

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018182.D
 Acq On : 10 Sep 2020 16:19
 Operator : SY/MD
 Sample : VIBLK60
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK60

Quant Time: Sep 11 01:32:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95102	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.58	69	83162	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	138372	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.91	46	131023	95.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.12%
24) Chloroform-d	4.38	84	175068	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.06	65	120079	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.08	84	360918	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
36) 1,2-Dichloropropane-d6	6.09	67	116964	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.34	98	320912	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.64	79	54902	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.11	63	82197	87.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142941	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	139310	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

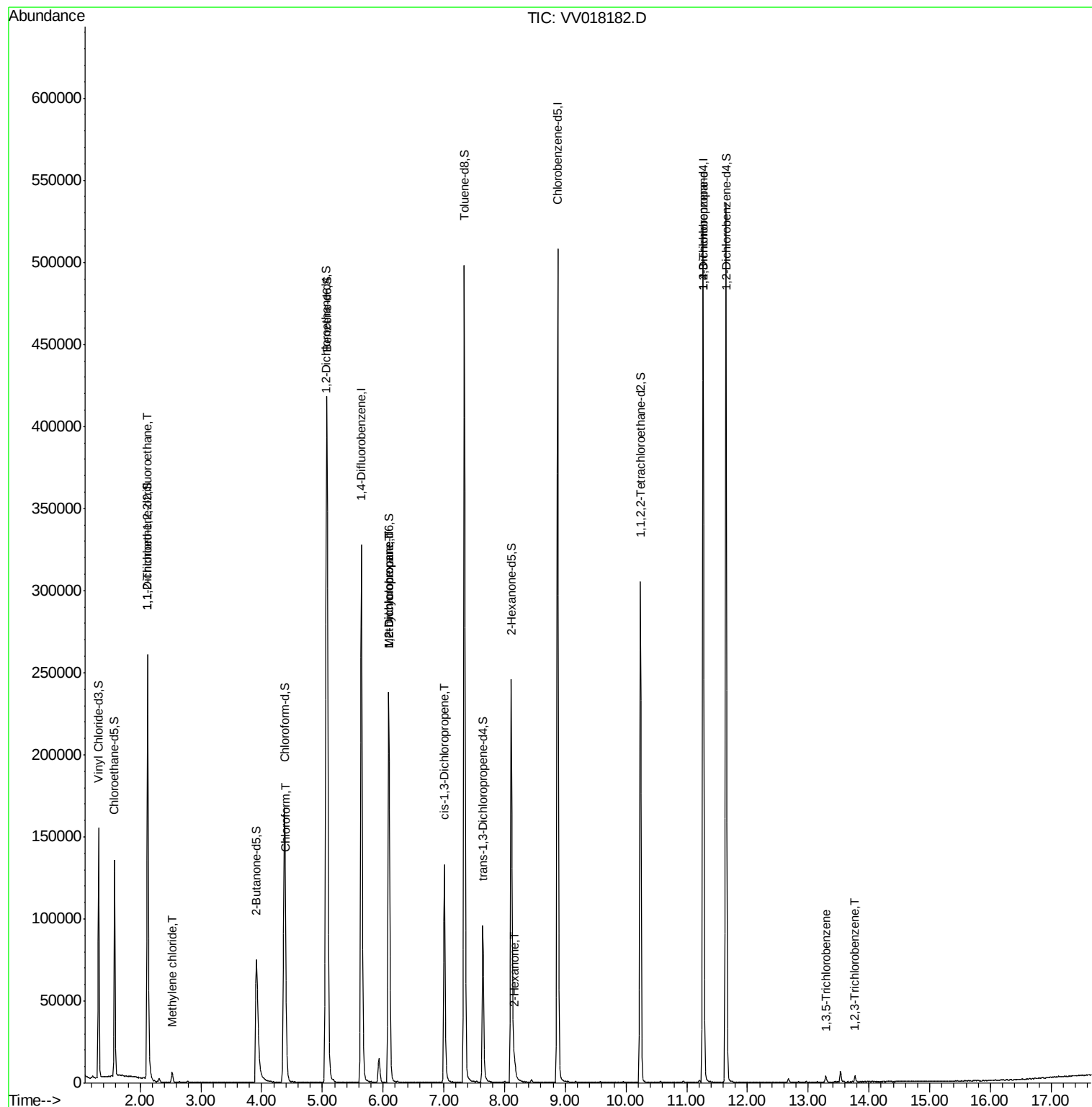
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1430	0.767 ug/L #	19
16) Methylene chloride	2.53	84	2672	1.314 ug/L	96
25) Chloroform	4.40	83	5824	1.622 ug/L	92
35) Methylcyclohexane	6.09	83	27913	8.713 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12591	6.083 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3282	1.029 ug/L #	62
48) 2-Hexanone	8.16	43	5978	3.020 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	15555	6.390 ug/L	92
67) 1,3,5-Trichlorobenzene	13.29	180	1424	0.449 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	1550	0.557 ug/L	97

