

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015589.D
 Acq On : 20 Apr 2020 18:25
 Operator : SY/MD
 Sample : L2333-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 21 00:12:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97907	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21541	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	21870	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	33708	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.95	46	77126	54.07	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.14%
24) Chloroform-d	4.38	84	53088	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	30323	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.07	84	98726	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	31955	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	87620	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.65	79	10388	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.11	63	62845	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22633	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	33465	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

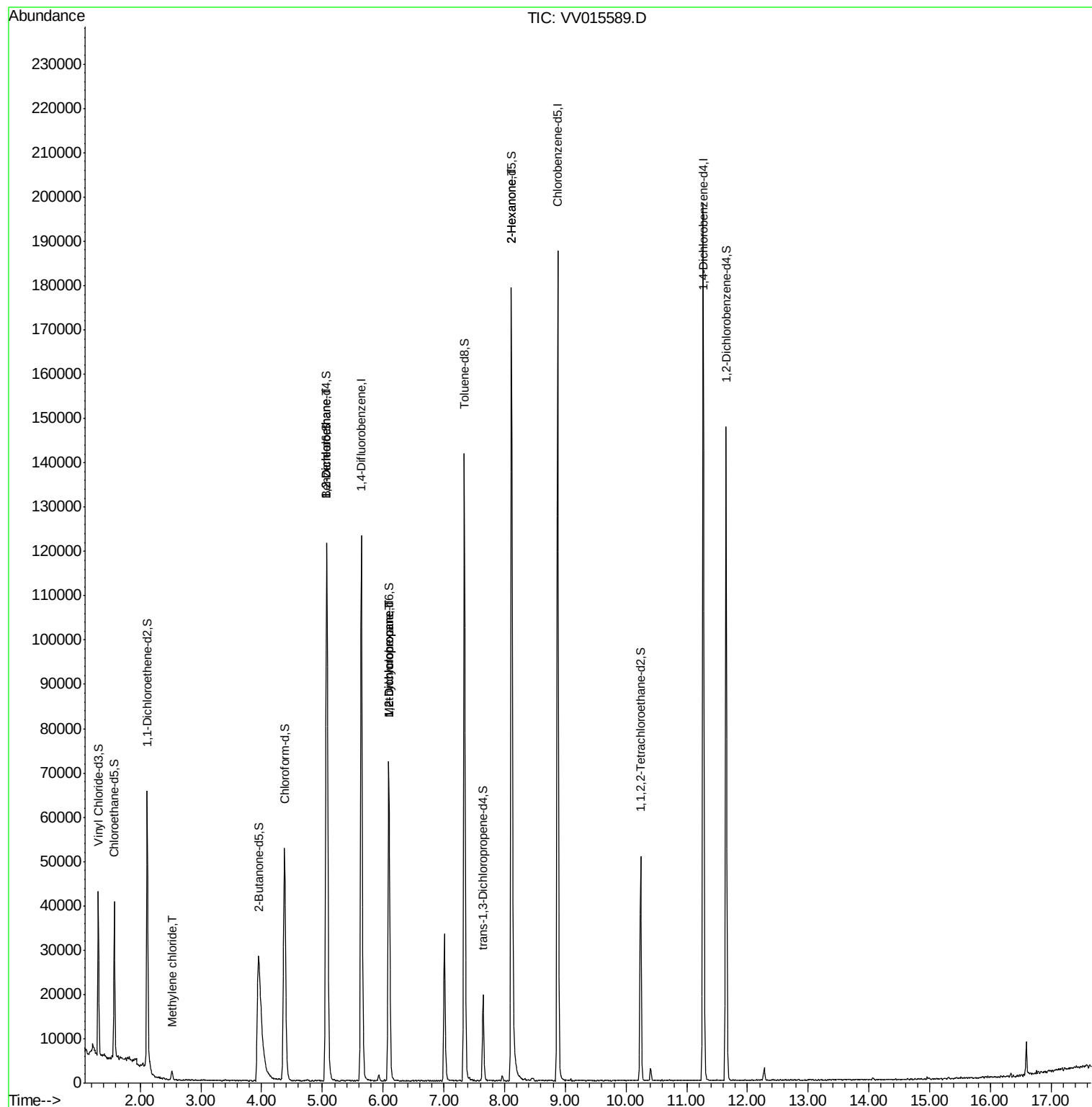
					Ovalue
16) Methylene chloride	2.52	84	817	0.113 ug/L	92
27) 1,2-Dichloroethane	5.08	62	621	0.072 ug/L #	77
35) Methylcyclohexane	6.10	83	7912	0.630 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	3924	0.571 ug/L #	86
48) 2-Hexanone	8.11	43	8775	2.783 ug/L #	69

