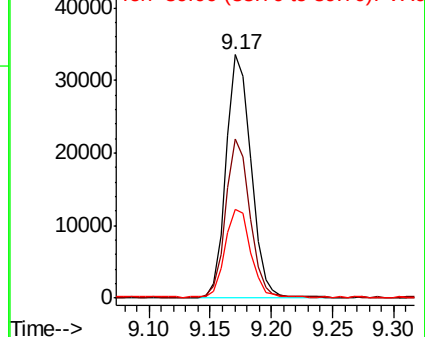
39 36.9 29.4 44.2

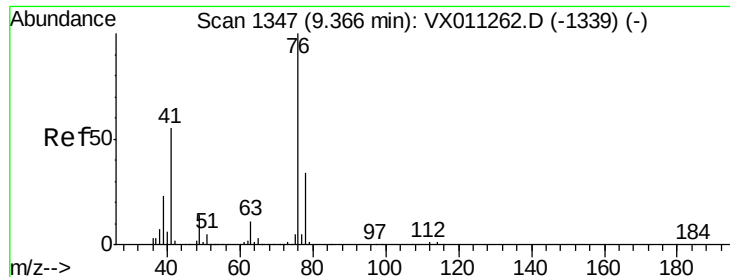


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

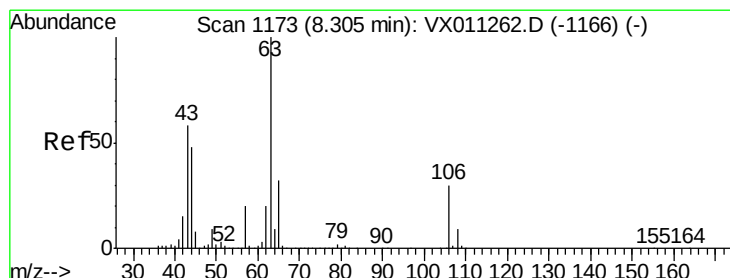
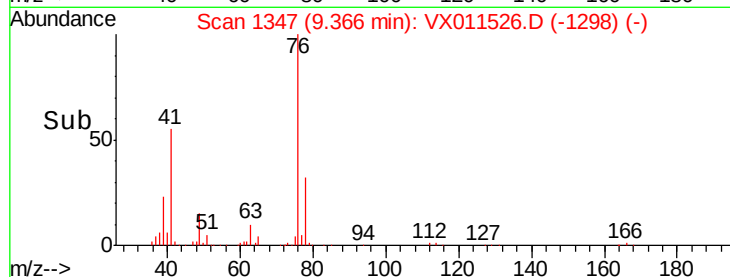
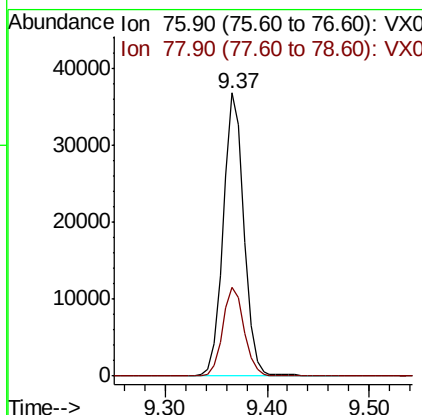
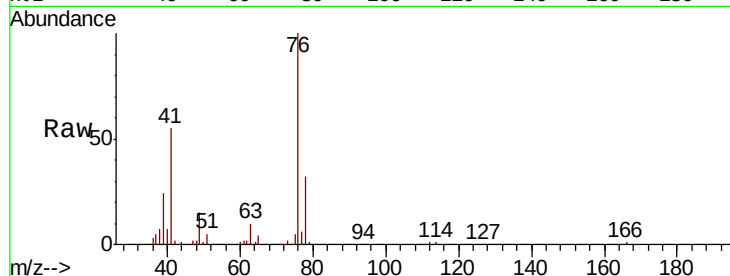




#57
 1,3-Dichloropropane
 Concen: 19.766 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

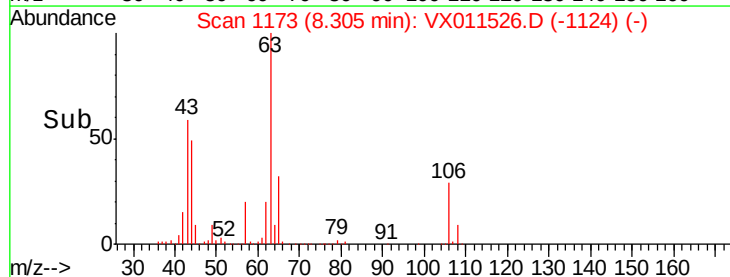
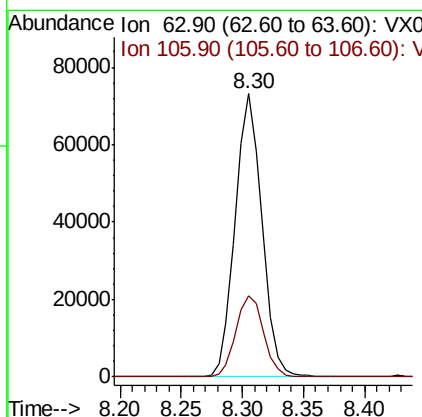
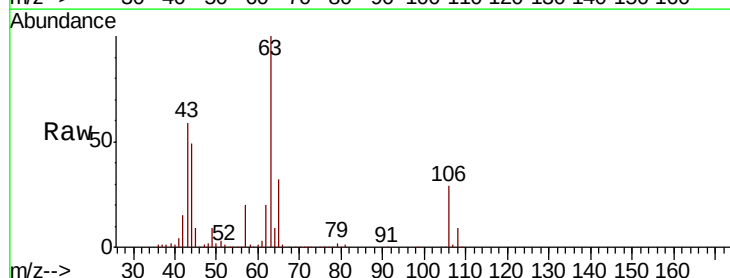
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

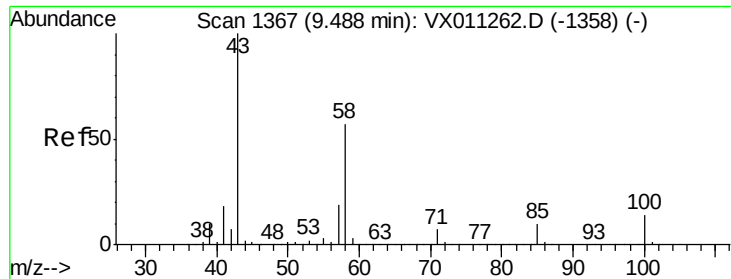
Tgt Ion: 76 Resp: 51733
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.602 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 63 Resp: 110858
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.4 36.6

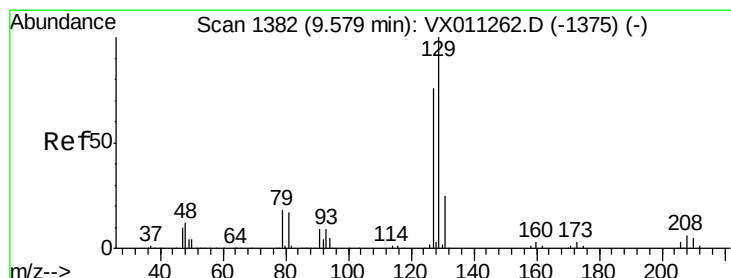
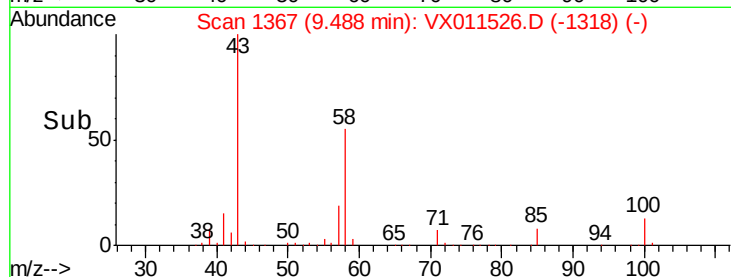
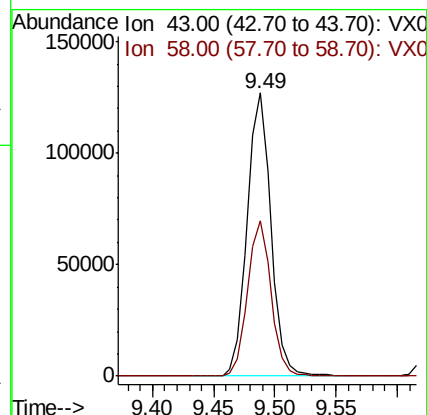
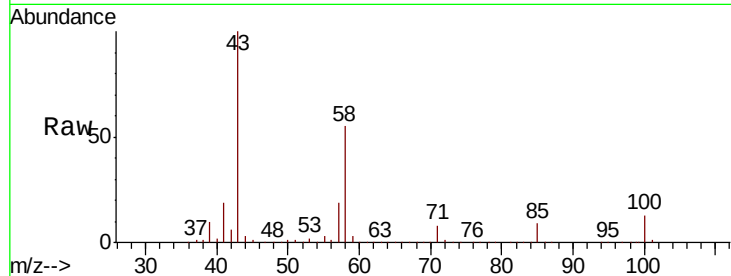




#59
2-Hexanone
Concen: 104.347 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

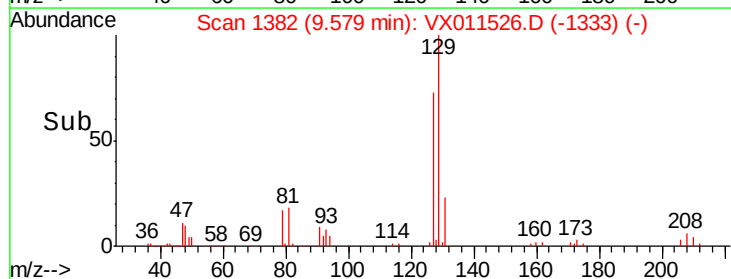
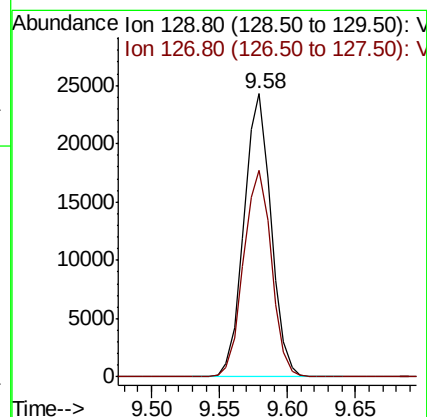
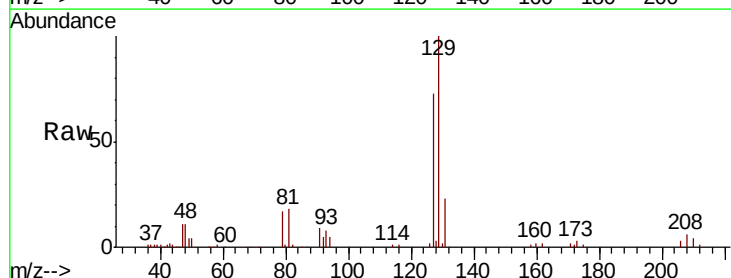
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

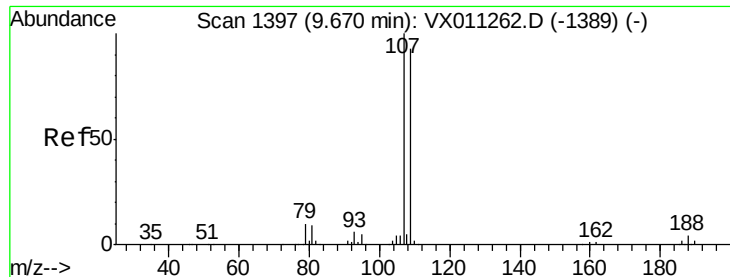
Tgt Ion: 43 Resp: 170651
Ion Ratio Lower Upper
43 100
58 54.6 28.2 84.6



#60
Dibromochloromethane
Concen: 19.980 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 129 Resp: 33853
Ion Ratio Lower Upper
129 100
127 75.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.881 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

