

Data File : VV010807.D
Acq On : 10 May 2019 11:27
Operator : SY/MD
Sample : K2692-07
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5107

Quant Time: May 10 23:02:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99117	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31699	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
7) Chloroethane-d5	1.57	69	27744	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	2.12	63	62531	18.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.88%
20) 2-Butanone-d5	3.93	46	19318	41.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.62%
24) Chloroform-d	4.40	84	60397	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	37919	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	5.10	84	117157	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	6.12	67	38078	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	7.36	98	111523	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	7.66	79	16038	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	8.13	63	14045	40.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32891	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	39366	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16616	12.104 ug/L	98
5) Vinyl chloride	1.32	62	21572	11.125 ug/L	97
8) Chloroethane	1.59	64	21036	17.420 ug/L	100
12) 1,1-Dichloroethene	2.14	96	17246	11.052 ug/L	# 76
13) Acetone	2.19	43	91158	127.436 ug/L	99
14) Carbon disulfide	2.31	76	81251	21.189 ug/L	98
16) Methylene chloride	2.53	84	45360	29.598 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	34088	24.168 ug/L	96
19) 1,1-Dichloroethane	3.23	63	27292	10.023 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	46235	28.695 ug/L	98
23) Bromochloromethane	4.30	128	26383	36.426 ug/L	92
25) Chloroform	4.42	83	33383	11.128 ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	98916	39.804 ug/L	100
32) Carbon tetrachloride	4.87	117	30957	14.301 ug/L	94
35) Trichloroethene	5.96	95	48967	29.878 ug/L	98
40) 1,2-Dichloropropane	6.22	63	29498	18.952 ug/L	100
41) Bromodichloromethane	6.55	83	24553	11.481 ug/L	98

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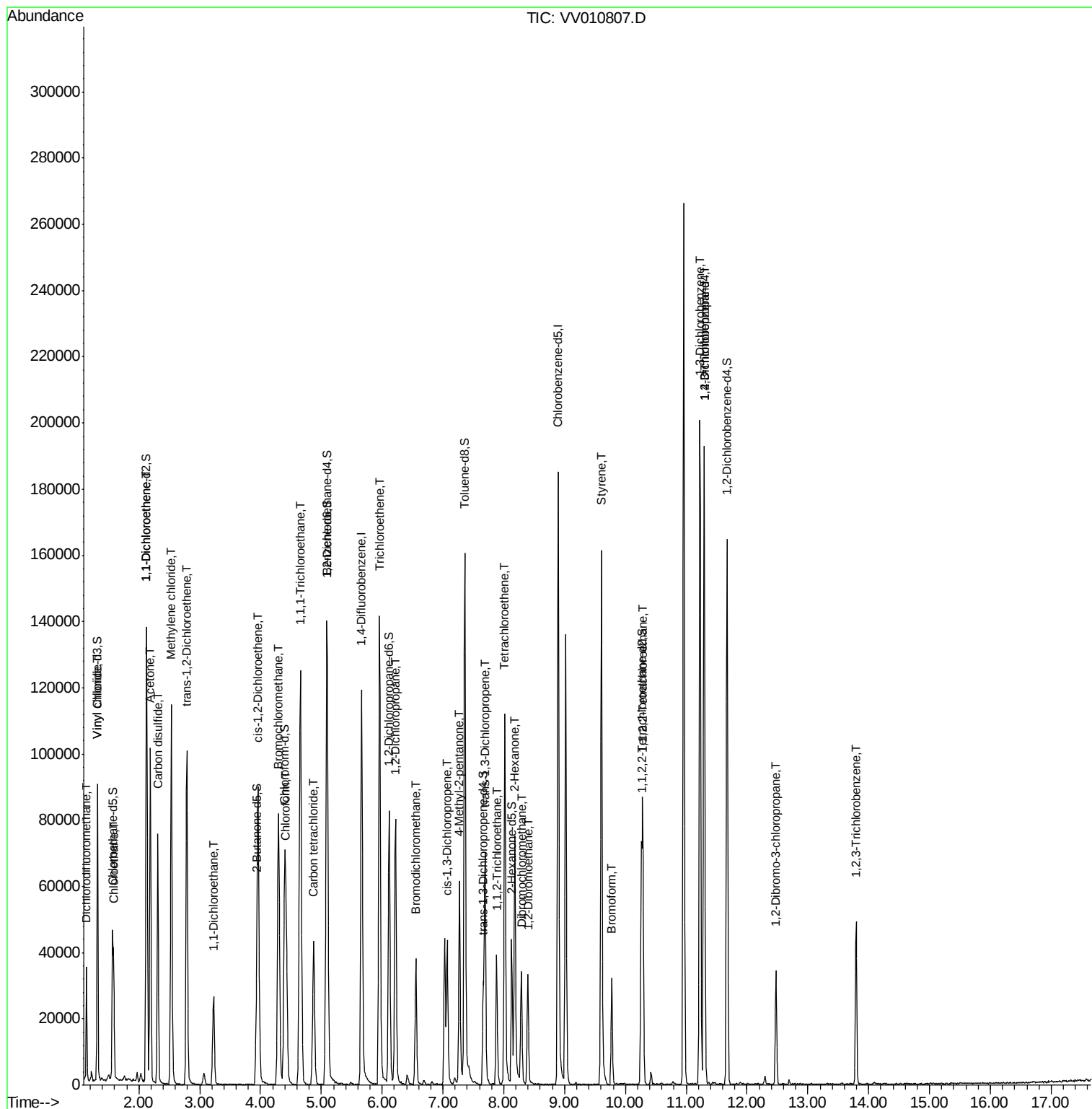
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	7.07	75	24211	9.835	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	41148	31.407	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	36473	17.594	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	11933	9.332	ug/L	97
47) Tetrachloroethene	8.02	164	22628	19.065	ug/L	91
49) 2-Hexanone	8.18	43	47337	47.522	ug/L	96
50) Dibromochloromethane	8.29	129	16408	11.159	ug/L	99
51) 1,2-Dibromoethane	8.40	107	21583	17.477	ug/L	99
56) Styrene	9.60	104	76804	15.904	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	37585	22.436	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	6594	5.043	ug/L	90
62) Bromoform	9.78	173	13085	16.323	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	76078	23.216	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8772	29.702	ug/L	92
70) 1,2,3-Trichlorobenzene	13.79	180	12360	7.214	ug/L	97

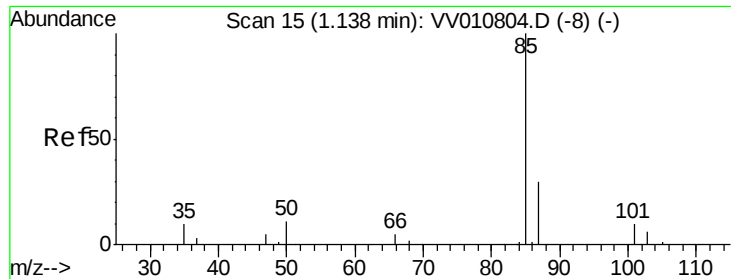
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 12.104 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

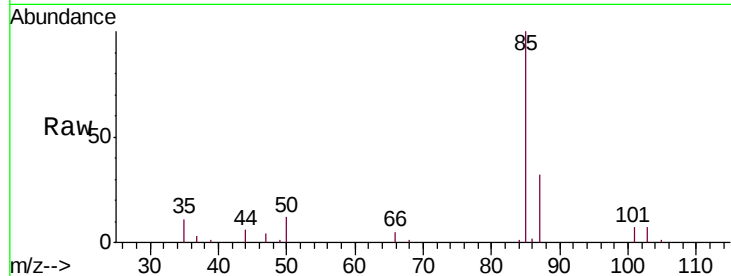
A5107

Tgt Ion: 85 Resp: 16616

Ion Ratio Lower Upper

85 100

87 32.4 21.9 40.7



Abundance Ion 85.00 (84.70 to 85.70): VV010807.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV010807.D (-8) (-)

1.14

20000

15000

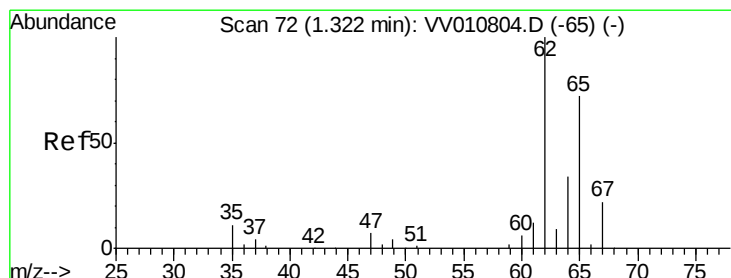
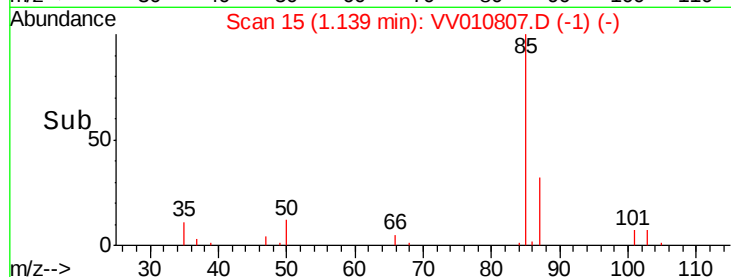
10000

5000

0

1.10 1.12 1.14 1.16 1.18

Time-->



#5

Vinyl chloride

Concen: 11.125 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV010807.D

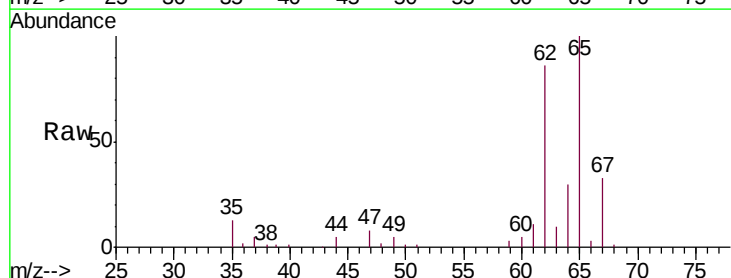
Acq: 10 May 2019 11:27

Tgt Ion: 62 Resp: 21572

Ion Ratio Lower Upper

62 100

64 34.3 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV010807.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VV010807.D (-65) (-)

1.32

25000

20000

15000

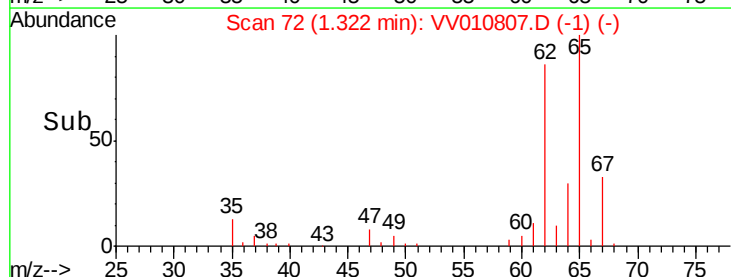
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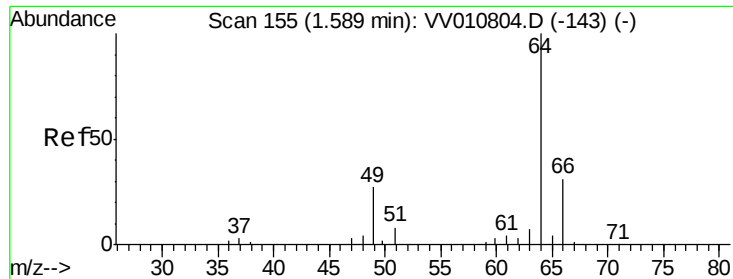
5000

