

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018023.D
 Acq On : 17 Aug 2020 14:01
 Operator : SY/MD
 Sample : L3665-19 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L40

Quant Time: Aug 18 01:26:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	245053	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86822	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.88%
7) Chloroethane-d5	1.58	69	75603	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.84%
11) 1,1-Dichloroethene-d2	2.12	63	132314	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	3.91	46	109400	89.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.33%
24) Chloroform-d	4.38	84	161003	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	111621	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.07	84	325499	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
36) 1,2-Dichloropropane-d6	6.09	67	104571	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.34	98	283800	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.64	79	46518	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.11	63	53735	76.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125420	43.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	117875	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

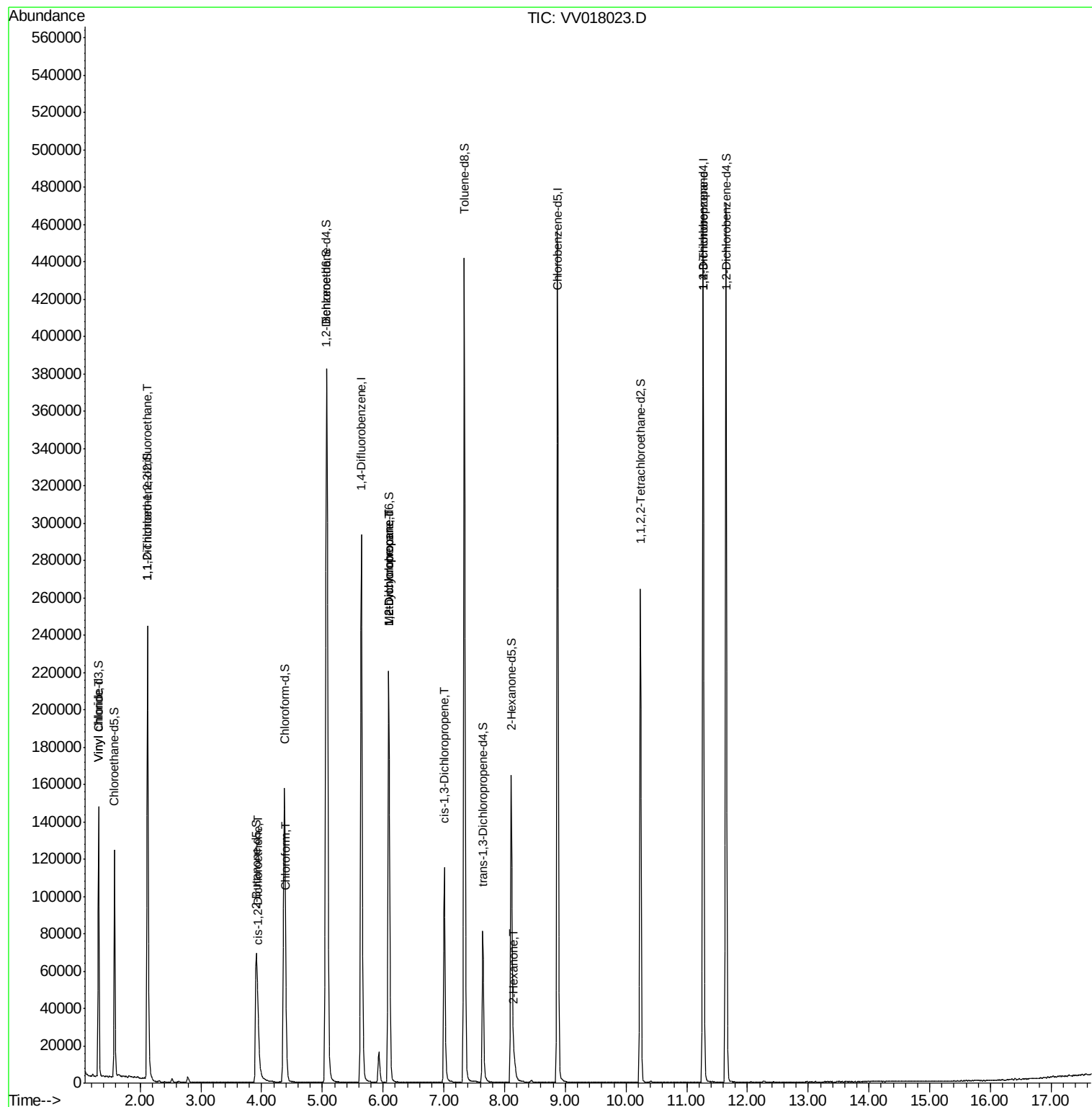
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2509	1.152	ug/L #	7
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1260	0.726	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	4671	2.516	ug/L	98
25) Chloroform	4.41	83	3566	1.029	ug/L	95
35) Methylcyclohexane	6.09	83	25548	8.644	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	11712	5.711	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2815	0.968	ug/L #	71
48) 2-Hexanone	8.16	43	6341	2.933	ug/L #	91
59) 1,2,3-Trichloropropane	11.27	75	13806	5.451	ug/L	91

