

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017975.D
 Acq On : 13 Aug 2020 17:27
 Operator : SY/MD
 Sample : L3599-18MEDL 40X
 Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA0MEDL

Quant Time: Aug 14 04:17:31 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	254397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77395	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.74%
7) Chloroethane-d5	1.58	69	68410	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	2.12	63	120098	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	3.91	46	116639	91.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.75%
24) Chloroform-d	4.38	84	157018	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.06	65	107786	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.08	84	311837	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.10	67	102750	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.90%
41) Toluene-d8	7.34	98	276877	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%
43) trans-1,3-Dichloropropene-	7.64	79	44942	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.11	63	58853	81.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129478	43.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	115026	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

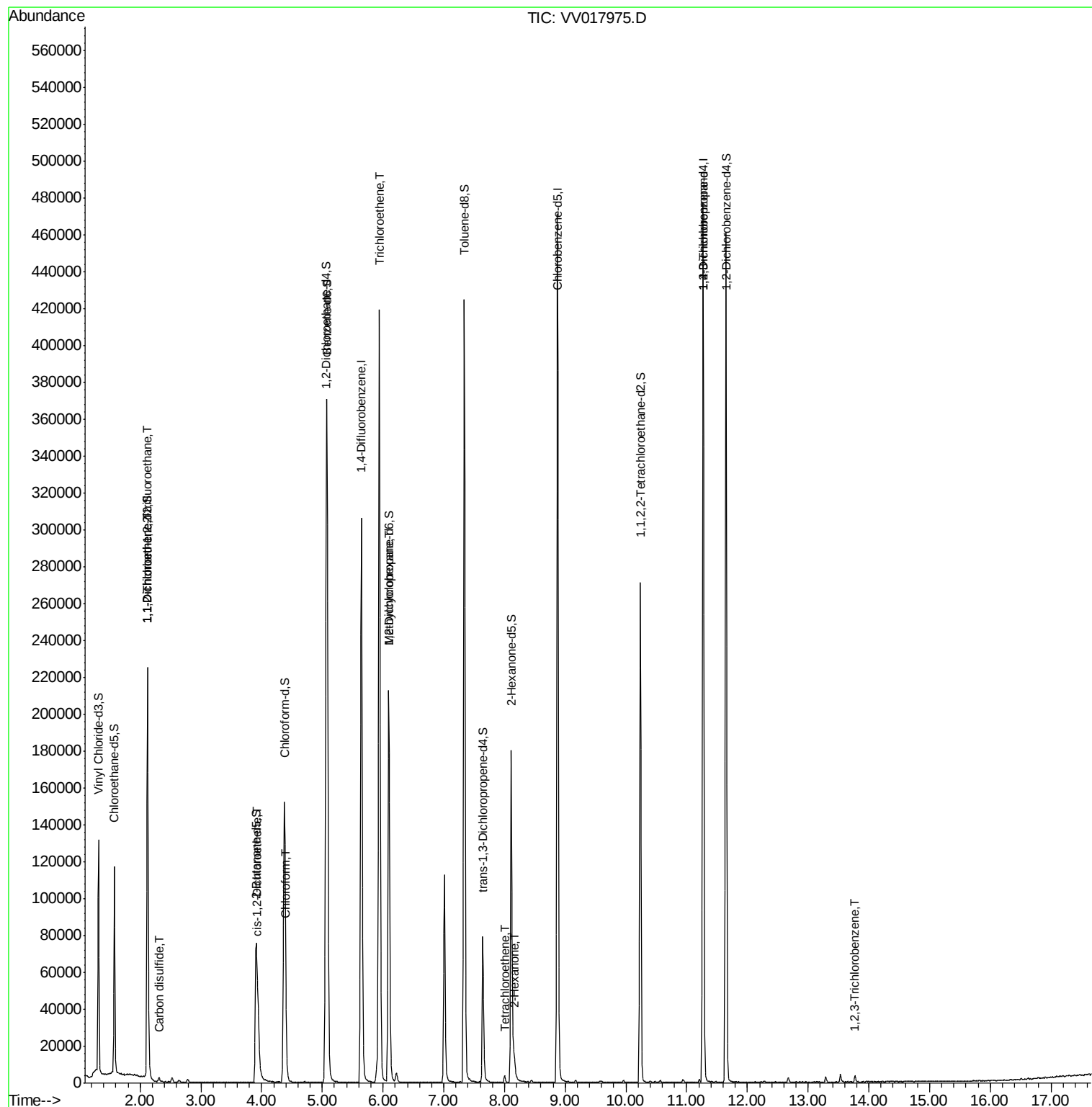
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1187	0.658	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1258	0.737	ug/L #	1
14) Carbon disulfide	2.31	76	3036	0.646	ug/L #	93
20) cis-1,2-Dichloroethene	3.94	96	11105	5.761	ug/L	96
25) Chloroform	4.41	83	2635	0.732	ug/L	87
34) Trichloroethene	5.94	95	146461	71.380	ug/L	99
35) Methylcyclohexane	6.10	83	24580	8.056	ug/L #	17
46) Tetrachloroethene	8.00	164	821	0.546	ug/L	98
48) 2-Hexanone	8.16	43	7119	3.190	ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	14630	5.596	ug/L	93
70) 1,2,3-Trichlorobenzene	13.77	180	1453	0.558	ug/L	92

