

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017974.D
 Acq On : 13 Aug 2020 16:40
 Operator : SY/MD
 Sample : VIBLK52
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK52

Quant Time: Aug 14 04:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242590	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95274	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.94%
7) Chloroethane-d5	1.58	69	79503	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.12	63	141105	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.70%
21) 2-Butanone-d5	3.91	46	127267	104.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	4.37	84	167607	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.05	65	115290	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.36%
32) Benzene-d6	5.07	84	337543	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.09	67	109801	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.02%
41) Toluene-d8	7.34	98	298882	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%
43) trans-1,3-Dichloropropene-	7.64	79	46770	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.11	63	63479	91.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138759	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	122809	54.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.88%

Target Compounds

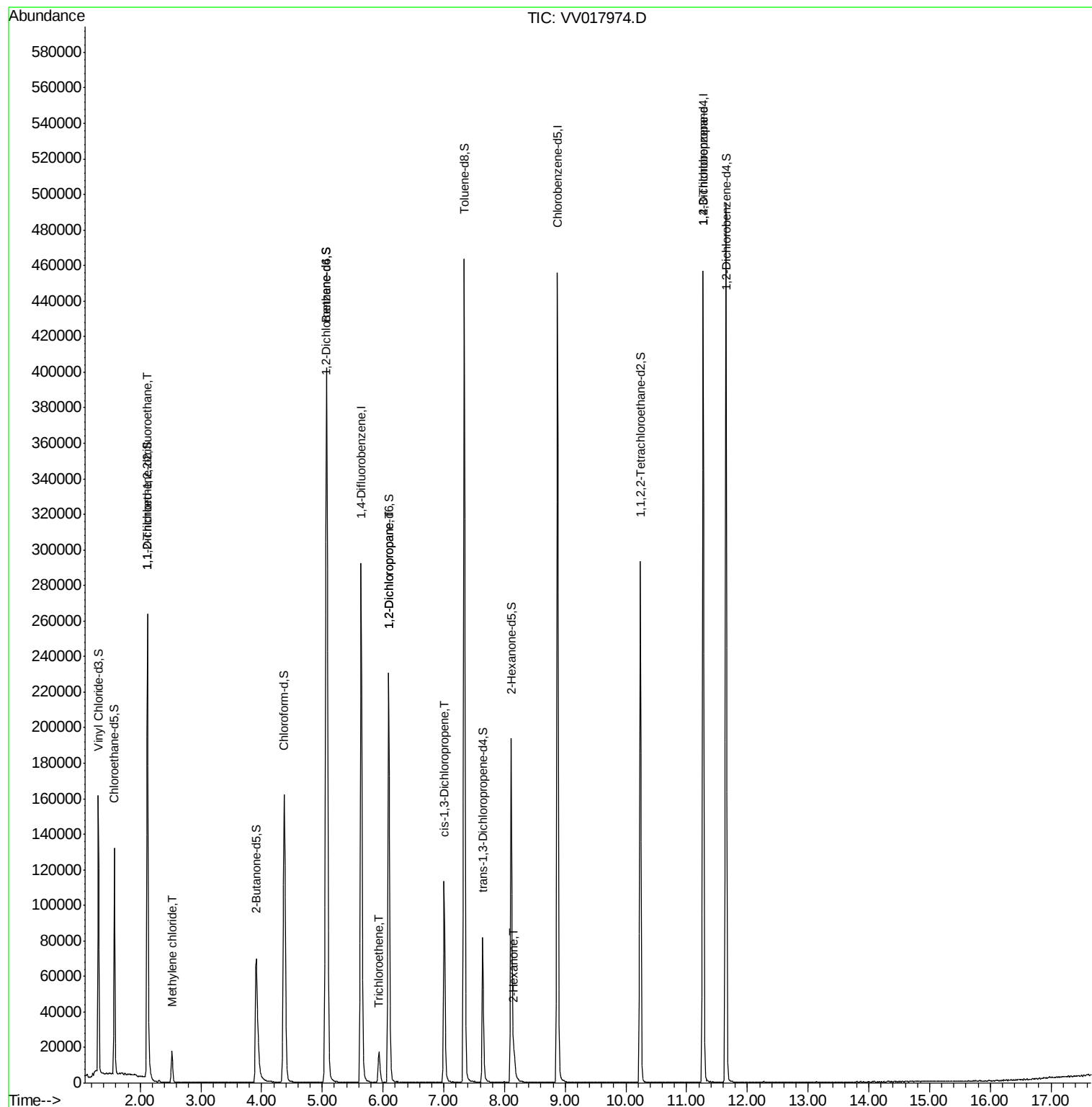
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1233	0.717 ug/L #	20
16) Methylene chloride	2.52	84	7241	3.493 ug/L	98
34) Trichloroethene	5.94	95	3003	1.522 ug/L	97
37) 1,2-Dichloropropane	6.09	63	12459	6.120 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2634	0.913 ug/L #	67
48) 2-Hexanone	8.16	43	7060	3.290 ug/L #	97
59) 1,2,3-Trichloropropane	11.27	75	13484	5.363 ug/L	94

