

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018475.D
 Acq On : 25 Sep 2020 22:40
 Operator : SY/MD
 Sample : L4117-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

Quant Time: Sep 26 02:57:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122234	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.58	69	103786	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.26%
11) 1,1-Dichloroethene-d2	2.12	63	173924	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	3.92	46	161256	89.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.59%
24) Chloroform-d	4.38	84	220517	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	5.06	65	144142	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
32) Benzene-d6	5.08	84	460300	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
36) 1,2-Dichloropropane-d6	6.09	67	146970	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.14%
41) Toluene-d8	7.34	98	410241	45.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.64%
43) trans-1,3-Dichloropropene-	7.64	79	67886	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.11	63	99313	83.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176680	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	170473	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%

Target Compounds

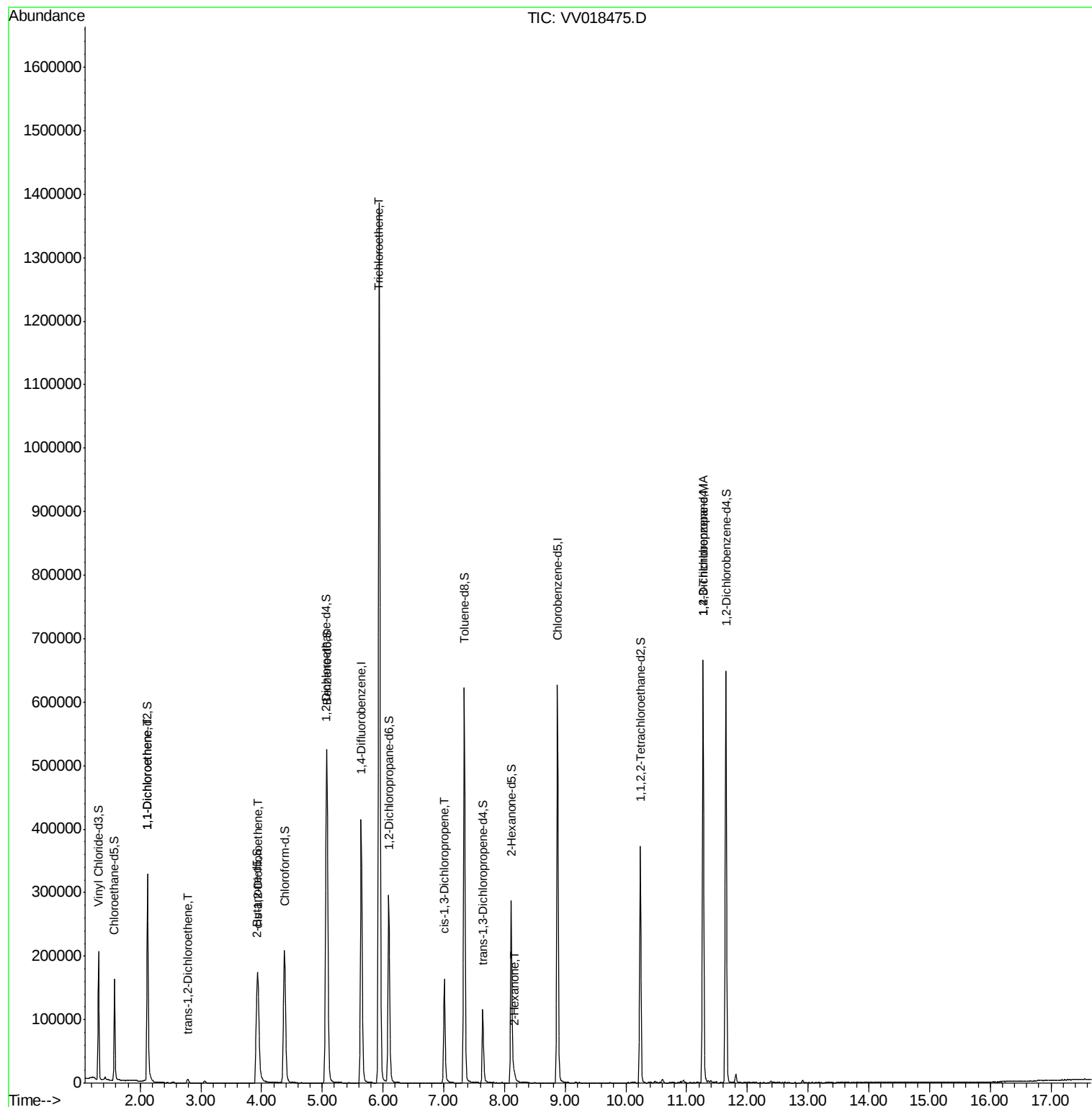
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2015	0.850 ug/L #	1
17) trans-1,2-Dichloroethene	2.79	96	2326	0.953 ug/L	83
20) cis-1,2-Dichloroethene	3.94	96	68927	26.407 ug/L	93
34) Trichloroethene	5.94	95	487043	180.229 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3778	0.933 ug/L #	75
48) 2-Hexanone	8.17	43	7711	3.067 ug/L #	47
59) 1,2,3-Trichloropropane	11.27	75	18768	6.070 ug/L	93

