

Data File : VV008094.D
Acq On : 05 Oct 2018 13:10
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV74

Quant Time: Oct 06 00:57:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 00:55:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31524	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	25824	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.14	63	61307	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.96	46	80501	51.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.41	84	67278	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	32621	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	130085	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	40002	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	129485	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	14949	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.14	63	60639	54.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28943	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	50268	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35889	5.038	ug/L 98
3) Chloromethane	1.25	50	29558	4.923	ug/L 100
5) Vinyl chloride	1.33	62	33622	5.030	ug/L 98
6) Bromomethane	1.54	94	16557	5.229	ug/L 98
8) Chloroethane	1.60	64	20988	4.699	ug/L 98
9) Trichlorofluoromethane	1.77	101	55934	4.885	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	32997	4.846	ug/L 98
12) 1,1-Dichloroethene	2.15	96	28360	4.983	ug/L 97
13) Acetone	2.21	43	47162	44.861	ug/L 99
14) Carbon disulfide	2.32	76	70049	4.836	ug/L 97
15) Methyl Acetate	2.47	43	12006	4.810	ug/L 98
16) Methylene chloride	2.54	84	30156	4.367	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	70178	4.919	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	30273	4.873	ug/L 96
19) 1,1-Dichloroethane	3.23	63	58642	4.957	ug/L 99
21) 2-Butanone	4.05	43	81201	47.880	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	35505	5.067	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15867	4.987	ug/L	97
25) Chloroform	4.43	83	63873	5.018	ug/L	99
27) 1,2-Dichloroethane	5.19	62	38270	5.117	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	54470	4.967	ug/L	98
30) Cyclohexane	4.73	56	47103	5.172	ug/L	99
31) Carbon tetrachloride	4.88	117	48868	4.960	ug/L	97
33) Benzene	5.15	78	131567	5.281	ug/L	100
34) Trichloroethene	5.96	95	35933	4.943	ug/L	98
35) Methylcyclohexane	6.18	83	51601	5.081	ug/L	99
37) 1,2-Dichloropropane	6.23	63	33966	5.053	ug/L	100
38) Bromodichloromethane	6.56	83	42055	5.114	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	45969	5.333	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	200196	52.550	ug/L	99
42) Toluene	7.43	91	143138	5.408	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	38271	5.460	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	23963	5.082	ug/L	96
47) Tetrachloroethene	8.02	164	33112	5.099	ug/L	96
48) 2-Hexanone	8.19	43	131755	50.943	ug/L	95
49) Dibromochloromethane	8.29	129	29843	5.073	ug/L	98
50) 1,2-Dibromoethane	8.40	107	22316	5.213	ug/L	98
51) Chlorobenzene	8.93	112	97836	5.286	ug/L	98
52) Ethylbenzene	9.06	91	153887	5.327	ug/L	100
53) m,p-xylene	9.18	106	59184	5.404	ug/L	99
54) o-xylene	9.59	106	57197	5.471	ug/L	99
55) Styrene	9.61	104	98002	5.504	ug/L	100
56) Isopropylbenzene	9.98	105	155557	5.409	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	28435	5.202	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20745	5.286	ug/L	95
61) Bromoform	9.78	173	16579	5.202	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	80815	5.245	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	81517	5.190	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	78297	5.260	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3928	5.053	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	69633	5.303	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	55654	5.682	ug/L	100
69) Naphthalene	13.56	128	70745	5.657	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	51627	5.543	ug/L	98

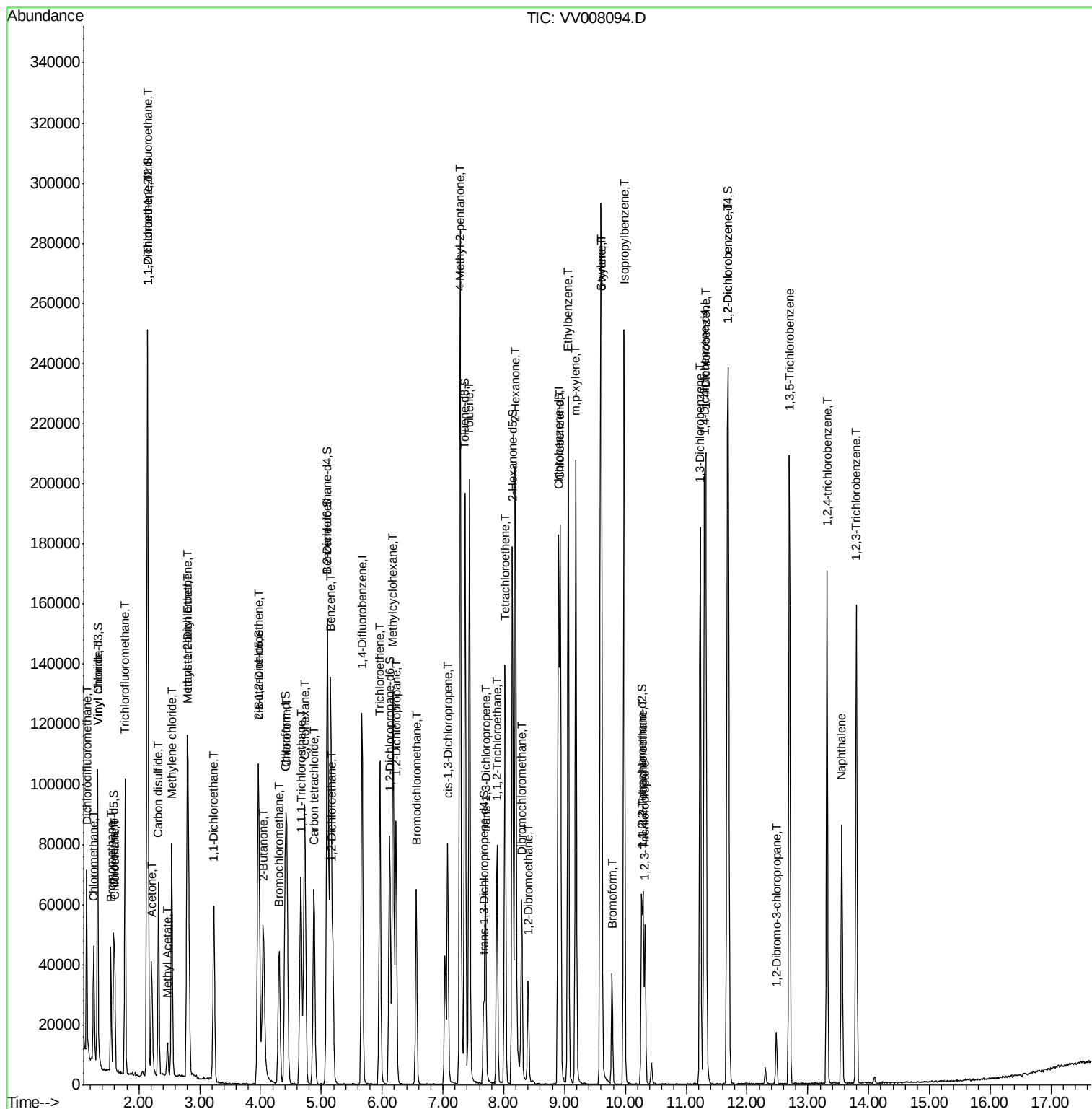
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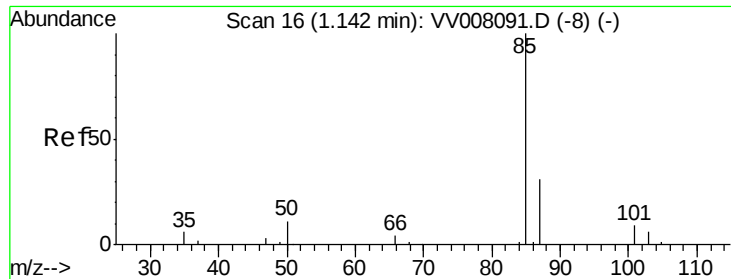
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#2

Dichlorodifluoromethane

Concen: 5.038 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

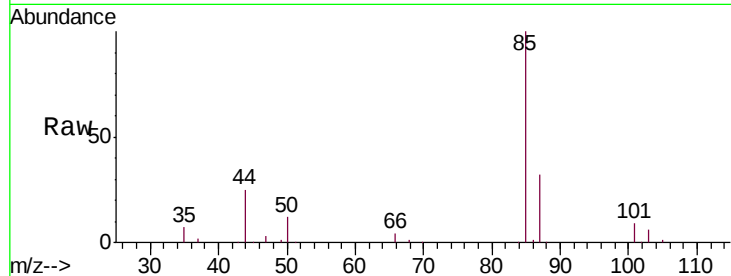
VICV74

Tgt Ion: 85 Resp: 35889

Ion Ratio Lower Upper

85 100

87 31.8 24.6 37.0



Abundance Ion 85.00 (84.70 to 85.70): VV008091.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008091.D (-8) (-)

1.14

30000

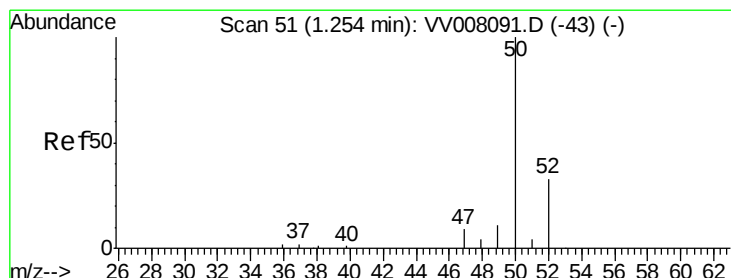
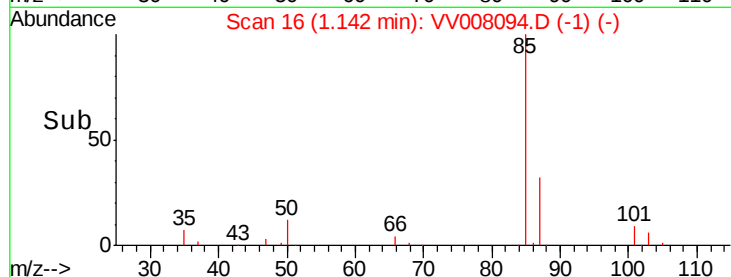
20000

10000

0

Time-->

1.10 1.15 1.20 1.25



#3

Chloromethane

Concen: 4.923 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008094.D

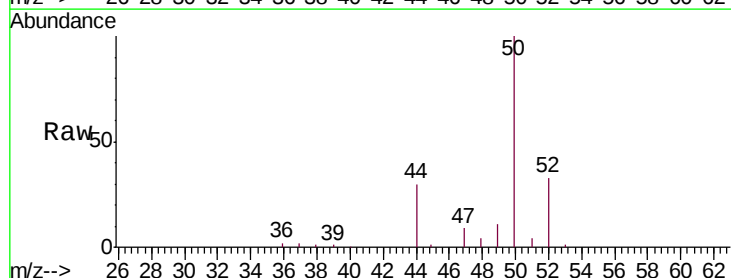
Acq: 05 Oct 2018 13:10

Tgt Ion: 50 Resp: 29558

Ion Ratio Lower Upper

50 100

52 32.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV008091.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008091.D (-43) (-)

1.25

25000

20000

15000

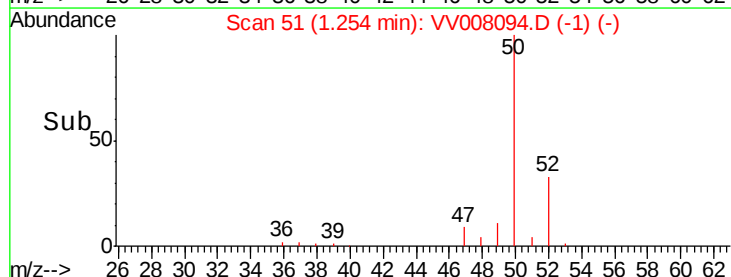
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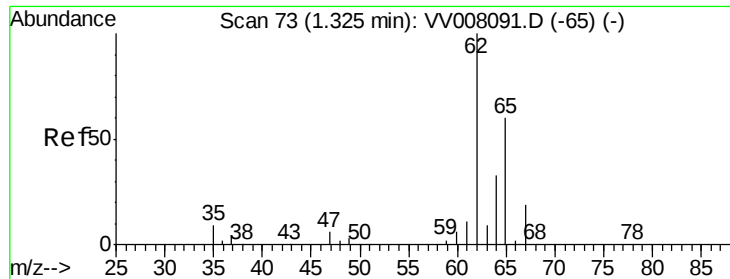
5000

0

Time-->

1.20 1.25 1.30





#5

Vinyl chloride

Concen: 5.030 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

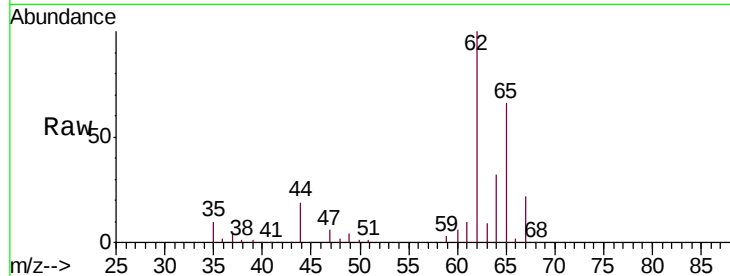
VICV74

Tgt Ion: 62 Resp: 33622

Ion Ratio Lower Upper

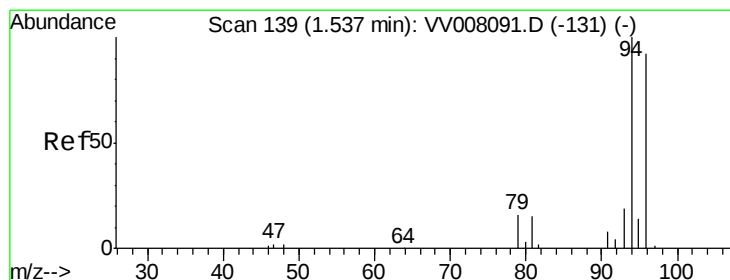
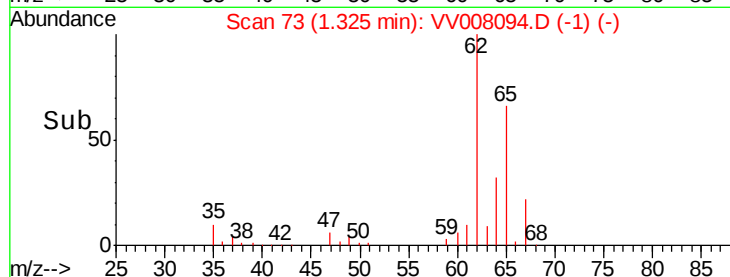
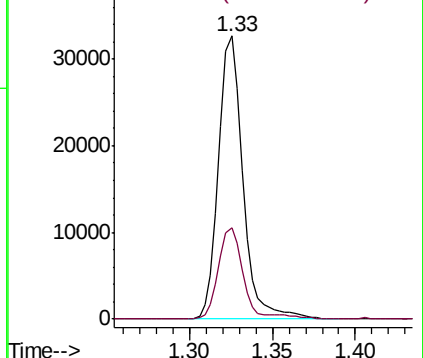
62 100

64 32.4 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 5.229 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.00 min

Lab File: VV008094.D

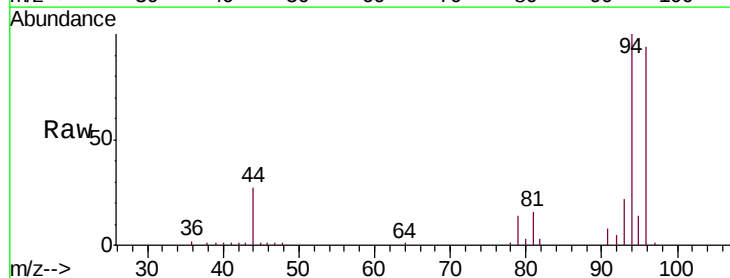
Acq: 05 Oct 2018 13:10

Tgt Ion: 94 Resp: 16557

Ion Ratio Lower Upper

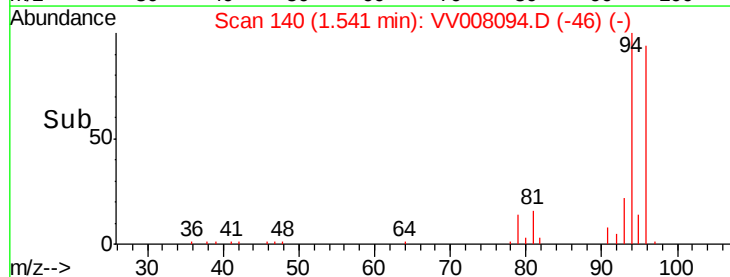
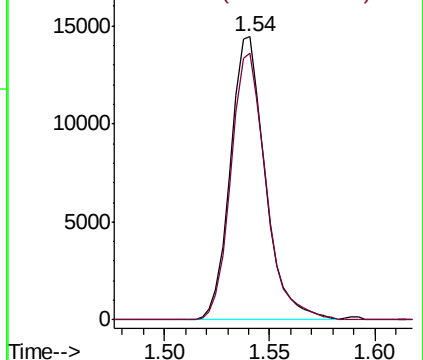
94 100

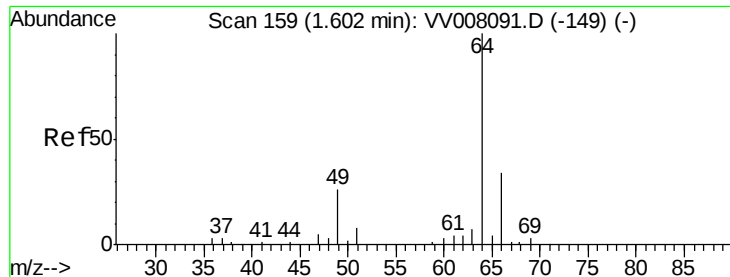
96 94.1 64.4 119.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