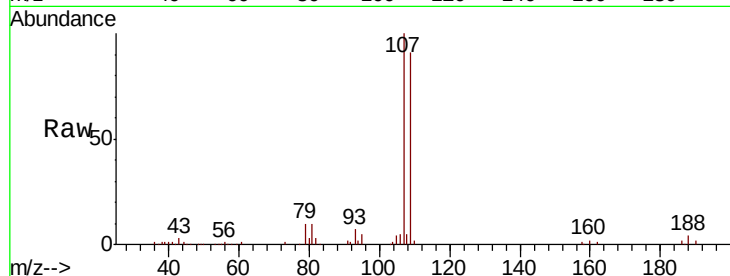
VX0813WBS01

Tgt Ion: 107 Resp: 35546

Ion Ratio Lower Upper

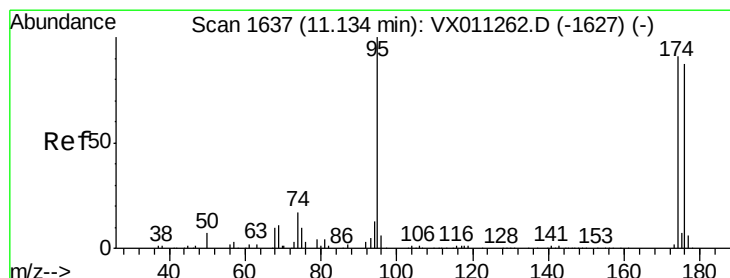
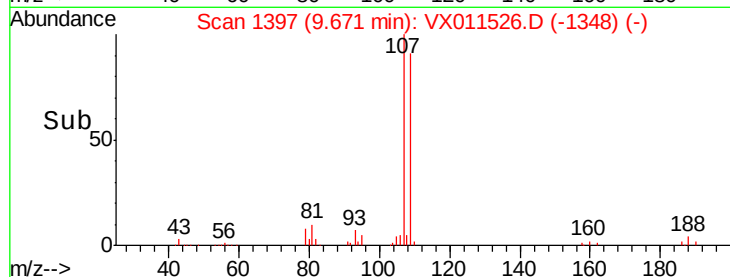
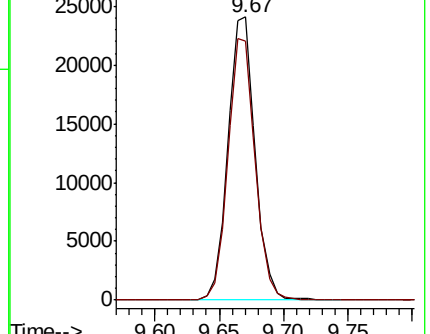
107 100

109 92.5 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: 48.752 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

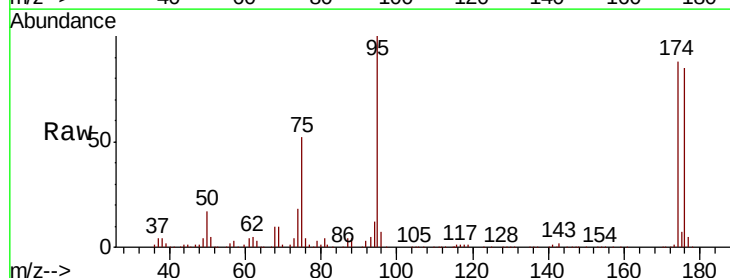
Tgt Ion: 95 Resp: 100230

Ion Ratio Lower Upper

95 100

174 88.8 0.0 191.2

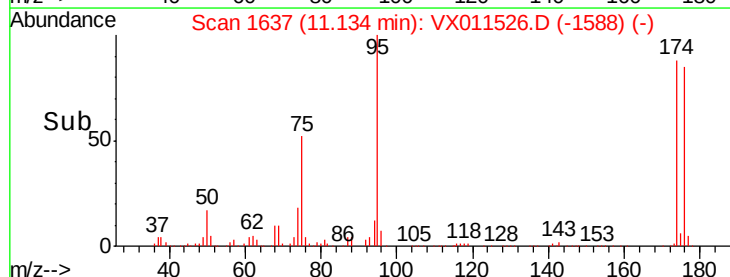
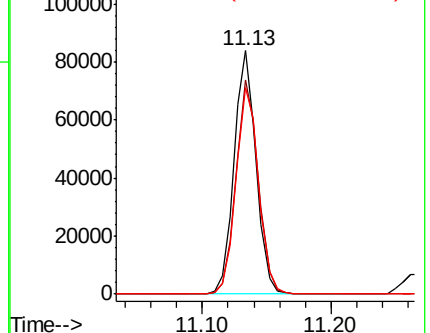
176 87.3 0.0 184.8

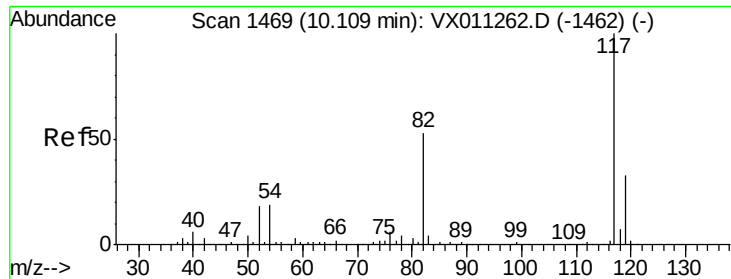


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

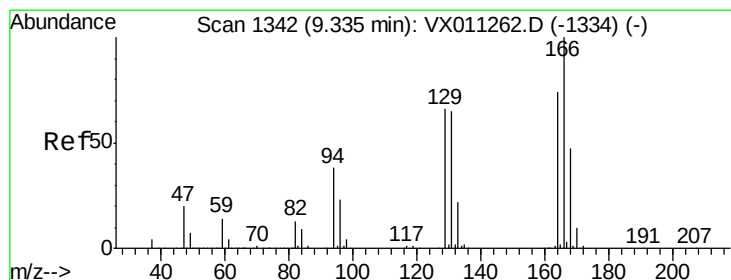
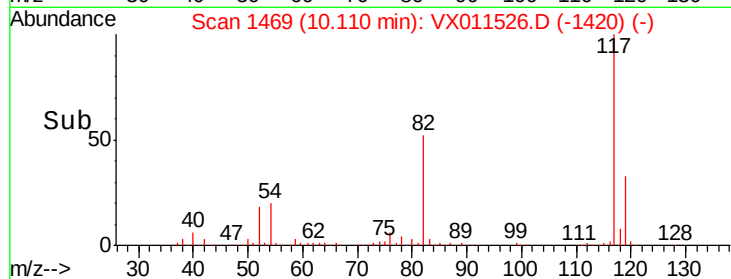
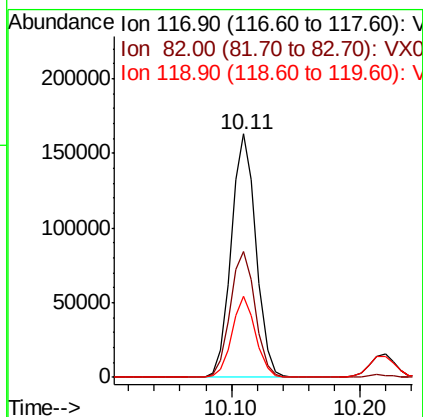
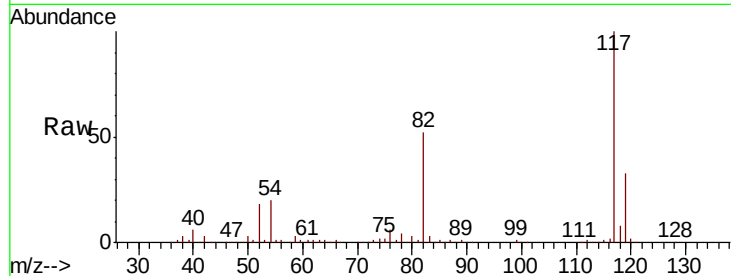




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

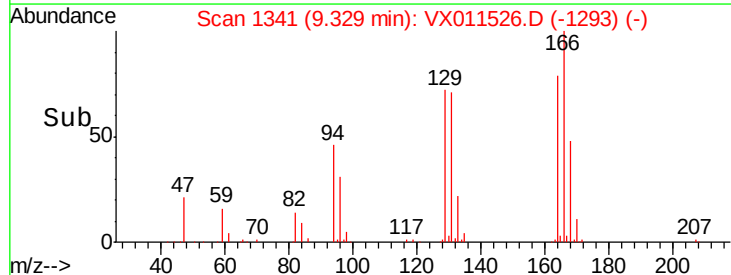
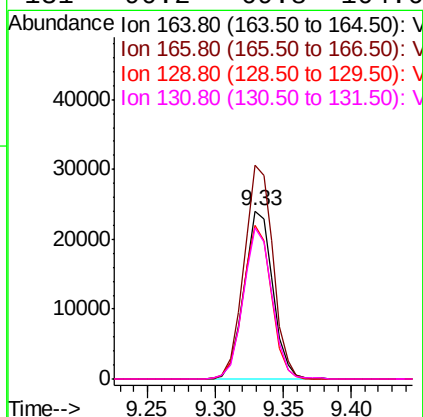
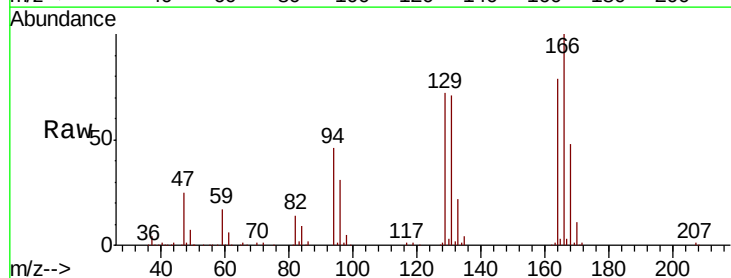
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

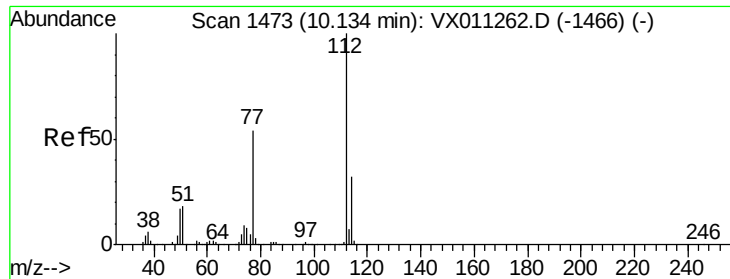
Tgt Ion:117 Resp: 219071
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 33.4 26.6 39.8



#64
Tetrachloroethene
Concen: 19.050 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion:164 Resp: 35442
Ion Ratio Lower Upper
164 100
166 127.3 107.5 161.3
129 91.3 71.0 106.4
131 90.2 69.8 104.6

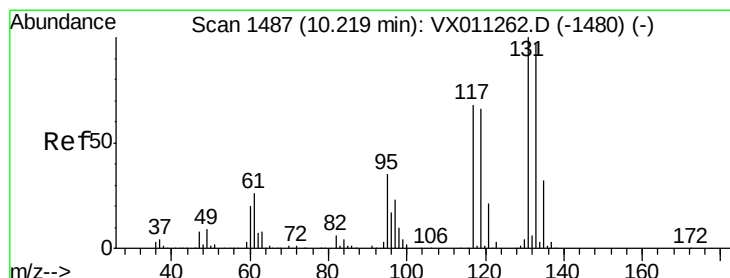
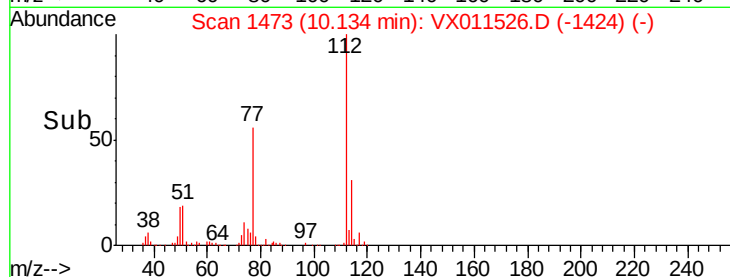
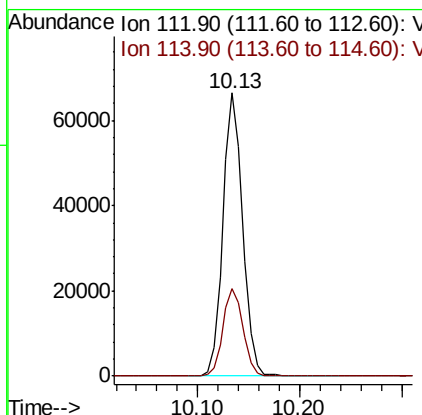
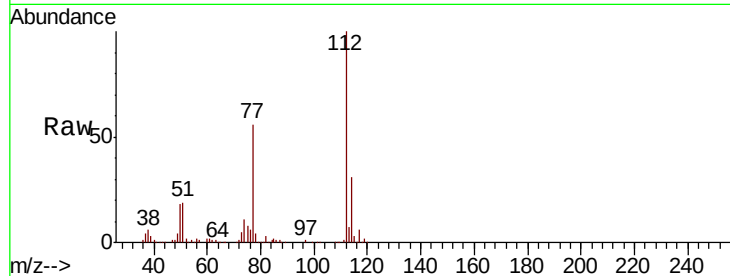




#65
Chlorobenzene
Concen: 18.975 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

