

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018474.D
 Acq On : 25 Sep 2020 22:18
 Operator : SY/MD
 Sample : L4117-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8

Quant Time: Sep 26 02:57:45 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	372012	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	354811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124473	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.12%
7) Chloroethane-d5	1.58	69	105225	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.84%
11) 1,1-Dichloroethene-d2	2.12	63	177703	31.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	3.91	46	161865	87.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.23%
24) Chloroform-d	4.38	84	221288	42.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.14%
26) 1,2-Dichloroethane-d4	5.06	65	144073	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.08	84	466498	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
36) 1,2-Dichloropropane-d6	6.09	67	148362	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.94%
41) Toluene-d8	7.34	98	417707	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	70825	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.11	63	102710	84.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179671	44.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	171808	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds

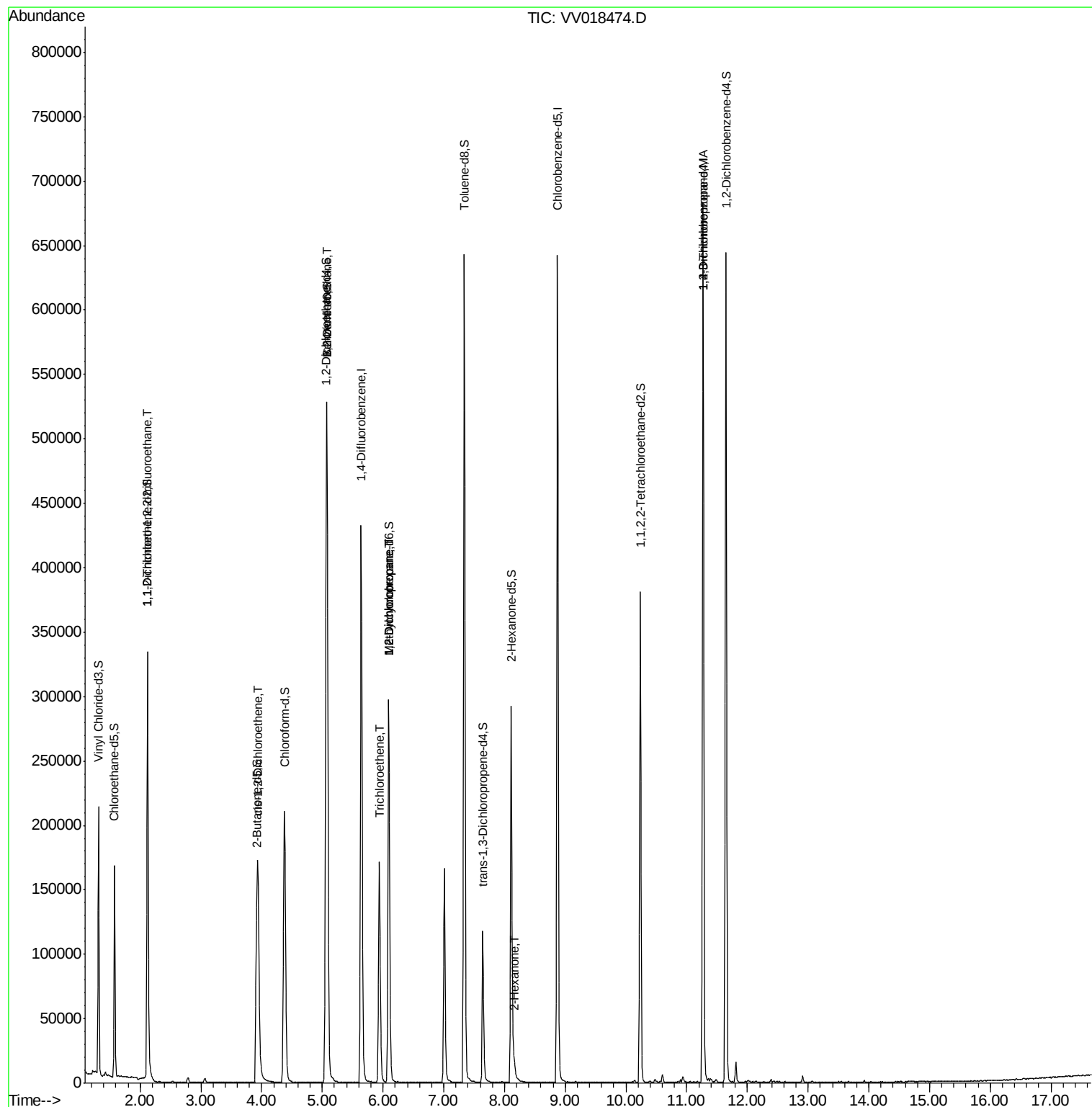
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1673	0.666 ug/L #	19
20) cis-1,2-Dichloroethene	3.94	96	71088	26.417 ug/L	94
27) 1,2-Dichloroethane	5.07	62	2592	0.692 ug/L	99
34) Trichloroethene	5.94	95	57669	20.868 ug/L	98
35) Methylcyclohexane	6.09	83	34778	8.358 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	15870	5.904 ug/L #	87
48) 2-Hexanone	8.16	43	6401	2.490 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	19877	6.287 ug/L	93