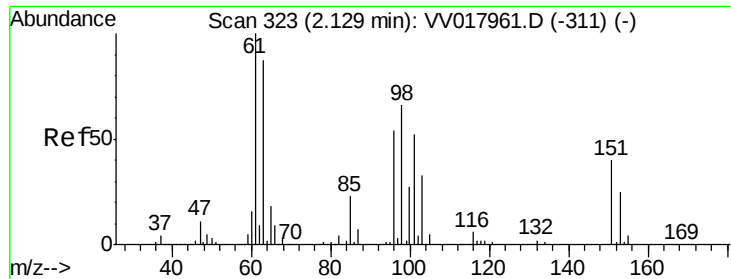
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.658 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

GAYA0MEDL

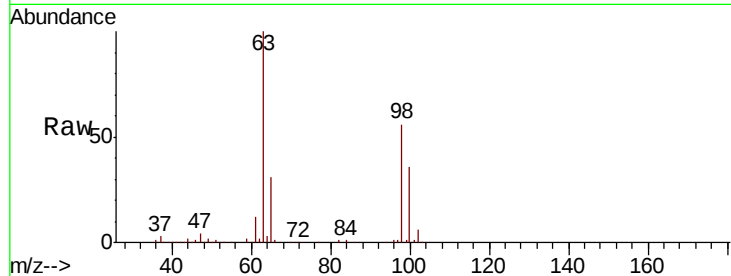
Tot Ion:101 Resp: 1187

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

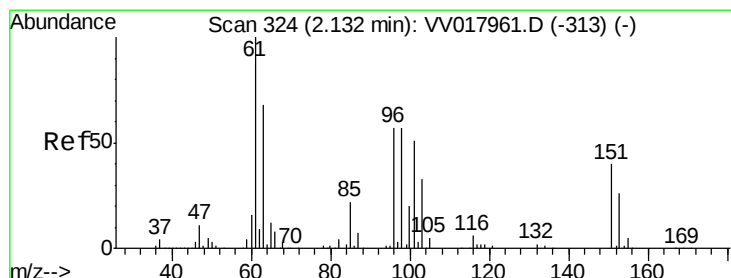
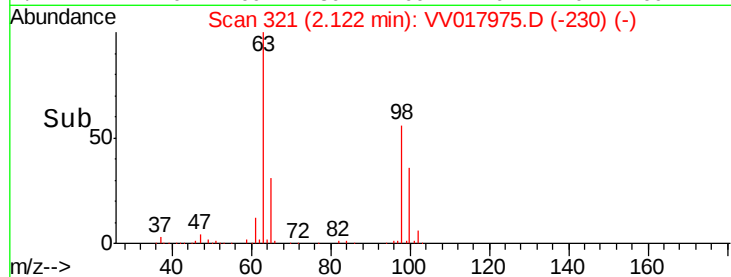
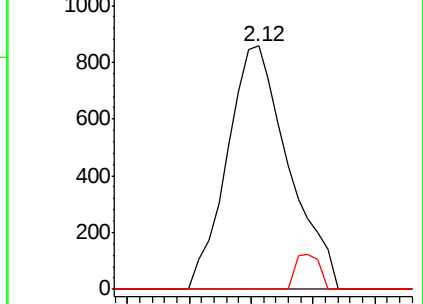
151 5.6 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): VV017961.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017961.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017961.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 0.737 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