0

1.28 1.30 1.32 1.34 1.36

Time-->

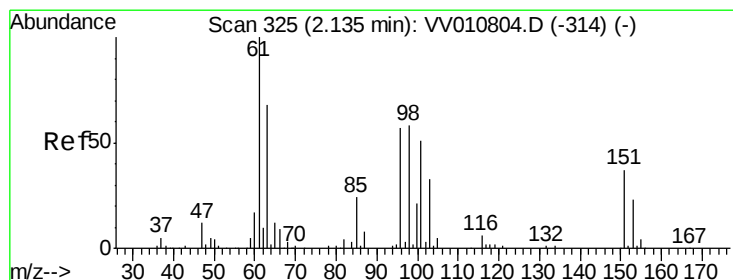
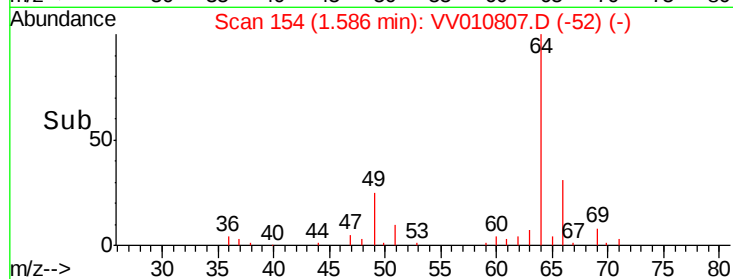
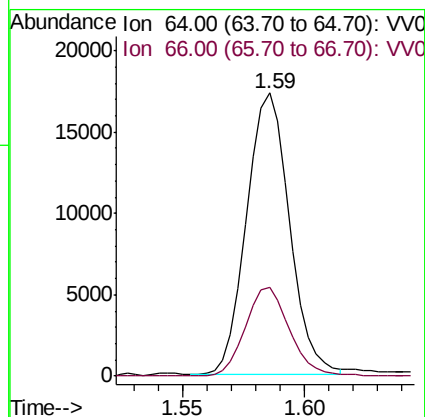
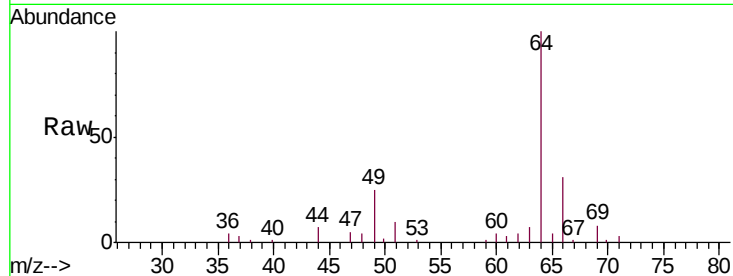




#8
 Chloroethane
 Concen: 17.420 ug/L
 RT: 1.59 min Scan# 154
 Delta R.T. -0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

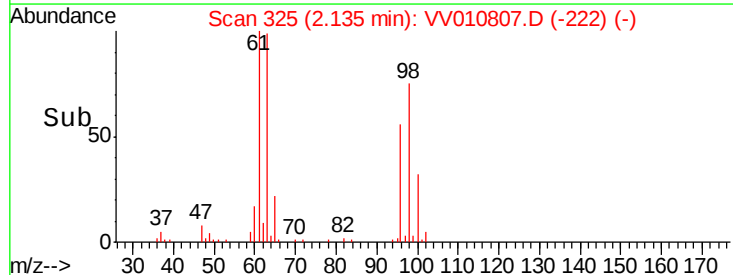
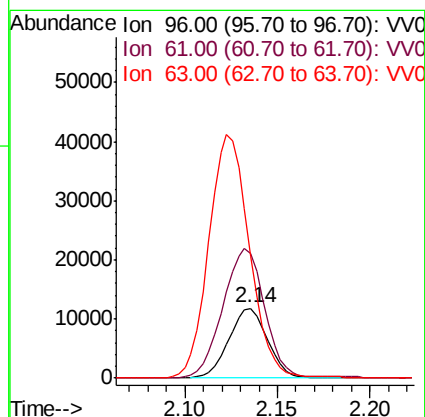
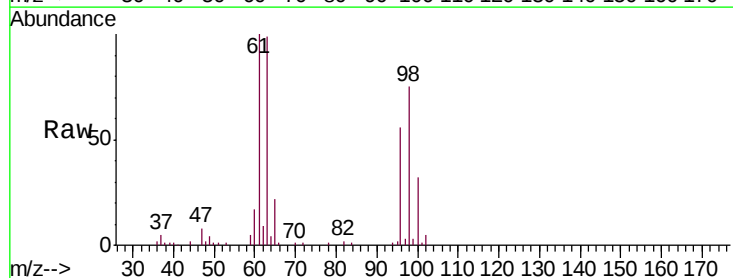
Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

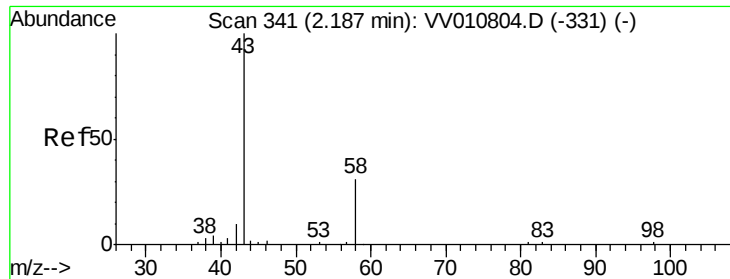
Tgt Ion: 64 Resp: 21036
 Ion Ratio Lower Upper
 64 100
 66 31.2 21.8 40.4



#12
 1,1-Dichloroethene
 Concen: 11.052 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Tgt Ion: 96 Resp: 17246
 Ion Ratio Lower Upper
 96 100
 61 178.4 120.3 223.3
 63 176.1 82.9 153.9#





#13

Acetone

Concen: 127.436 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampled :

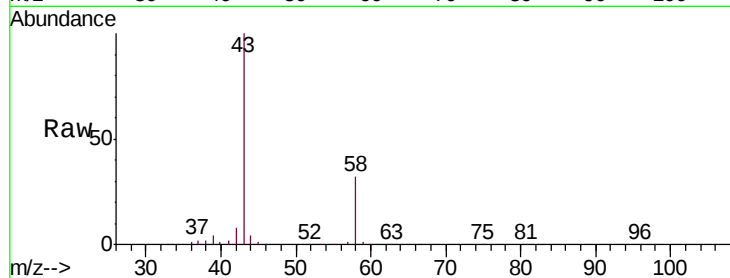
A5107

Tgt Ion: 43 Resp: 91158

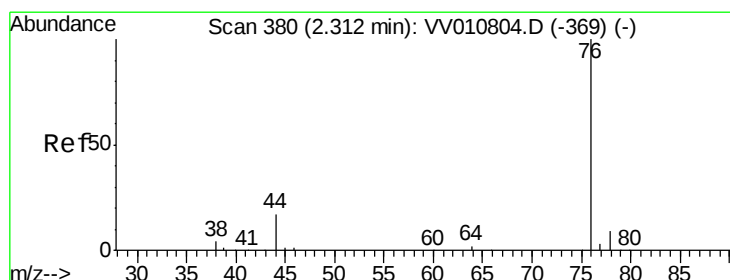
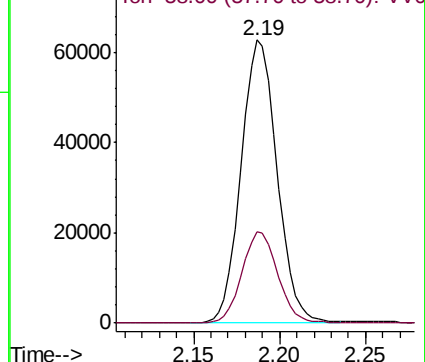
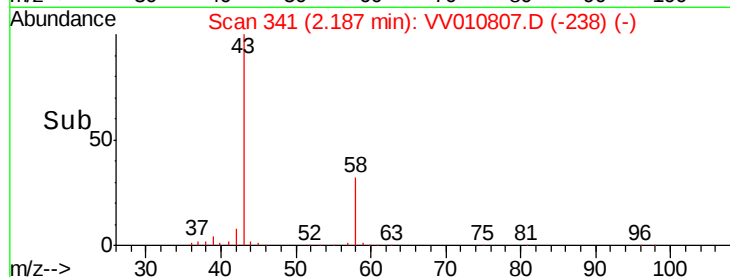
Ion Ratio Lower Upper

43 100

58 32.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010807.D (-238) (-)



#14

Carbon disulfide

Concen: 21.189 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV010807.D

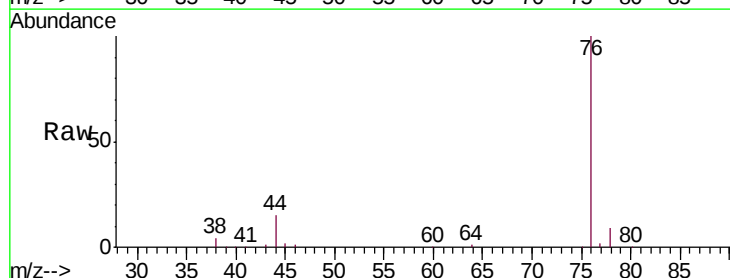
Acq: 10 May 2019 11:27

Tgt Ion: 76 Resp: 81251

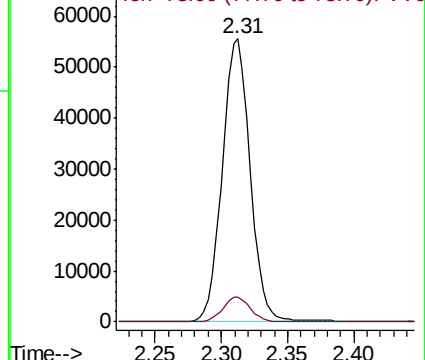
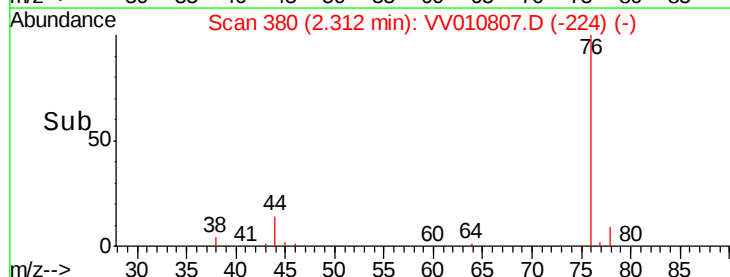
Ion Ratio Lower Upper

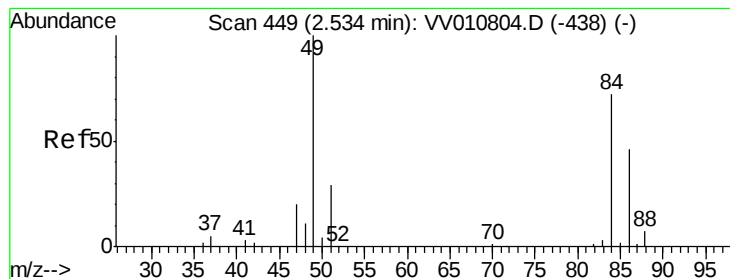
76 100

78 8.9 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010807.D (-224) (-)