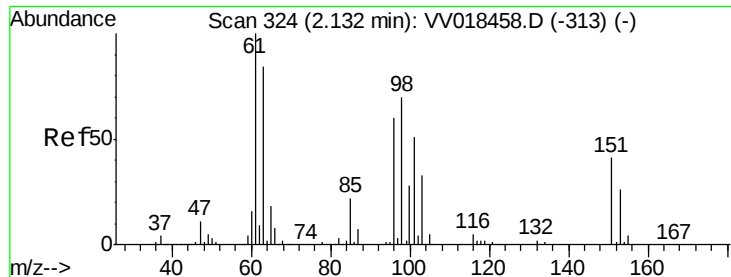
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.850 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018475.D

Acq: 25 Sep 2020 22:40

Instrument :

MSVOA_V

ClientSampled :

E0AA9

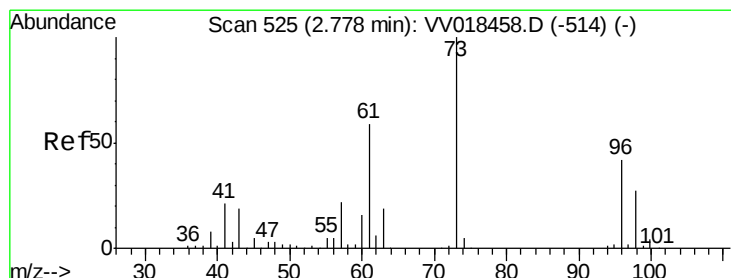
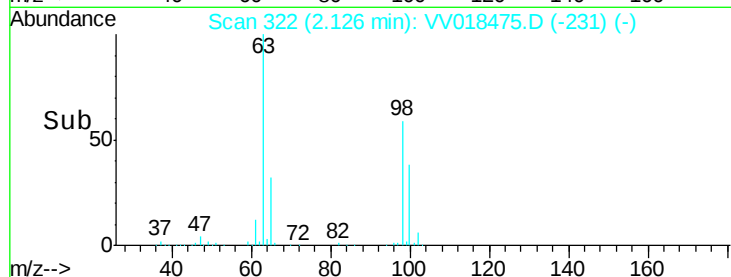
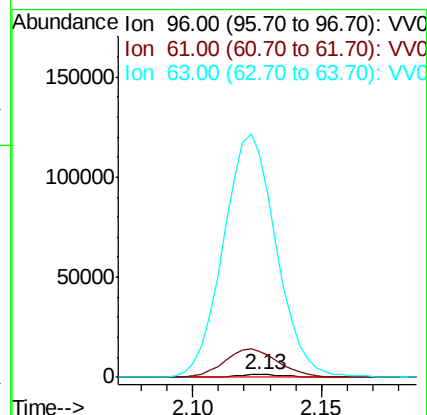
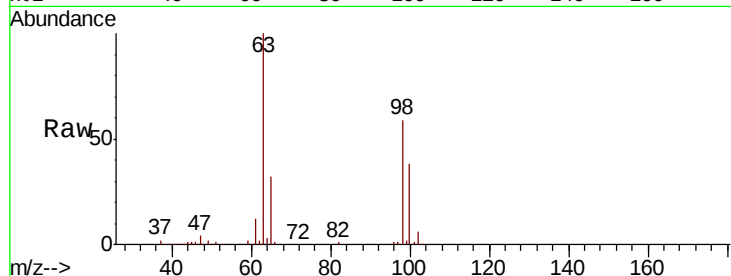
Tot Ion: 96 Resp: 2015

