

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015628.D
 Acq On : 22 Apr 2020 18:02
 Operator : SY/MD
 Sample : L2366-22MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33804	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.57	69	31689	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	76239	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.95	46	102231	44.06	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	4.38	84	74806	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	43264	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.07	84	145947	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	45617	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.34	98	134517	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.64	79	13940	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.11	63	82149	43.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33136	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	50953	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

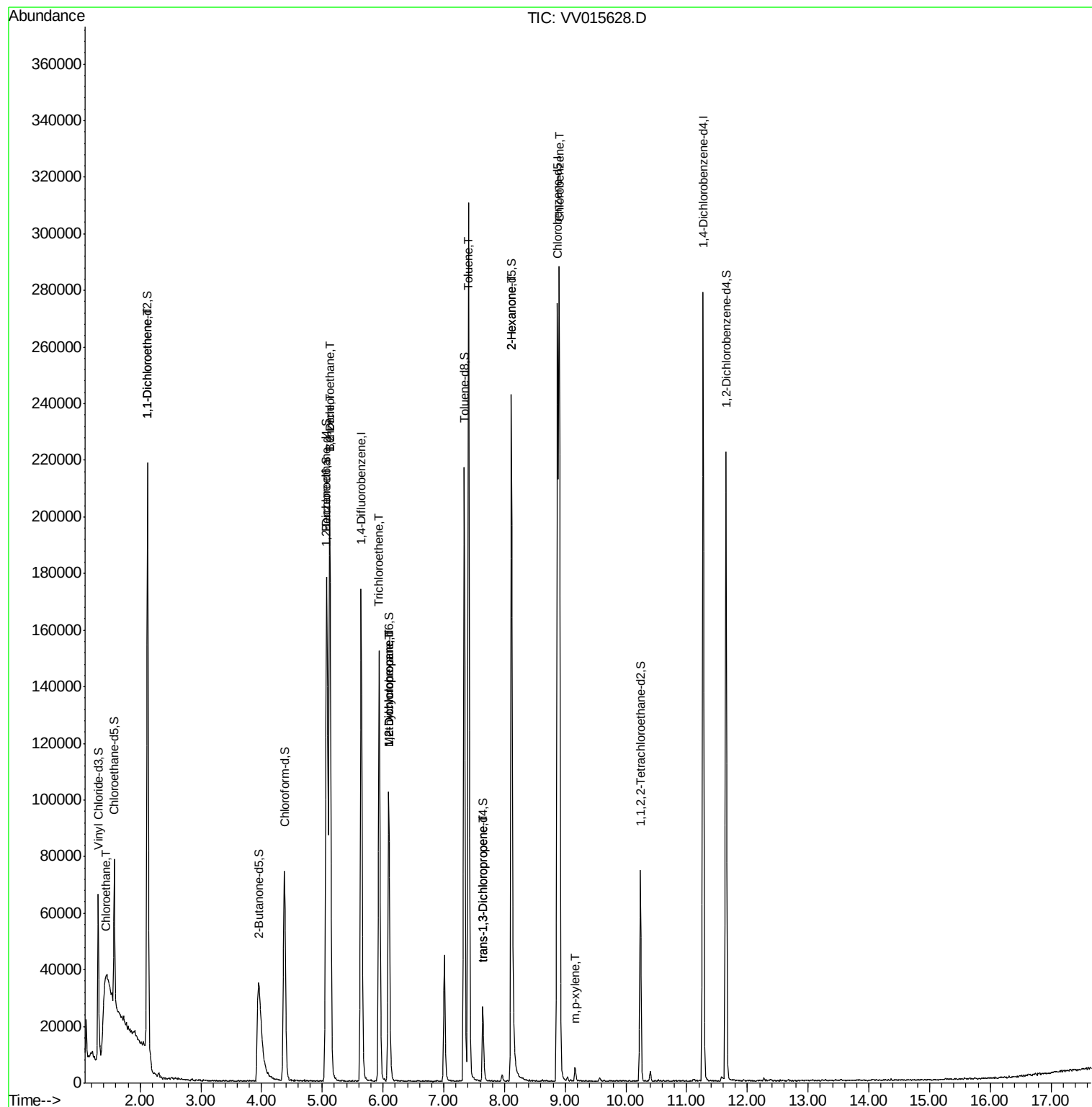
					Ovalue
8) Chloroethane	1.44	64	57517	8.003 ug/L #	51
12) 1,1-Dichloroethene	2.13	96	41494	5.156 ug/L	95
27) 1,2-Dichloroethane	5.13	62	2074	0.168 ug/L #	78
33) Benzene	5.13	78	201042	5.420 ug/L	100
34) Trichloroethene	5.94	95	52414	5.117 ug/L	97
35) Methylcyclohexane	6.09	83	11258	0.716 ug/L #	15
37) 1,2-Dichloropropane	6.09	63	5885	0.624 ug/L #	86
42) Toluene	7.41	91	210705	5.316 ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	679	0.061 ug/L #	66
48) 2-Hexanone	8.11	43	11755	2.694 ug/L #	79
51) Chlorobenzene	8.90	112	136163	5.244 ug/L	99
53) m,p-xylene	9.16	106	1280	0.076 ug/L	79