#16

Methylene chloride

Concen: 29.598 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

A5107

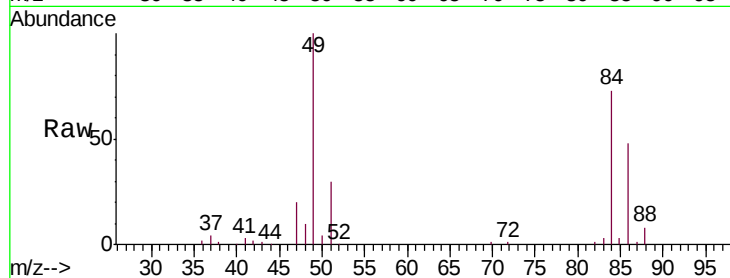
Tgt Ion: 84 Resp: 45360

Ion Ratio Lower Upper

84 100

49 136.3 92.9 172.5

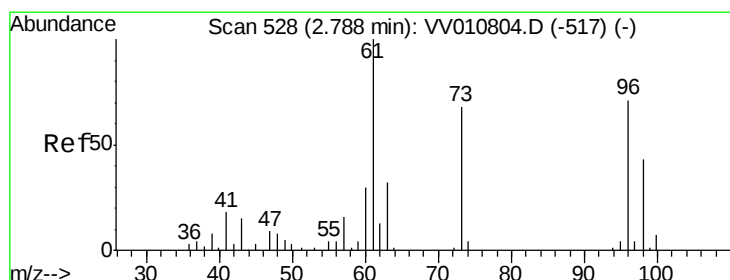
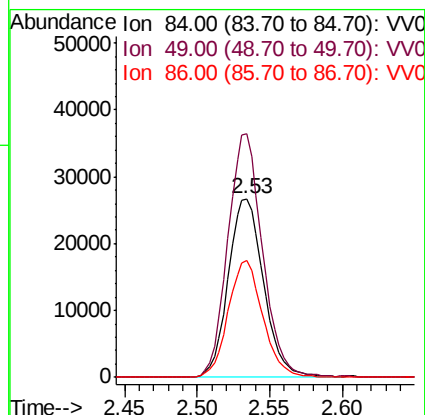
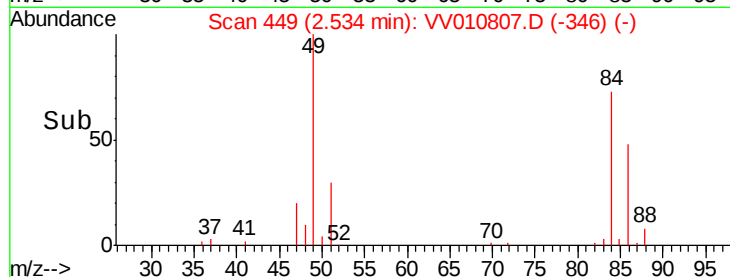
86 65.1 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010807.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010807.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010807.D (-438) (-)



#18

trans-1,2-Dichloroethene

Concen: 24.168 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

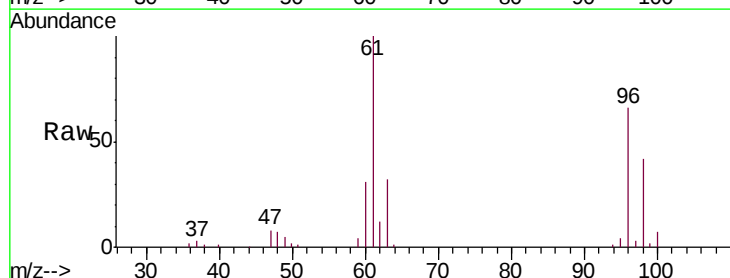
Tgt Ion: 96 Resp: 34088

Ion Ratio Lower Upper

96 100

61 152.4 102.8 190.8

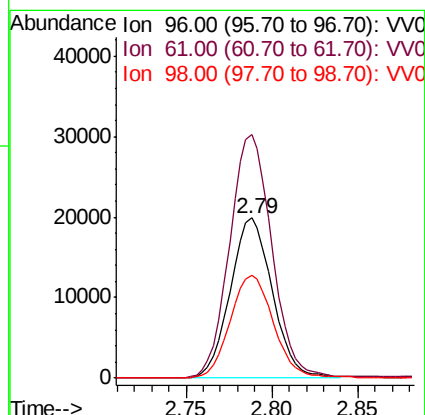
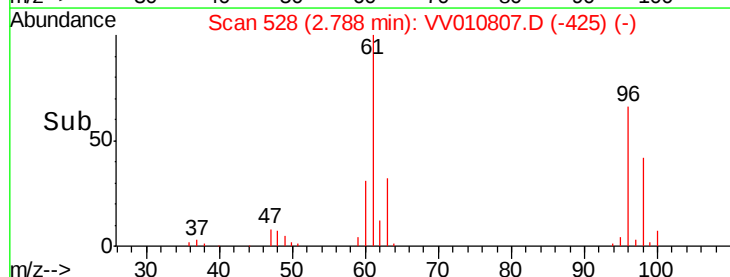
98 64.1 44.0 81.6

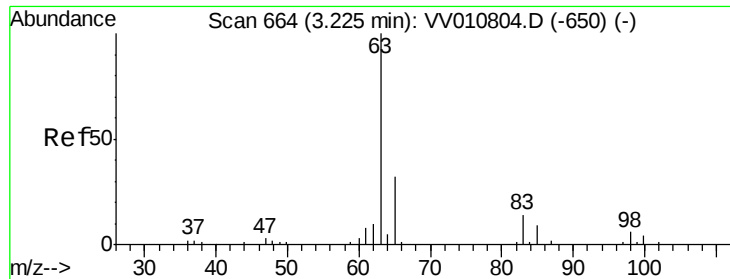


Abundance Ion 96.00 (95.70 to 96.70): VV010807.D (-425) (-)

Ion 61.00 (60.70 to 61.70): VV010807.D (-425) (-)

Ion 98.00 (97.70 to 98.70): VV010807.D (-425) (-)

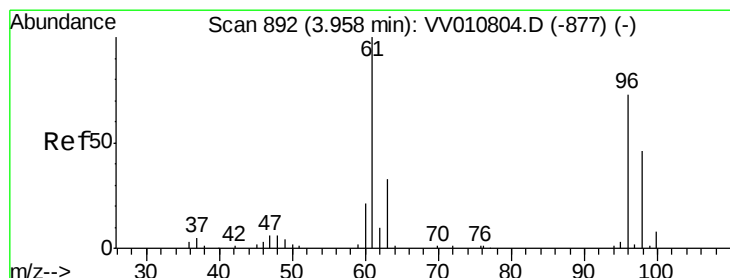
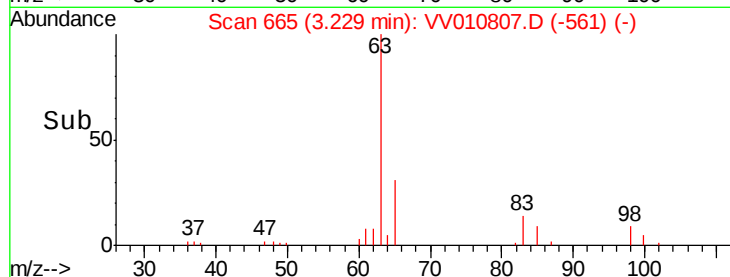
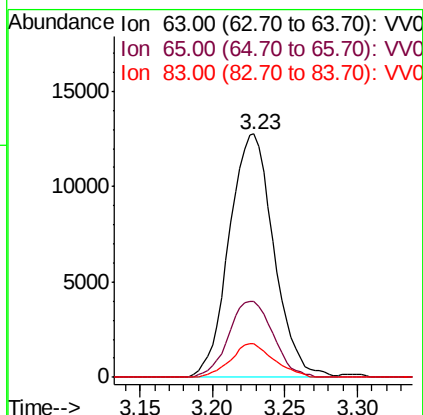
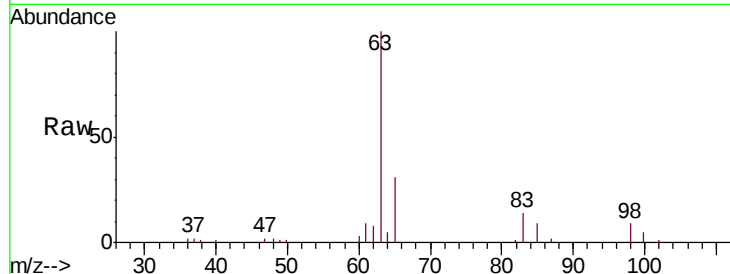




#19
 1,1-Dichloroethane
 Concen: 10.023 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

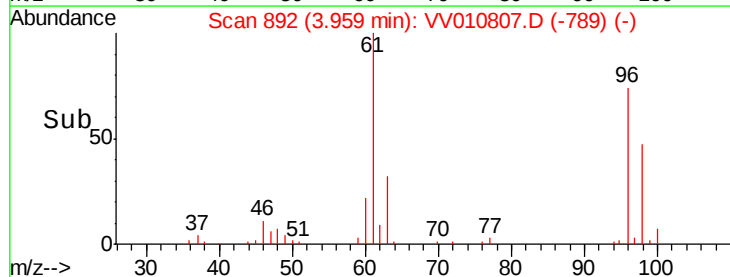
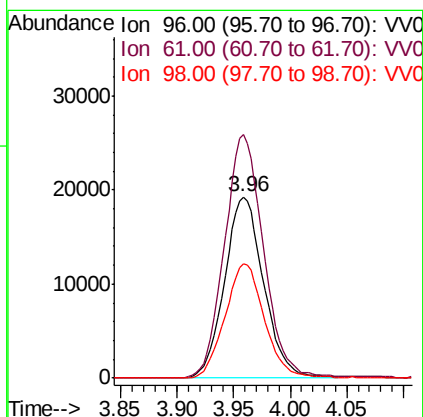
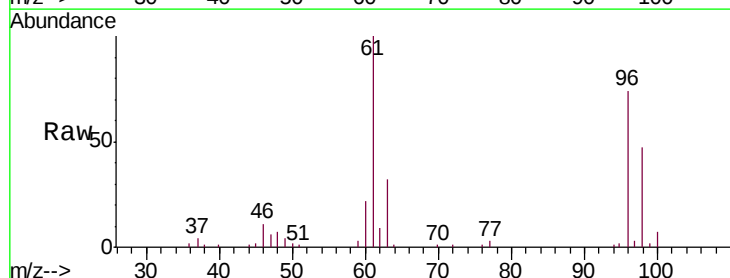
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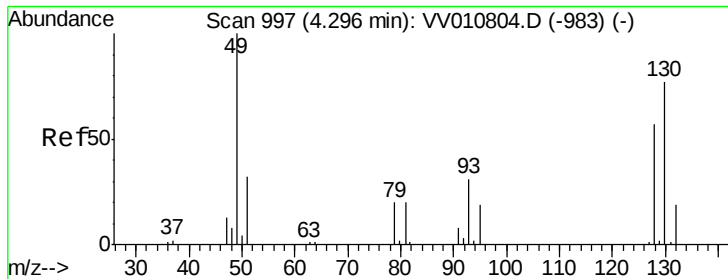
Tgt Ion: 63 Resp: 27292
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.5 41.7
 83 13.7 10.3 19.1



#22
 cis-1,2-Dichloroethene
 Concen: 28.695 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Tgt Ion: 96 Resp: 46235
 Ion Ratio Lower Upper
 96 100
 61 134.4 93.9 174.5
 98 62.9 46.5 86.5





#23

Bromochloromethane

Concen: 36.426 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.00 min

Lab File: VV010807.D

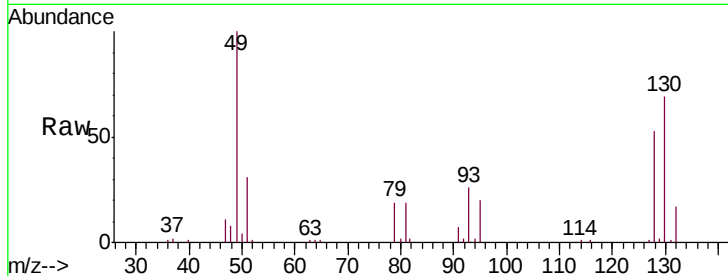
Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