Ion Ratio Lower Upper

96 100

61 1004.4 122.9 228.3#

63 8694.2 91.9 170.7#



#17

trans-1,2-Dichloroethene

Concen: 0.953 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018475.D

Acq: 25 Sep 2020 22:40

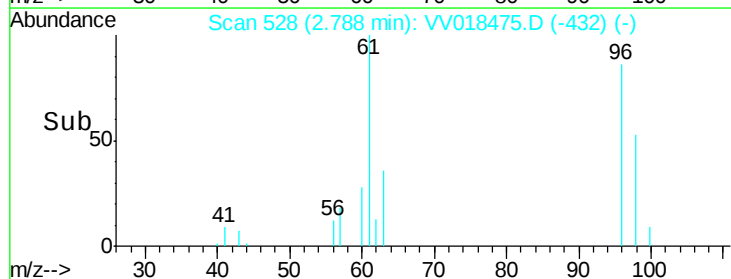
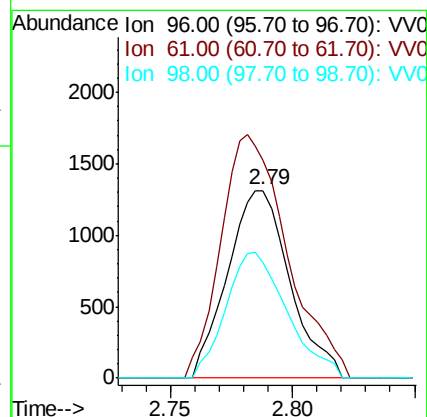
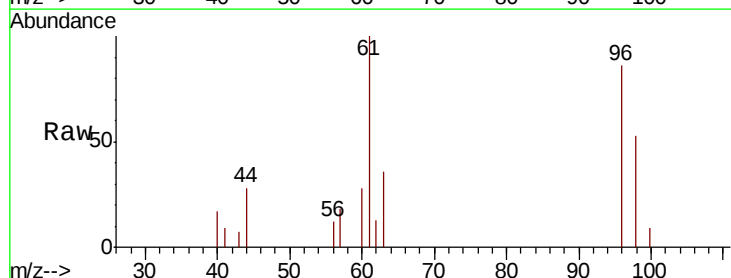
Tgt Ion: 96 Resp: 2326

