

Data File : VV010819.D
Acq On : 10 May 2019 17:50
Operator : SY/MD
Sample : K2692-24MS
Misc : 6.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5186MS

Quant Time: May 10 23:04:18 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	72421	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32612	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23701	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.28%
7) Chloroethane-d5	1.56	69	23556	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
10) 1,1-Dichloroethene-d2	2.12	63	56508	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.64%
20) 2-Butanone-d5	3.93	46	30614	90.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.36%#
24) Chloroform-d	4.40	84	50660	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.08	65	37488	30.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.60%
29) Benzene-d6	5.09	84	95148	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	6.12	67	32749	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.68%
37) Toluene-d8	7.36	98	83363	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	7.66	79	14667	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.88%
39) 2-Hexanone-d5	8.13	63	23050	86.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.68%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41573	34.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	34000	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%

Target Compounds

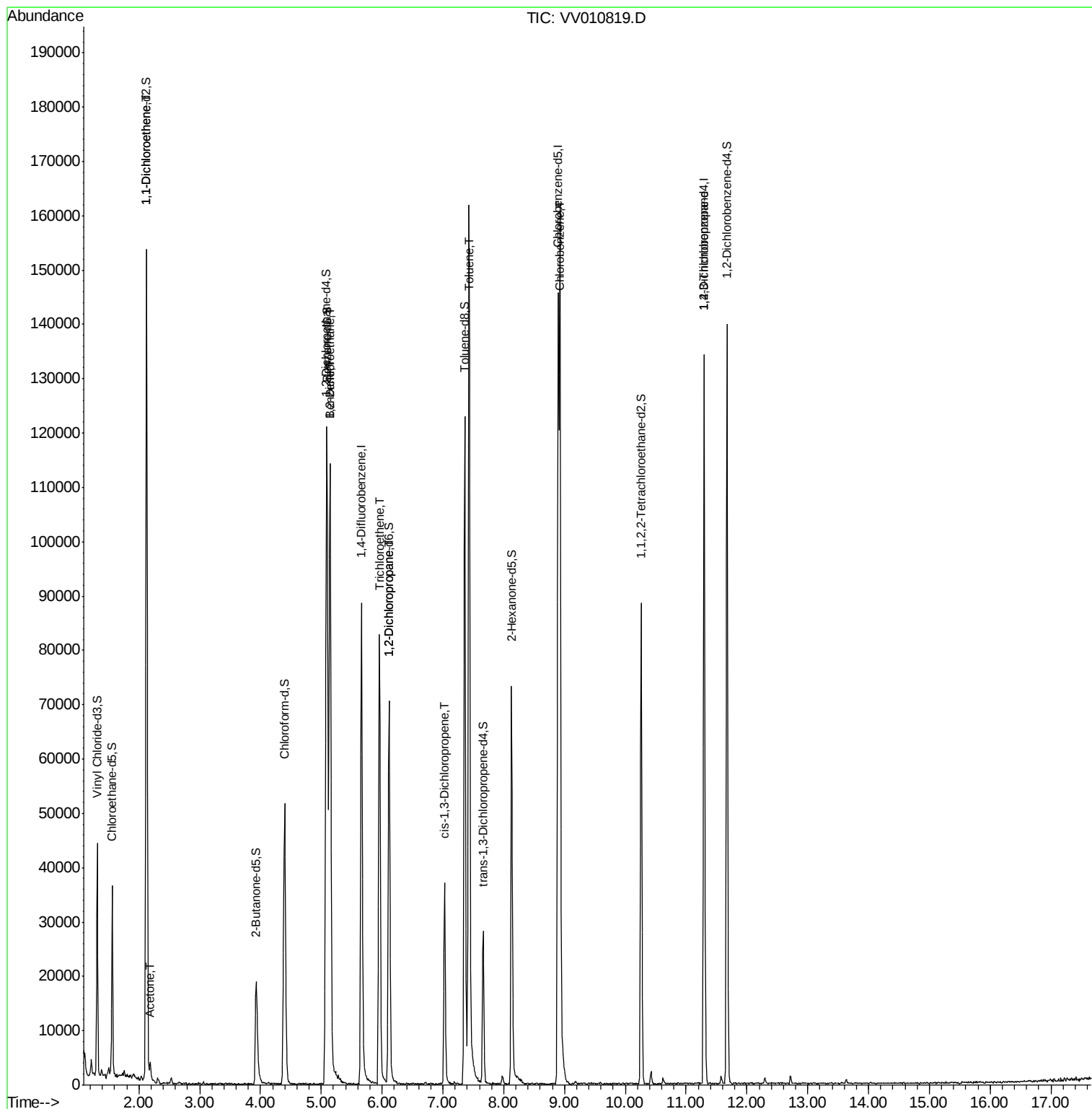
					Qvalue
12) 1,1-Dichloroethene	2.13	96	29919	26.242	ug/L 95
13) Acetone	2.19	43	2234	4.274	ug/L 98
27) 1,2-Dichloroethane	5.14	62	941	0.587	ug/L # 78
34) Benzene	5.14	78	107254	24.019	ug/L 100
35) Trichloroethene	5.96	95	27648	22.104	ug/L 96
40) 1,2-Dichloropropane	6.12	63	4070	3.426	ug/L # 87
42) cis-1,3-Dichloropropene	7.03	75	1009	0.537	ug/L # 59
44) Toluene	7.43	91	120336	23.728	ug/L 99
52) Chlorobenzene	8.92	112	79539	24.006	ug/L 98
59) 1,2,3-Trichloropropane	11.30	75	4257	4.266	ug/L # 78