A5107



Tgt Ion:128 Resp: 26383

Ion Ratio Lower Upper

128 100

49 187.9 122.6 227.8

130 129.3 84.0 156.0

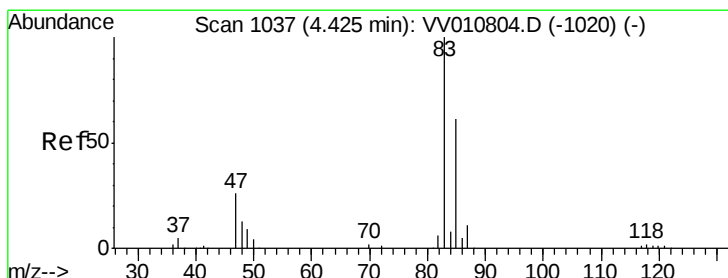
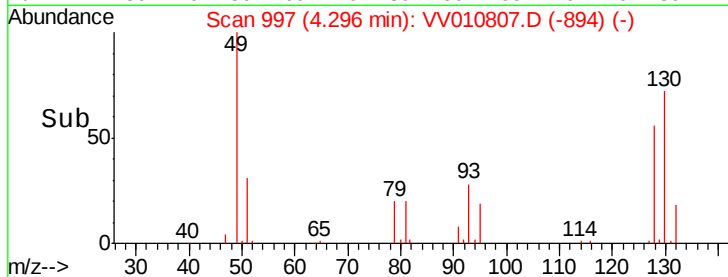
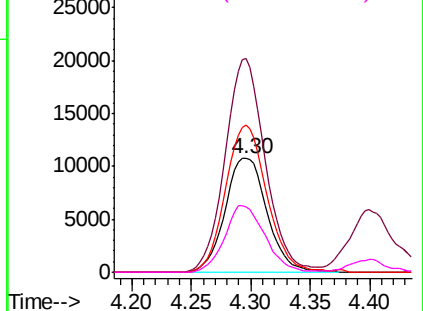
51 57.8 45.0 67.4

Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 11.128 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010807.D

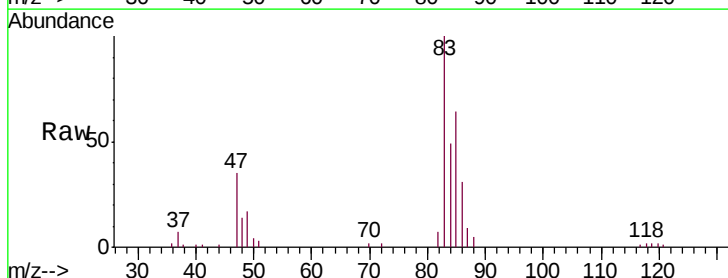
Acq: 10 May 2019 11:27

Tgt Ion: 83 Resp: 33383

Ion Ratio Lower Upper

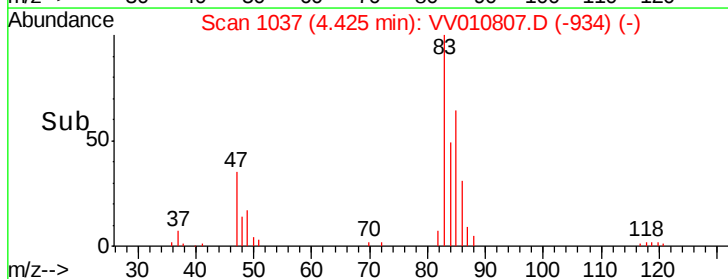
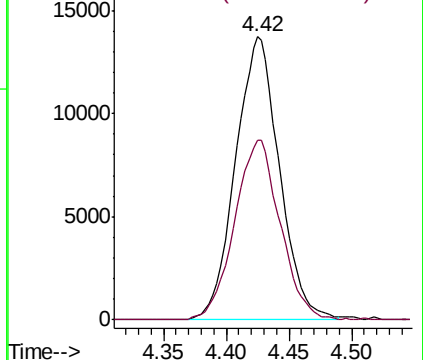
83 100

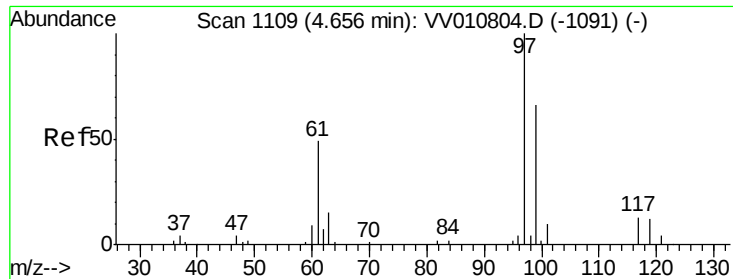
85 65.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#31

1,1,1-Trichloroethane

Concen: 39.804 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

A5107

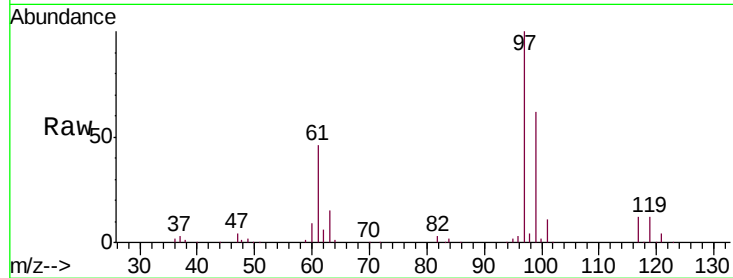
Tgt Ion: 97 Resp: 98916

Ion Ratio Lower Upper

97 100

99 63.0 50.2 75.2

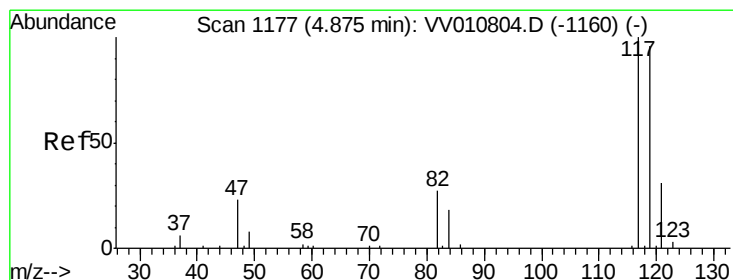
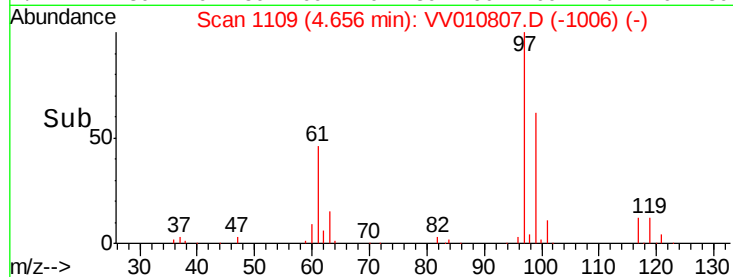
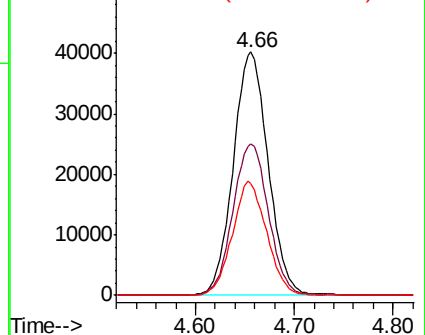
61 46.1 36.7 55.1



Abundance Ion 97.00 (96.70 to 97.70): VV010807.D (-1091) (-)

Ion 99.00 (98.70 to 99.70): VV010807.D (-1091) (-)

Ion 61.00 (60.70 to 61.70): VV010807.D (-1091) (-)



#32

Carbon tetrachloride

Concen: 14.301 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV010807.D

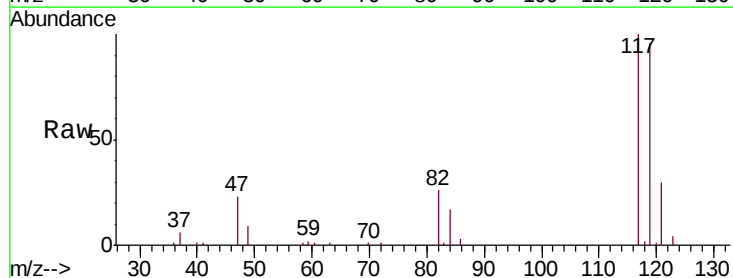
Acq: 10 May 2019 11:27

Tgt Ion: 117 Resp: 30957

Ion Ratio Lower Upper

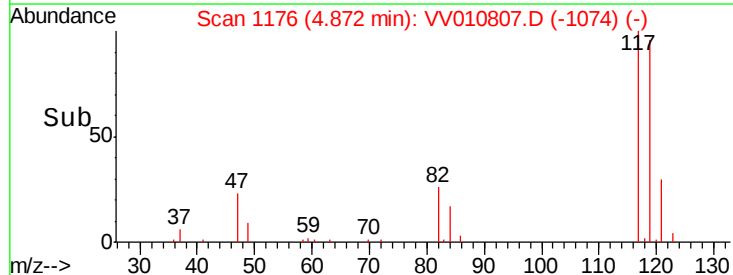
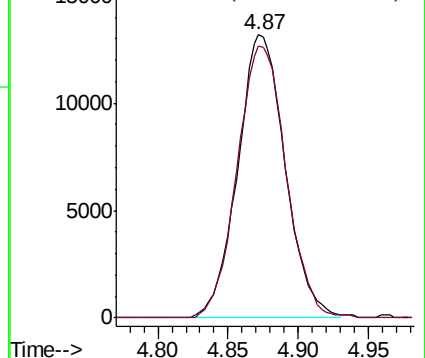
117 100

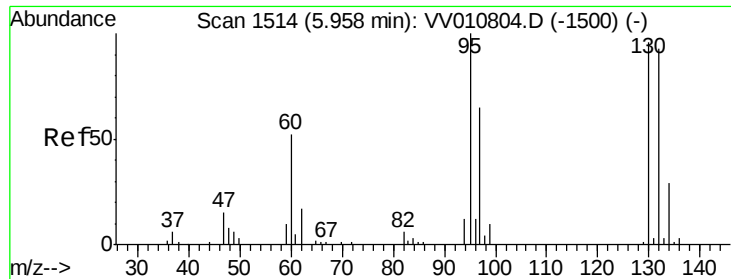
119 99.0 74.9 112.3



Abundance Ion 117.00 (116.70 to 117.70): VV010807.D (-1074) (-)

Ion 119.00 (118.70 to 119.70): VV010807.D (-1074) (-)





#35

Trichloroethene

Concen: 29.878 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

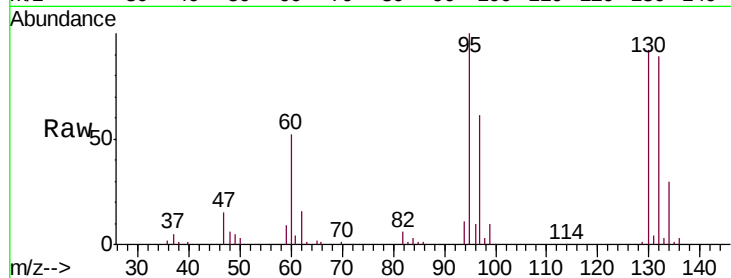
Instrument :

MSVOA_V

ClientSampleId :

A5107

Tgt Ion:	95	Resp:	48967
Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.3	82.3
132	90.3	62.4	115.8
130	94.3	68.5	127.3