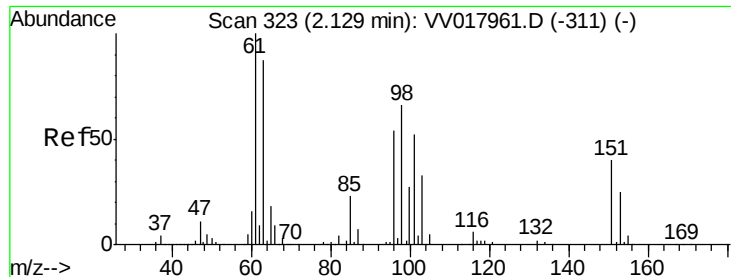
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.717 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017974.D

Acq: 13 Aug 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

VIBLK52

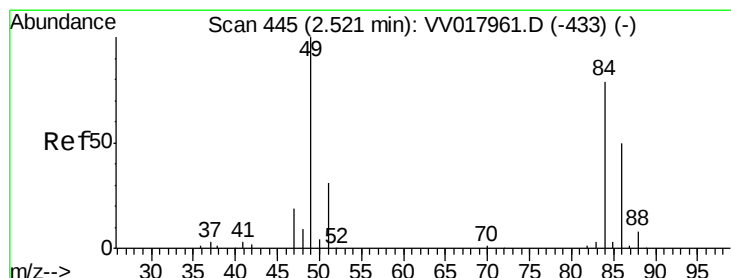
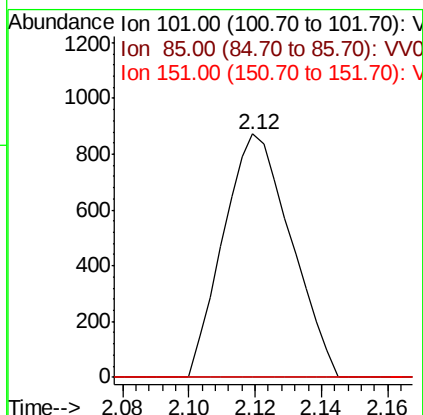
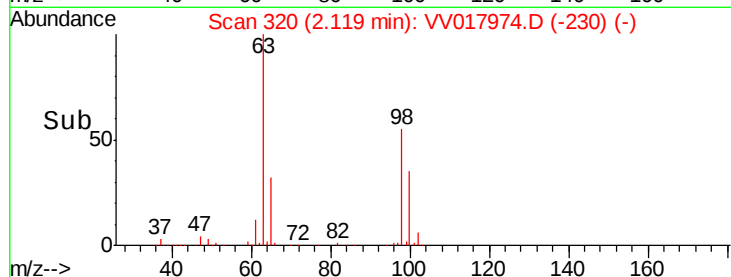
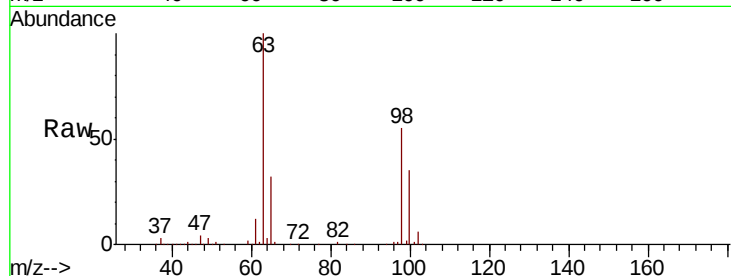
Tot Ion:101 Resp: 1233