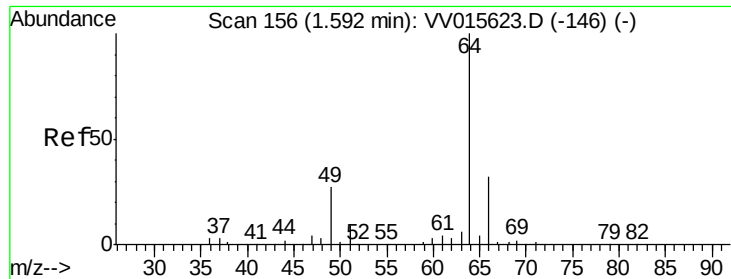
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042220\
Data File : VV015628.D
Acq On : 22 Apr 2020 18:02
Operator : SY/MD
Sample : L2366-22MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 23 03:09:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 8.003 ug/L

RT: 1.44 min Scan# 108

Delta R.T. -0.15 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

Instrument :

MSVOA_V

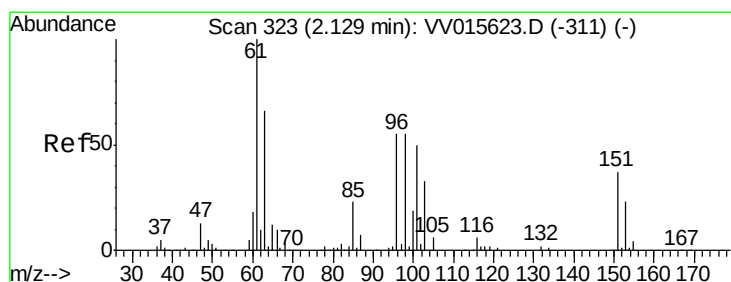
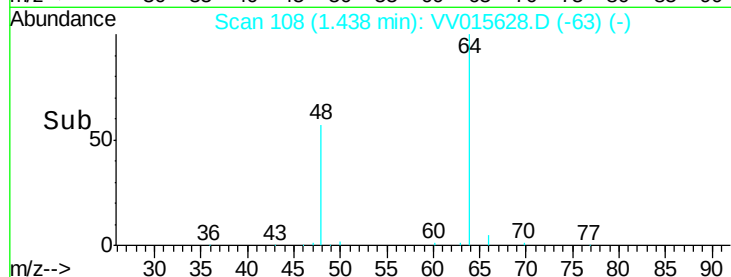
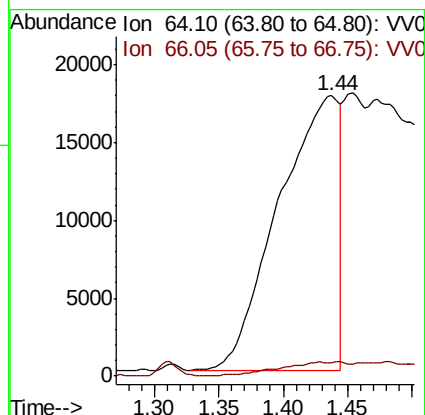
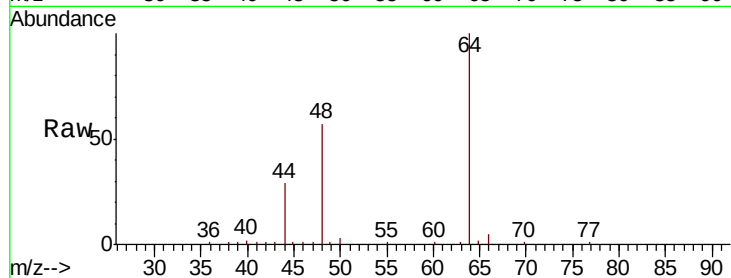
ClientSampleId :

Tot Ion: 64 Resp: 57517

Ion Ratio Lower Upper

64 100

66 4.8 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 5.156 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

