

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016125.D
 Acq On : 20 May 2020 12:34
 Operator : SY/MD
 Sample : VV0520WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:38:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145231	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145072	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34880	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	37999	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.12	63	61786	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.95	46	97840	43.53	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	4.37	84	89741	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	50754	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	167401	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	55069	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.34	98	144450	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.64	79	18116	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	8.12	63	89728	49.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40393	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55504	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

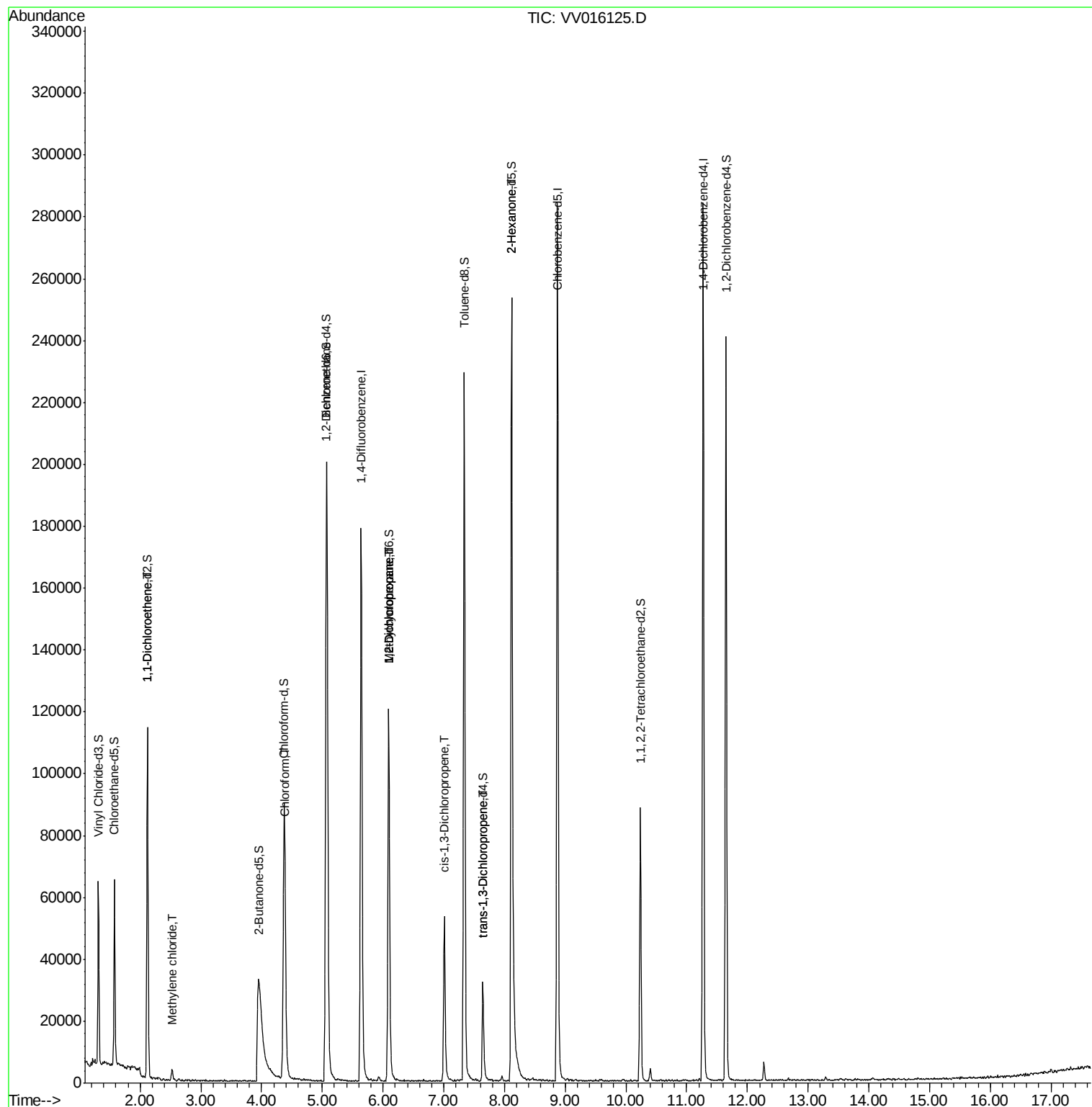
					Ovalue
12) 1,1-Dichloroethene	2.12	96	595	0.074 ug/L #	1
16) Methylene chloride	2.52	84	1522	0.159 ug/L	97
25) Chloroform	4.40	83	5238	0.280 ug/L	94
35) Methylcyclohexane	6.09	83	13564	0.861 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6859	0.740 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	1495	0.114 ug/L #	51
46) trans-1,3-Dichloropropene	7.65	75	1047	0.095 ug/L #	75
50) 2-Hexanone	8.12	43	14472	3.541 ug/L #	47

