

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017478.D
 Acq On : 14 Jul 2020 12:27
 Operator : SY/MD
 Sample : VV0714WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK33

Quant Time: Jul 15 03:05:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142616	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135118	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39188	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	31006	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	63201	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	71315	41.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.78%
24) Chloroform-d	4.38	84	87767	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	51719	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.07	84	157339	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	43248	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	149067	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	20010	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
48) 2-Hexanone-d5	8.12	63	58108	46.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29397	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	61166	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

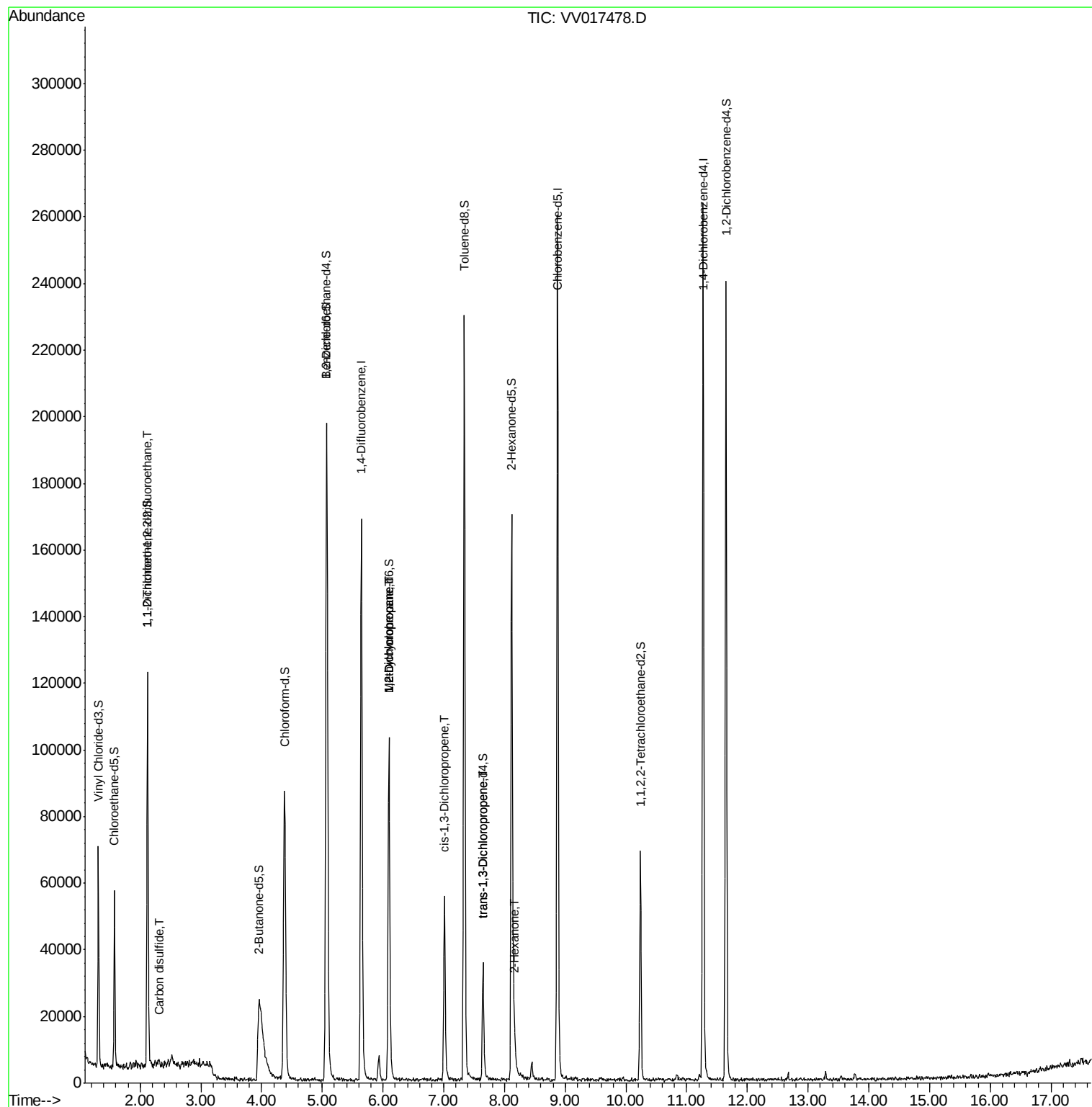
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	845	0.087 ug/L #	18
14) Carbon disulfide	2.31	76	1370	0.052 ug/L #	52
35) Methylcyclohexane	6.10	83	13271	0.822 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6192	0.744 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1648	0.123 ug/L	90
46) trans-1,3-Dichloropropene	7.64	75	1104	0.094 ug/L #	55
50) 2-Hexanone	8.17	43	2554	0.790 ug/L #	45