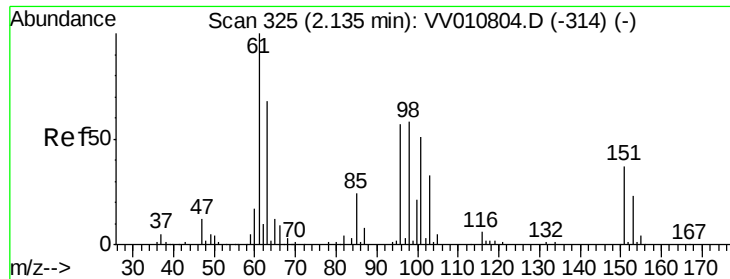
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 26.242 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

A5186MS

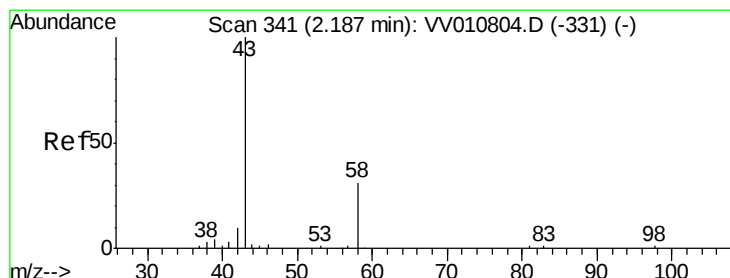
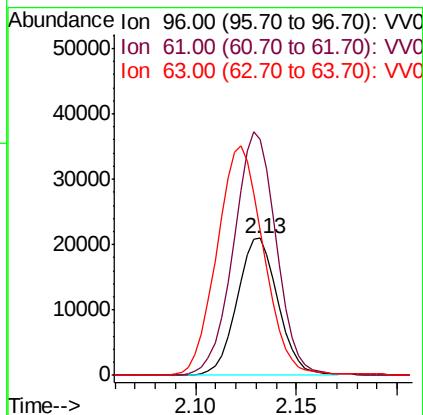
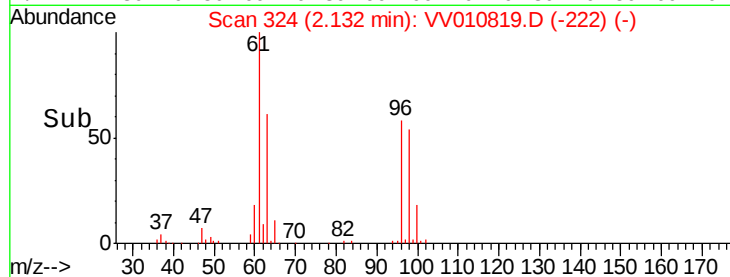
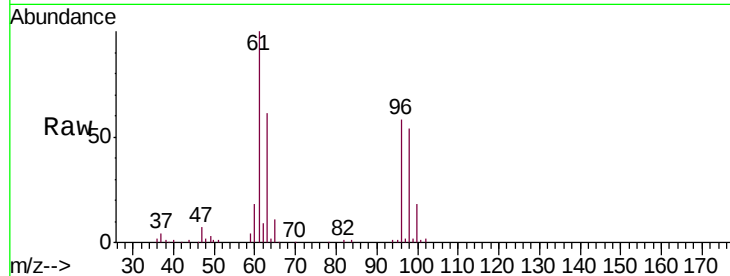
Tgt Ion: 96 Resp: 29919

