

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016229.D
 Acq On : 27 May 2020 15:39
 Operator : SY/MD
 Sample : L2753-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:23:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	85583	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82719	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37484	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25996	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	24313	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	37590	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.94	46	69680	51.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	4.38	84	51523	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	28236	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	100225	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.10	67	31014	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	89056	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
45) trans-1,3-Dichloropropene-	7.65	79	10204	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.12	63	48622	44.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21444	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	31740	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

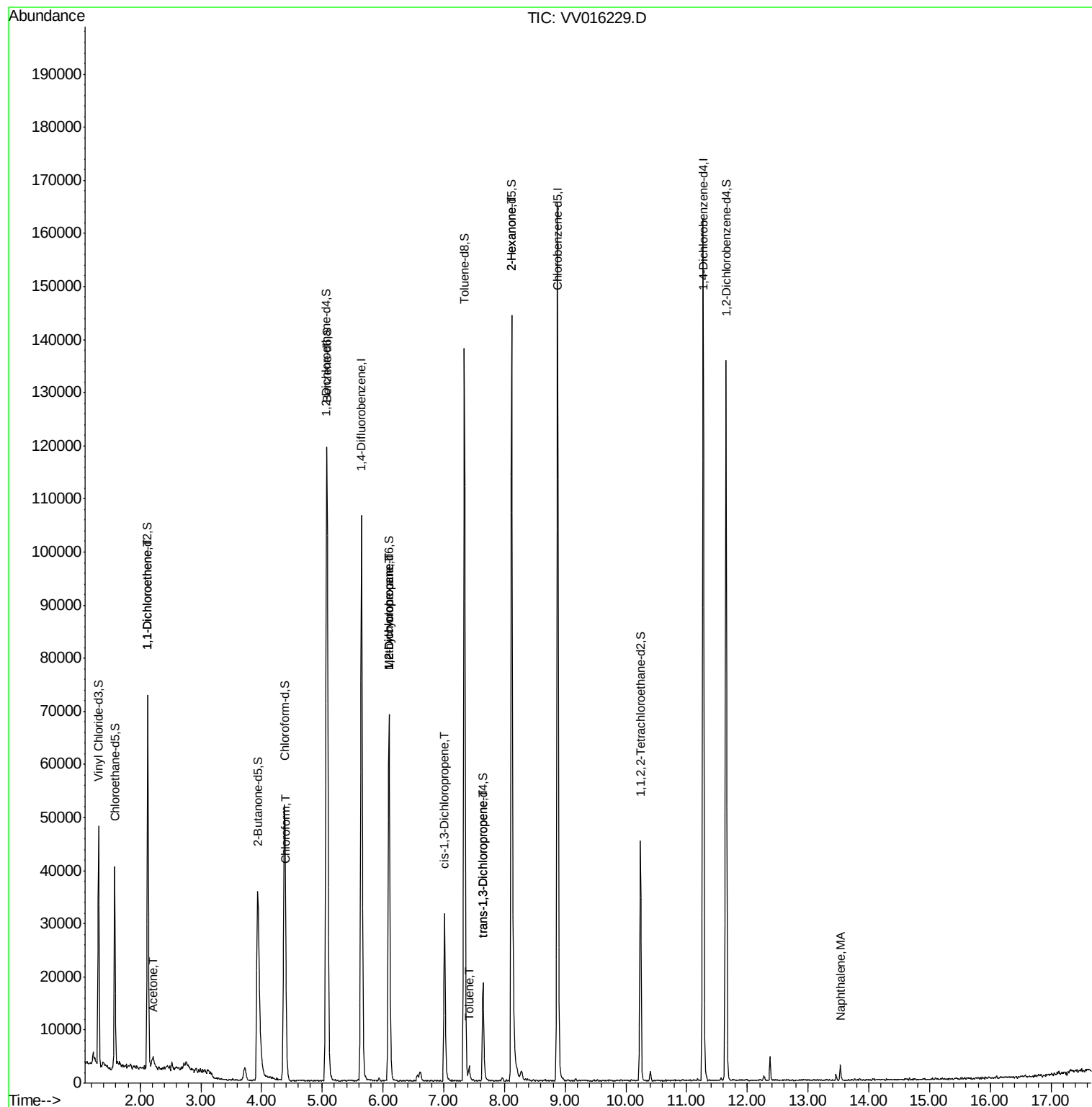
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	388	0.077	ug/L #	1
13) Acetone	2.21	43	4468	5.294	ug/L	98
25) Chloroform	4.41	83	1613	0.145	ug/L	91
35) Methylcyclohexane	6.10	83	8016	0.766	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3844	0.658	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	828	0.100	ug/L #	70
42) Toluene	7.42	91	1708	0.066	ug/L	88
46) trans-1,3-Dichloropropene	7.65	75	478	0.070	ug/L #	74
50) 2-Hexanone	8.12	43	7203	2.844	ug/L #	75
70) Naphthalene	13.53	128	2669	0.172	ug/L #	90