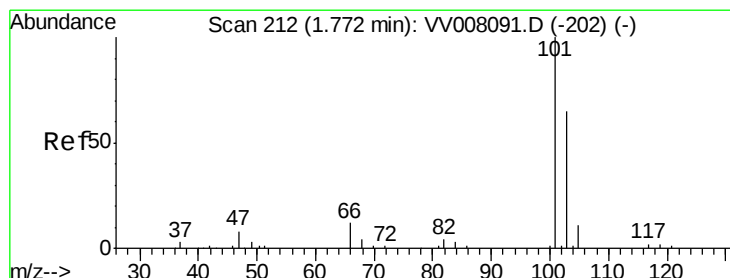
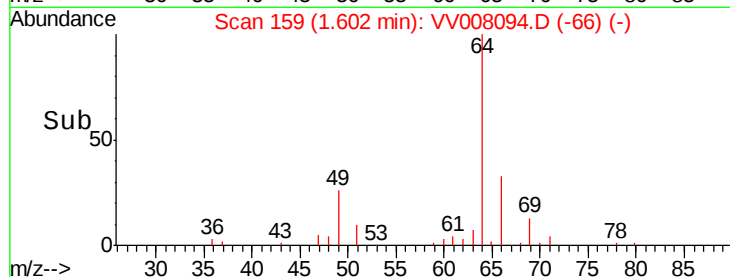
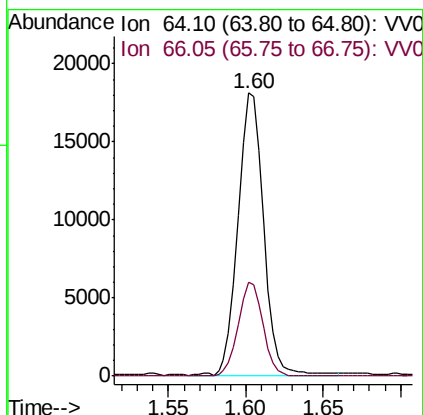
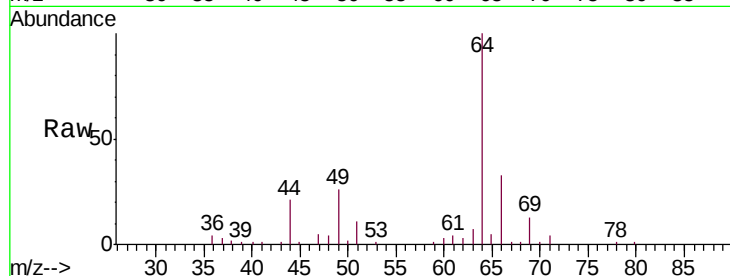




#8
Chloroethane
Concen: 4.699 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

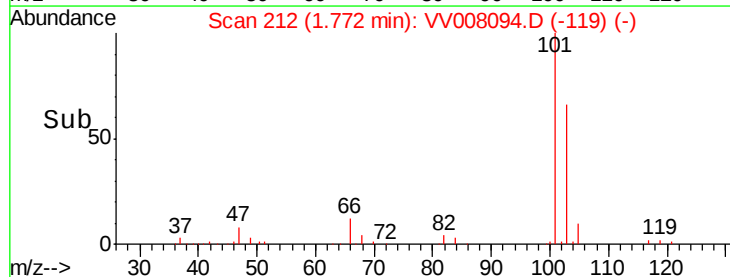
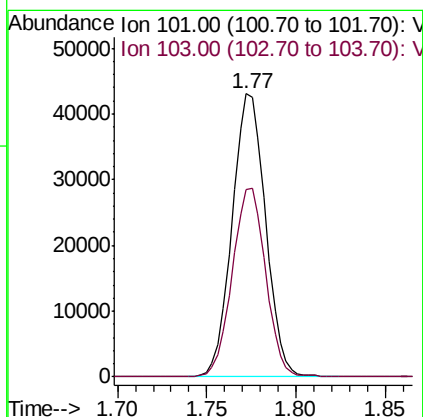
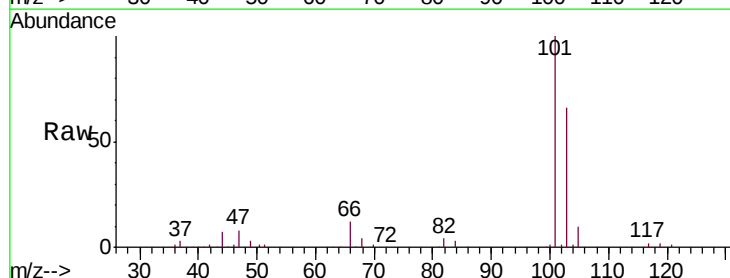
Instrument :
MSVOA_V
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VICV74

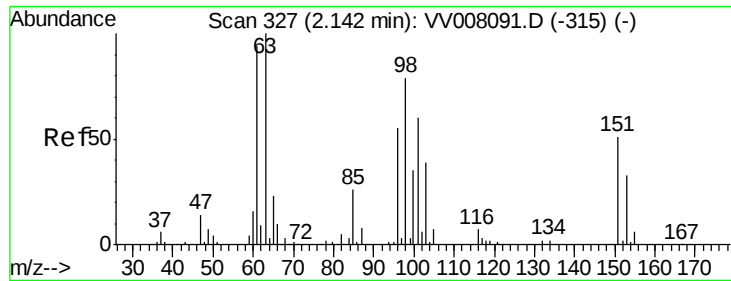
Tgt Ion: 64 Resp: 20988
Ion Ratio Lower Upper
64 100
66 33.4 24.1 44.8



#9
Trichlorofluoromethane
Concen: 4.885 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion: 101 Resp: 55934
Ion Ratio Lower Upper
101 100
103 66.8 53.1 79.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.846 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

VICV74

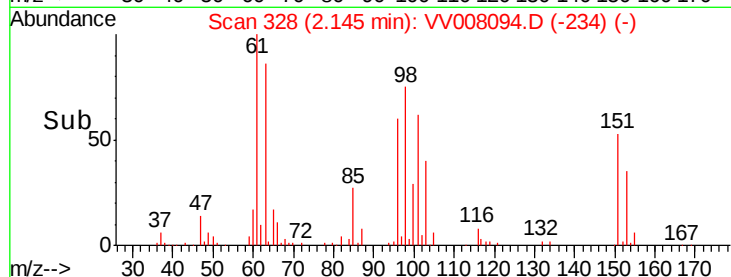
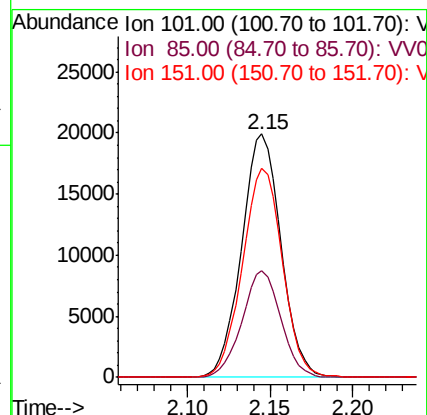
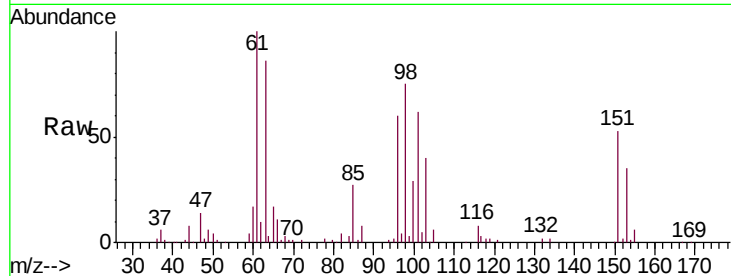
Tgt Ion:101 Resp: 32997

Ion Ratio Lower Upper

101 100

85 42.9 35.4 53.0

151 86.9 70.7 106.1



#12

1,1-Dichloroethene

Concen: 4.983 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

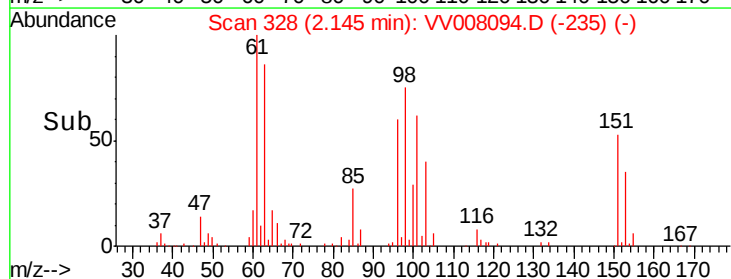
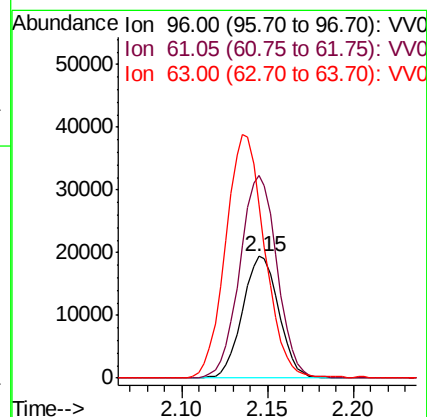
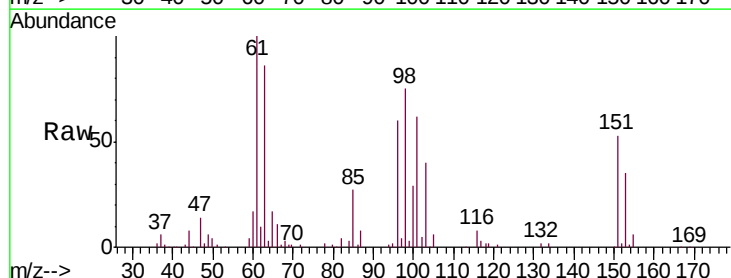
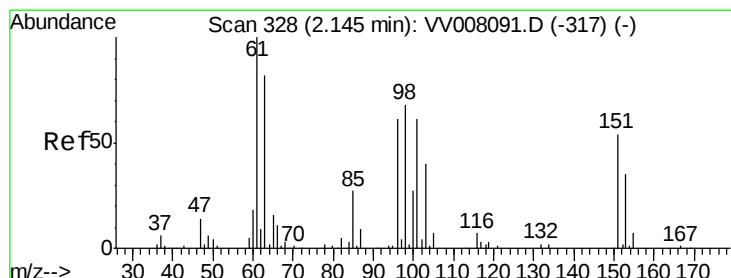
Tgt Ion: 96 Resp: 28360

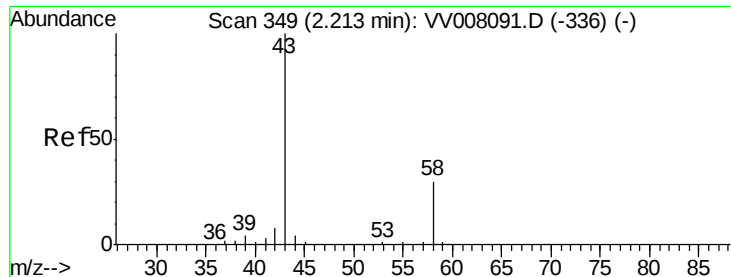
Ion Ratio Lower Upper

96 100

61 166.6 114.7 213.1

63 142.5 96.9 179.9





#13

Acetone

Concen: 44.861 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

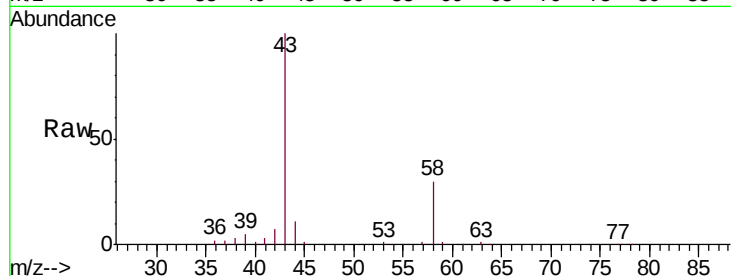
VICV74

Tgt Ion: 43 Resp: 47162

Ion Ratio Lower Upper

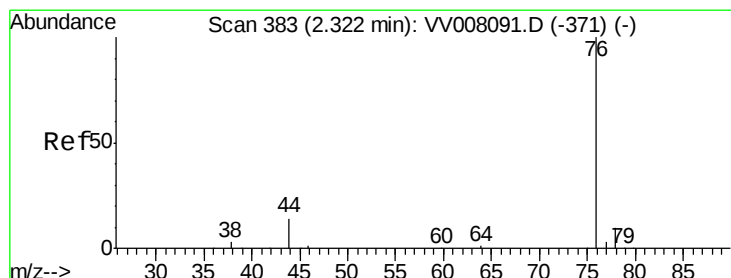
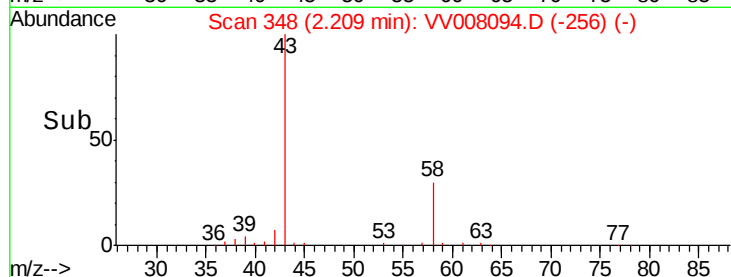
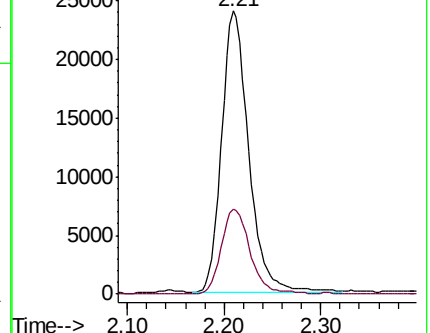
43 100

58 31.9 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008091.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008091.D (-336) (-)



#14

Carbon disulfide

Concen: 4.836 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008094.D

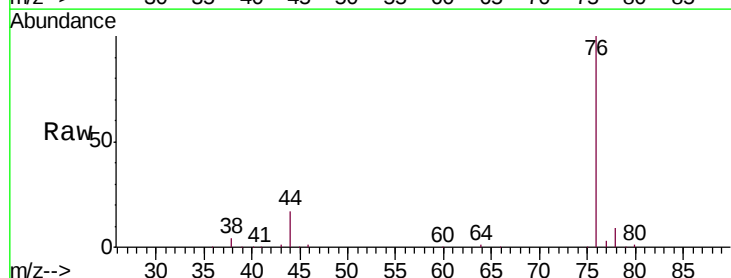
Acq: 05 Oct 2018 13:10

Tgt Ion: 76 Resp: 70049

Ion Ratio Lower Upper

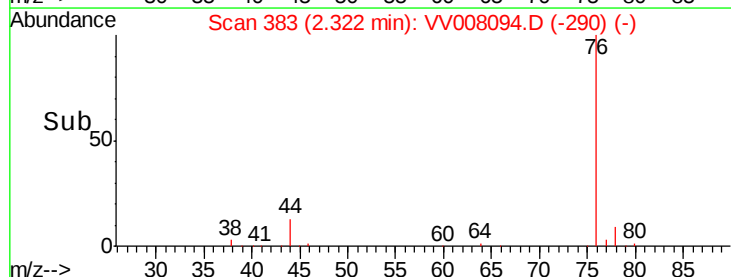
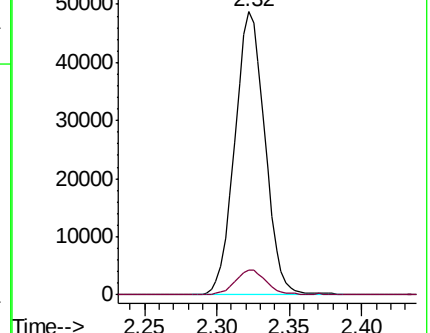
76 100

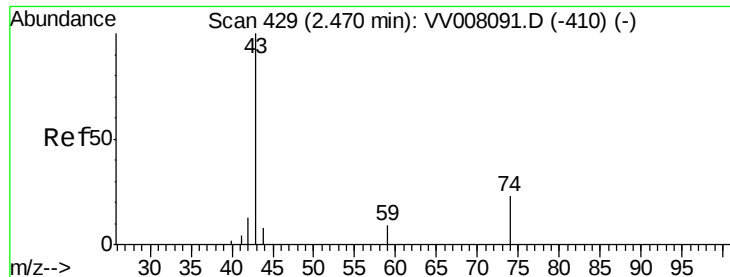
78 8.9 8.0 12.0



Abundance Ion 76.05 (75.75 to 76.75): VV008091.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV008091.D (-371) (-)

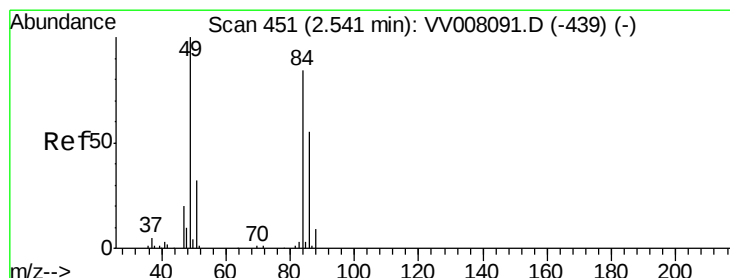
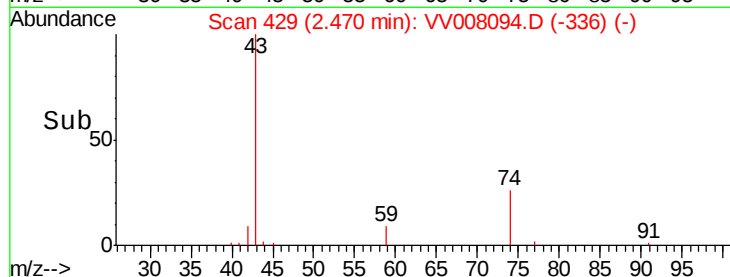
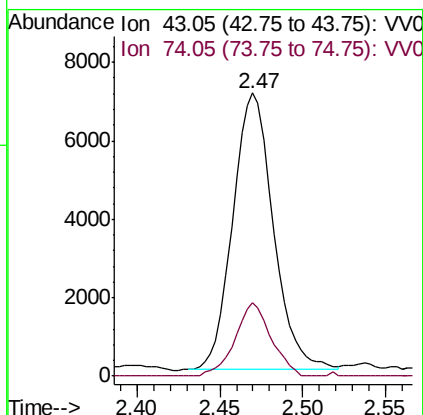
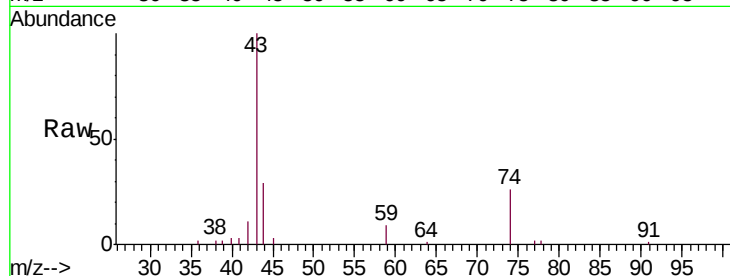




#15
Methyl Acetate
Concen: 4.810 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