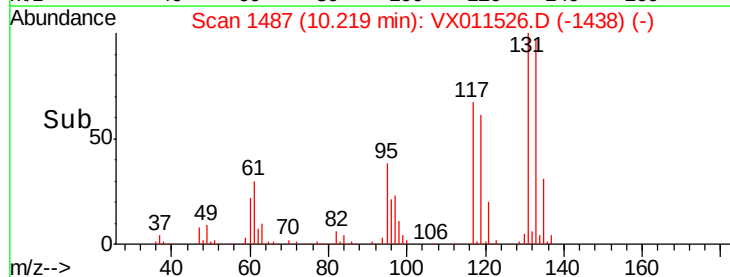
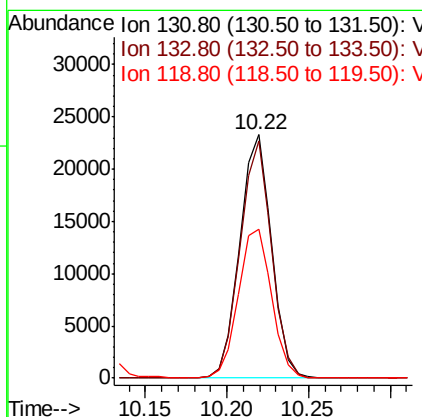
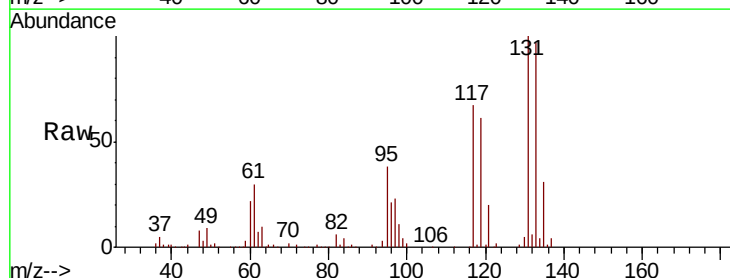
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

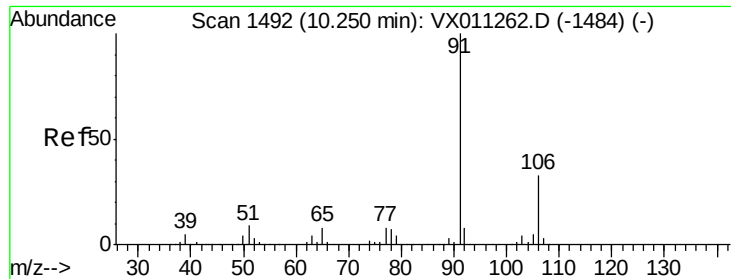
Tgt Ion:112 Resp: 89130
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.617 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion:131 Resp: 31546
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 64.7 32.8 98.3

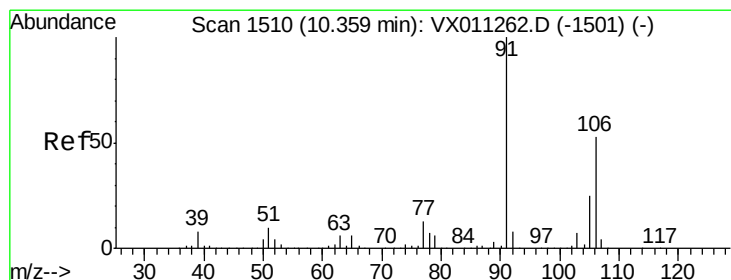
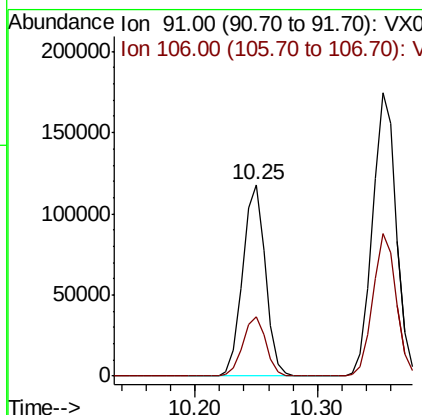
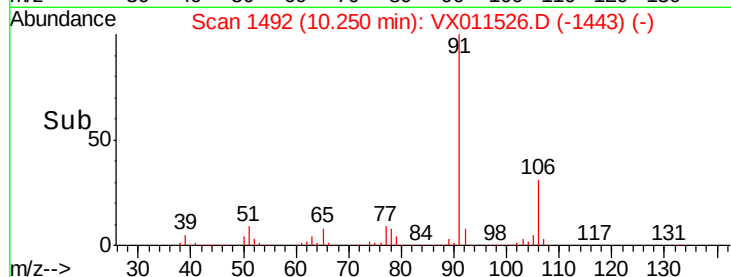
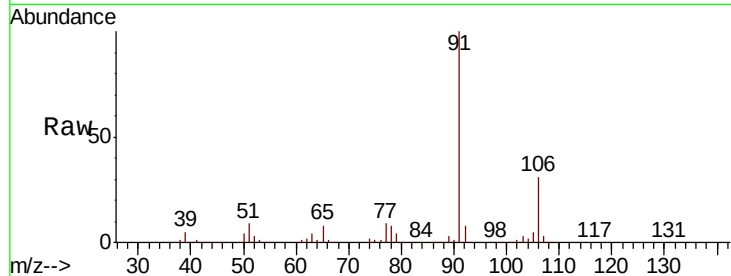




#67
Ethyl Benzene
Concen: 19.288 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

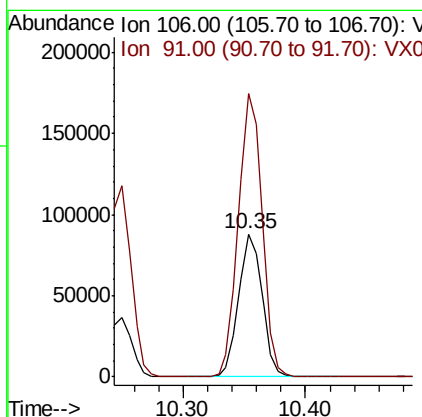
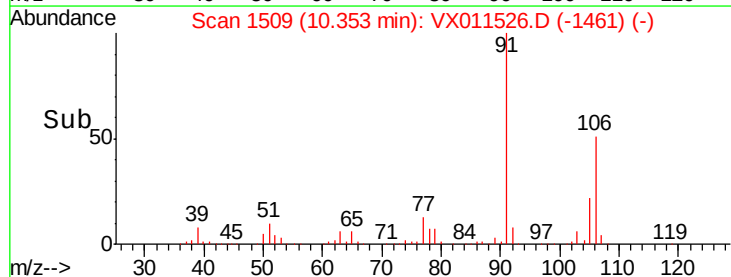
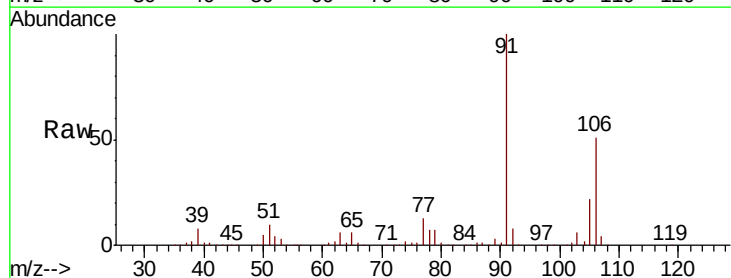
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

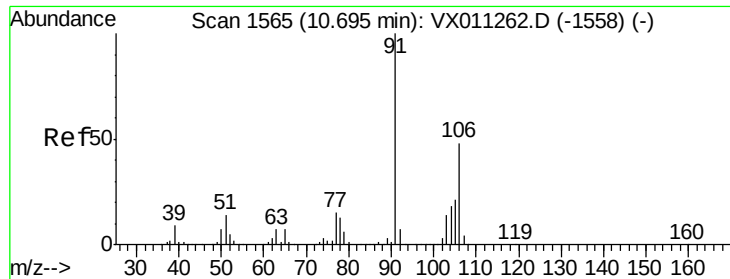
Tgt Ion: 91 Resp: 151730
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.4



#68
m/p-Xylenes
Concen: 38.449 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 106 Resp: 116993
Ion Ratio Lower Upper
106 100
91 200.4 155.9 233.9

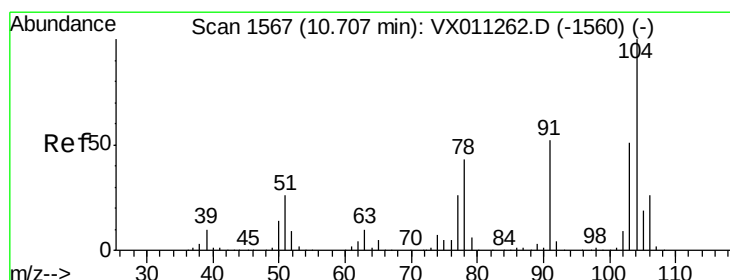
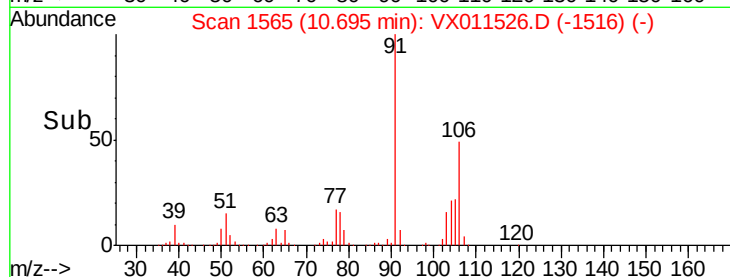
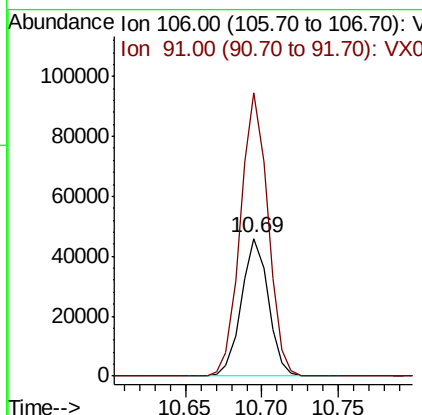
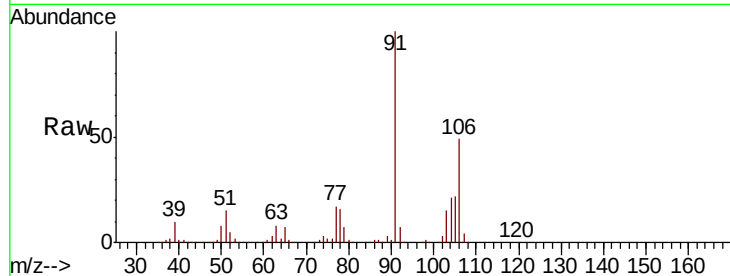




#69
o-Xylene
Concen: 18.843 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

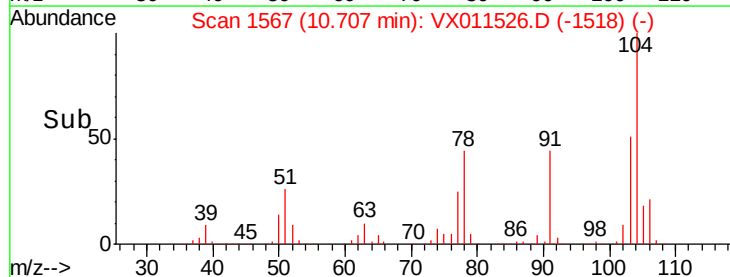
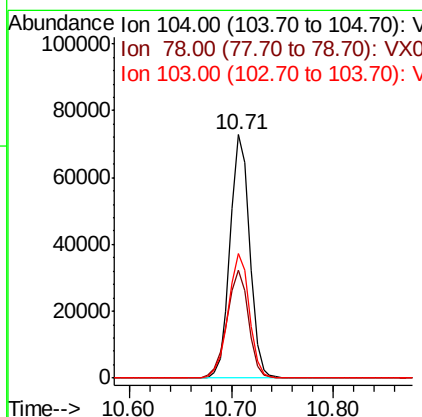
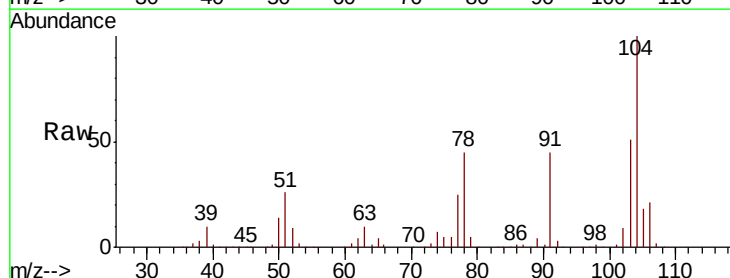
Instrument :
MSVOA_X
ClientSampled :
VX0813WBS01

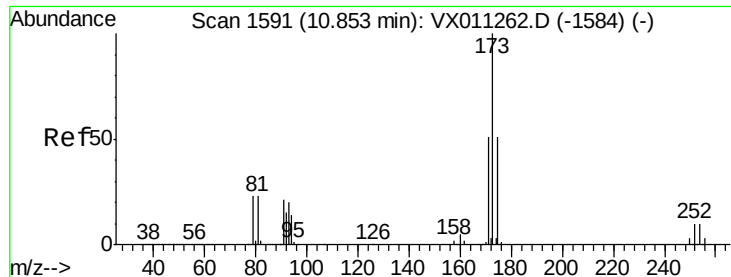
Tgt Ion:106 Resp: 56333
Ion Ratio Lower Upper
106 100
91 210.0 103.8 311.3



#70
Styrene
Concen: 19.533 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion:104 Resp: 96627
Ion Ratio Lower Upper
104 100
78 48.7 36.9 55.3
103 55.1 44.4 66.6