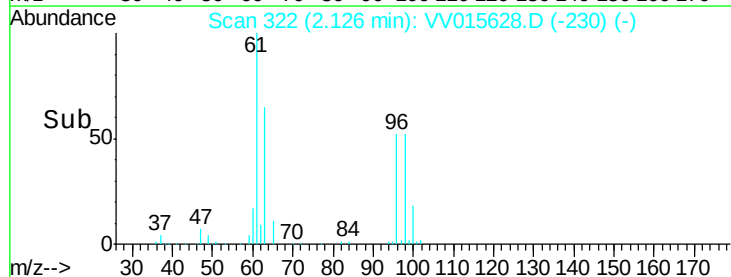
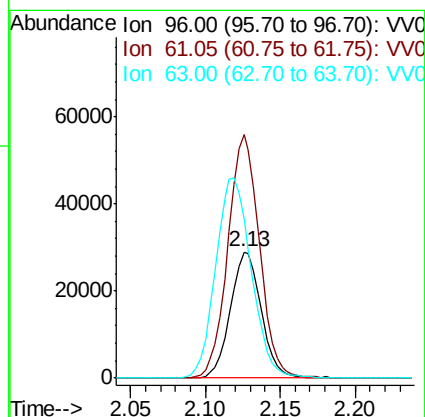
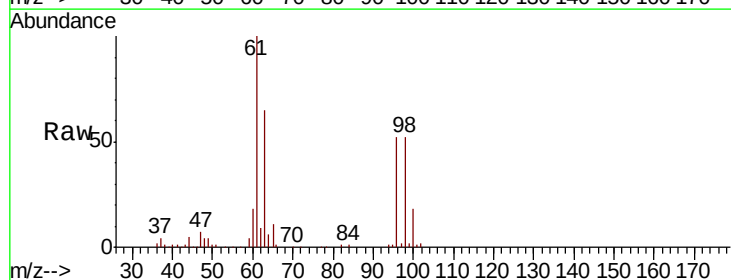
Tgt Ion: 96 Resp: 41494

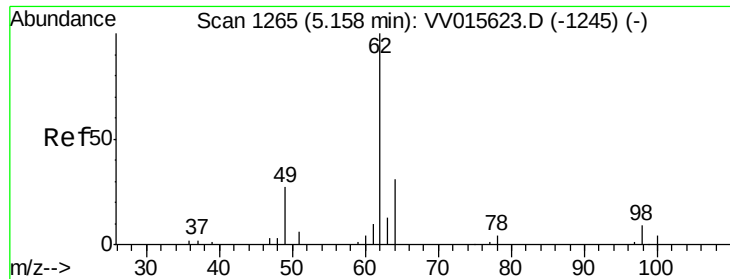
Ion Ratio Lower Upper

96 100

61 193.0 130.1 241.7

63 126.0 91.4 169.8

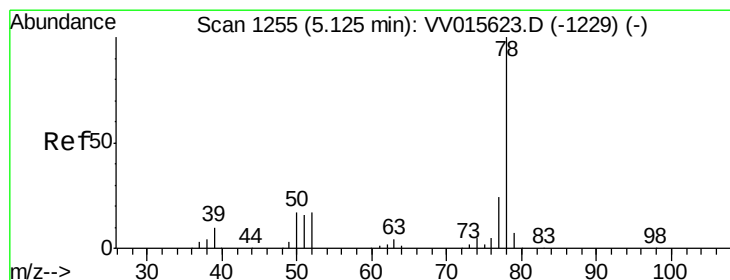
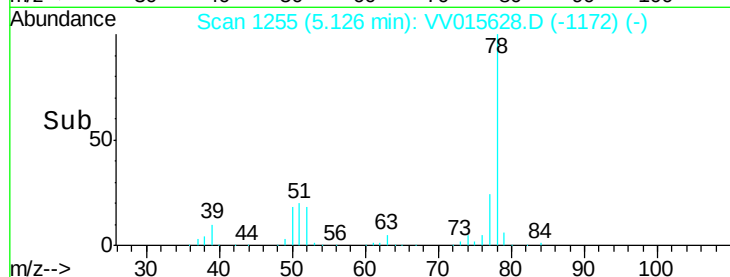
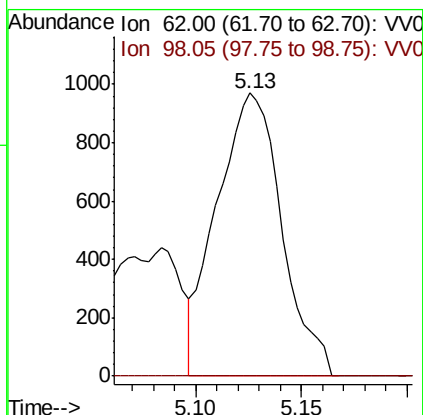
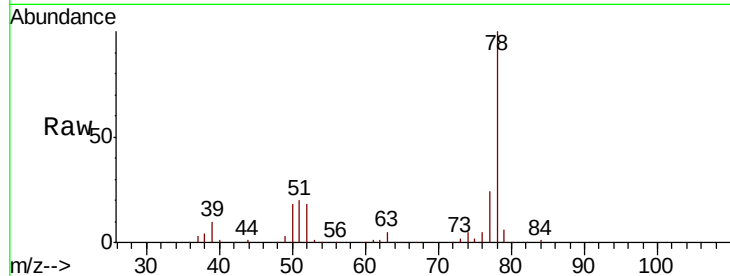