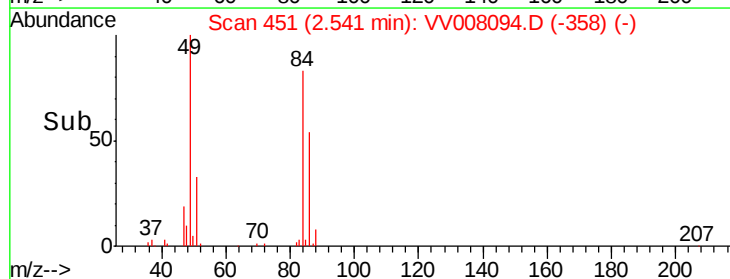
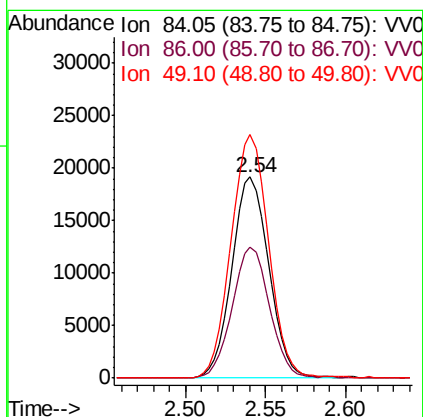
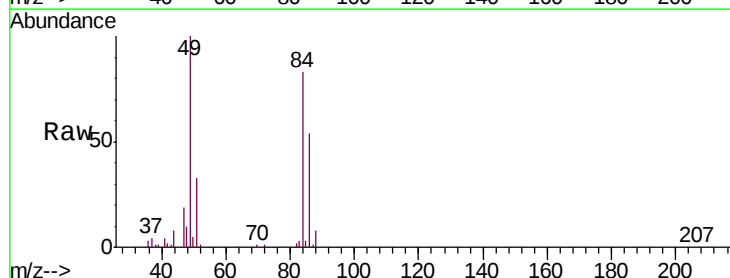
Instrument :
MSVOA_V
ClientSampleId :
VICV74

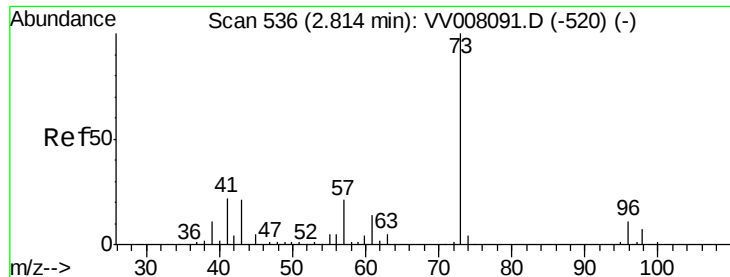
Tgt Ion: 43 Resp: 12006
Ion Ratio Lower Upper
43 100
74 23.5 18.1 27.1



#16
Methylene chloride
Concen: 4.367 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion: 84 Resp: 30156
Ion Ratio Lower Upper
84 100
86 65.3 45.3 84.1
49 121.0 83.0 154.1

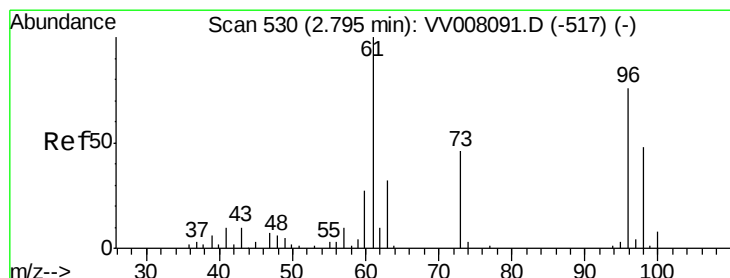
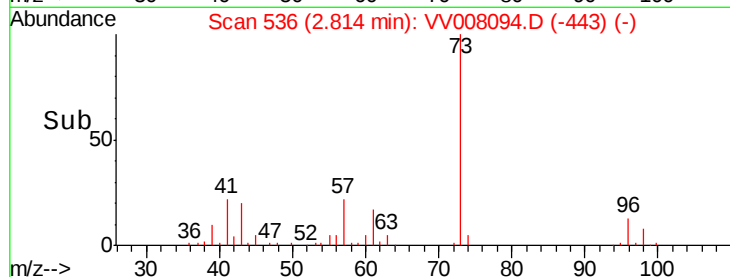
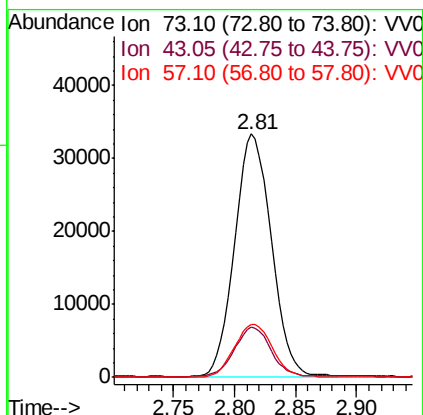
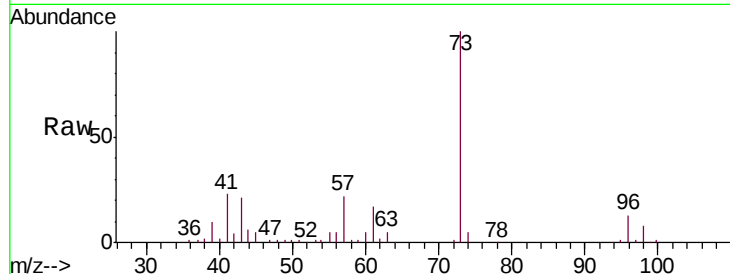




#17
Methyl tert-butyl Ether
Concen: 4.919 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

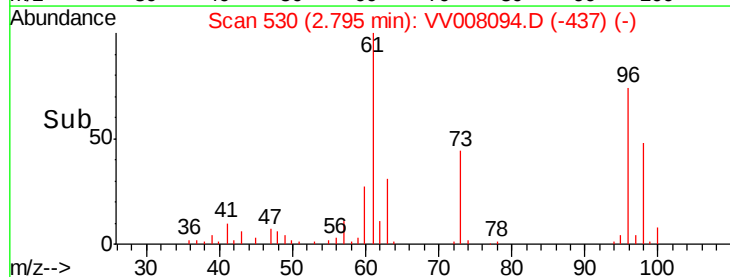
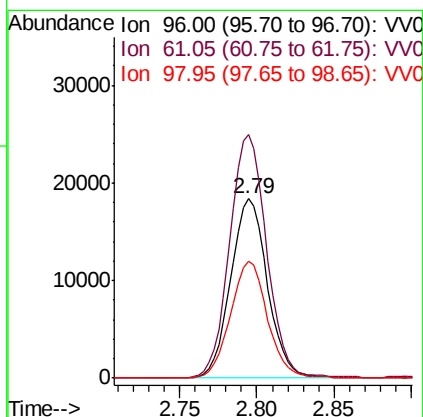
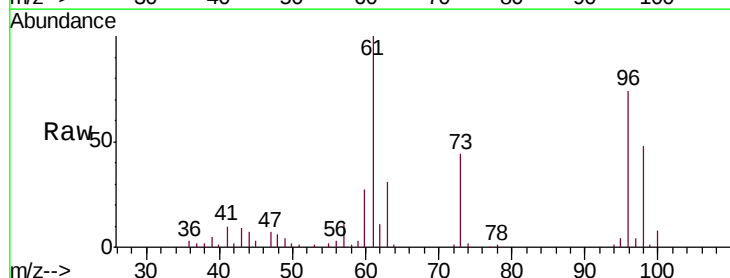
Instrument :
MSVOA_V
ClientSampleId :
VICV74

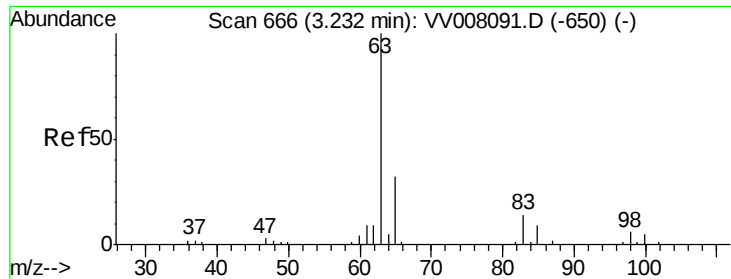
Tgt Ion: 73 Resp: 70178
Ion Ratio Lower Upper
73 100
43 21.1 17.0 25.4
57 22.5 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.873 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion: 96 Resp: 30273
Ion Ratio Lower Upper
96 100
61 135.9 91.6 170.2
98 65.2 44.4 82.5

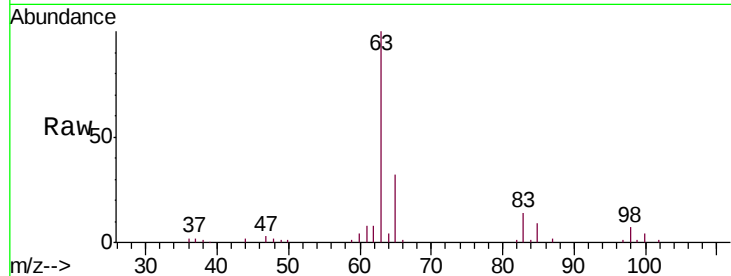




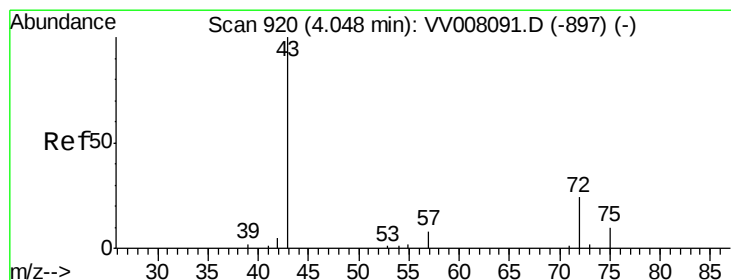
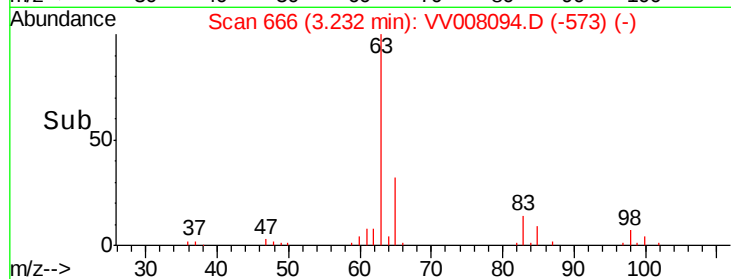
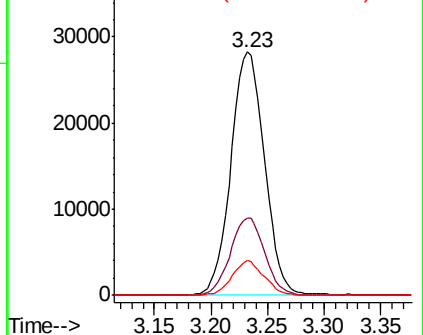
#19
 1,1-Dichloroethane
 Concen: 4.957 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion: 63 Resp: 58642
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.4 41.6
 83 14.2 9.6 17.8

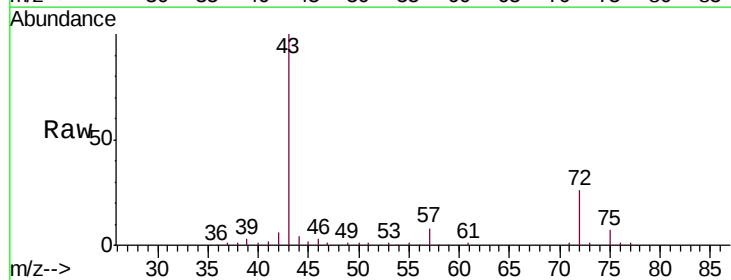


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

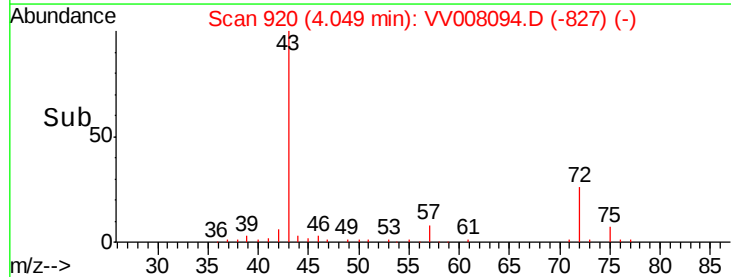
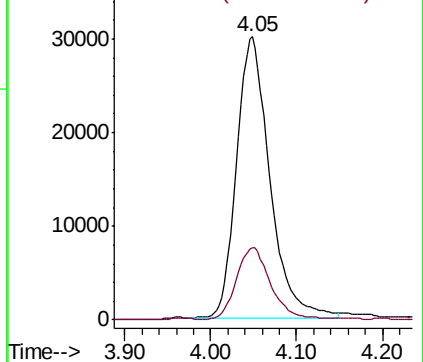


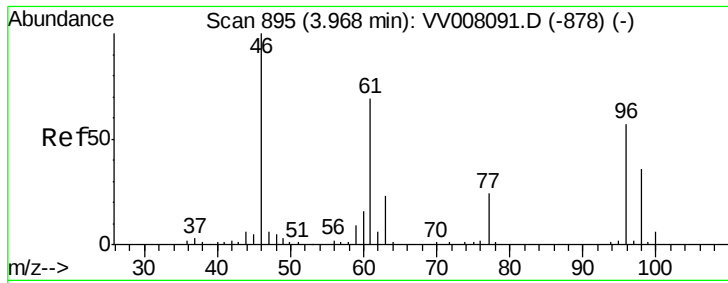
#21
 2-Butanone
 Concen: 47.880 ug/L
 RT: 4.05 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion: 43 Resp: 81201
 Ion Ratio Lower Upper
 43 100
 72 26.8 12.9 38.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0



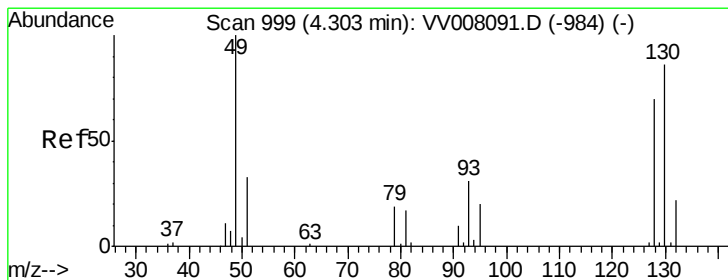
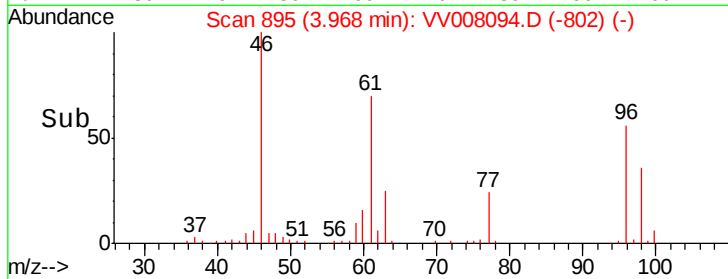
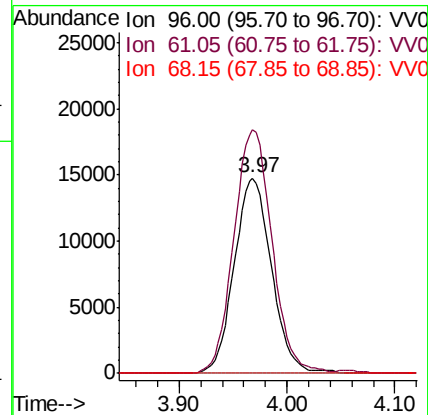
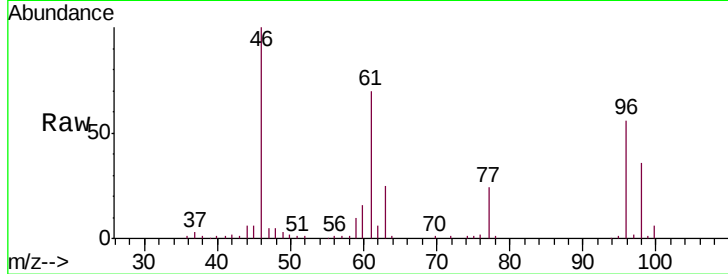


#22

cis-1,2-Dichloroethene
 Concen: 5.067 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

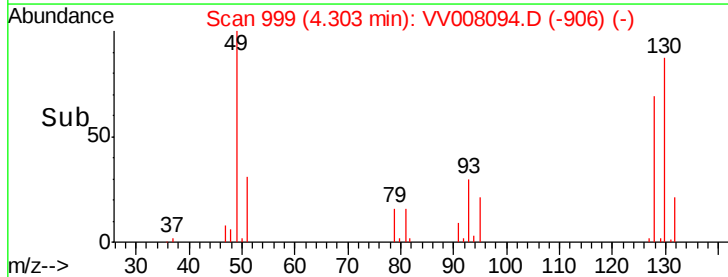
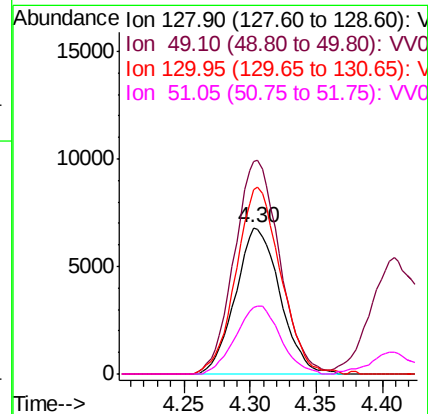
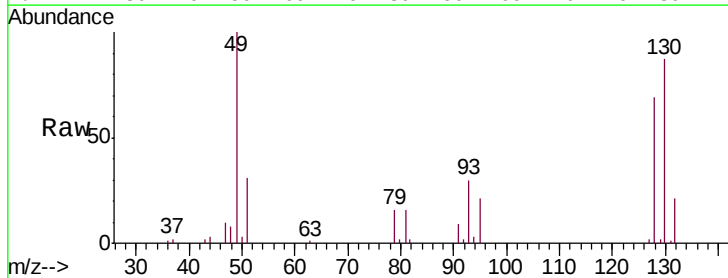
Tgt Ion: 96 Resp: 35505
 Ion Ratio Lower Upper
 96 100
 61 124.8 85.1 158.1
 68 0.0 0.0 0.0

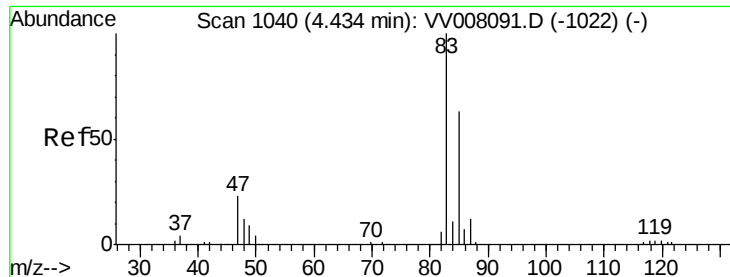


#23

Bromochloromethane
 Concen: 4.987 ug/L
 RT: 4.30 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion: 128 Resp: 15867
 Ion Ratio Lower Upper
 128 100
 49 145.6 99.8 185.3
 130 126.3 85.5 158.7
 51 45.8 38.0 57.0