#71

Bromoform

Concen: 18.139 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

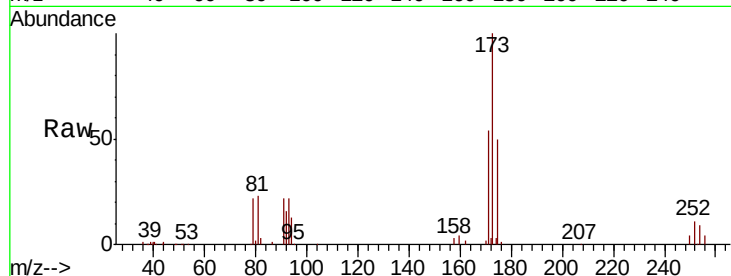
Tgt Ion:173 Resp: 23326

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.4

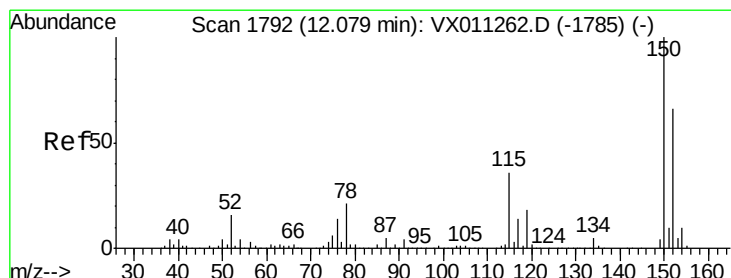
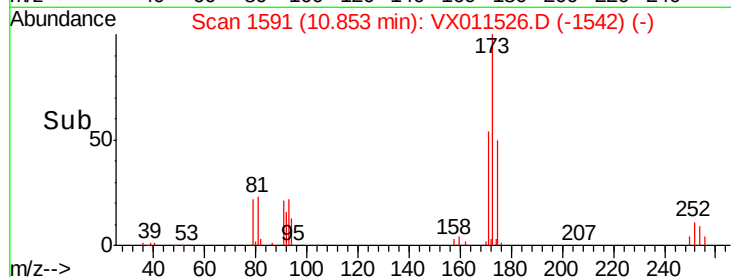
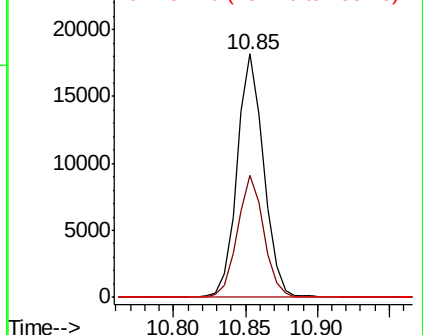
254 0.0 0.2 0.2#



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: VX011526.D

Acq: 13 Aug 2019 11:24

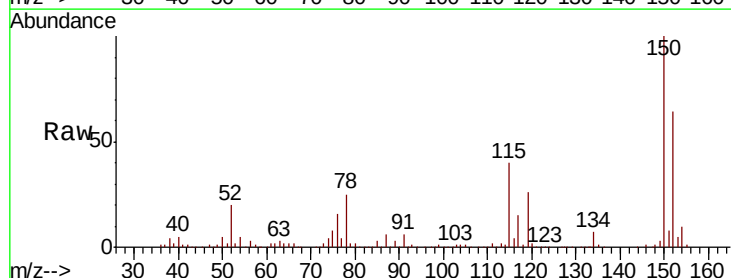
Tgt Ion:152 Resp: 116698

Ion Ratio Lower Upper

152 100

115 67.0 40.0 119.9

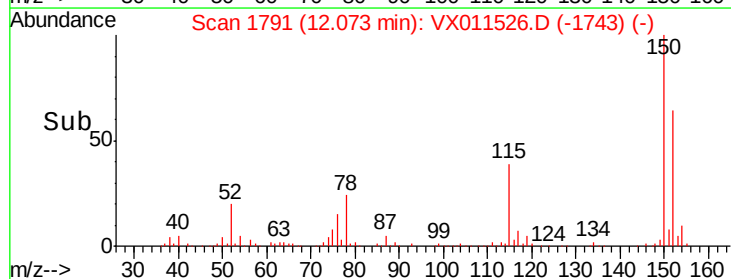
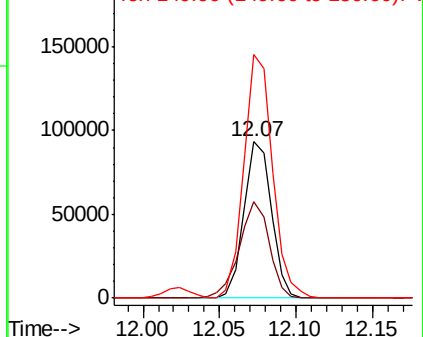
150 162.0 0.0 350.4

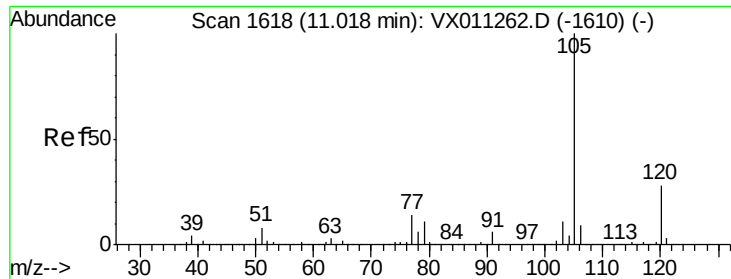


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.539 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

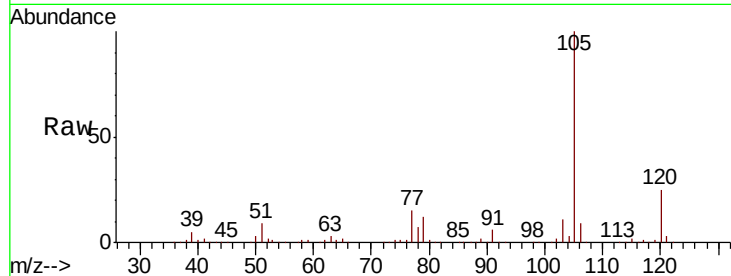
VX0813WBS01

Tgt Ion: 105 Resp: 155947

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

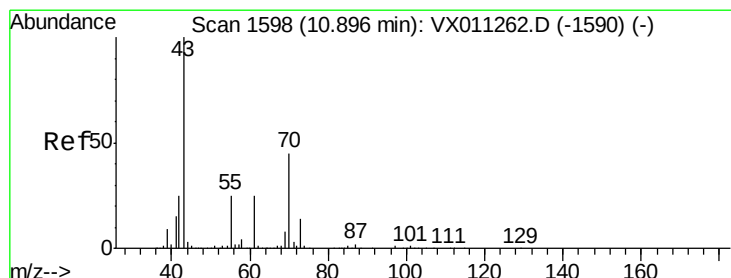
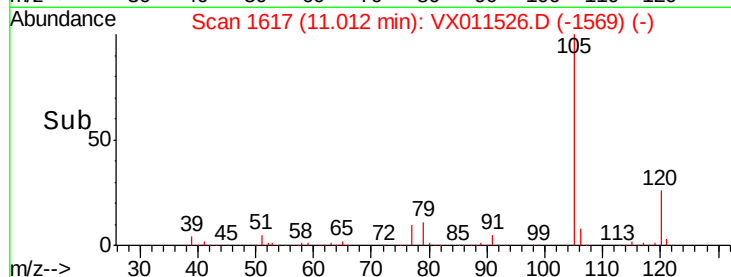
100000

50000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-amyl acetate

Concen: 19.729 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Tgt Ion: 43 Resp: 56896

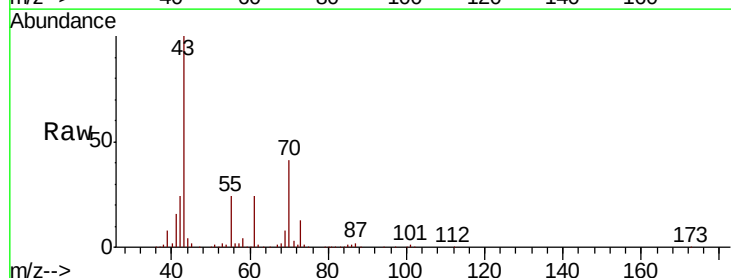
Ion Ratio Lower Upper

43 100

70 44.5 35.9 53.9

55 25.5 19.8 29.6

61 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

60000

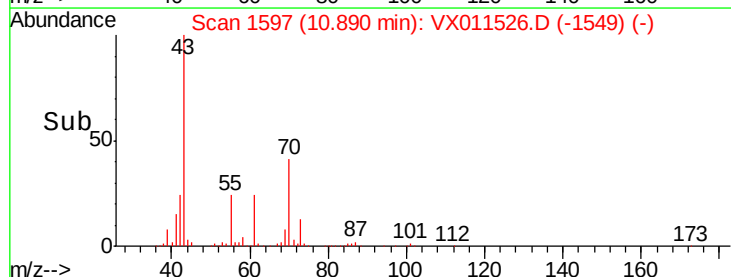
40000

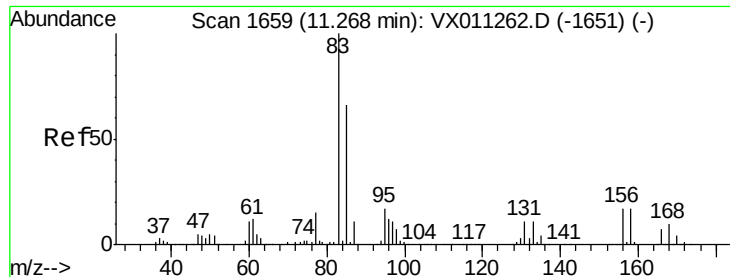
20000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.437 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0813WBS01

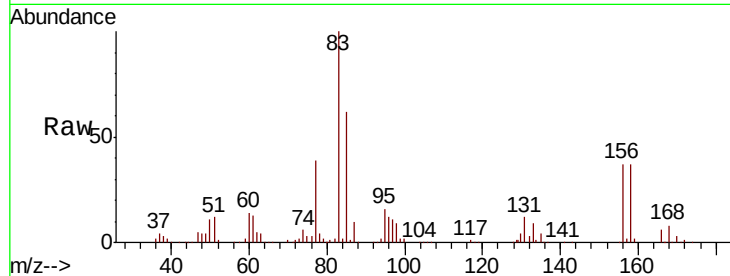
Tgt Ion: 83 Resp: 51698

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

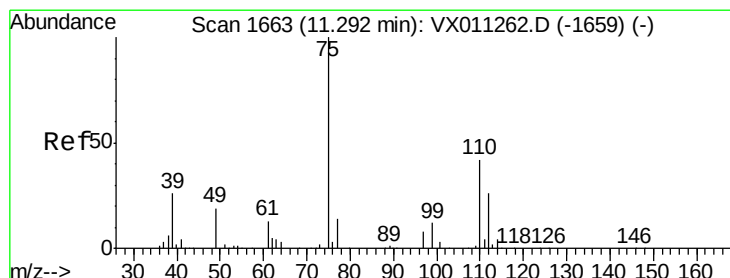
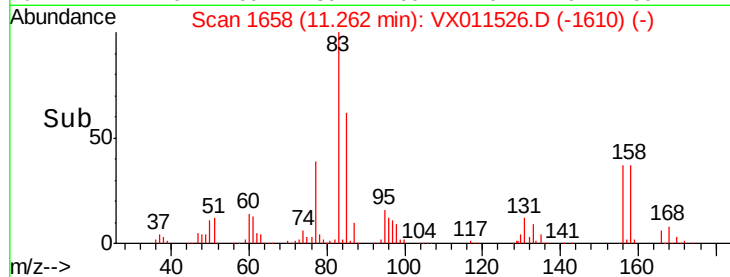
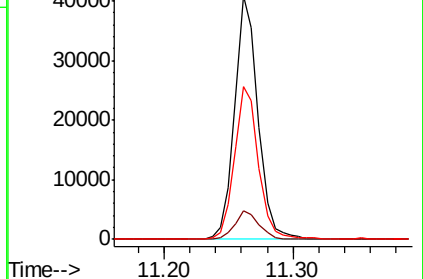
85 64.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.791 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011526.D