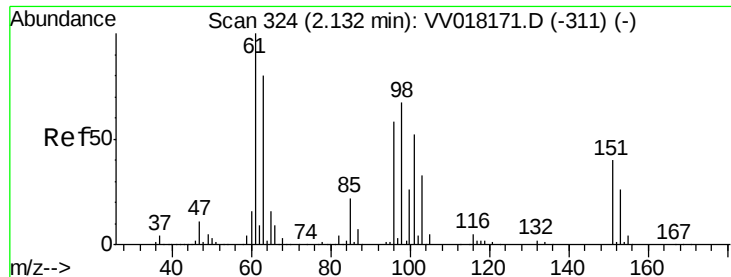
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.767 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018182.D

Acq: 10 Sep 2020 16:19

Instrument :

MSVOA_V

ClientSampleId :

VIBLK60

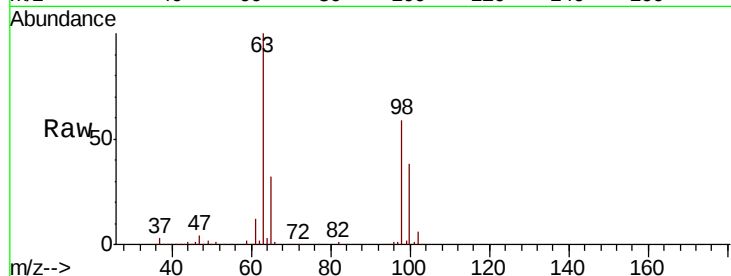
Tot Ion:101 Resp: 1430

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

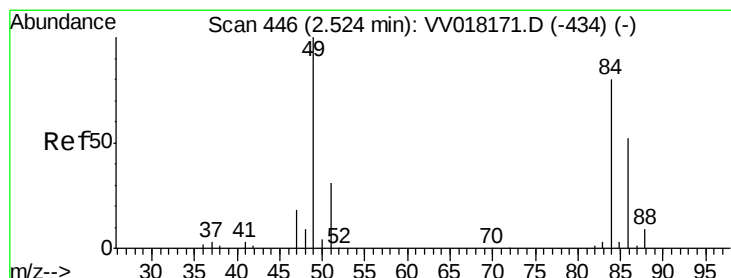
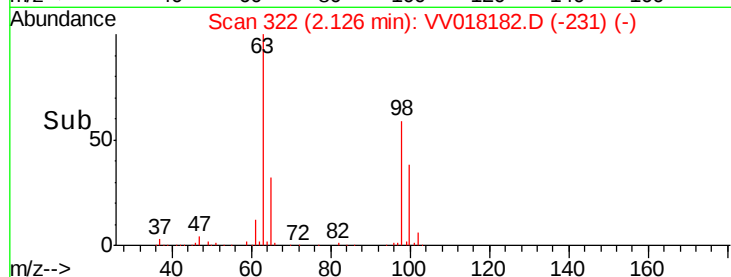
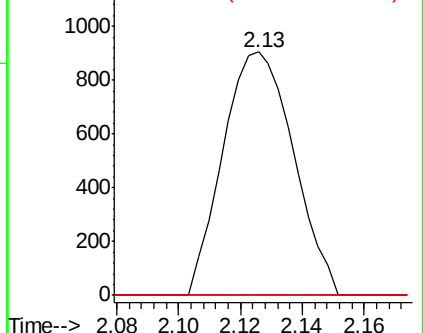
151 0.0 62.2 93.2#