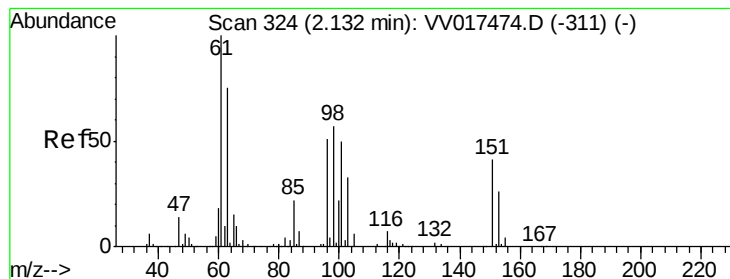
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 03:05:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.087 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV017478.D

Acq: 14 Jul 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

VBLK33

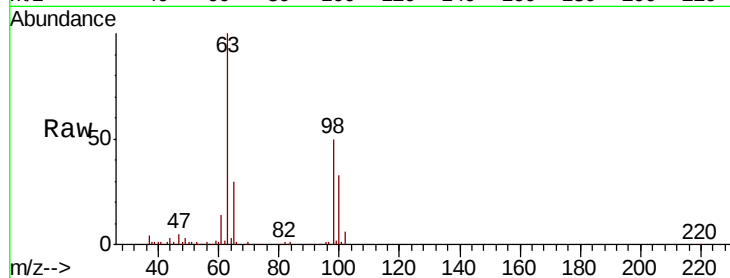
Tot Ion:101 Resp: 845

Ion Ratio Lower Upper

101 100

85 2.7 35.4 53.2#

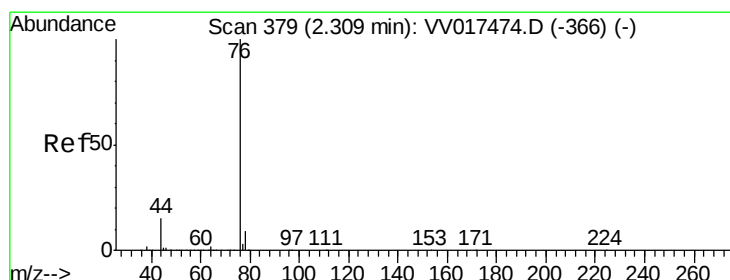
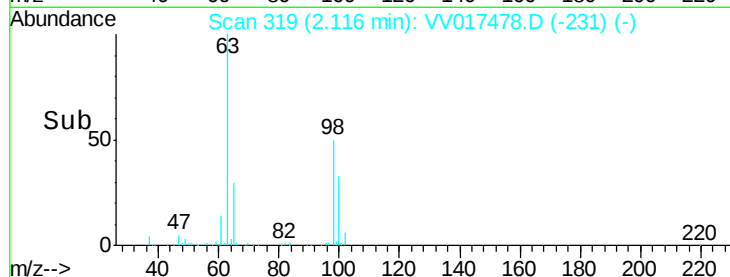
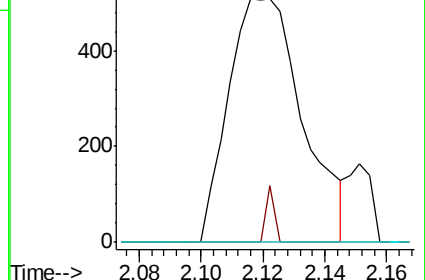
151 0.0 66.5 99.7#