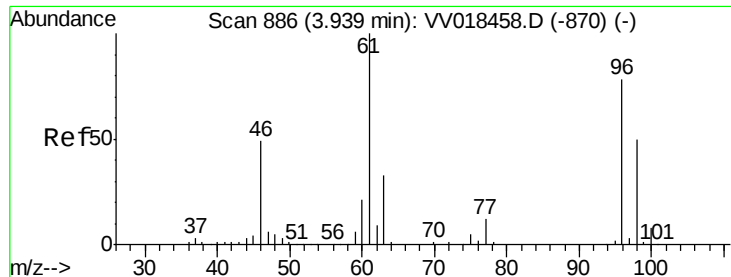
Ion Ratio Lower Upper

96 100

61 116.1 100.7 186.9

98 61.7 45.2 84.0

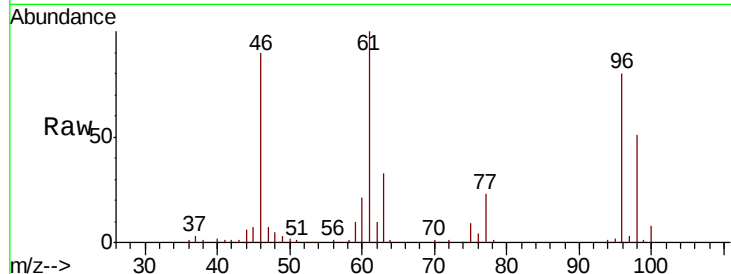




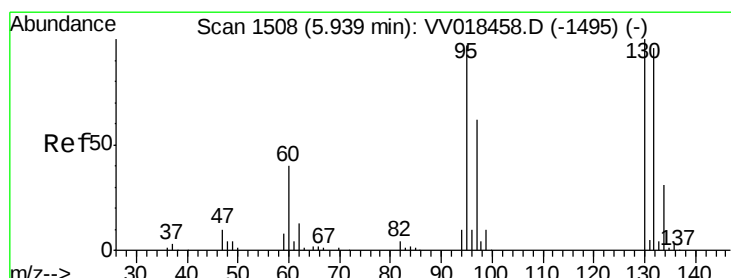
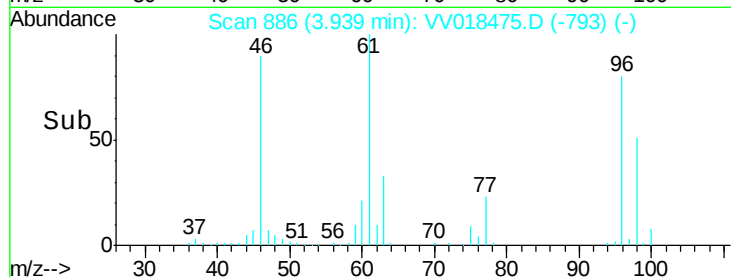
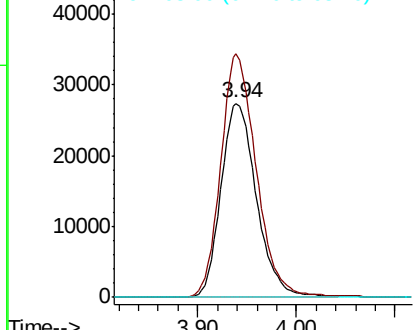
#20
 cis-1,2-Dichloroethene
 Concen: 26.407 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018475.D
 Acq: 25 Sep 2020 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

Tot Ion: 96 Resp: 68927
 Ion Ratio Lower Upper
 96 100
 61 125.4 93.6 173.8
 68 0.0 0.0 0.0

