

Data File : VV010814.D
Acq On : 10 May 2019 15:09
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 23:03:26 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	85523	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	86538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31091	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	1.57	69	29200	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.84%
10) 1,1-Dichloroethene-d2	2.13	63	62578	21.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.84%
20) 2-Butanone-d5	3.94	46	18881	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
24) Chloroform-d	4.40	84	60994	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	5.08	65	38947	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	5.10	84	120321	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	6.12	67	38299	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	7.36	98	112766	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.40%
38) trans-1,3-Dichloropropene-	7.66	79	16239	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.16%
39) 2-Hexanone-d5	8.13	63	14409	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33934	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	41226	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14564	12.296 ug/L	98
5) Vinyl chloride	1.32	62	19796	11.832 ug/L	98
8) Chloroethane	1.59	64	19938	19.135 ug/L	98
12) 1,1-Dichloroethene	2.14	96	15107	11.220 ug/L #	45
13) Acetone	2.19	43	84882	137.524 ug/L	100
14) Carbon disulfide	2.31	76	71183	21.514 ug/L	99
16) Methylene chloride	2.53	84	45504	34.411 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	31626	25.986 ug/L	99
19) 1,1-Dichloroethane	3.23	63	24063	10.242 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	41928	30.158 ug/L	96
23) Bromochloromethane	4.30	128	23688	37.904 ug/L	97
25) Chloroform	4.43	83	29891	11.548 ug/L	94
31) 1,1,1-Trichloroethane	4.66	97	87386	40.499 ug/L	99
32) Carbon tetrachloride	4.87	117	27907	14.848 ug/L	98
35) Trichloroethene	5.96	95	43977	30.905 ug/L	98
40) 1,2-Dichloropropane	6.22	63	26461	19.580 ug/L	99
41) Bromodichloromethane	6.56	83	22496	12.115 ug/L #	97

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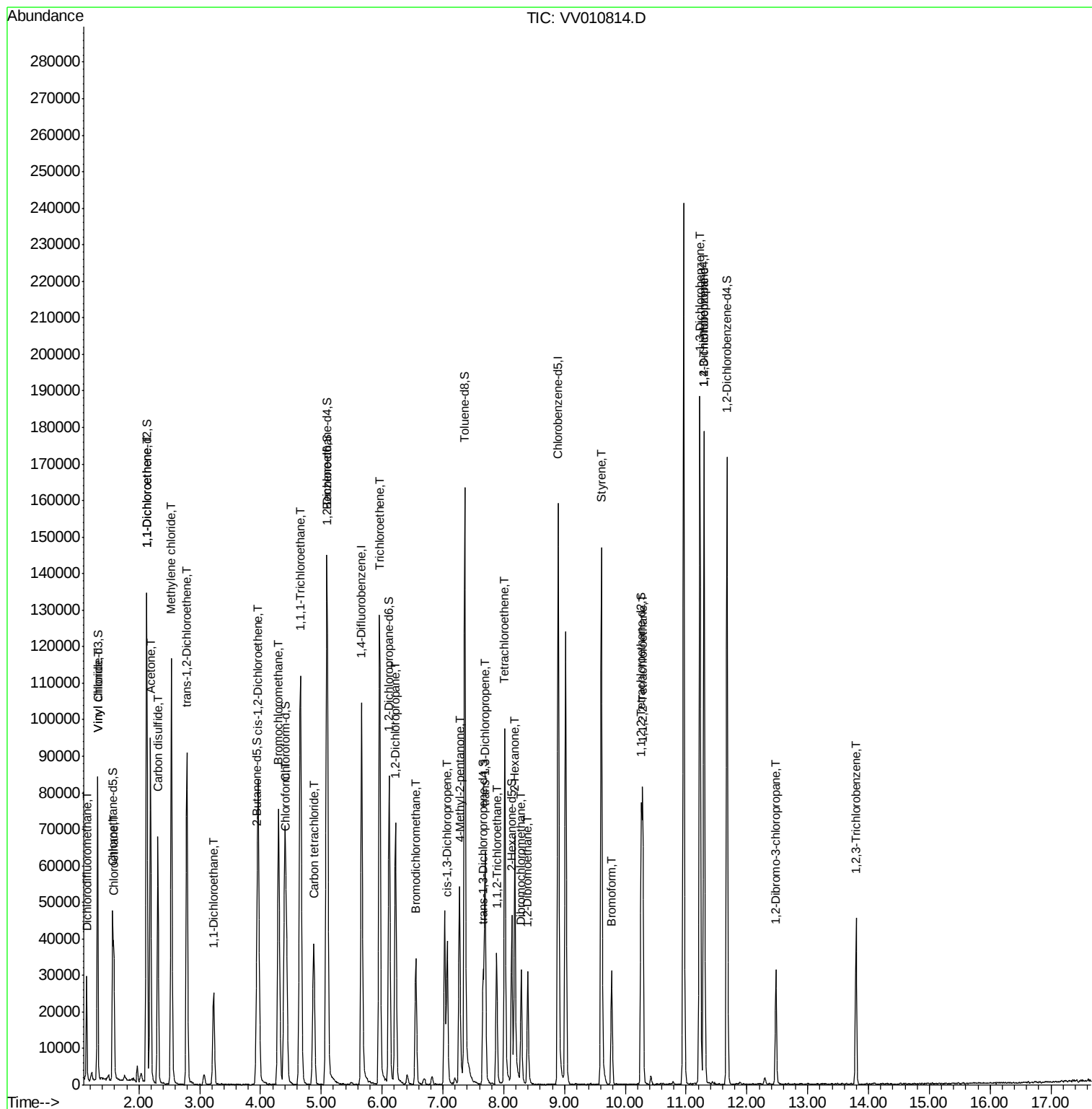
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	7.07	75	21452	10.036	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	37996	33.401	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	33539	18.634	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	10477	9.437	ug/L	96
47) Tetrachloroethene	8.02	164	20288	19.687	ug/L	96
49) 2-Hexanone	8.18	43	44653	51.629	ug/L	99
50) Dibromochloromethane	8.29	129	14586	11.425	ug/L	100
51) 1,2-Dibromoethane	8.40	107	19368	18.063	ug/L	99
56) Styrene	9.60	104	69944	16.681	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	36311	24.964	ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	6492	5.719	ug/L	89
62) Bromoform	9.77	173	12498	17.457	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	70835	24.204	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7982	30.263	ug/L	90
70) 1,2,3-Trichlorobenzene	13.79	180	10819	7.071	ug/L	94

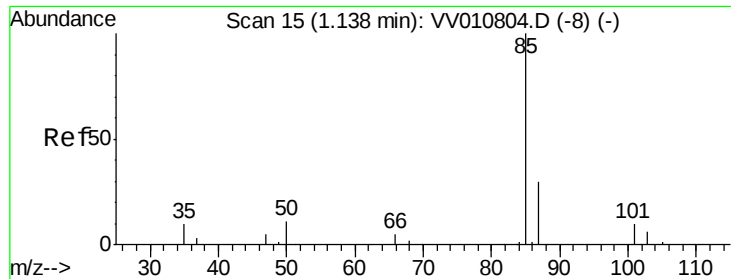
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 12.296 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

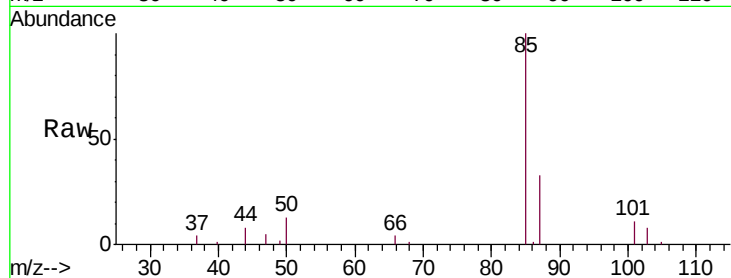
A5107

Tgt Ion: 85 Resp: 14564

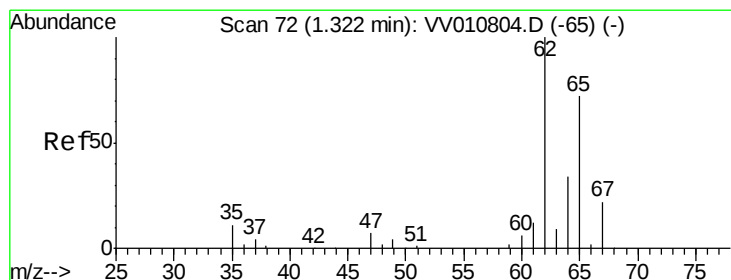
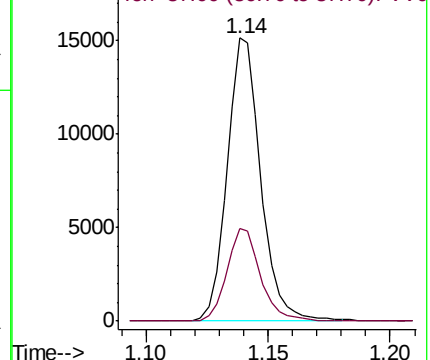
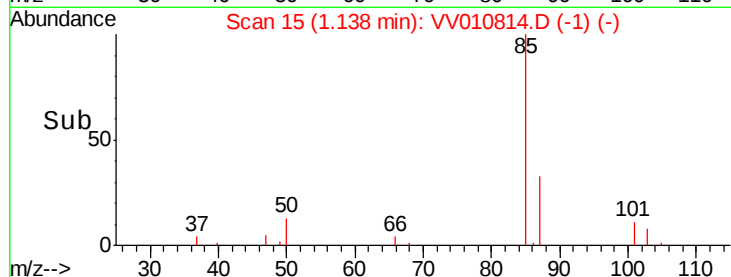
Ion Ratio Lower Upper

85 100

87 32.5 21.9 40.7



Abundance Ion 85.00 (84.70 to 85.70): VV010814.D (-1) (-)



#5

Vinyl chloride

Concen: 11.832 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV010814.D

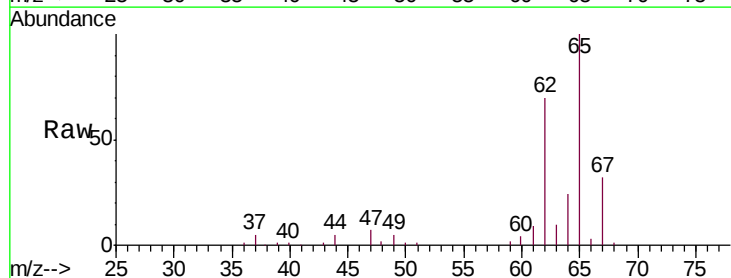
Acq: 10 May 2019 15:09

Tgt Ion: 62 Resp: 19796

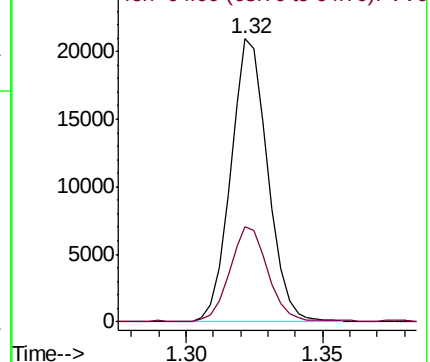
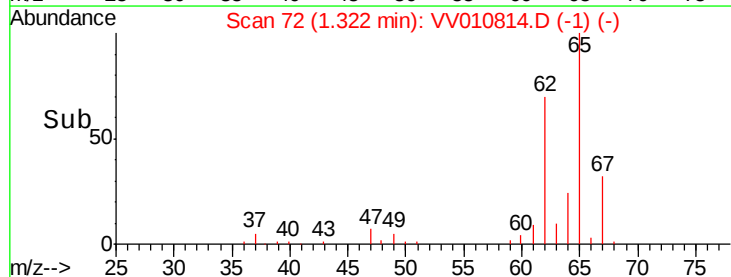
Ion Ratio Lower Upper

