

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018855.D
 Acq On : 12 Oct 2020 14:43
 Operator : SY/MD
 Sample : L4289-03RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Quant Time: Oct 13 01:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	297031	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141734	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.04%
7) Chloroethane-d5	1.58	69	112321	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	203970	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
21) 2-Butanone-d5	3.90	46	163594	98.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.37	84	224598	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.05	65	162723	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.07	84	477627	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.09	67	142894	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.86%
41) Toluene-d8	7.33	98	402277	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.64	79	68427	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.11	63	93311	88.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	160331	46.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	161809	53.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.58%

Target Compounds

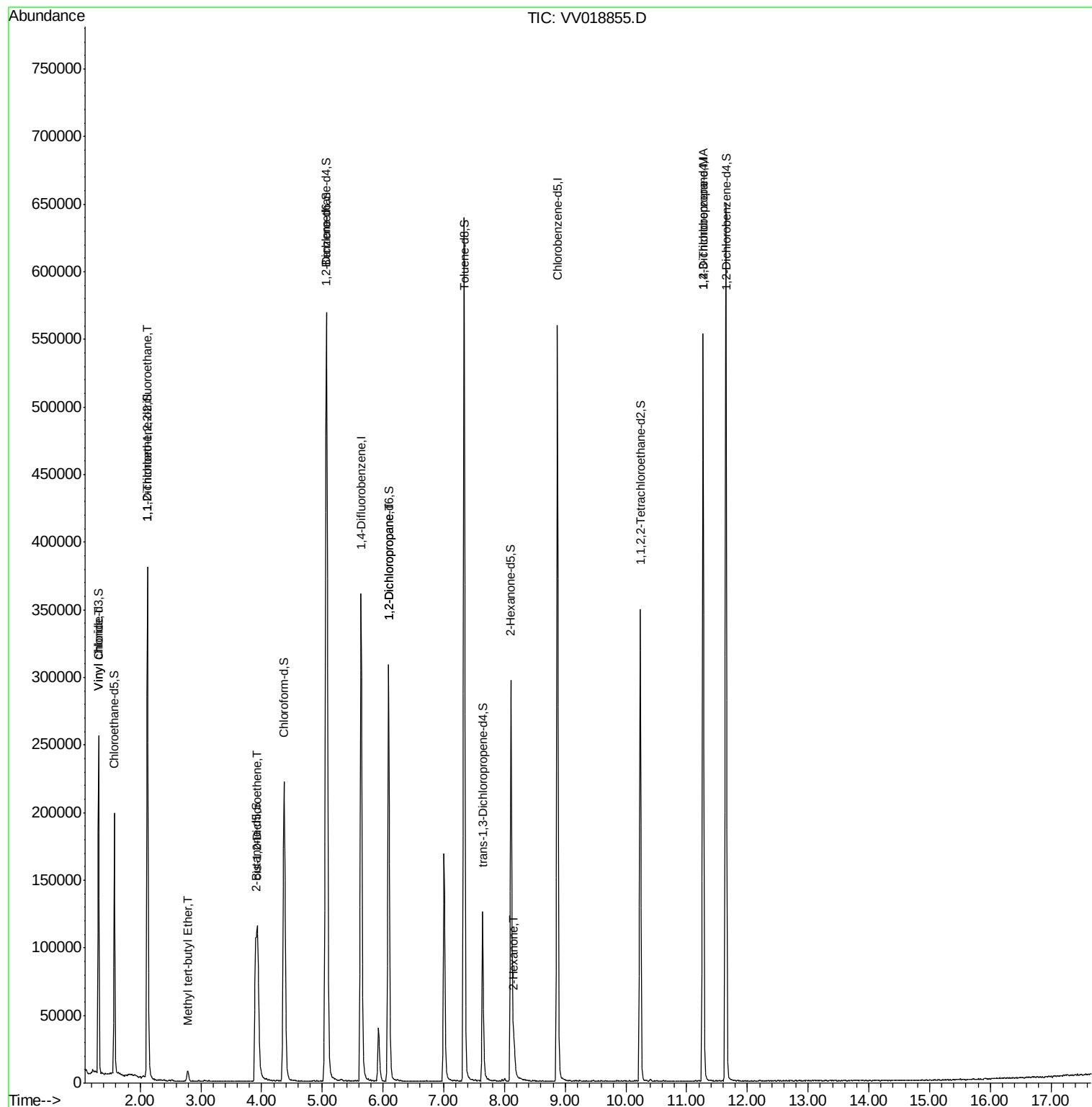
					Ovalue
5) Vinyl chloride	1.32	62	9429	3.595	ug/L # 70
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1777	0.832	ug/L # 19
18) Methyl tert-butyl Ether	2.78	73	6397	0.879	ug/L # 94
20) cis-1,2-Dichloroethene	3.94	96	47499	20.712	ug/L 99
37) 1,2-Dichloropropane	6.09	63	17080	6.827	ug/L # 87
48) 2-Hexanone	8.16	43	16034	6.247	ug/L # 83
59) 1,2,3-Trichloropropane	11.27	75	16809	5.647	ug/L 93