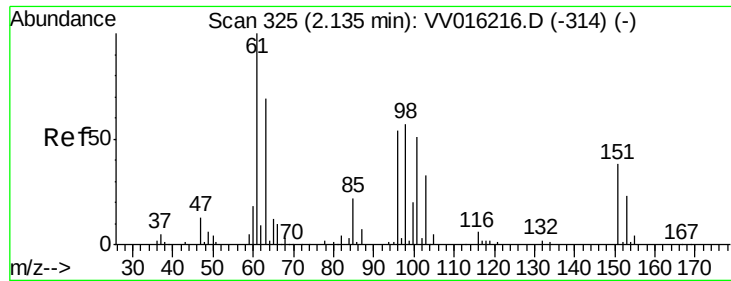
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052720\
Data File : VV016229.D
Acq On : 27 May 2020 15:39
Operator : SY/MD
Sample : L2753-19
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 28 01:23:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration

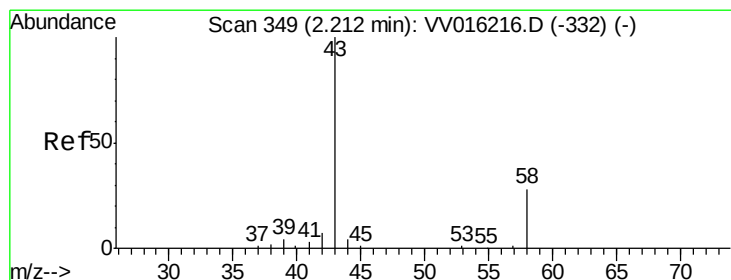
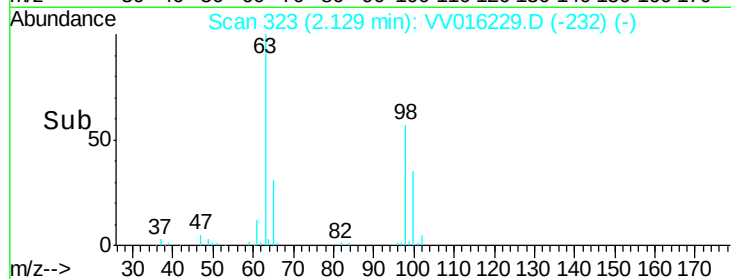
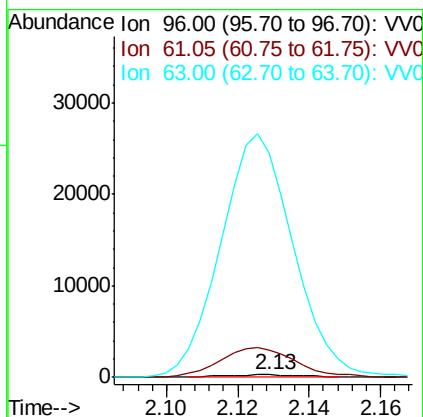
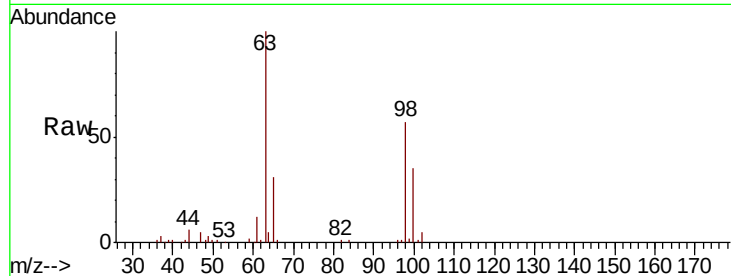




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV016229.D
 Acq: 27 May 2020 15:39