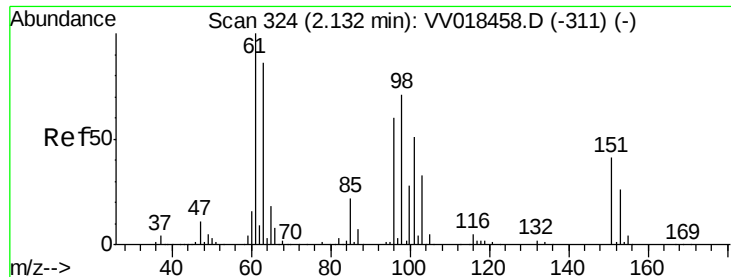
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.666 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018474.D

Acq: 25 Sep 2020 22:18

Instrument :

MSVOA_V

ClientSampleId :

E0AA8

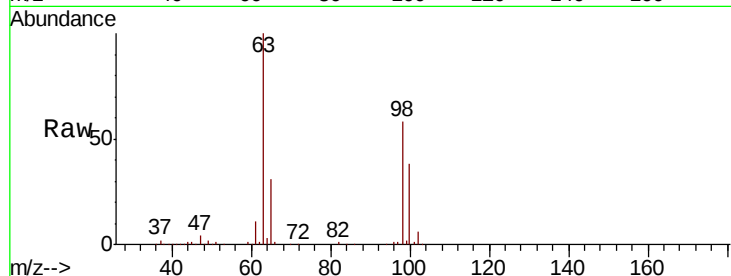
Tot Ion:101 Resp: 1673

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

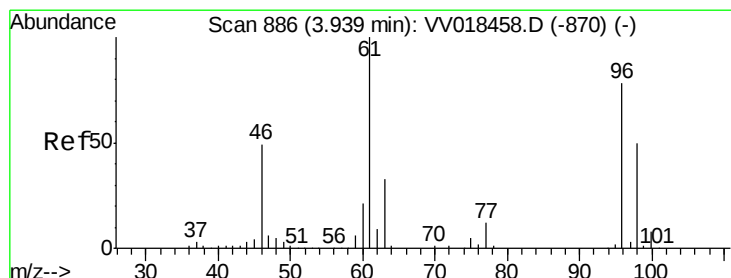
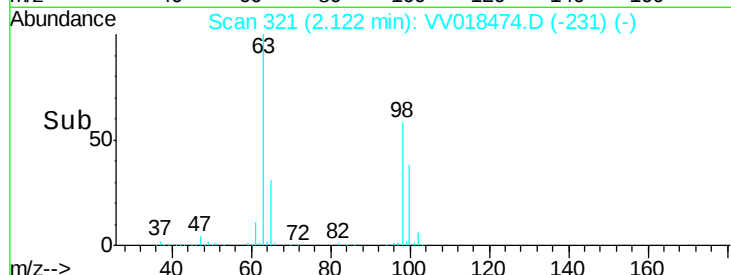
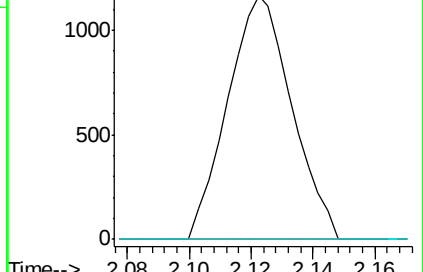
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 26.417 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018474.D