Ion Ratio Lower Upper

96 100

61 172.3 120.3 223.3

63 105.4 82.9 153.9



#13

Acetone

Concen: 4.274 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010819.D

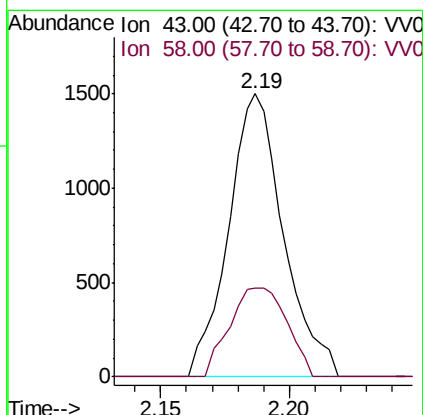
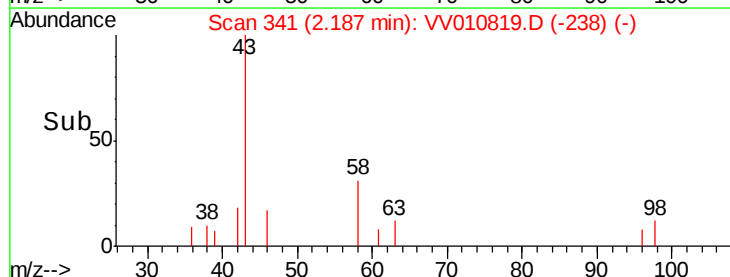
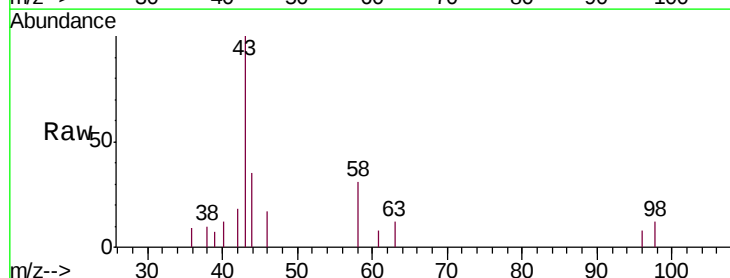
Acq: 10 May 2019 17:50

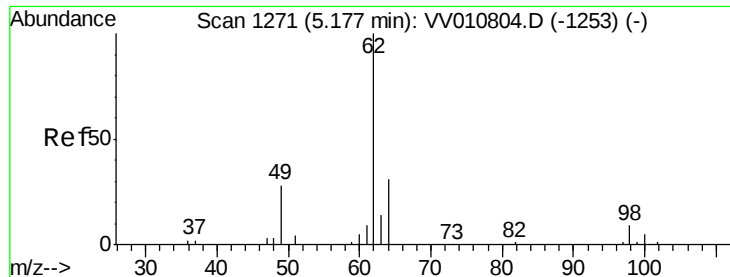
Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.4

