

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018473.D
 Acq On : 25 Sep 2020 21:55
 Operator : SY/MD
 Sample : L4117-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7

Quant Time: Sep 26 02:57:37 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	372949	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125101	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.58	69	105690	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	177390	31.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.64%
21) 2-Butanone-d5	3.92	46	159829	85.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.91%
24) Chloroform-d	4.38	84	222433	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.06	65	145288	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
32) Benzene-d6	5.08	84	466275	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
36) 1,2-Dichloropropane-d6	6.09	67	148758	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.34	98	419425	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.64	79	70356	41.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.98%
47) 2-Hexanone-d5	8.11	63	101977	81.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185146	44.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	175762	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

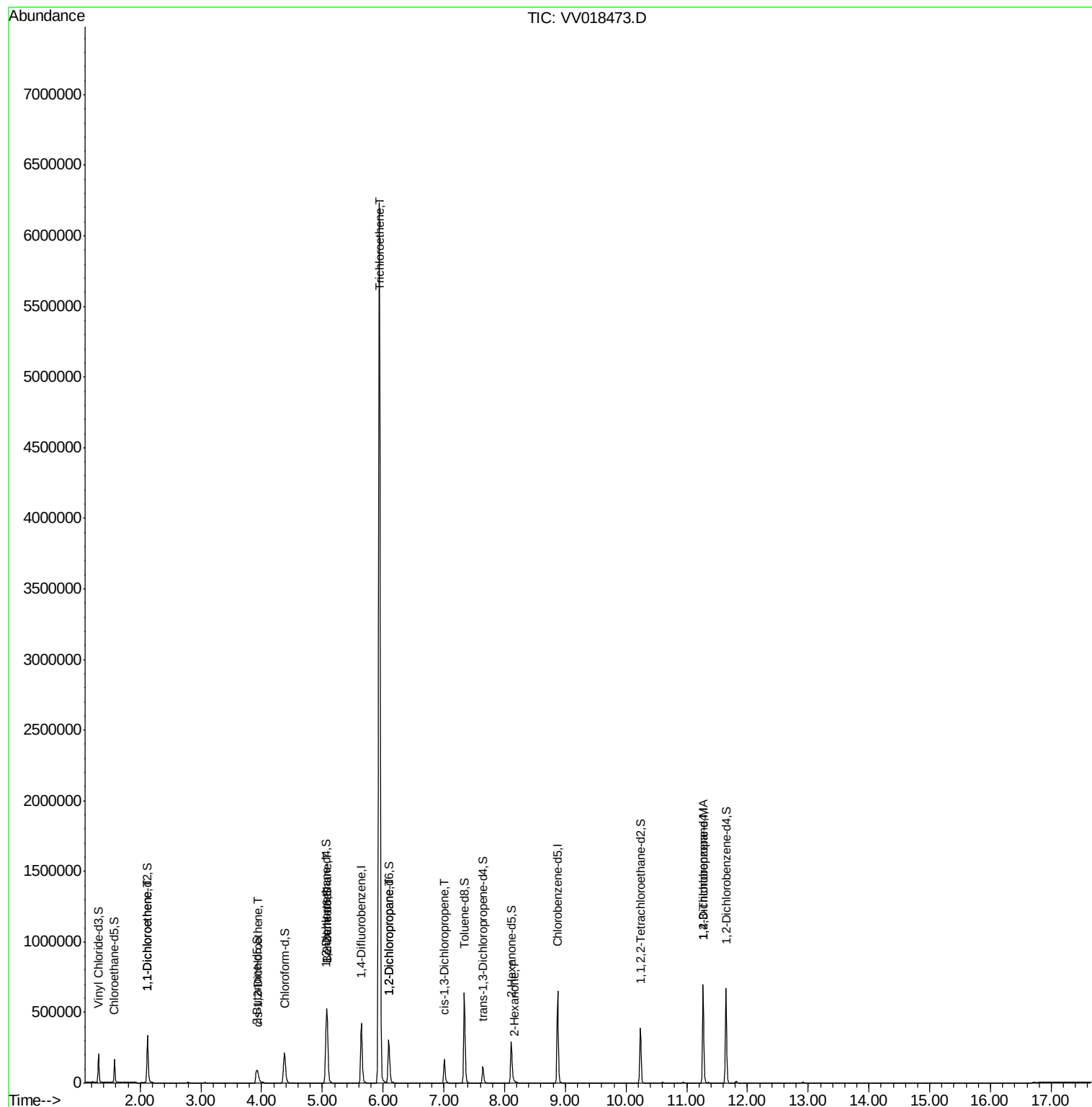
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3041	1.242 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	8008	2.968 ug/L	96
27) 1,2-Dichloroethane	5.07	62	2689	0.716 ug/L	99
34) Trichloroethene	5.94	95	2164662	766.622 ug/L	98
37) 1,2-Dichloropropane	6.09	63	15760	5.738 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3760	0.888 ug/L #	50
48) 2-Hexanone	8.16	43	6478	2.466 ug/L #	40
59) 1,2,3-Trichloropropane	11.27	75	20526	6.354 ug/L	94

