

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018493.D
 Acq On : 28 Sep 2020 14:57
 Operator : SY/MD
 Sample : L4117-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC9

Quant Time: Sep 29 00:52:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342952	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116959	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.70%
7) Chloroethane-d5	1.58	69	99089	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.12	63	166334	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
21) 2-Butanone-d5	3.91	46	164490	96.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.15%
24) Chloroform-d	4.38	84	209178	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.06	65	137923	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
32) Benzene-d6	5.08	84	434236	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.09	67	139088	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.66%
41) Toluene-d8	7.34	98	386029	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	7.64	79	67895	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.11	63	89422	77.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155585	40.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	166646	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

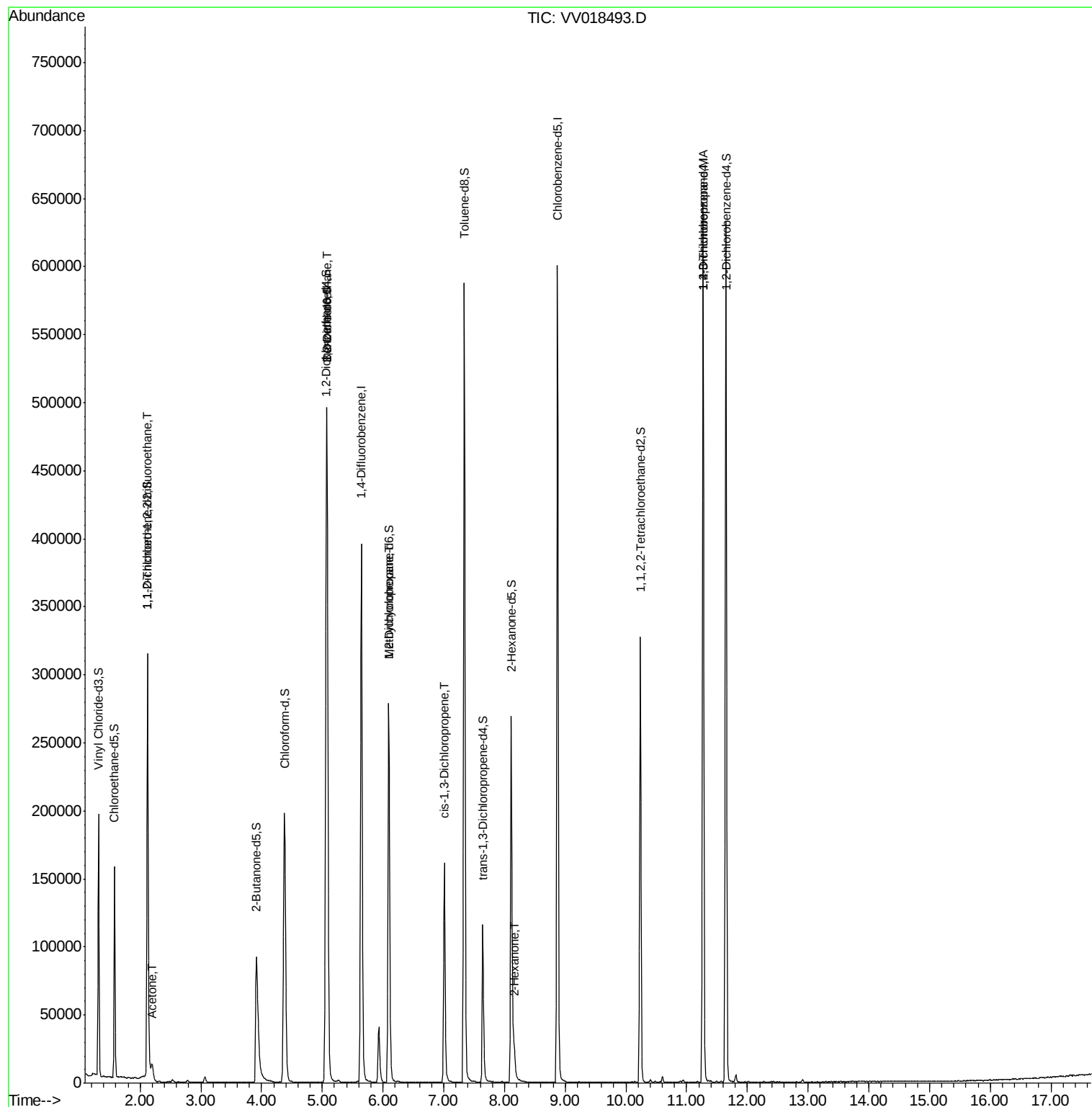
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1564	0.676 ug/L #	19
13) Acetone	2.20	43	17261	12.601 ug/L	100
27) 1,2-Dichloroethane	5.07	62	2372	0.687 ug/L	97
35) Methylcyclohexane	6.10	83	32689	8.355 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3745	0.962 ug/L #	69
48) 2-Hexanone	8.16	43	13502	5.585 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	18360	6.175 ug/L	91