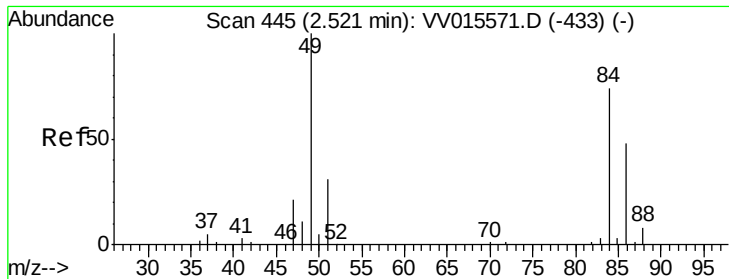
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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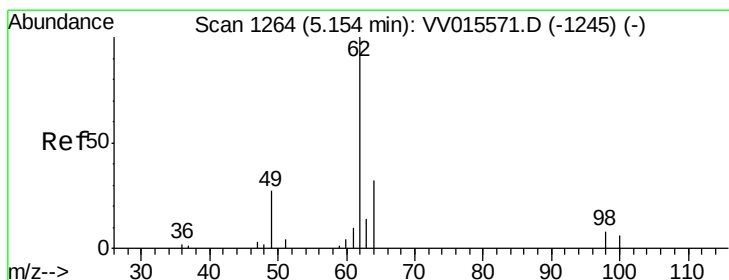
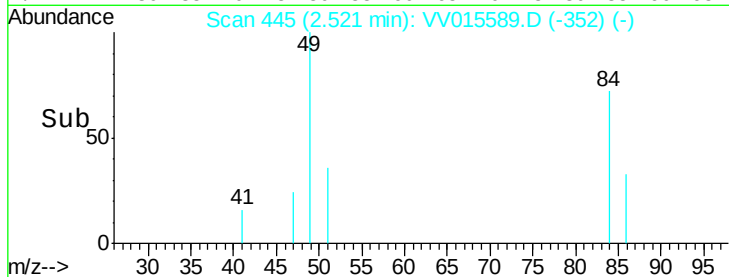
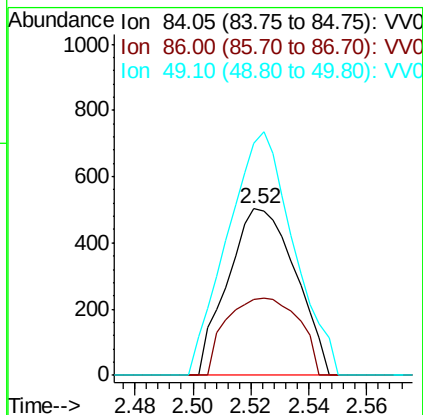
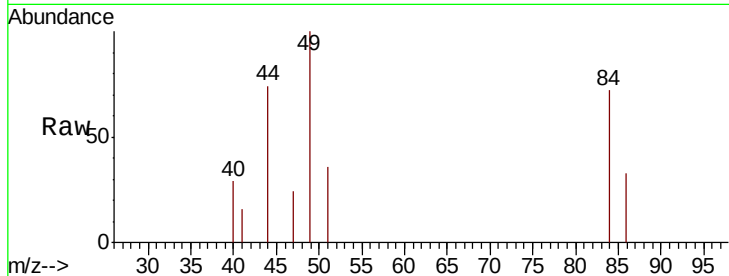




#16
Methvlene chloride
Concen: 0.113 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015589.D
Acq: 20 Apr 2020 18:25

