

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015642.D
 Acq On : 22 Apr 2020 23:31
 Operator : SY/MD
 Sample : L2370-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:12:41 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	126075	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31901	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	30879	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	48456	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.91	46	100898	47.69	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.38	84	71591	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	41880	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	138505	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	43799	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	125825	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.65	79	11135	3.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.40%
46) 2-Hexanone-d5	8.11	63	76270	43.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31558	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47434	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

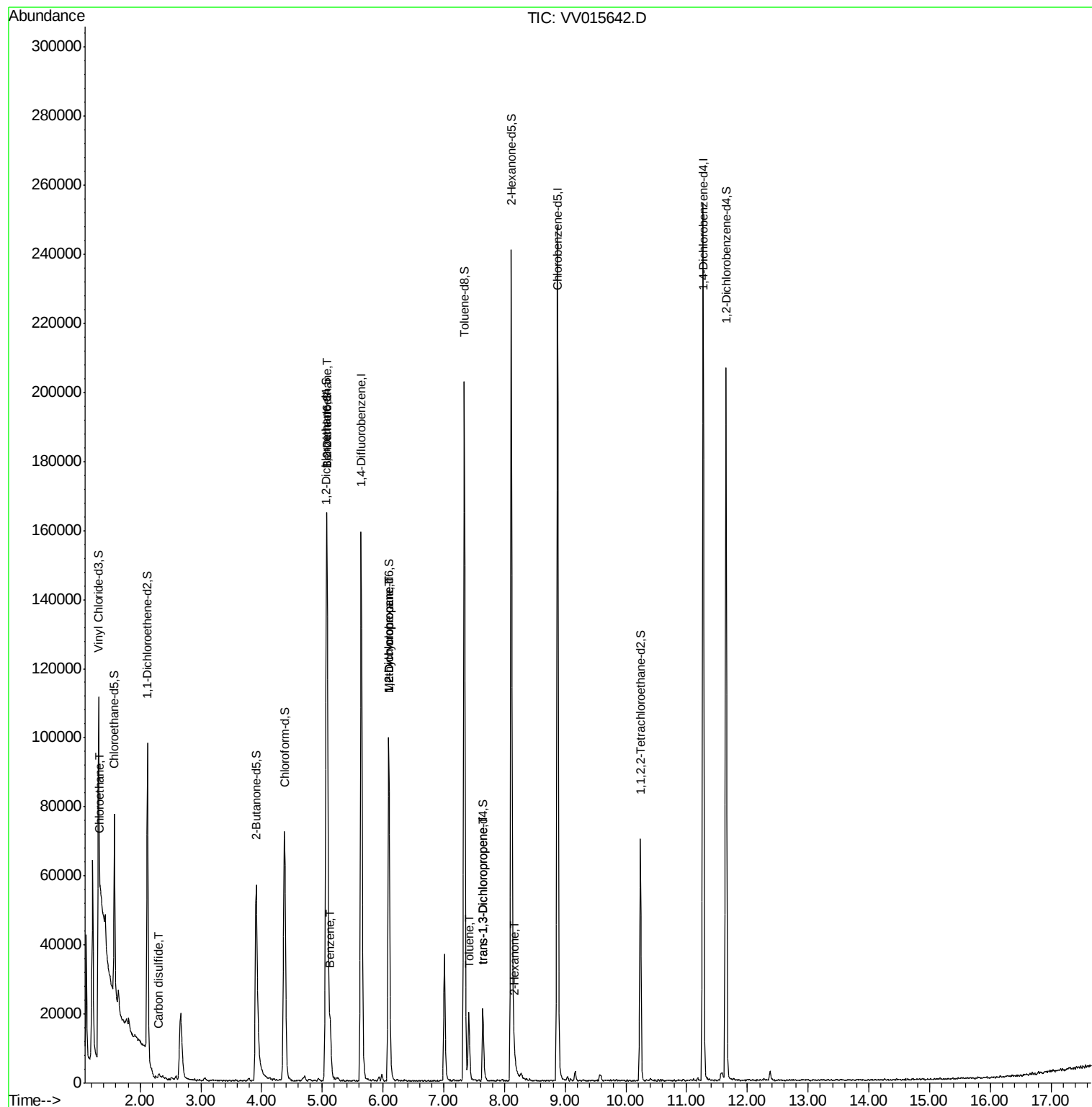
					Ovalue
8) Chloroethane	1.34	64	117954	18.000	ug/L # 51
14) Carbon disulfide	2.31	76	847	0.041	ug/L # 75
27) 1,2-Dichloroethane	5.07	62	995	0.088	ug/L # 78
33) Benzene	5.13	78	15491	0.441	ug/L 100
35) Methylcyclohexane	6.09	83	10875	0.730	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5424	0.607	ug/L # 86
42) Toluene	7.41	91	13562	0.361	ug/L 99
44) trans-1,3-Dichloropropene	7.65	75	652	0.062	ug/L # 78
48) 2-Hexanone	8.17	43	2073	0.501	ug/L # 53

