

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017812.D
 Acq On : 06 Aug 2020 14:27
 Operator : SY/MD
 Sample : L3590-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L49

Quant Time: Aug 07 05:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	214548	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39422	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.36%
7) Chloroethane-d5	1.58	69	39595	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.12	63	81294	32.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.66%
21) 2-Butanone-d5	3.91	46	74923	95.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.24%
24) Chloroform-d	4.38	84	130176	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.06	65	100216	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.07	84	218990	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
36) 1,2-Dichloropropane-d6	6.09	67	58272	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.62%
41) Toluene-d8	7.34	98	220373	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.64	79	40680	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	55420	94.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	92305	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	113235	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

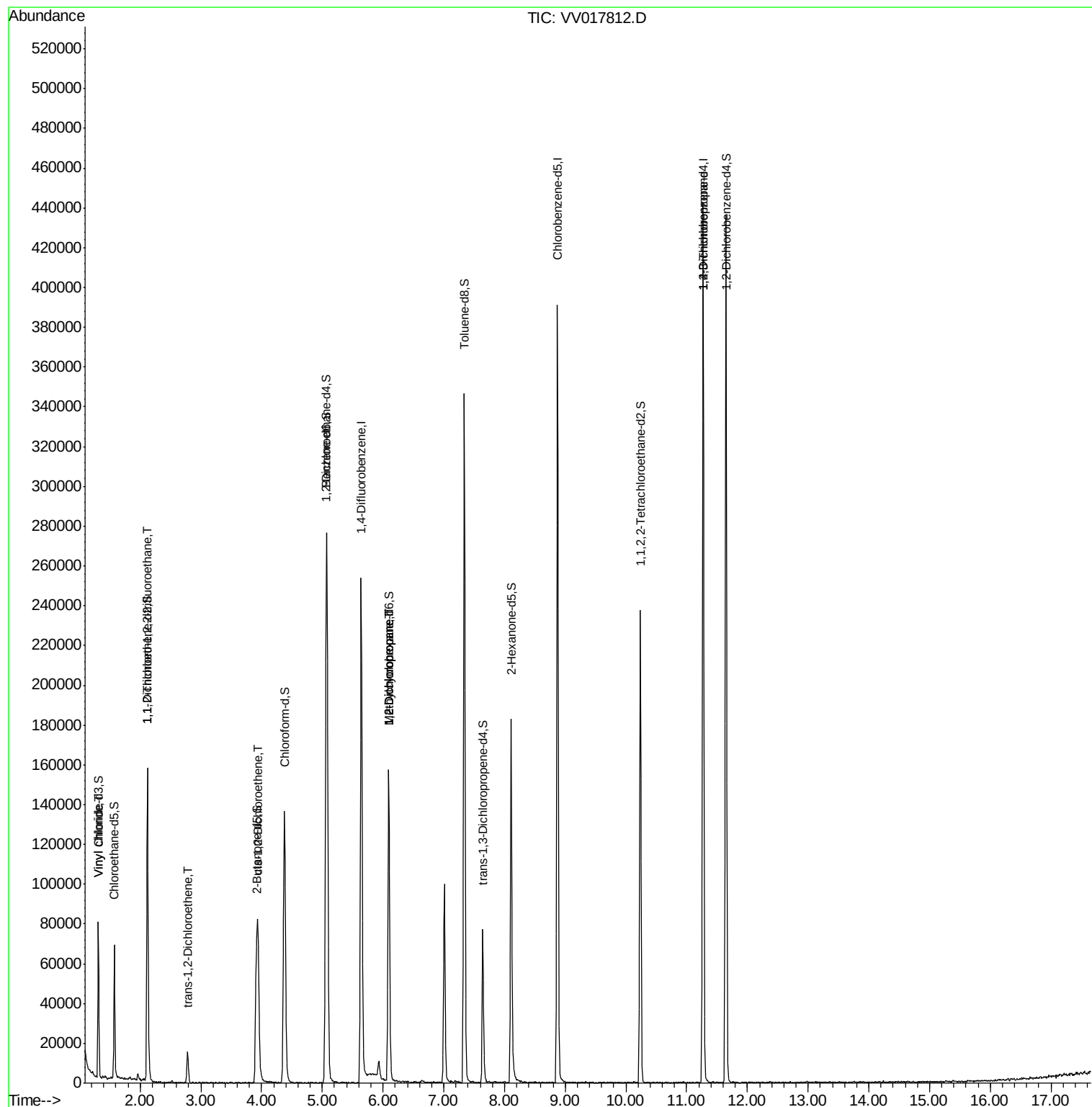
					Ovalue
5) Vinyl chloride	1.32	62	1800	1.183	ug/L # 34
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	919	0.664	ug/L # 18
17) trans-1,2-Dichloroethene	2.78	96	5711	3.922	ug/L 85
20) cis-1,2-Dichloroethene	3.94	96	38264	24.604	ug/L 93
35) Methylcyclohexane	6.09	83	18834	7.994	ug/L # 18
37) 1,2-Dichloropropane	6.10	63	9232	7.128	ug/L # 85
59) 1,2,3-Trichloropropane	11.27	75	10192	5.407	ug/L # 67