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



#16

Methylene chloride

Concen: 1.314 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV018182.D

Acq: 10 Sep 2020 16:19

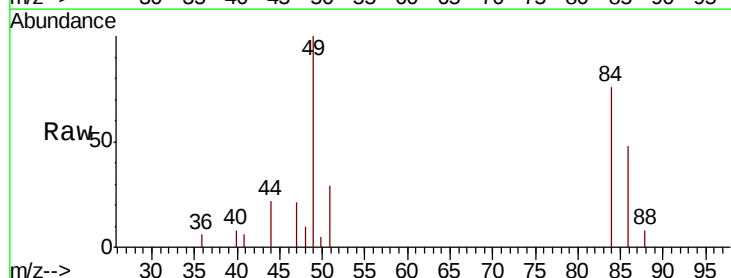
Tgt Ion: 84 Resp: 2672

Ion Ratio Lower Upper

84 100

86 63.4 44.4 82.4

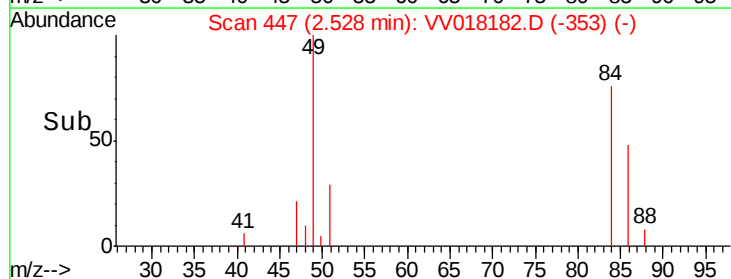
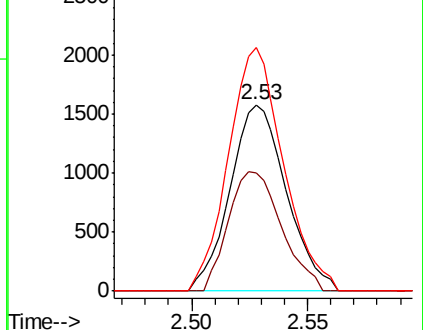
49 130.9 87.2 162.0