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



#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV017478.D

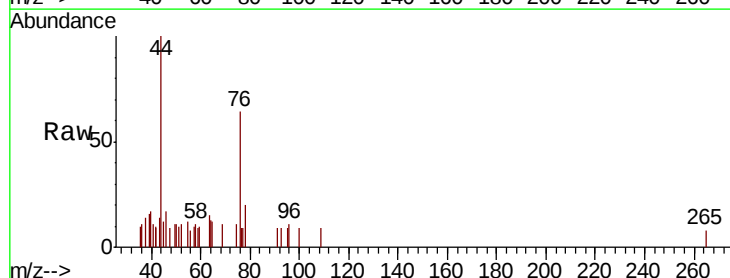
Acq: 14 Jul 2020 12:27

Tgt Ion: 76 Resp: 1370

Ion Ratio Lower Upper

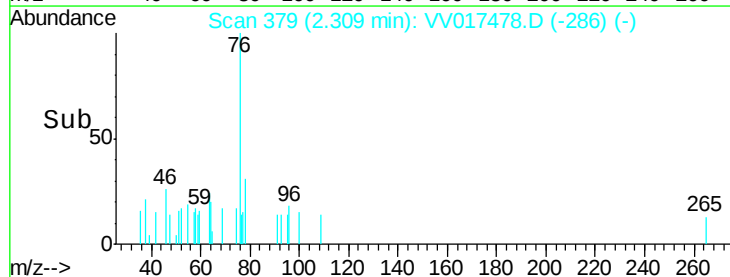
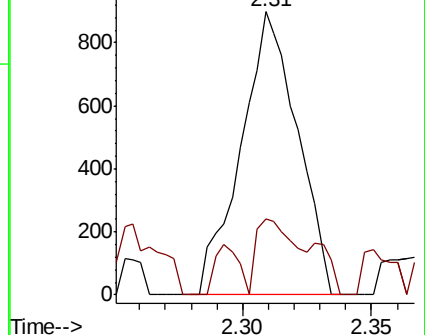
76 100

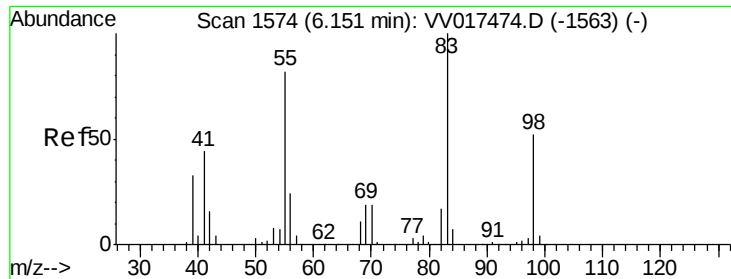
78 26.9 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