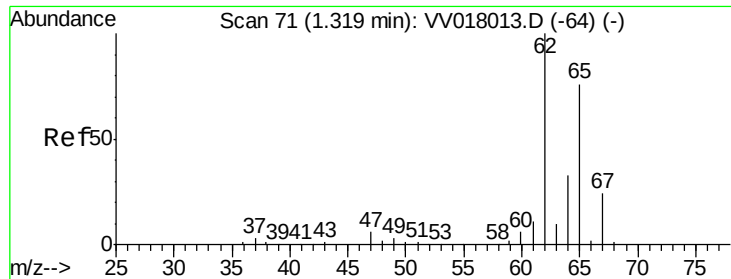
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.152 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018023.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_V

ClientSampled :

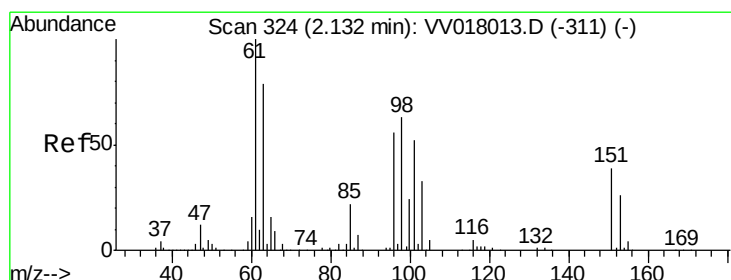
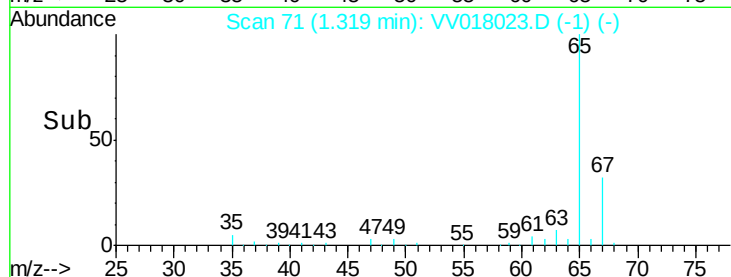
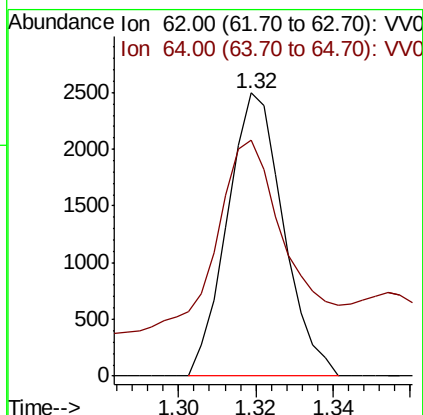
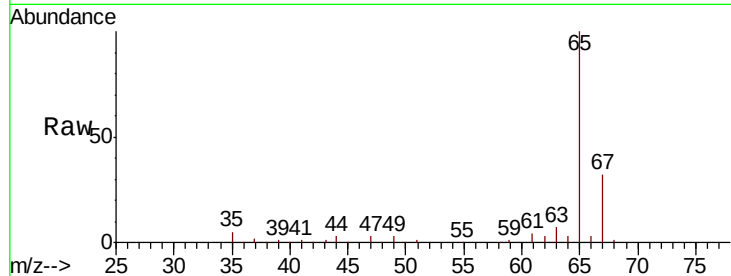
F4L40