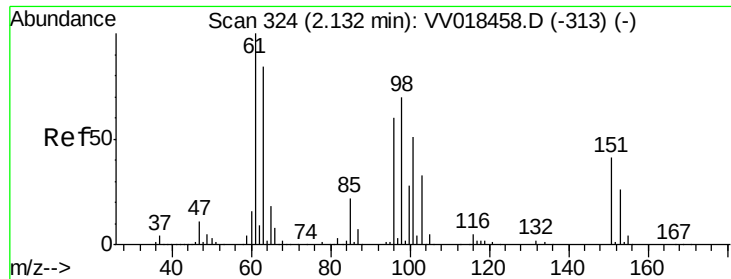
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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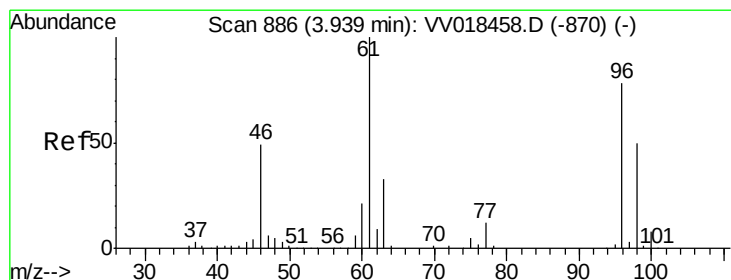
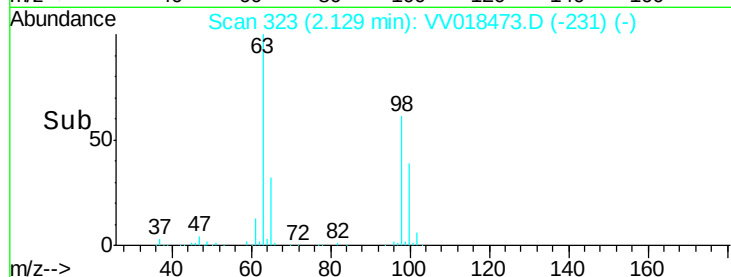
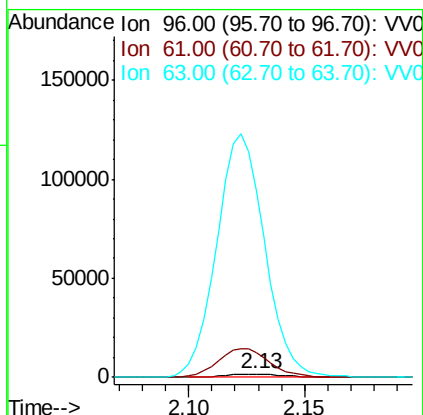
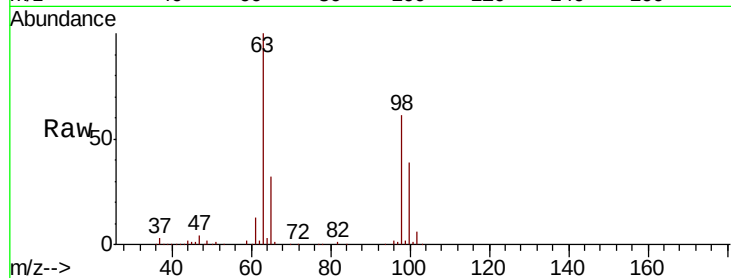




#12
 1,1-Dichloroethene
 Concen: 1.242 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