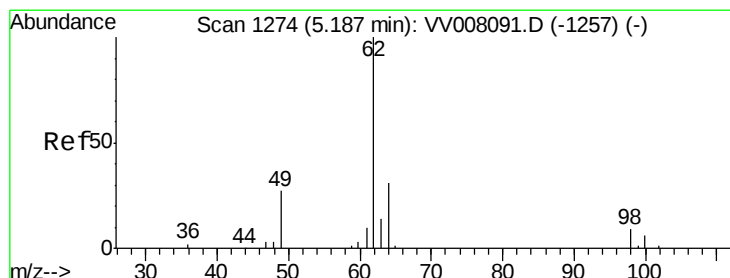
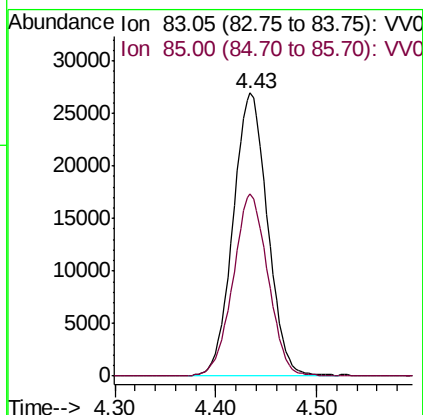
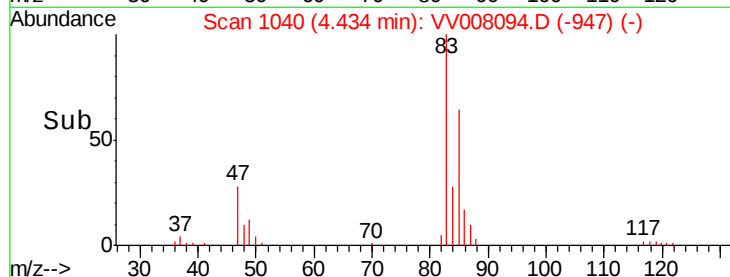
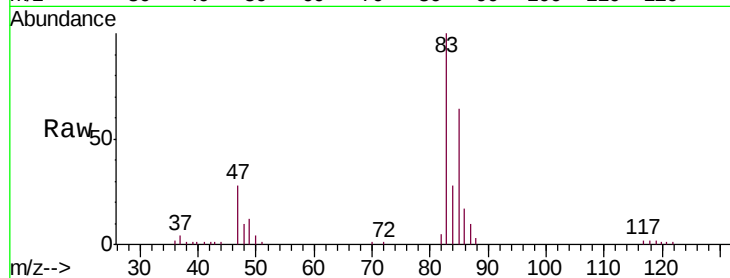




#25
Chloroform
Concen: 5.018 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

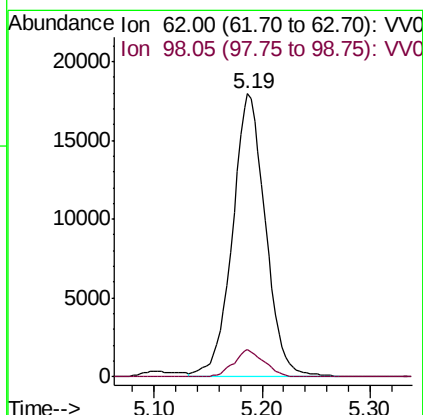
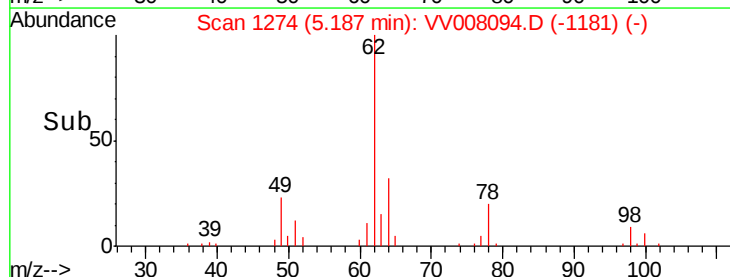
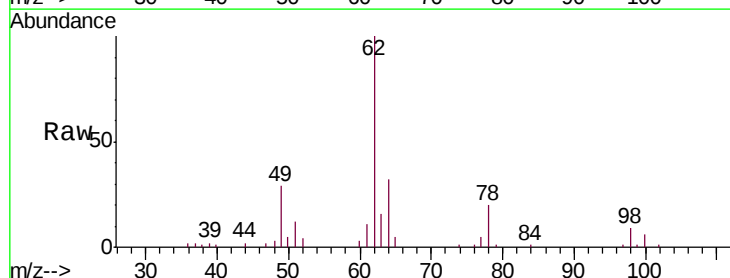
Instrument :
MSVOA_V
ClientSampleId :
VICV74

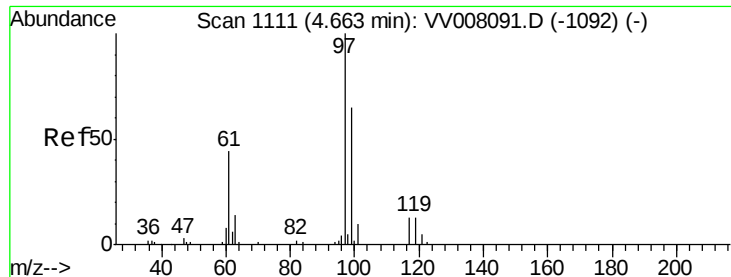
Tgt Ion: 83 Resp: 63873
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.117 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion: 62 Resp: 38270
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9

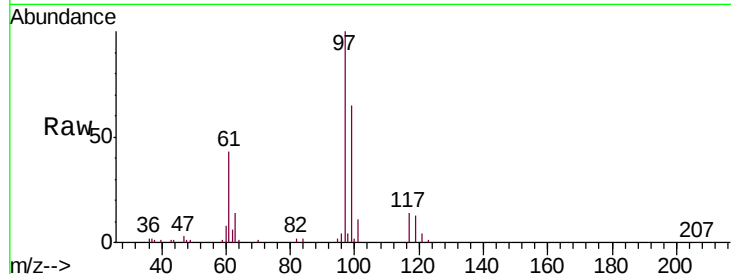




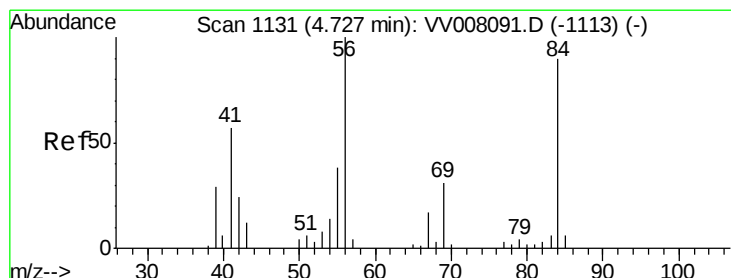
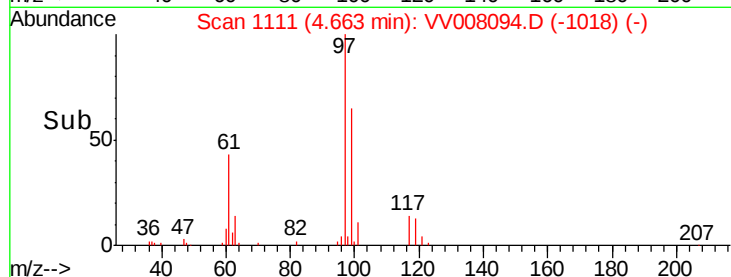
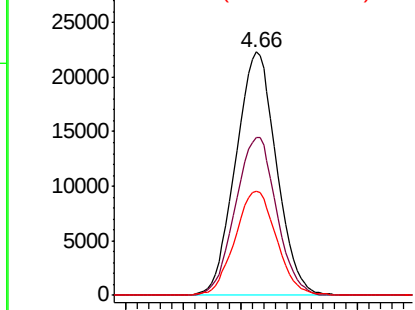
#29
1,1,1-Trichloroethane
Concen: 4.967 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Instrument :
MSVOA_V
ClientSampleId :
VICV74

Tgt Ion: 97 Resp: 54470
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 43.6 34.0 51.0

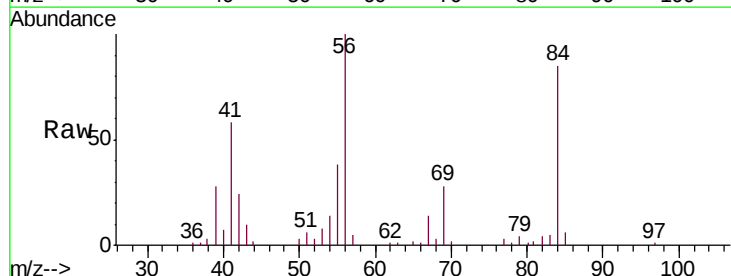


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

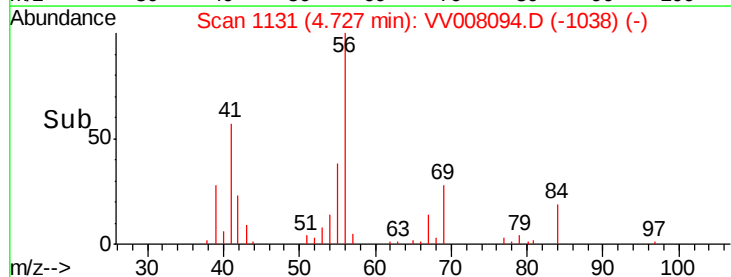
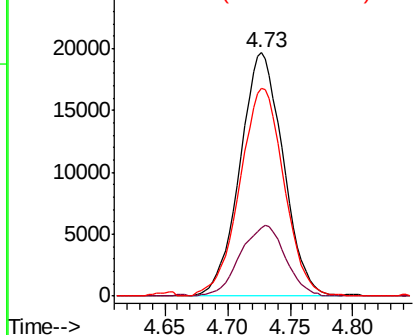


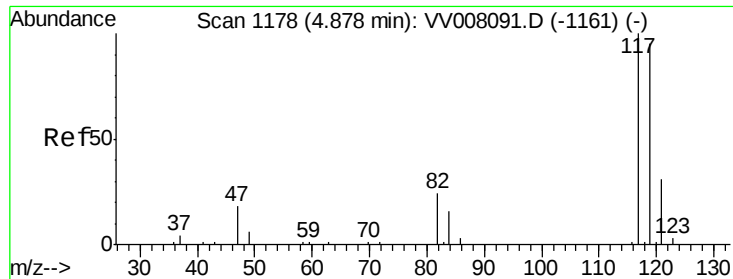
#30
Cyclohexane
Concen: 5.172 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion: 56 Resp: 47103
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 87.5 70.7 106.1



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 4.960 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

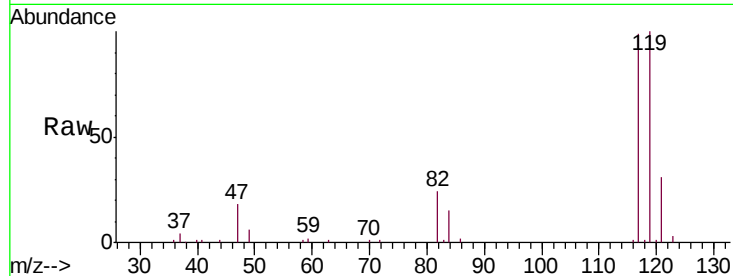
VICV74

Tgt Ion:117 Resp: 48868

Ion Ratio Lower Upper

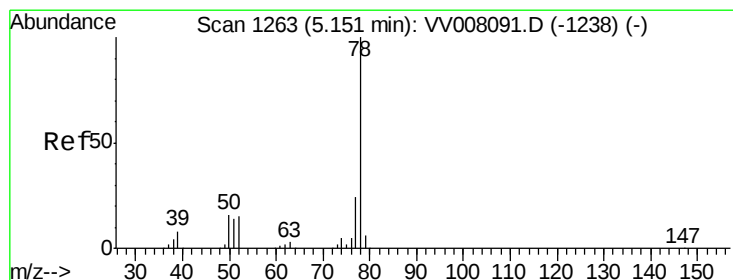
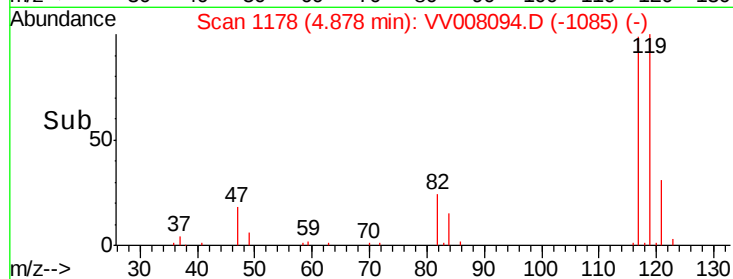
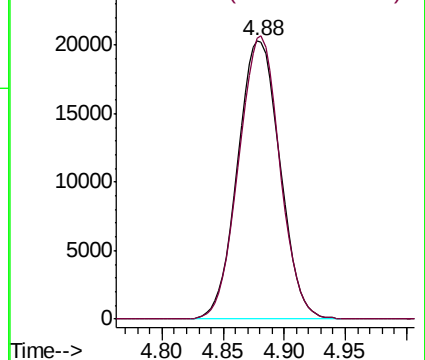
117 100

119 98.5 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.281 ug/L

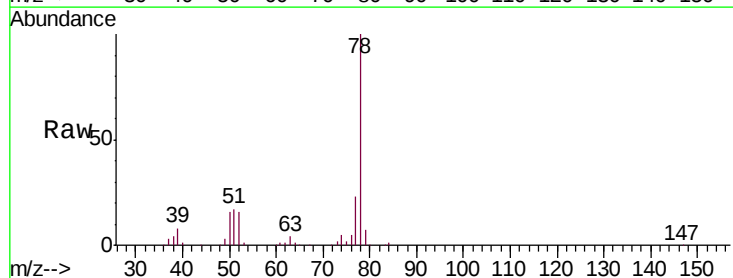
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

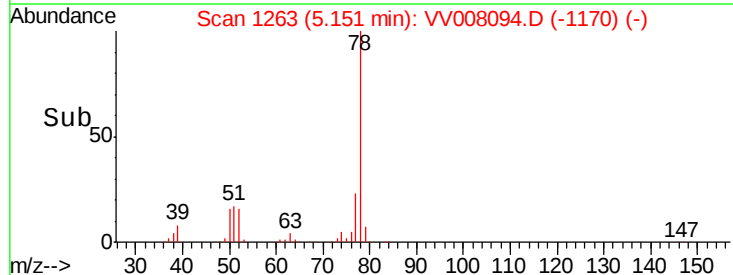
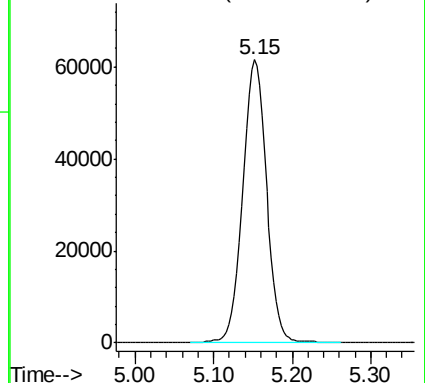
Lab File: VV008094.D

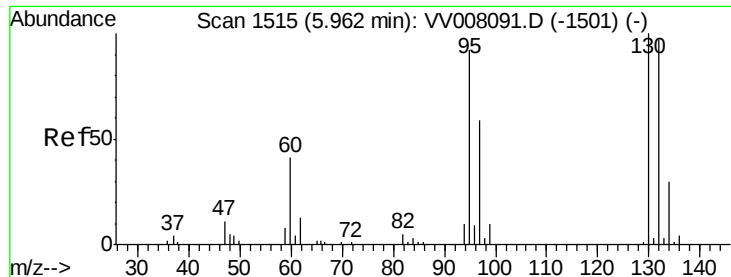
Acq: 05 Oct 2018 13:10

Tgt Ion: 78 Resp: 131567



Abundance Ion 78.10 (77.80 to 78.80): VV0

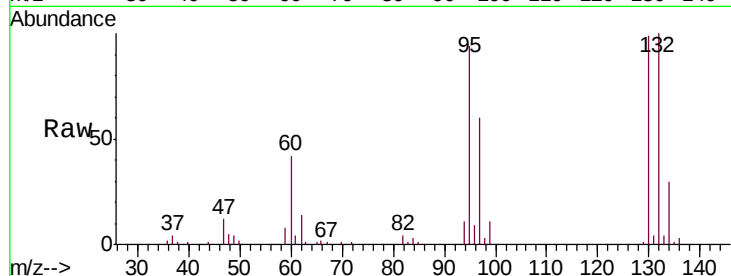




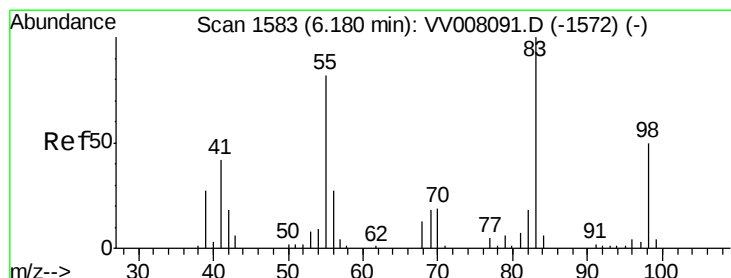
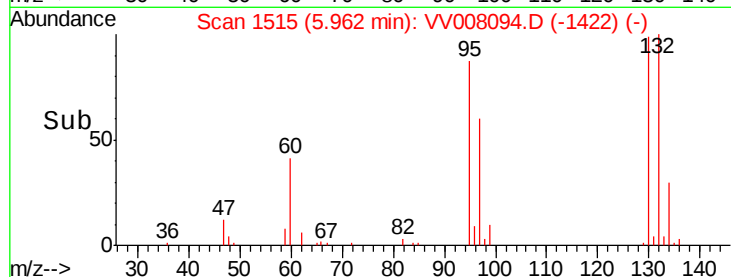
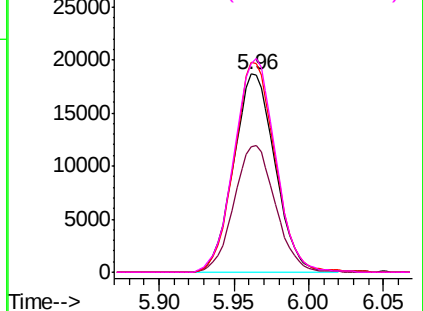
#34
 Trichloroethene
 Concen: 4.943 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion: 95 Resp: 35933
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.9 83.5
 132 106.3 73.6 136.6
 130 105.5 76.2 141.6