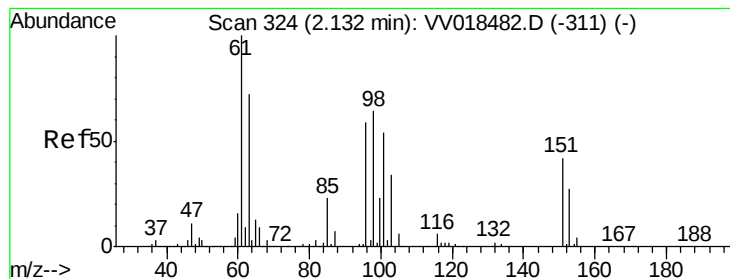
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.676 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018493.D

Acq: 28 Sep 2020 14:57

Instrument :

MSVOA_V

ClientSampleId :

E0AC9

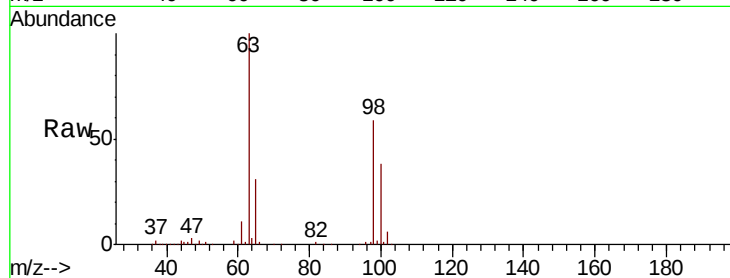
Tot Ion:101 Resp: 1564

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

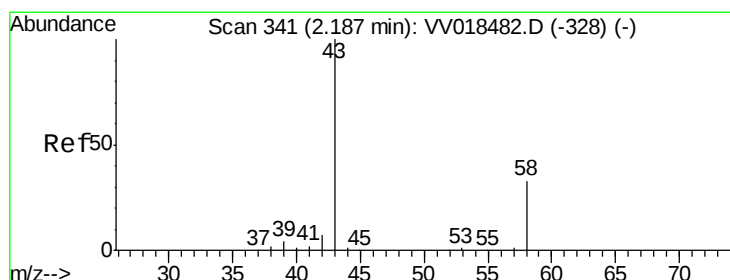
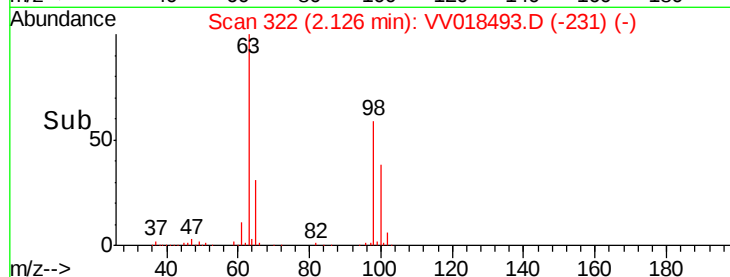
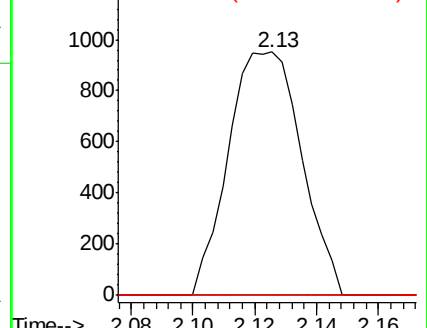
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 12.601 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV018493.D