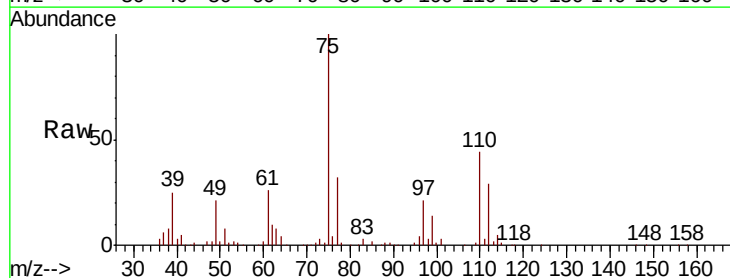
Acq: 13 Aug 2019 11:24

Tgt Ion: 75 Resp: 52687

Ion Ratio Lower Upper

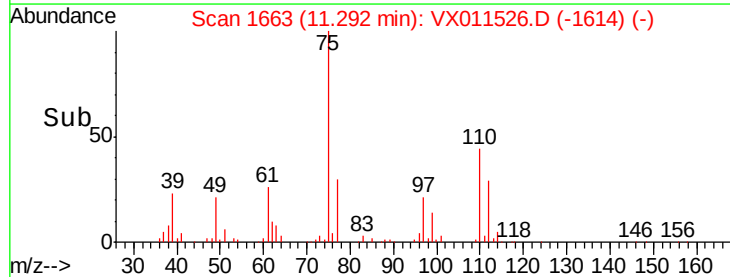
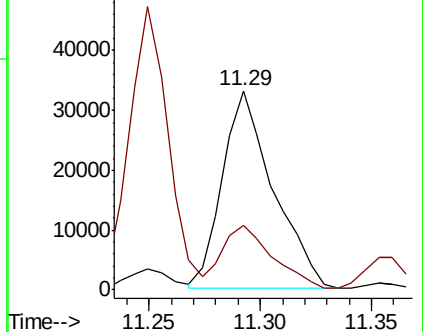
75 100

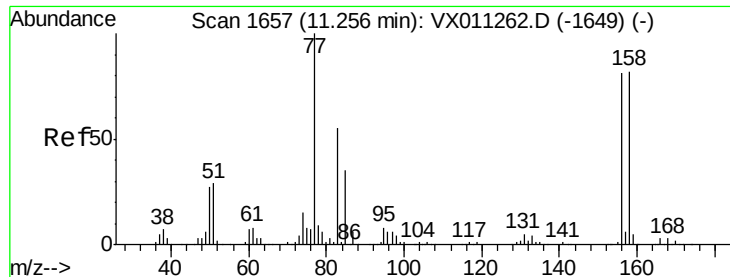
77 33.0 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.671 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

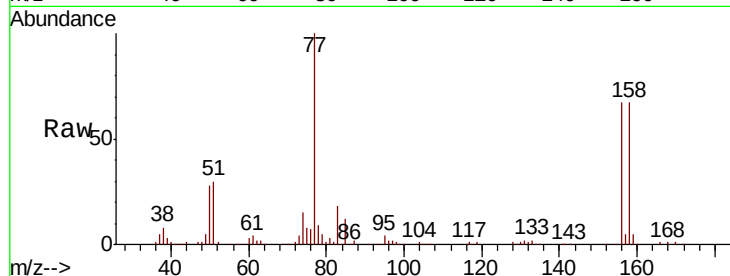
Tgt Ion:156 Resp: 41322

Ion Ratio Lower Upper

156 100

77 140.8 66.2 198.6

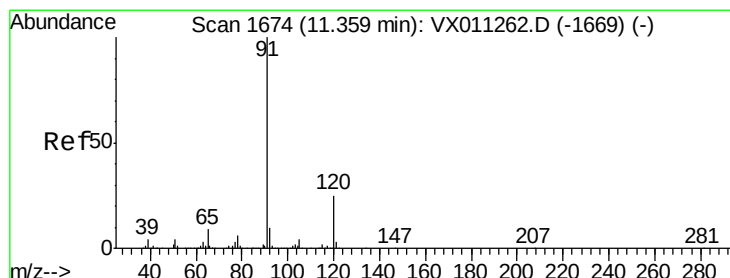
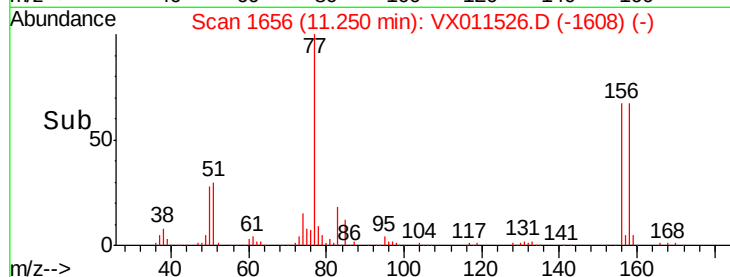
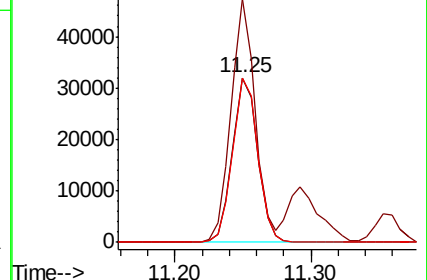
158 99.5 49.1 147.3



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: 19.481 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011526.D

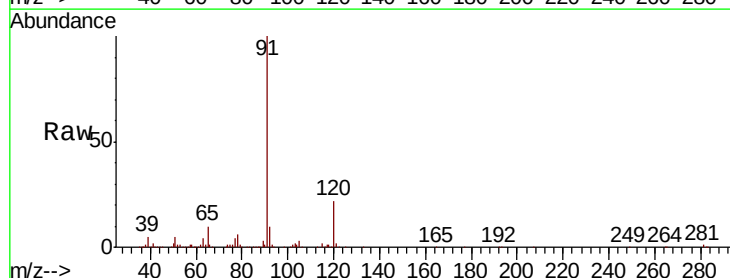
Acq: 13 Aug 2019 11:24

Tgt Ion: 91 Resp: 172911

Ion Ratio Lower Upper

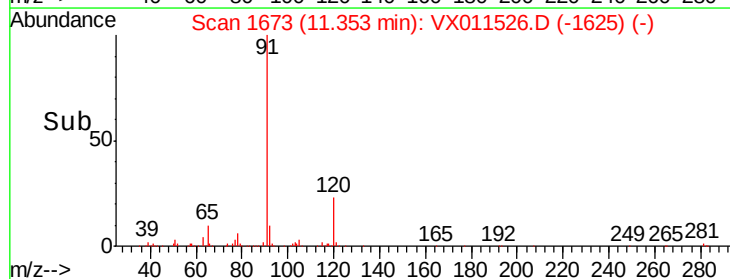
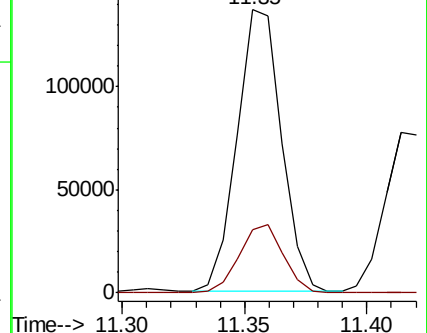
91 100

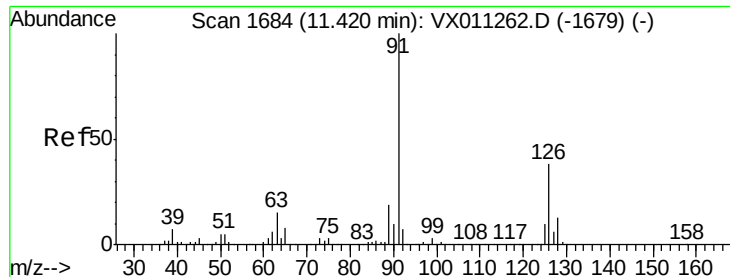
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.676 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

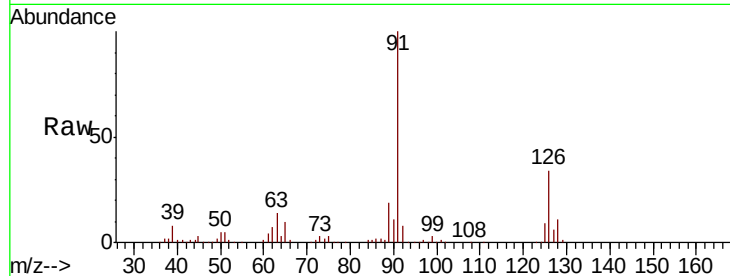
VX0813WBS01

Tgt Ion: 91 Resp: 104091

Ion Ratio Lower Upper

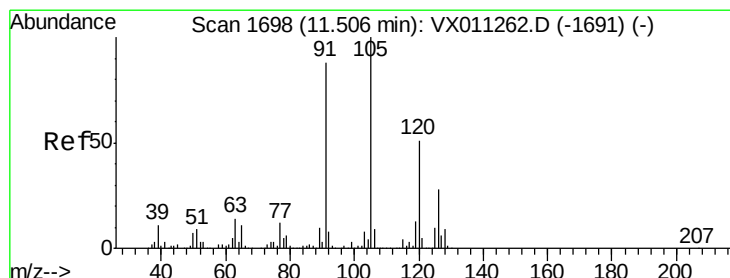
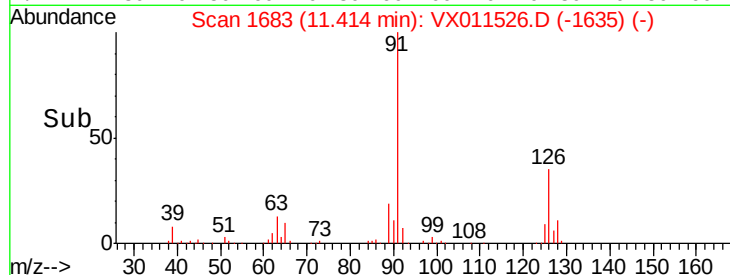
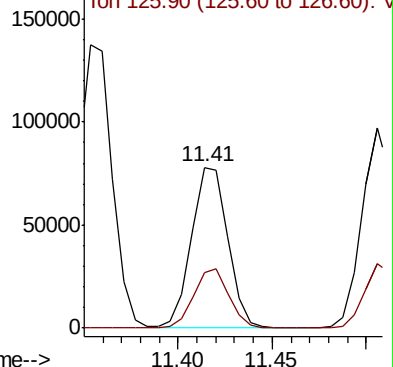
91 100

126 35.6 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: 19.790 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011526.D

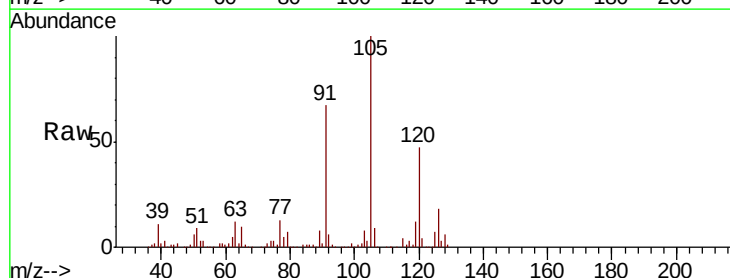
Acq: 13 Aug 2019 11:24

Tgt Ion: 105 Resp: 132219

Ion Ratio Lower Upper

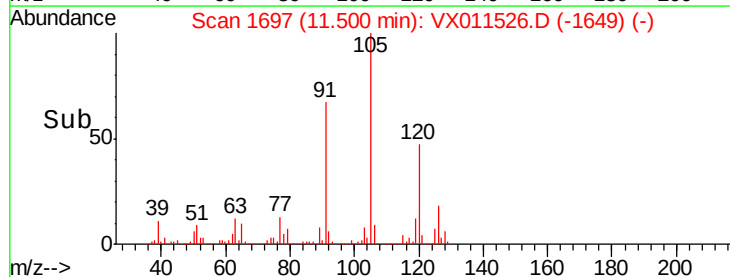
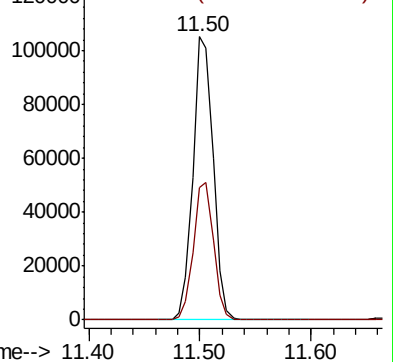
105 100

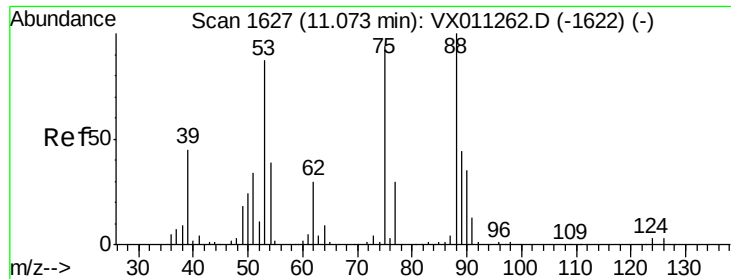
120 48.5 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