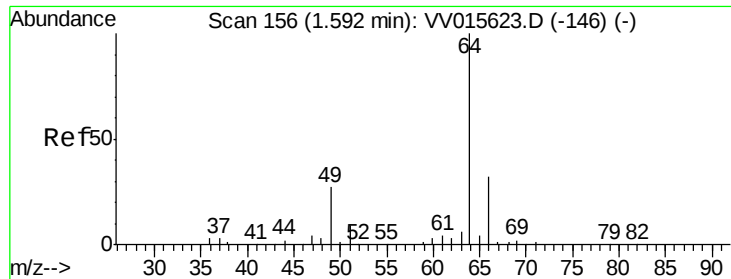
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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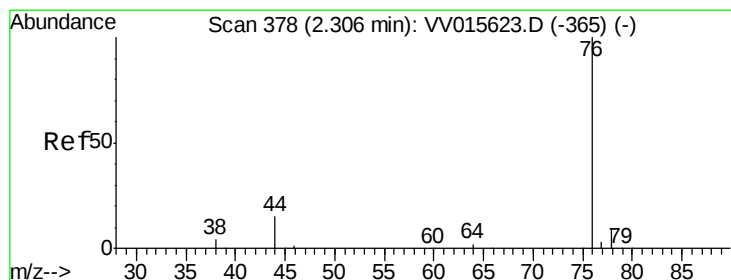
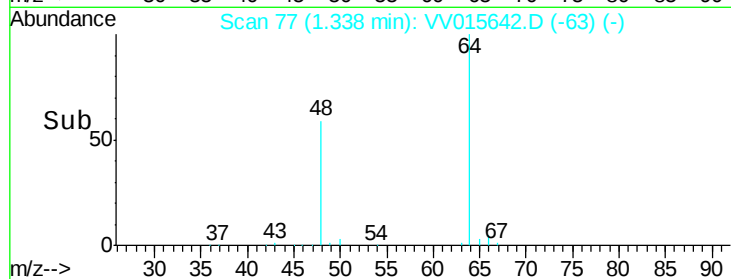
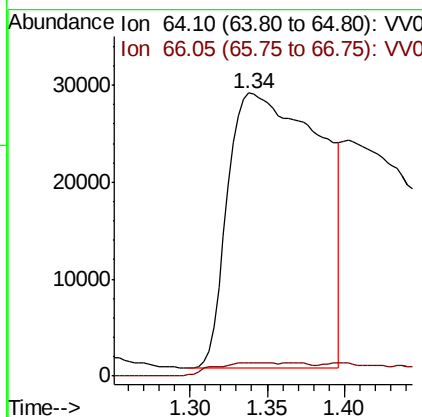
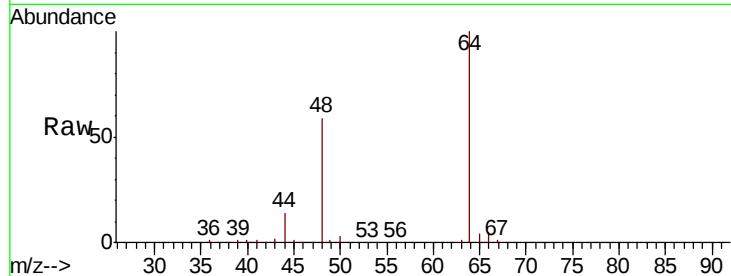