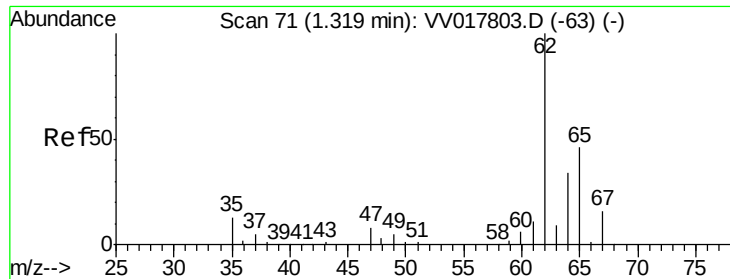
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.183 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017812.D

Acq: 06 Aug 2020 14:27

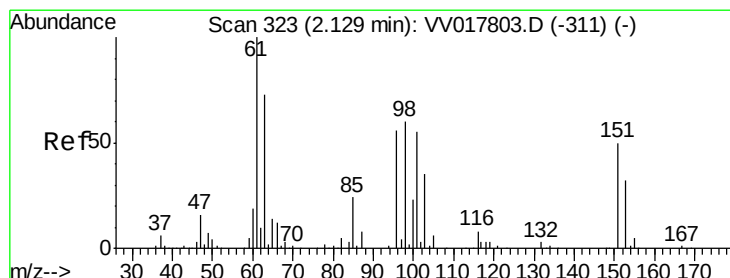
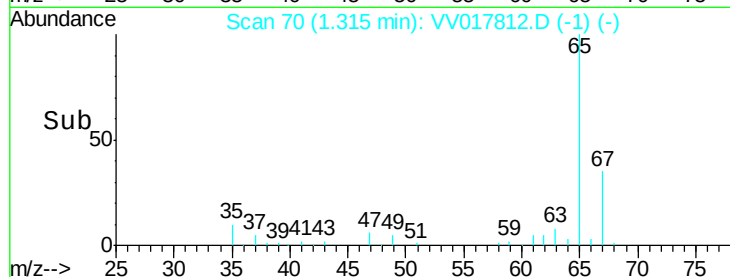
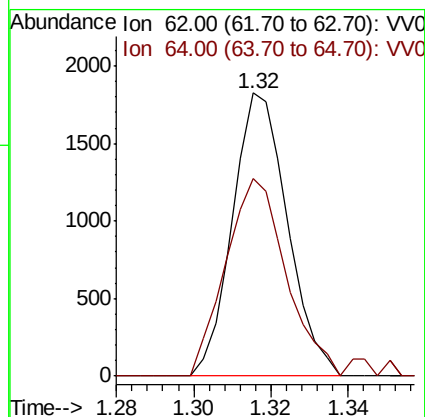
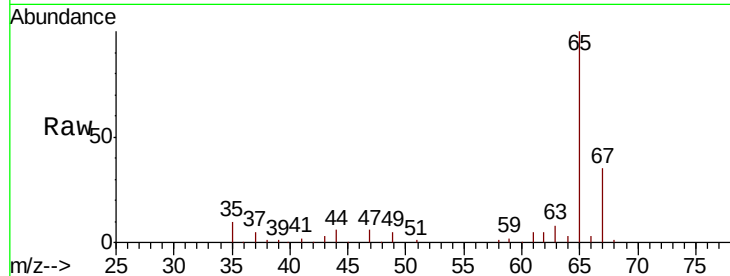
Instrument :
MSVOA_V
ClientSampleId :
F2L49