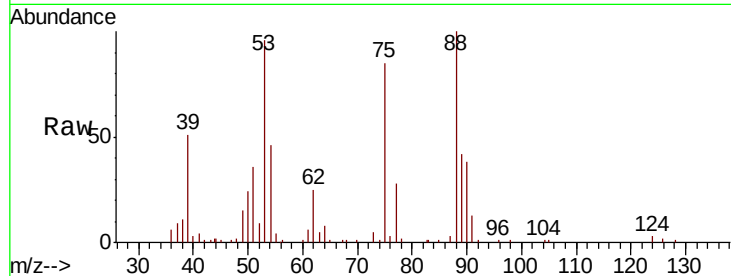




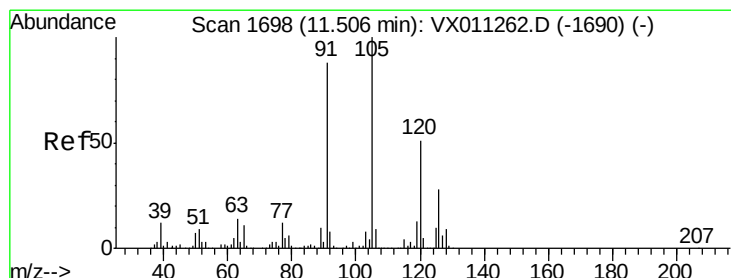
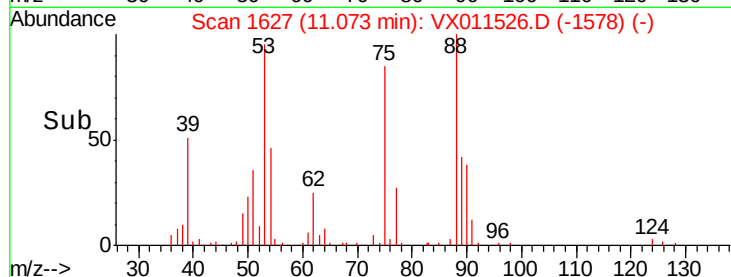
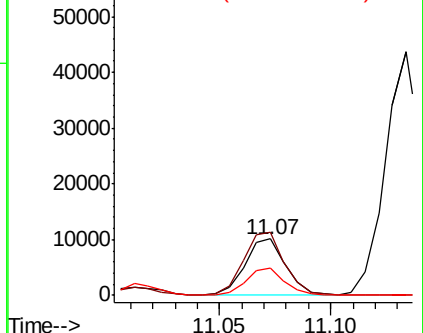
#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.183 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Tgt Ion: 75 Resp: 12825
 Ion Ratio Lower Upper
 75 100
 53 114.3 78.2 117.4
 89 47.7 37.9 56.9

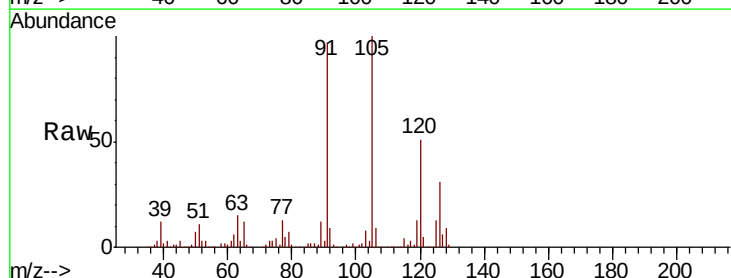


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 88.90 (88.60 to 89.60): VX0

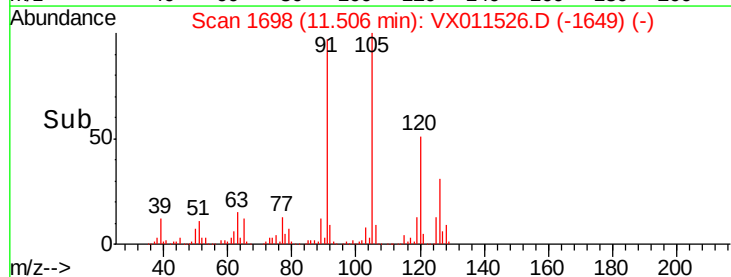
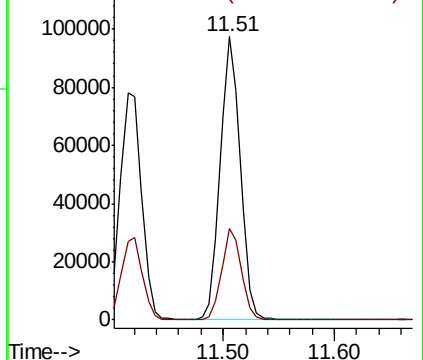


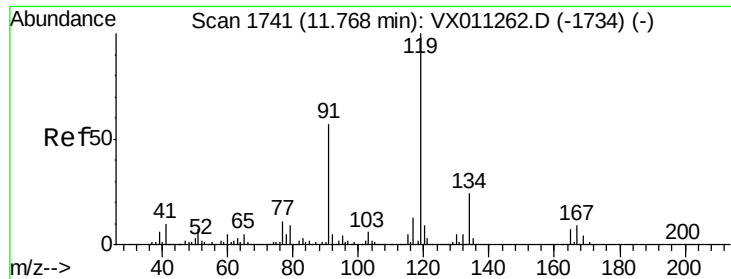
#82
 4-Chlorotoluene
 Concen: 19.651 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion: 91 Resp: 121155
 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

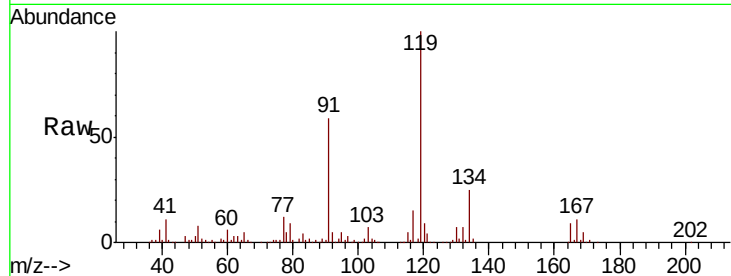




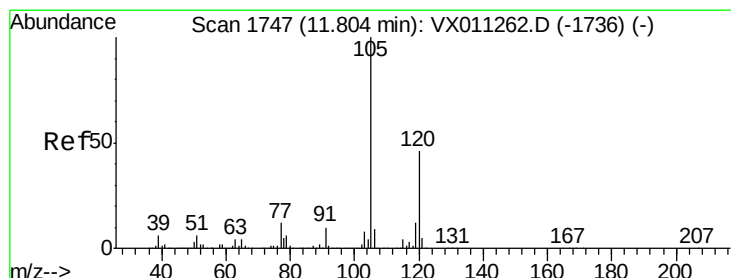
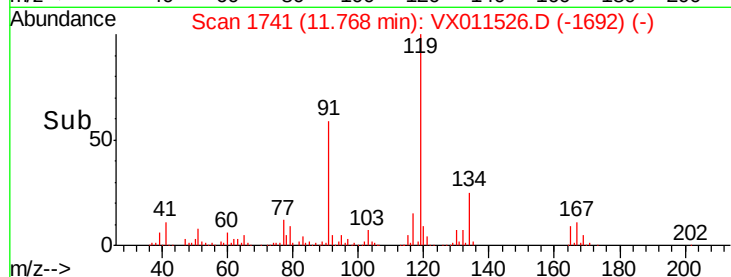
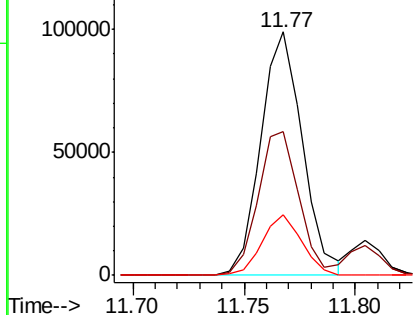
#83
 tert-Butylbenzene
 Concen: 19.648 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0813WBS01

Tgt Ion:119 Resp: 128749
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.0 84.0
 134 23.6 11.9 35.5

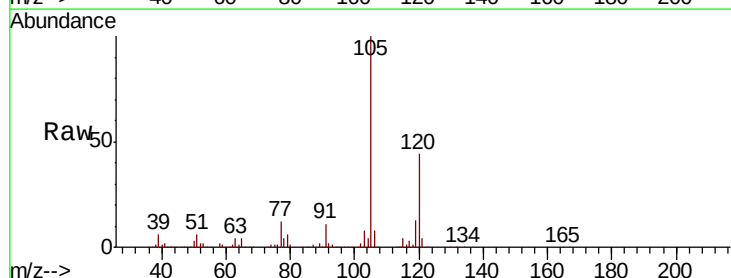


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

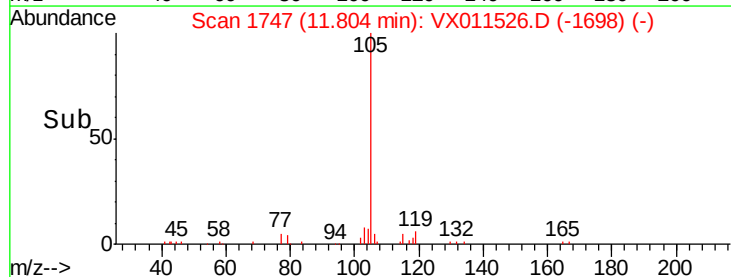
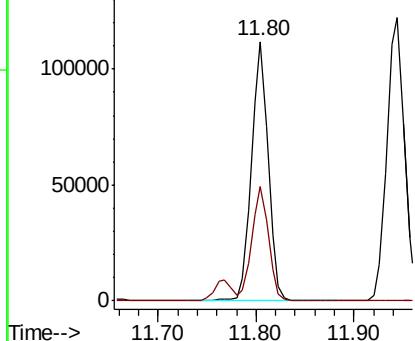


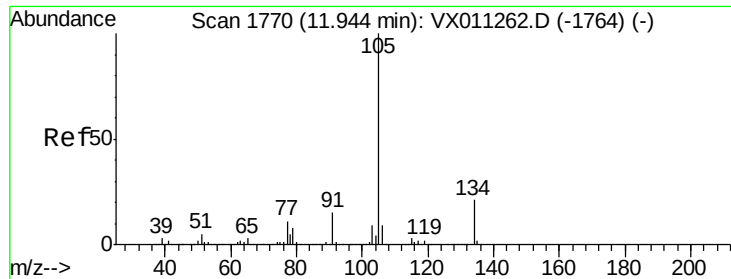
#84
 1,2,4-Trimethylbenzene
 Concen: 19.985 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion:105 Resp: 132942
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

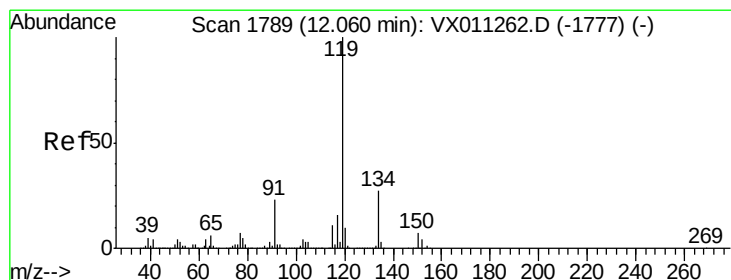
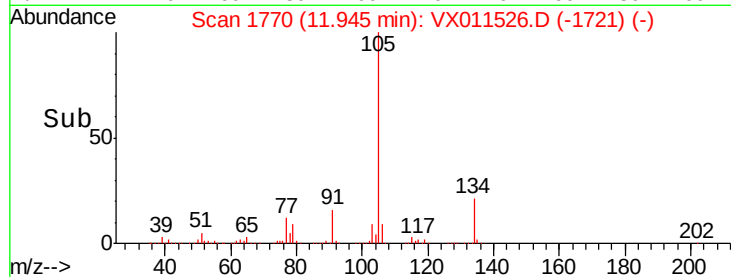
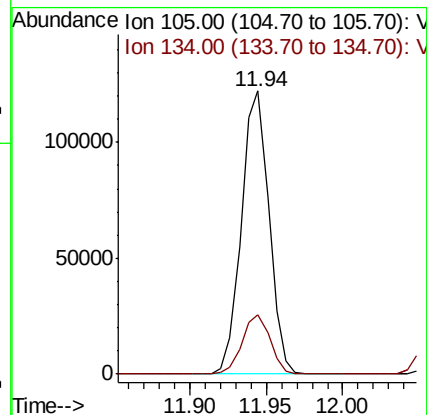
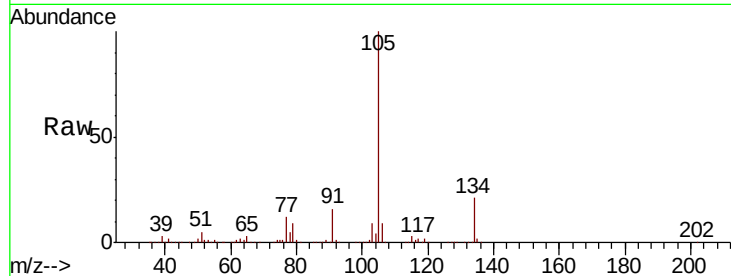
VX0813WBS01