#8
 Chloroethane
 Concen: 18.000 ug/L
 RT: 1.34 min Scan# 77
 Delta R.T. -0.25 min
 Lab File: VV015642.D
 Acq: 22 Apr 2020 23:31

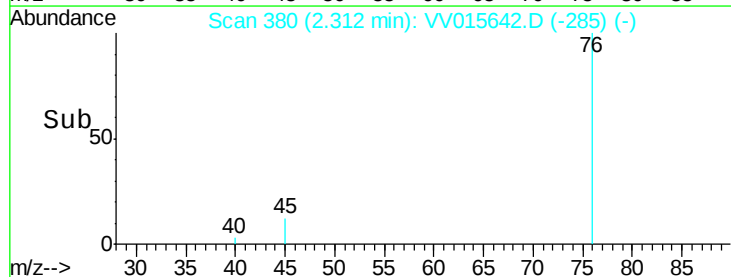
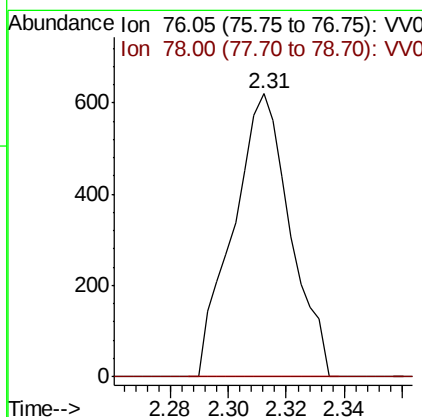
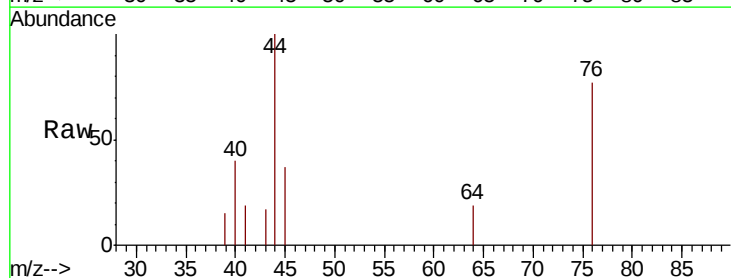
Instrument :
 MSVOA_V
 ClientSampled :

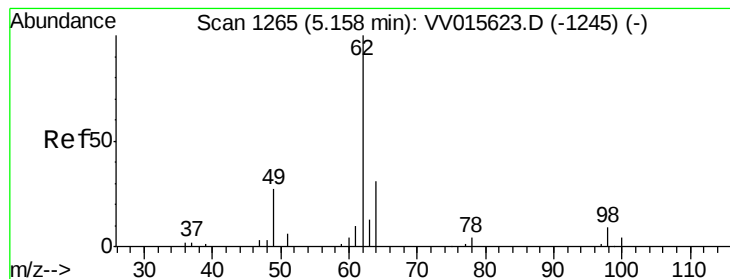
Tot Ion: 64 Resp: 117954
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.3 41.5#



#14
 Carbon disulfide
 Concen: 0.041 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VV015642.D
 Acq: 22 Apr 2020 23:31

Tgt Ion: 76 Resp: 847
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.4 11.0#





#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.09 min

Lab File: VV015642.D

Acq: 22 Apr 2020 23:31

Instrument :