Tot Ion: 62 Resp: 2509

Ion Ratio Lower Upper

62 100

64 83.6 22.4 41.6#



#10

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

Concen: 0.726 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 17 Aug 2020 14:01

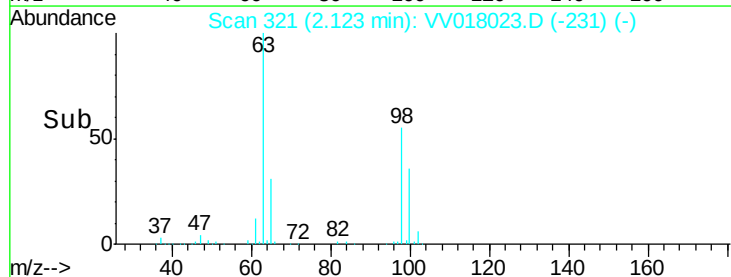
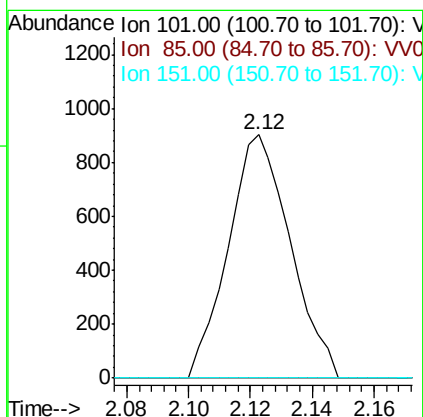
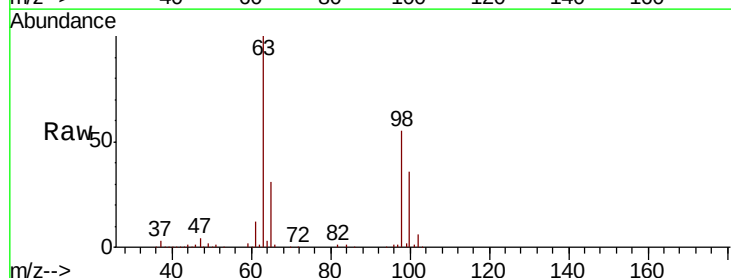
Tgt Ion: 101 Resp: 1260

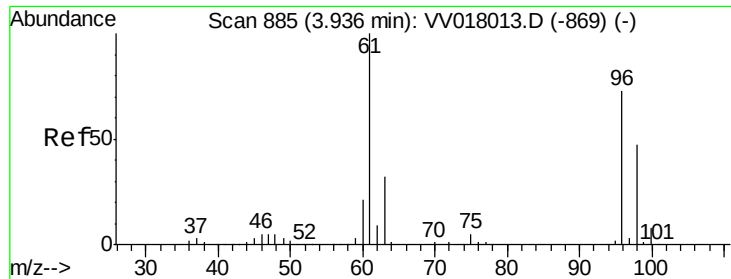
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#