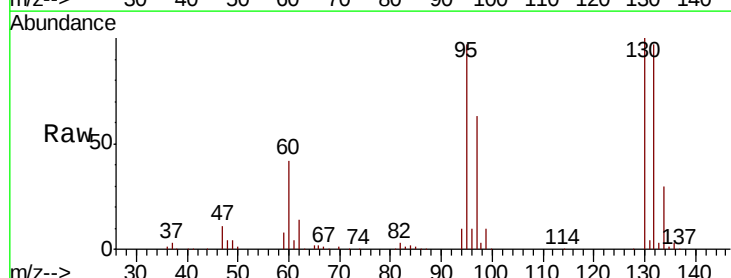


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

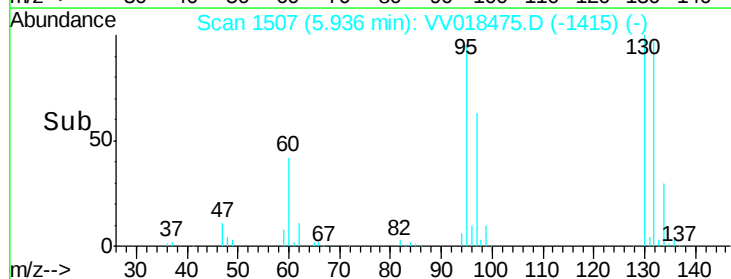
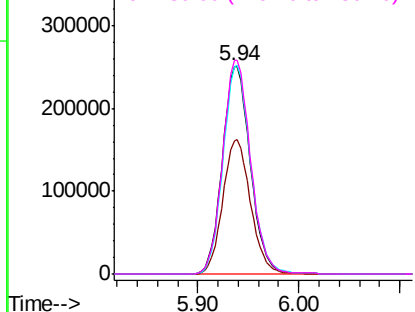


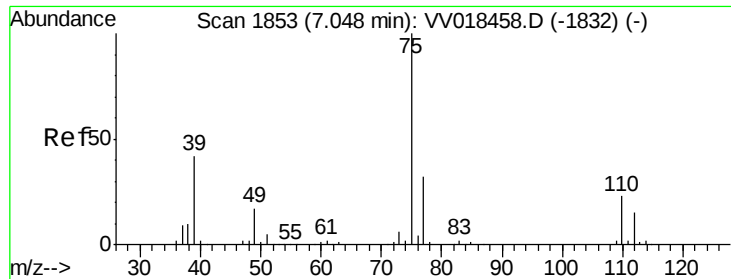
#34
 Trichloroethene
 Concen: 180.229 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018475.D
 Acq: 25 Sep 2020 22:40

Tgt Ion: 95 Resp: 487043
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.3 85.9
 132 99.6 68.1 126.5
 130 102.8 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



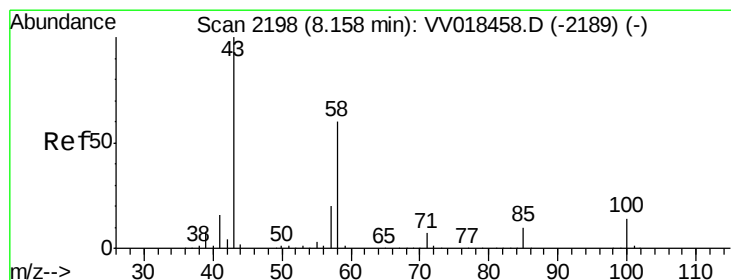
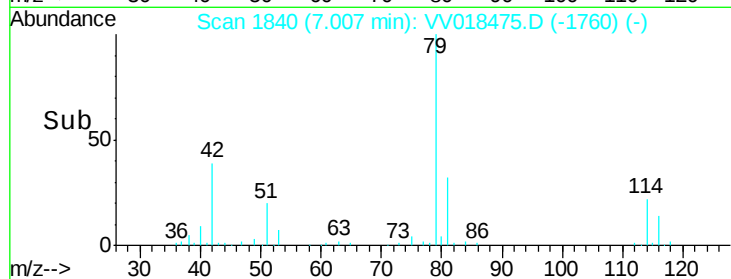
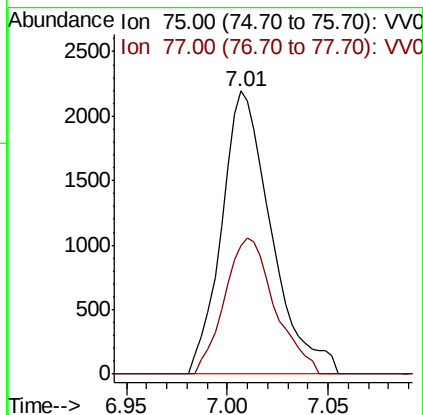
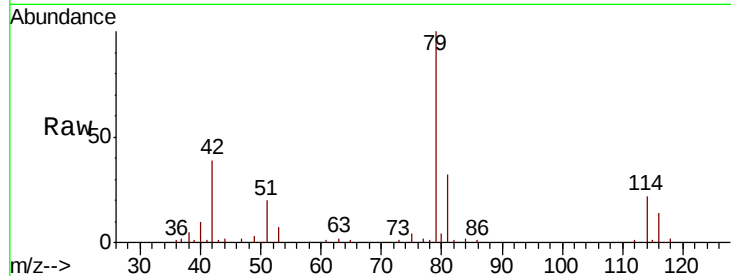