MSVOA_V

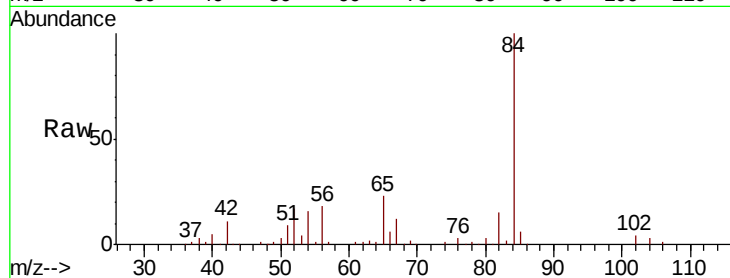
ClientSampleId :

Tot Ion: 62 Resp: 995

Ion Ratio Lower Upper

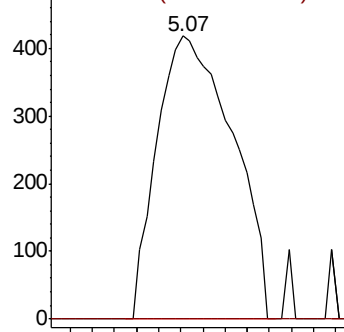
62 100

98 0.0 6.3 9.5#

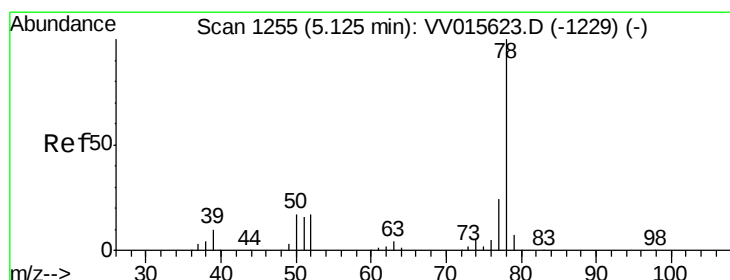
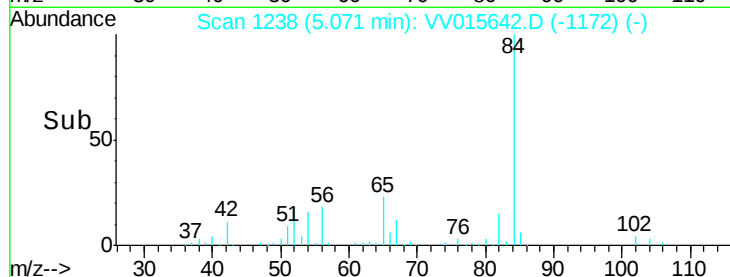


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



Time-->



#33

Benzene

Concen: 0.441 ug/L

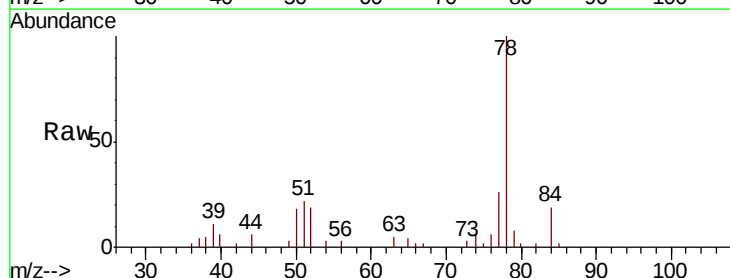
RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