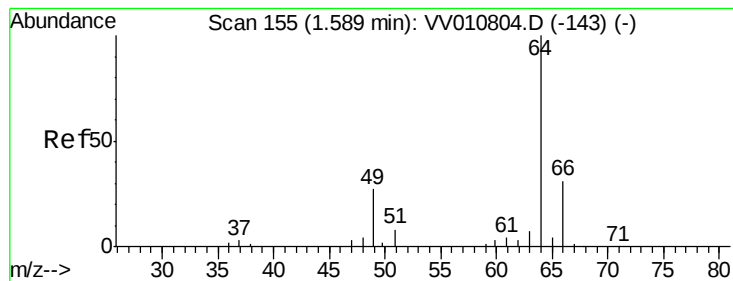
62 100

64 33.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV010814.D (-1) (-)





#8

Chloroethane

Concen: 19.135 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

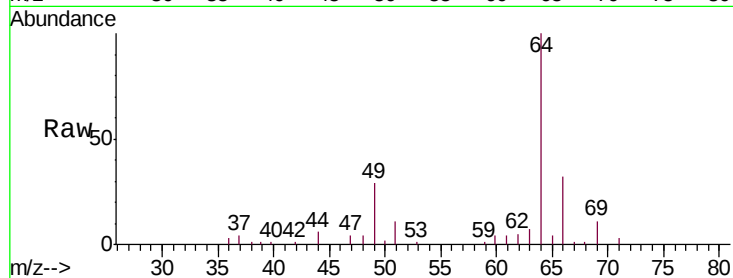
A5107

Tgt Ion: 64 Resp: 19938

Ion Ratio Lower Upper

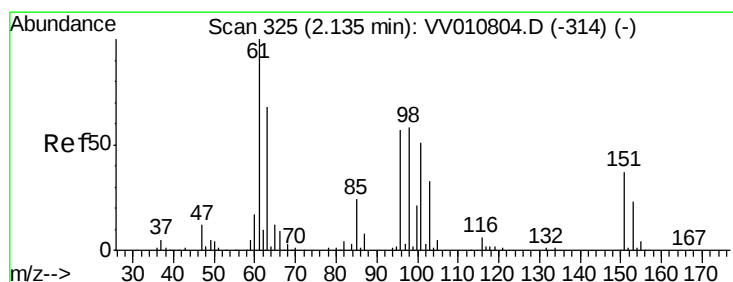
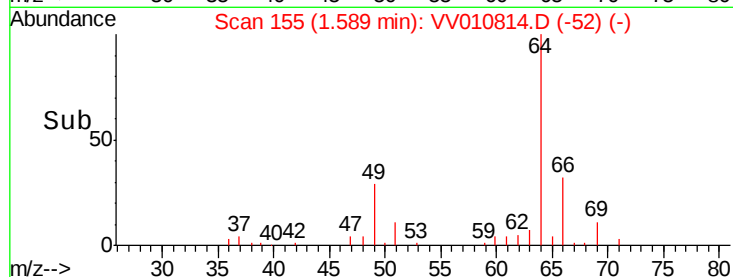
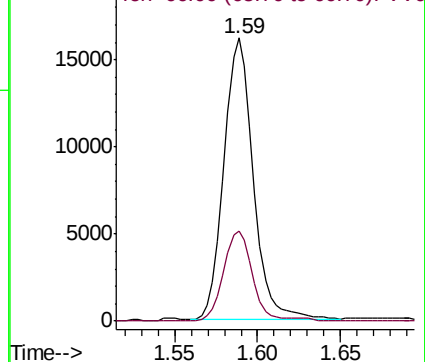
64 100

66 32.0 21.8 40.4



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#12

1,1-Dichloroethene

Concen: 11.220 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

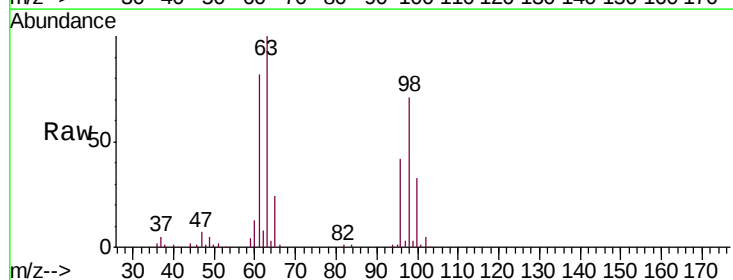
Tgt Ion: 96 Resp: 15107

Ion Ratio Lower Upper

96 100

61 196.7 120.3 223.3

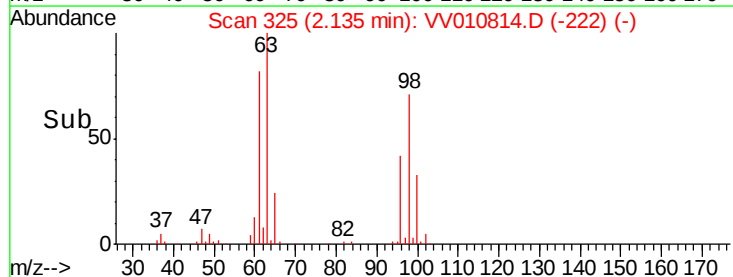
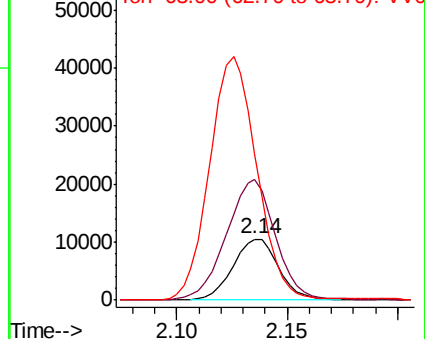
63 238.8 82.9 153.9#

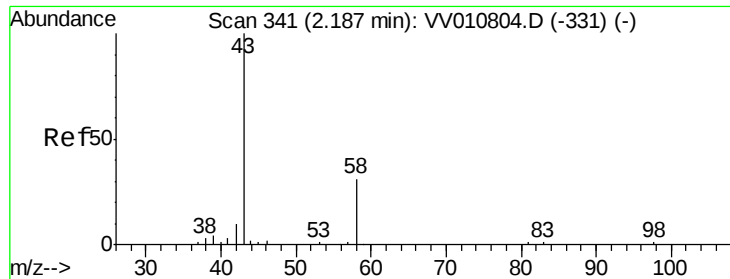


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 137.524 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

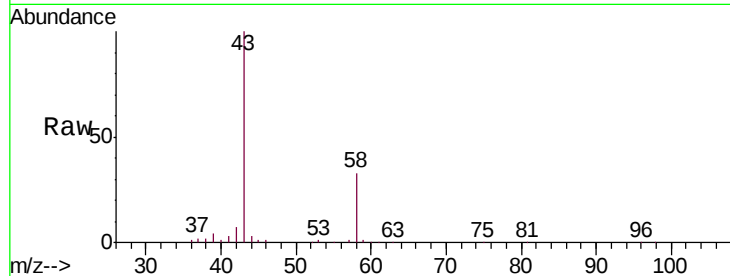
A5107

Tgt Ion: 43 Resp: 84882

Ion Ratio Lower Upper

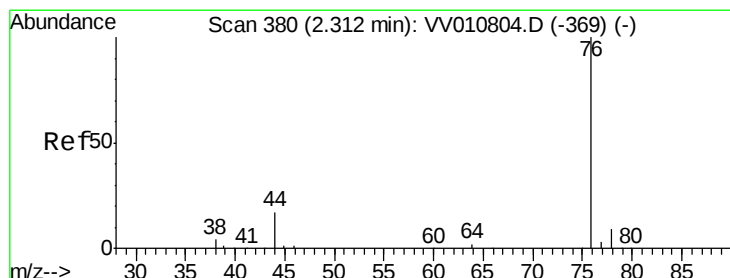
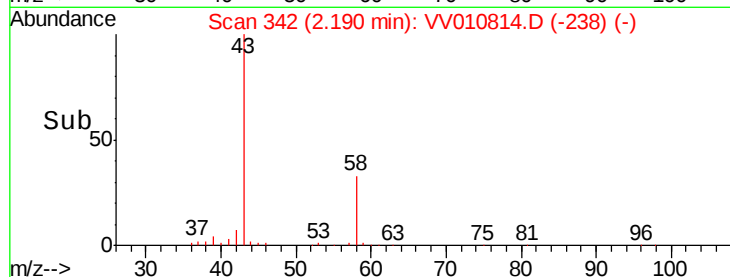
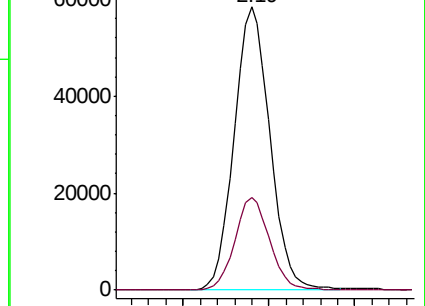
43 100

58 31.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010814.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV010814.D (-342) (-)



#14

Carbon disulfide

Concen: 21.514 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV010814.D

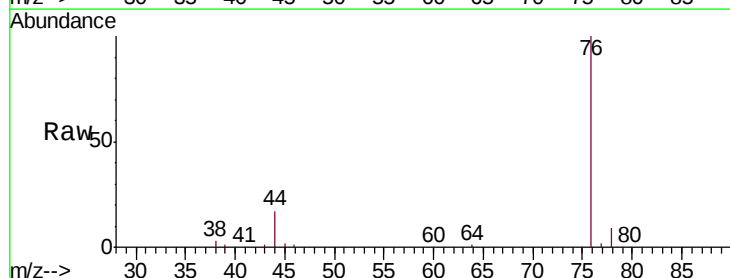
Acq: 10 May 2019 15:09

Tgt Ion: 76 Resp: 71183

Ion Ratio Lower Upper

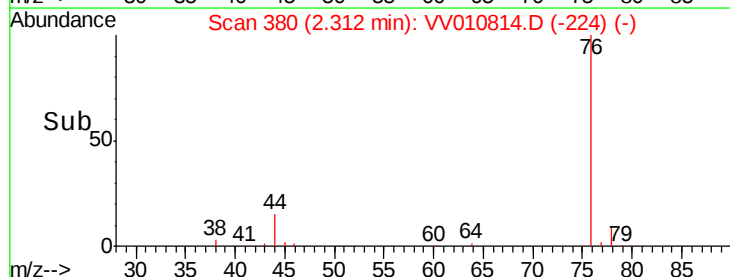
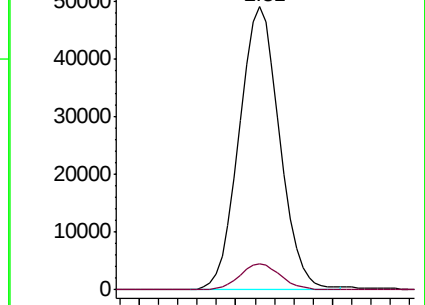
76 100

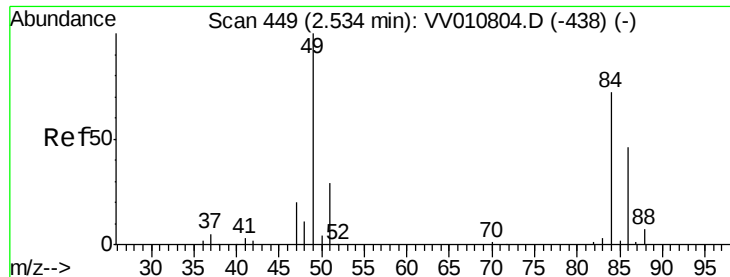
78 9.3 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010814.D (-380) (-)

Ion 78.00 (77.70 to 78.70): VV010814.D (-380) (-)