Acq: 25 Sep 2020 22:18

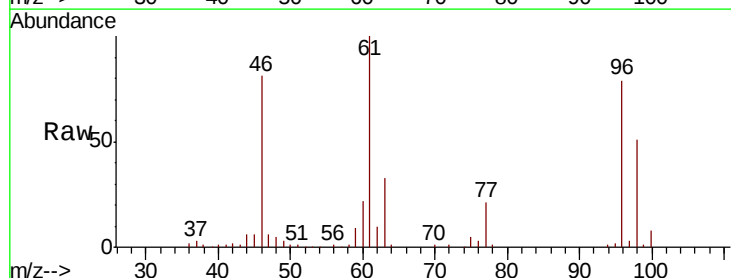
Tgt Ion: 96 Resp: 71088

Ion Ratio Lower Upper

96 100

61 126.9 93.6 173.8

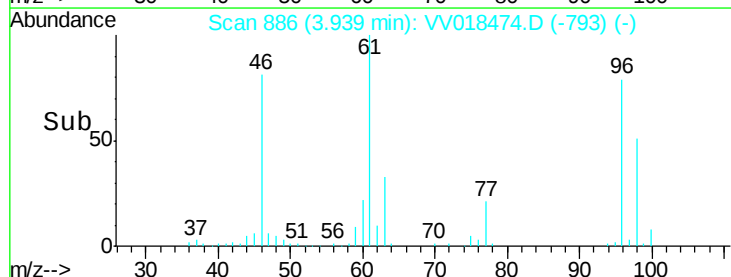
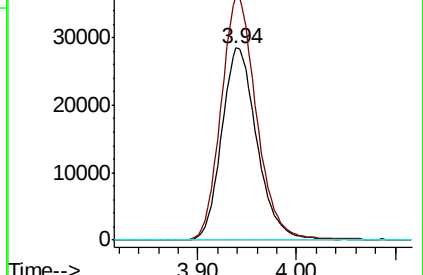
68 0.0 0.0 0.0

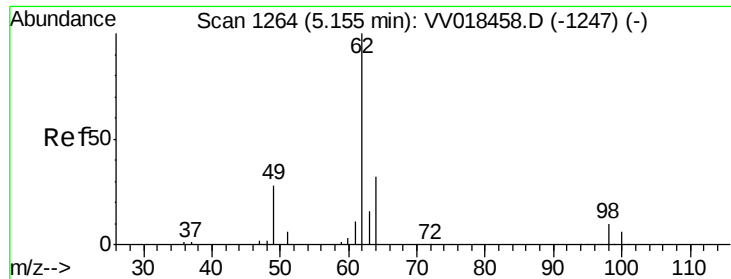


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

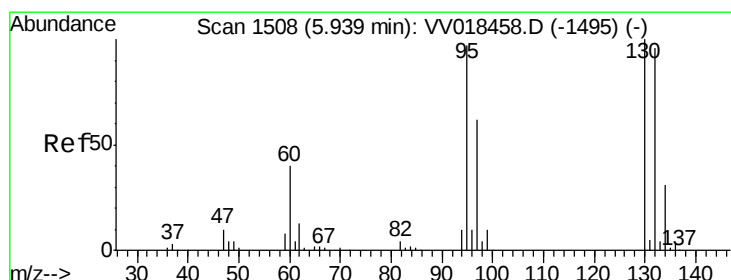
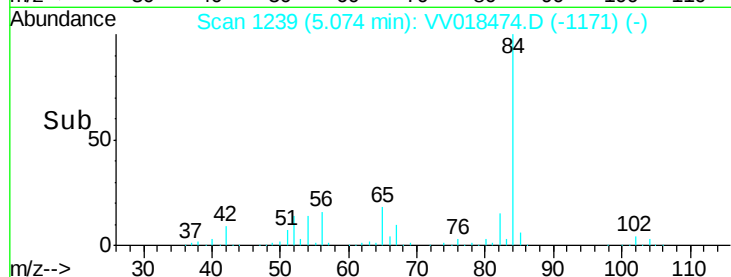
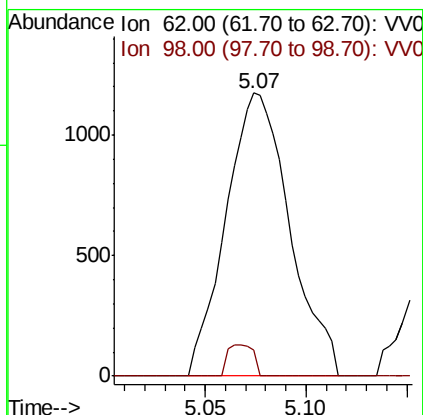
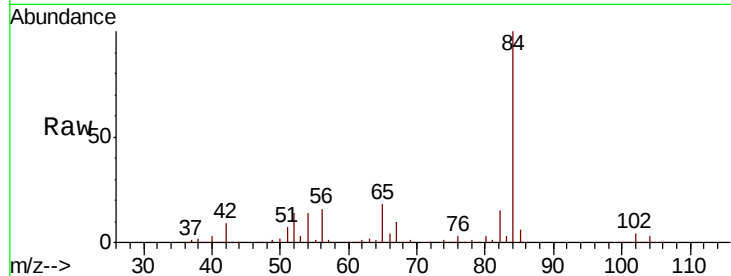