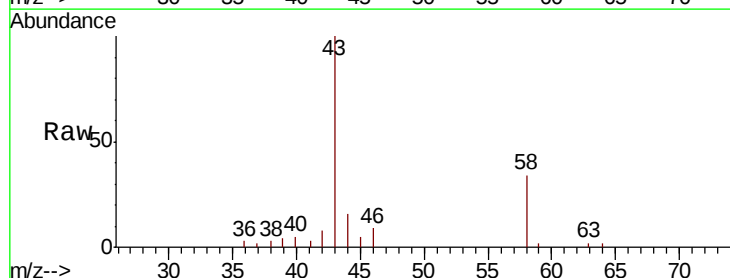
Acq: 28 Sep 2020 14:57

Tgt Ion: 43 Resp: 17261

Ion Ratio Lower Upper

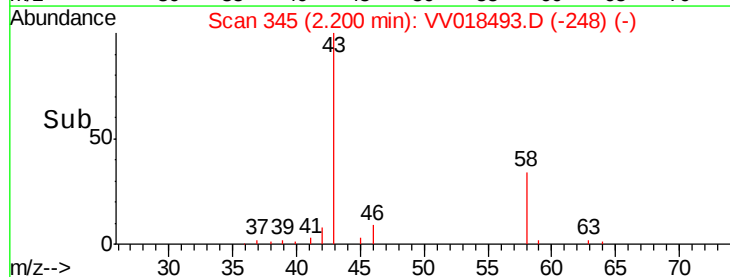
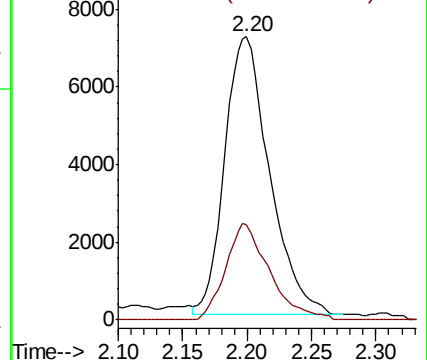
43 100

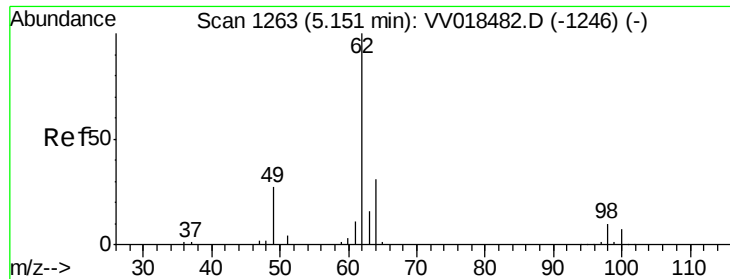
58 33.8 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