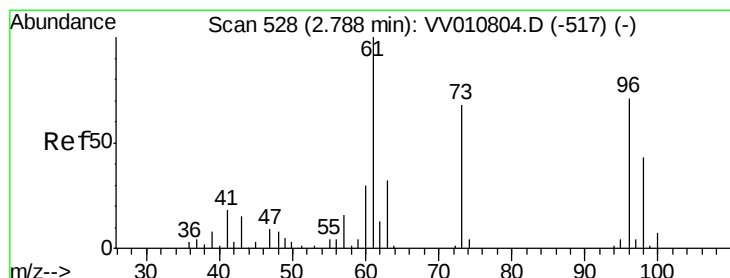
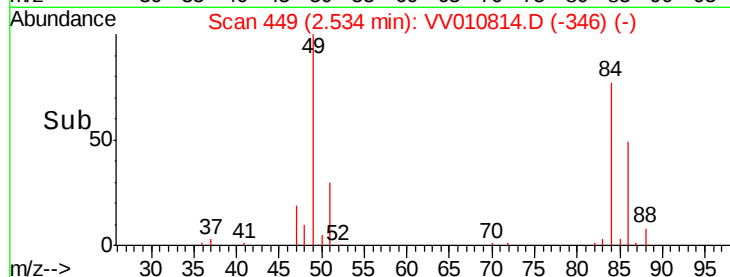
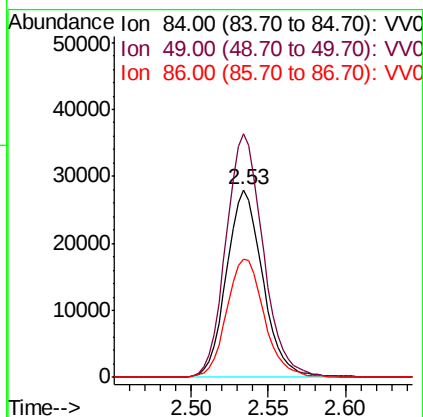
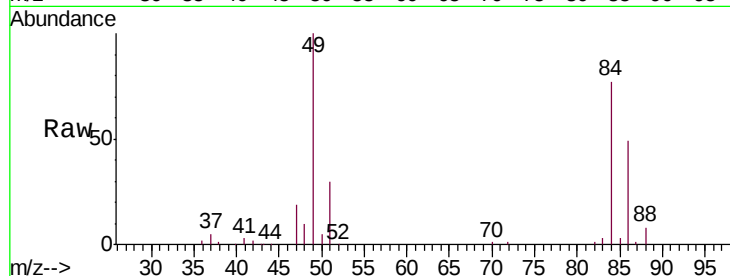




#16
Methylene chloride
Concen: 34.411 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010814.D
Acq: 10 May 2019 15:09

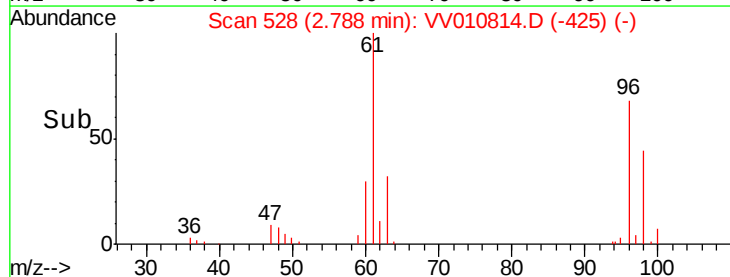
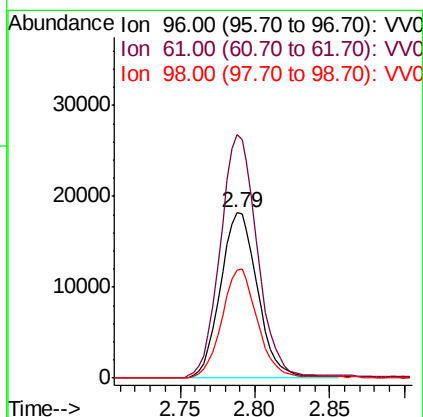
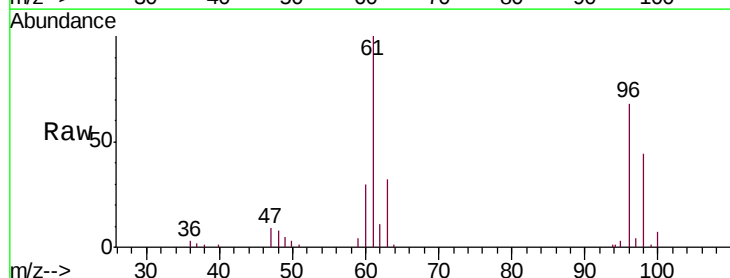
Instrument :
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ClientSampleId :
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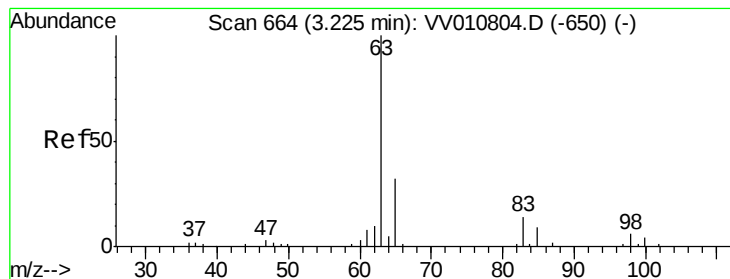
Tgt Ion: 84 Resp: 45504
Ion Ratio Lower Upper
84 100
49 129.9 92.9 172.5
86 63.4 46.5 86.5



#18
trans-1,2-Dichloroethene
Concen: 25.986 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV010814.D
Acq: 10 May 2019 15:09

Tgt Ion: 96 Resp: 31626
Ion Ratio Lower Upper
96 100
61 147.2 102.8 190.8
98 65.4 44.0 81.6





#19

1,1-Dichloroethane

Concen: 10.242 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

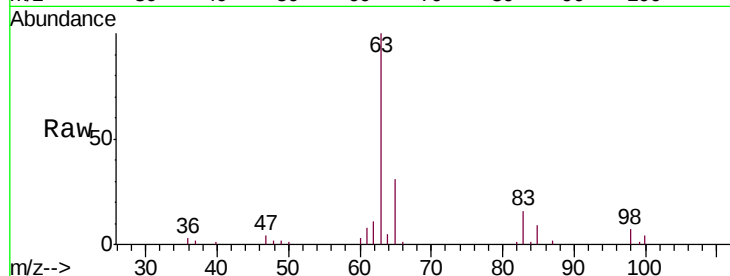
Tgt Ion: 63 Resp: 24063

Ion Ratio Lower Upper

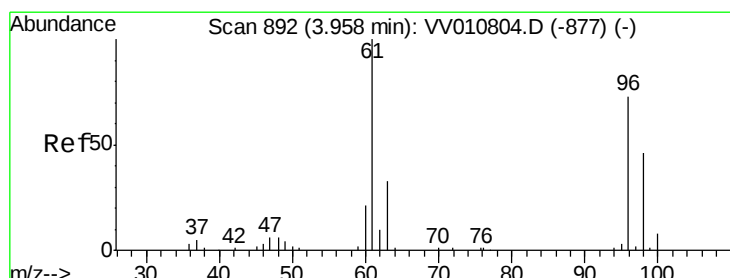
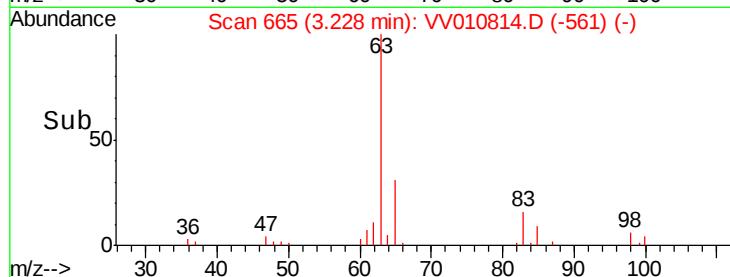
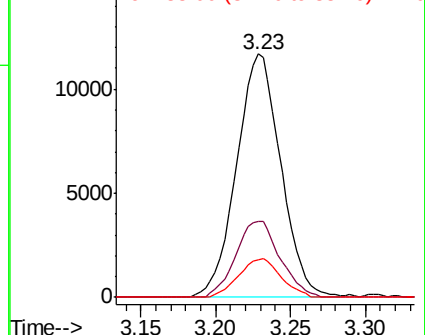
63 100

65 31.4 22.5 41.7

83 15.6 10.3 19.1



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 30.158 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

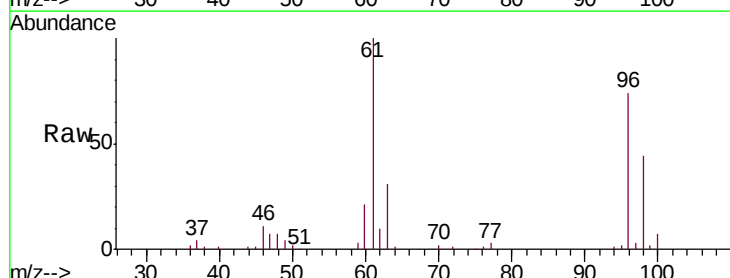
Tgt Ion: 96 Resp: 41928

Ion Ratio Lower Upper

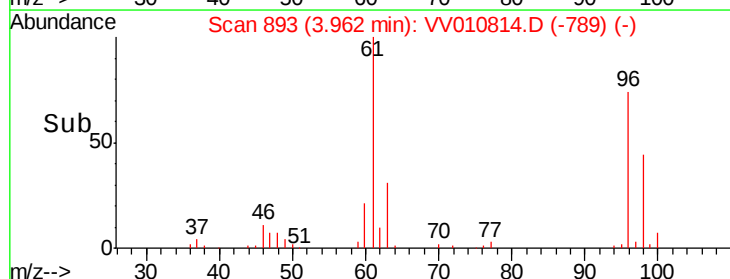
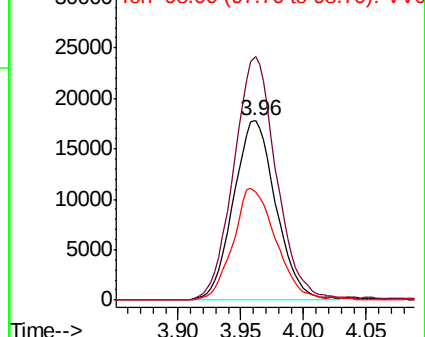
96 100

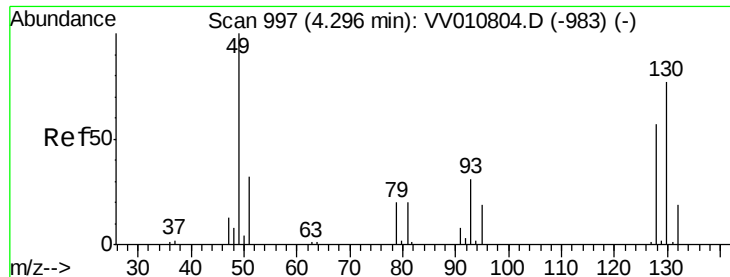
61 135.9 93.9 174.5

98 60.3 46.5 86.5



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#23

Bromochloromethane

Concen: 37.904 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:128 Resp: 23688