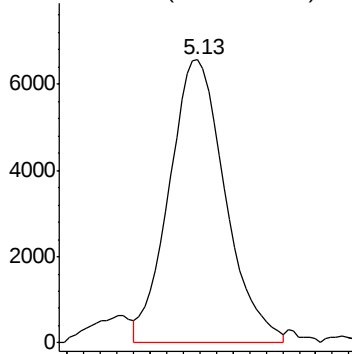
Lab File: VV015642.D

Acq: 22 Apr 2020 23:31

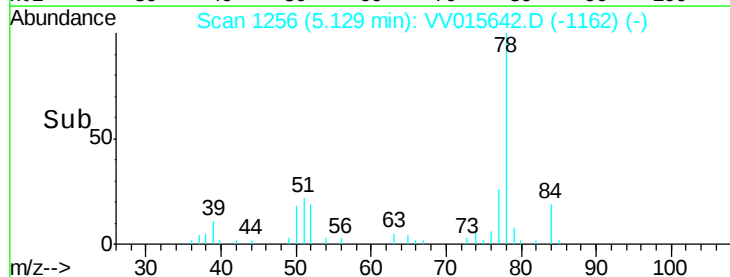
Tgt Ion: 78 Resp: 15491

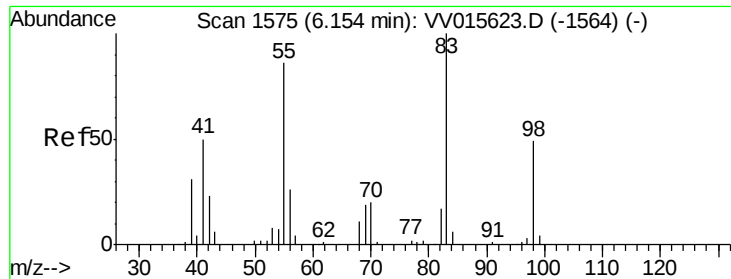


Abundance Ion 78.10 (77.80 to 78.80): VV0



Time-->

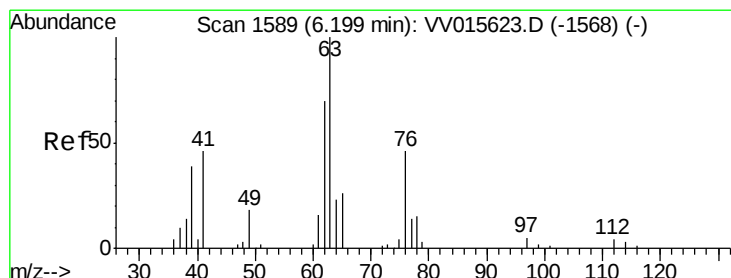
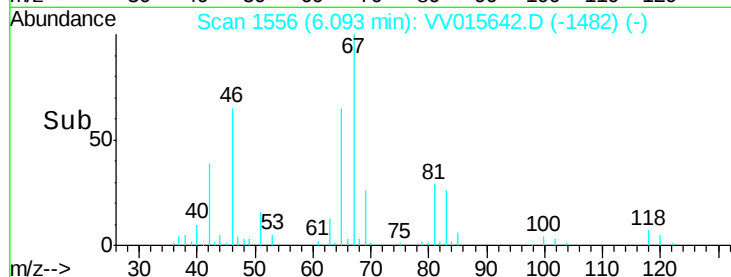
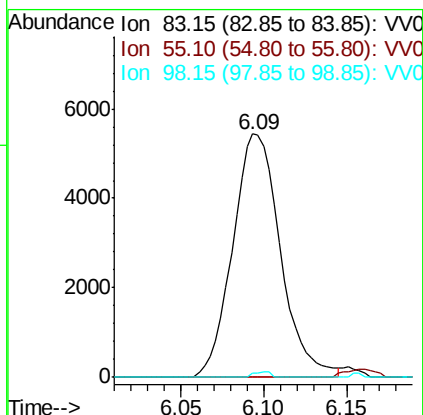
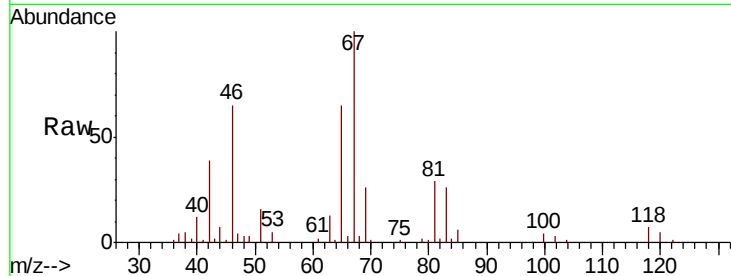