Tgt Ion:105 Resp: 152447

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

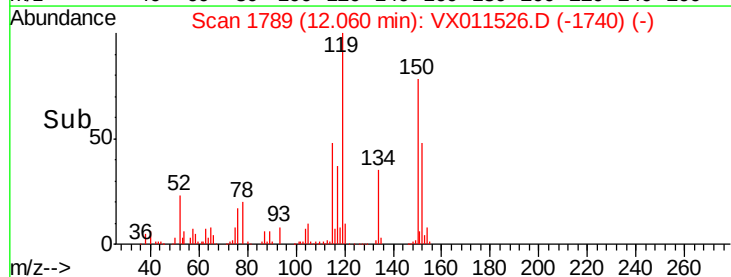
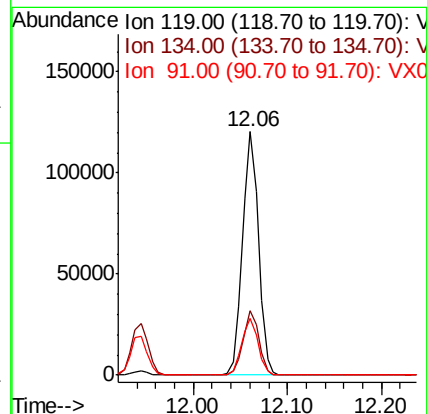
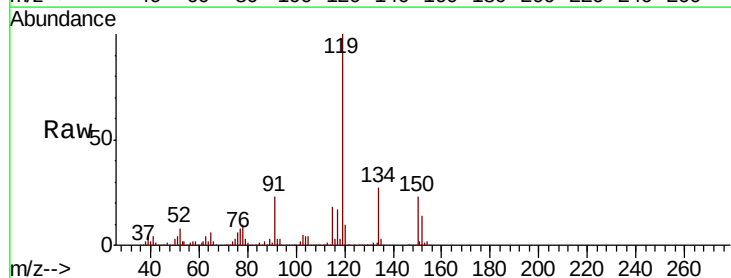
Tgt Ion:119 Resp: 142091

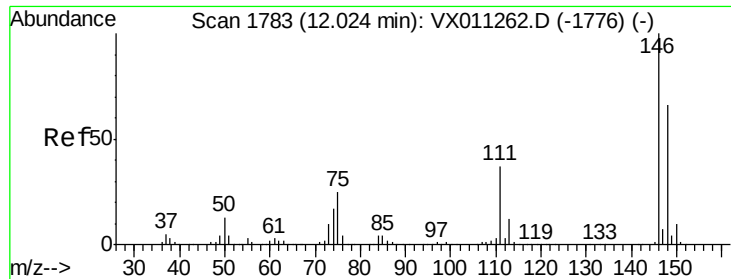
Ion Ratio Lower Upper

119 100

134 26.4 13.7 41.0

91 23.7 11.4 34.2

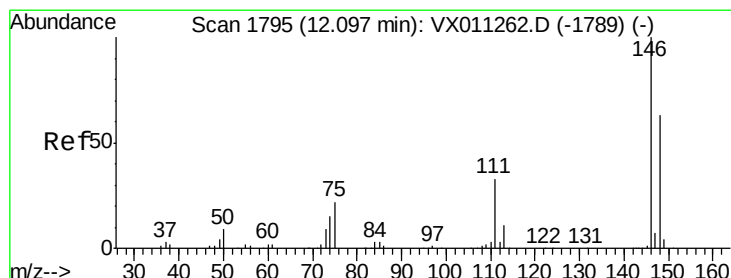
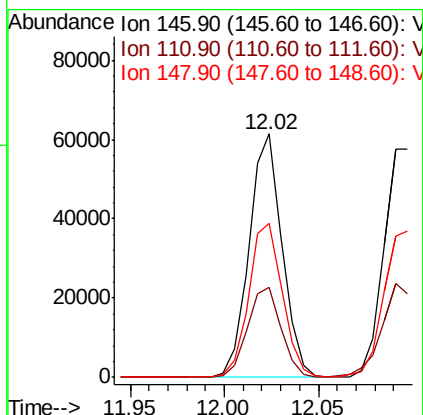
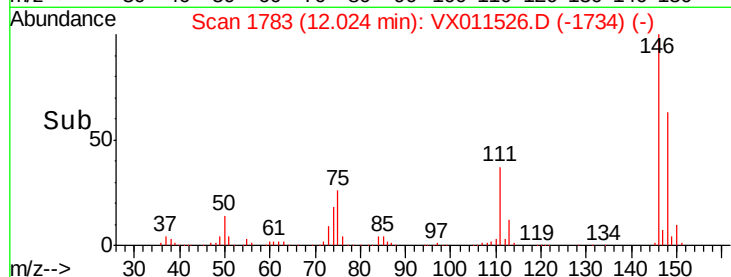
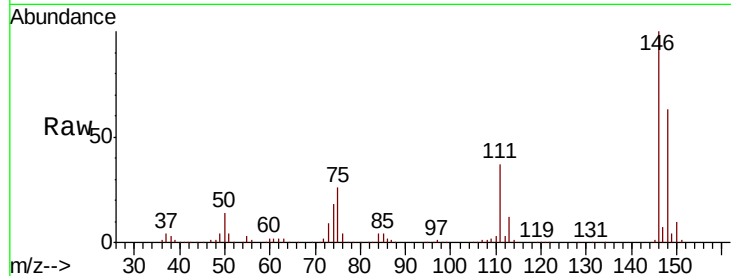




#87
 1,3-Dichlorobenzene
 Concen: 19.070 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

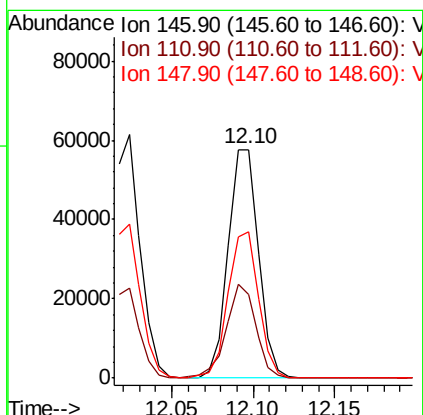
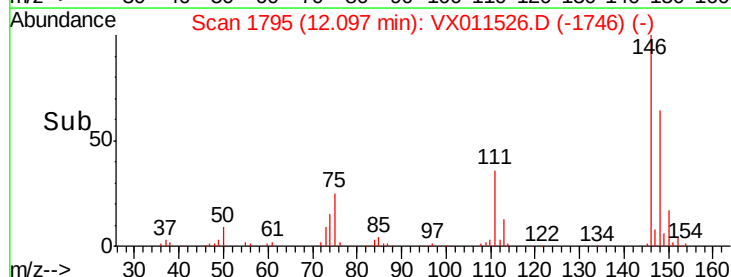
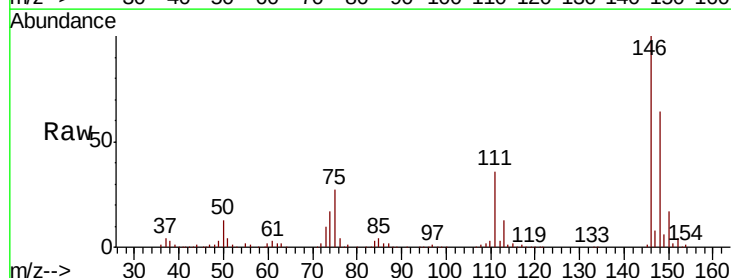
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

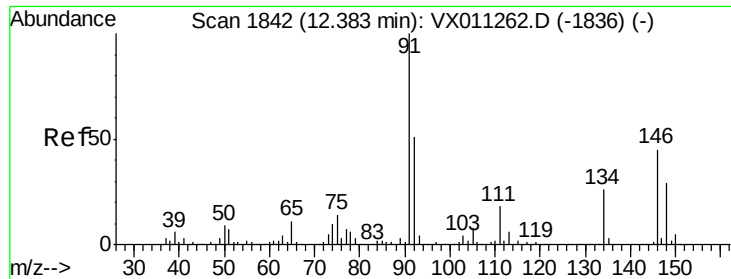
Tgt Ion:146 Resp: 74574
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.557 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion:146 Resp: 74830
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.8 53.4
 148 64.3 31.8 95.3

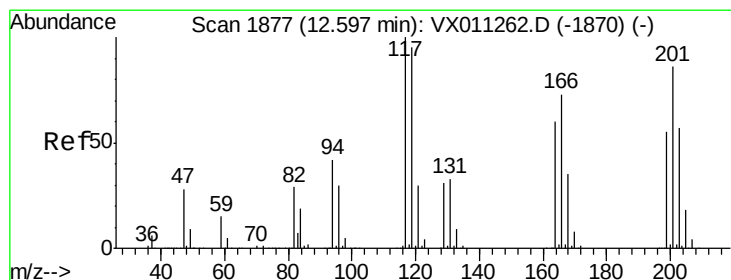
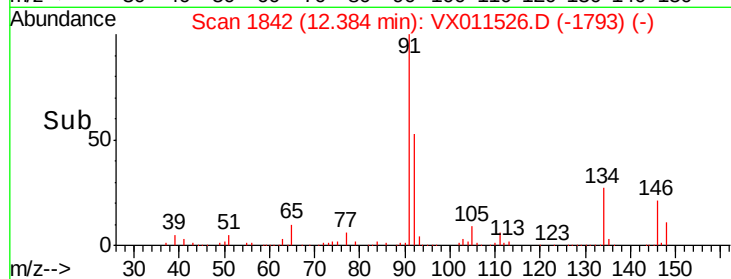
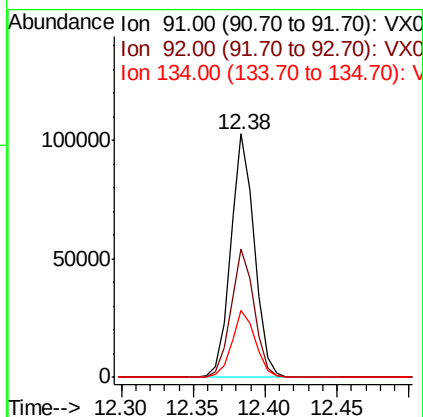
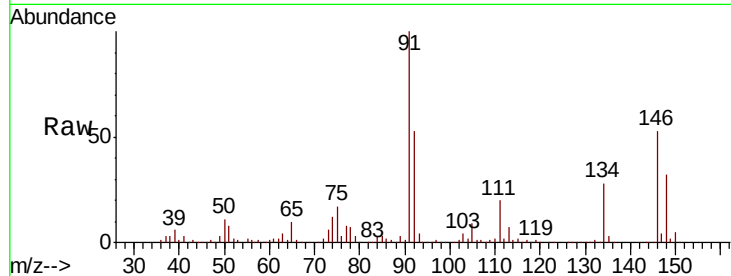




#89
n-Butylbenzene
Concen: 19.006 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

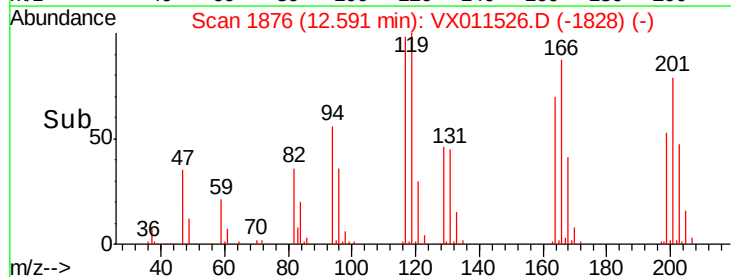
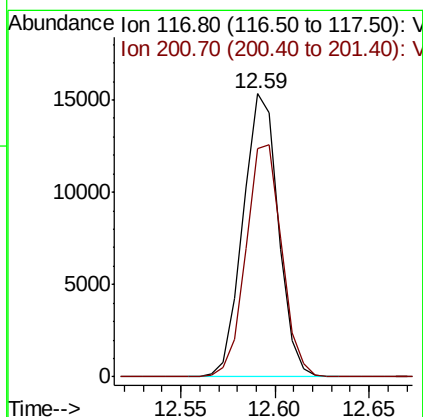
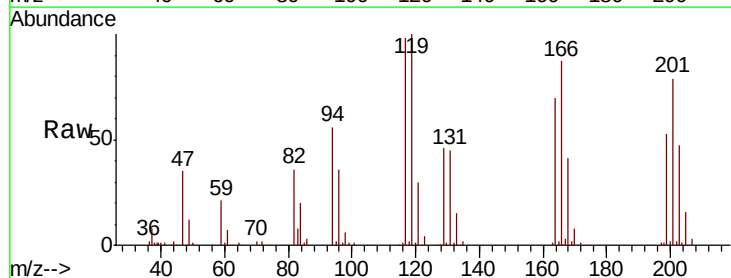
Instrument :
MSVOA_X
ClientSampled :
VX0813WBS01

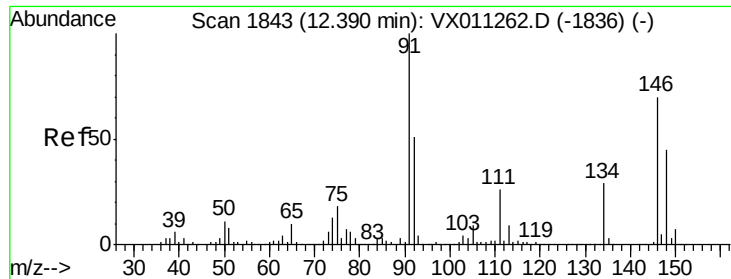
Tgt Ion: 91 Resp: 118593
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 18.641 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion: 117 Resp: 19961
Ion Ratio Lower Upper
117 100
201 82.6 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 19.449 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