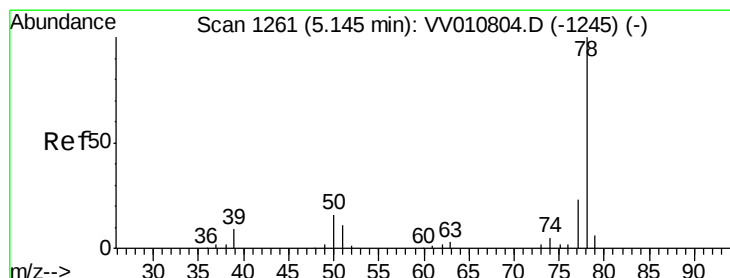
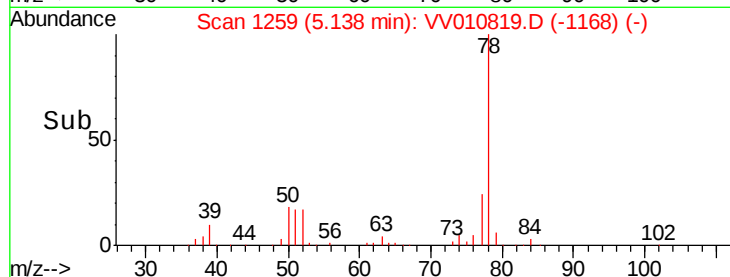
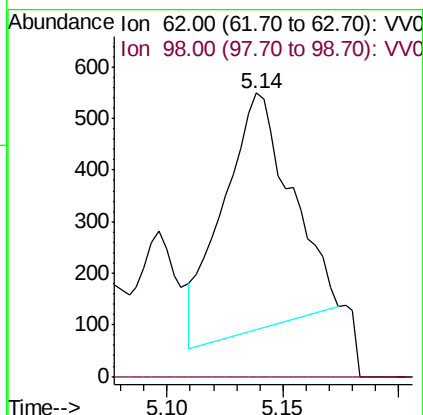
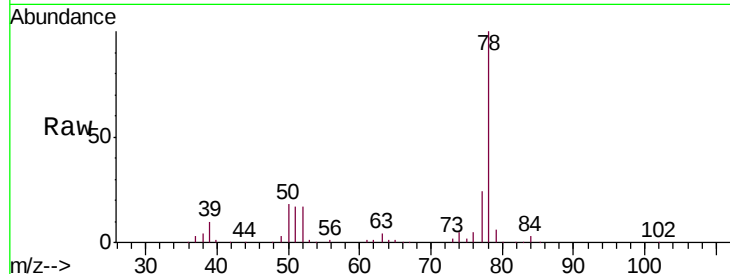




#27
 1,2-Dichloroethane
 Concen: 0.587 ug/L
 RT: 5.14 min Scan# 1259
 Delta R.T. -0.04 min
 Lab File: VV010819.D
 Acq: 10 May 2019 17:50

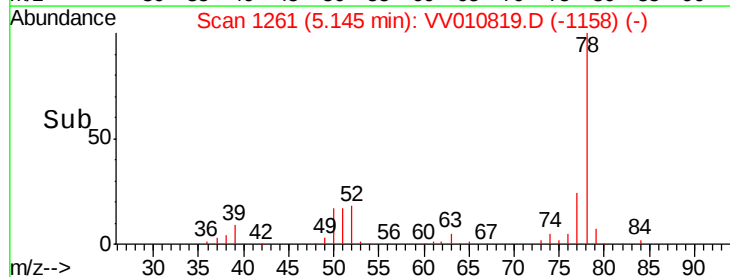
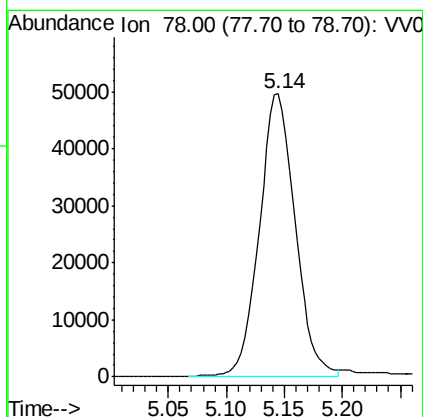
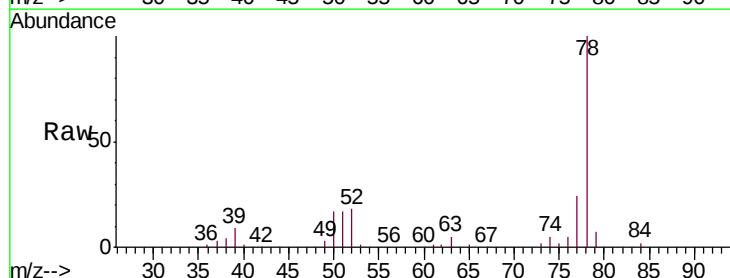
Instrument :
 MSVOA_V
 ClientSampleId :
 A5186MS