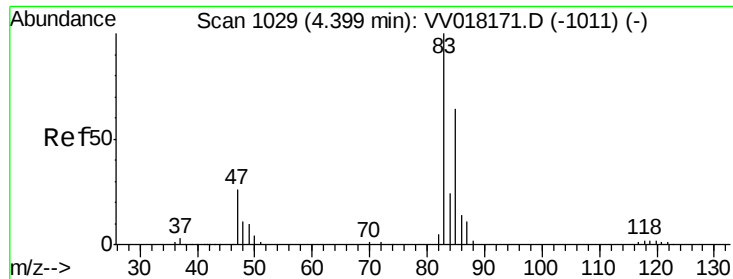


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

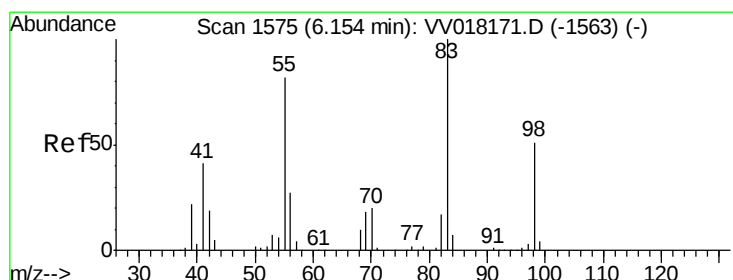
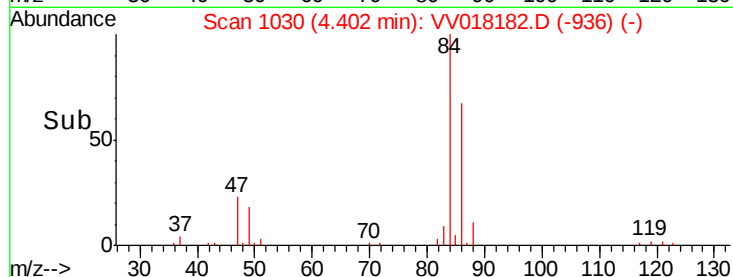
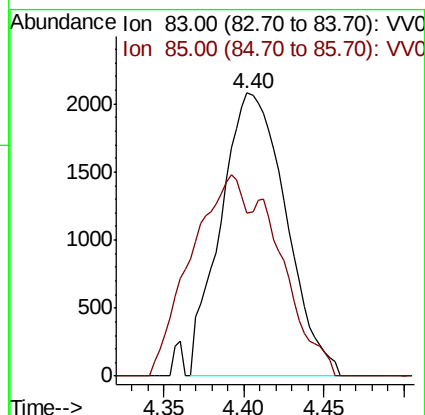
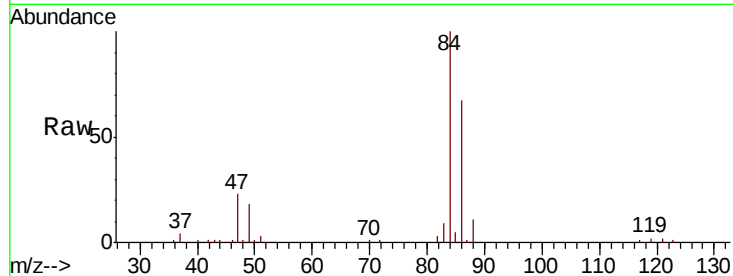




#25
Chloroform
Concen: 1.622 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018182.D
Acq: 10 Sep 2020 16:19

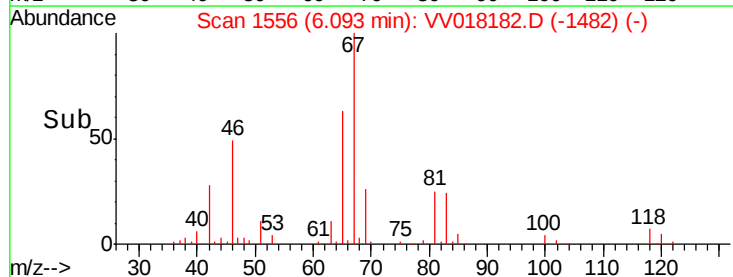
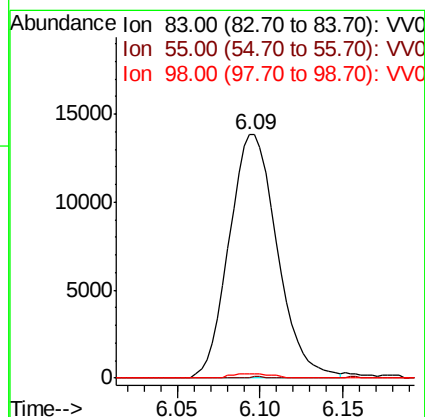
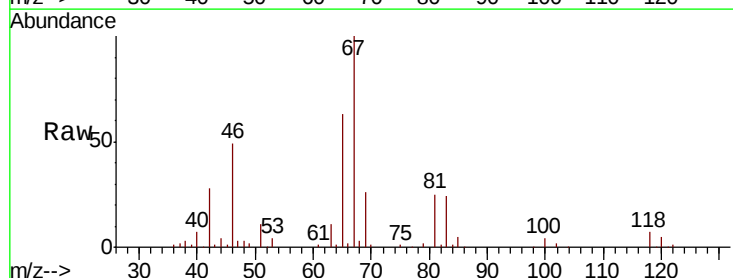
Instrument :
MSVOA_V
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VIBLK60