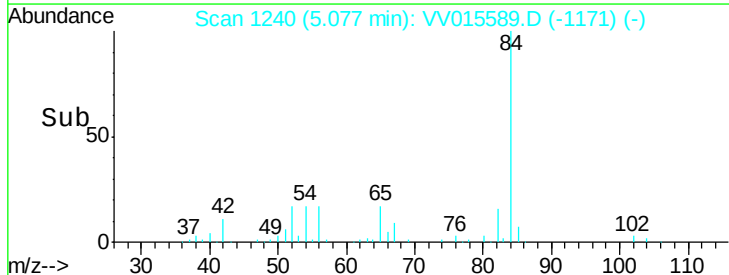
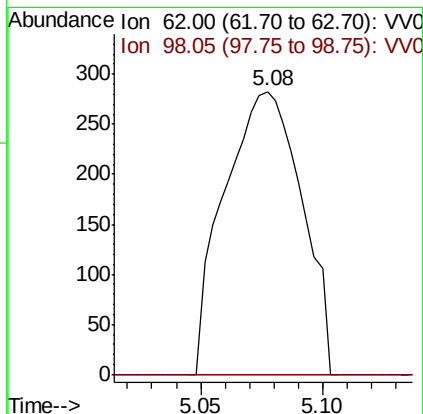
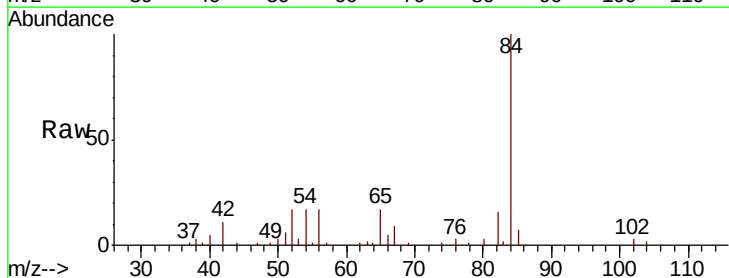
Instrument :
MSVOA_V
ClientSampleId :

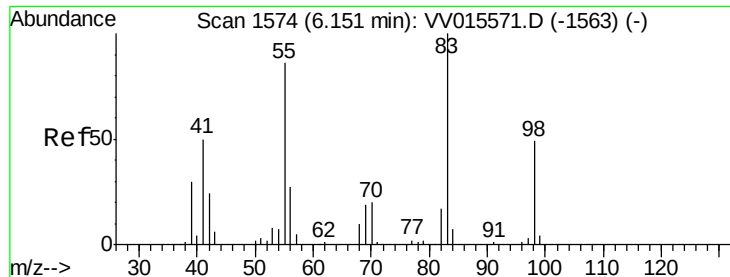
Tot Ion: 84 Resp: 817
Ion Ratio Lower Upper
84 100
86 45.9 45.1 83.7
49 139.0 97.9 181.7



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015589.D
Acq: 20 Apr 2020 18:25

Tgt Ion: 62 Resp: 621
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

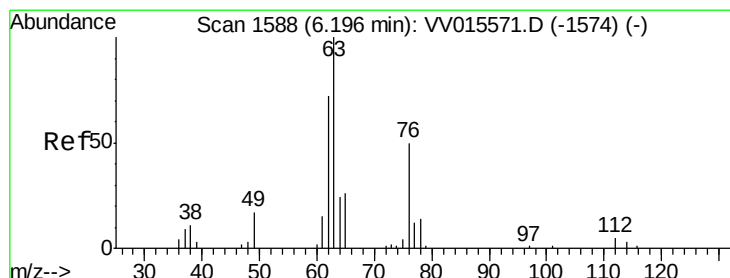
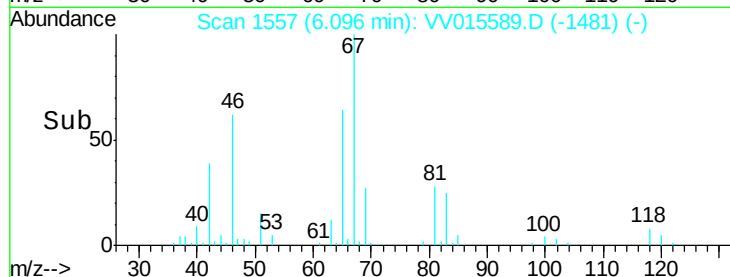
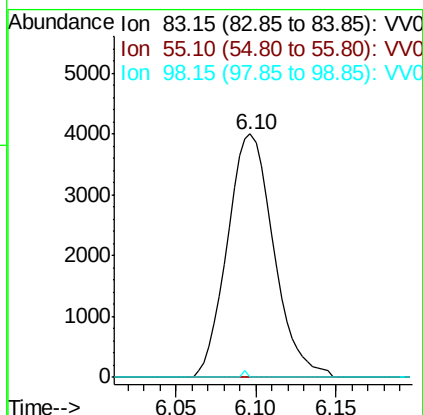
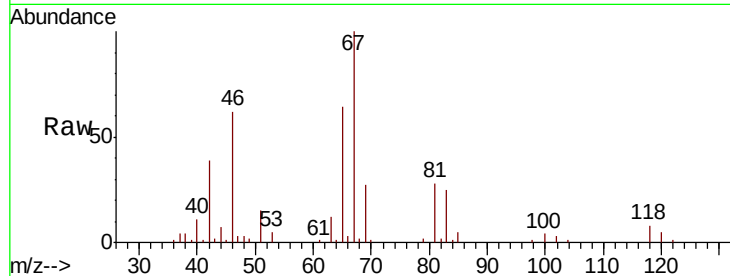