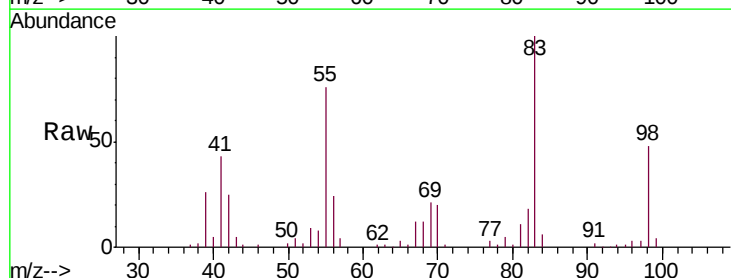


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

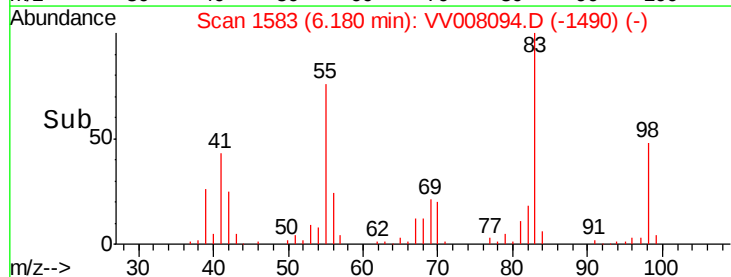
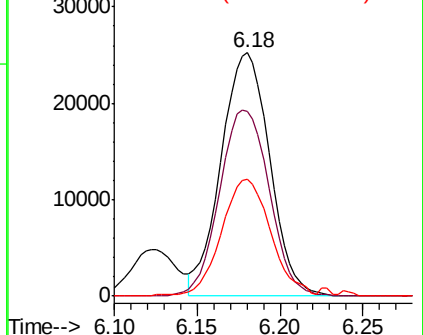


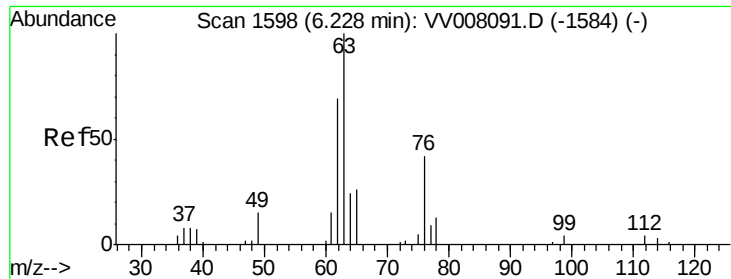
#35
 Methylcyclohexane
 Concen: 5.081 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion: 83 Resp: 51601
 Ion Ratio Lower Upper
 83 100
 55 78.2 63.6 95.4
 98 48.7 38.3 57.5



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 5.053 ug/L

RT: 6.23 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

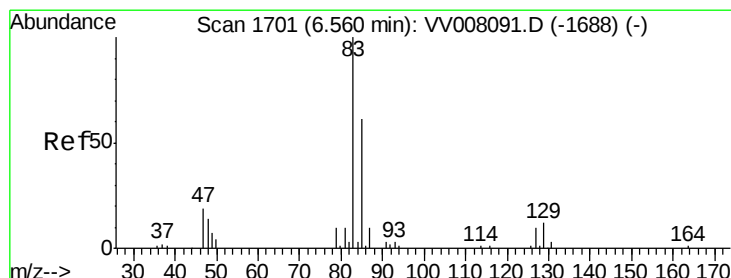
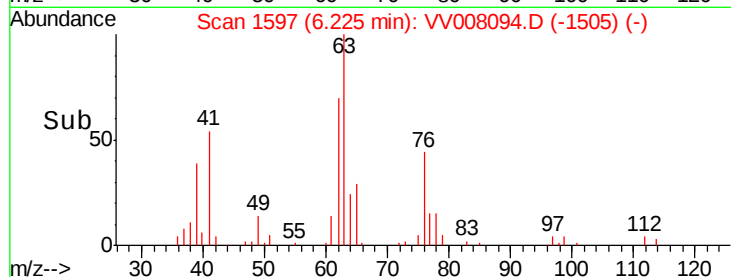
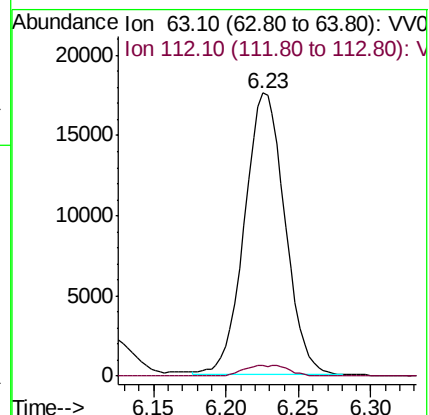
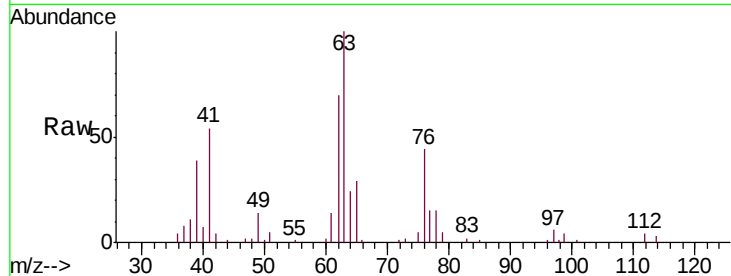
VICV74

Tgt Ion: 63 Resp: 33966

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.114 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

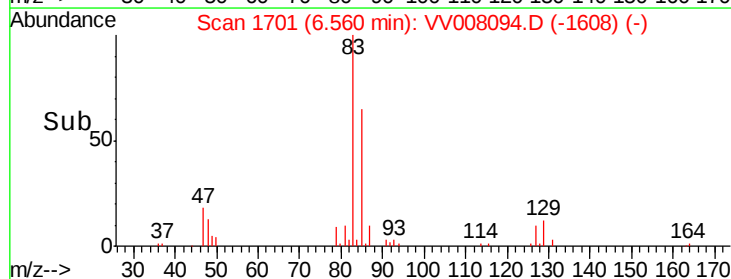
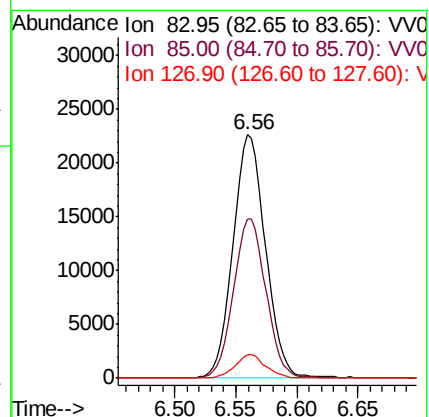
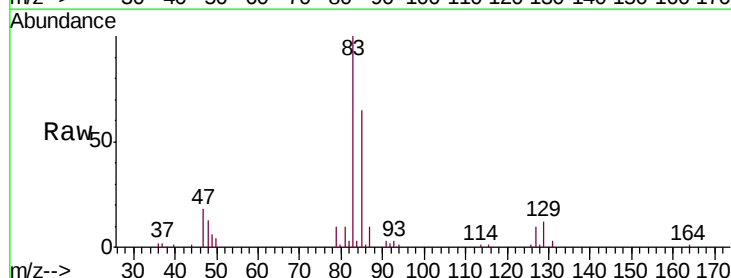
Tgt Ion: 83 Resp: 42055

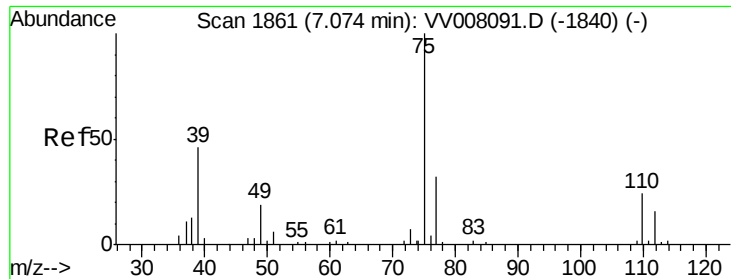
Ion Ratio Lower Upper

83 100

85 65.4 42.5 78.9

127 9.6 7.7 11.5

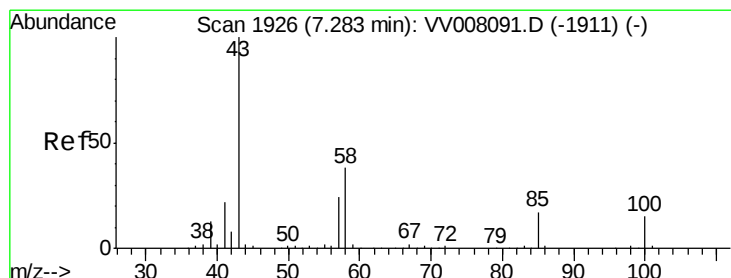
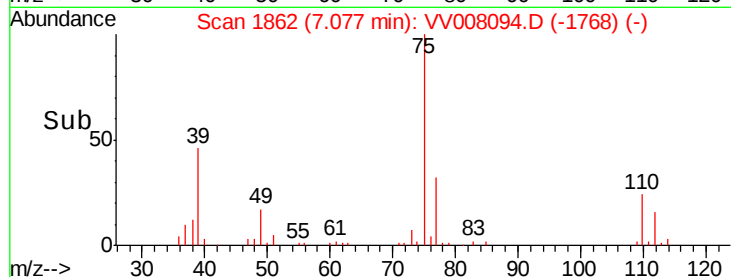
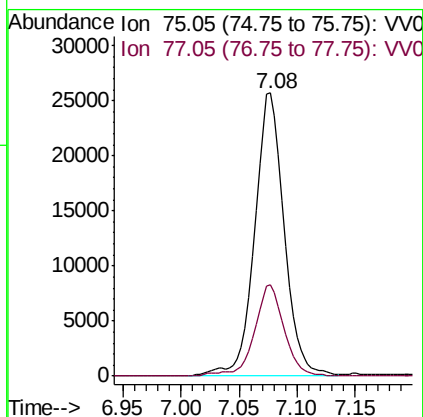
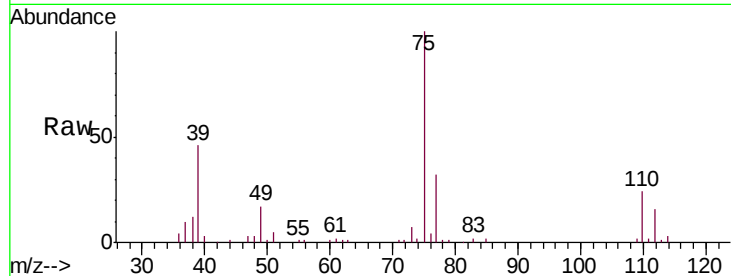




#39
 cis-1,3-Dichloropropene
 Concen: 5.333 ug/L
 RT: 7.08 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

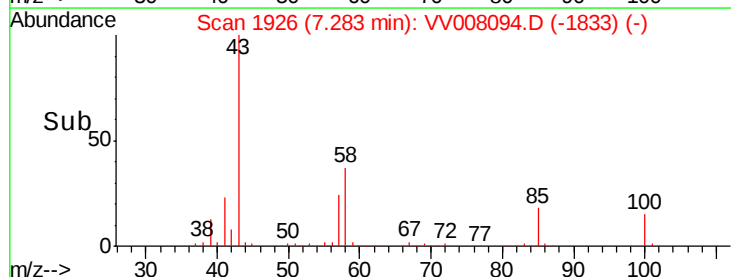
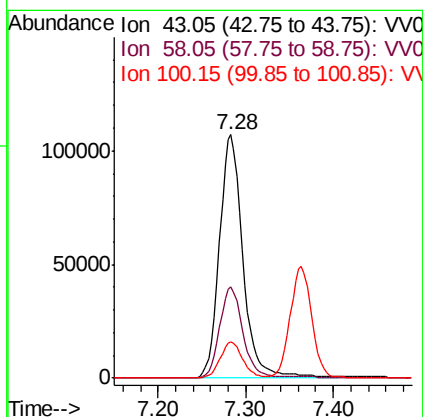
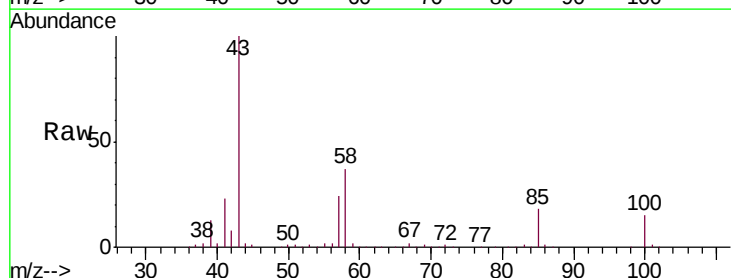
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

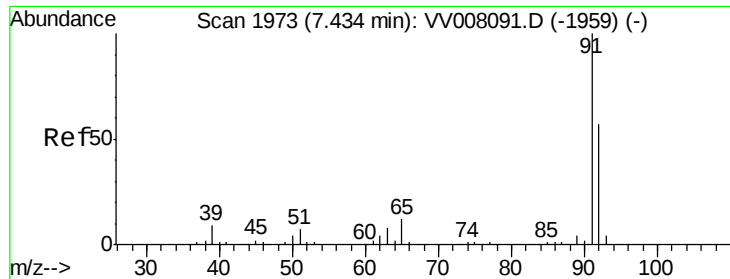
Tgt Ion: 75 Resp: 45969
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 52.550 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion: 43 Resp: 200196
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.8 44.8
 100 14.3 11.6 17.4





#42

Toluene

Concen: 5.408 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

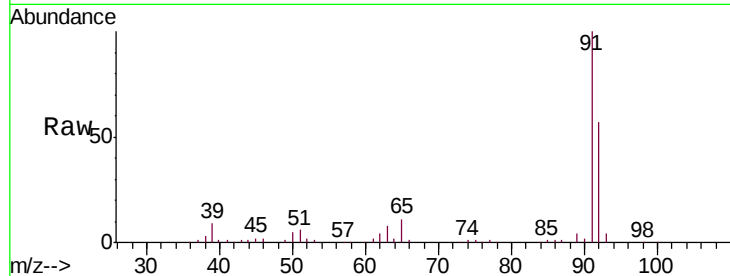
VICV74

Tgt Ion: 91 Resp: 143138

Ion Ratio Lower Upper

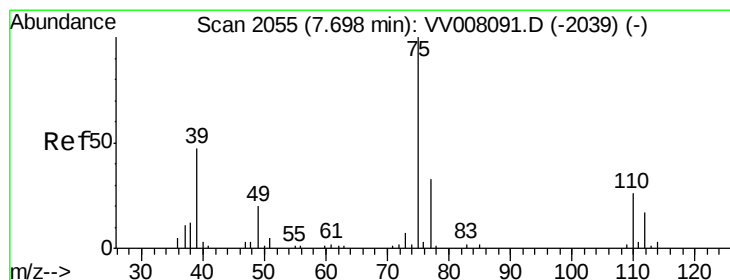
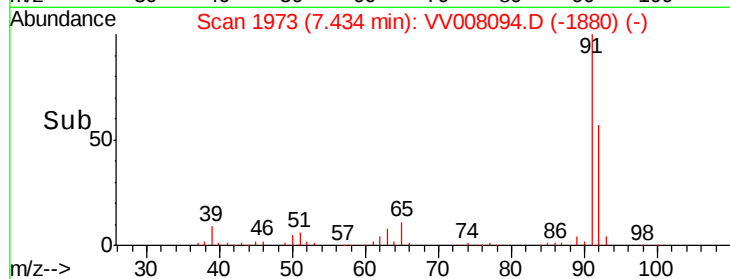
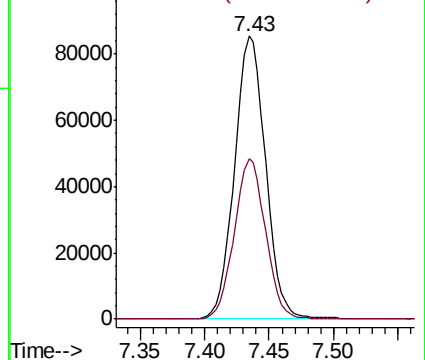
91 100

92 56.6 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 5.460 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV008094.D

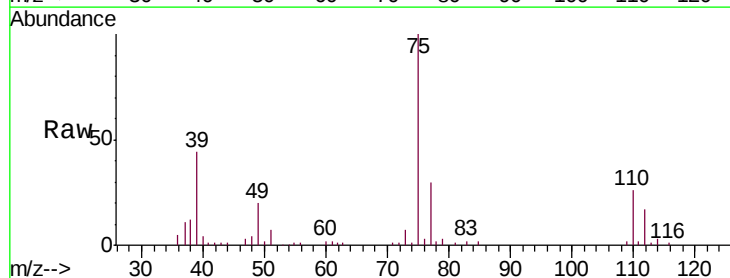
Acq: 05 Oct 2018 13:10

Tgt Ion: 75 Resp: 38271

Ion Ratio Lower Upper

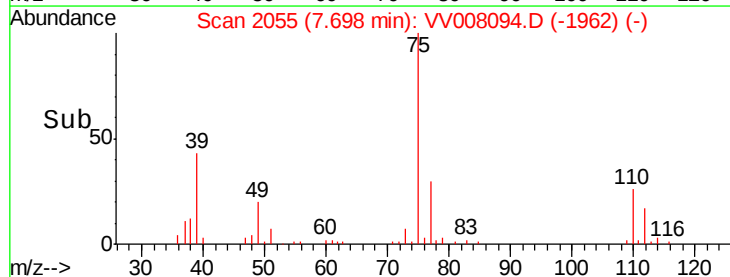
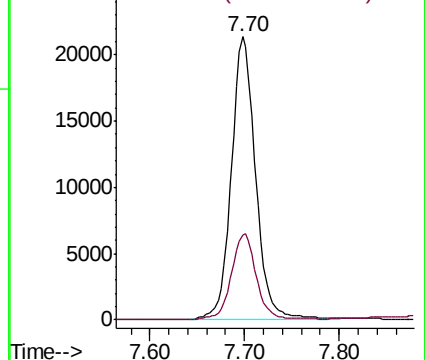
75 100

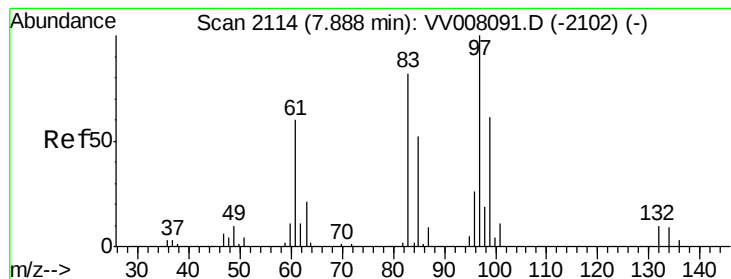
77 29.9 23.4 43.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 5.082 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