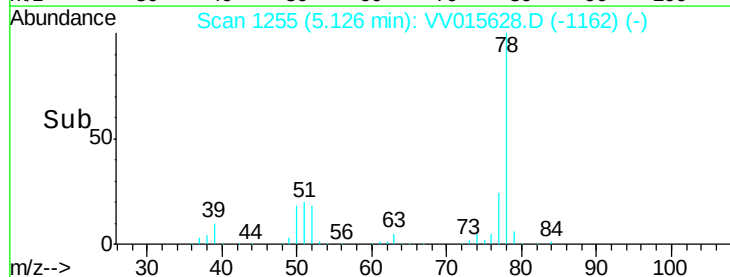
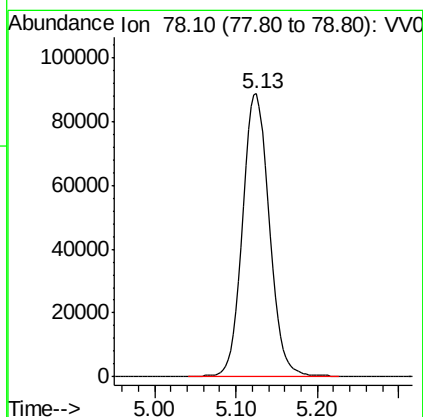
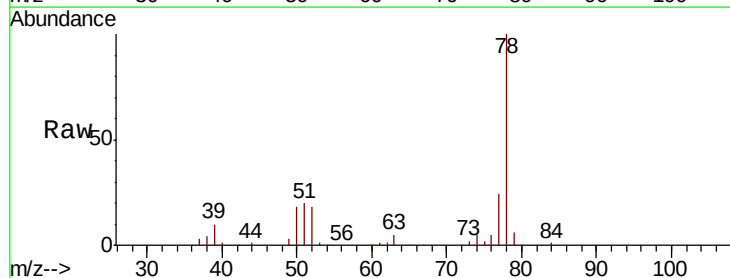
#27
1,2-Dichloroethane
Concen: 0.168 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.03 min
Lab File: VV015628.D
Acq: 22 Apr 2020 18:02

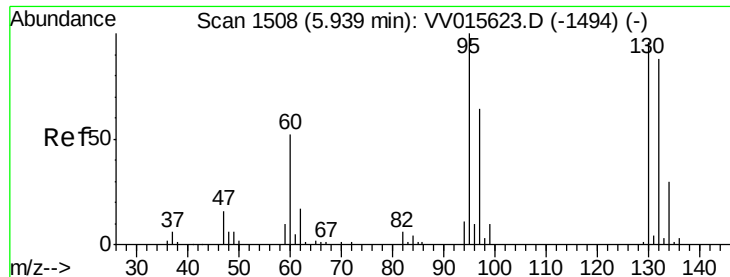
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 2074
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#



#33
Benzene
Concen: 5.420 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015628.D
Acq: 22 Apr 2020 18:02
Tgt Ion: 78 Resp: 201042