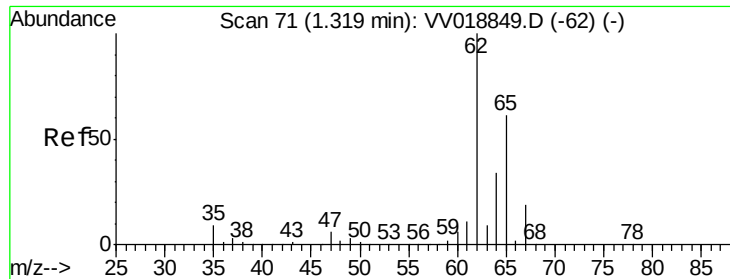
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 13 01:02:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.595 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018855.D

Acq: 12 Oct 2020 14:43

Instrument :

MSVOA_V

ClientSampled :

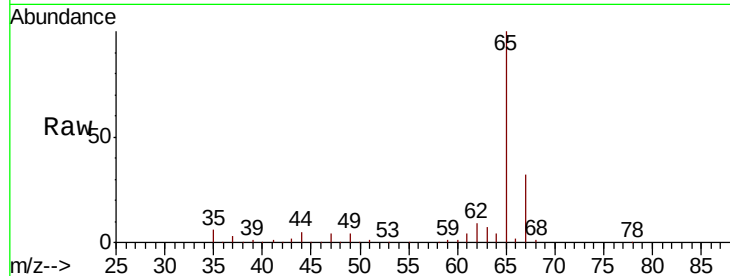
C0AB6

Tot Ion: 62 Resp: 9429

Ion Ratio Lower Upper

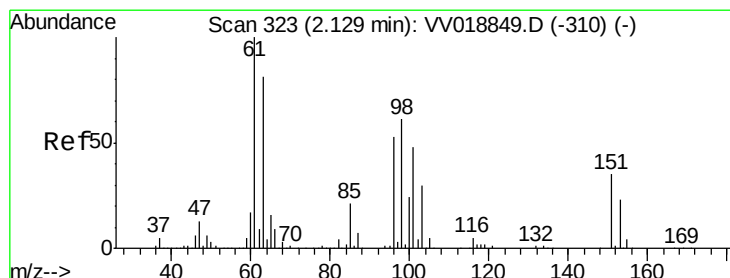
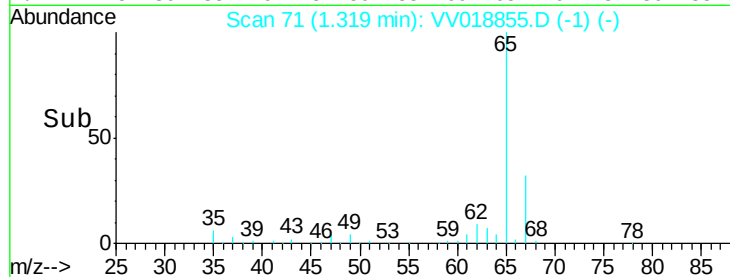
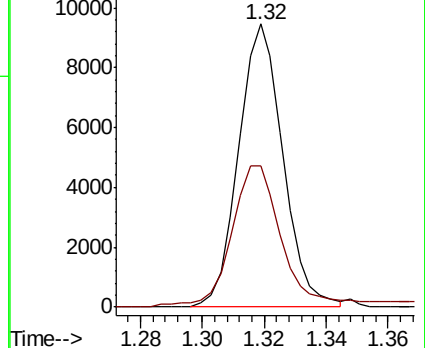
62 100

64 50.1 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 0.832 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018855.D