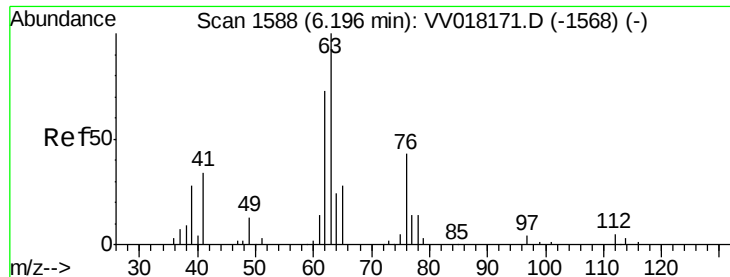
Tot Ion: 83 Resp: 5824
Ion Ratio Lower Upper
83 100
85 57.7 45.0 83.6



#35
Methylcyclohexane
Concen: 8.713 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018182.D
Acq: 10 Sep 2020 16:19

Tgt Ion: 83 Resp: 27913
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 38.8 58.2#

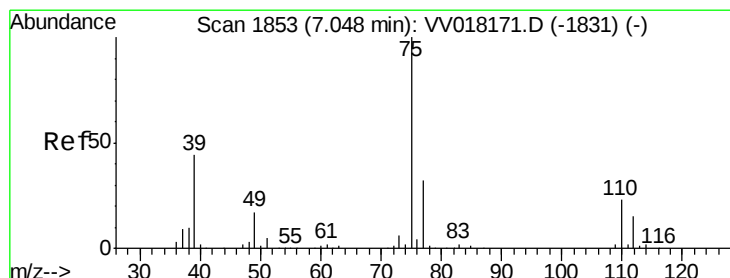
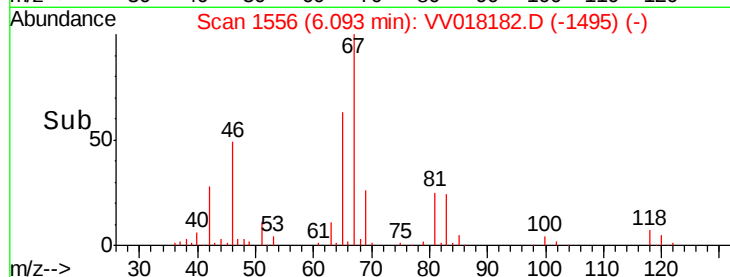
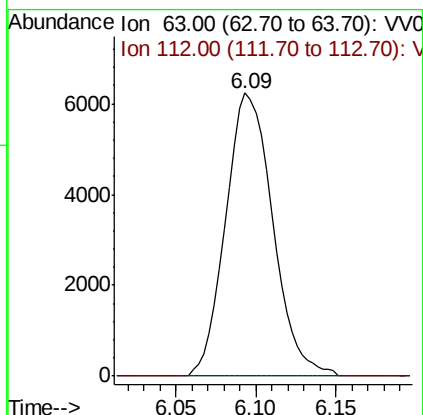
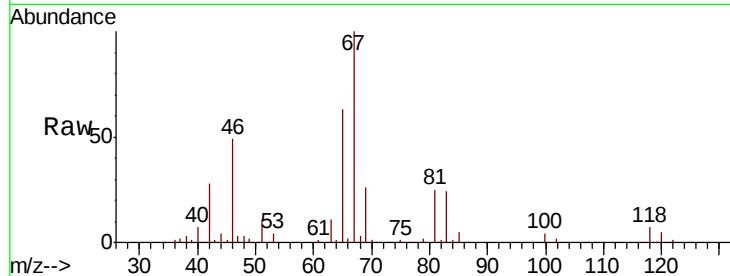




#37
 1,2-Dichloropropane
 Concen: 6.083 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018182.D
 Acq: 10 Sep 2020 16:19