#34

Trichloroethene

Concen: 5.117 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 52414

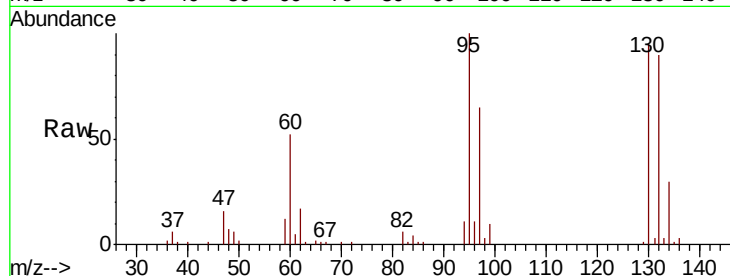
Ion Ratio Lower Upper

95 100

97 65.2 44.7 82.9

132 89.8 65.2 121.0

130 94.9 65.0 120.6

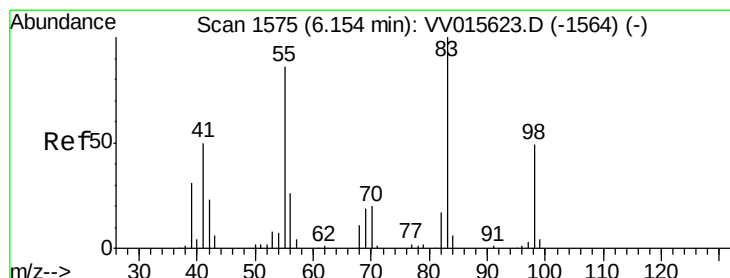
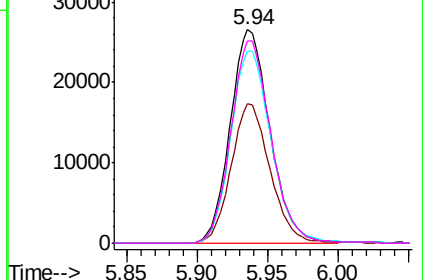
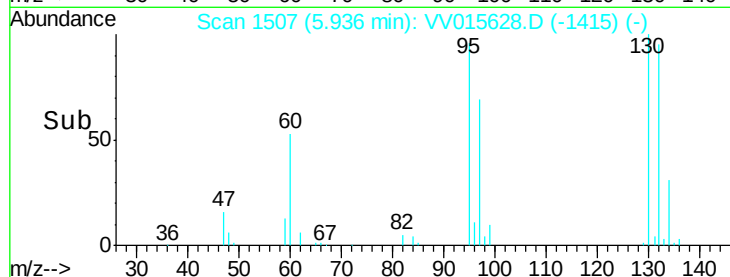


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.716 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

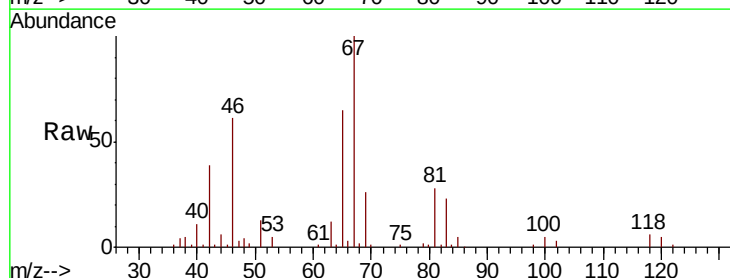
Tgt Ion: 83 Resp: 11258

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

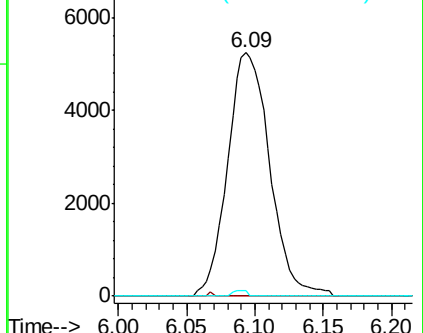
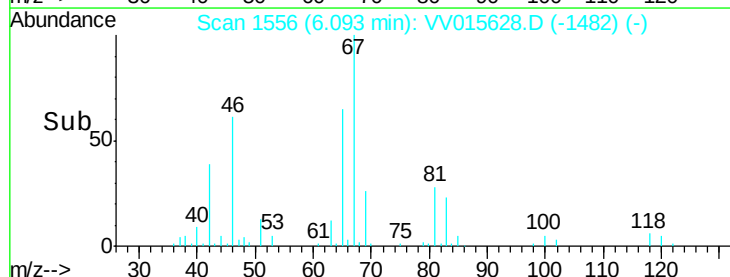
98 0.0 39.5 59.3#