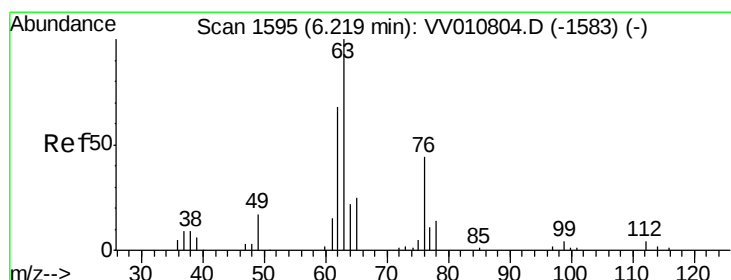
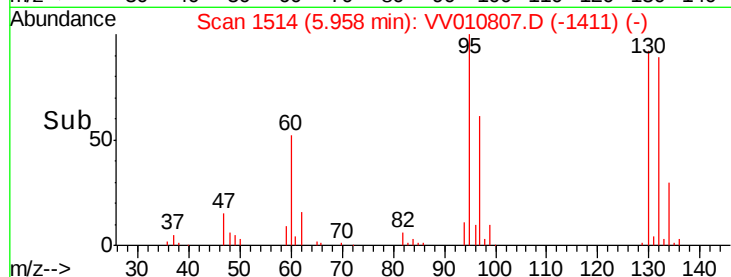
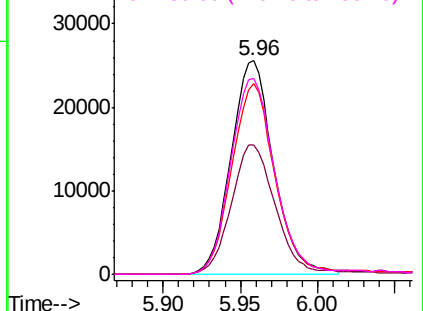


Abundance Ion 95.00 (94.70 to 95.70): VV010807.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010807.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010807.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010807.D (-1411) (-)



#40

1,2-Dichloropropane

Concen: 18.952 ug/L

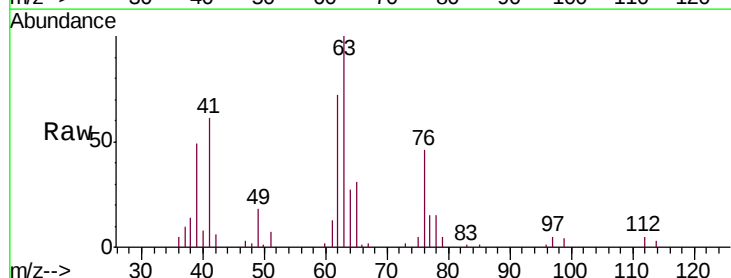
RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV010807.D

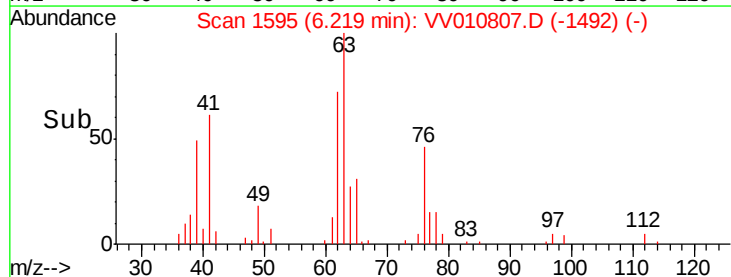
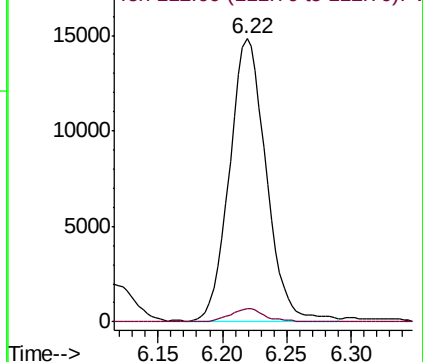
Acq: 10 May 2019 11:27

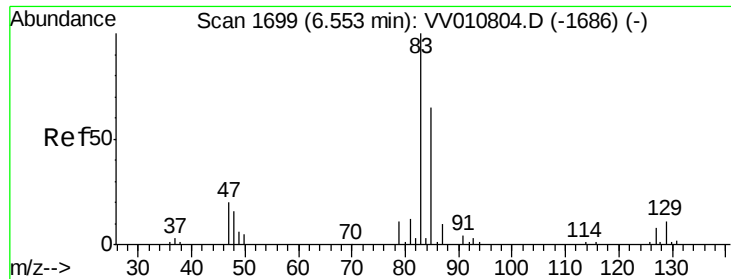
Tgt Ion:	63	Resp:	29498
Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.4	5.2



Abundance Ion 63.00 (62.70 to 63.70): VV010807.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV010807.D (-1492) (-)





#41

Bromodichloromethane

Concen: 11.481 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

A5107

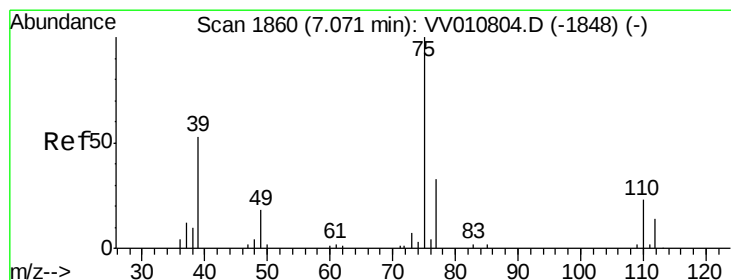
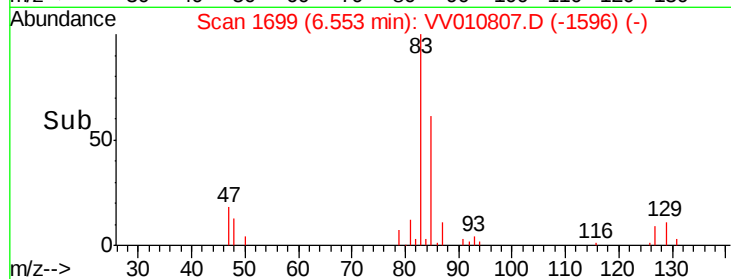
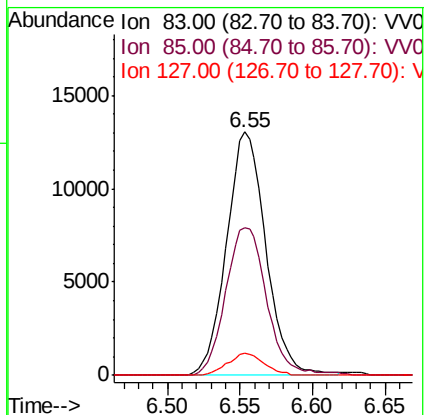
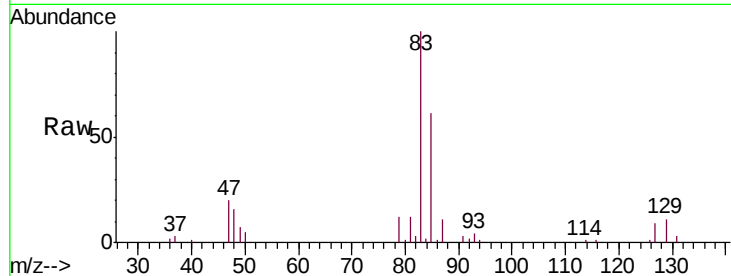
Tgt Ion: 83 Resp: 24553

Ion Ratio Lower Upper

83 100

85 60.7 43.5 80.7

127 9.0 6.2 9.4



#42

cis-1,3-Dichloropropene

Concen: 9.835 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV010807.D

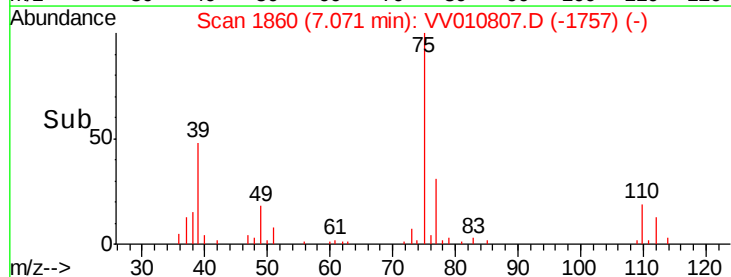
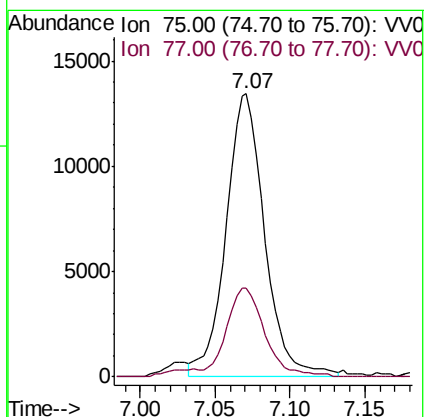
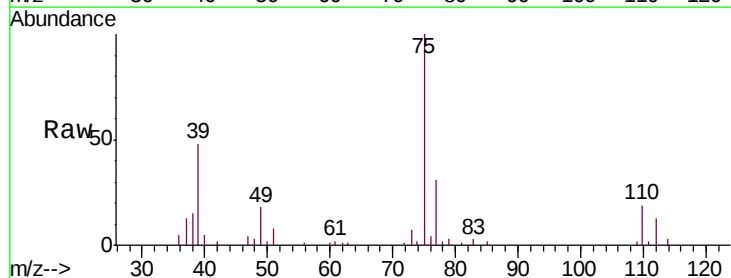
Acq: 10 May 2019 11:27

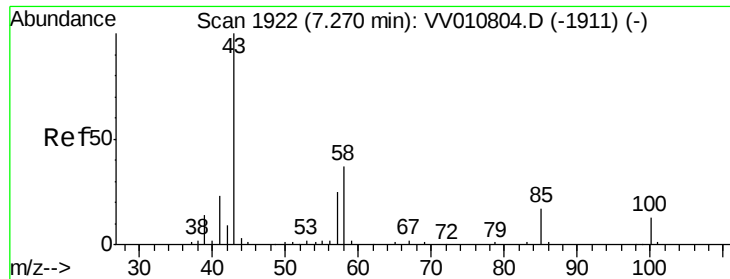
Tgt Ion: 75 Resp: 24211

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3

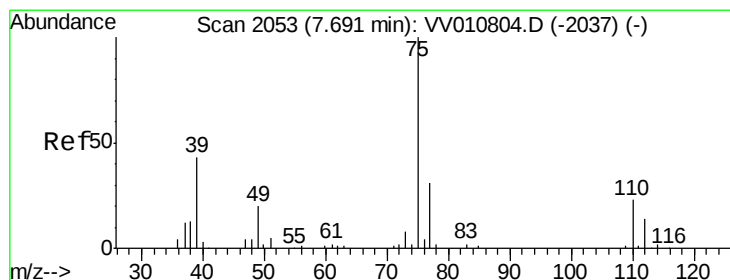
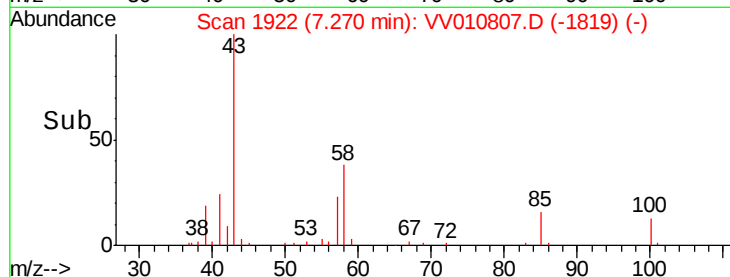
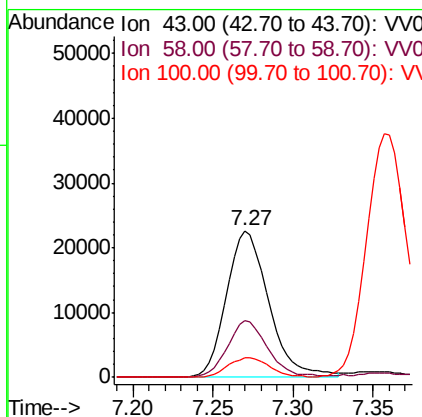
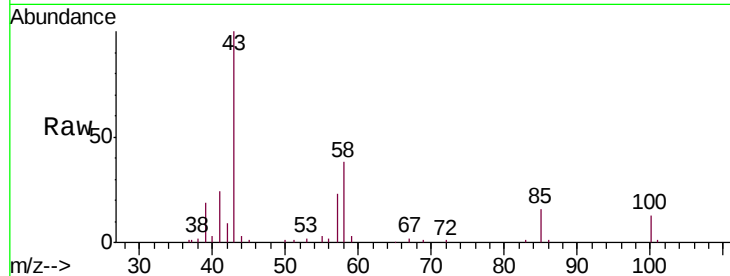