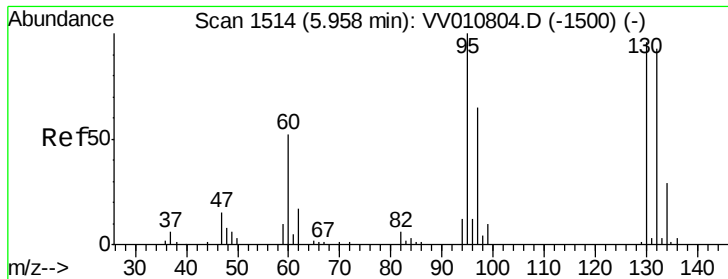
Tgt Ion: 62 Resp: 941
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#34
 Benzene
 Concen: 24.019 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV010819.D
 Acq: 10 May 2019 17:50

Tgt Ion: 78 Resp: 107254





#35

Trichloroethene

Concen: 22.104 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

A5186MS

Tgt Ion: 95 Resp: 27648

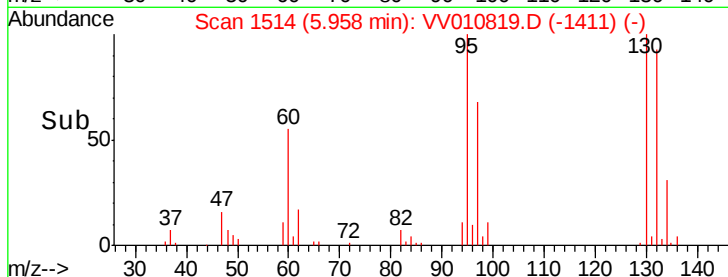
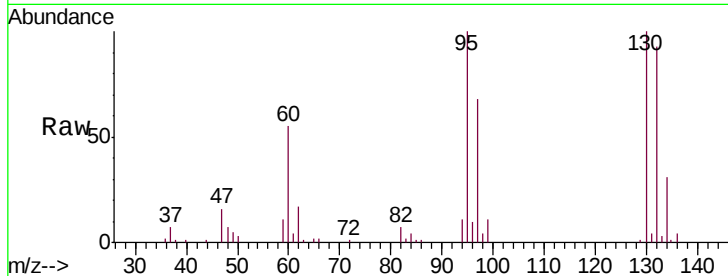
Ion Ratio Lower Upper

95 100

97 65.8 44.3 82.3

132 93.4 62.4 115.8

130 100.6 68.5 127.3

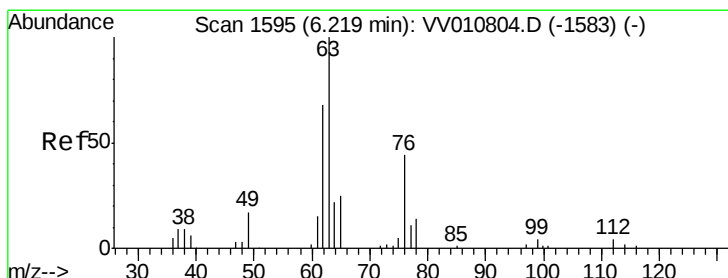
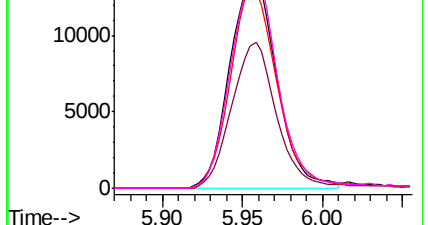


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.426 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010819.D