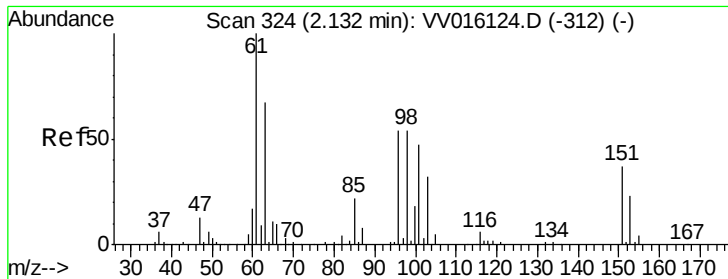
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016125.D

Acq: 20 May 2020 12:34

Instrument :
MSVOA_V
ClientSampled :

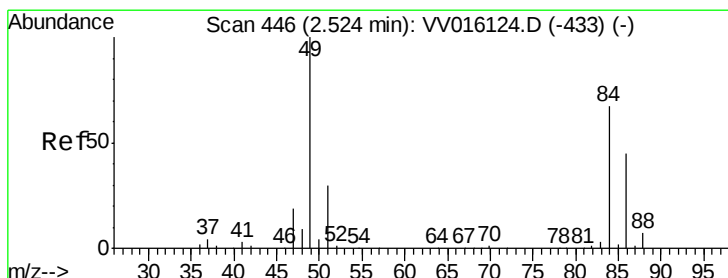
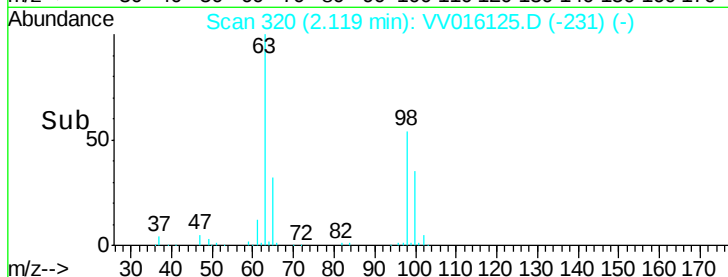
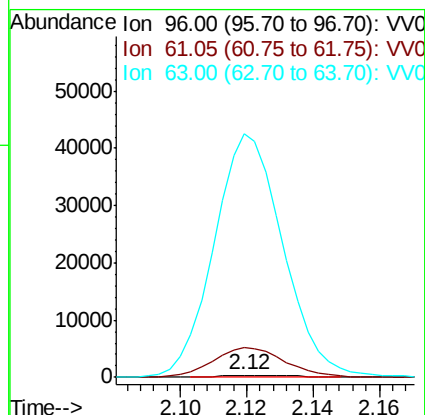
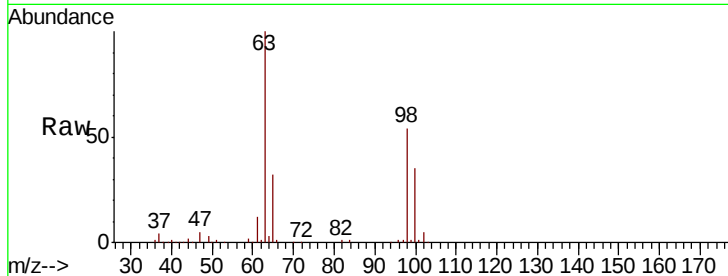
Tot Ion: 96 Resp: 595