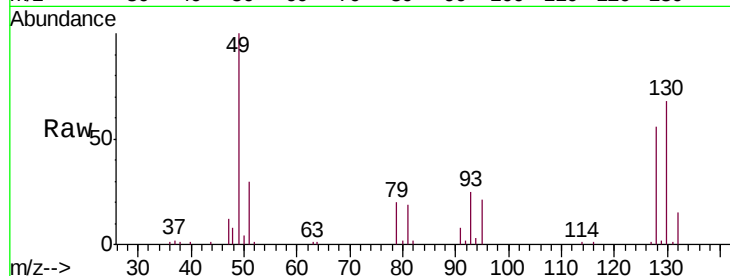
Ion Ratio Lower Upper

128 100

49 179.6 122.6 227.8

130 122.1 84.0 156.0

51 54.6 45.0 67.4

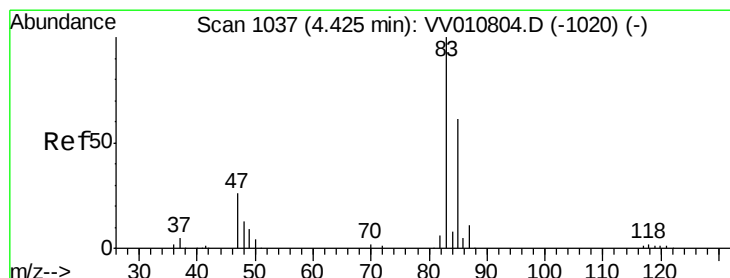
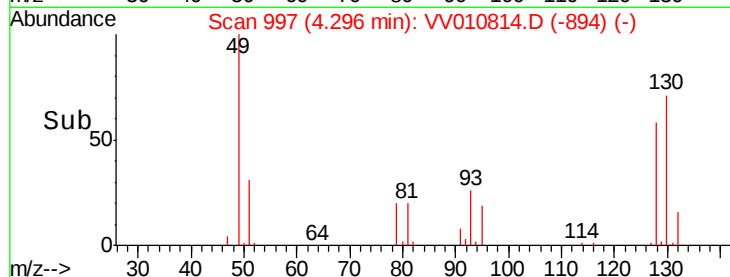
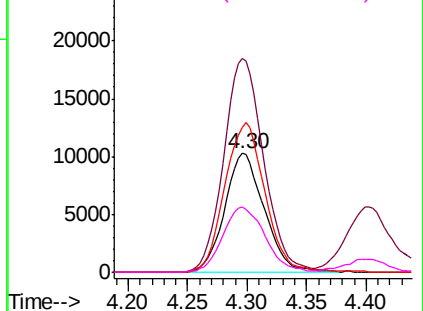


Abundance Ion 128.00 (127.70 to 128.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 11.548 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010814.D

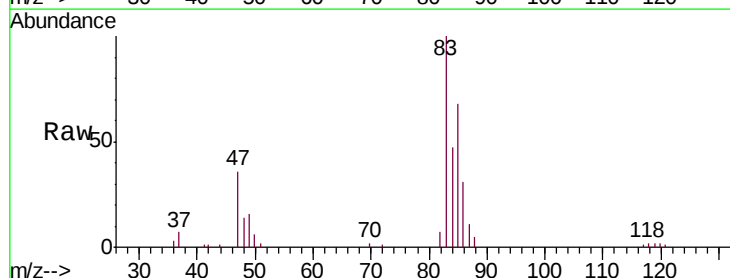
Acq: 10 May 2019 15:09

Tgt Ion: 83 Resp: 29891

Ion Ratio Lower Upper

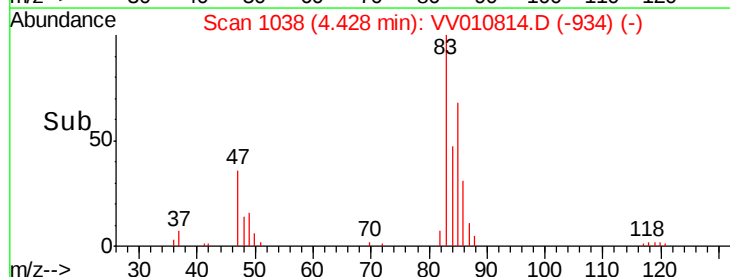
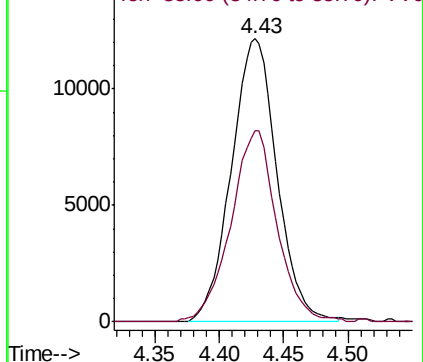
83 100

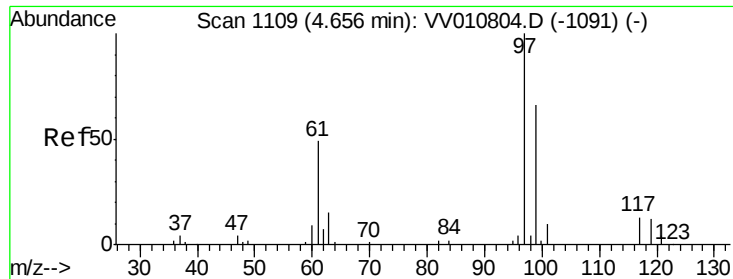
85 68.4 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

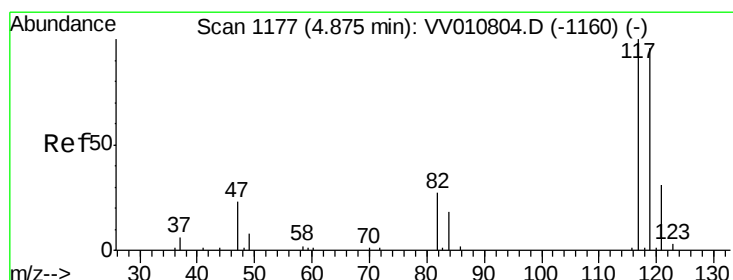
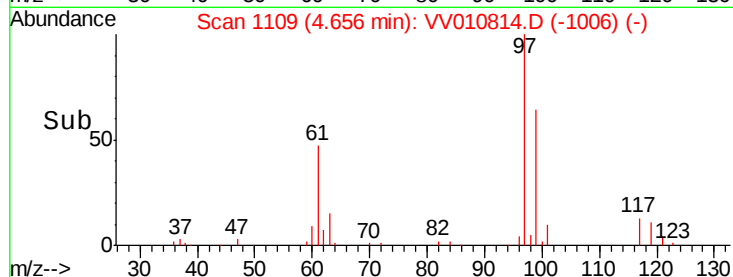
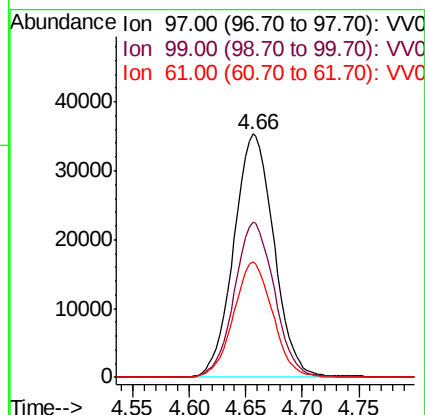
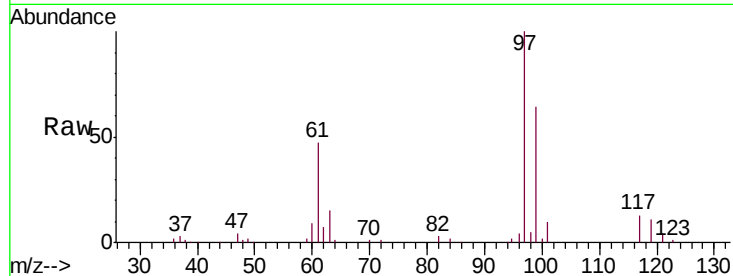




#31
 1,1,1-Trichloroethane
 Concen: 40.499 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

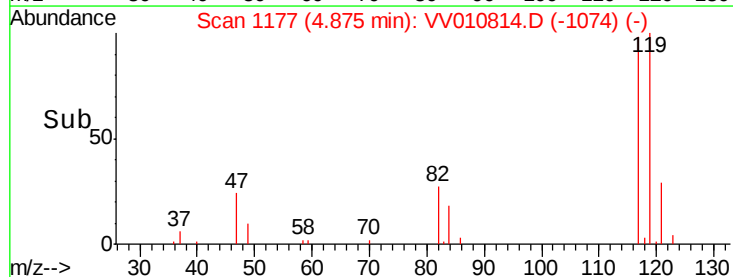
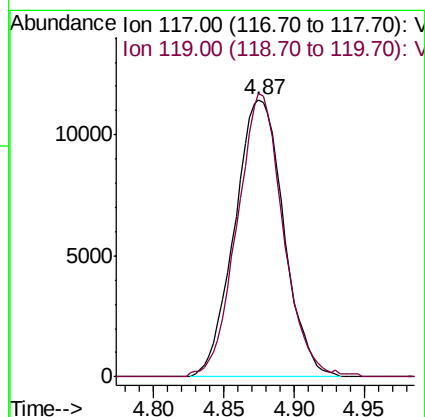
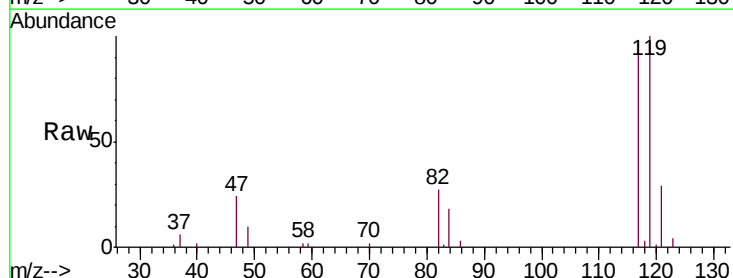
Instrument :
 MSVOA_V
 ClientSampleID :
 A5107

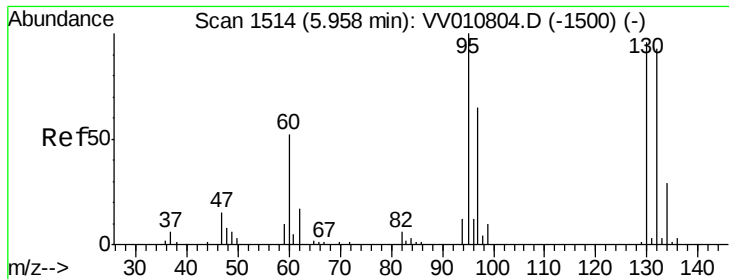
Tgt Ion: 97 Resp: 87386
 Ion Ratio Lower Upper
 97 100
 99 63.5 50.2 75.2
 61 46.0 36.7 55.1



#32
 Carbon tetrachloride
 Concen: 14.848 ug/L
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Tgt Ion: 117 Resp: 27907
 Ion Ratio Lower Upper
 117 100
 119 95.4 74.9 112.3





#35

Trichloroethene

Concen: 30.905 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

Tgt Ion: 95 Resp: 43977

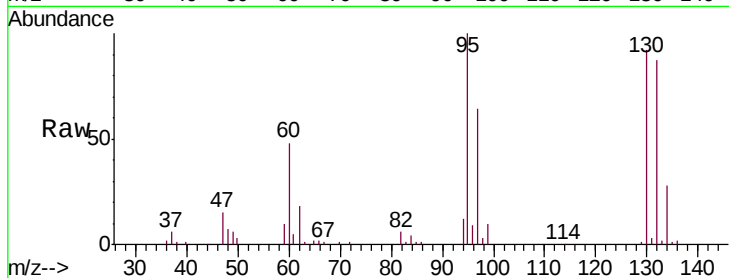
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 91.4 62.4 115.8