VICV74

Tgt Ion: 97 Resp: 23963

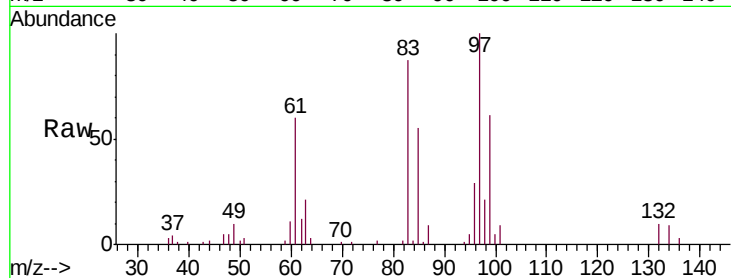
Ion Ratio Lower Upper

97 100

99 60.7 42.6 79.0

83 87.1 57.5 106.7

85 55.1 36.5 67.7

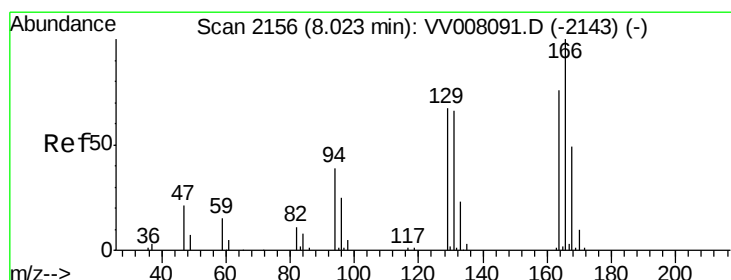
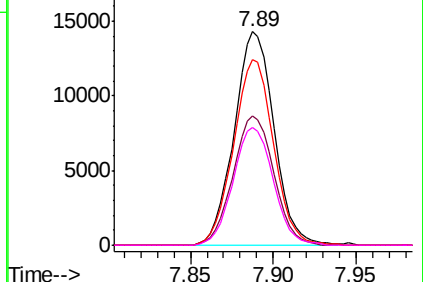
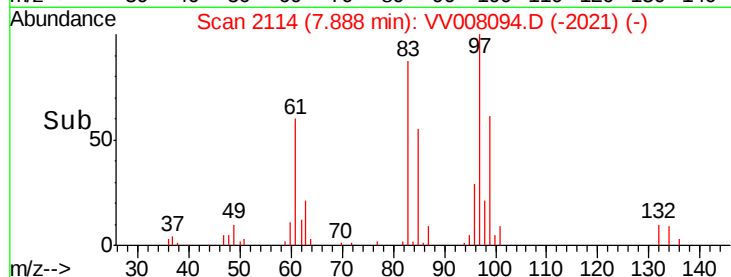


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.099 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Tgt Ion: 164 Resp: 33112

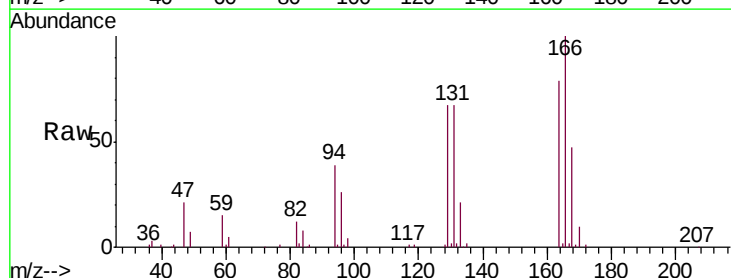
Ion Ratio Lower Upper

164 100

129 85.1 62.2 115.4

131 84.1 60.5 112.5

166 126.4 92.1 171.1

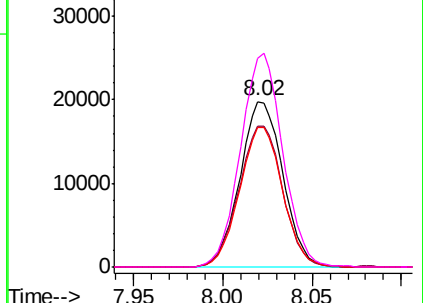
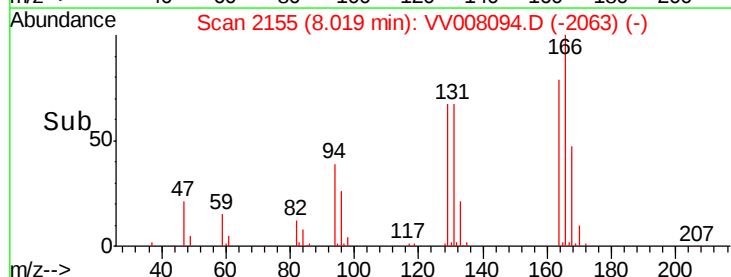


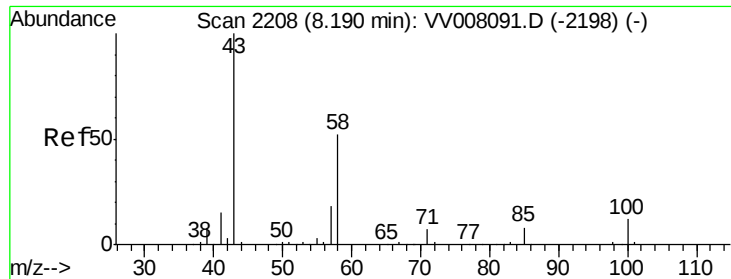
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

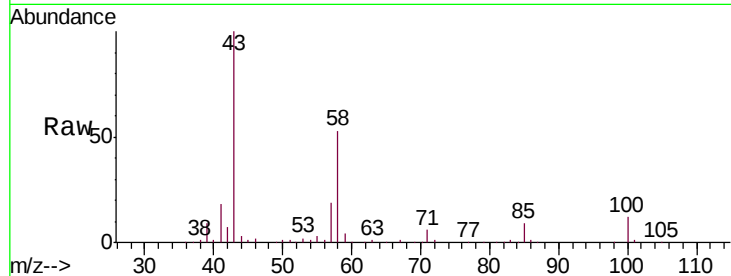




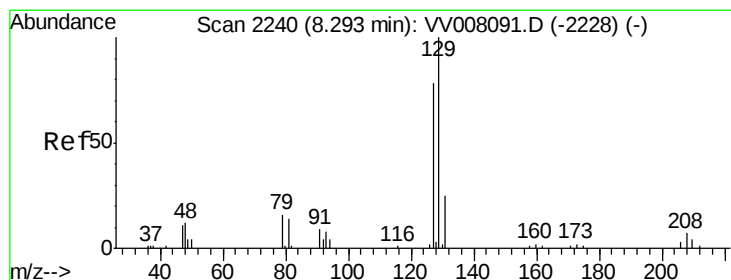
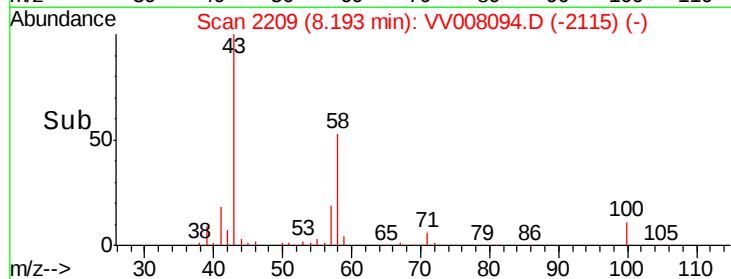
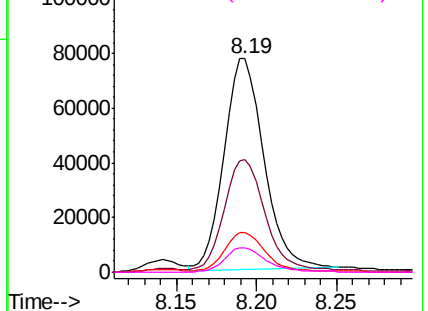
#48
2-Hexanone
Concen: 50.943 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Instrument :
MSVOA_V
ClientSampleId :
VICV74

Tgt Ion:	43	Resp:	131755
Ion	Ratio	Lower	Upper
43	100		
58	54.7	40.5	60.7
57	19.5	14.6	22.0
100	12.3	9.3	13.9

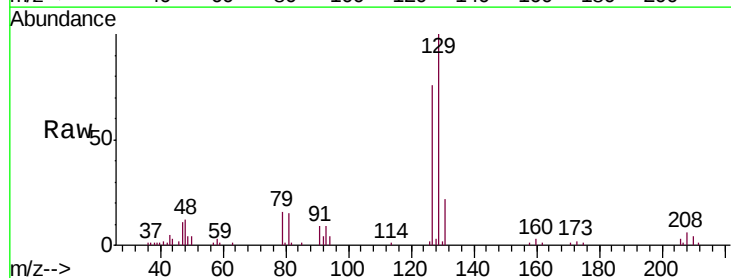


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

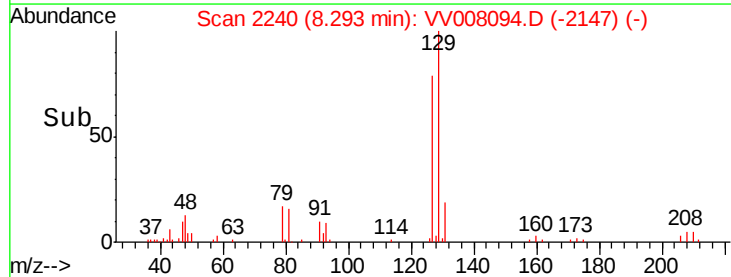
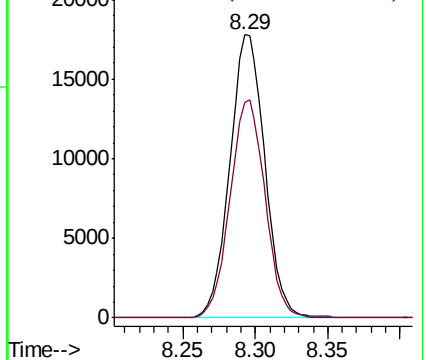


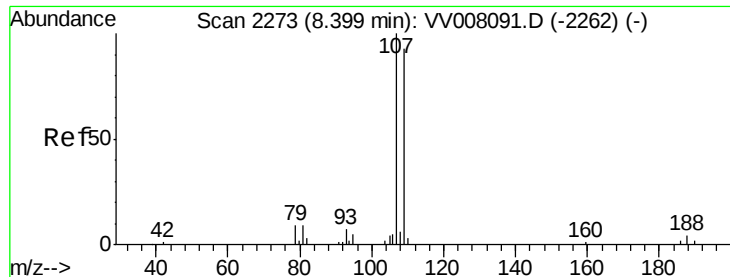
#49
Dibromochloromethane
Concen: 5.073 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion:	129	Resp:	29843
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.5	101.3



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

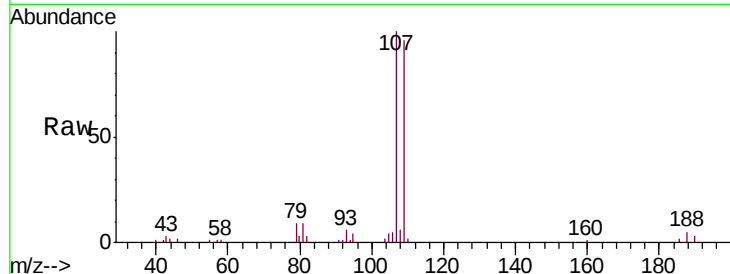




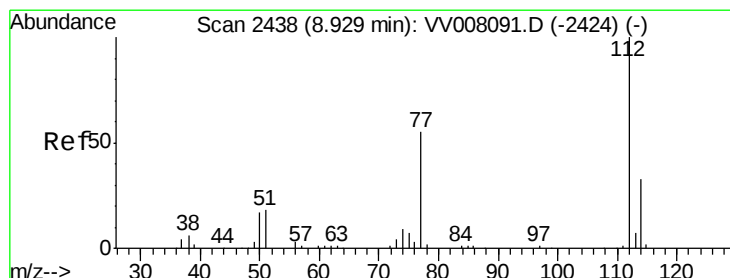
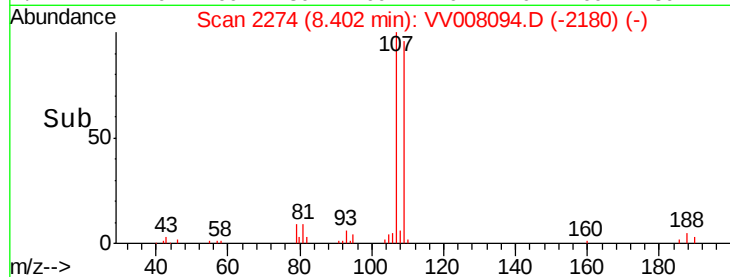
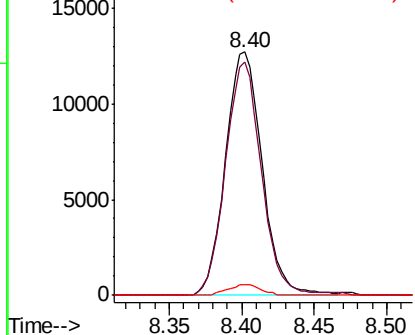
#50
1,2-Dibromoethane
Concen: 5.213 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Instrument :
MSVOA_V
ClientSampleId :
VICV74

Tgt Ion:107 Resp: 22316
Ion Ratio Lower Upper
107 100
109 95.9 65.5 121.6
188 4.6 3.5 5.3

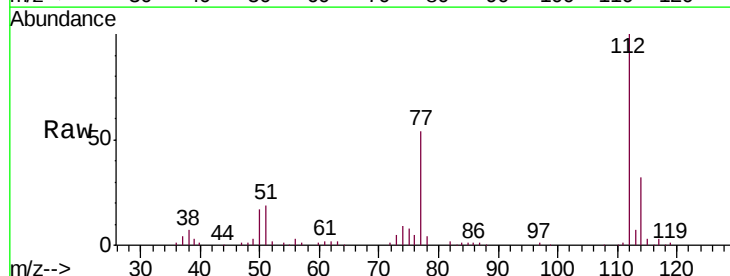


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

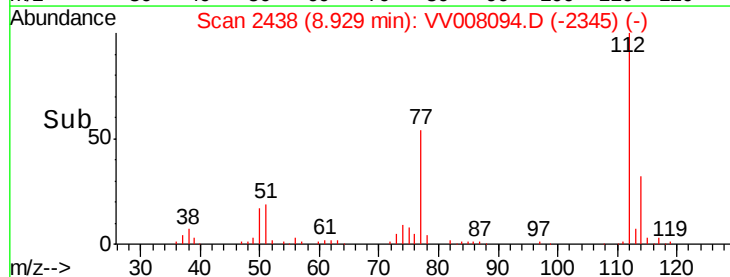
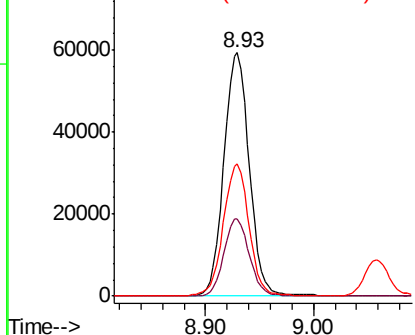


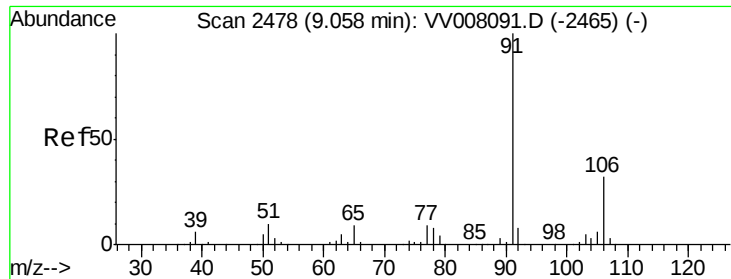
#51
Chlorobenzene
Concen: 5.286 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008094.D
Acq: 05 Oct 2018 13:10

Tgt Ion:112 Resp: 97836
Ion Ratio Lower Upper
112 100
114 31.9 22.8 42.4
77 54.4 44.6 66.8



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.327 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

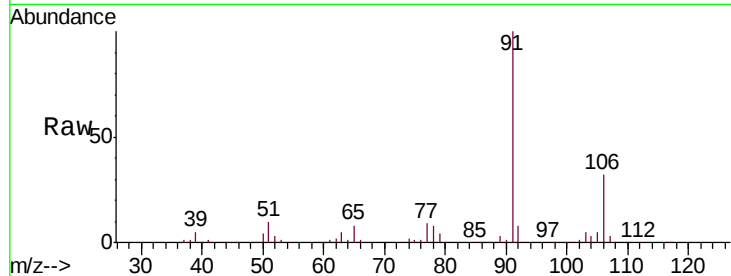
VICV74

Tgt Ion: 91 Resp: 153887

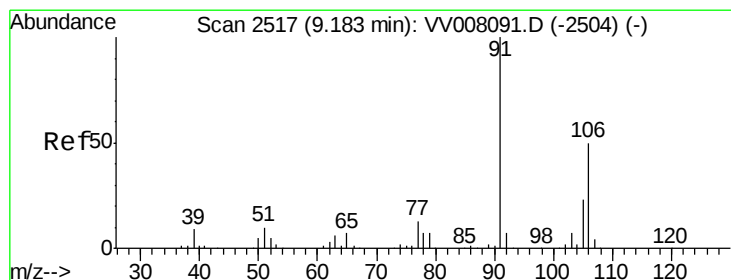
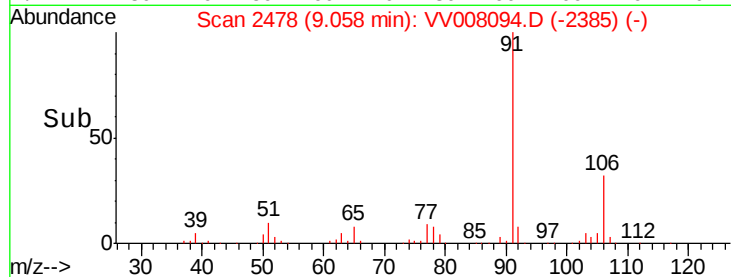
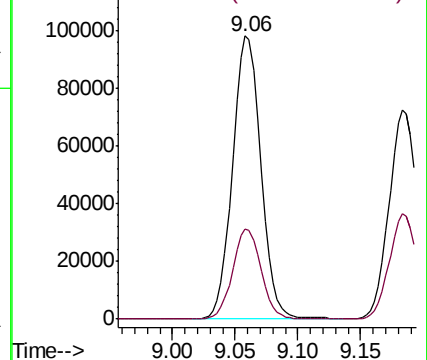
Ion Ratio Lower Upper

91 100

106 32.0 22.3 41.5



Abundance Ion 91.15 (90.85 to 91.85): VV008094.D (-2465) (-)