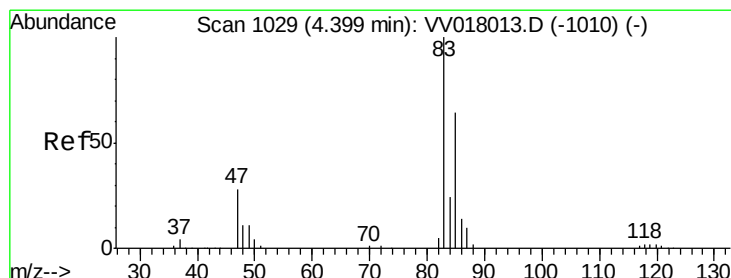
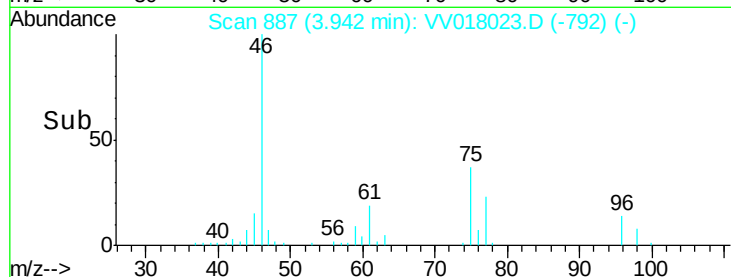
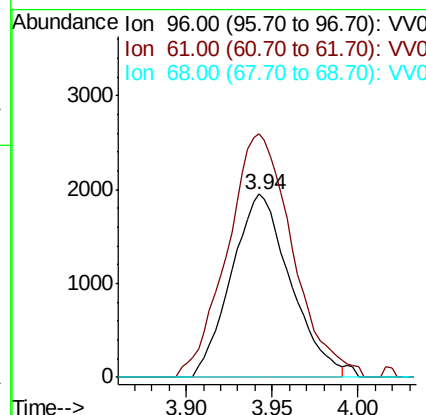
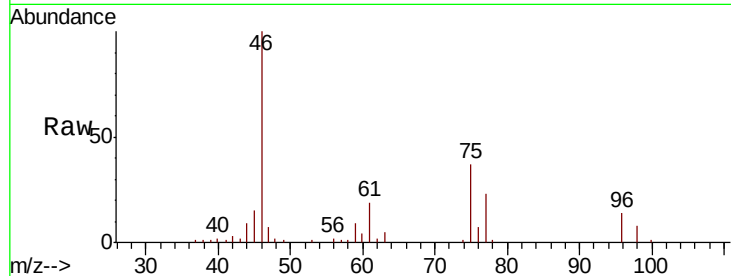




#20
 cis-1,2-Dichloroethene
 Concen: 2.516 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018023.D
 Acq: 17 Aug 2020 14:01

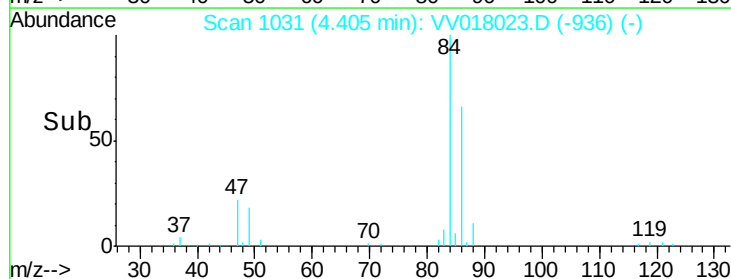
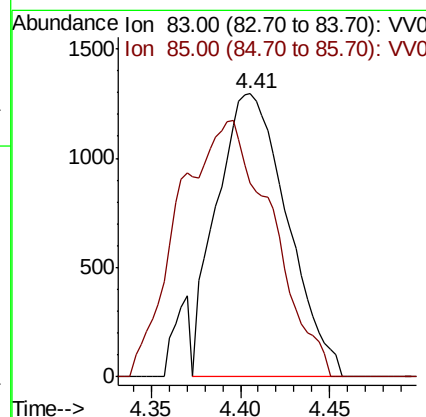
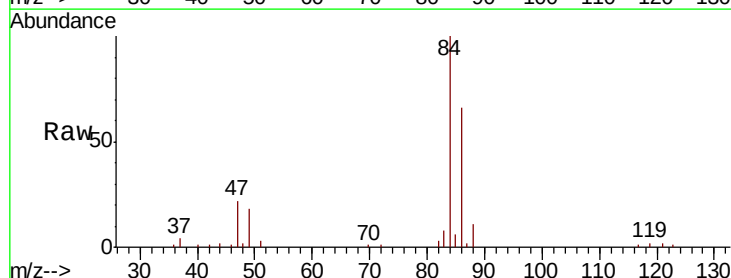
Instrument :
 MSVOA_V
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 F4L40