Acq: 12 Oct 2020 14:43

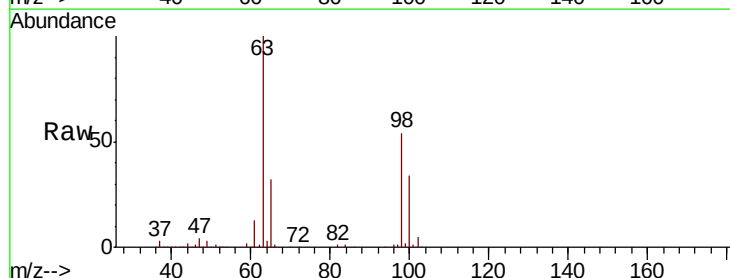
Tgt Ion: 101 Resp: 1777

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

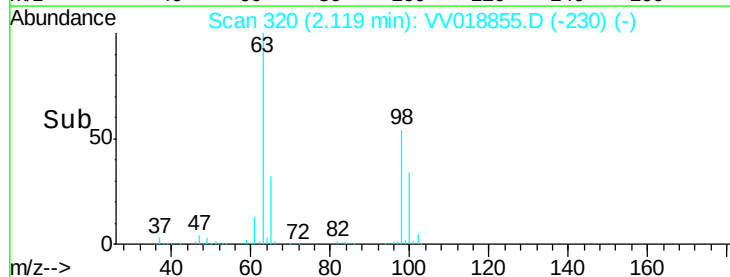
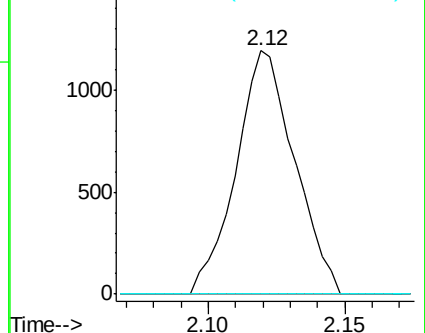
151 0.0 59.8 89.8#

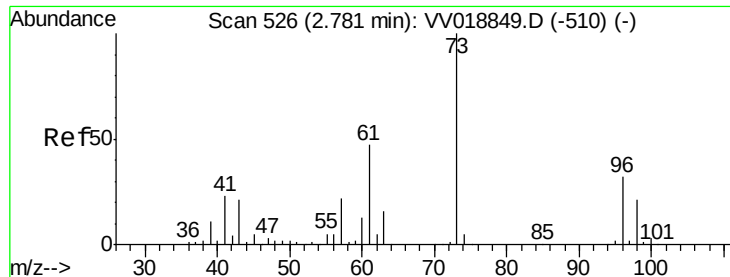


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

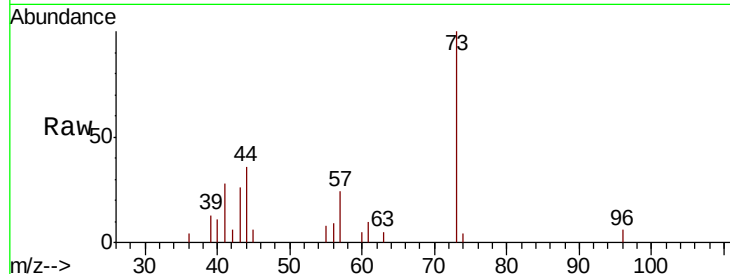




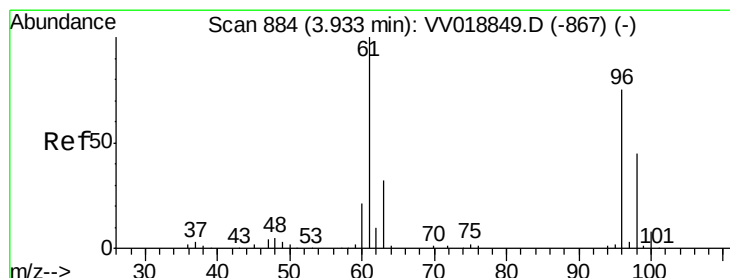
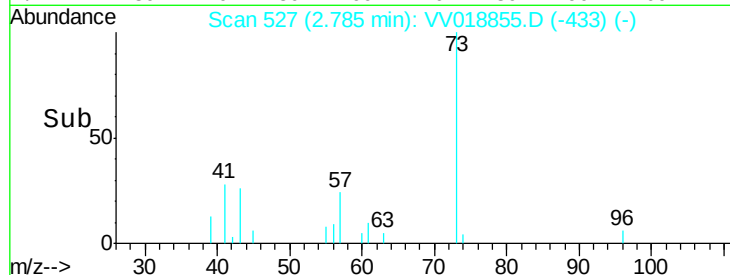
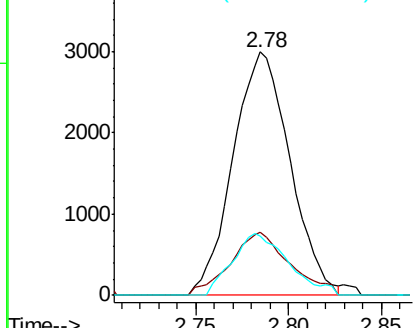
#18
Methyl tert-butyl Ether
Concen: 0.879 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018855.D
Acq: 12 Oct 2020 14:43