Tot Ion: 62 Resp: 1800

Ion Ratio Lower Upper

62 100

64 69.6 22.9 42.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017812.D

Acq: 06 Aug 2020 14:27

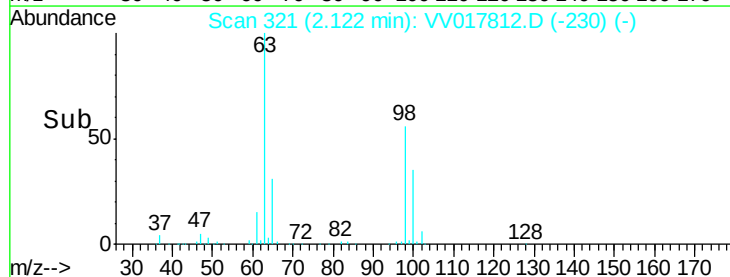
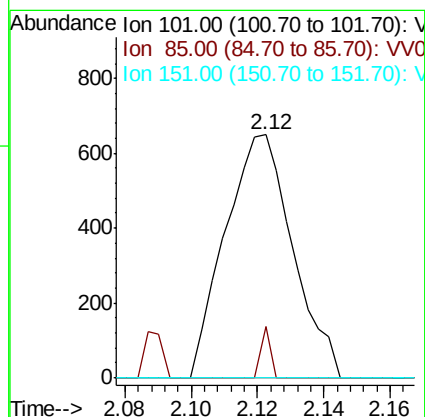
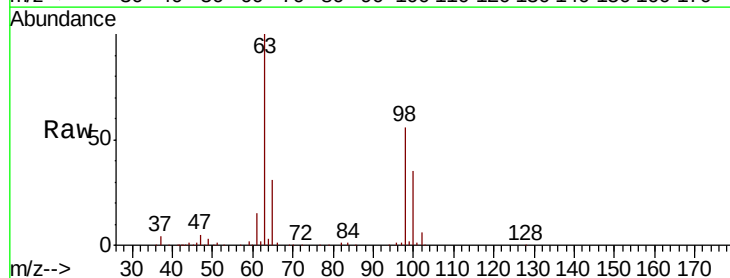
Tgt Ion: 101 Resp: 919