#35
Methylvlcyclohexane
Concen: 0.630 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015589.D
Acq: 20 Apr 2020 18:25

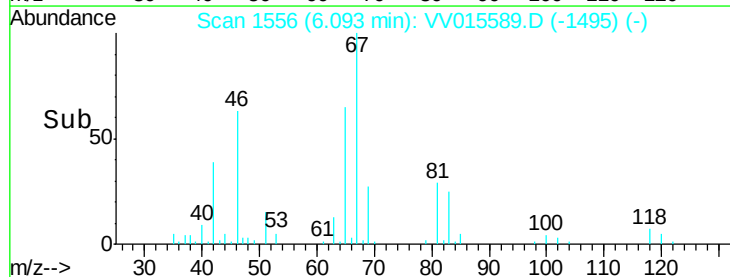
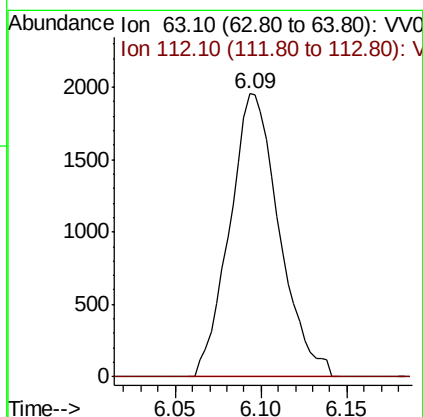
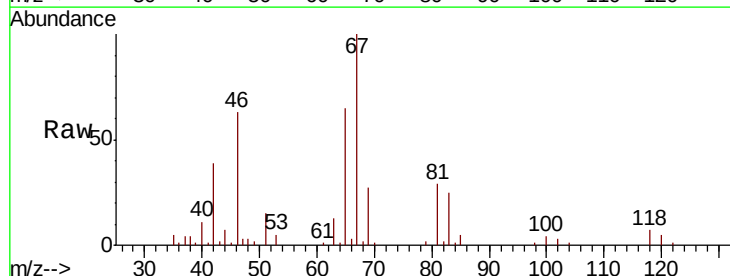
Instrument :
MSVOA_V
ClientSampled :

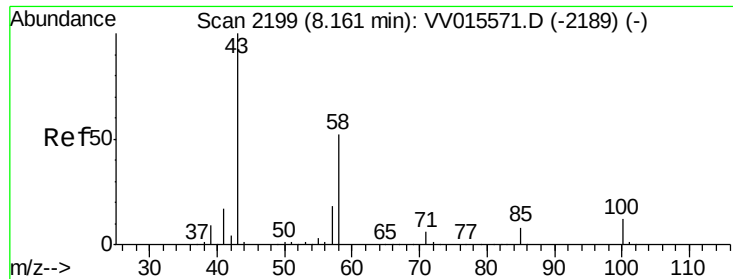
Tot Ion: 83 Resp: 7912
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015589.D
Acq: 20 Apr 2020 18:25

Tgt Ion: 63 Resp: 3924
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#48
 2-Hexanone
 Concen: 2.783 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV015589.D
 Acq: 20 Apr 2020 18:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 8775
 Ion Ratio Lower Upper
 43 100
 58 26.1 41.4 62.0#
 57 26.1 15.0 22.4#
 100 0.0 9.4 14.2#