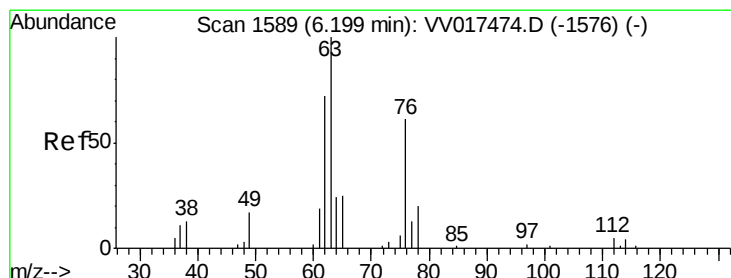
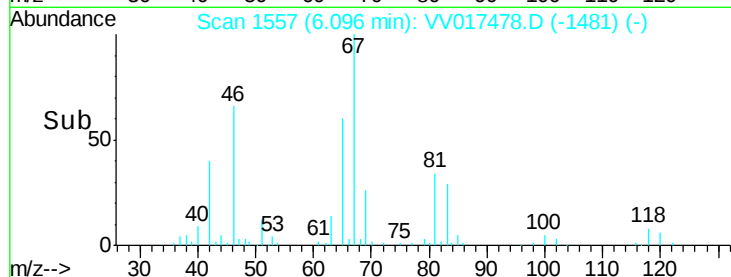
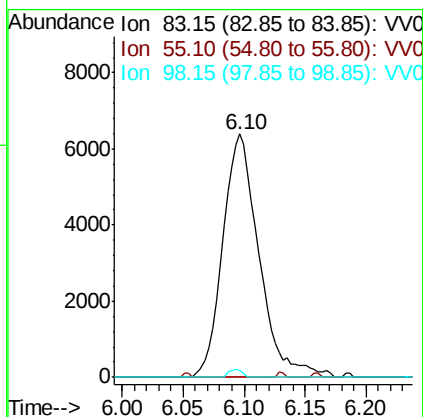
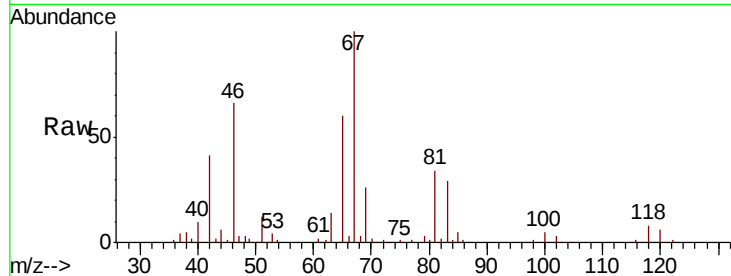




#35
Methvlcvclohexane
Concen: 0.822 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017478.D
Acq: 14 Jul 2020 12:27

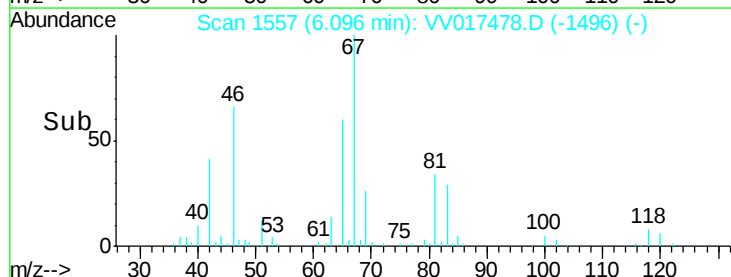
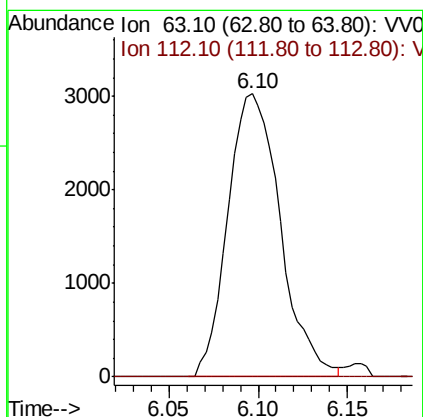
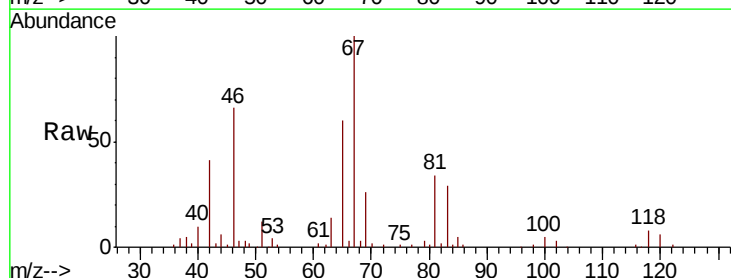
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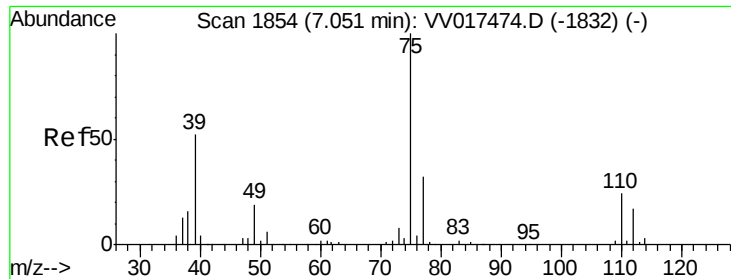
Tot Ion: 83 Resp: 13271
Ion Ratio Lower Upper
83 100
55 0.4 62.0 93.0#
98 1.2 41.4 62.2#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017478.D
Acq: 14 Jul 2020 12:27