#27
 1,2-Dichloroethane
 Concen: 0.692 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018474.D
 Acq: 25 Sep 2020 22:18

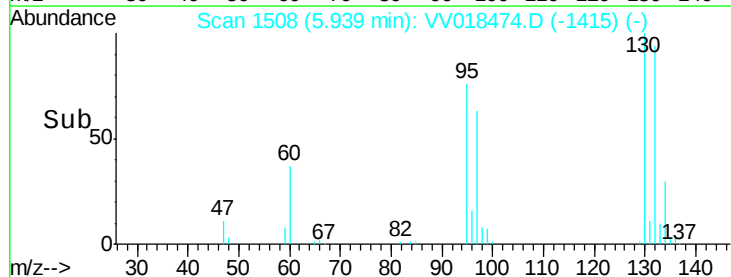
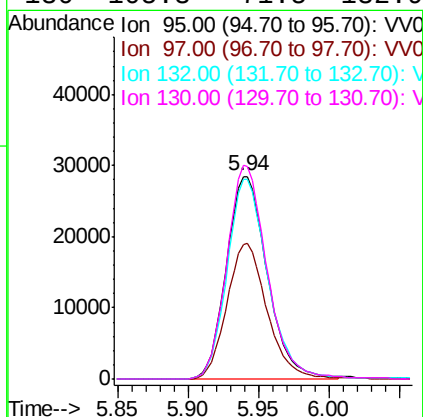
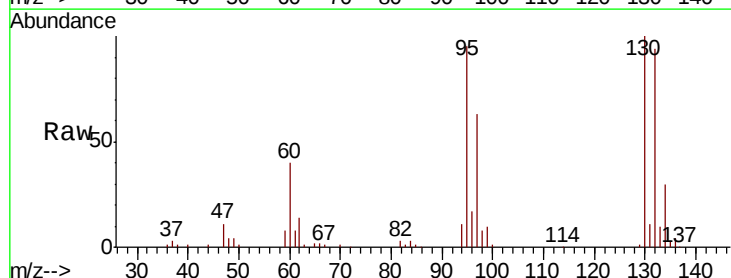
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 MSVOA_V
 ClientSampleId :
 E0AA8

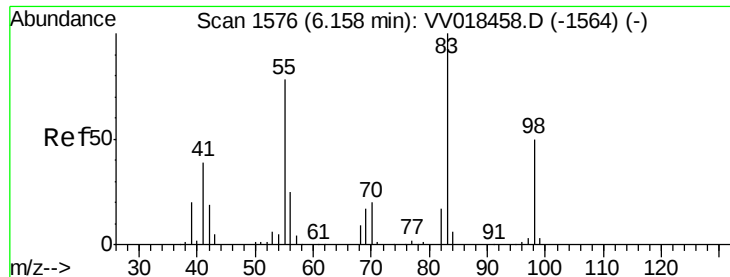
Tot Ion: 62 Resp: 2592
 Ion Ratio Lower Upper
 62 100
 98 9.3 7.6 11.4



#34
 Trichloroethene
 Concen: 20.868 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV018474.D
 Acq: 25 Sep 2020 22:18

Tgt Ion: 95 Resp: 57669
 Ion Ratio Lower Upper
 95 100
 97 66.6 46.3 85.9
 132 98.5 68.1 126.5
 130 105.3 71.5 132.9