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#



#16

Methylene chloride

Concen: 3.493 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017974.D

Acq: 13 Aug 2020 16:40

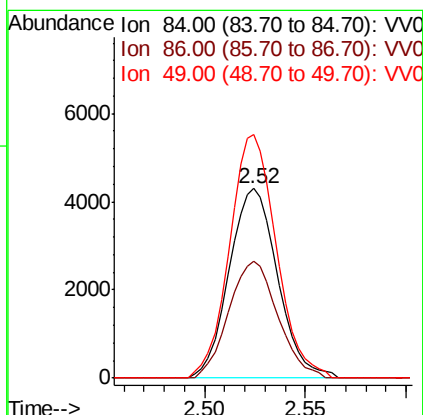
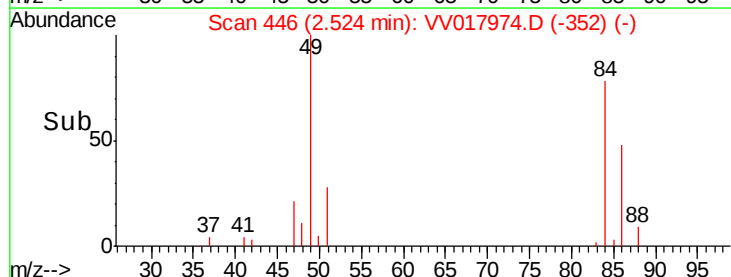
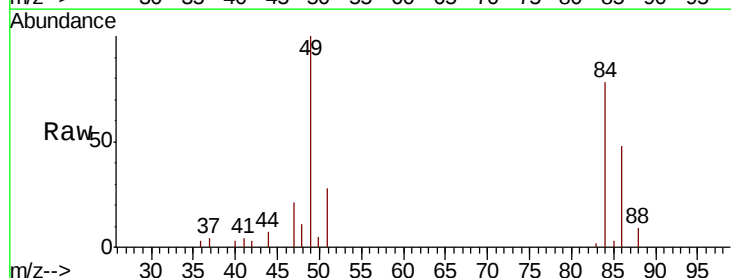
Tgt Ion: 84 Resp: 7241

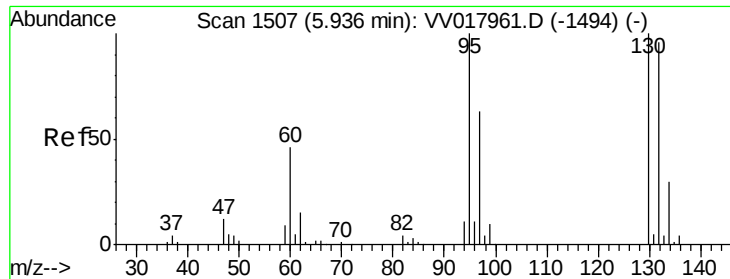
Ion Ratio Lower Upper

84 100

86 61.8 46.3 85.9

49 128.5 89.7 166.5





#34

Trichloroethene

Concen: 1.522 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017974.D

Acq: 13 Aug 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

VIBLK52

Tot Ion: 95 Resp: 3003

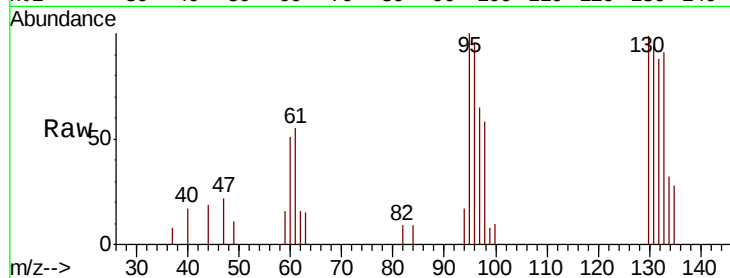
Ion Ratio Lower Upper

95 100

97 64.8 46.0 85.4

132 87.6 65.8 122.2

130 99.4 69.2 128.6



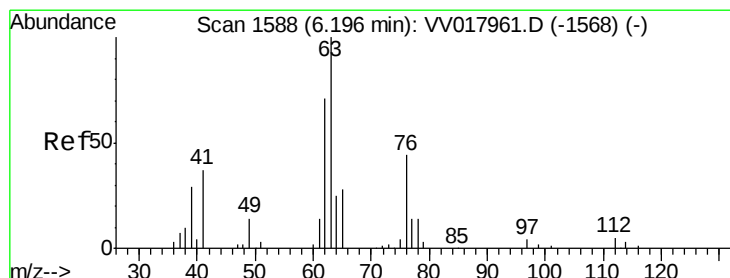
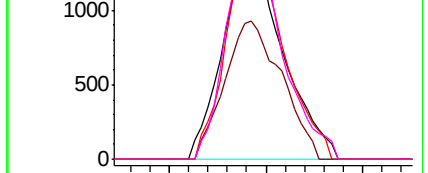
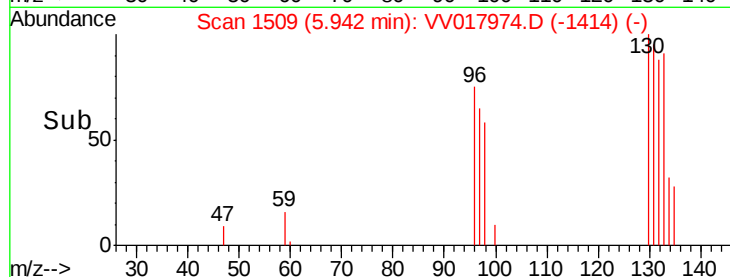
Abundance Ion 95.00 (94.70 to 95.70): VV017961.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017961.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017961.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017961.D (-1494) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 6.120 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017974.D