#39

cis-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018475.D
 Acq: 25 Sep 2020 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

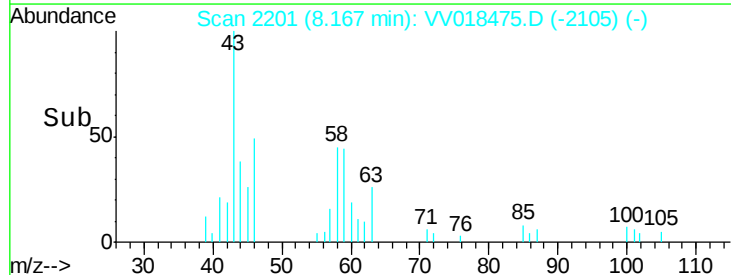
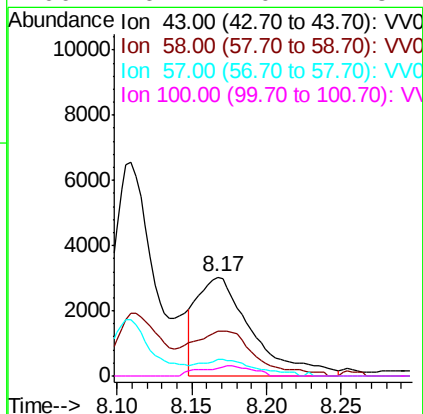
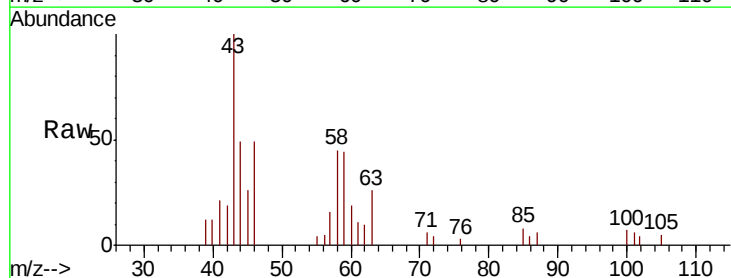
Tot Ion: 75 Resp: 3778
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.3 41.3#

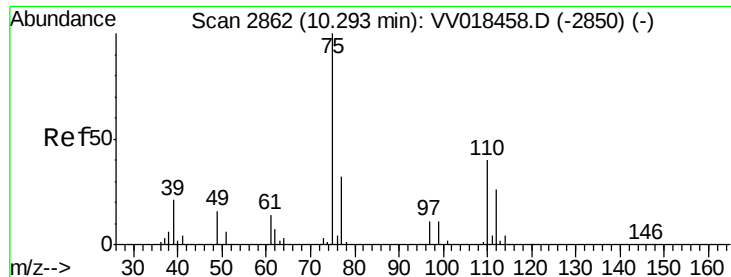


#48

2-Hexanone
 Concen: 3.067 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV018475.D
 Acq: 25 Sep 2020 22:40

Tgt Ion: 43 Resp: 7711
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.8 67.2#
 57 16.2 15.8 23.6
 100 6.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.070 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018475.D

Acq: 25 Sep 2020 22:40

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

Tot Ion: 75 Resp: 18768

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6