130 95.1 68.5 127.3

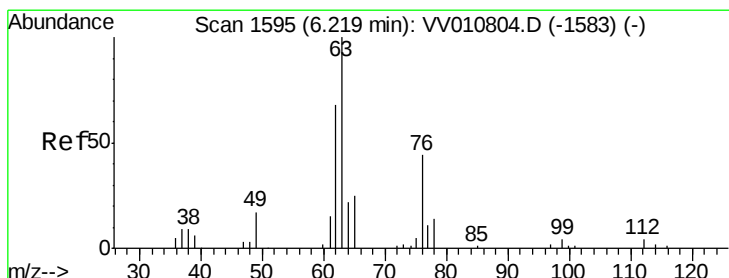
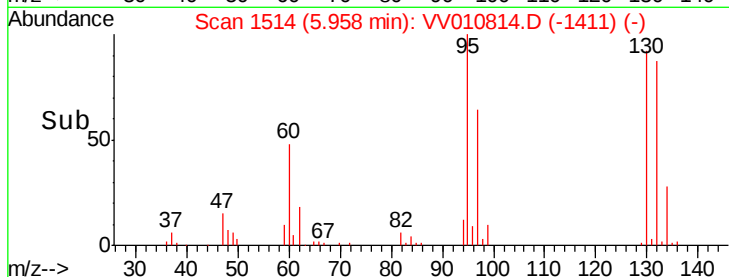
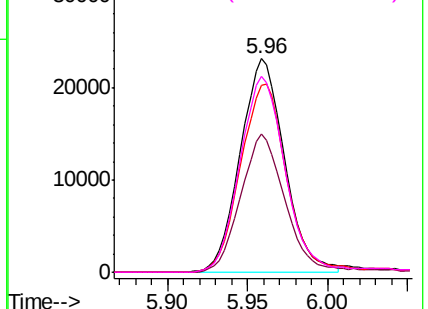


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 19.580 ug/L

RT: 6.22 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VV010814.D

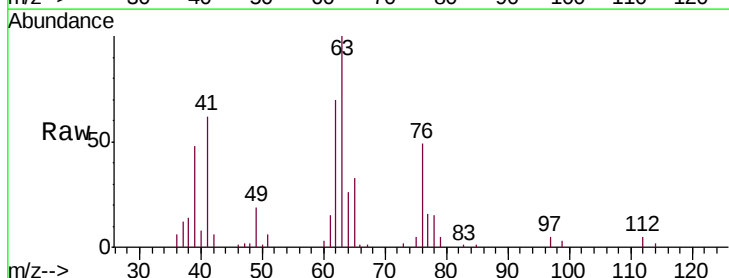
Acq: 10 May 2019 15:09

Tgt Ion: 63 Resp: 26461

Ion Ratio Lower Upper

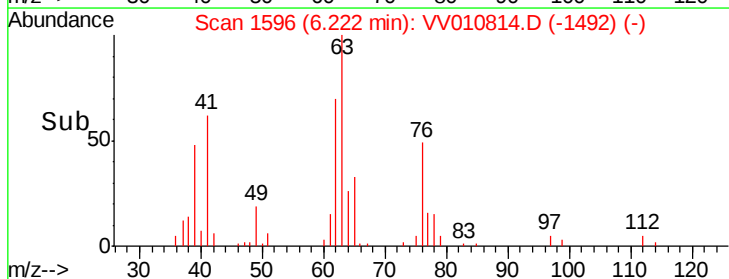
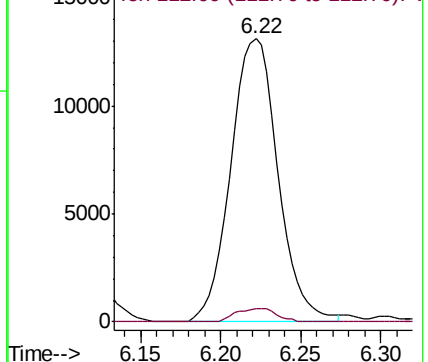
63 100

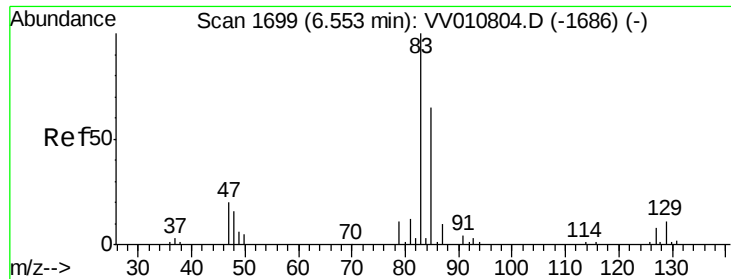
112 4.1 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 12.115 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

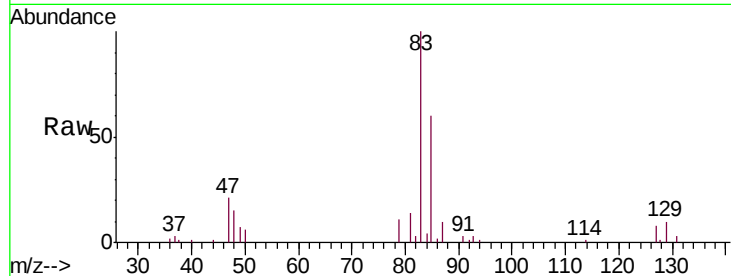
Tgt Ion: 83 Resp: 22496

Ion Ratio Lower Upper

83 100

85 60.0 43.5 80.7

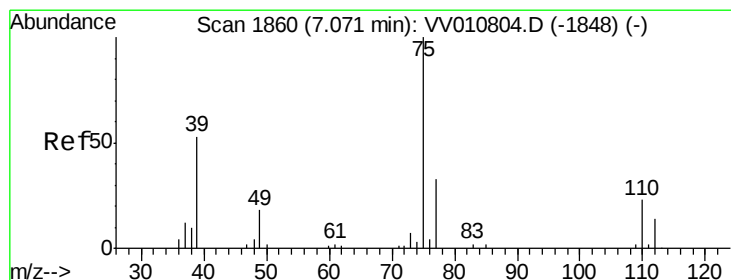
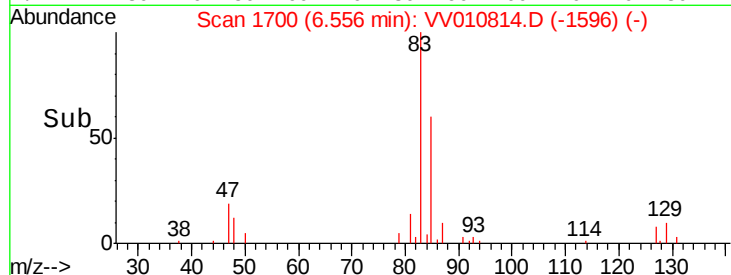
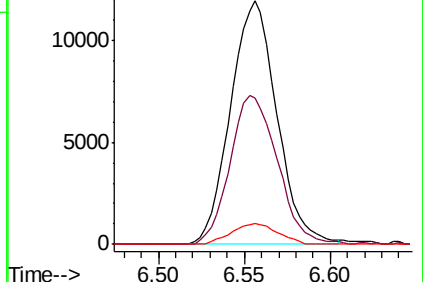
127 9.7 6.2 9.4#



Abundance Ion 83.00 (82.70 to 83.70): VV010814.D (-1699) (-)

Ion 85.00 (84.70 to 85.70): VV010814.D (-1699) (-)

Ion 127.00 (126.70 to 127.70): VV010814.D (-1699) (-)



#42

cis-1,3-Dichloropropene

Concen: 10.036 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV010814.D

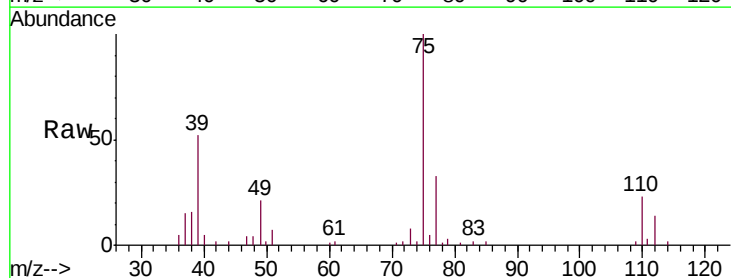
Acq: 10 May 2019 15:09

Tgt Ion: 75 Resp: 21452

Ion Ratio Lower Upper

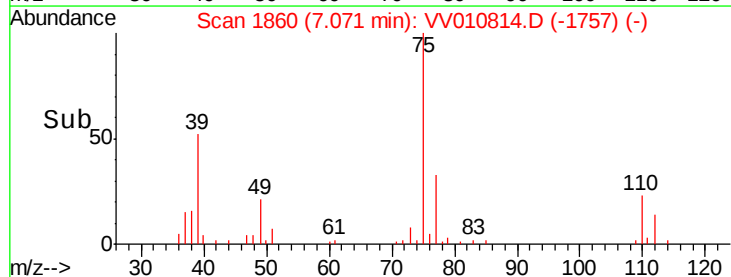
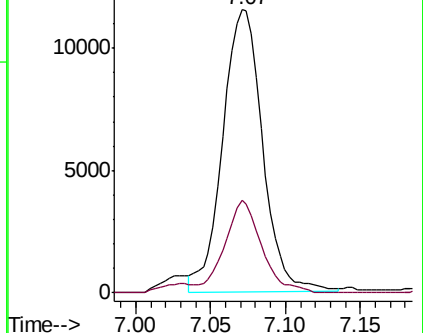
75 100

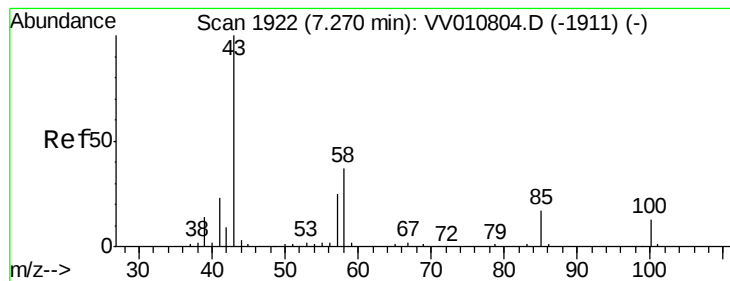
77 32.8 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV010814.D (-1859) (-)

Ion 77.00 (76.70 to 77.70): VV010814.D (-1859) (-)





#43

4-Methyl-2-pentanone

Concen: 33.401 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

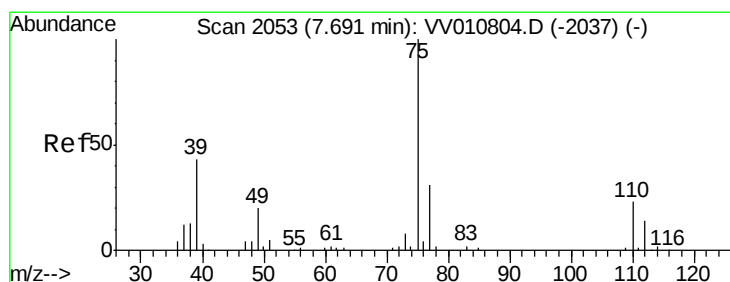
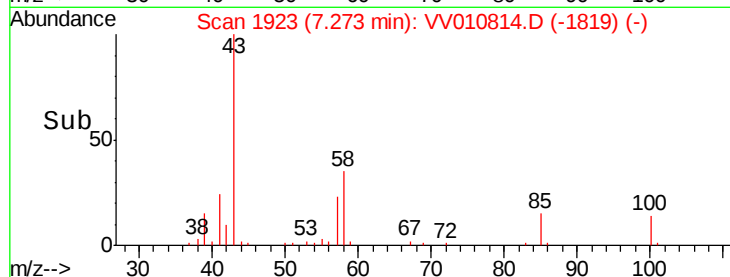
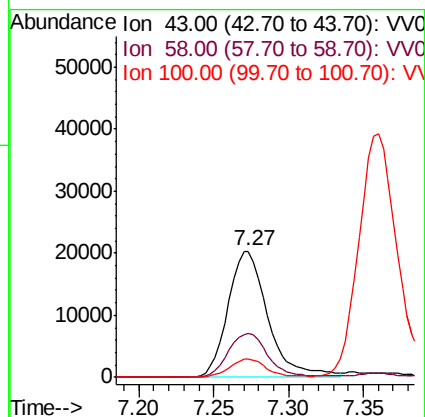
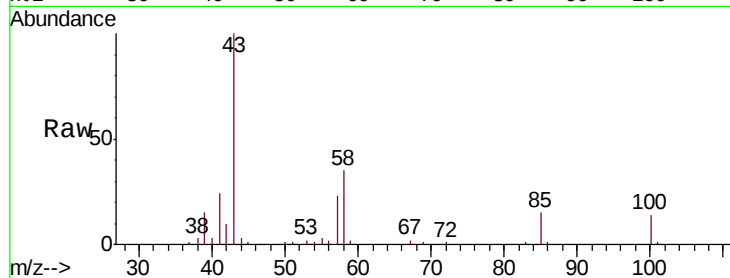
Tgt Ion: 43 Resp: 37996