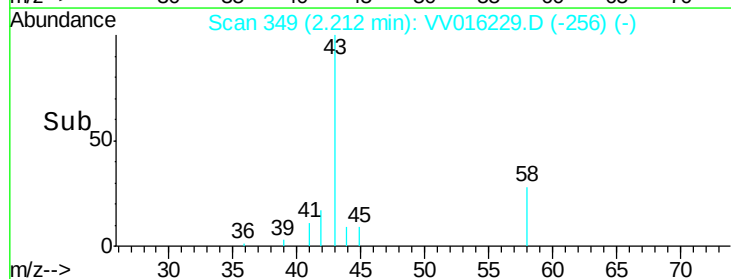
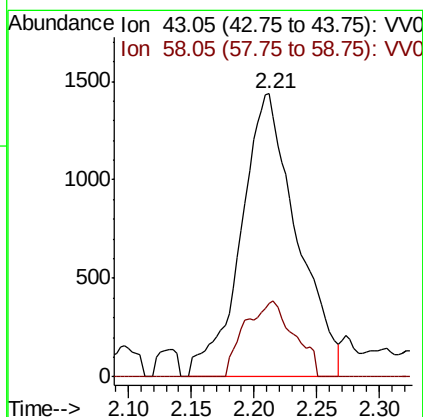
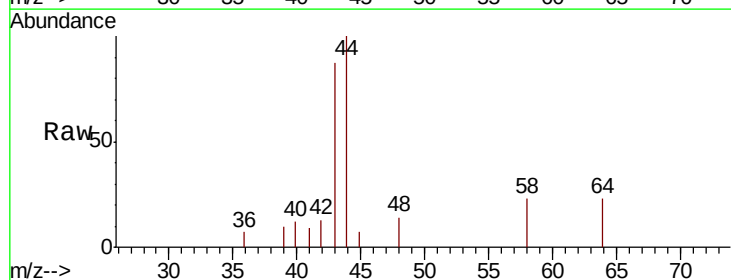
Instrument :
 MSVOA_V
 ClientSampleId :

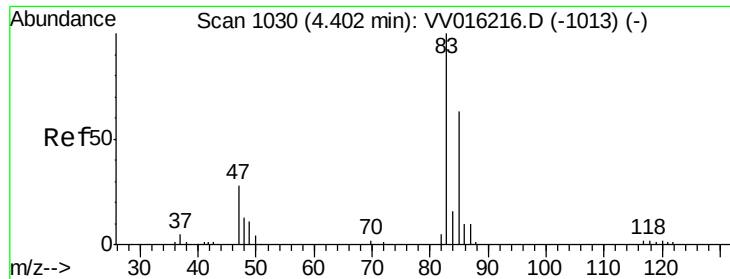
Tot Ion: 96 Resp: 388
 Ion Ratio Lower Upper
 96 100
 61 1064.8 124.9 231.9#
 63 8706.0 80.4 149.2#



#13
 Acetone
 Concen: 5.294 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV016229.D
 Acq: 27 May 2020 15:39

Tgt Ion: 43 Resp: 4468
 Ion Ratio Lower Upper
 43 100
 58 23.4 0.0 48.8

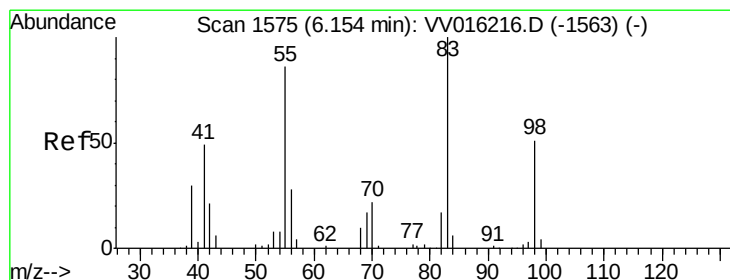
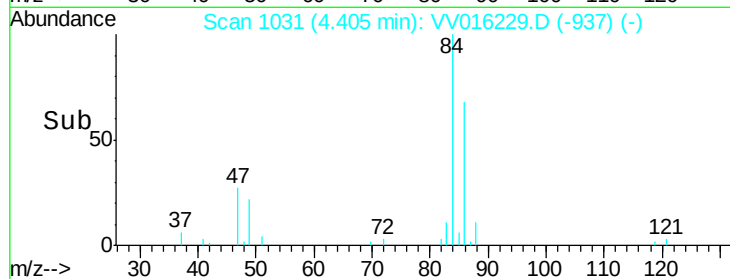
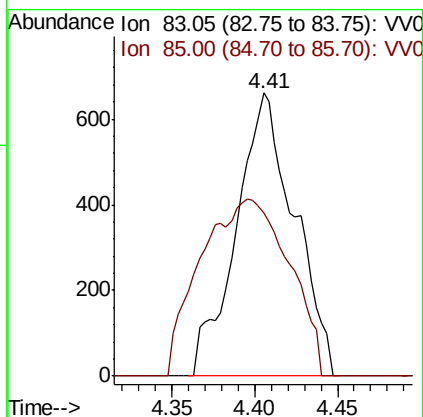
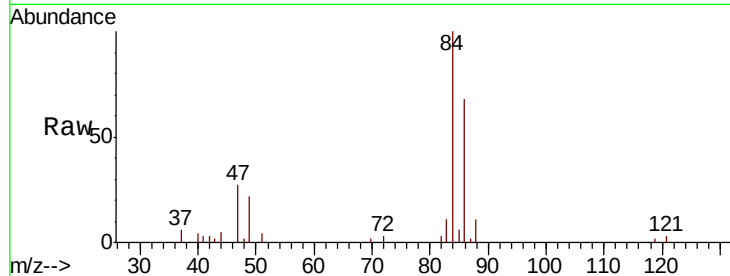