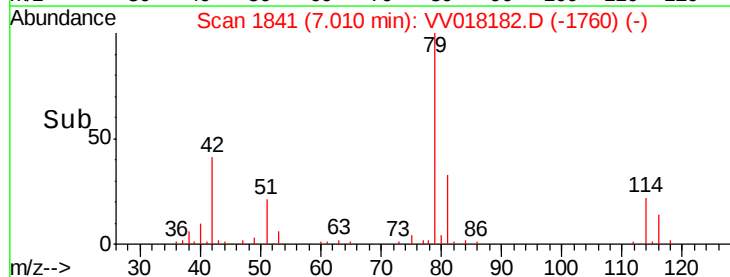
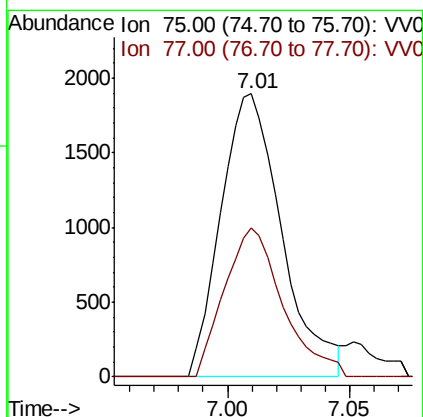
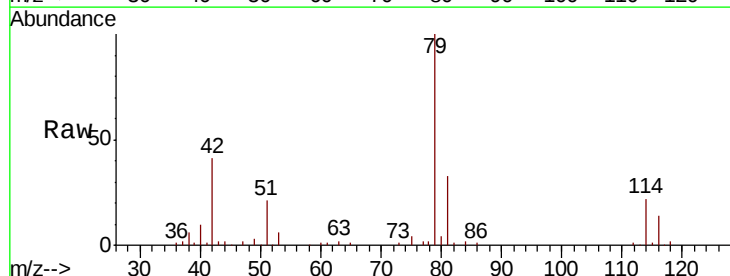
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 MSVOA_V
 ClientSampleId :
 VIBLK60

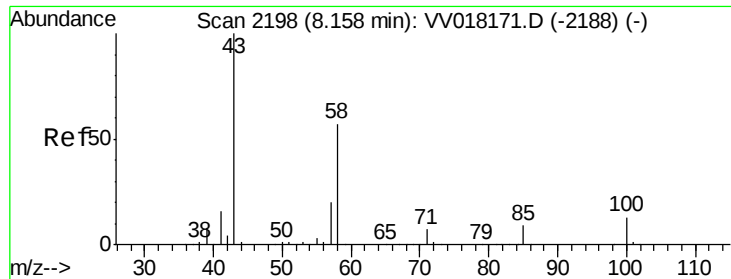
Tot Ion: 63 Resp: 12591
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018182.D
 Acq: 10 Sep 2020 16:19

Tgt Ion: 75 Resp: 3282
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.3 41.3#

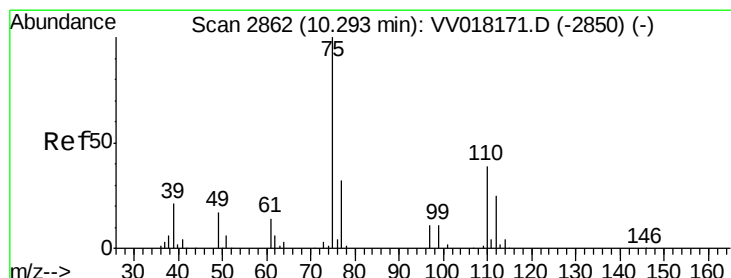
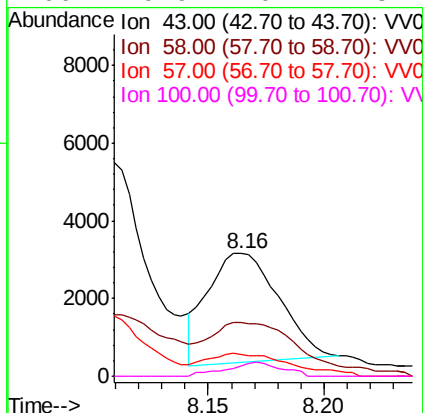
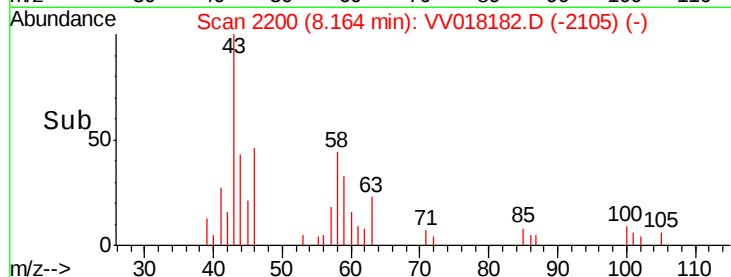
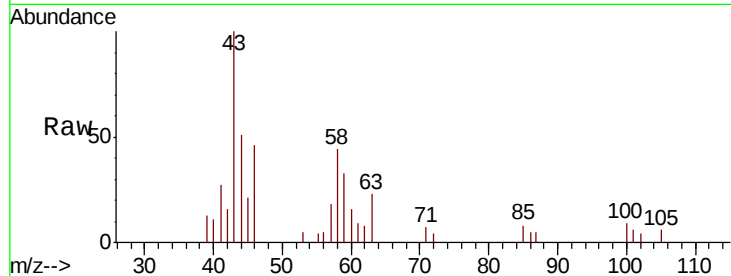