Tgt Ion: 63 Resp: 6192
Ion Ratio Lower Upper
63 100
112 0.3 4.4 6.6#

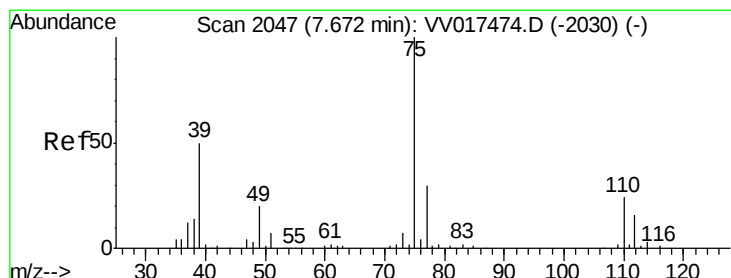
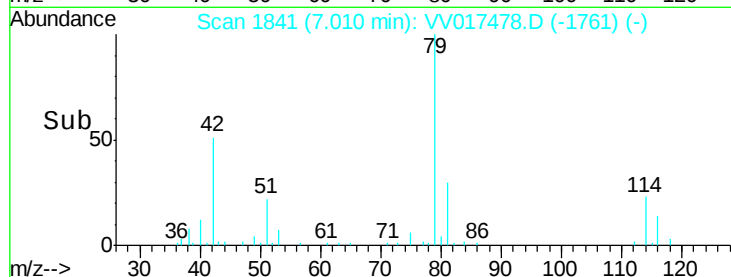
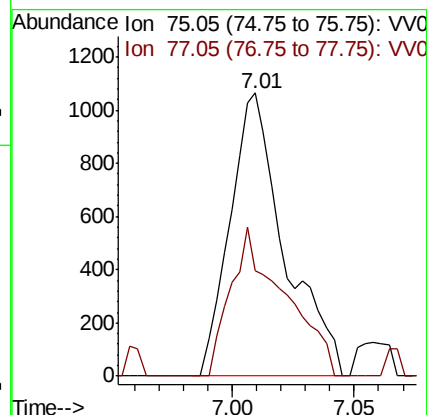
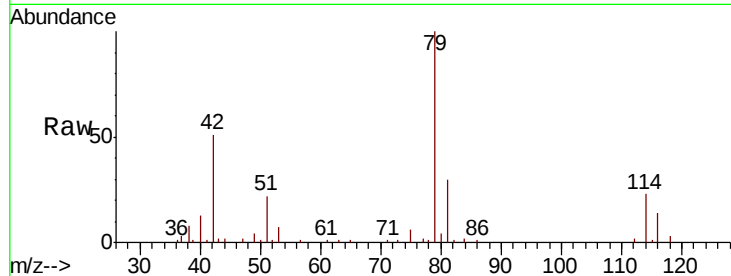




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017478.D
 Acq: 14 Jul 2020 12:27