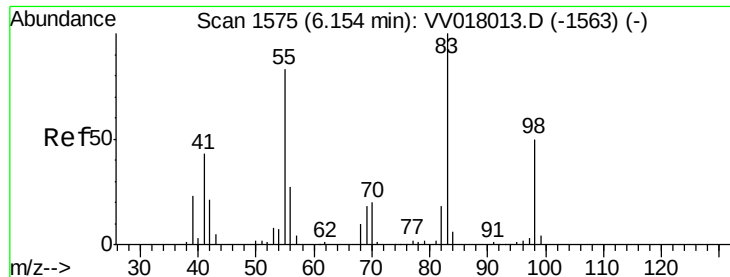
Tot Ion: 96 Resp: 4671
 Ion Ratio Lower Upper
 96 100
 61 132.9 95.0 176.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.029 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV018023.D
 Acq: 17 Aug 2020 14:01

Tgt Ion: 83 Resp: 3566
 Ion Ratio Lower Upper
 83 100
 85 68.6 45.5 84.5

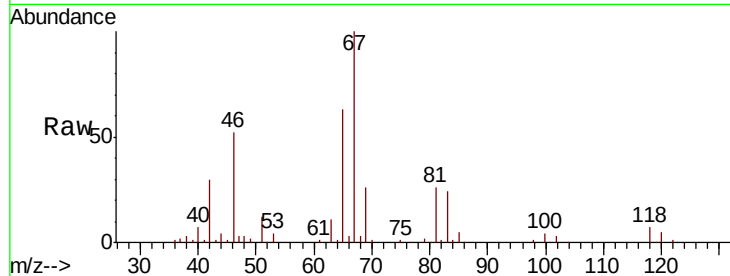




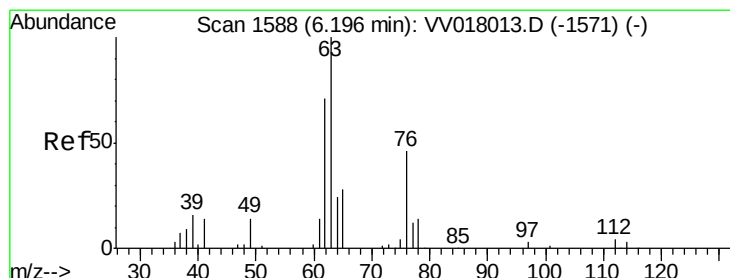
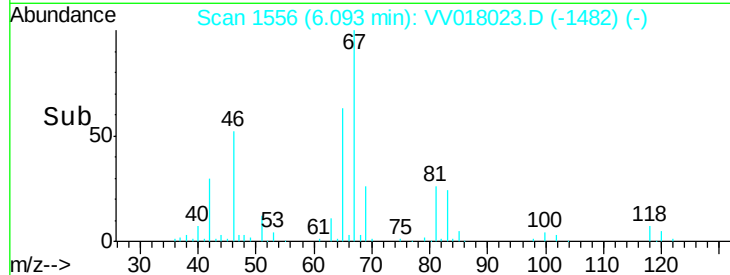
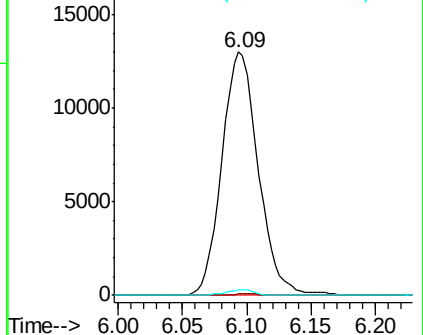
#35
Methylvlcyclohexane
Concen: 8.644 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018023.D
Acq: 17 Aug 2020 14:01

Instrument :
MSVOA_V
ClientSampled :
F4L40

Tot Ion: 83 Resp: 25548
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.7 38.7 58.1#