Instrument :
MSVOA_V
ClientSampleId :
C0AB6

Tot Ion: 73 Resp: 6397
Ion Ratio Lower Upper
73 100
43 26.4 17.3 25.9#
57 24.2 18.5 27.7

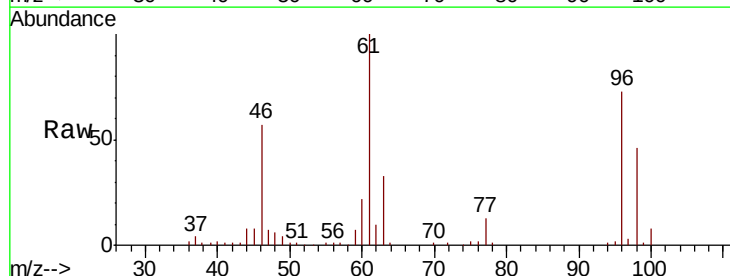


Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

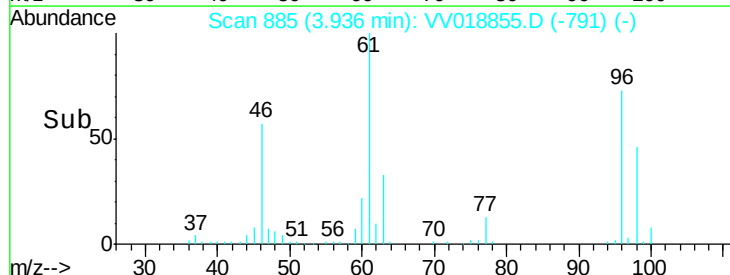
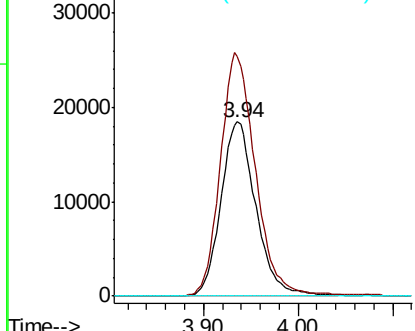


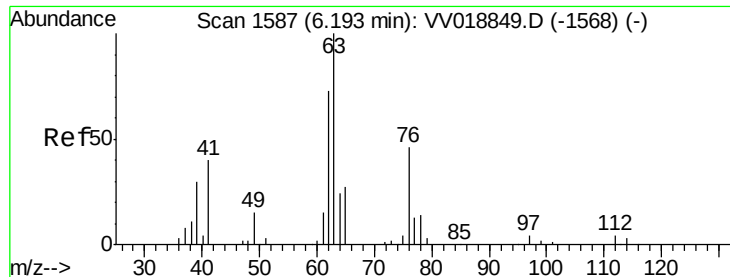
#20
cis-1,2-Dichloroethene
Concen: 20.712 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV018855.D
Acq: 12 Oct 2020 14:43

Tgt Ion: 96 Resp: 47499
Ion Ratio Lower Upper
96 100
61 137.8 97.3 180.7
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

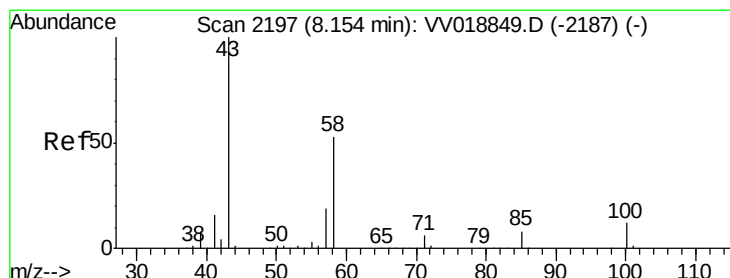
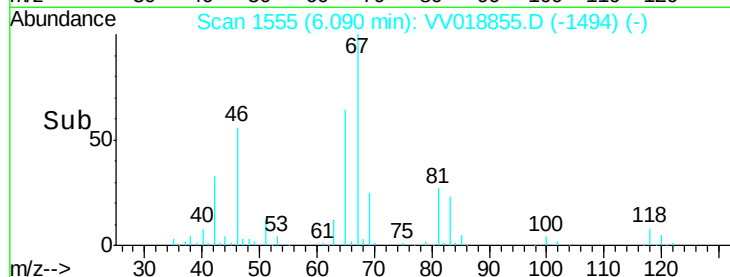
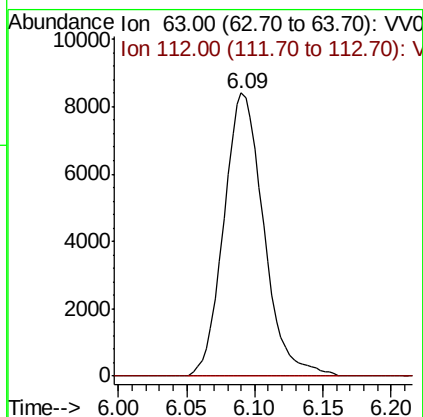
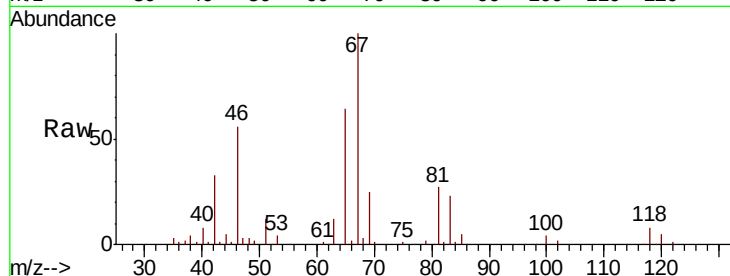