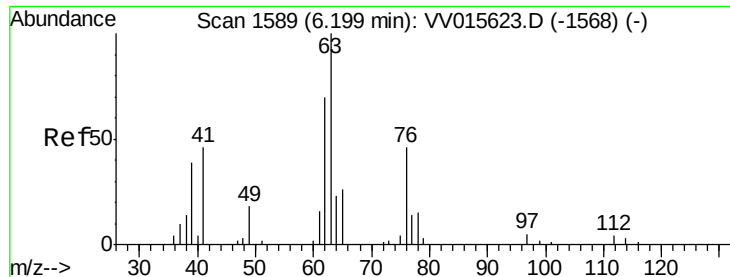


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

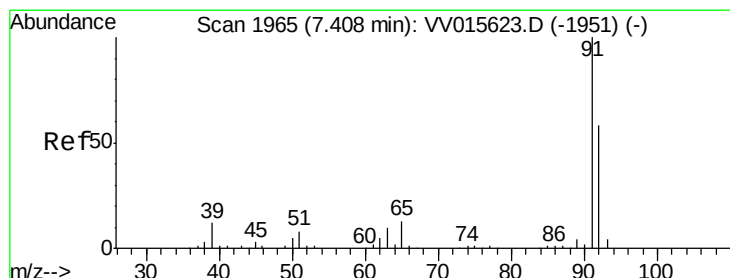
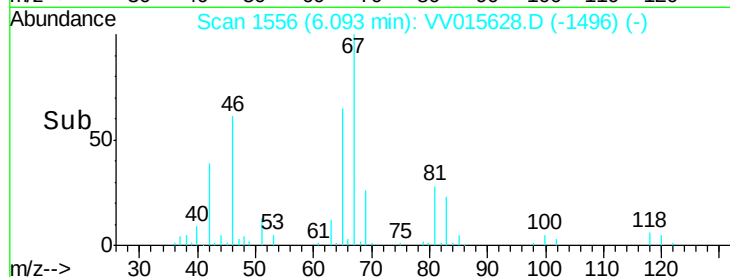
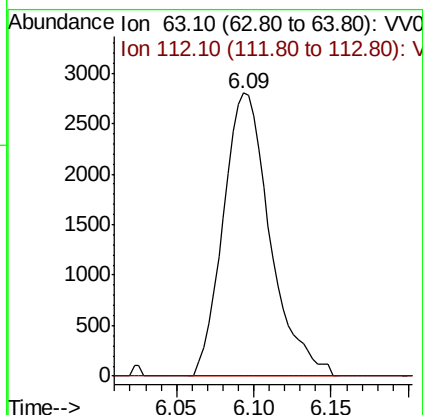
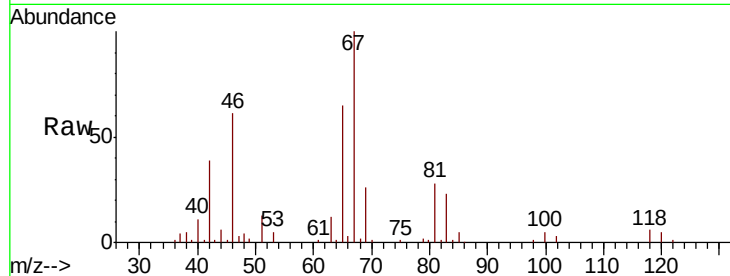




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015628.D
 Acq: 22 Apr 2020 18:02

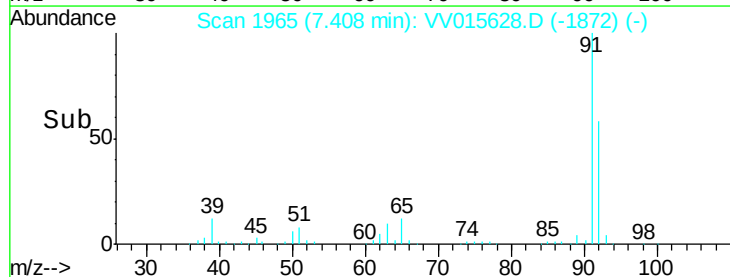
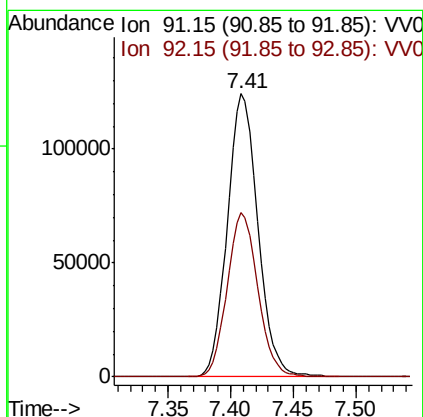
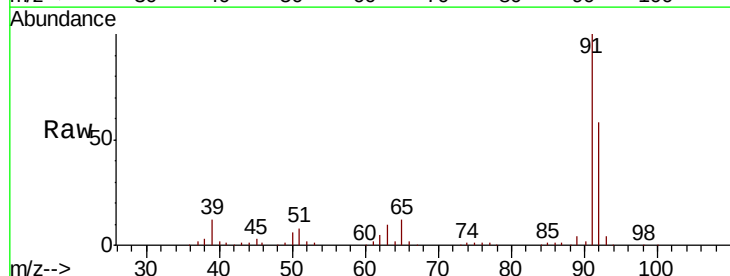
Instrument :
 MSVOA_V
 ClientSampleId :

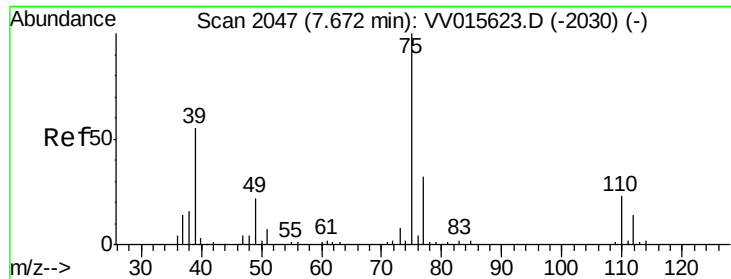
Tot Ion: 63 Resp: 5885
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 5.316 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV015628.D
 Acq: 22 Apr 2020 18:02