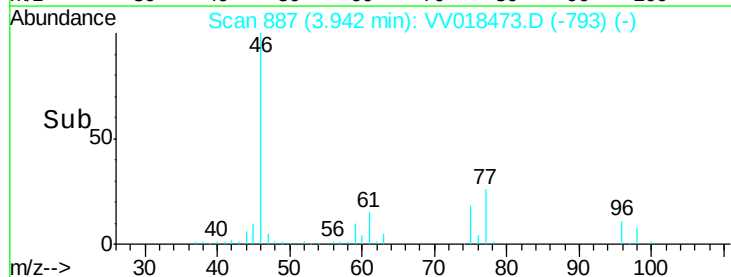
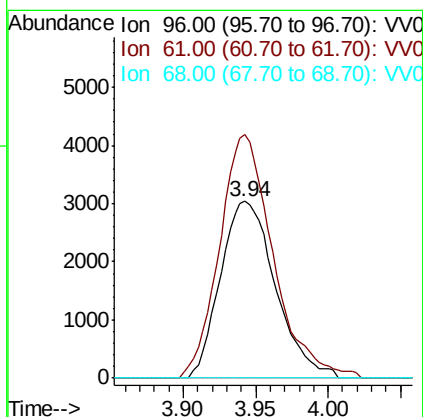
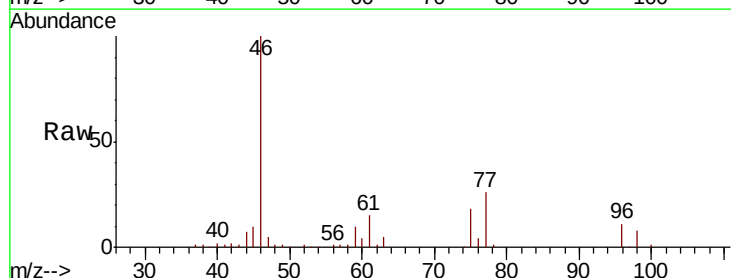
Instrument :
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 ClientSampleId :
 E0AA7

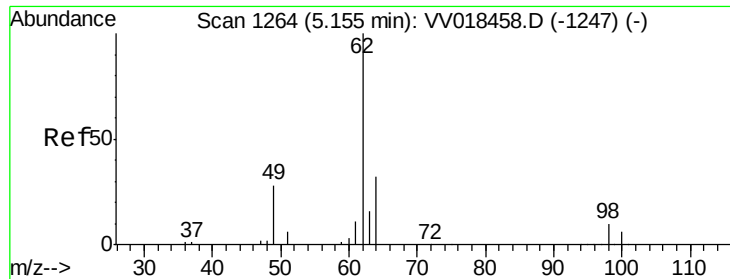
Tot Ion: 96 Resp: 3041
 Ion Ratio Lower Upper
 96 100
 61 682.4 122.9 228.3#
 63 5187.7 91.9 170.7#



#20
 cis-1,2-Dichloroethene
 Concen: 2.968 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

Tgt Ion: 96 Resp: 8008
 Ion Ratio Lower Upper
 96 100
 61 138.0 93.6 173.8
 68 0.0 0.0 0.0

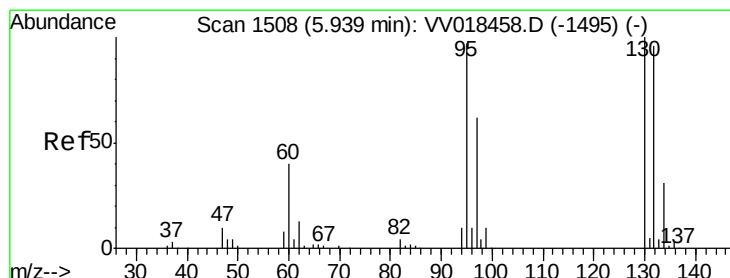
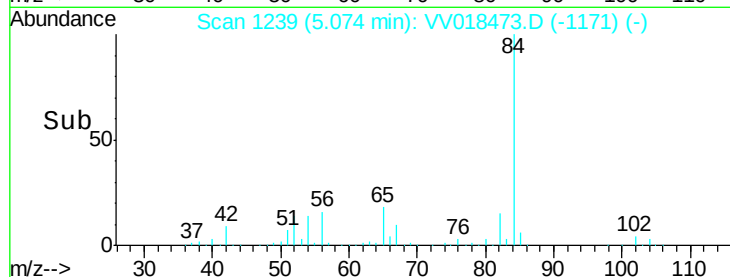
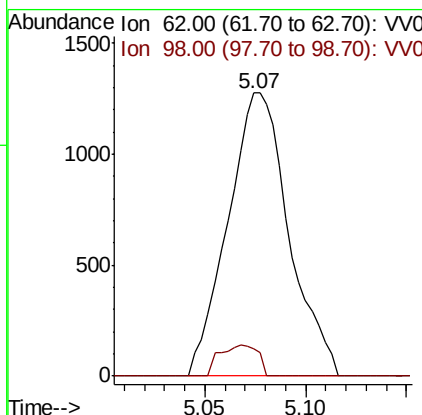
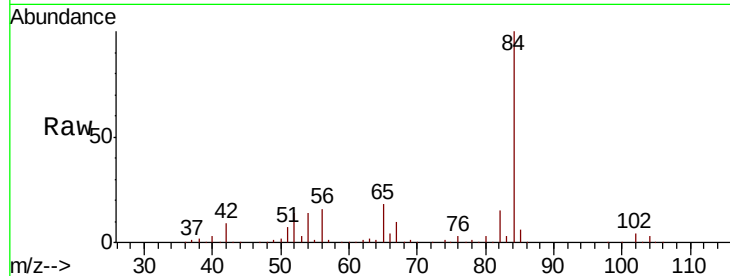