#43
4-Methyl-2-pentanone
Concen: 31.407 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV010807.D
Acq: 10 May 2019 11:27

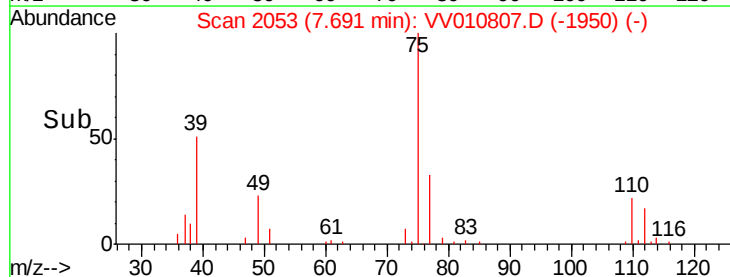
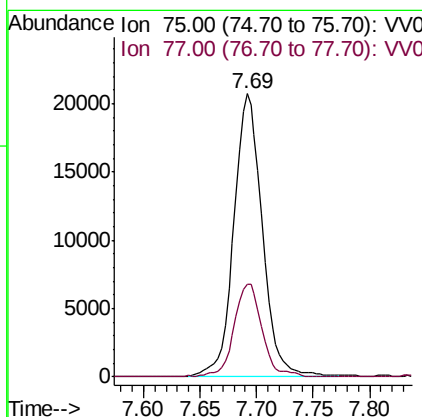
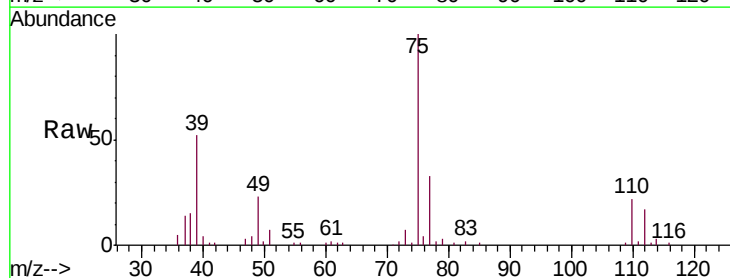
Instrument :
MSVOA_V
ClientSampleId :
A5107

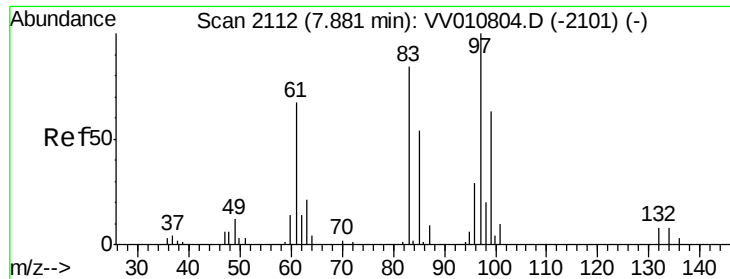
Tgt Ion: 43 Resp: 41148
Ion Ratio Lower Upper
43 100
58 36.6 28.1 42.1
100 13.3 11.0 16.6



#45
trans-1,3-Dichloropropene
Concen: 17.594 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV010807.D
Acq: 10 May 2019 11:27

Tgt Ion: 75 Resp: 36473
Ion Ratio Lower Upper
75 100
77 32.7 22.3 41.3

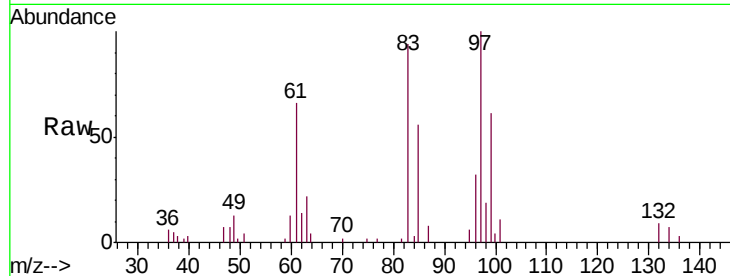




#46
 1,1,2-Trichloroethane
 Concen: 9.332 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

Tgt Ion:	97	Resp:	11933
Ion	Ratio	Lower	Upper
97	100		
83	93.6	62.8	116.6
85	55.9	40.2	74.6
99	61.5	42.6	79.0



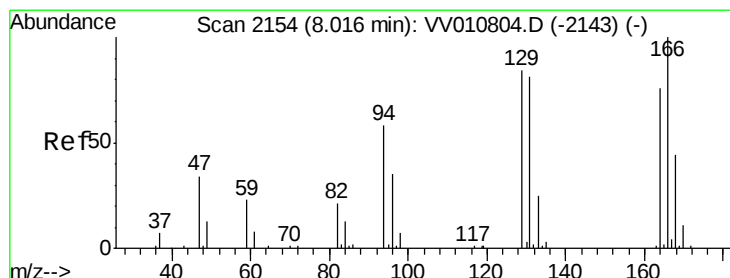
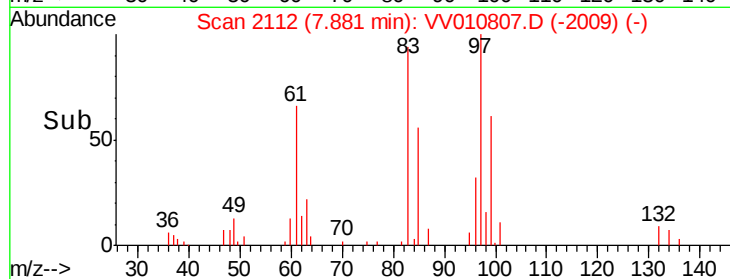
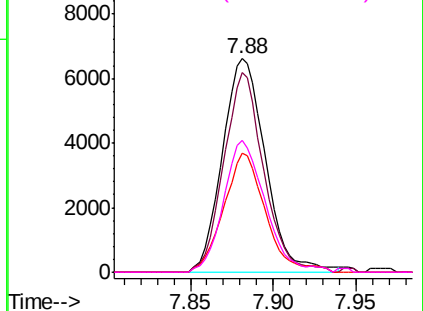
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

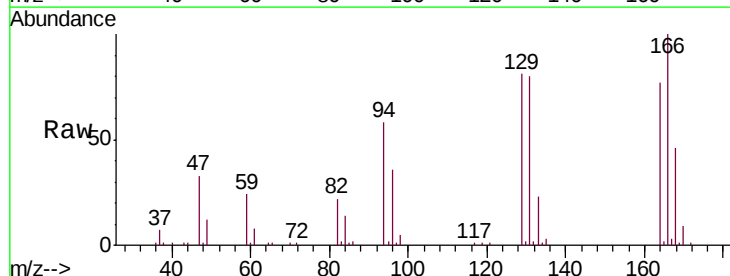
Ion 85.00 (84.70 to 85.70): VV0

Ion 99.00 (98.70 to 99.70): VV0



#47
 Tetrachloroethene
 Concen: 19.065 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Tgt Ion:	164	Resp:	22628
Ion	Ratio	Lower	Upper
164	100		
129	105.8	69.3	128.7
131	103.4	67.3	125.1
166	130.0	81.1	150.7



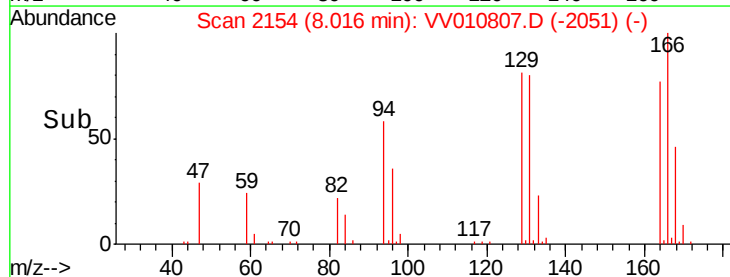
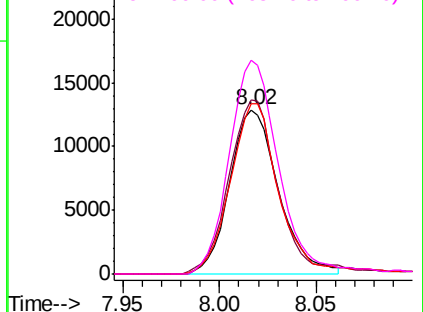
Abundance

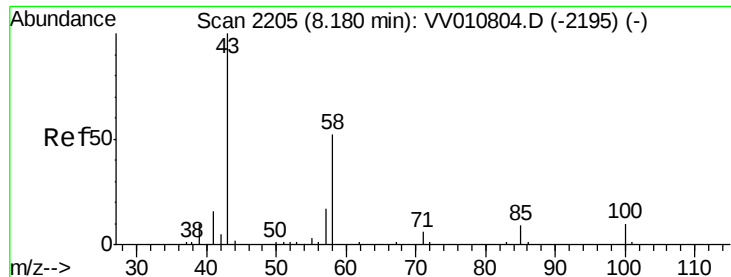
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

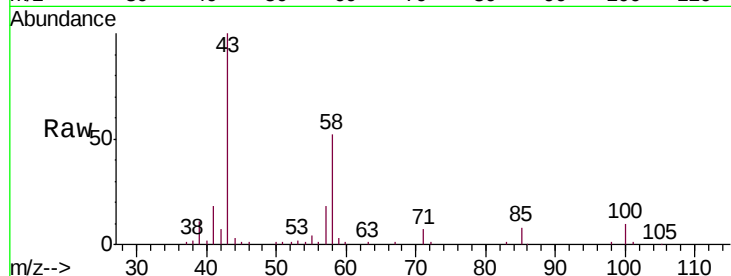




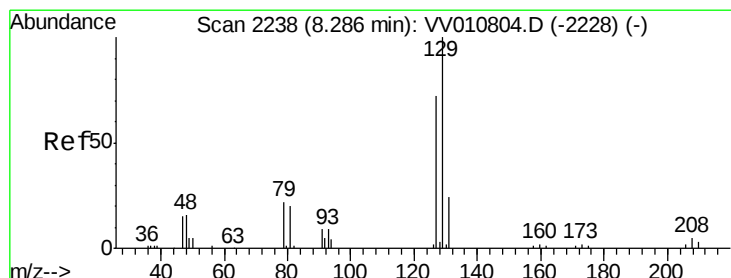
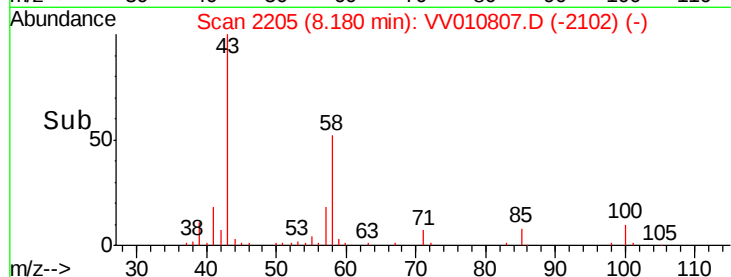
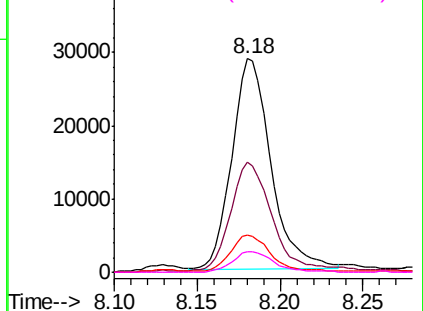
#49
2-Hexanone
Concen: 47.522 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV010807.D
Acq: 10 May 2019 11:27