Tgt Ion: 91 Resp: 210705
 Ion Ratio Lower Upper
 91 100
 92 57.9 40.7 75.7





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

Instrument :

MSVOA_V

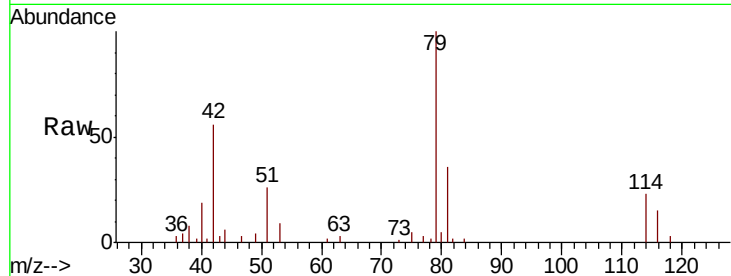
ClientSampleId :

Tot Ion: 75 Resp: 679

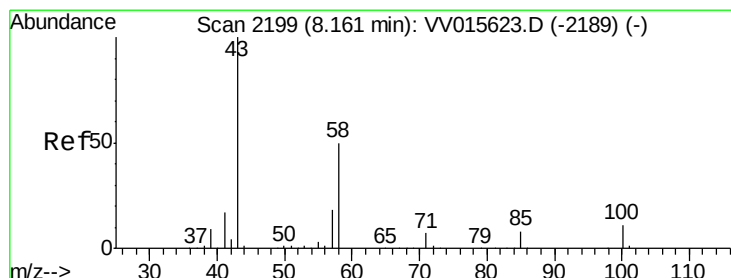
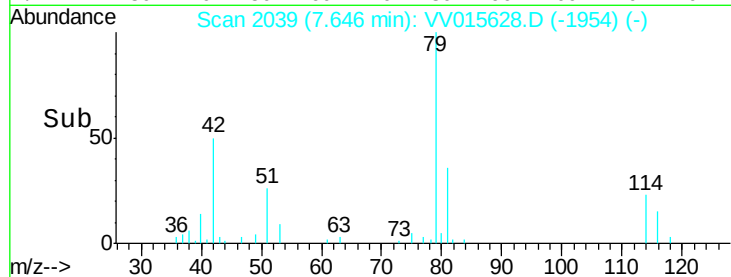
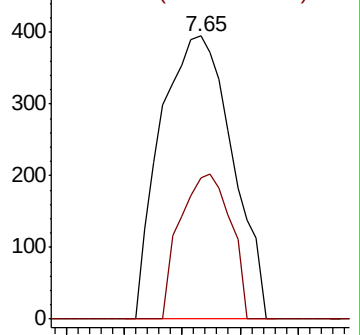
Ion Ratio Lower Upper

75 100

77 49.9 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0



#48

2-Hexanone

Concen: 2.694 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015628.D

Acq: 22 Apr 2020 18:02

Tgt Ion: 43 Resp: 11755

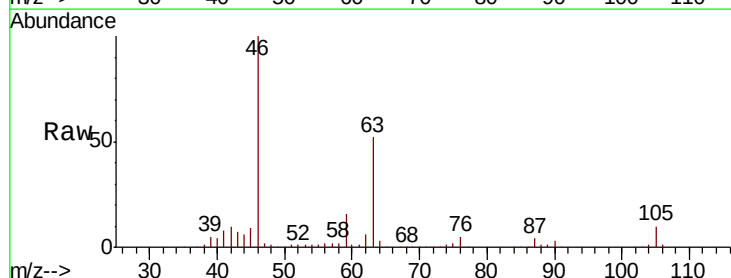
Ion Ratio Lower Upper

43 100

58 36.3 41.1 61.7#

57 26.0 15.0 22.4#

100 0.2 9.0 13.4#

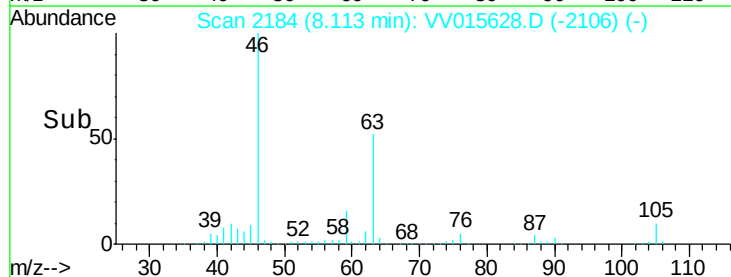
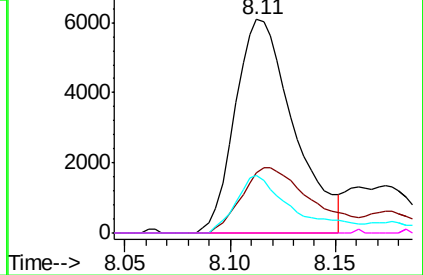