Ion Ratio Lower Upper

43 100

58 34.4 28.1 42.1

100 13.4 11.0 16.6



#45

trans-1,3-Dichloropropene

Concen: 18.634 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV010814.D

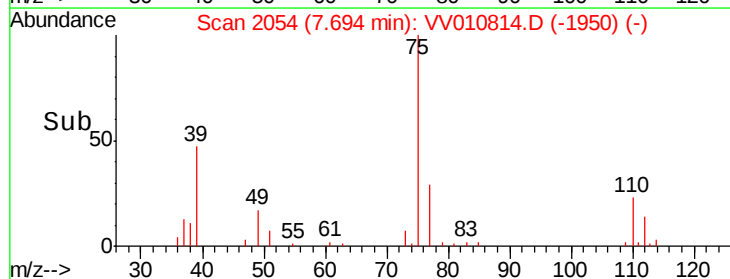
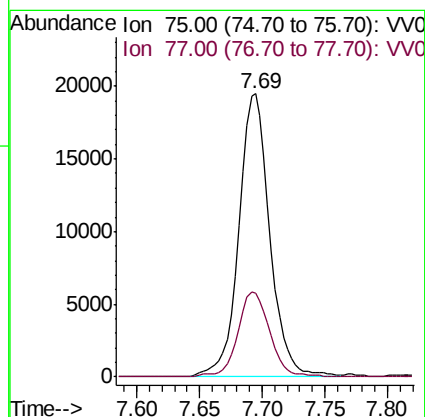
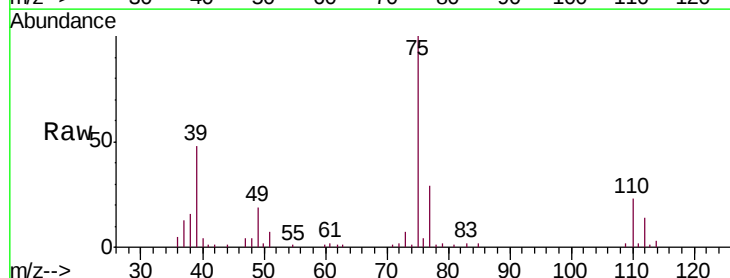
Acq: 10 May 2019 15:09

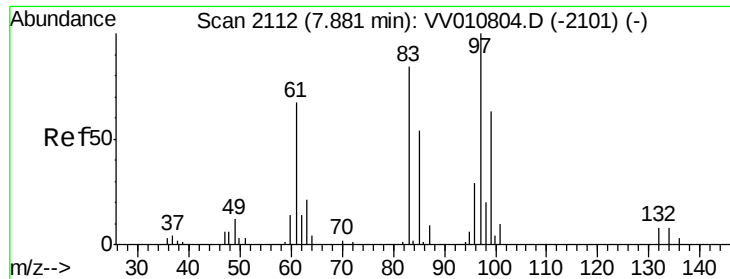
Tgt Ion: 75 Resp: 33539

Ion Ratio Lower Upper

75 100

77 29.5 22.3 41.3

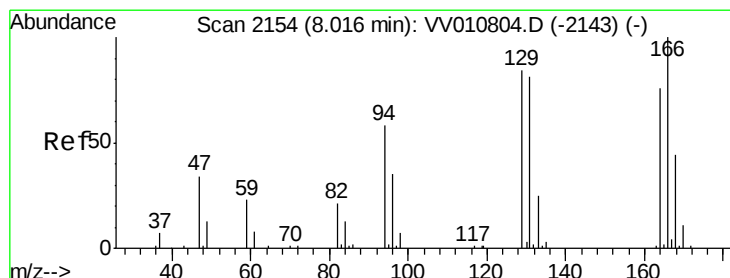
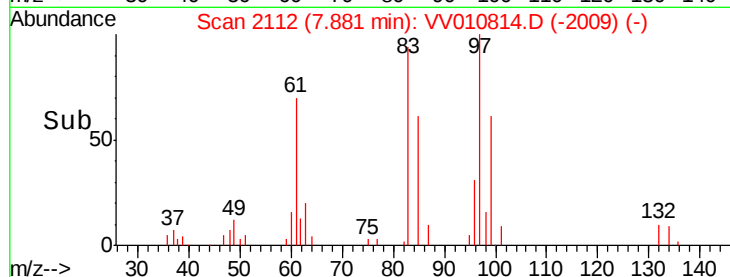
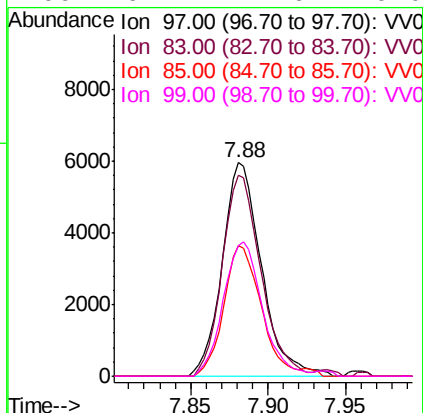
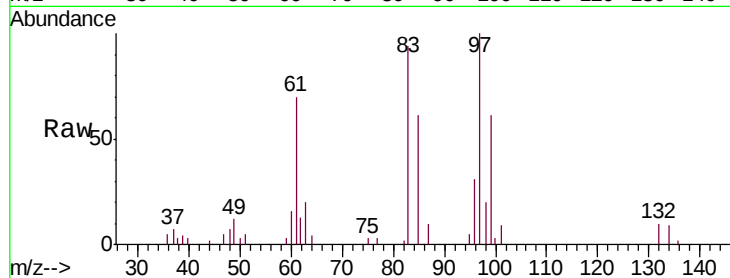




#46
 1,1,2-Trichloroethane
 Concen: 9.437 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

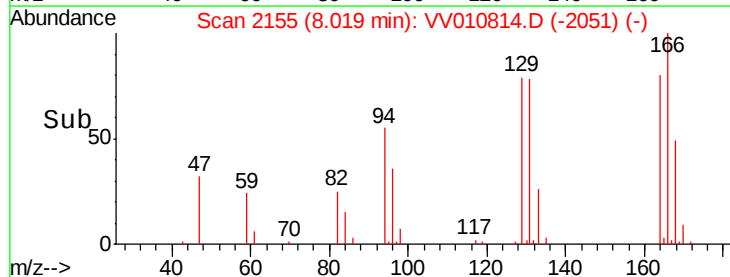
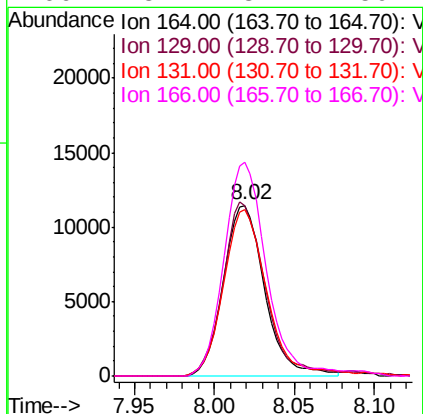
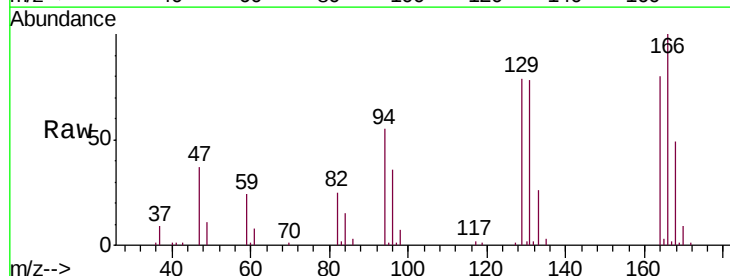
Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

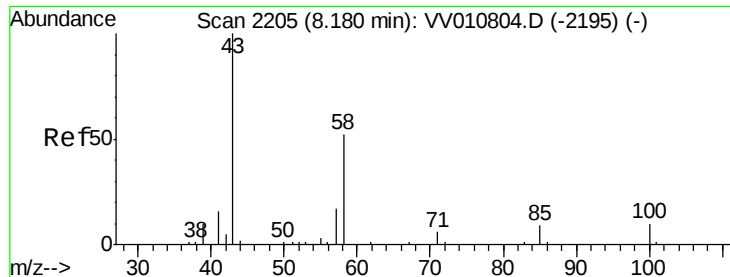
Tgt Ion:	97	Resp:	10477
Ion	Ratio	Lower	Upper
97	100		
83	94.4	62.8	116.6
85	61.4	40.2	74.6
99	61.1	42.6	79.0



#47
 Tetrachloroethene
 Concen: 19.687 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Tgt Ion:	164	Resp:	20288
Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.3	128.7
131	97.7	67.3	125.1
166	125.1	81.1	150.7

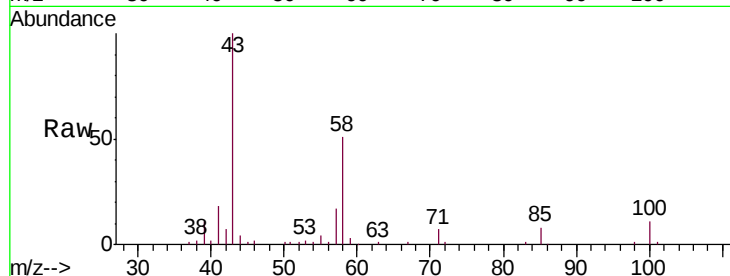




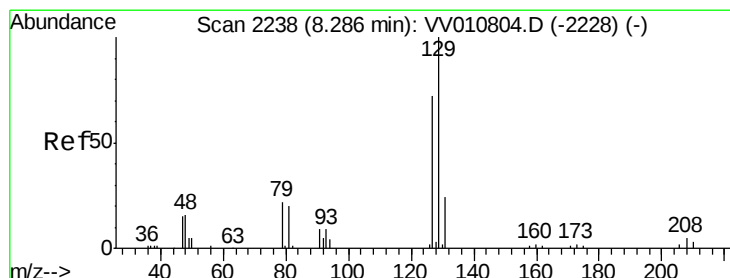
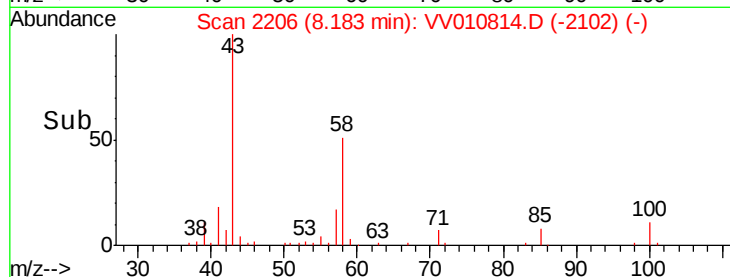
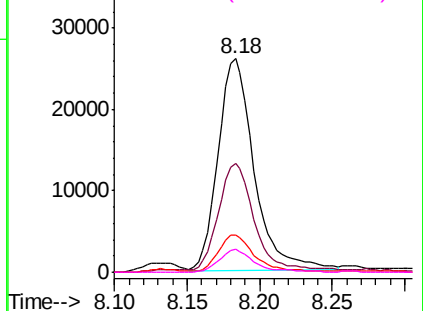
#49
2-Hexanone
Concen: 51.629 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV010814.D
Acq: 10 May 2019 15:09