Ion Ratio Lower Upper

96 100

61 1323.3 139.9 259.7#

63 10880.8 106.4 197.6#



#16

Methylene chloride

Concen: 0.159 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV016125.D

Acq: 20 May 2020 12:34

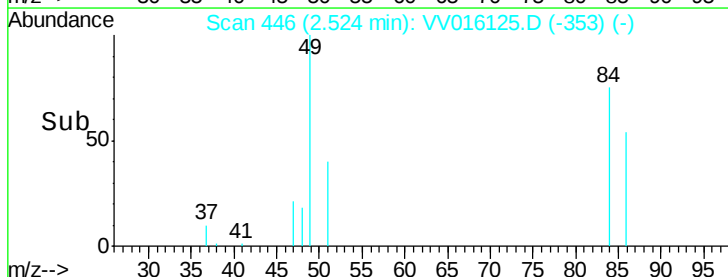
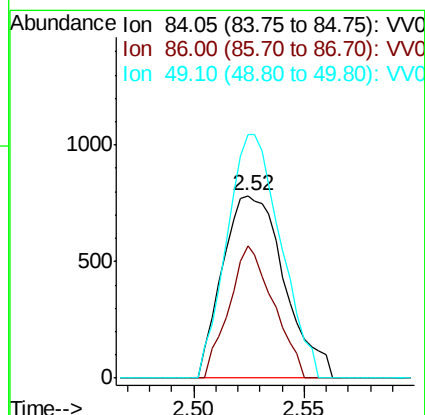
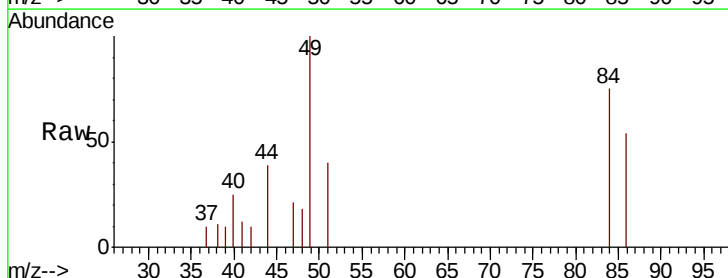
Tgt Ion: 84 Resp: 1522

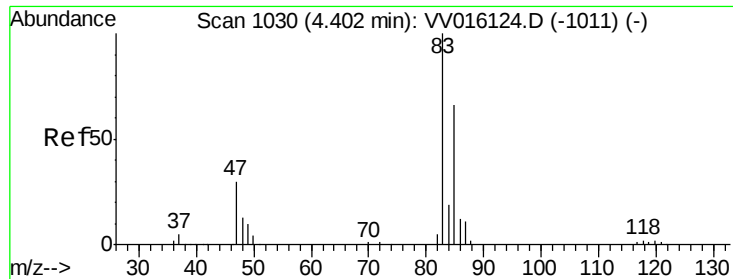
Ion Ratio Lower Upper

84 100

86 72.5 45.6 84.8

49 133.5 93.6 173.8

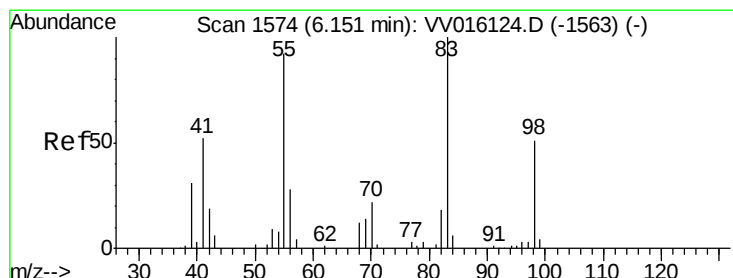
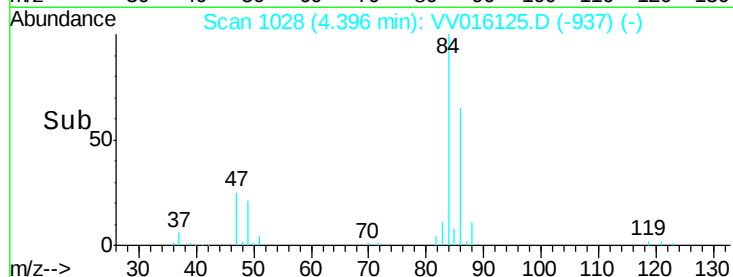
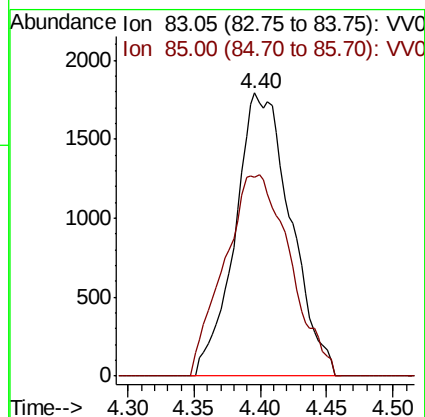
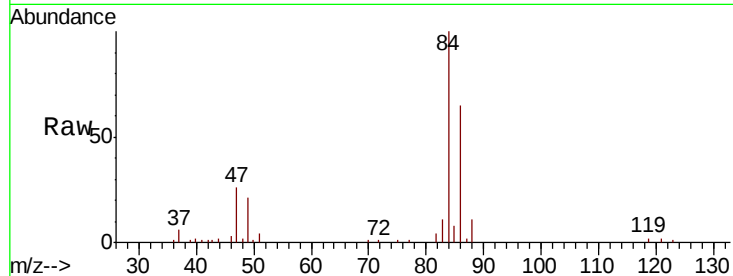