#25
Chloroform
Concen: 0.145 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016229.D
Acq: 27 May 2020 15:39

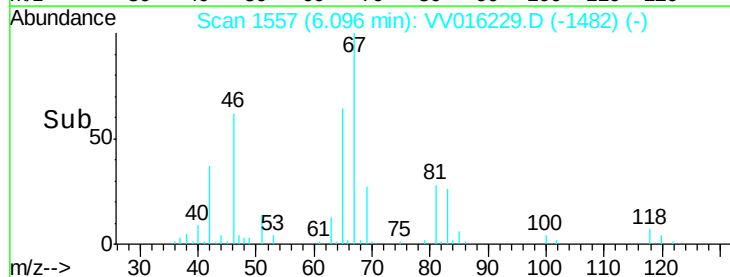
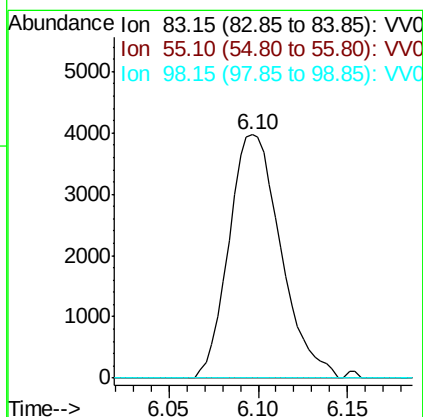
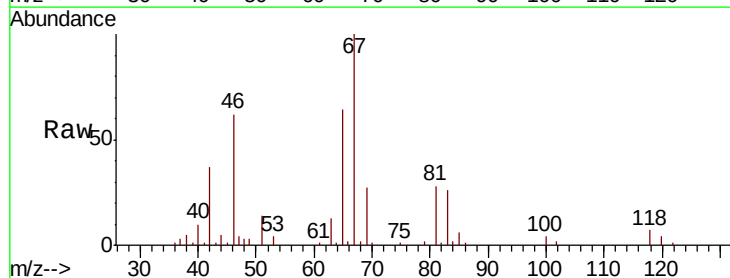
Instrument :
MSVOA_V
ClientSampleId :

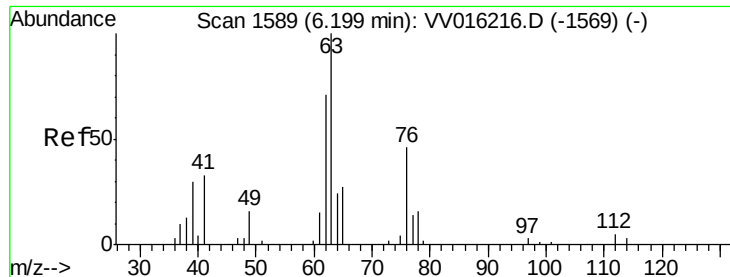
Tot Ion: 83 Resp: 1613
Ion Ratio Lower Upper
83 100
85 57.6 45.1 83.7



#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016229.D
Acq: 27 May 2020 15:39