#48
2-Hexanone
Concen: 3.020 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018182.D
Acq: 10 Sep 2020 16:19

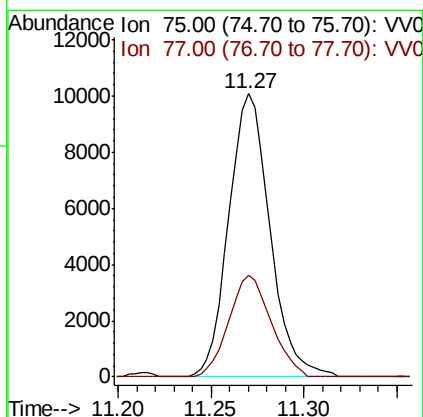
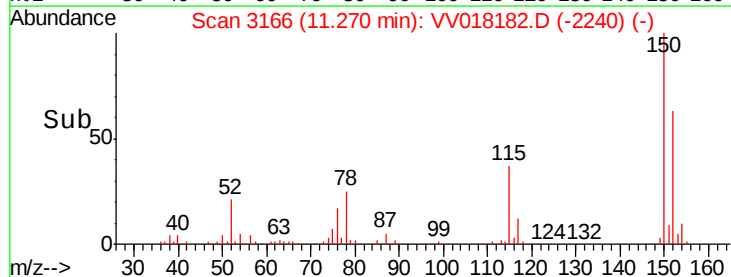
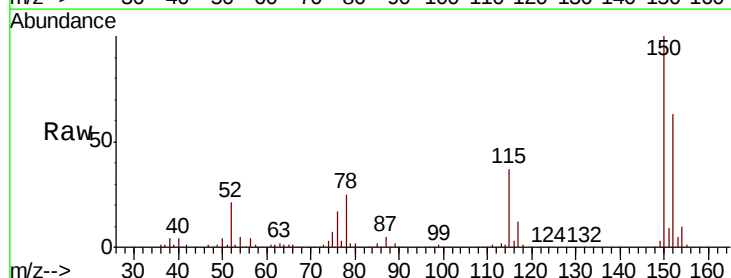
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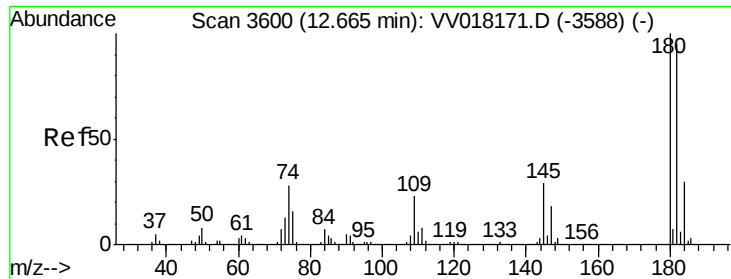
Tot Ion: 43 Resp: 5978
Ion Ratio Lower Upper
43 100
58 46.5 44.8 67.2
57 5.0 15.8 23.6#
100 9.9 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.390 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018182.D
Acq: 10 Sep 2020 16:19