#25
Chloroform
Concen: 0.280 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016125.D
Acq: 20 May 2020 12:34

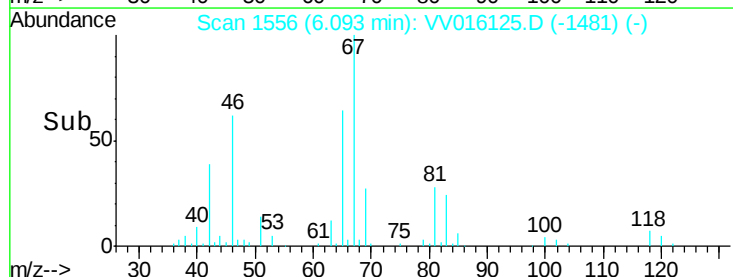
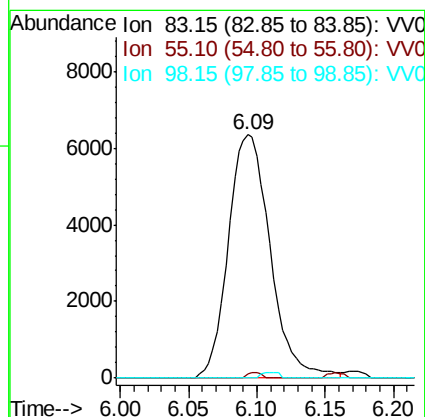
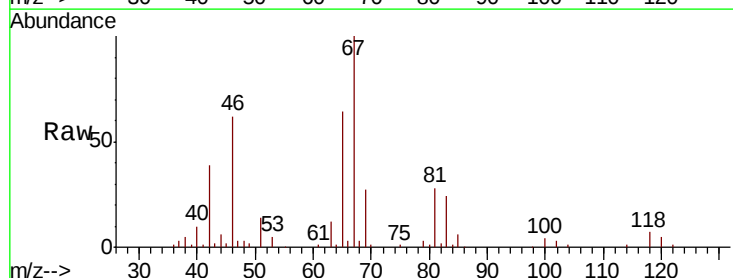
Instrument :
MSVOA_V
ClientSampleId :

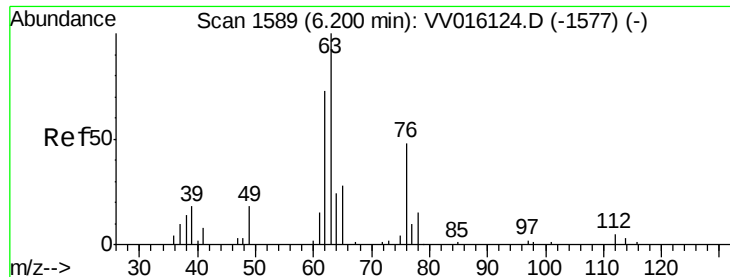
Tot Ion: 83 Resp: 5238
Ion Ratio Lower Upper
83 100
85 70.3 45.7 84.9



#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016125.D
Acq: 20 May 2020 12:34

Tgt Ion: 83 Resp: 13564
Ion Ratio Lower Upper
83 100
55 0.8 66.2 99.2#
98 1.0 37.9 56.9#