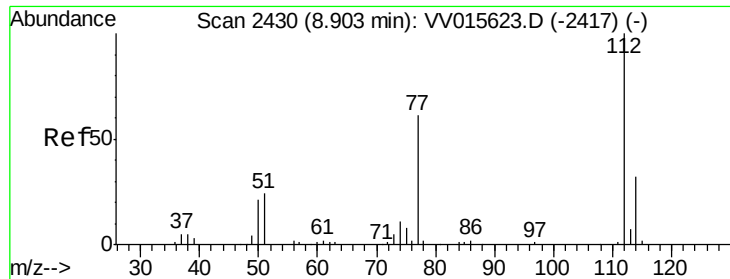
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

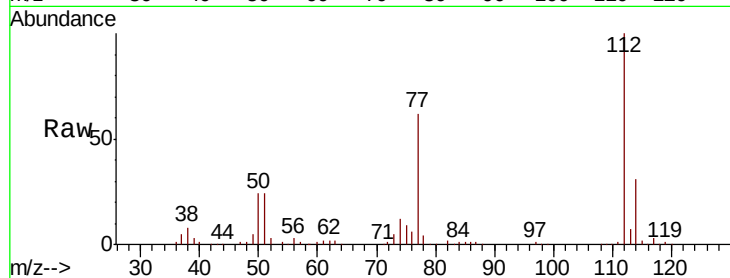




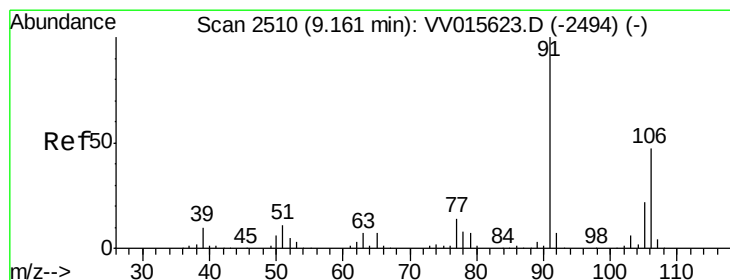
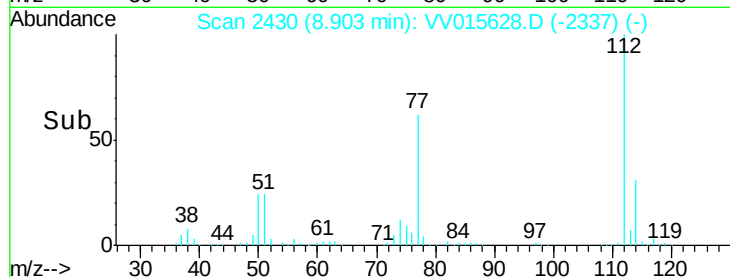
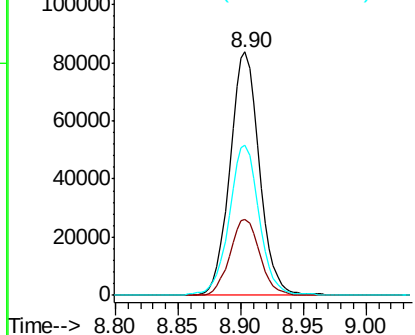
#51
Chlorobenzene
Concen: 5.244 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015628.D
Acq: 22 Apr 2020 18:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:112 Resp: 136163
Ion Ratio Lower Upper
112 100
114 31.3 21.6 40.2
77 61.9 48.9 73.3

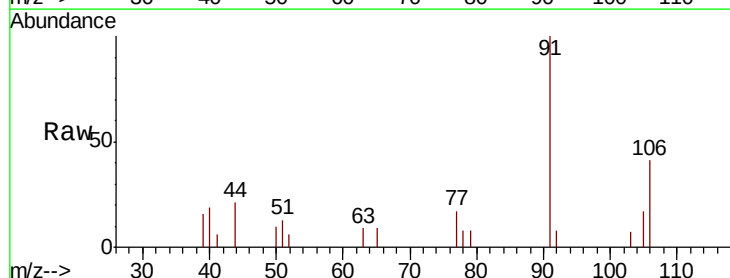


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#53
m,p-xylene
Concen: 0.076 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV015628.D
Acq: 22 Apr 2020 18:02

Tgt Ion:106 Resp: 1280
Ion Ratio Lower Upper
106 100
91 244.0 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V