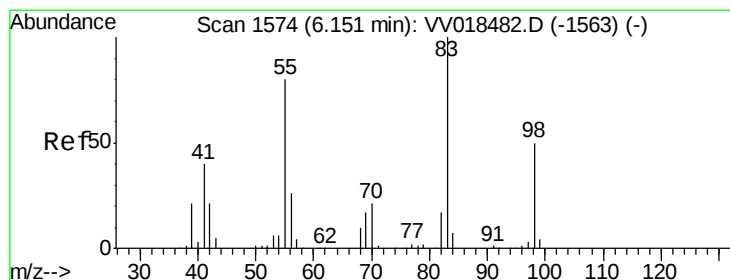
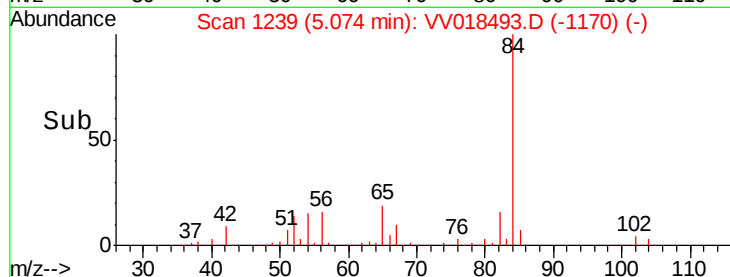
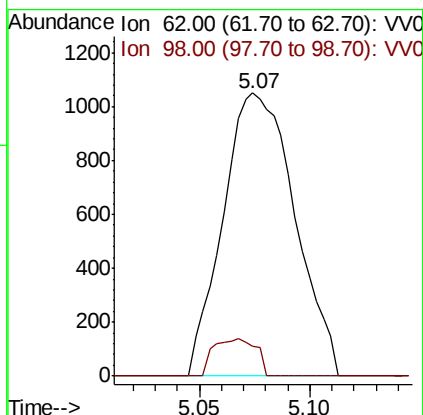
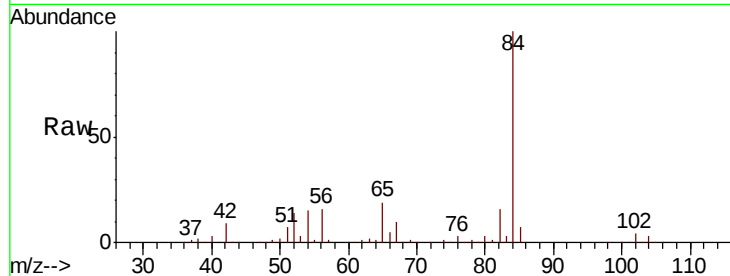




#27
 1,2-Dichloroethane
 Concen: 0.687 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018493.D
 Acq: 28 Sep 2020 14:57

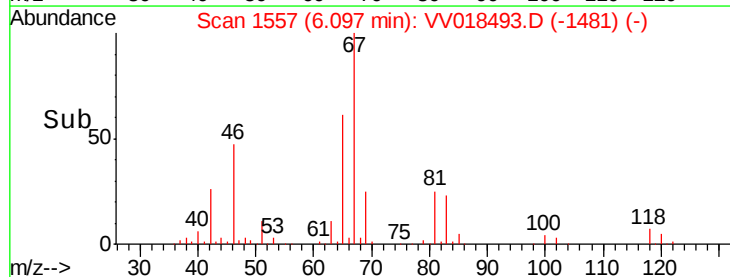
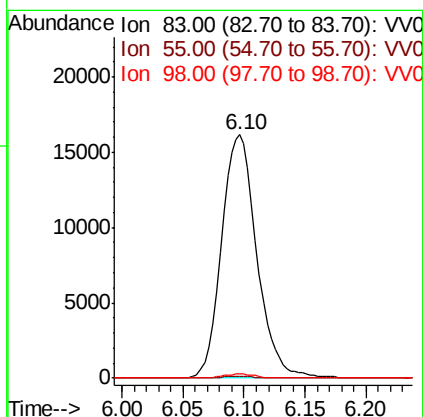
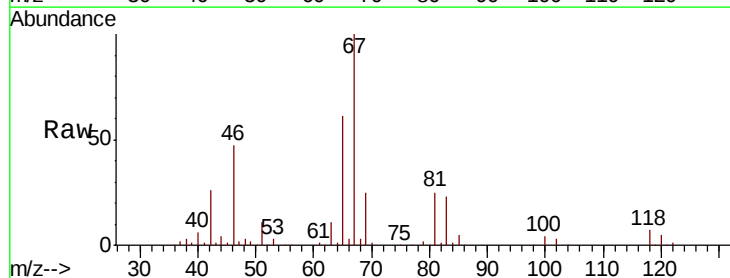
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 MSVOA_V
 ClientSampleId :
 E0AC9