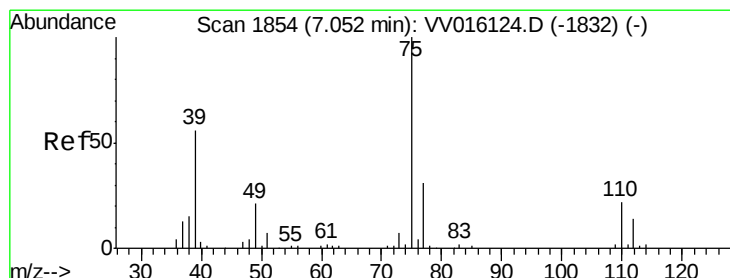
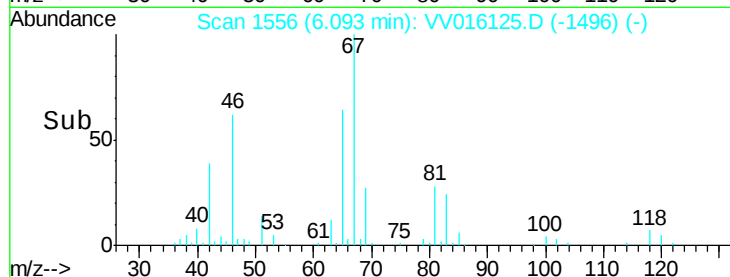
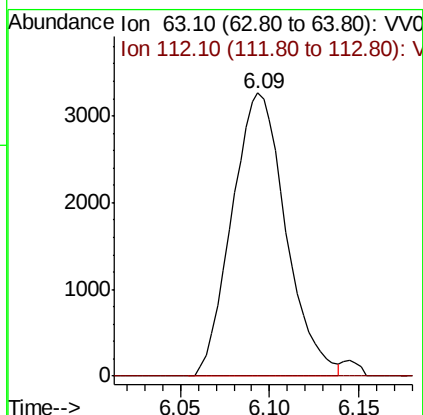
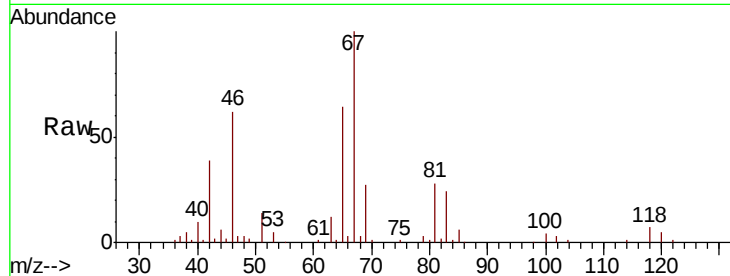




#37
 1,2-Dichloropropane
 Concen: 0.740 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV016125.D
 Acq: 20 May 2020 12:34

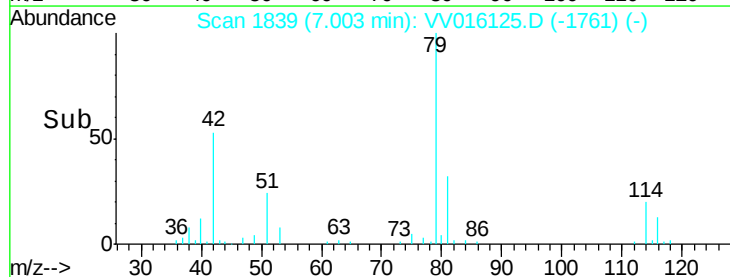
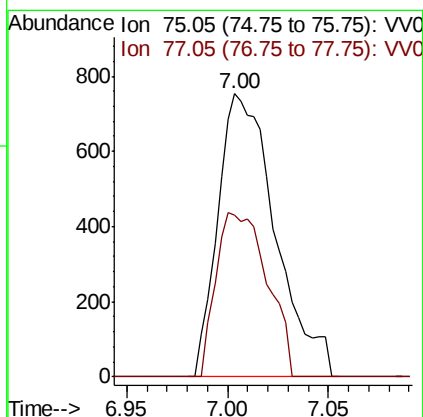
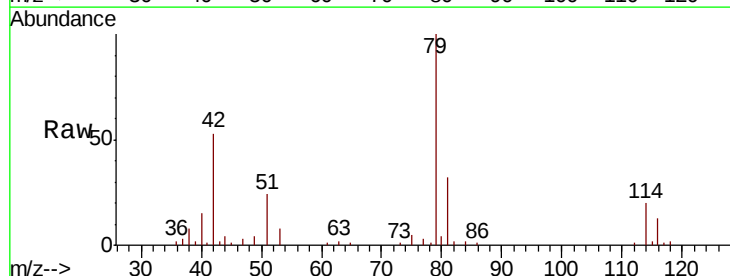
Instrument :
 MSVOA_V
 ClientSampleId :