Instrument :
MSVOA_V
ClientSampleId :
A5107

Tgt Ion:	43	Resp:	47337
Ion	Ratio	Lower	Upper
43	100		
58	53.3	39.4	59.0
57	17.6	14.2	21.4
100	10.3	8.2	12.2

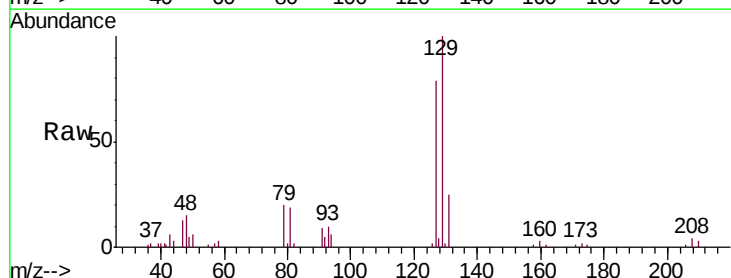


Abundance Ion 43.00 (42.70 to 43.70): VV010807.D (-2102) (-)
Ion 58.00 (57.70 to 58.70): VV010807.D (-2102) (-)
Ion 57.00 (56.70 to 57.70): VV010807.D (-2102) (-)
Ion 100.00 (99.70 to 100.70): VV010807.D (-2102) (-)

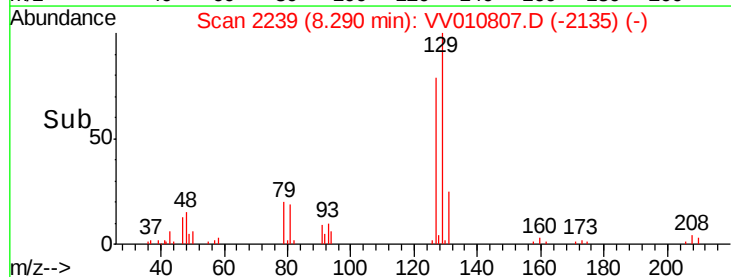
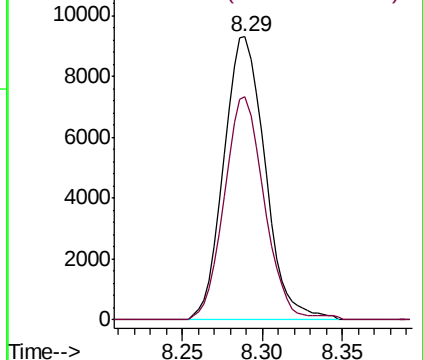


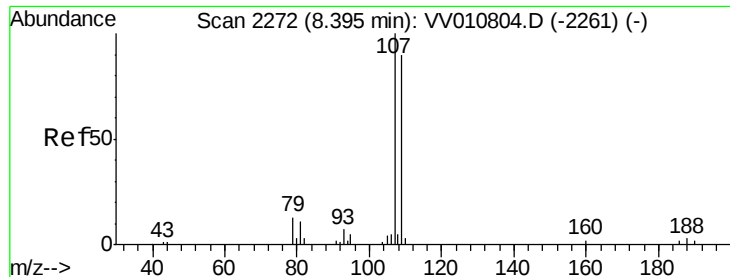
#50
Dibromochloromethane
Concen: 11.159 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010807.D
Acq: 10 May 2019 11:27

Tgt Ion:	129	Resp:	16408
Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.5	101.1



Abundance Ion 129.00 (128.70 to 129.70): VV010807.D (-2135) (-)
Ion 127.00 (126.70 to 127.70): VV010807.D (-2135) (-)

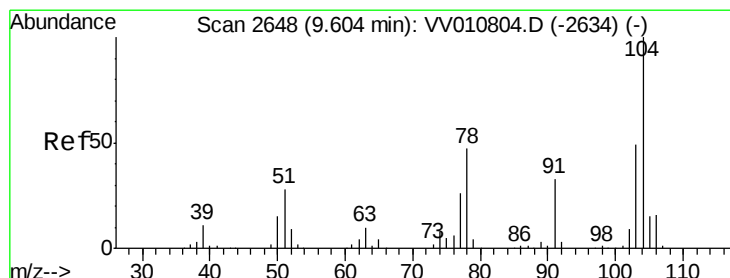
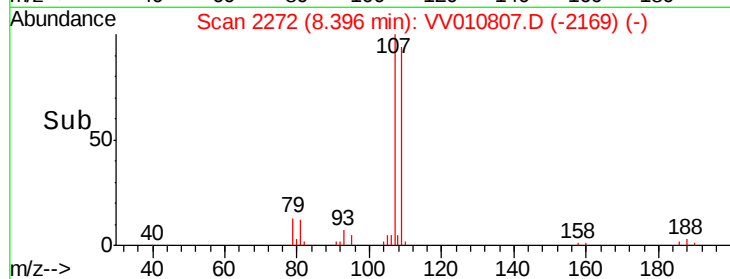
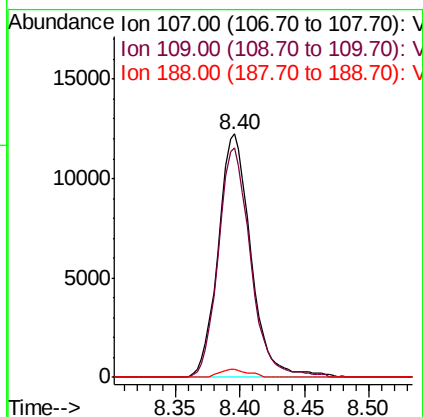
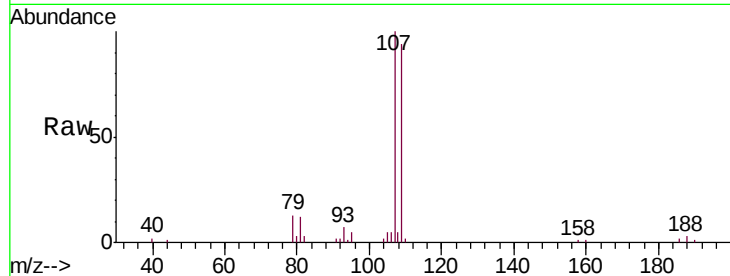




#51
 1,2-Dibromoethane
 Concen: 17.477 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

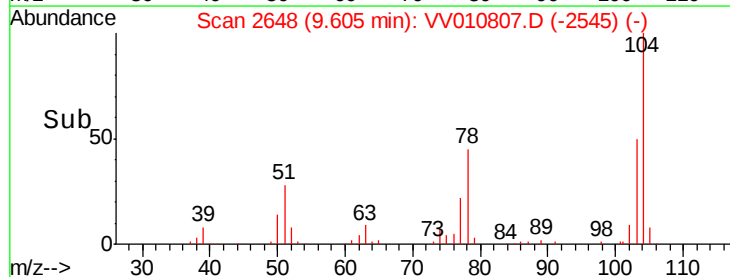
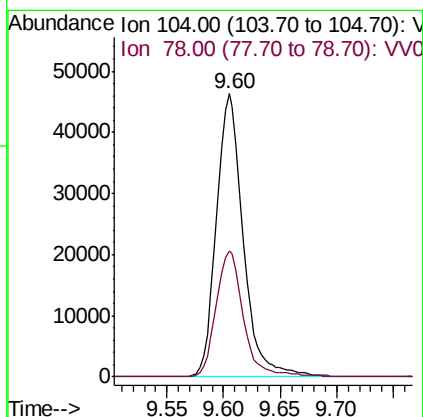
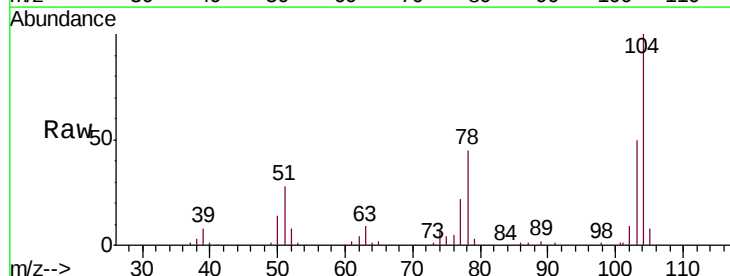
Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

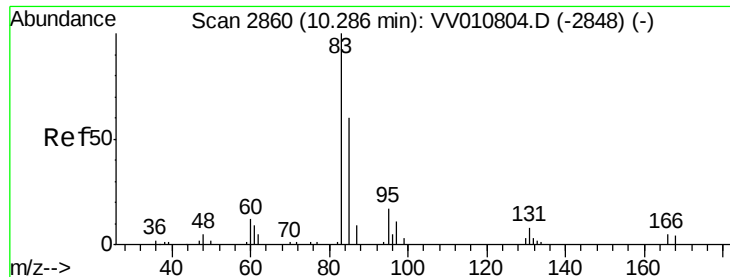
Tgt Ion:107 Resp: 21583
 Ion Ratio Lower Upper
 107 100
 109 94.1 66.6 123.6
 188 3.2 2.7 4.1



#56
 Styrene
 Concen: 15.904 ug/L
 RT: 9.60 min Scan# 2648
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Tgt Ion:104 Resp: 76804
 Ion Ratio Lower Upper
 104 100
 78 44.7 32.2 59.8





#58

1,1,2,2-Tetrachloroethane

Concen: 22.436 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :

MSVOA_V

ClientSampled :

A5107

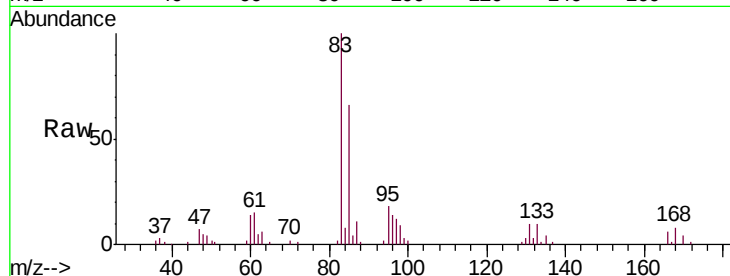
Tgt Ion: 83 Resp: 37585

Ion Ratio Lower Upper

83 100

85 66.5 44.6 82.8

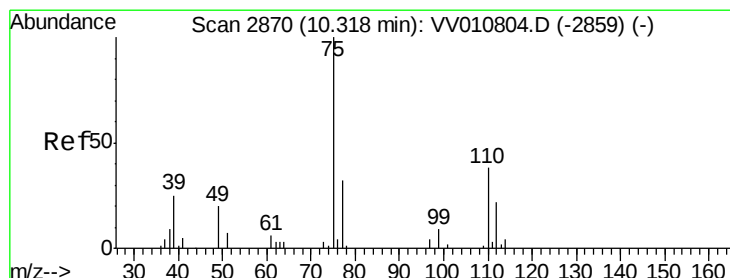
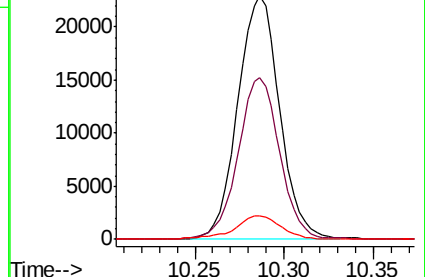
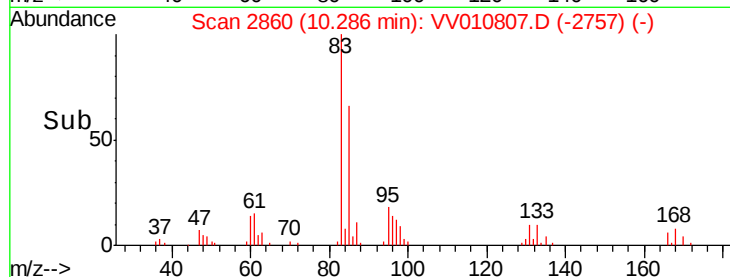
131 9.8 7.9 11.9



Abundance Ion 83.00 (82.70 to 83.70): VV010807.D (-2757) (-)