#53

m,p-xylene

Concen: 5.404 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008094.D

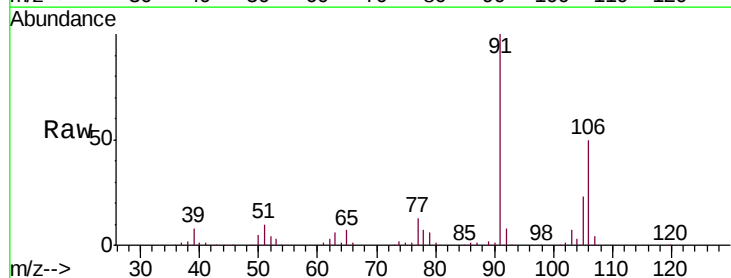
Acq: 05 Oct 2018 13:10

Tgt Ion: 106 Resp: 59184

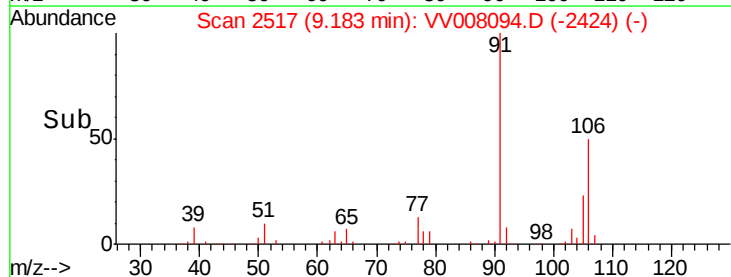
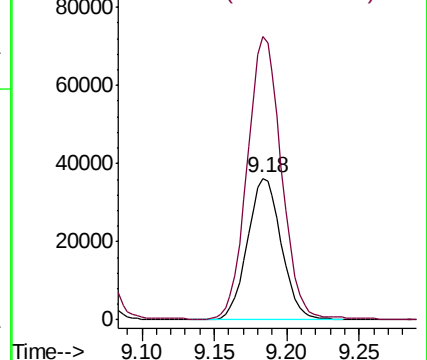
Ion Ratio Lower Upper

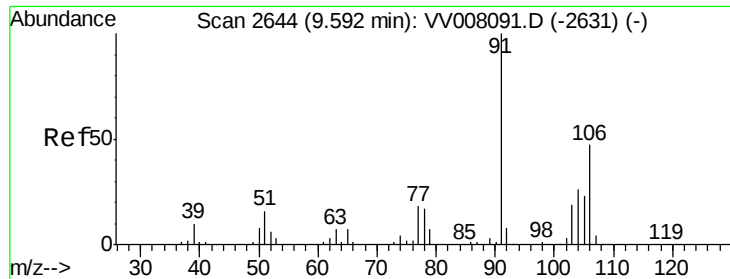
106 100

91 199.6 140.8 261.4



Abundance Ion 106.15 (105.85 to 106.85): VV008094.D (-2504) (-)





#54

o-xylene

Concen: 5.471 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

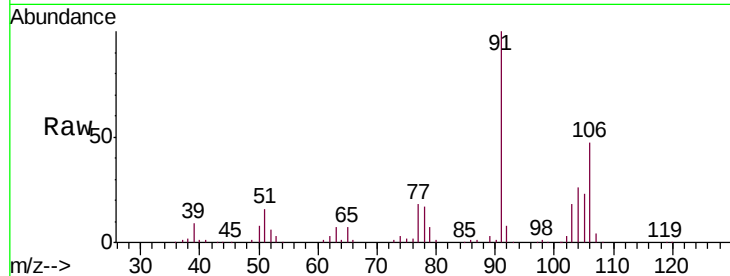
VICV74

Tgt Ion:106 Resp: 57197

Ion Ratio Lower Upper

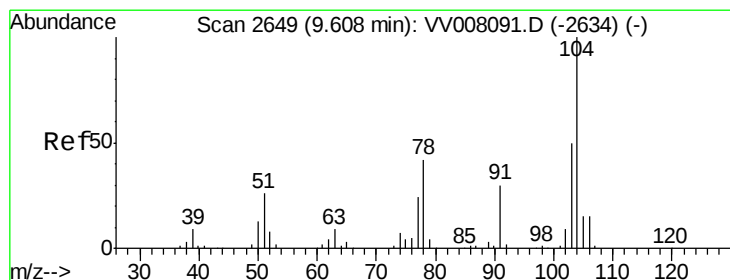
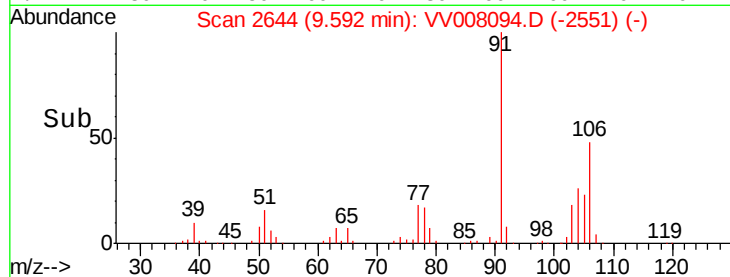
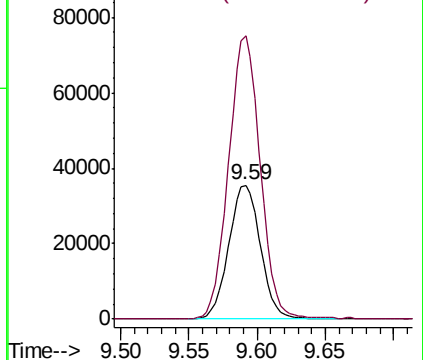
106 100

91 211.0 149.1 276.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.504 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV008094.D

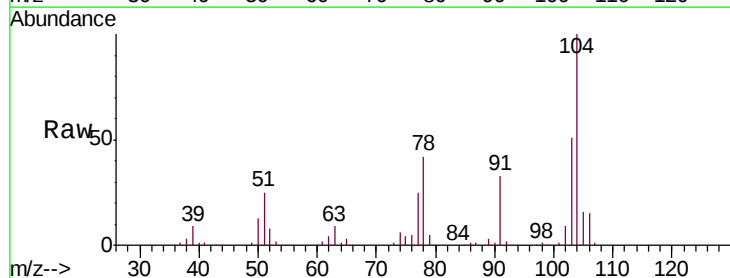
Acq: 05 Oct 2018 13:10

Tgt Ion:104 Resp: 98002

Ion Ratio Lower Upper

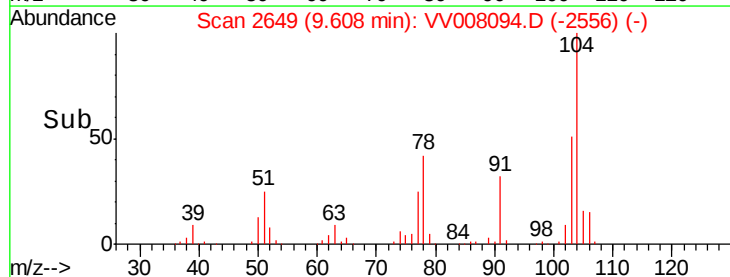
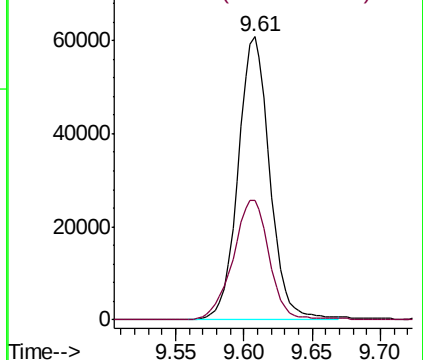
104 100

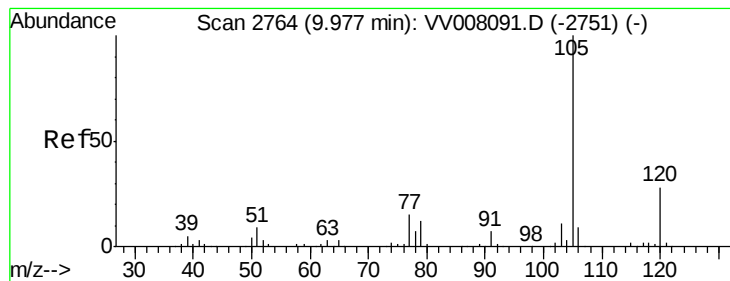
78 42.2 29.5 54.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.409 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampled :

VICV74

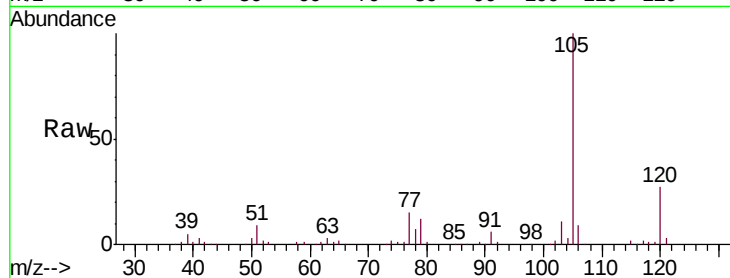
Tgt Ion: 105 Resp: 155557

Ion Ratio Lower Upper

105 100

120 27.2 21.9 32.9

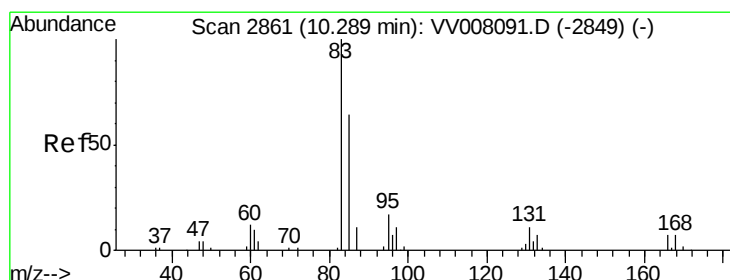
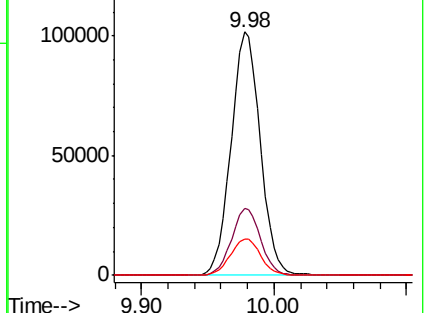
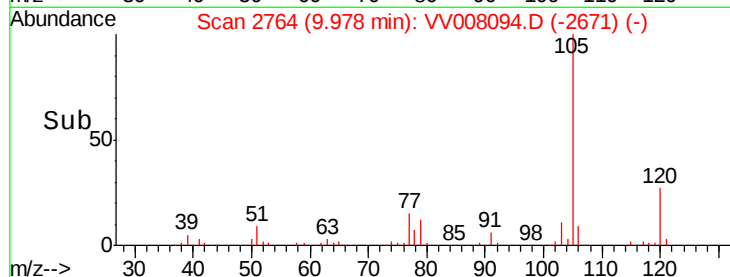
77 15.5 12.2 18.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.202 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

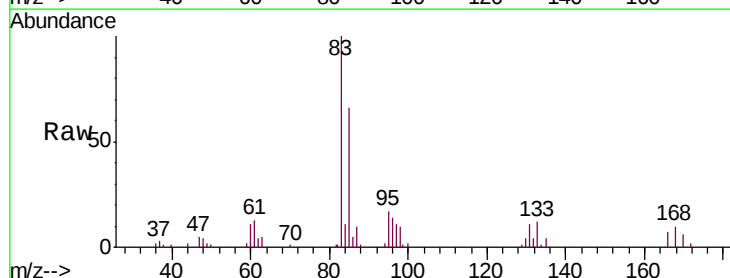
Tgt Ion: 83 Resp: 28435

Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7

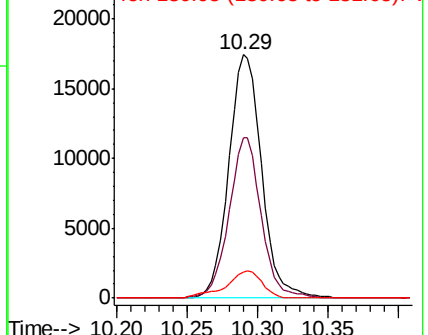
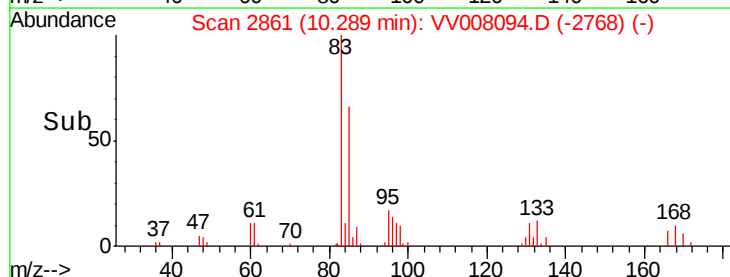
131 10.6 8.8 13.2

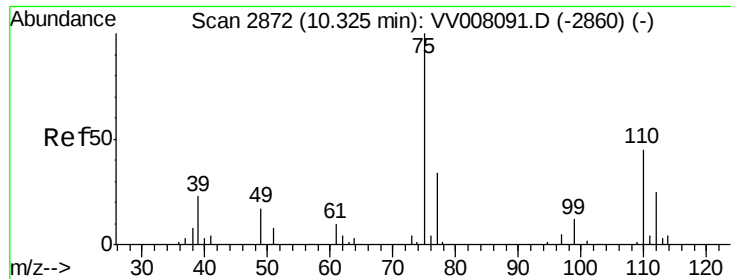


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

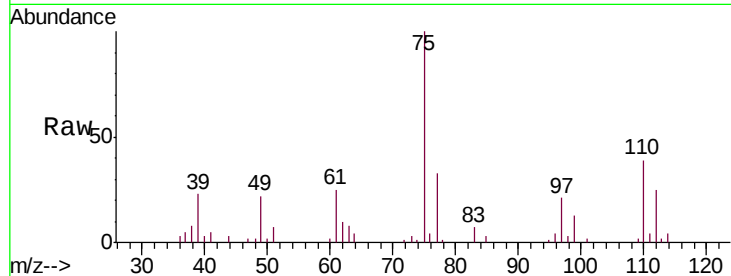




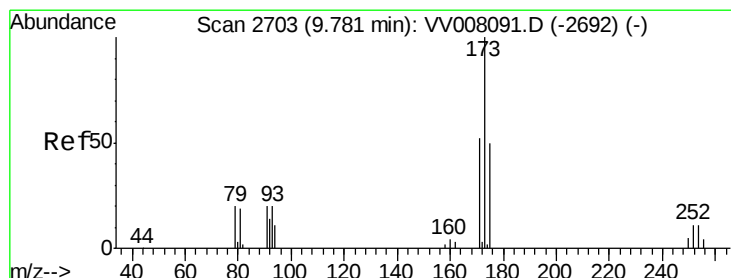
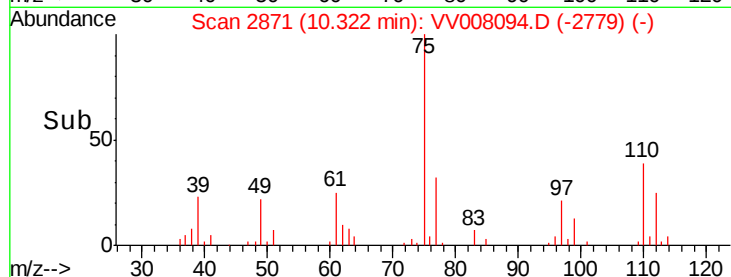
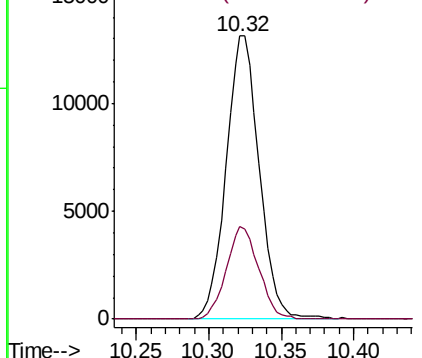
#59
 1,2,3-Trichloropropane
 Concen: 5.286 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Instrument :
 MSVOA_V
 ClientSampled :
 VICV74

Tgt Ion: 75 Resp: 20745
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.8 41.6

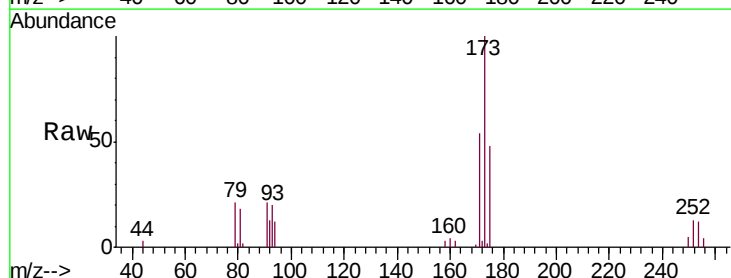


Abundance Ion 75.00 (74.70 to 75.70): VV008091.D (-2860) (-)
 Ion 77.00 (76.70 to 77.70): VV008091.D (-2860) (-)

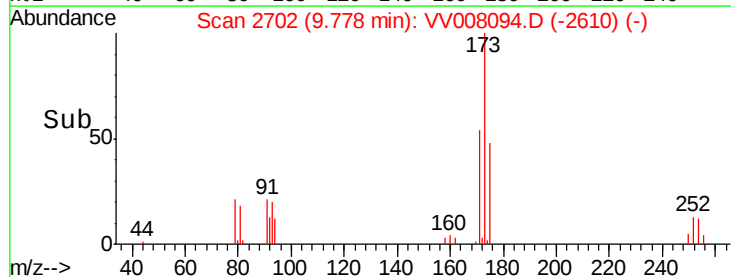
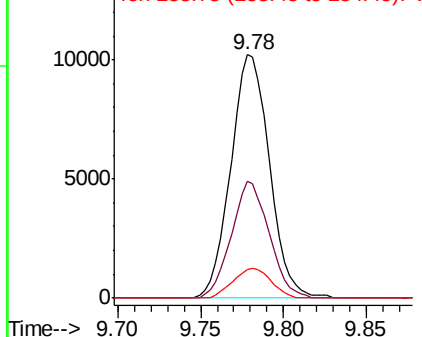


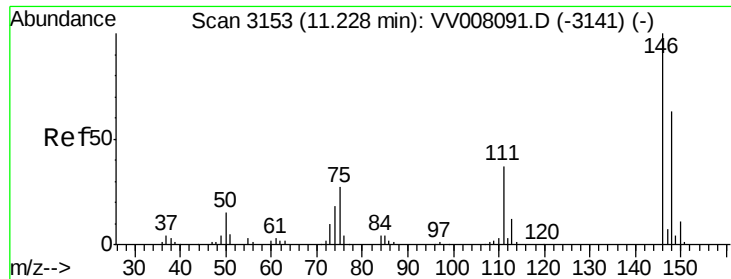
#61
 Bromoform
 Concen: 5.202 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. -0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion: 173 Resp: 16579
 Ion Ratio Lower Upper
 173 100
 175 46.6 39.8 59.8
 254 11.9 9.4 14.0



Abundance Ion 172.90 (172.60 to 173.60): VV008091.D (-2692) (-)
 Ion 174.90 (174.60 to 175.60): VV008091.D (-2692) (-)
 Ion 253.75 (253.45 to 254.45): VV008091.D (-2692) (-)