Tgt Ion: 83 Resp: 8016
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#

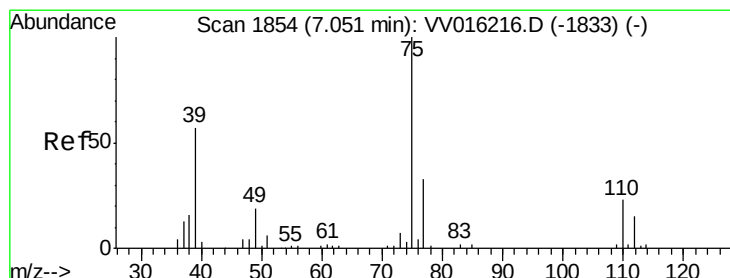
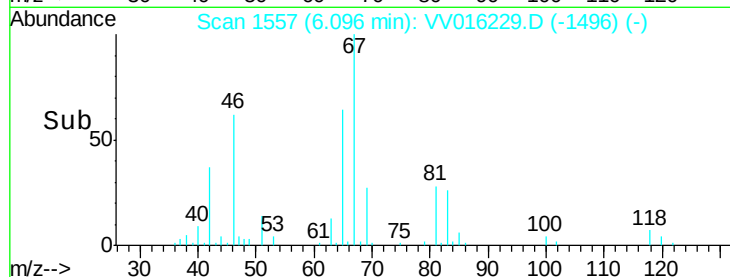
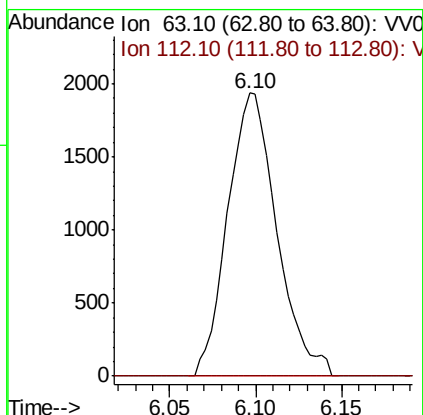
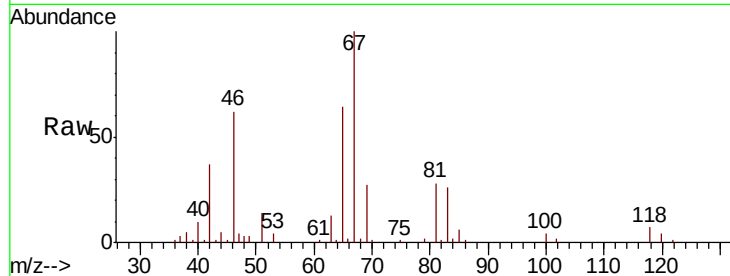




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016229.D
 Acq: 27 May 2020 15:39

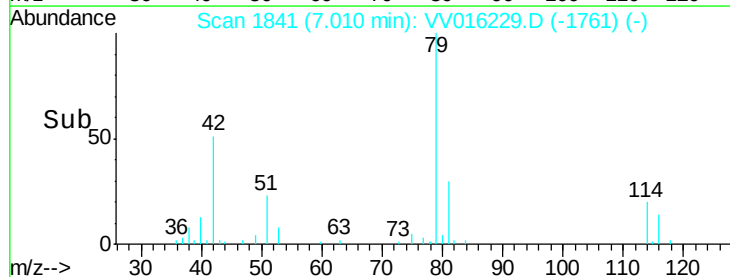
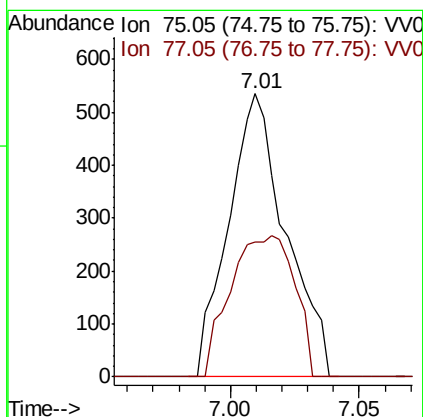
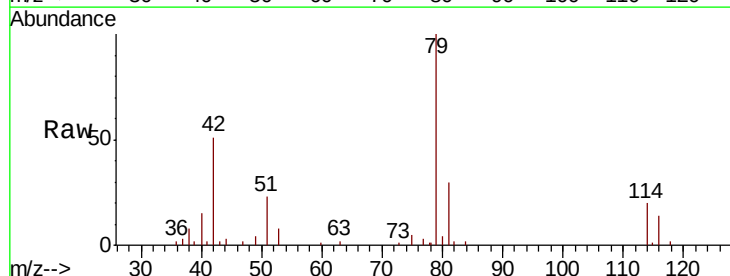
Instrument :
 MSVOA_V
 ClientSampleId :