#27
 1,2-Dichloroethane
 Concen: 0.716 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

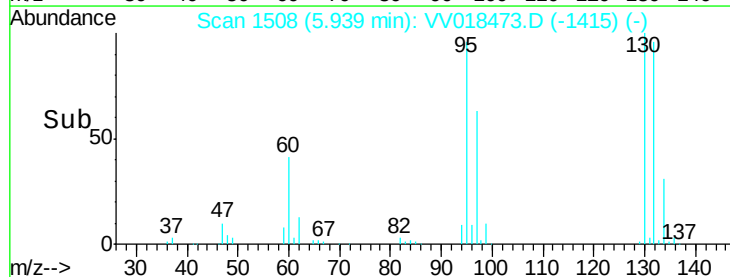
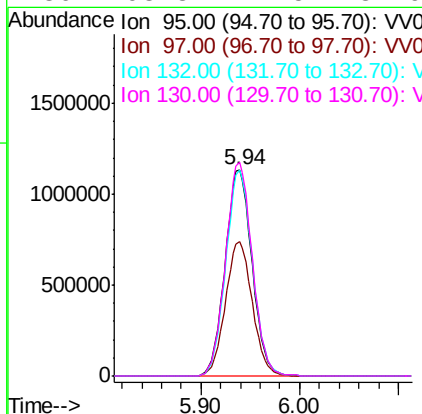
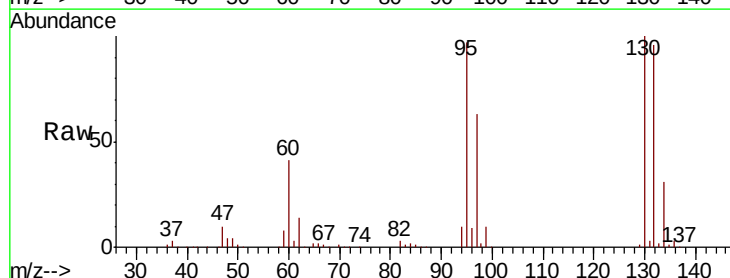
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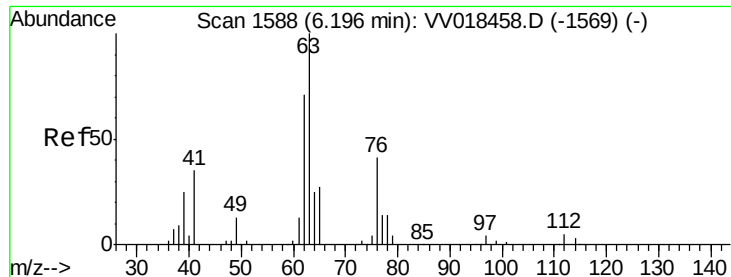
Tot Ion: 62 Resp: 2689
 Ion Ratio Lower Upper
 62 100
 98 9.8 7.6 11.4



#34
 Trichloroethene
 Concen: 766.622 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

Tgt Ion: 95 Resp: 2164662
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.3 85.9
 132 99.7 68.1 126.5
 130 103.3 71.5 132.9