#37
 1,2-Dichloropropane
 Concen: 6.827 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV018855.D
 Acq: 12 Oct 2020 14:43

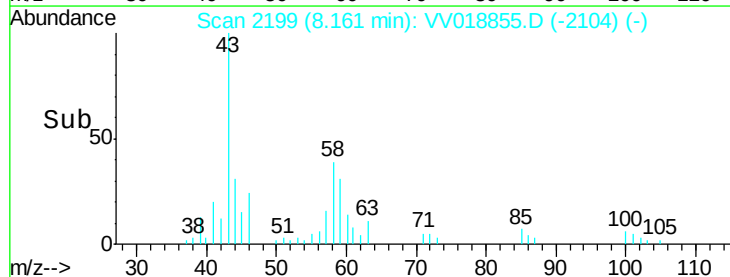
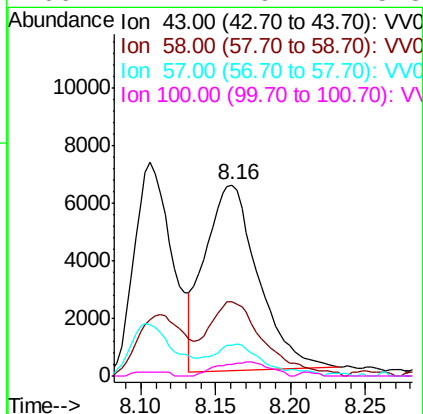
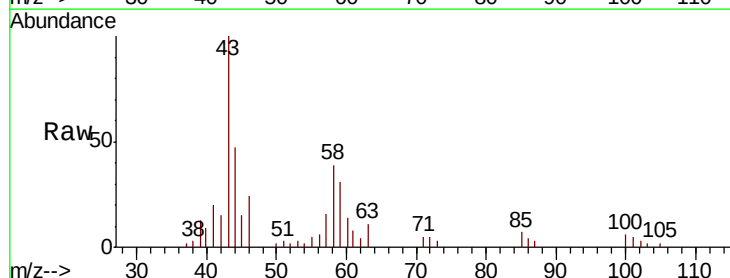
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 MSVOA_V
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 C0AB6

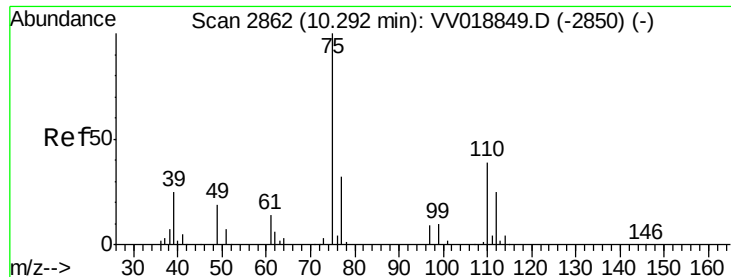
Tot Ion: 63 Resp: 17080
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 6.247 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018855.D
 Acq: 12 Oct 2020 14:43

Tgt Ion: 43 Resp: 16034
 Ion Ratio Lower Upper
 43 100
 58 40.3 41.8 62.8#
 57 10.0 14.9 22.3#
 100 7.4 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.647 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018855.D

Acq: 12 Oct 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

Tot Ion: 75 Resp: 16809

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