#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015642.D
Acq: 22 Apr 2020 23:31

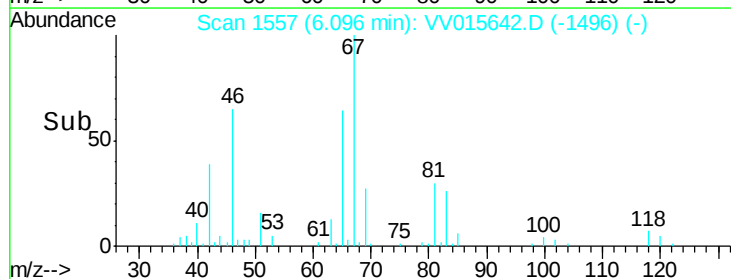
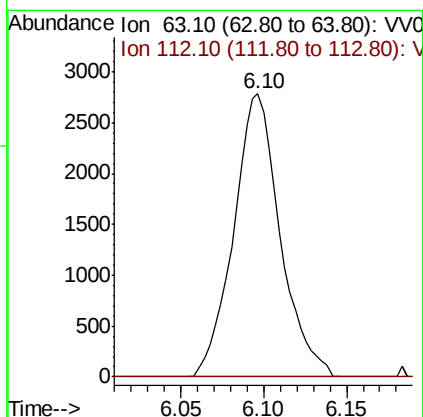
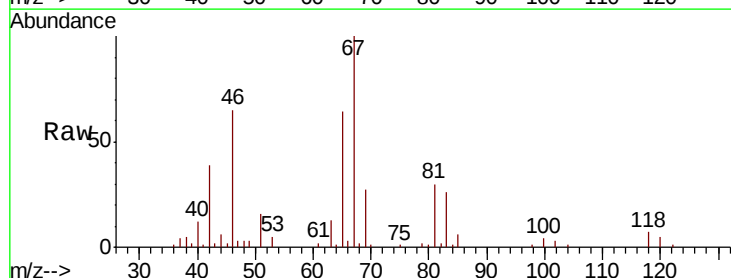
Instrument :
MSVOA_V
ClientSampleId :

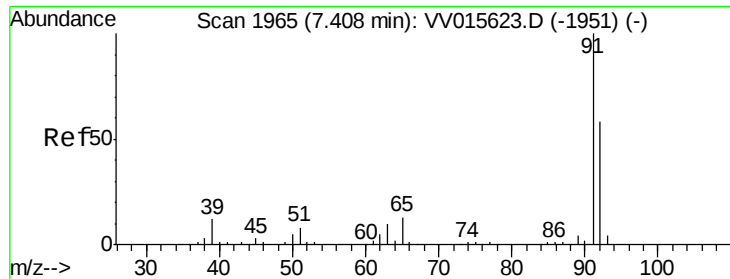
Tot Ion: 83 Resp: 10875
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.8 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015642.D
Acq: 22 Apr 2020 23:31

Tgt Ion: 63 Resp: 5424
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

Toluene

Concen: 0.361 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015642.D

Acq: 22 Apr 2020 23:31

Instrument :

MSVOA_V

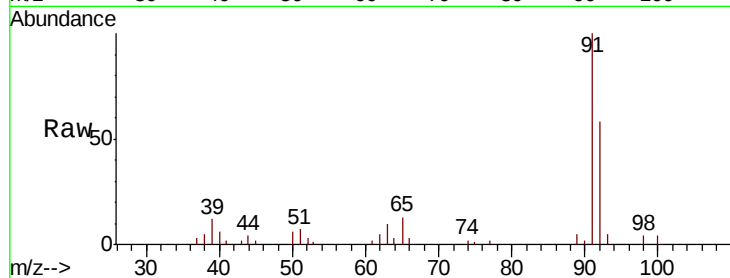
ClientSampleId :