Tgt Ion: 75 Resp: 15555
Ion Ratio Lower Upper
75 100
77 36.7 25.8 38.6

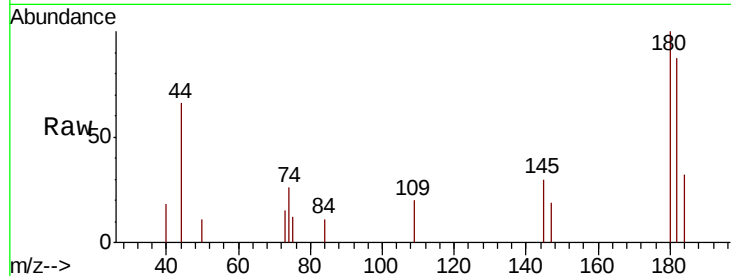




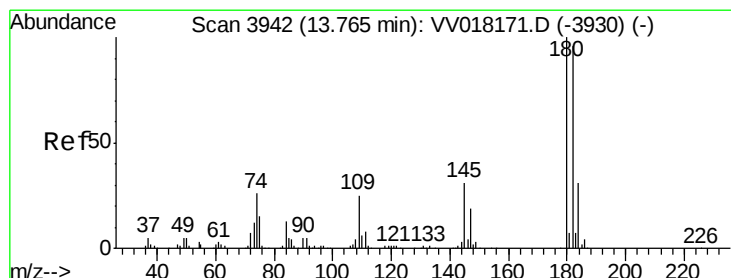
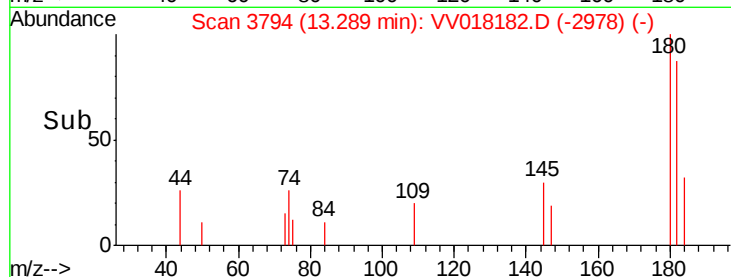
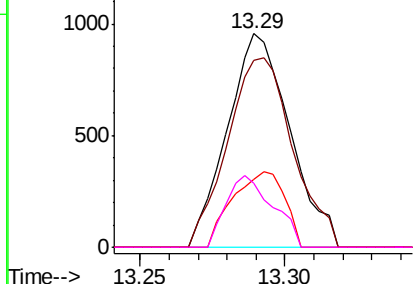
#67
 1,3,5-Trichlorobenzene
 Concen: 0.449 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.62 min
 Lab File: VV018182.D
 Acq: 10 Sep 2020 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK60

Tot Ion:180 Resp: 1424
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.8 115.2
 184 29.6 24.6 36.8
 145 25.2 22.7 34.1

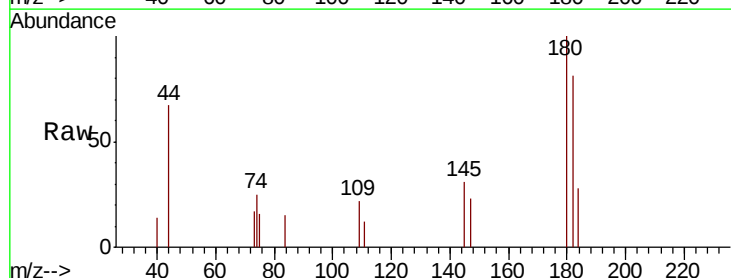


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.557 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018182.D
 Acq: 10 Sep 2020 16:19

Tgt Ion:180 Resp: 1550
 Ion Ratio Lower Upper
 180 100
 182 92.3 76.5 114.7
 145 30.1 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