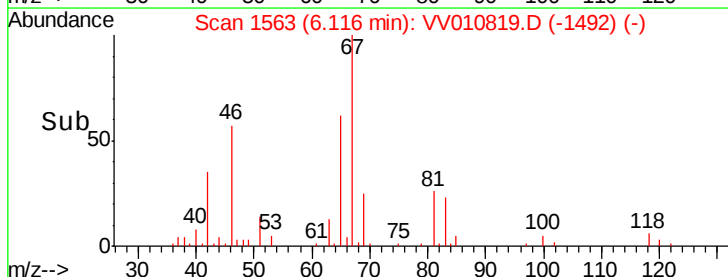
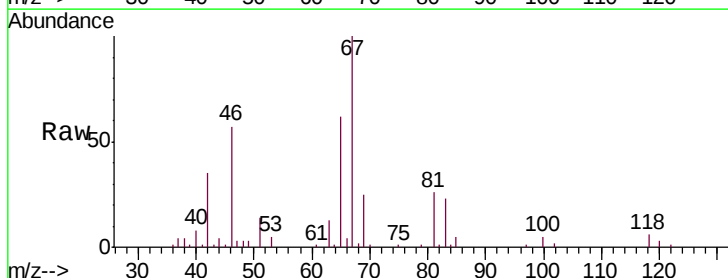
Acq: 10 May 2019 17:50

Tgt Ion: 63 Resp: 4070

Ion Ratio Lower Upper

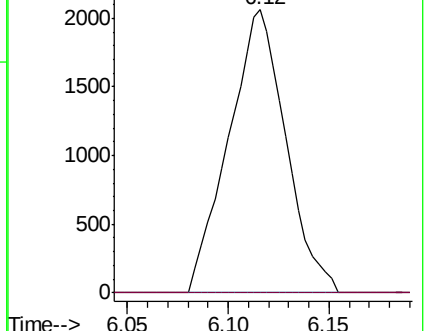
63 100

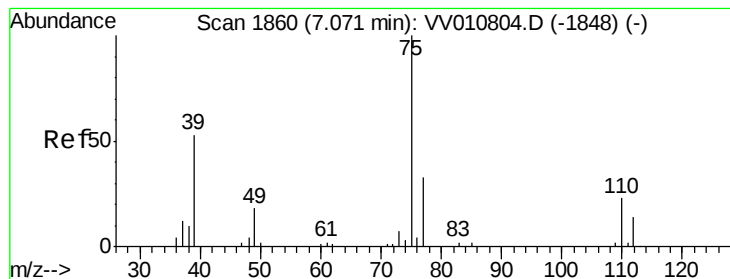
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



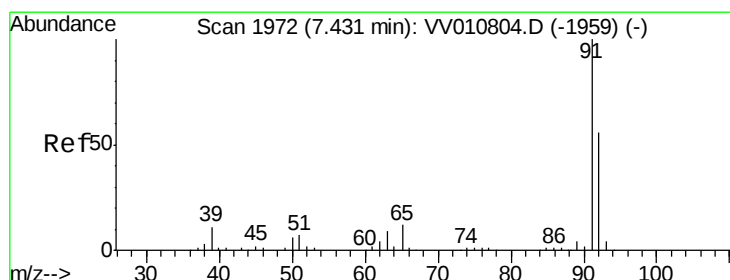
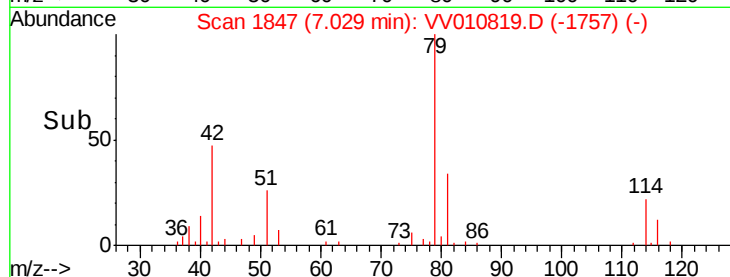
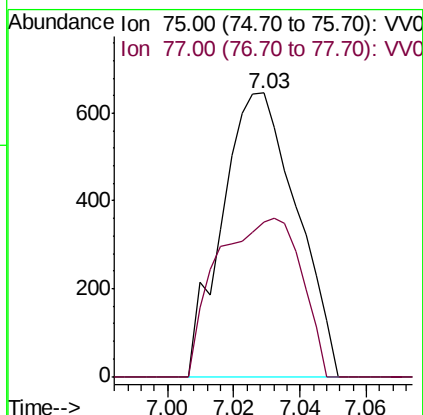
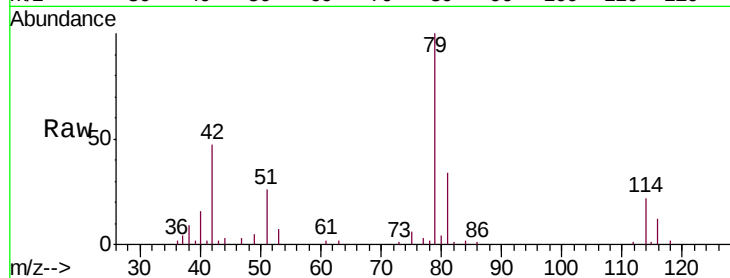