Tot Ion: 91 Resp: 13562

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

8000

6000

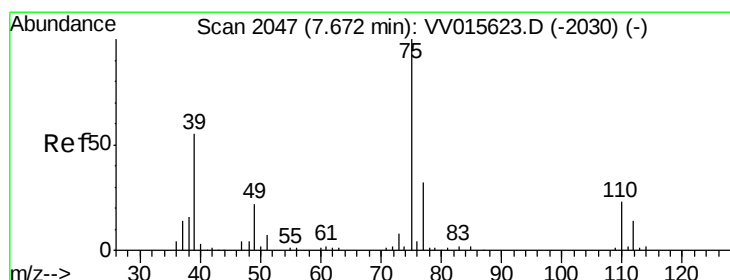
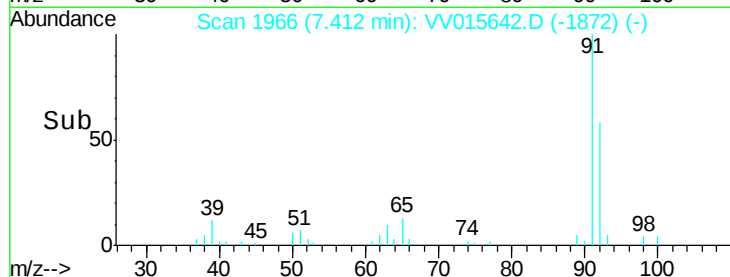
4000

2000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015642.D

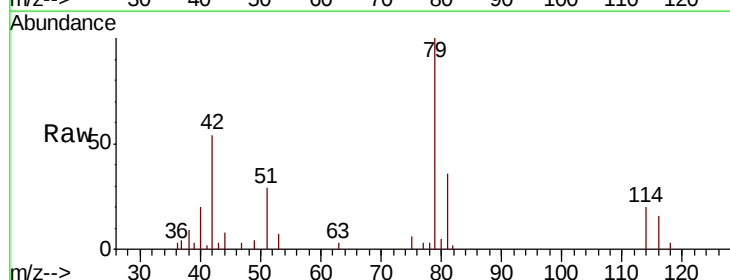
Acq: 22 Apr 2020 23:31

Tgt Ion: 75 Resp: 652

Ion Ratio Lower Upper

75 100

77 43.3 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

400

300

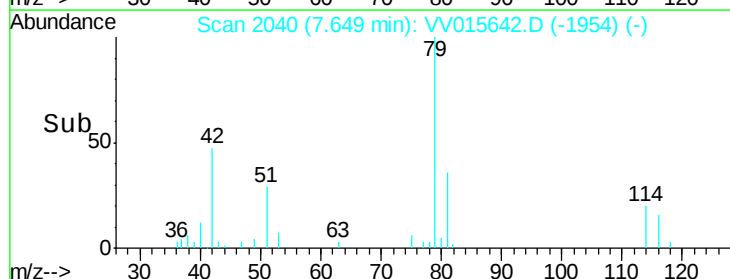
200

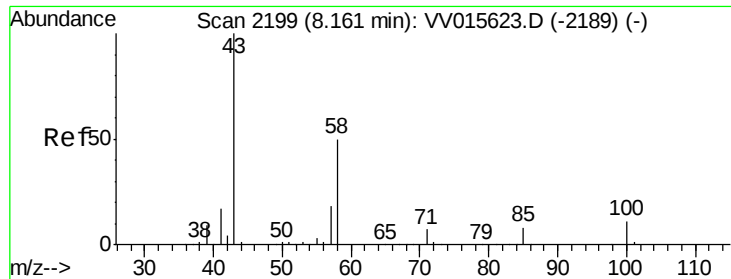
100

0

Time-->

7.60 7.62 7.64 7.66 7.68





#48
 2-Hexanone
 Concen: 0.501 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015642.D
 Acq: 22 Apr 2020 23:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 2073
 Ion Ratio Lower Upper
 43 100
 58 6.1 41.1 61.7#
 57 25.7 15.0 22.4#
 100 5.3 9.0 13.4#