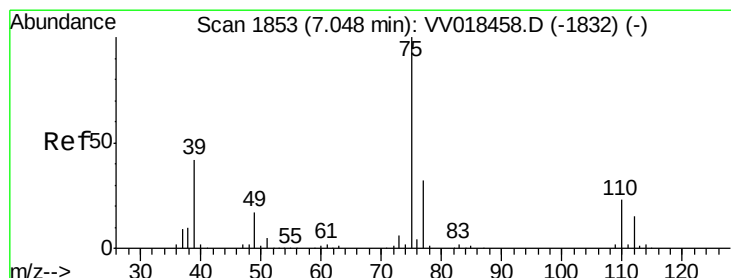
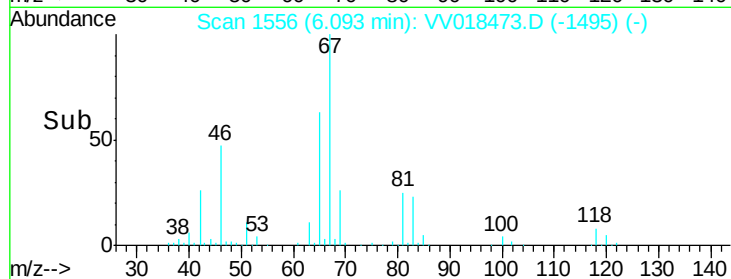
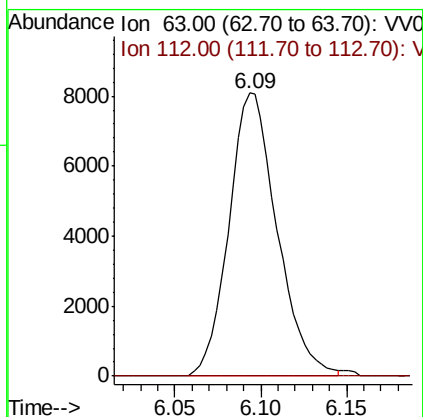
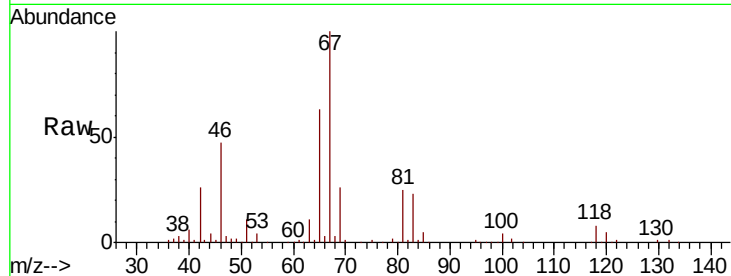




#37
 1,2-Dichloropropane
 Concen: 5.738 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

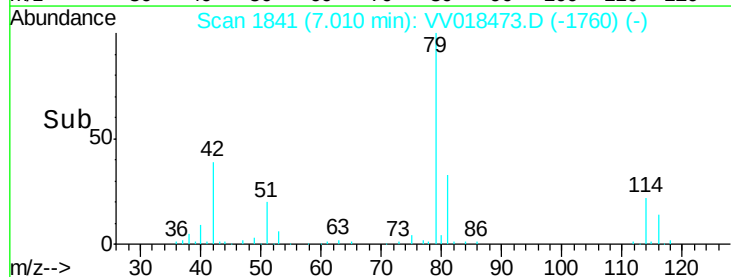
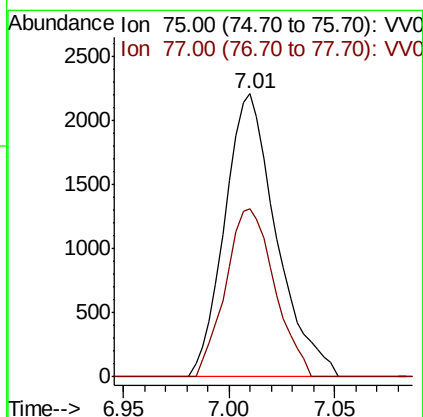
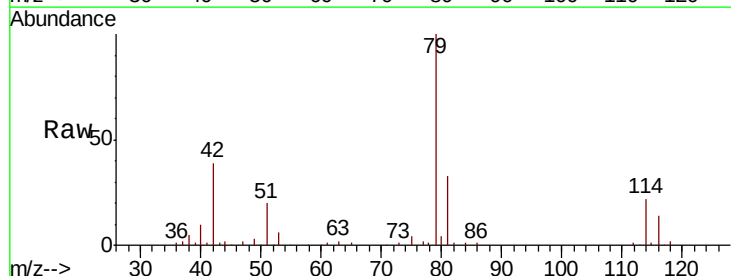
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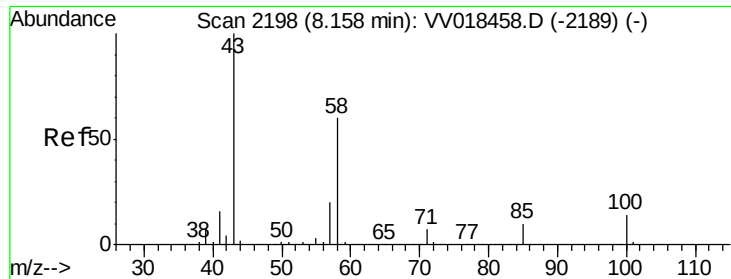
Tot Ion: 63 Resp: 15760
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.888 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018473.D
 Acq: 25 Sep 2020 21:55