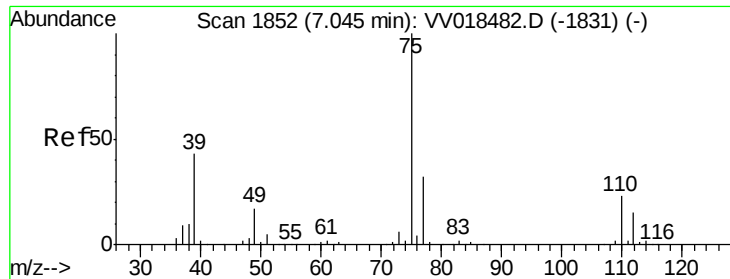
Tot Ion: 62 Resp: 2372
 Ion Ratio Lower Upper
 62 100
 98 10.6 7.6 11.4



#35
 Methylcyclohexane
 Concen: 8.355 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV018493.D
 Acq: 28 Sep 2020 14:57

Tgt Ion: 83 Resp: 32689
 Ion Ratio Lower Upper
 83 100
 55 0.6 63.4 95.2#
 98 1.5 38.8 58.2#

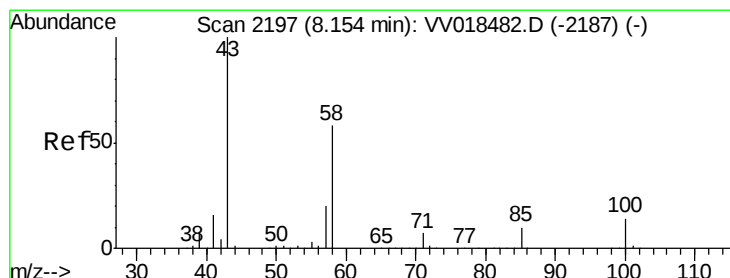
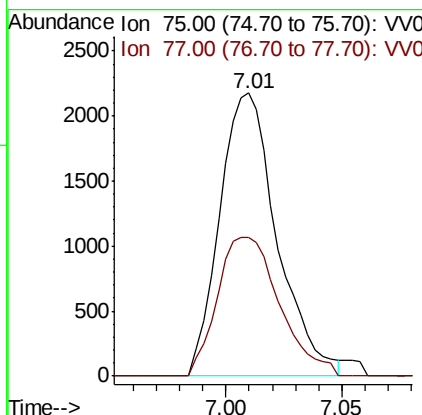
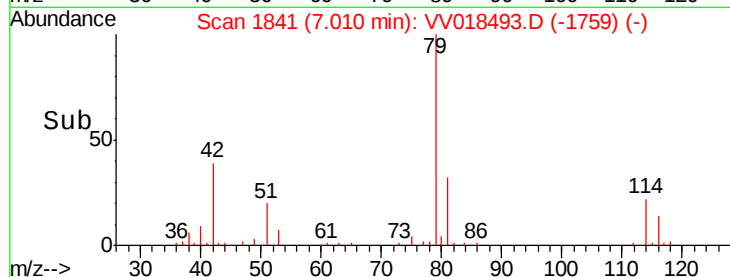
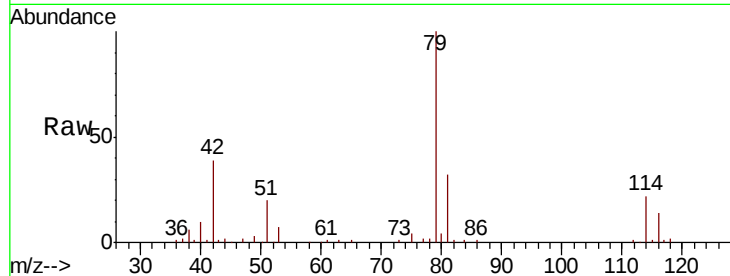