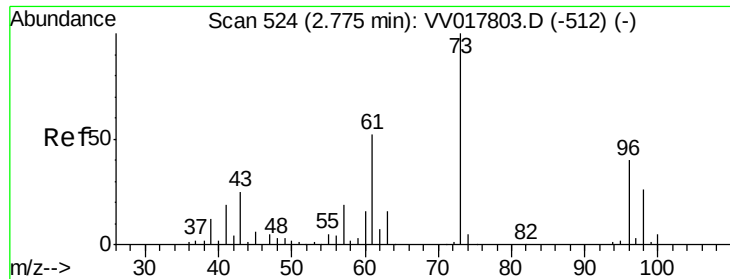
Ion Ratio Lower Upper

101 100

85 5.1 37.2 55.8#

151 0.0 68.2 102.2#

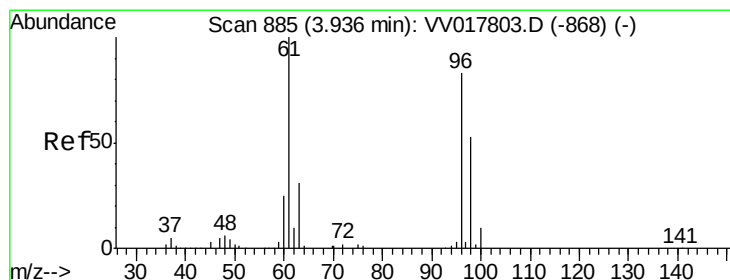
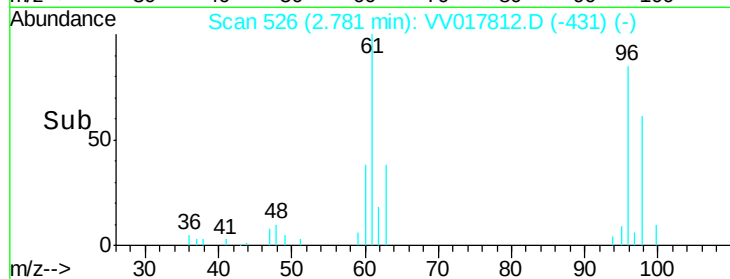
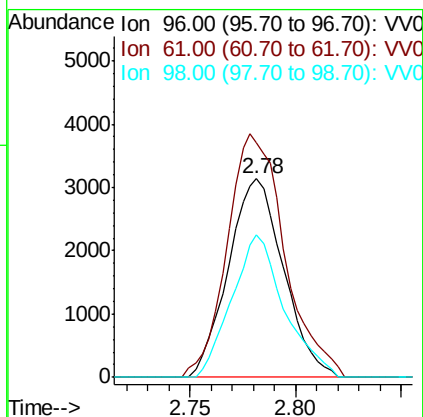
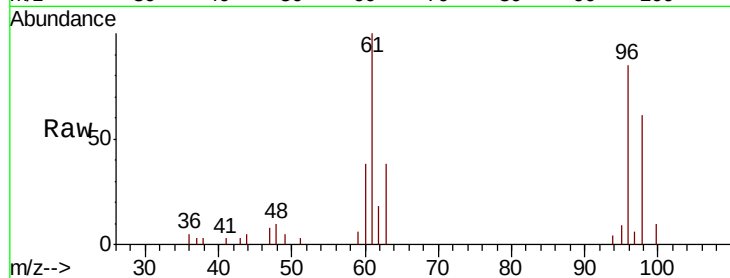




#17
trans-1,2-Dichloroethene
Concen: 3.922 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017812.D
Acq: 06 Aug 2020 14:27

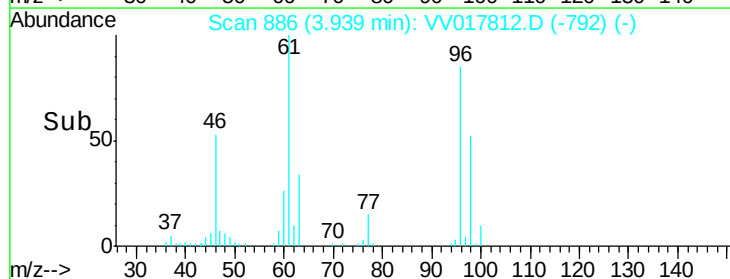
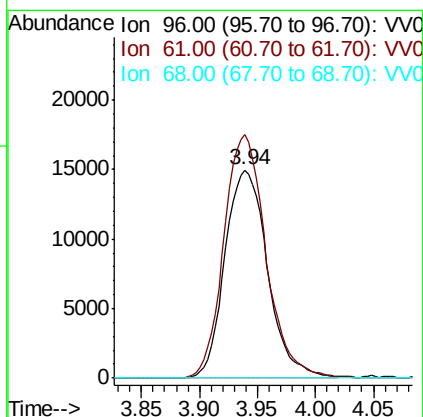
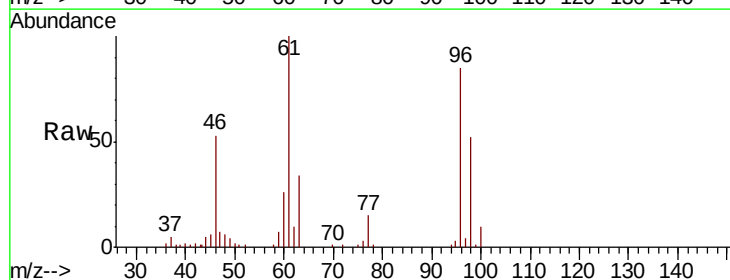
Instrument :
MSVOA_V
ClientSampled :
F2L49