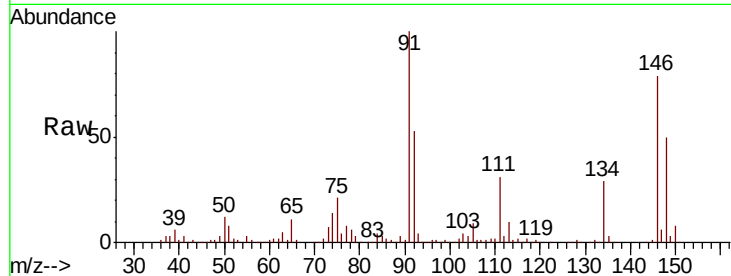
Tgt Ion:146 Resp: 76419

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

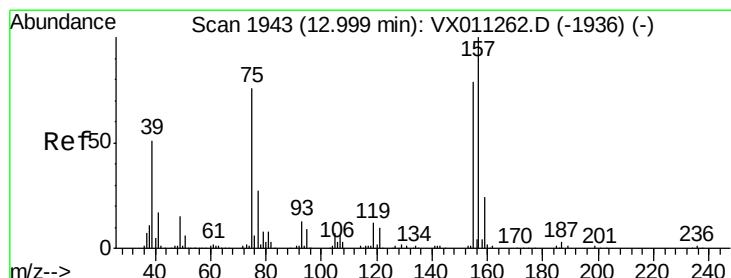
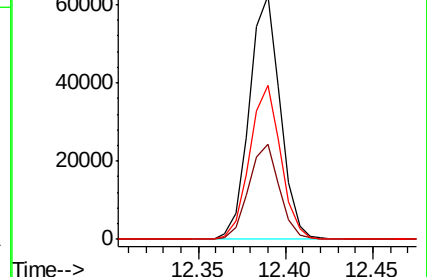
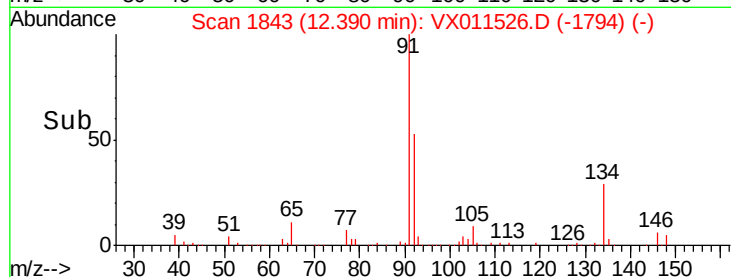
148 63.7 32.3 96.8



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: 19.955 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011526.D

Acq: 13 Aug 2019 11:24

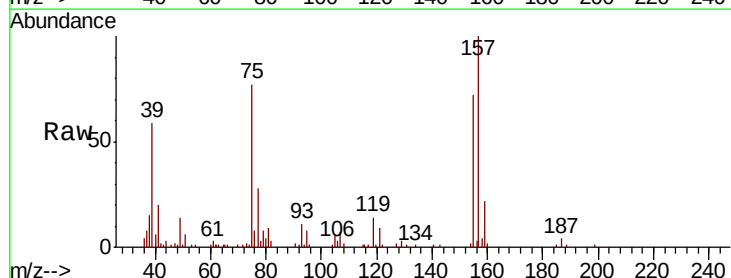
Tgt Ion: 75 Resp: 10283

Ion Ratio Lower Upper

75 100

155 94.7 51.9 155.8

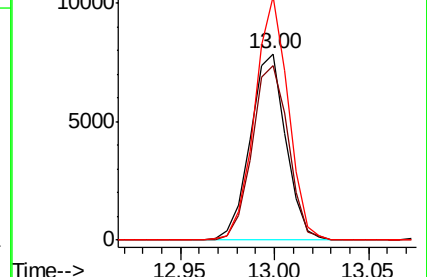
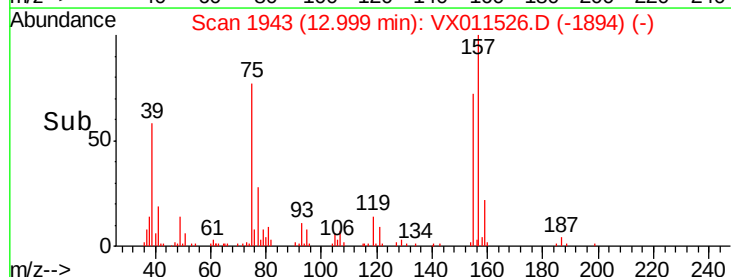
157 122.5 64.3 192.7

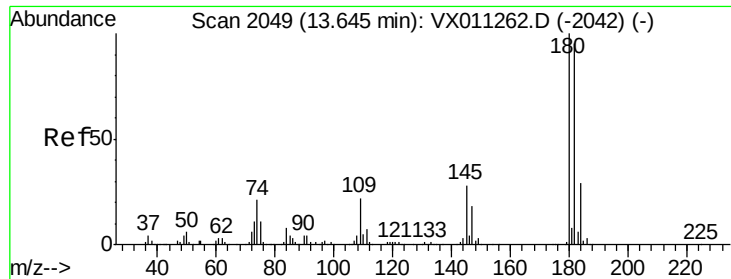


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

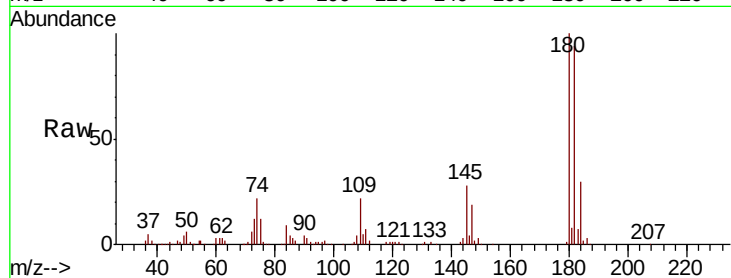




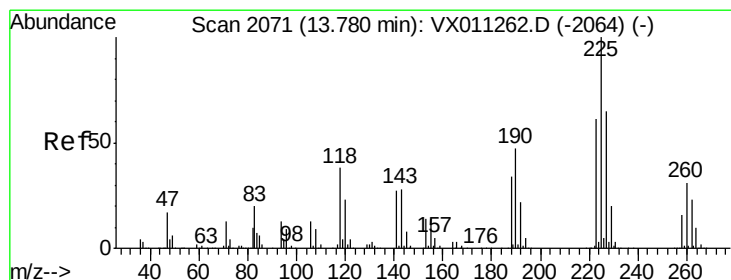
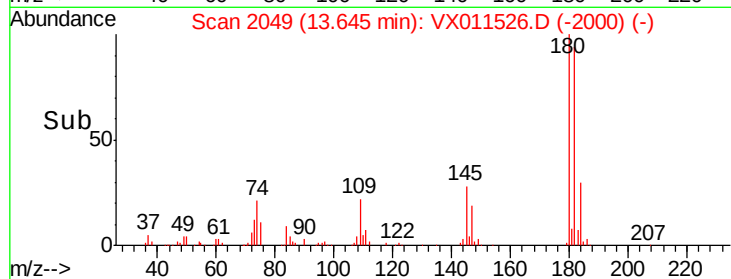
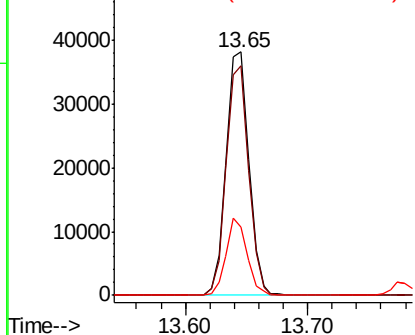
#93
 1,2,4-Trichlorobenzene
 Concen: 18.905 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Tgt Ion:180 Resp: 49261
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.8 143.4
 145 29.0 14.8 44.3

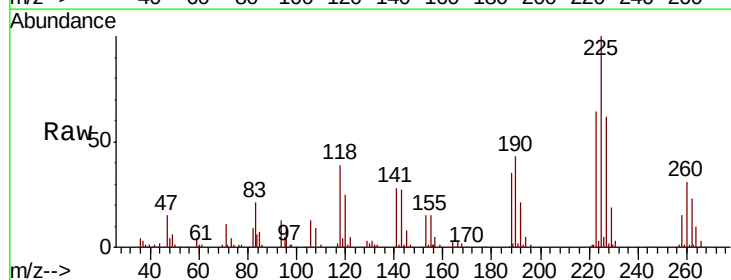


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

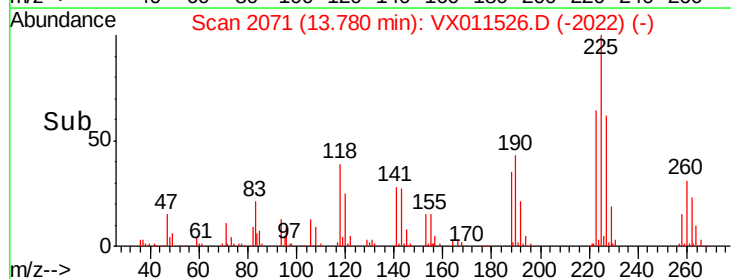
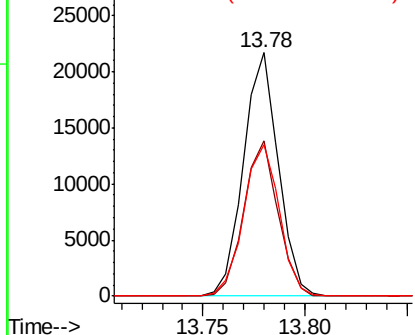


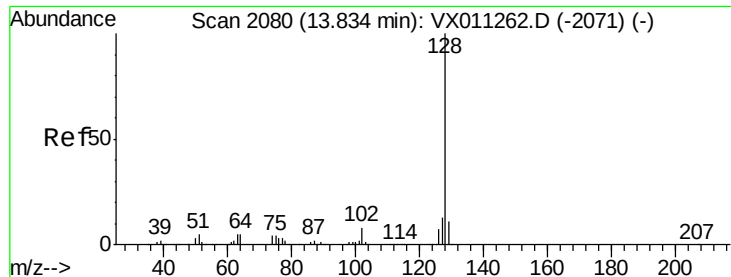
#94
 Hexachlorobutadiene
 Concen: 19.486 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011526.D
 Acq: 13 Aug 2019 11:24

Tgt Ion:225 Resp: 25761
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.0 93.0
 227 63.8 32.2 96.6



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

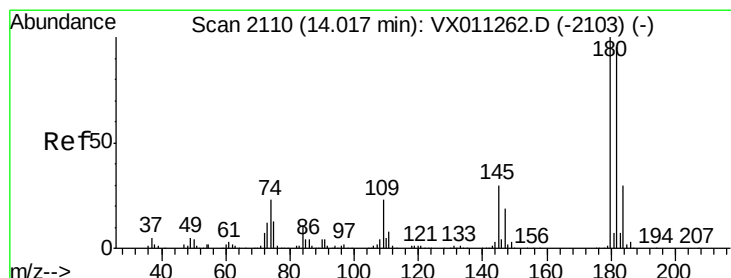
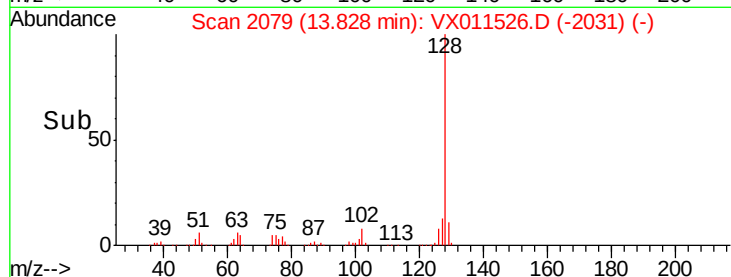
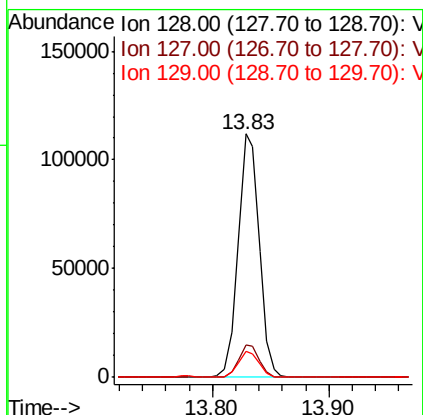
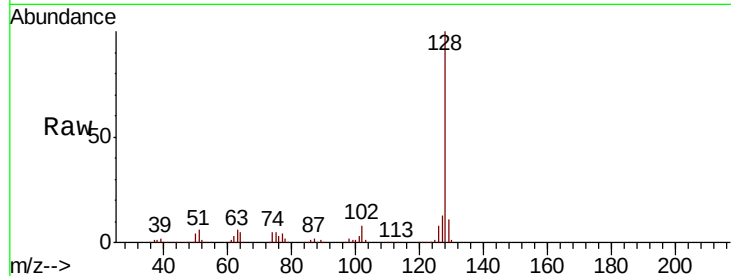




#95
Naphthalene
Concen: 18.607 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion:128 Resp: 141791
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.583 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011526.D
Acq: 13 Aug 2019 11:24

Tgt Ion:180 Resp: 49229
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.3
145 31.4 15.2 45.6