#62

1,3-Dichlorobenzene

Concen: 5.245 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

VICV74

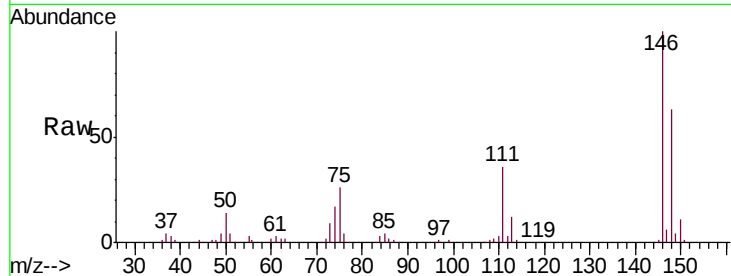
Tgt Ion:146 Resp: 80815

Ion Ratio Lower Upper

146 100

111 36.1 25.8 48.0

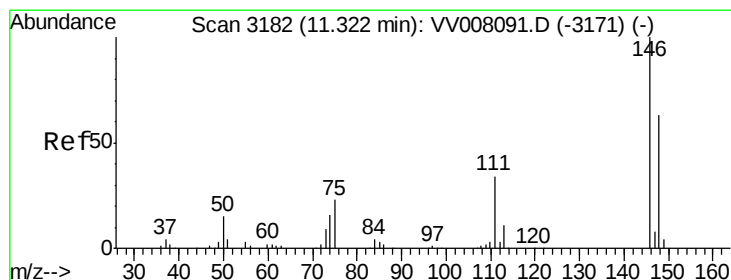
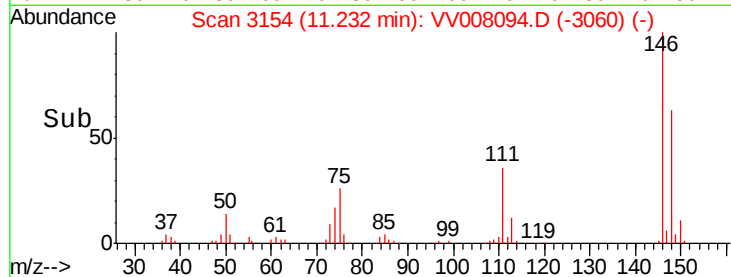
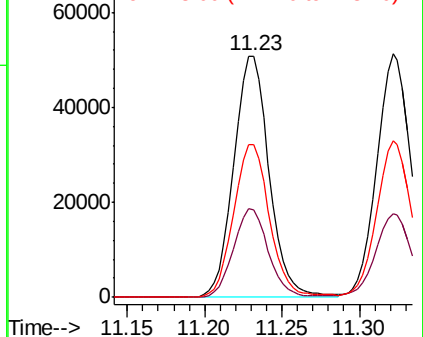
148 63.4 44.4 82.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.190 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

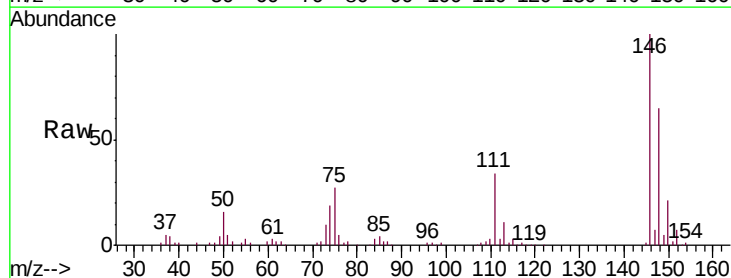
Tgt Ion:146 Resp: 81517

Ion Ratio Lower Upper

146 100

111 34.3 24.2 45.0

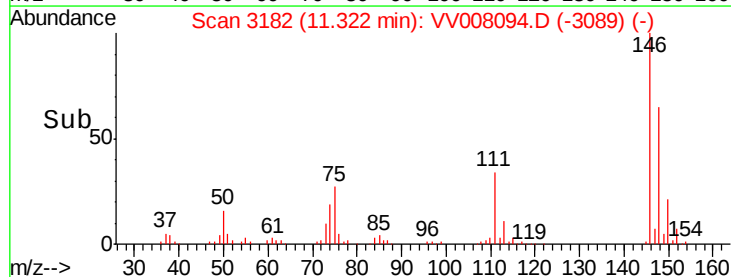
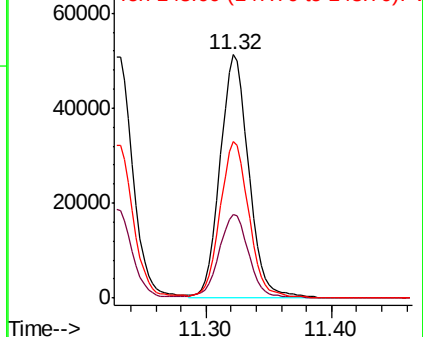
148 64.5 44.0 81.6

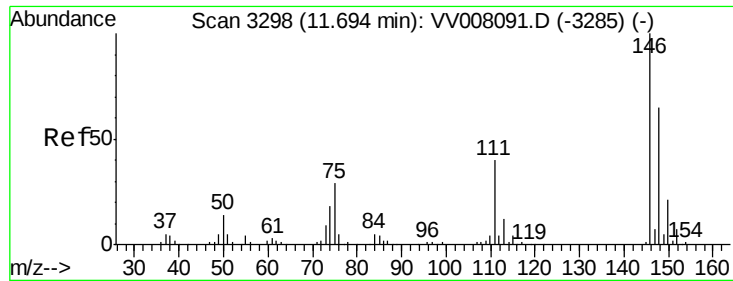


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.260 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

VICV74

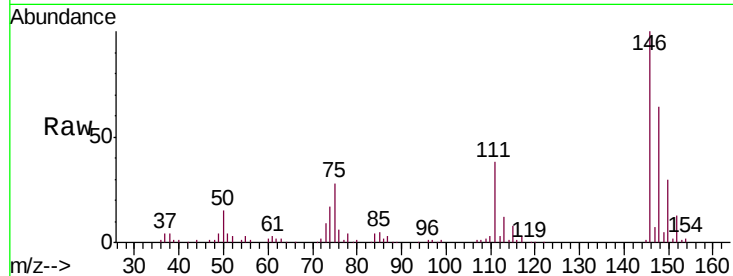
Tgt Ion:146 Resp: 78297

Ion Ratio Lower Upper

146 100

111 38.2 31.8 47.6

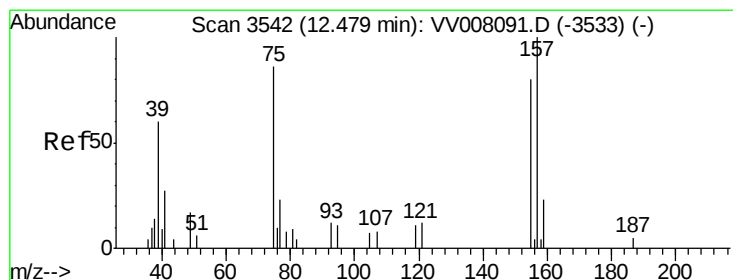
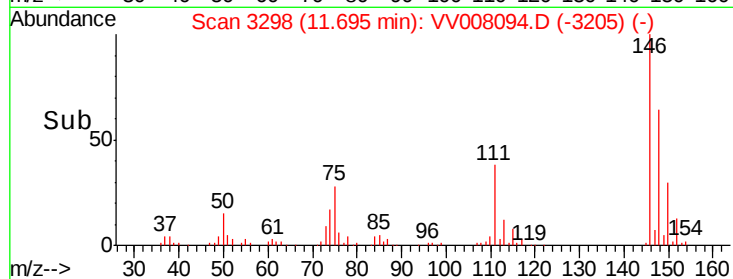
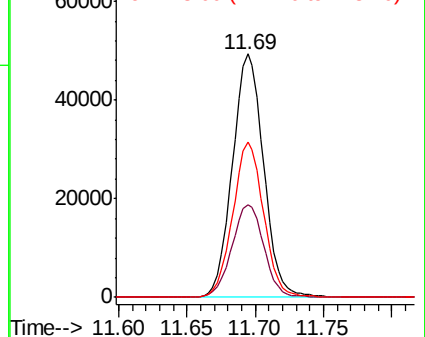
148 63.8 52.2 78.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 5.053 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

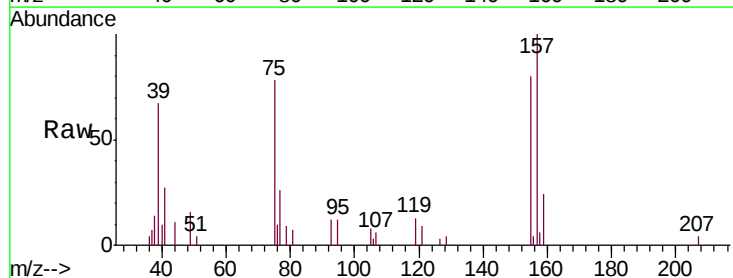
Tgt Ion: 75 Resp: 3928

Ion Ratio Lower Upper

75 100

155 103.0 74.7 112.1

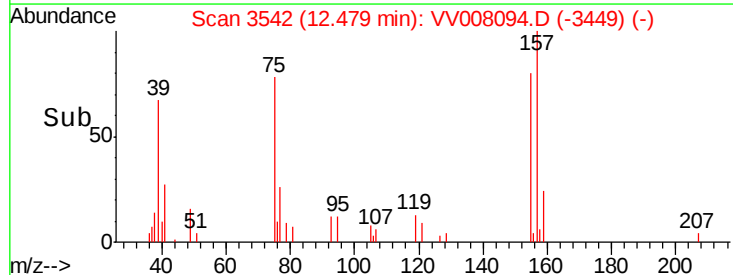
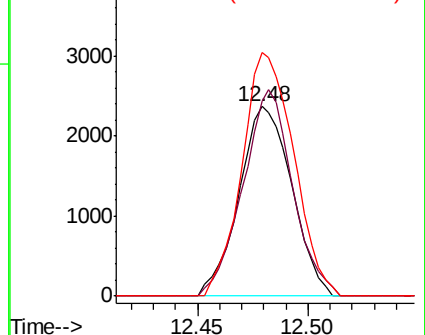
157 128.3 93.1 139.7

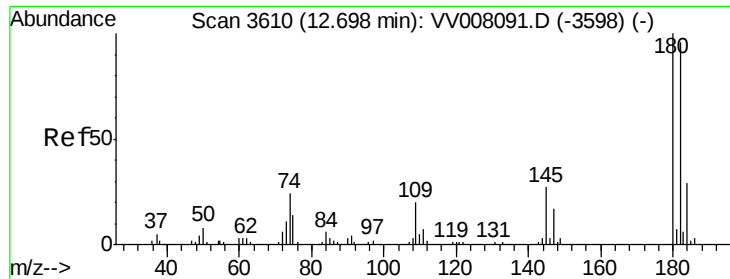


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

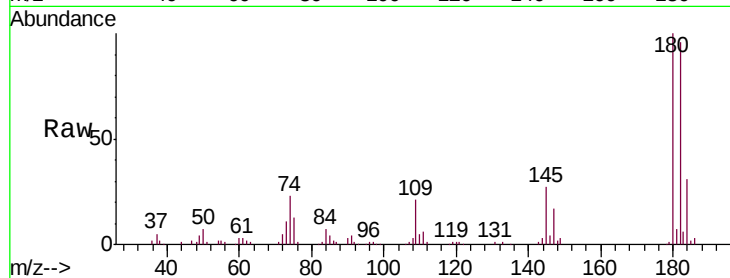




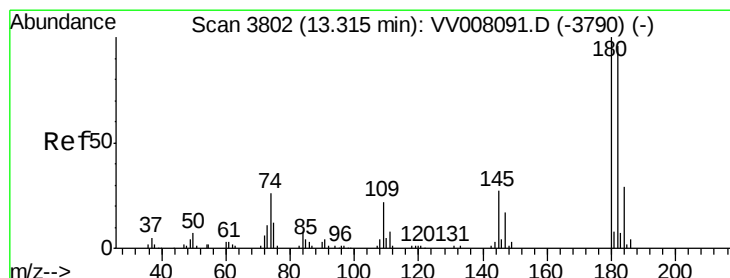
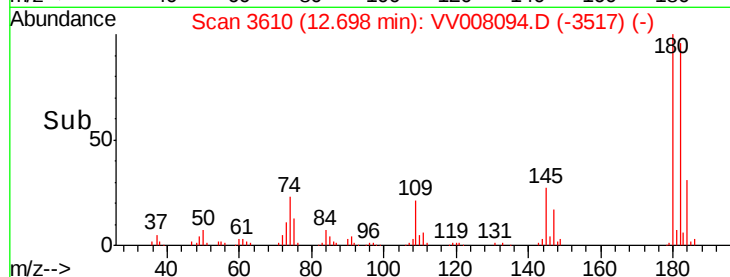
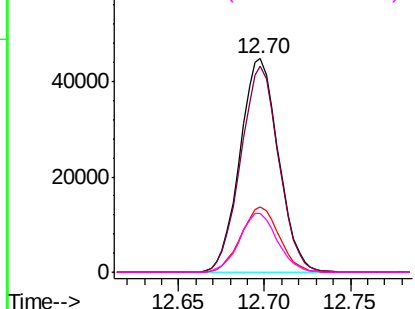
#67
 1,3,5-Trichlorobenzene
 Concen: 5.303 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion:180 Resp: 69633
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.6
 184 30.5 24.2 36.2
 145 27.2 22.2 33.2

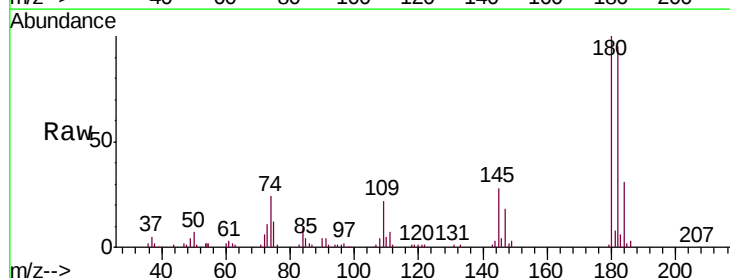


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

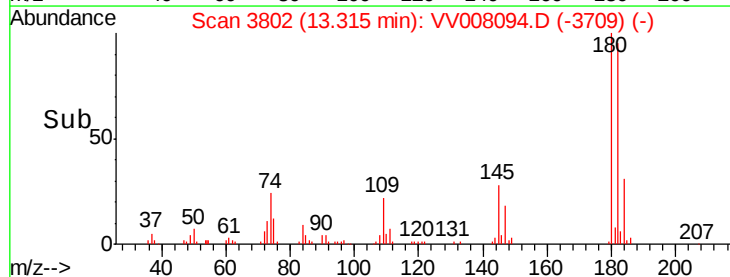
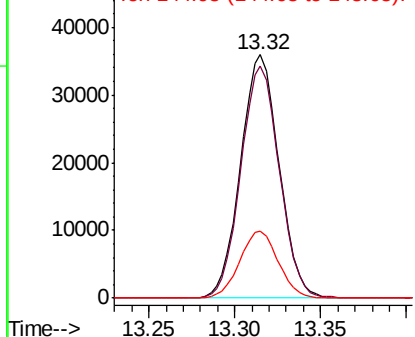


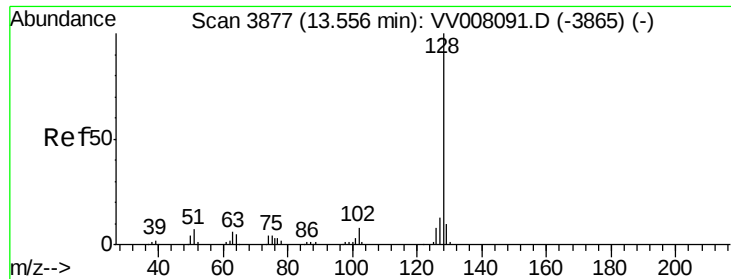
#68
 1,2,4-trichlorobenzene
 Concen: 5.682 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008094.D
 Acq: 05 Oct 2018 13:10

Tgt Ion:180 Resp: 55654
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 27.6 22.1 33.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.657 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

VICV74

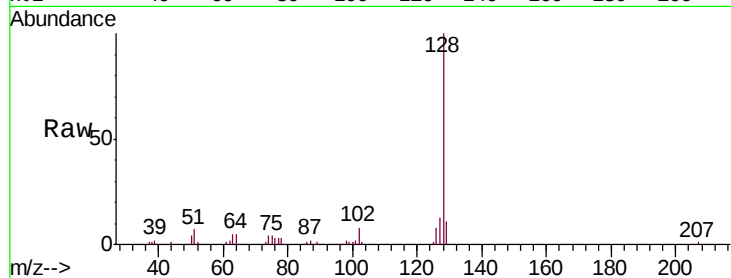
Tgt Ion:128 Resp: 70745

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

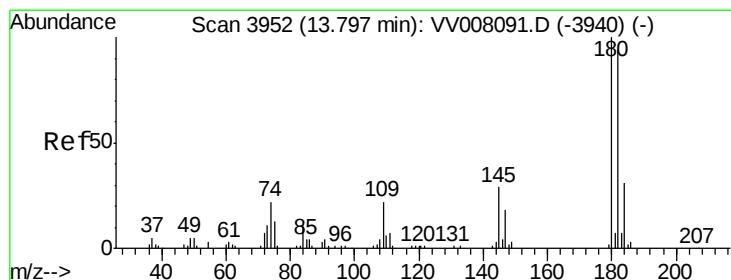
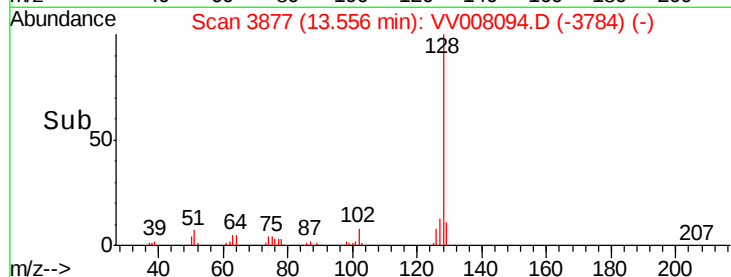
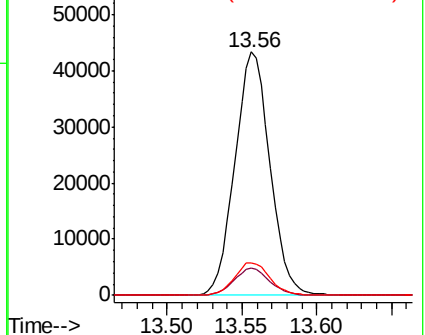
127 13.6 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.543 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV008094.D

Acq: 05 Oct 2018 13:10

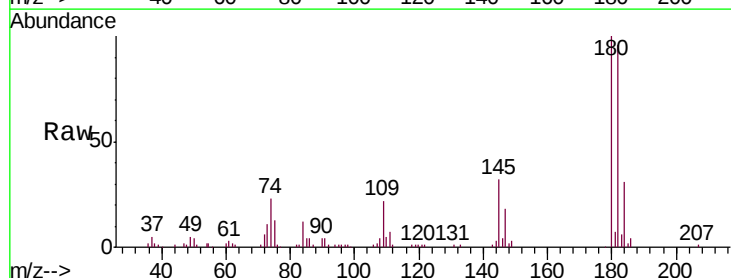
Tgt Ion:180 Resp: 51627

Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

145 30.2 23.2 34.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