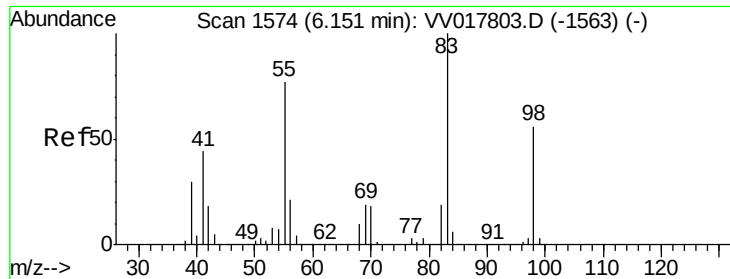
Tot Ion: 96 Resp: 5711
Ion Ratio Lower Upper
96 100
61 117.9 96.2 178.8
98 71.9 43.2 80.2



#20
cis-1,2-Dichloroethene
Concen: 24.604 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017812.D
Acq: 06 Aug 2020 14:27

Tgt Ion: 96 Resp: 38264
Ion Ratio Lower Upper
96 100
61 117.0 87.3 162.1
68 0.0 0.0 0.0

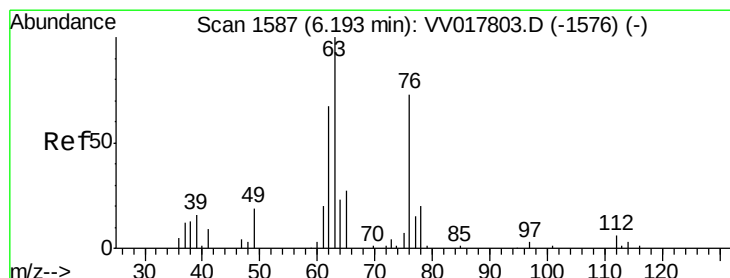
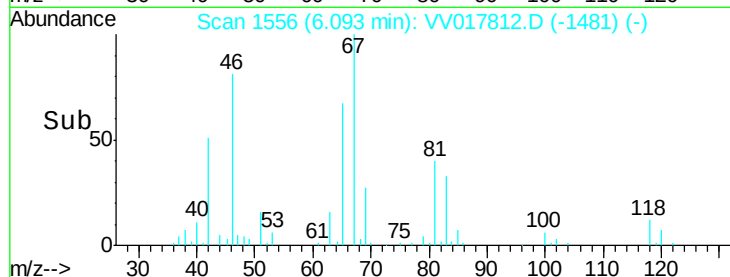
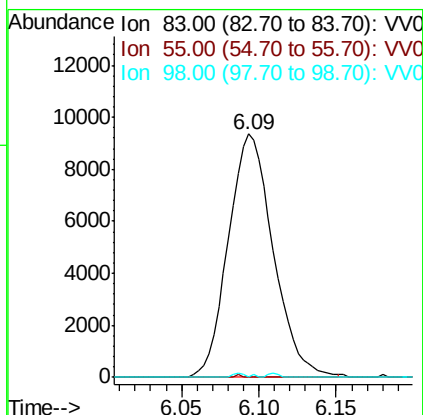
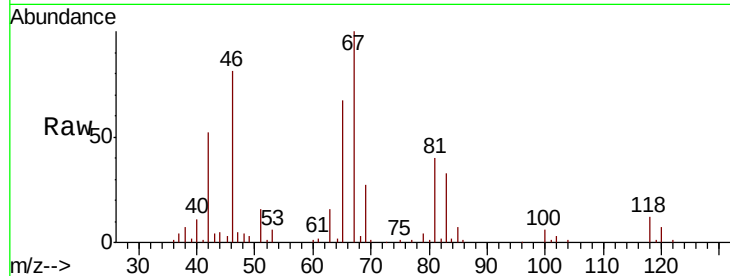