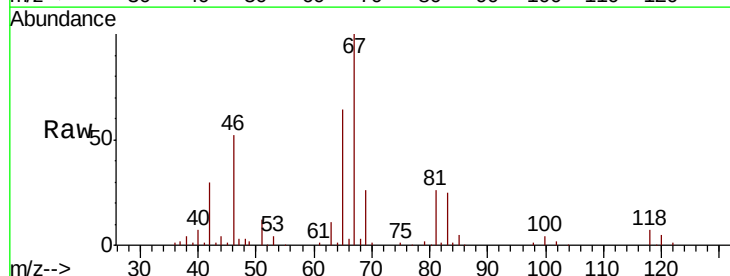


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

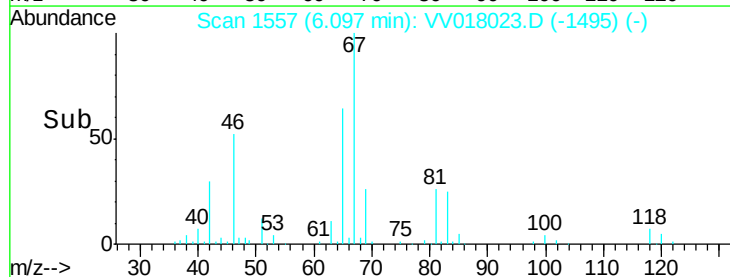
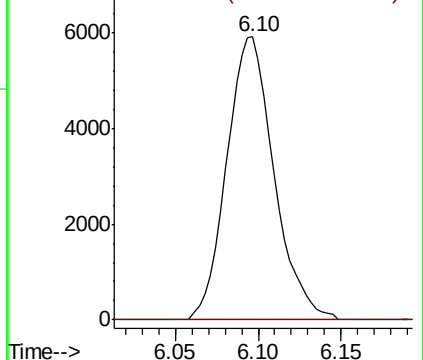


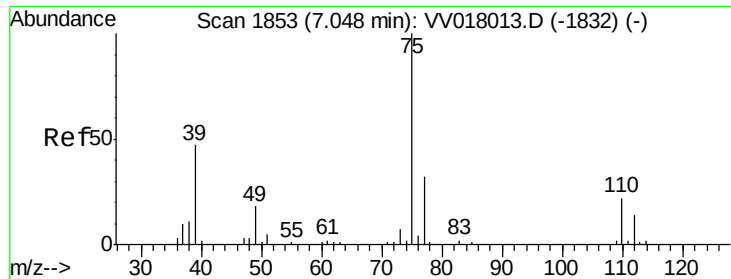
#37
1,2-Dichloropropane
Concen: 5.711 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV018023.D
Acq: 17 Aug 2020 14:01

Tgt Ion: 63 Resp: 11712
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

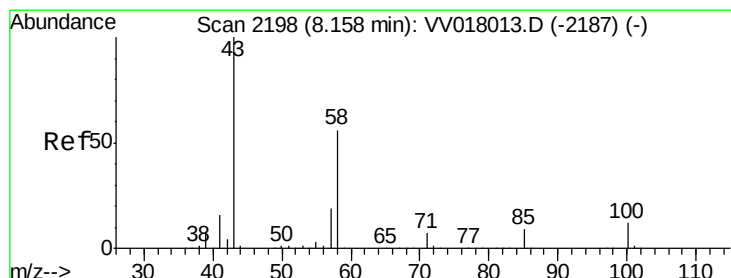
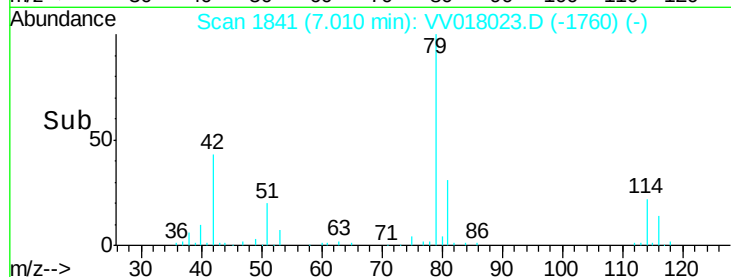
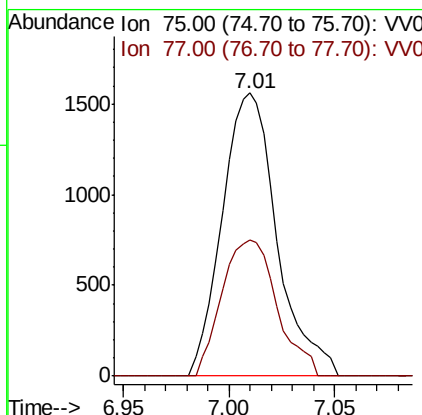
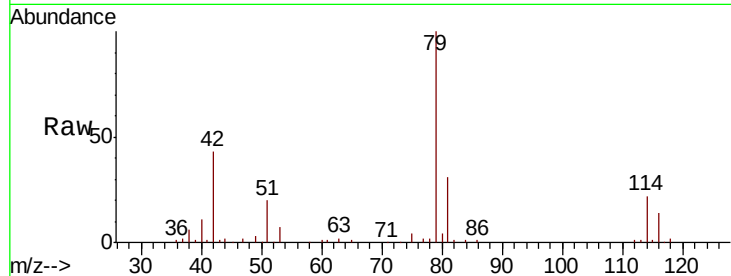