#42

cis-1,3-Dichloropropene
Concen: 0.537 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010819.D
Acq: 10 May 2019 17:50

Instrument :
MSVOA_V
ClientSampleId :
A5186MS

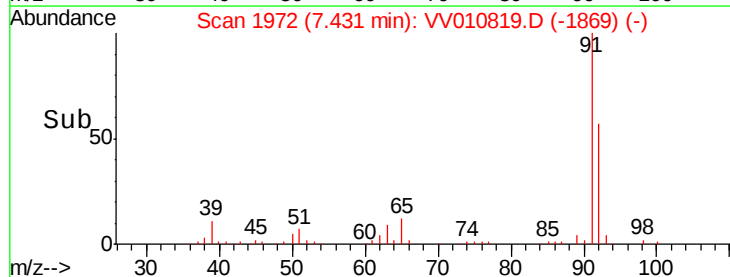
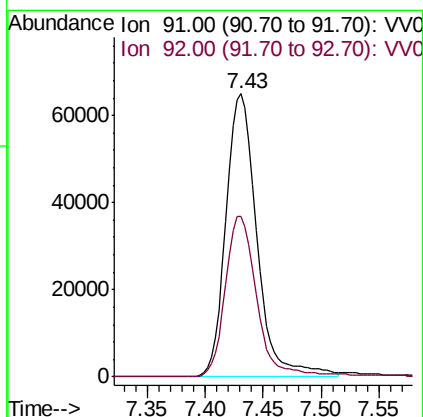
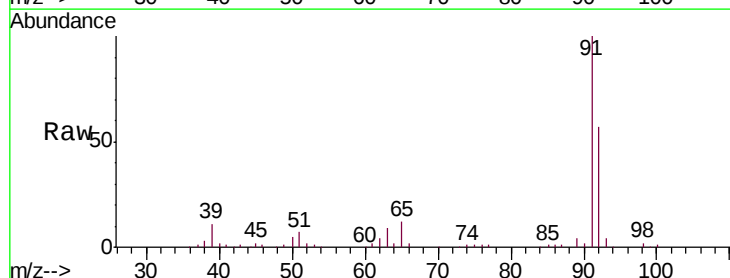
Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 54.3 22.3 41.3#

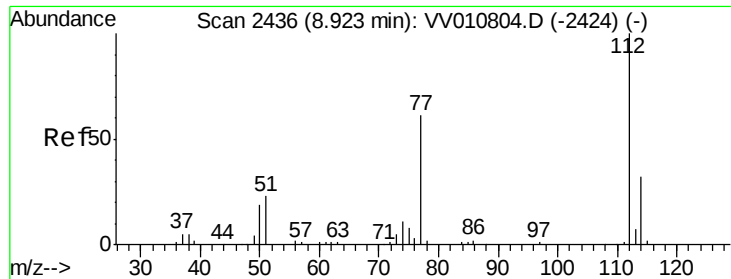


#44

Toluene
Concen: 23.728 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010819.D
Acq: 10 May 2019 17:50