Instrument :
MSVOA_V
ClientSampled :
A5107

Tgt Ion:	43	Resp:	44653
Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.4	59.0
57	16.5	14.2	21.4
100	10.4	8.2	12.2

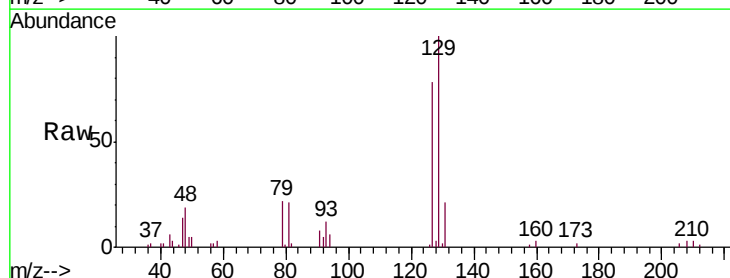


Abundance Ion 43.00 (42.70 to 43.70): VV010814.D (-2195) (-)
Ion 58.00 (57.70 to 58.70): VV010814.D (-2195) (-)
Ion 57.00 (56.70 to 57.70): VV010814.D (-2195) (-)
Ion 100.00 (99.70 to 100.70): VV010814.D (-2195) (-)

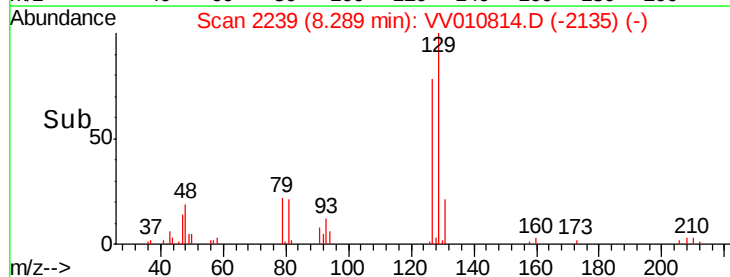
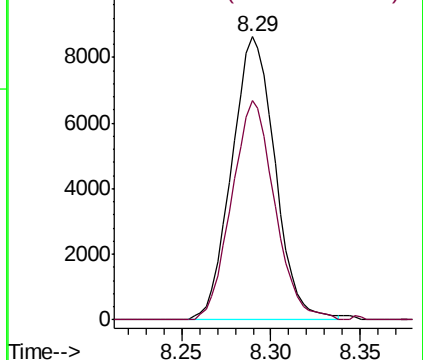


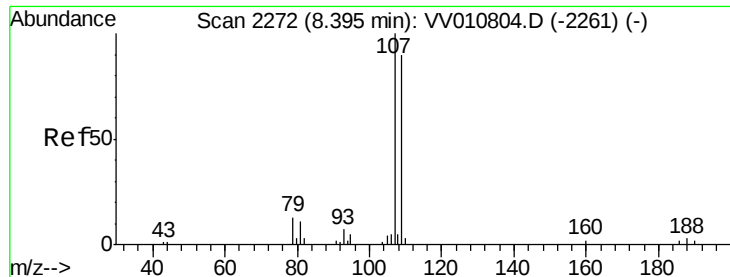
#50
Dibromochloromethane
Concen: 11.425 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010814.D
Acq: 10 May 2019 15:09

Tgt Ion:	129	Resp:	14586
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.5	101.1



Abundance Ion 129.00 (128.70 to 129.70): VV010814.D (-2228) (-)
Ion 127.00 (126.70 to 127.70): VV010814.D (-2228) (-)

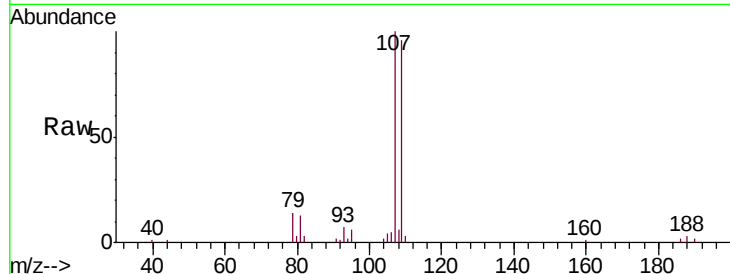




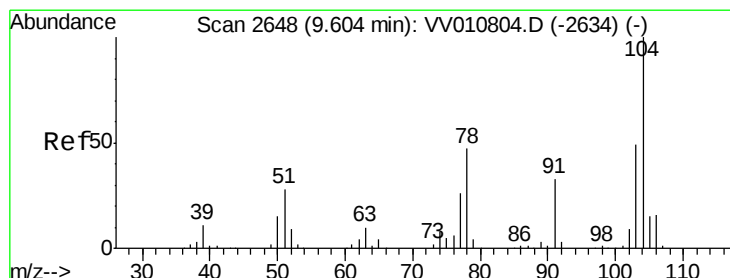
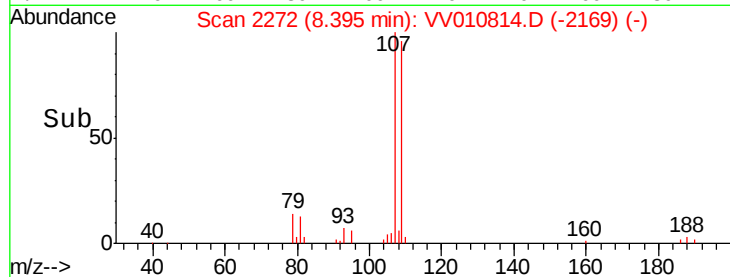
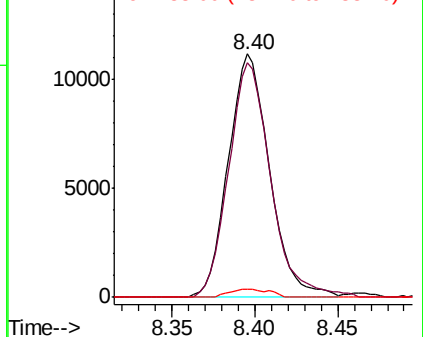
#51
 1,2-Dibromoethane
 Concen: 18.063 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

Tgt Ion:107 Resp: 19368
 Ion Ratio Lower Upper
 107 100
 109 96.3 66.6 123.6
 188 3.2 2.7 4.1

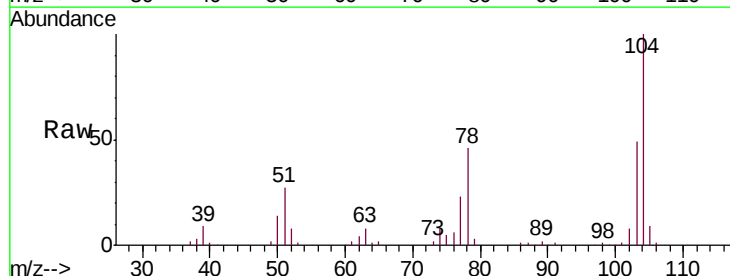


Abundance Ion 107.00 (106.70 to 107.70): V
 15000 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

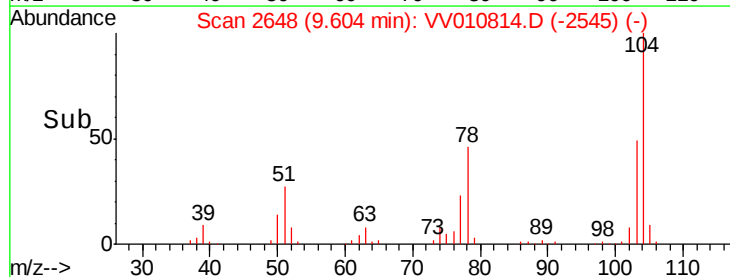
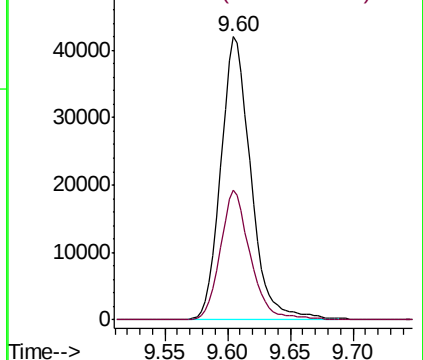


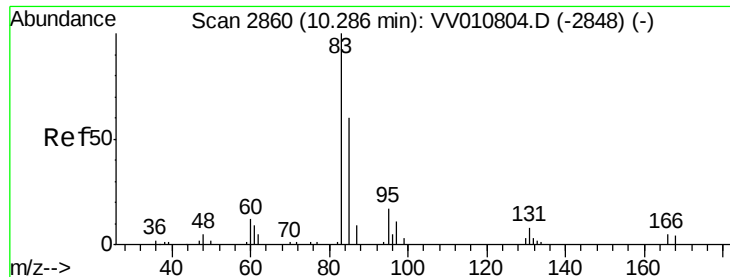
#56
 Styrene
 Concen: 16.681 ug/L
 RT: 9.60 min Scan# 2648
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Tgt Ion:104 Resp: 69944
 Ion Ratio Lower Upper
 104 100
 78 45.9 32.2 59.8



Abundance Ion 104.00 (103.70 to 104.70): V
 50000 Ion 78.00 (77.70 to 78.70): V





#58

1,1,2,2-Tetrachloroethane

Concen: 24.964 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

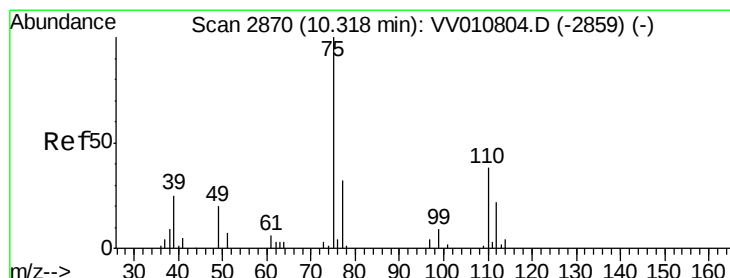
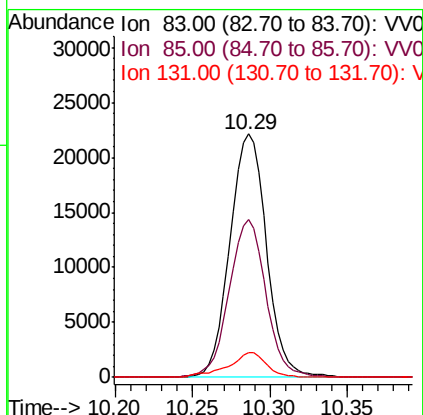
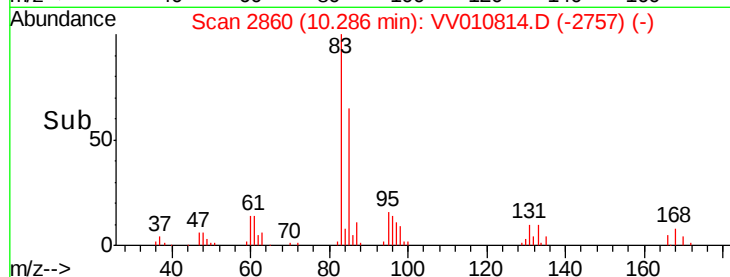
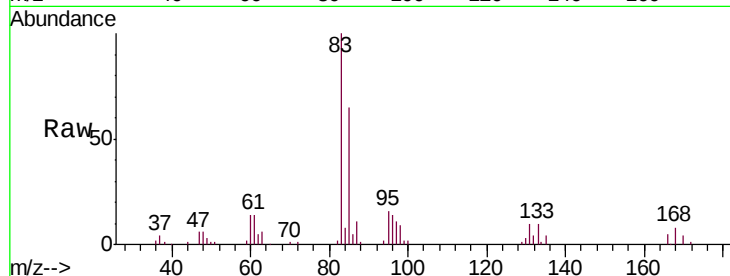
Tgt Ion: 83 Resp: 36311