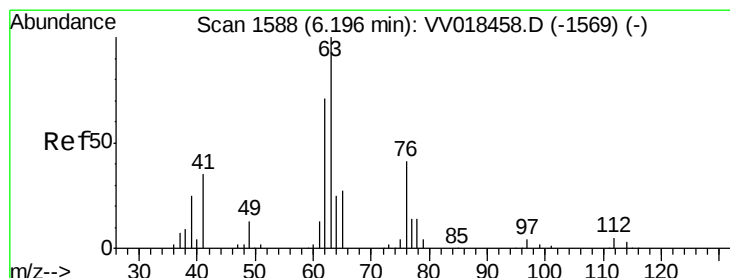
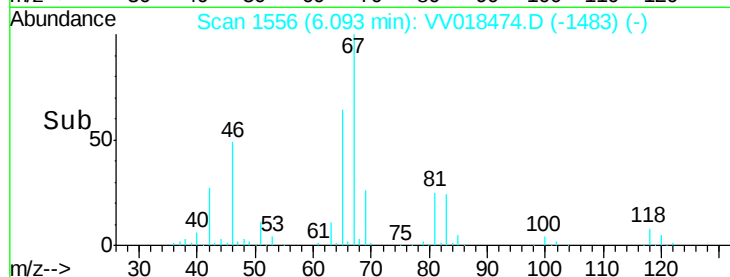
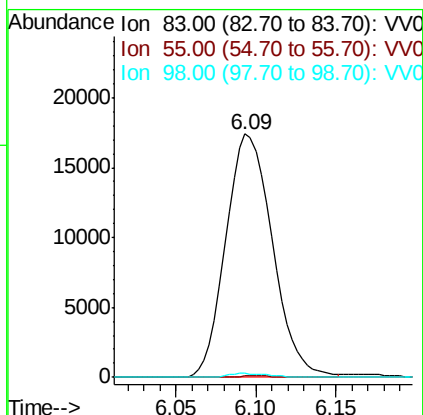
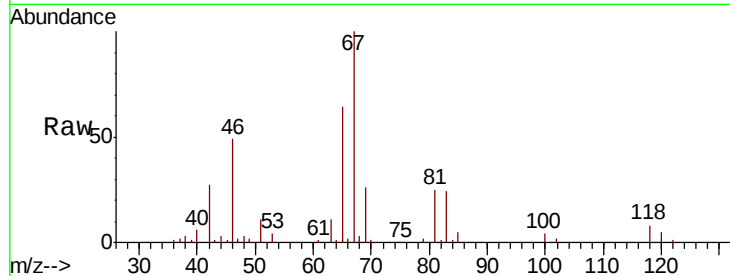




#35
Methvlcvclohexane
Concen: 8.358 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018474.D
Acq: 25 Sep 2020 22:18

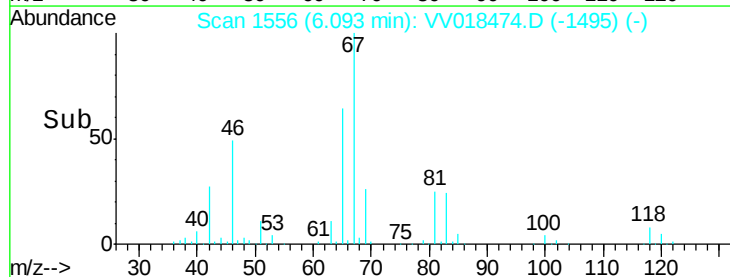
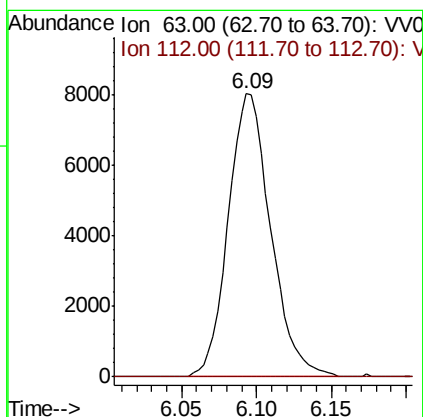
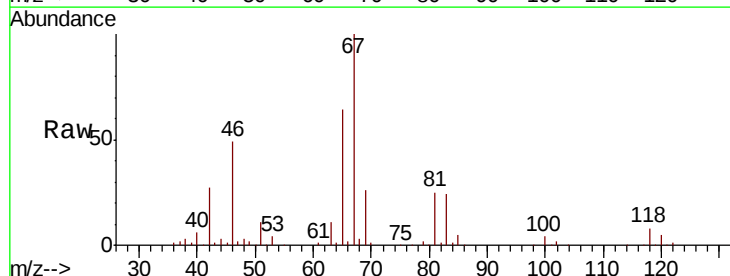
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MSVOA_V
ClientSampleId :
E0AA8