#39
 cis-1,3-Dichloropropene
 Concen: 0.962 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018493.D
 Acq: 28 Sep 2020 14:57

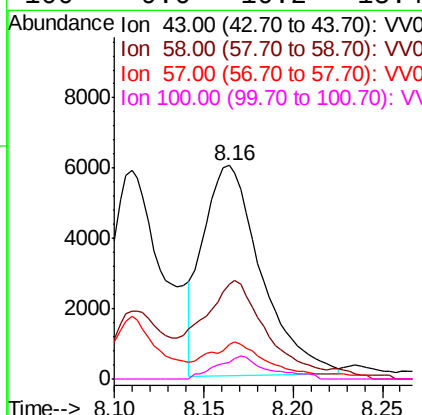
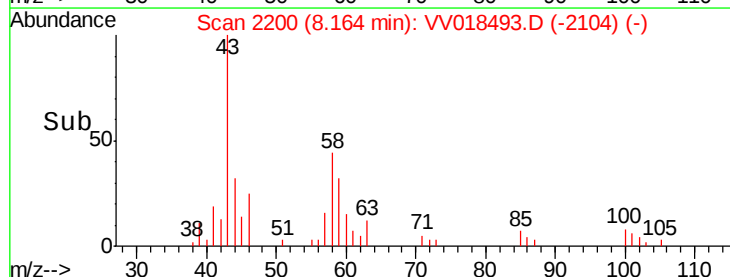
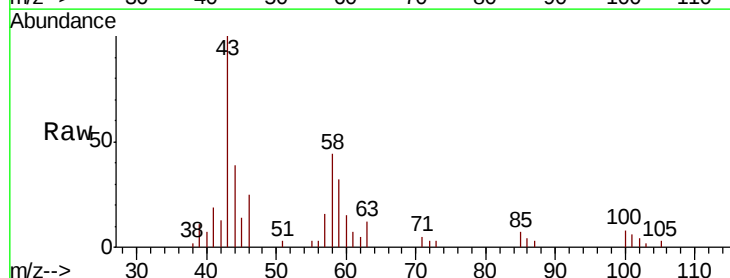
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 MSVOA_V
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 E0AC9

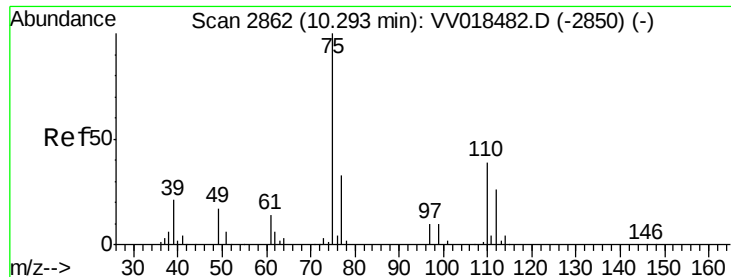
Tot Ion: 75 Resp: 3745
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.585 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018493.D
 Acq: 28 Sep 2020 14:57

Tgt Ion: 43 Resp: 13502
 Ion Ratio Lower Upper
 43 100
 58 45.8 44.8 67.2
 57 10.9 15.8 23.6#
 100 9.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.175 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018493.D

Acq: 28 Sep 2020 14:57

Instrument :

MSVOA_V

ClientSampleId :

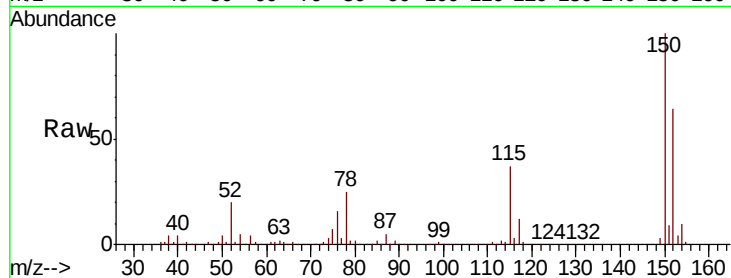
E0AC9

Tot Ion: 75 Resp: 18360

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