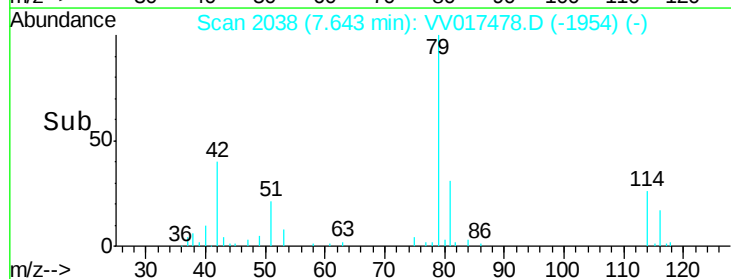
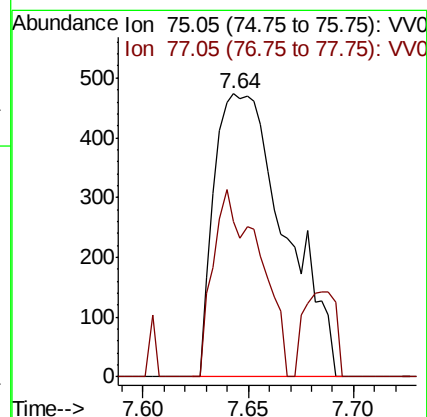
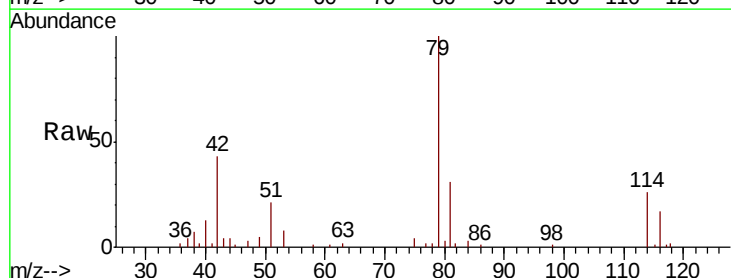
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 VBLK33

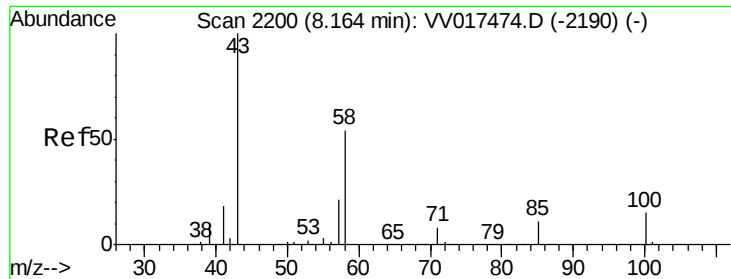
Tot Ion: 75 Resp: 1648
 Ion Ratio Lower Upper
 75 100
 77 37.4 22.3 41.5



#46
 trans-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017478.D
 Acq: 14 Jul 2020 12:27

Tgt Ion: 75 Resp: 1104
 Ion Ratio Lower Upper
 75 100
 77 55.0 21.2 39.4#





#50

2-Hexanone

Concen: 0.790 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017478.D

Acq: 14 Jul 2020 12:27

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Tot Ion: 43 Resp: 2554

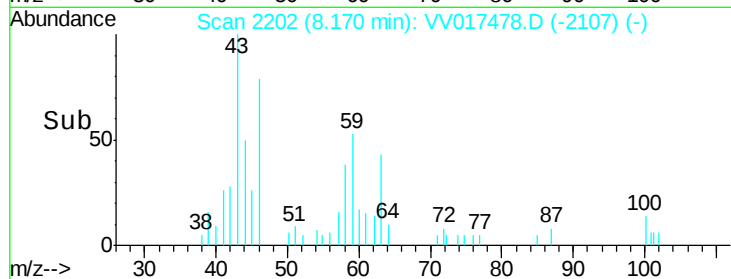
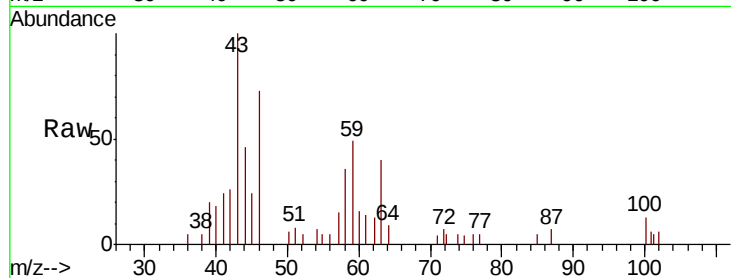
Ion Ratio Lower Upper

43 100

58 103.6 43.0 64.4#

57 0.0 16.8 25.2#

100 21.7 11.8 17.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