Tgt Ion: 91 Resp: 120336
Ion Ratio Lower Upper
91 100
92 56.8 40.1 74.5

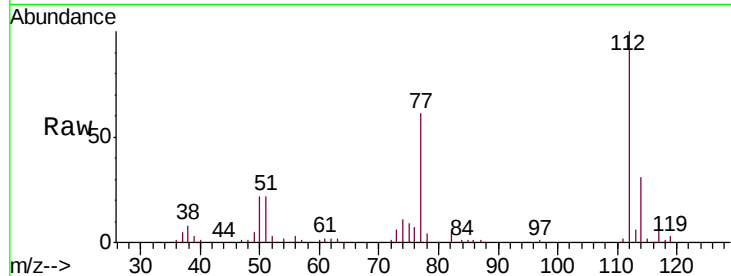




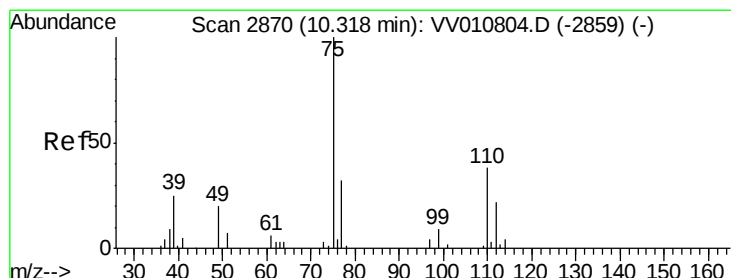
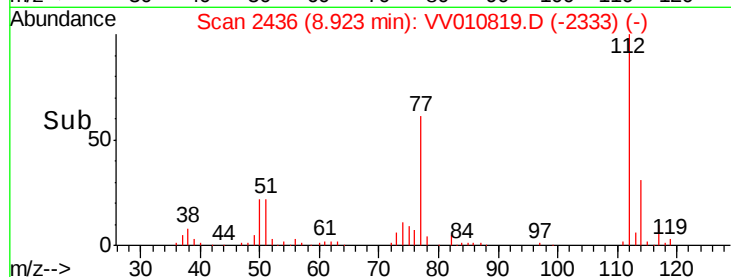
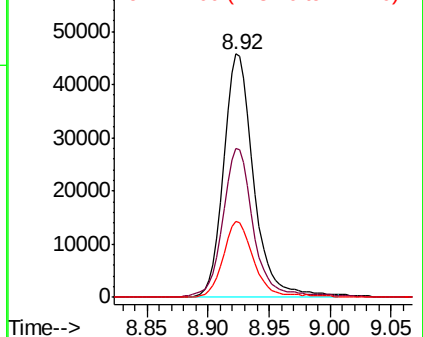
#52
Chlorobenzene
Concen: 24.006 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV010819.D
Acq: 10 May 2019 17:50

Instrument :
MSVOA_V
ClientSampleId :
A5186MS

Tgt Ion: 112 Resp: 79539
Ion Ratio Lower Upper
112 100
77 61.3 47.7 71.5
114 31.3 22.1 41.1

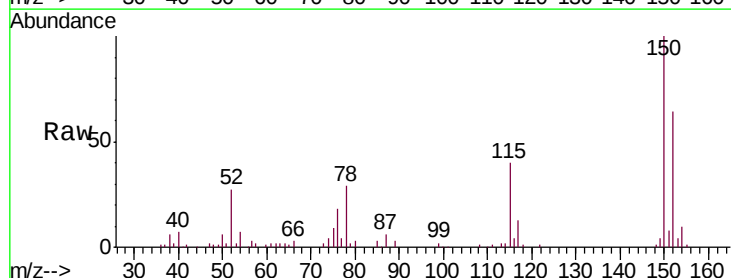


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VV0
Ion 114.00 (113.70 to 114.70): V



#59
1,2,3-Trichloropropane
Concen: 4.266 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010819.D
Acq: 10 May 2019 17:50

Tgt Ion: 75 Resp: 4257
Ion Ratio Lower Upper
75 100
77 43.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