#35
Methylvlcyclohexane
Concen: 7.994 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017812.D
Acq: 06 Aug 2020 14:27

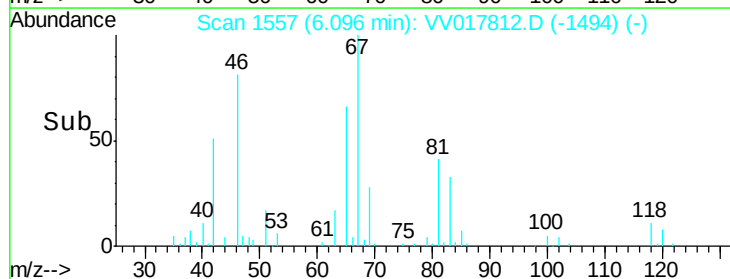
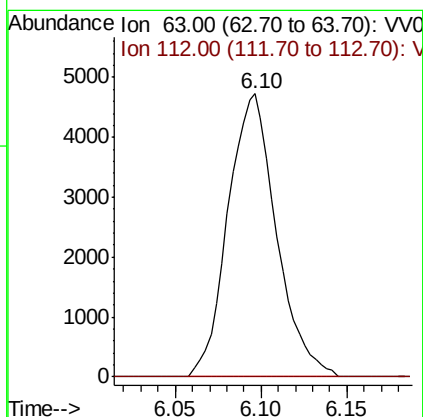
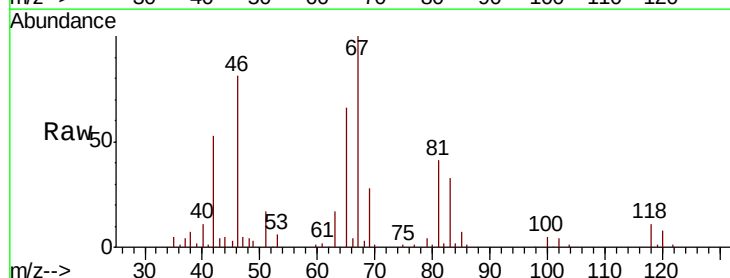
Instrument :
MSVOA_V
ClientSampleId :
F2L49

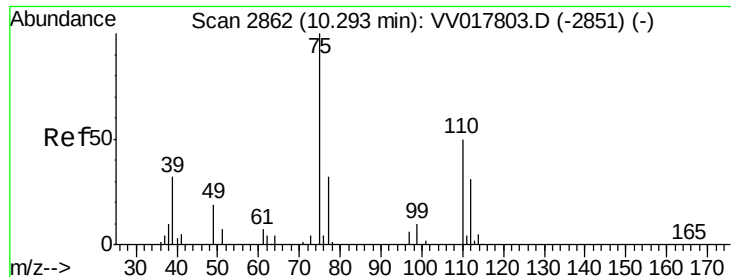
Tot Ion: 83 Resp: 18834
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.1 41.2 61.8#



#37
1,2-Dichloropropane
Concen: 7.128 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017812.D
Acq: 06 Aug 2020 14:27

Tgt Ion: 63 Resp: 9232
Ion Ratio Lower Upper
63 100
112 0.5 4.6 6.8#





#59

1,2,3-Trichloropropane

Concen: 5.407 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017812.D

Acq: 06 Aug 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

F2L49

Tot Ion: 75 Resp: 10192

Ion Ratio Lower Upper

75 100

77 49.7 25.1 37.7#