#39
 cis-1,3-Dichloropropene
 Concen: 0.968 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018023.D
 Acq: 17 Aug 2020 14:01

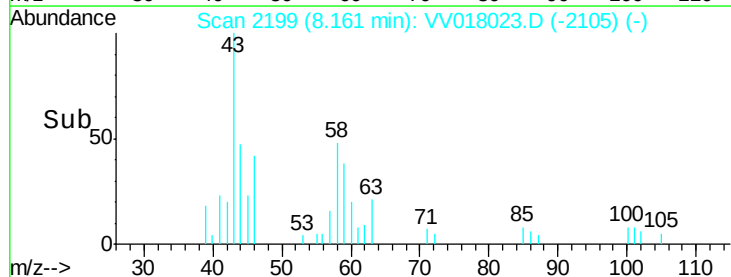
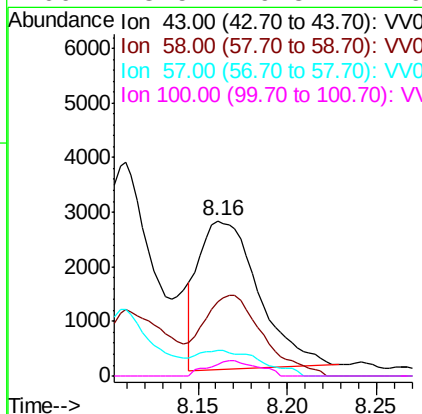
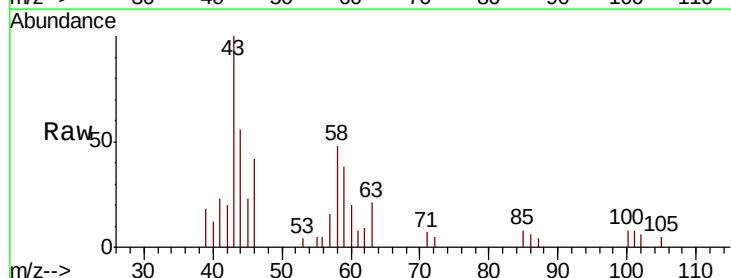
Instrument :
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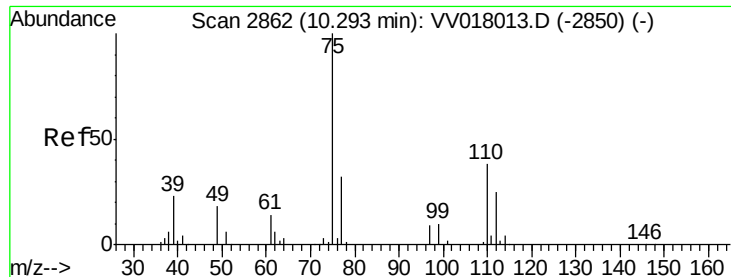
Tot Ion: 75 Resp: 2815
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.3 41.5#



#48
 2-Hexanone
 Concen: 2.933 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018023.D
 Acq: 17 Aug 2020 14:01

Tgt Ion: 43 Resp: 6341
 Ion Ratio Lower Upper
 43 100
 58 55.6 44.4 66.6
 57 3.5 15.2 22.8#
 100 8.5 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.451 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018023.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_V

ClientSampleId :

F4L40

Tot Ion: 75 Resp: 13806

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5