Ion Ratio Lower Upper

83 100

85 64.9 44.6 82.8

131 10.2 7.9 11.9



#59

1,2,3-Trichloropropane

Concen: 5.719 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010814.D

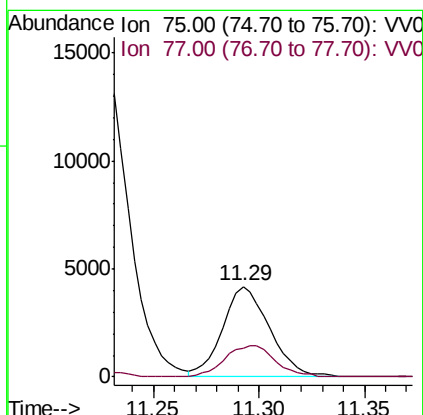
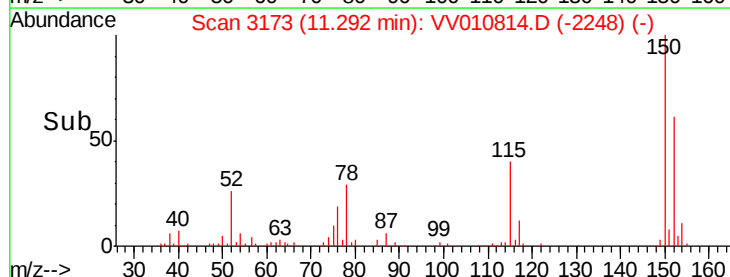
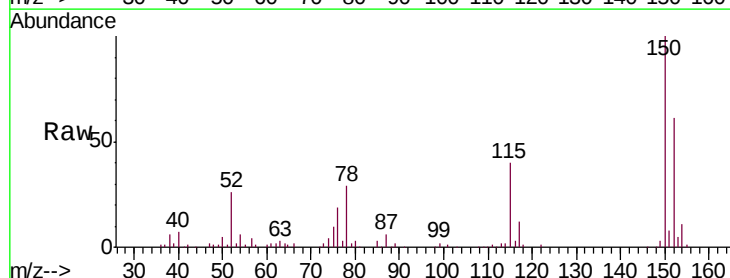
Acq: 10 May 2019 15:09

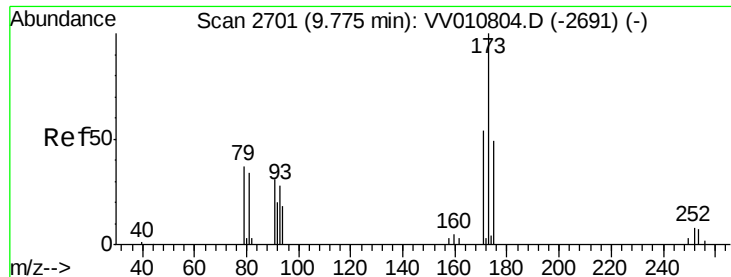
Tgt Ion: 75 Resp: 6492

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.6





#62

Bromoform

Concen: 17.457 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

A5107

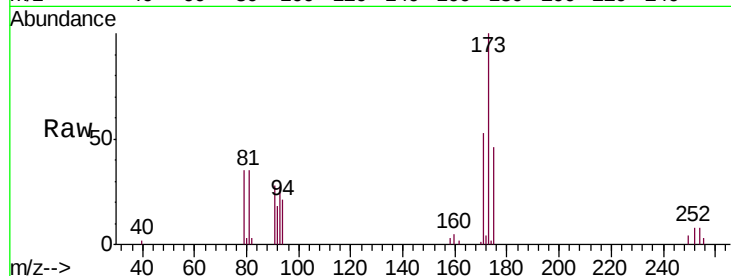
Tgt Ion:173 Resp: 12498

Ion Ratio Lower Upper

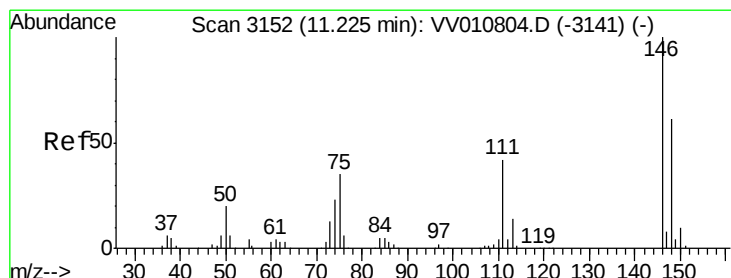
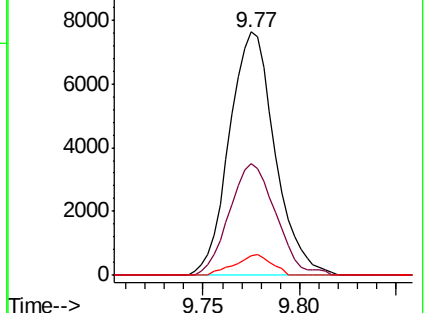
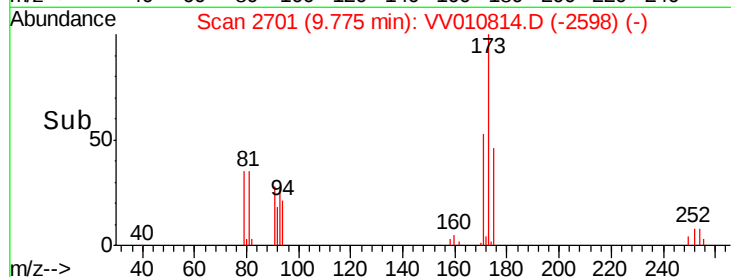
173 100

175 46.7 38.6 58.0

254 6.8 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: 24.204 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV010814.D

Acq: 10 May 2019 15:09

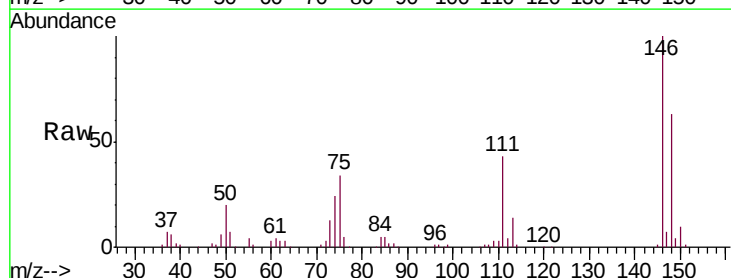
Tgt Ion:146 Resp: 70835

Ion Ratio Lower Upper

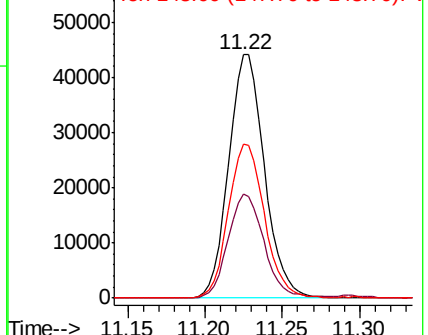
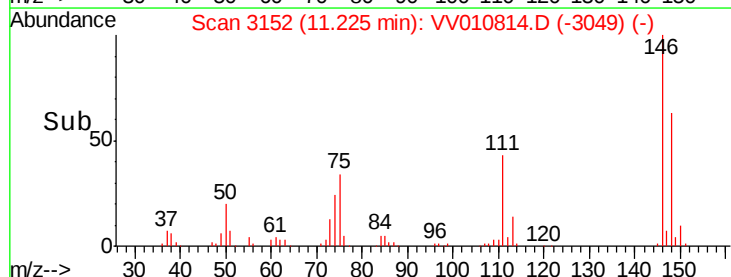
146 100

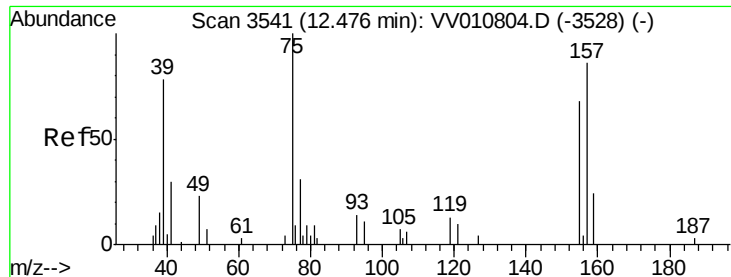
111 42.8 30.6 56.8

148 63.2 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

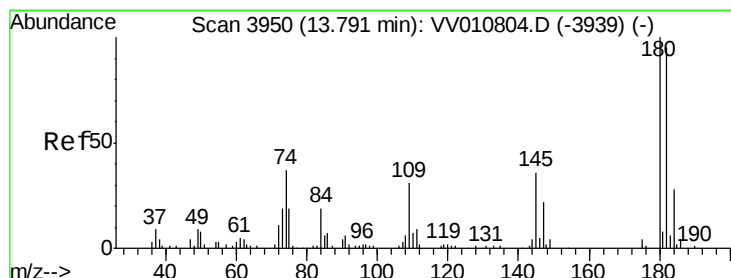
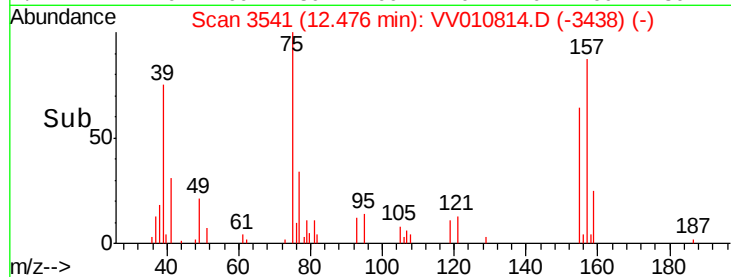
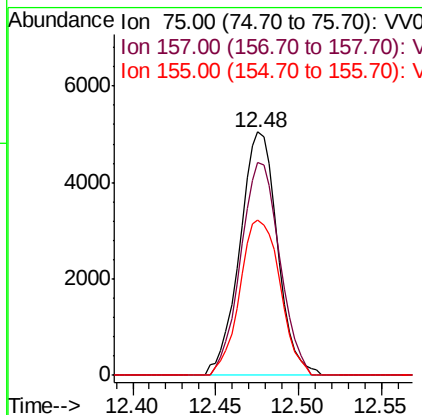
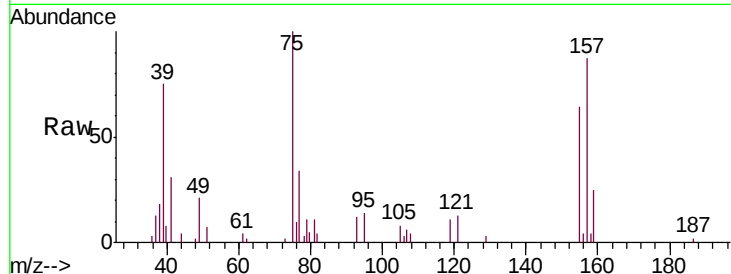




#66
 1,2-Dibromo-3-chloropropane
 Concen: 30.263 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

Tgt Ion: 75 Resp: 7982
 Ion Ratio Lower Upper
 75 100
 157 87.3 76.9 115.3
 155 63.7 57.9 86.9



#70
 1,2,3-Trichlorobenzene
 Concen: 7.071 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VV010814.D
 Acq: 10 May 2019 15:09

Tgt Ion: 180 Resp: 10819
 Ion Ratio Lower Upper
 180 100
 182 100.1 74.3 111.5
 145 37.1 28.5 42.7