Ion 85.00 (84.70 to 85.70): VV010807.D (-2757) (-)

Ion 131.00 (130.70 to 131.70): VV010807.D (-2757) (-)



#59

1,2,3-Trichloropropane

Concen: 5.043 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010807.D

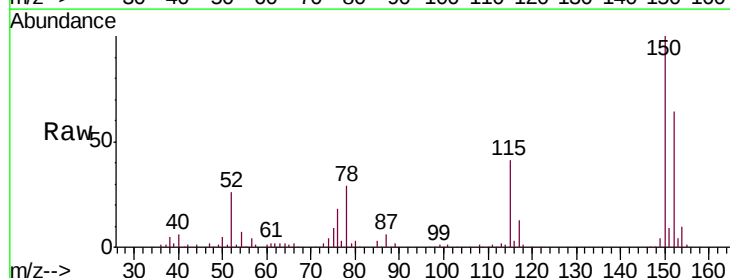
Acq: 10 May 2019 11:27

Tgt Ion: 75 Resp: 6594

Ion Ratio Lower Upper

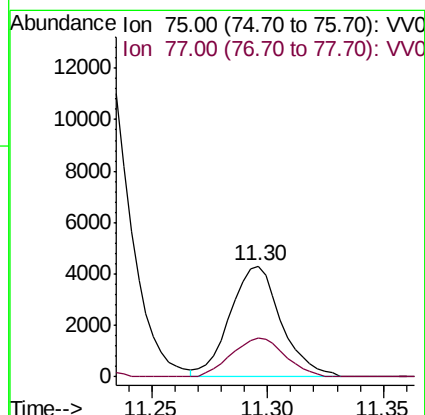
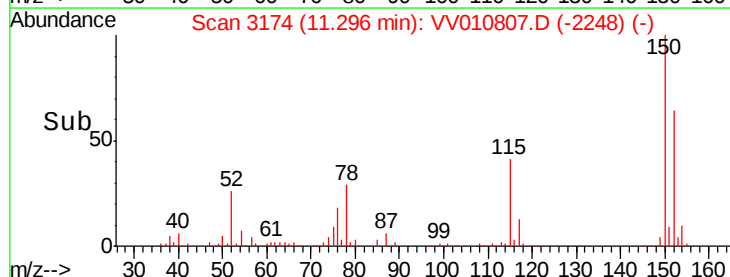
75 100

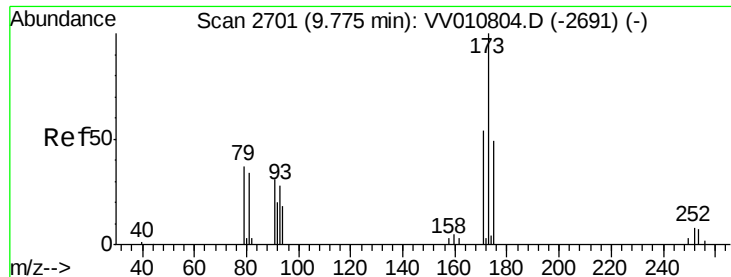
77 36.7 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV010807.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV010807.D (-2248) (-)





#62

Bromoform

Concen: 16.323 ug/L

RT: 9.78 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

Instrument :
MSVOA_V
ClientSampleId :
A5107

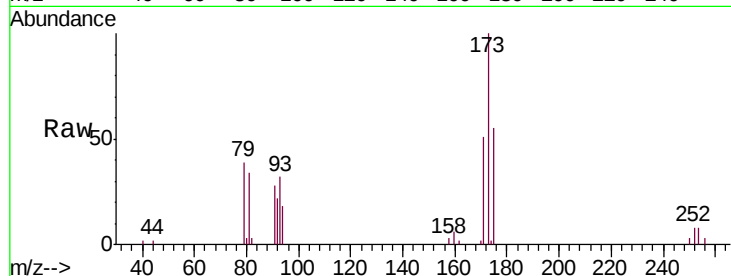
Tgt Ion:173 Resp: 13085

Ion Ratio Lower Upper

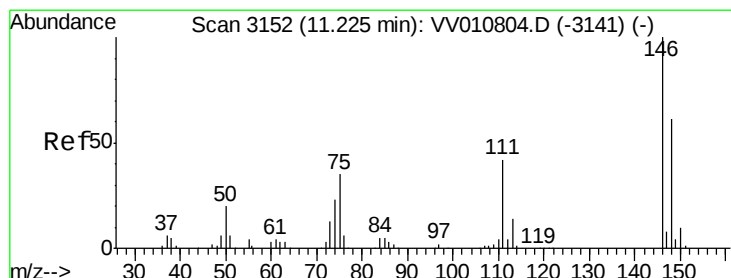
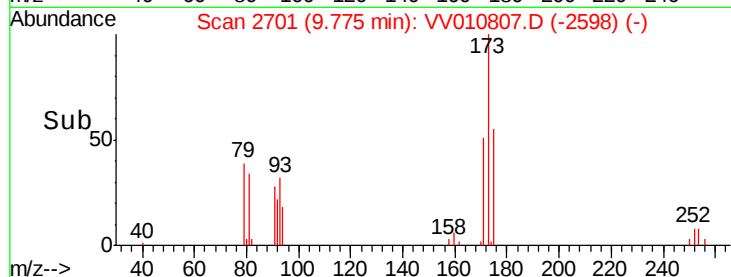
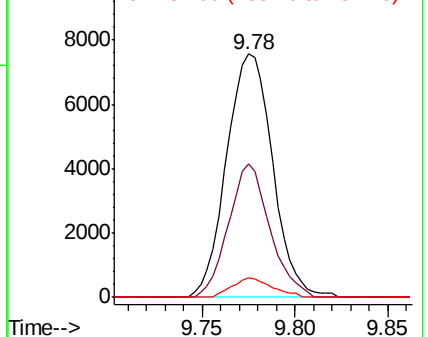
173 100

175 49.2 38.6 58.0

254 7.0 6.5 9.7



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#63

1,3-Dichlorobenzene

Concen: 23.216 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV010807.D

Acq: 10 May 2019 11:27

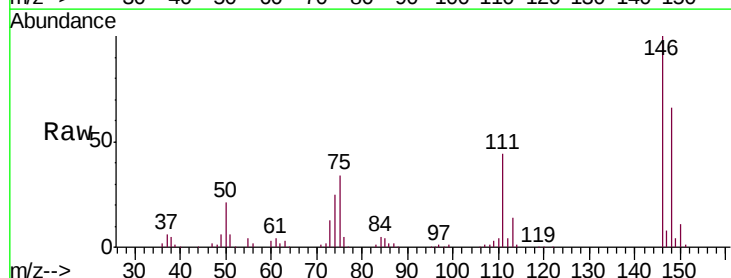
Tgt Ion:146 Resp: 76078

Ion Ratio Lower Upper

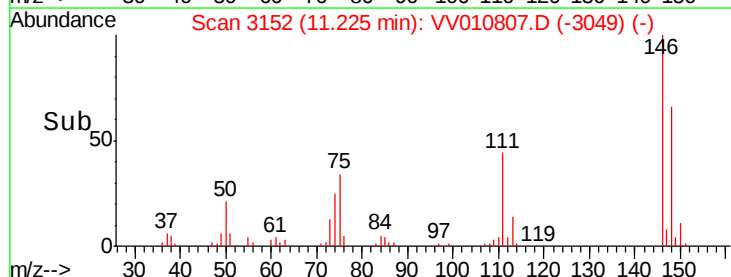
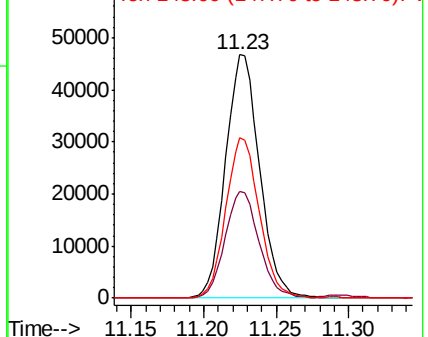
146 100

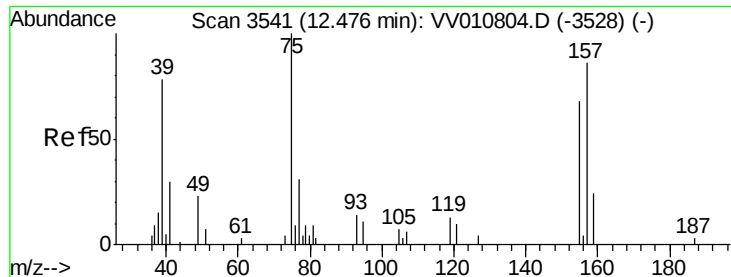
111 44.1 30.6 56.8

148 65.9 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

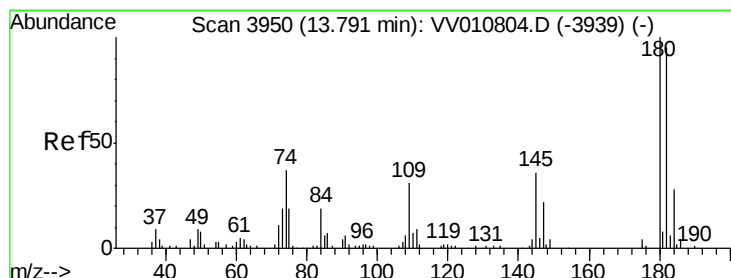
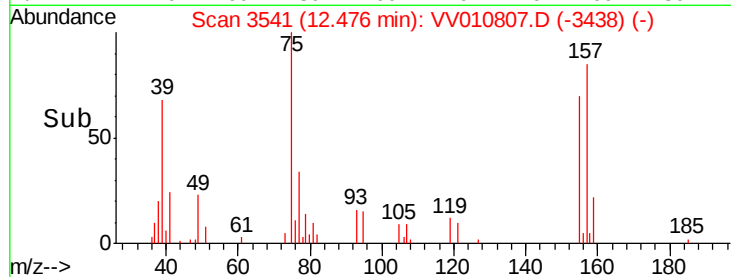
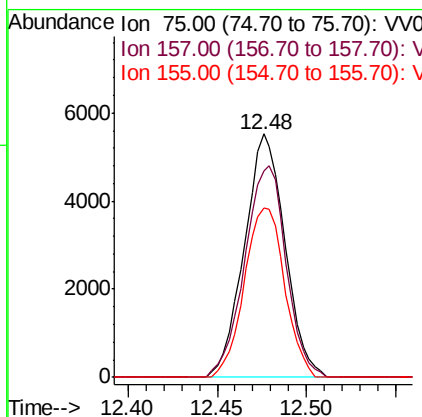
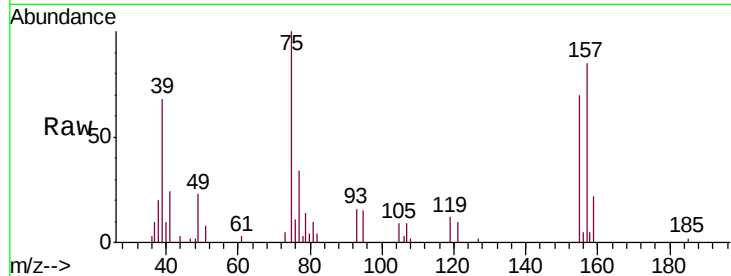




#66
 1,2-Dibromo-3-chloropropane
 Concen: 29.702 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

Tgt Ion: 75 Resp: 8772
 Ion Ratio Lower Upper
 75 100
 157 85.0 76.9 115.3
 155 69.8 57.9 86.9



#70
 1,2,3-Trichlorobenzene
 Concen: 7.214 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VV010807.D
 Acq: 10 May 2019 11:27

Tgt Ion: 180 Resp: 12360
 Ion Ratio Lower Upper
 180 100
 182 96.3 74.3 111.5
 145 34.4 28.5 42.7