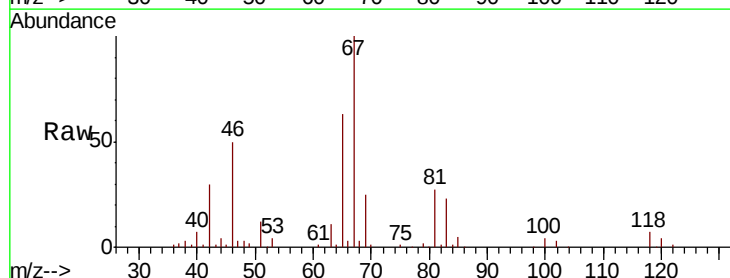
Acq: 13 Aug 2020 16:40

Tgt Ion: 63 Resp: 12459

Ion Ratio Lower Upper

63 100

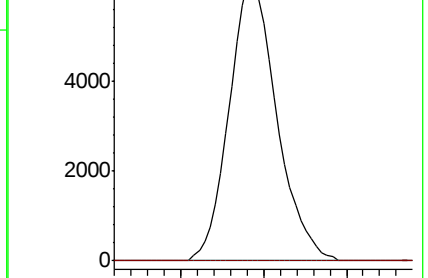
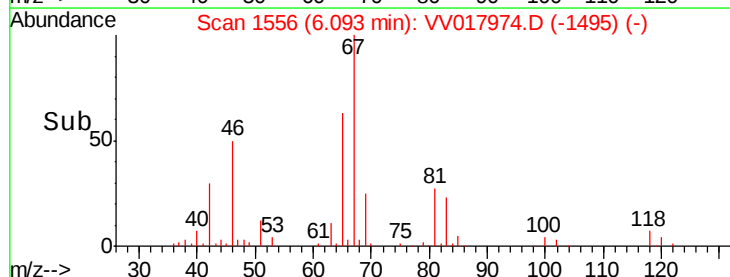
112 0.0 3.5 5.3#

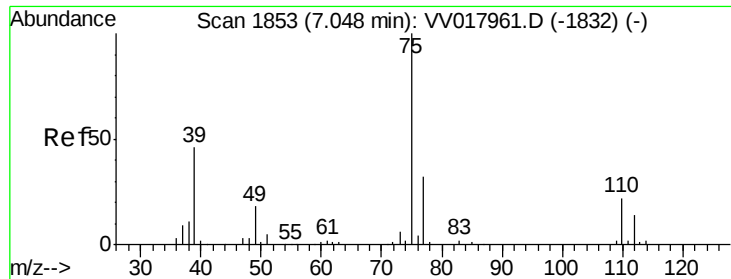


Abundance Ion 63.00 (62.70 to 63.70): VV017961.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV017961.D (-1568) (-)

Time-->

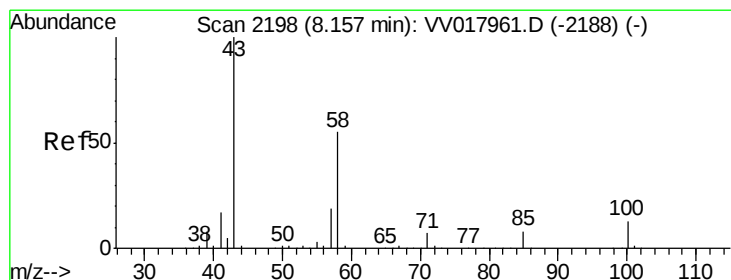
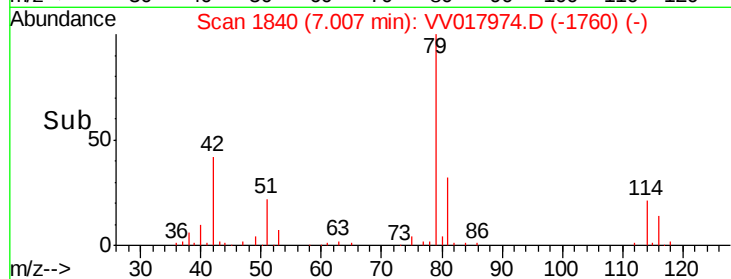
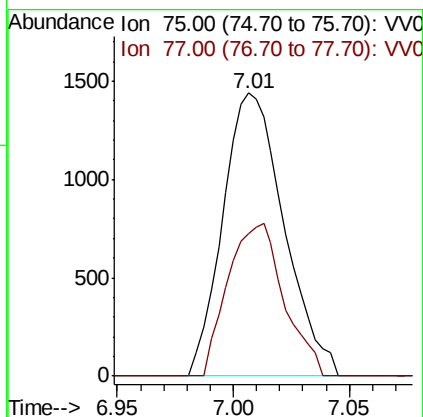
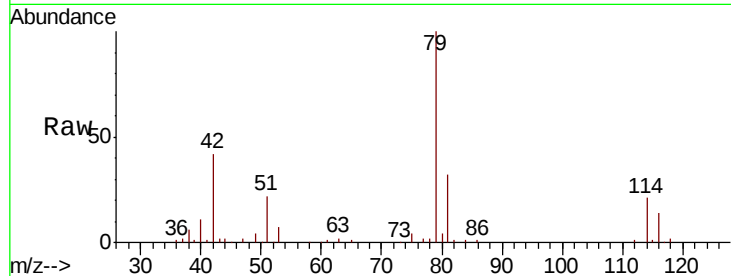