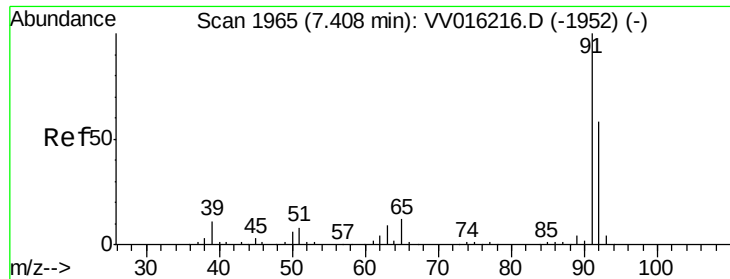
Tot Ion: 63 Resp: 3844
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016229.D
 Acq: 27 May 2020 15:39

Tgt Ion: 75 Resp: 828
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.7 40.3#





#42

Toluene

Concen: 0.066 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016229.D

Acq: 27 May 2020 15:39

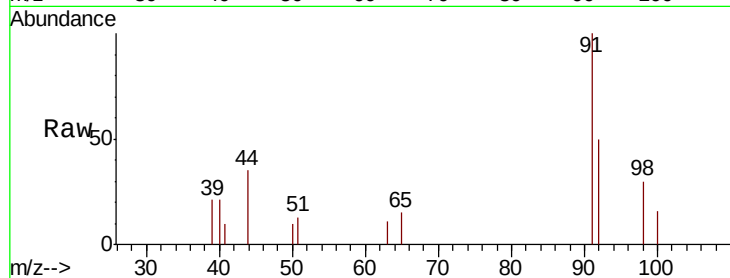
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 1708

Ion Ratio Lower Upper

91 100

92 49.8 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.42

1000

800

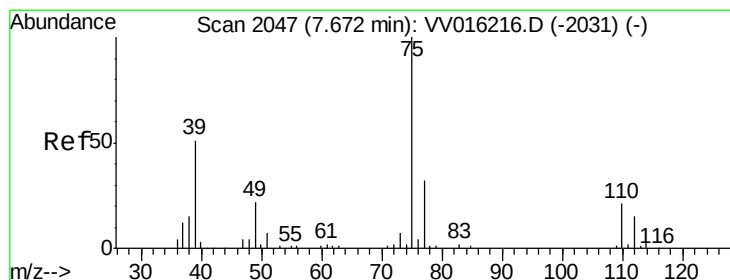
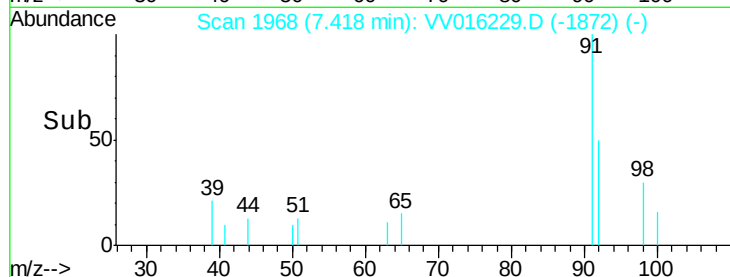
600