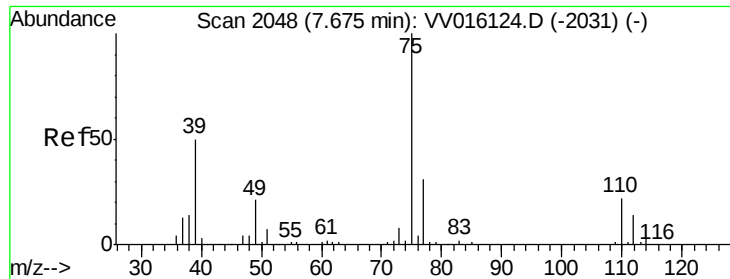
Tot Ion: 63 Resp: 6859
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV016125.D
 Acq: 20 May 2020 12:34

Tgt Ion: 75 Resp: 1495
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016125.D

Acq: 20 May 2020 12:34

Instrument :

MSVOA_V

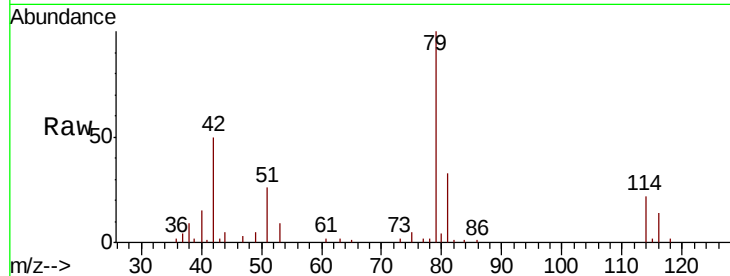
ClientSampleId :

Tot Ion: 75 Resp: 1047

Ion Ratio Lower Upper

75 100

77 43.9 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

500

400

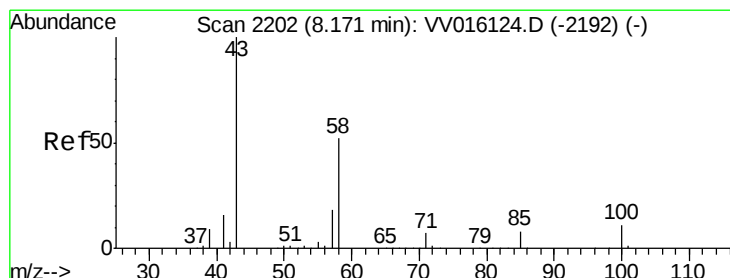
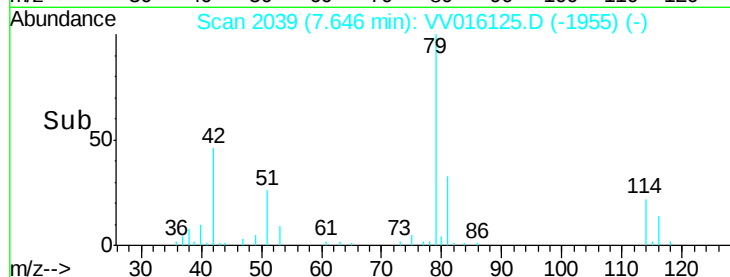
300

200

100

0

Time--> 7.60 7.65 7.70



#50

2-Hexanone

Concen: 3.541 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016125.D

Acq: 20 May 2020 12:34

Tgt Ion: 43 Resp: 14472

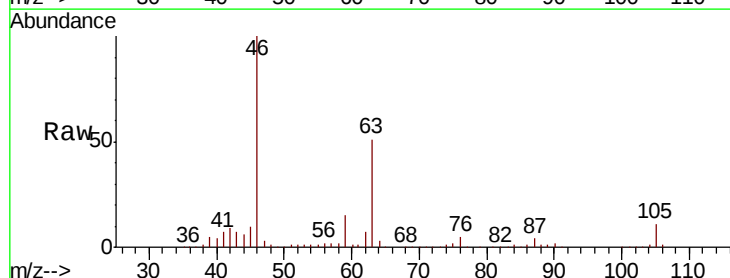
Ion Ratio Lower Upper

43 100

58 0.0 40.8 61.2#

57 24.8 14.7 22.1#

100 0.8 9.0 13.6#



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

10000

8000

6000

4000

2000

0

Time--> 8.05 8.10 8.15 8.20