#39
 cis-1,3-Dichloropropene
 Concen: 0.913 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017974.D
 Acq: 13 Aug 2020 16:40

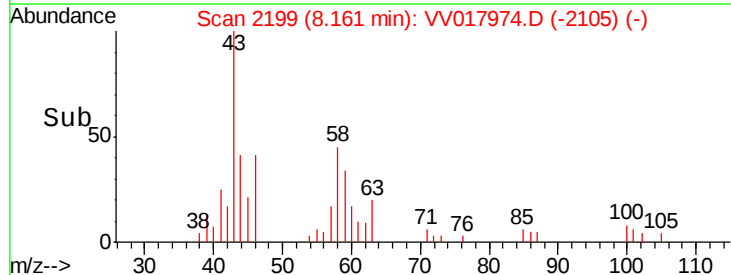
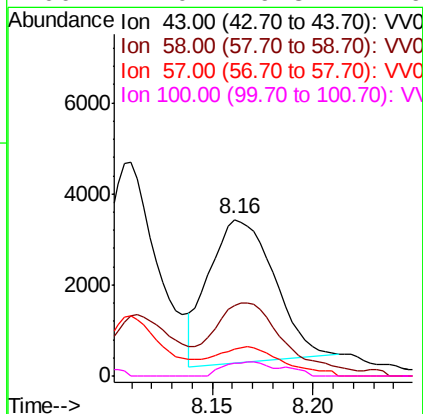
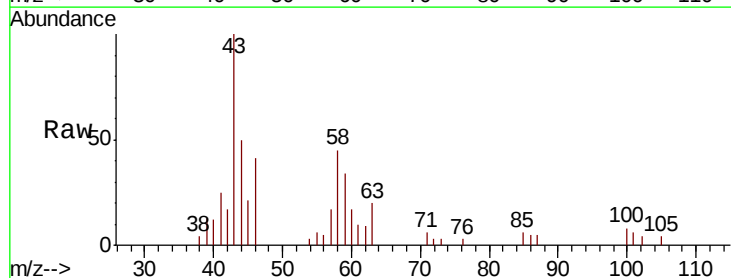
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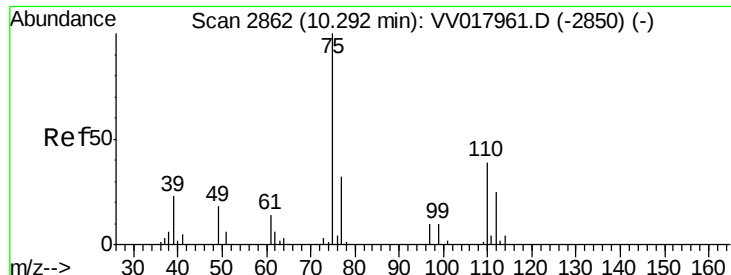
Tot Ion: 75 Resp: 2634
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.3 41.5#



#48
 2-Hexanone
 Concen: 3.290 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017974.D
 Acq: 13 Aug 2020 16:40

Tgt Ion: 43 Resp: 7060
 Ion Ratio Lower Upper
 43 100
 58 55.4 44.4 66.6
 57 16.1 15.2 22.8
 100 7.0 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.363 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017974.D

Acq: 13 Aug 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

VIBLK52

Tot Ion: 75 Resp: 13484

Ion Ratio Lower Upper

75 100

77 35.5 25.7 38.5