400

200

0

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016229.D

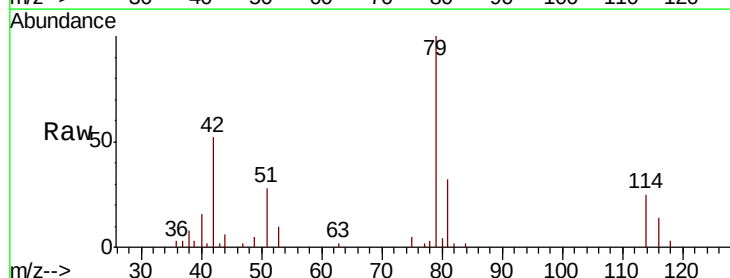
Acq: 27 May 2020 15:39

Tgt Ion: 75 Resp: 478

Ion Ratio Lower Upper

75 100

77 45.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

300

250

200

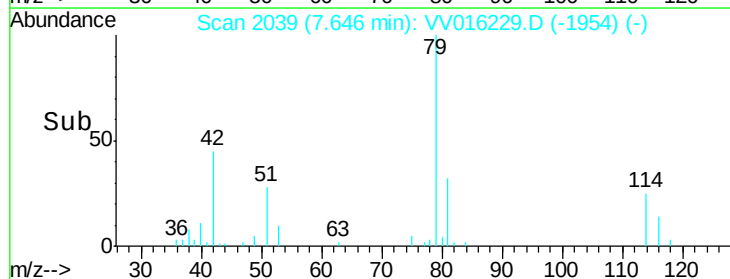
150

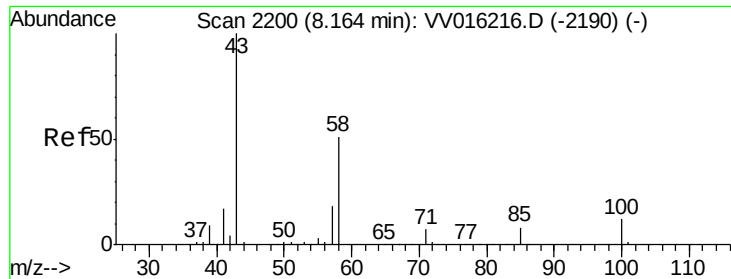
100

50

0

Time-->

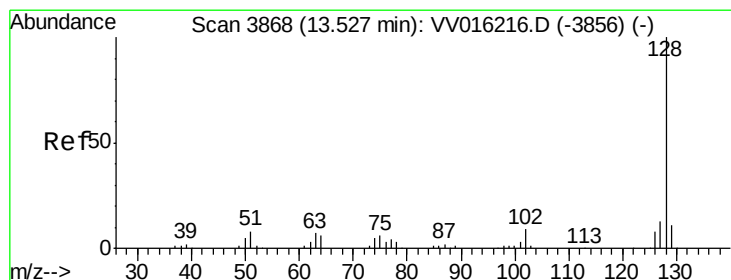
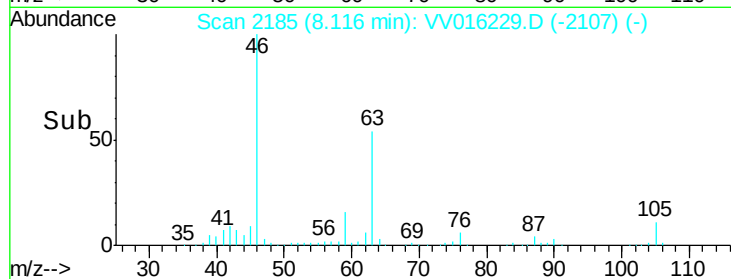
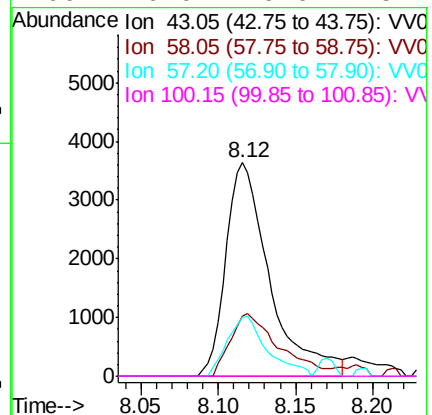
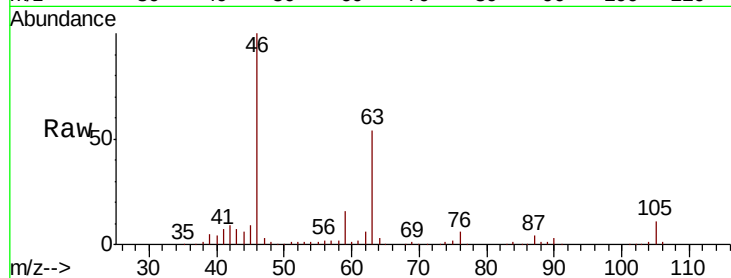




#50
2-Hexanone
Concen: 2.844 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016229.D
Acq: 27 May 2020 15:39

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7203
Ion Ratio Lower Upper
43 100
58 32.5 41.4 62.0#
57 25.4 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.172 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016229.D
Acq: 27 May 2020 15:39

Tgt Ion: 128 Resp: 2669
Ion Ratio Lower Upper
128 100
129 6.1 8.6 13.0#
127 9.7 10.6 15.8#