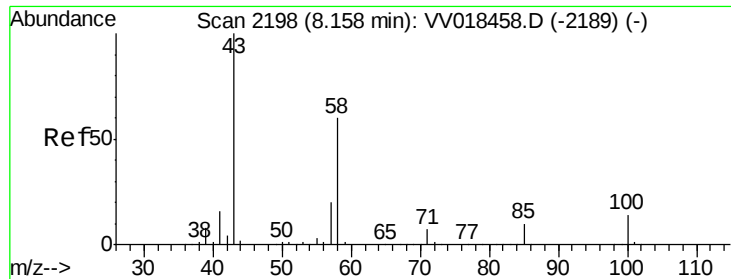
Tot Ion: 83 Resp: 34778
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.904 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018474.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 63 Resp: 15870
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

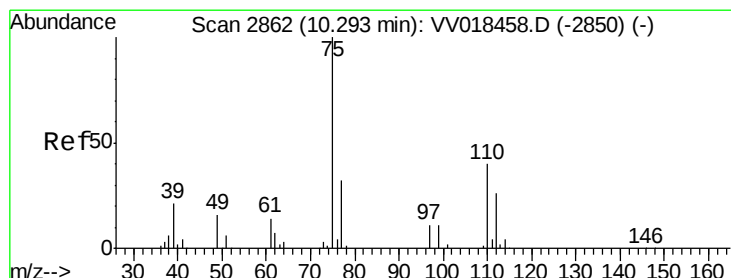
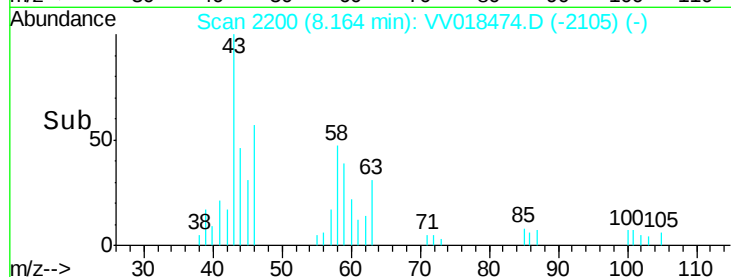
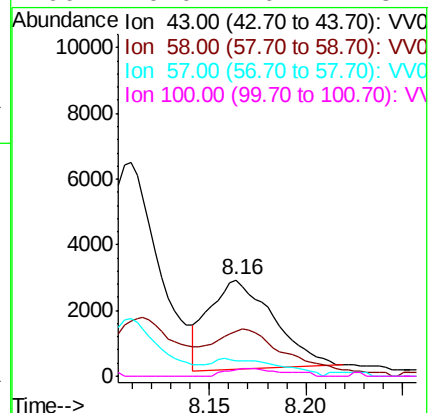
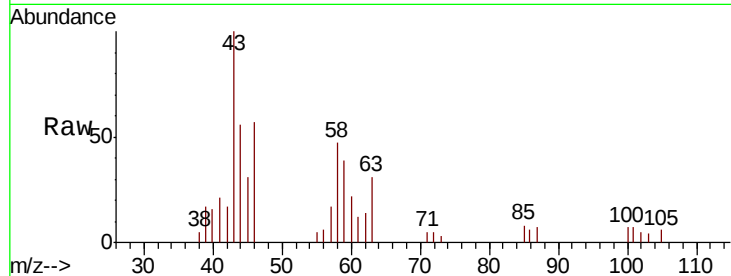




#48
2-Hexanone
Concen: 2.490 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018474.D
Acq: 25 Sep 2020 22:18

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MSVOA_V
ClientSampleId :
E0AA8

Tot Ion: 43 Resp: 6401
Ion Ratio Lower Upper
43 100
58 54.8 44.8 67.2
57 2.3 15.8 23.6#
100 6.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.287 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018474.D
Acq: 25 Sep 2020 22:18

Tgt Ion: 75 Resp: 19877
Ion Ratio Lower Upper
75 100
77 36.0 25.8 38.6