Tgt Ion: 75 Resp: 3760
 Ion Ratio Lower Upper
 75 100
 77 59.3 22.3 41.3#

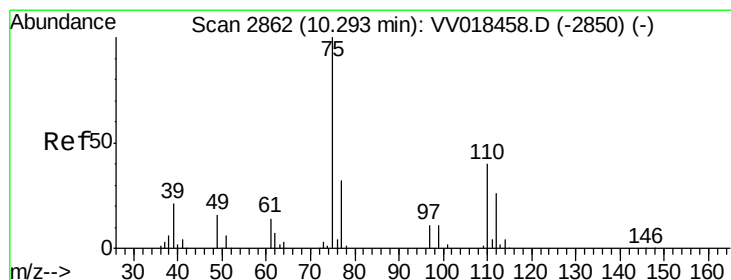
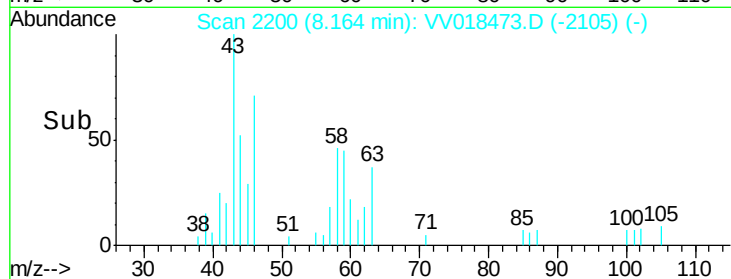
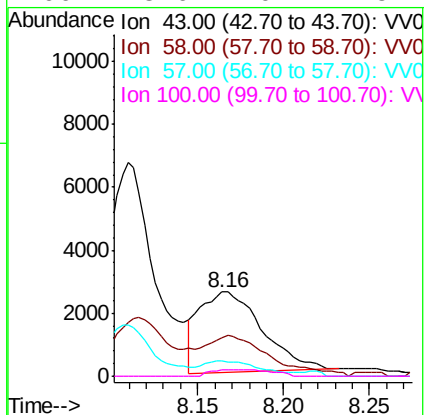
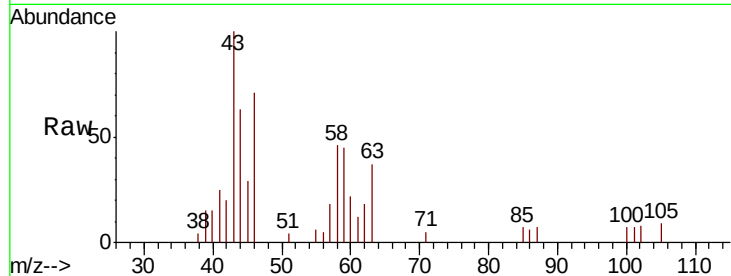




#48
2-Hexanone
Concen: 2.466 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018473.D
Acq: 25 Sep 2020 21:55

Instrument :
MSVOA_V
ClientSampleId :
E0AA7

Tot Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
58 0.0 44.8 67.2#
57 2.4 15.8 23.6#
100 3.6 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.354 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018473.D
Acq: 25 Sep 2020 21:55

Tgt Ion: 75 Resp: 20526
Ion Ratio Lower Upper
75 100
77 35.5 25.8 38.6