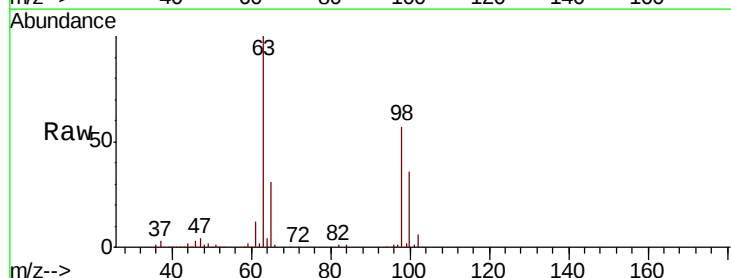
Tgt Ion: 96 Resp: 1258

Ion Ratio Lower Upper

96 100

61 1201.9 127.1 236.0#

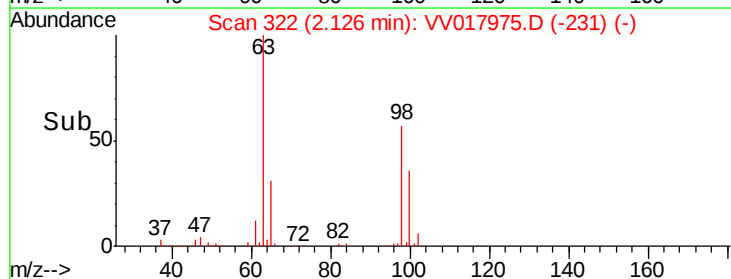
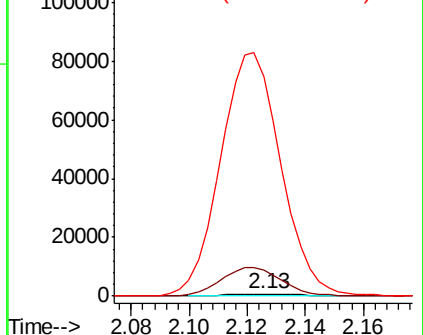
63 10071.4 95.2 176.8#

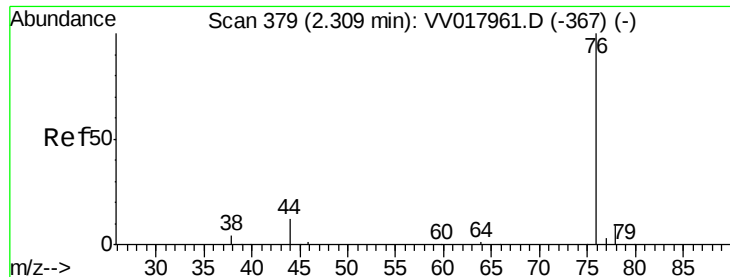


Abundance Ion 96.00 (95.70 to 96.70): VV017961.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV017961.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV017961.D (-313) (-)





#14

Carbon disulfide

Concen: 0.646 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

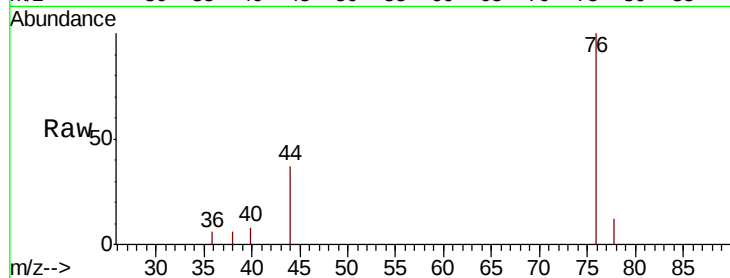
GAYA0MEDL

Tot Ion: 76 Resp: 3036

Ion Ratio Lower Upper

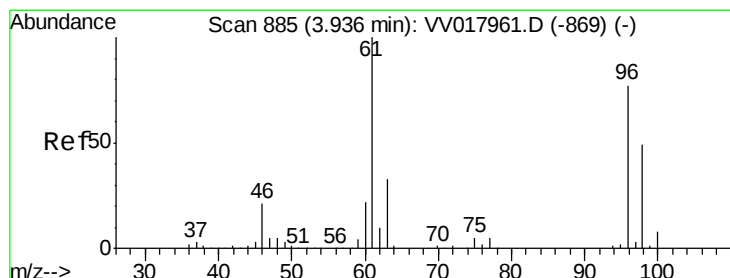
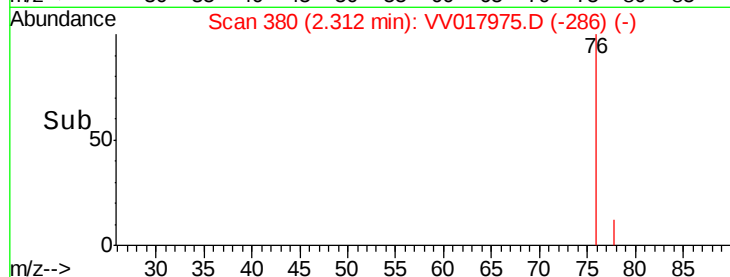
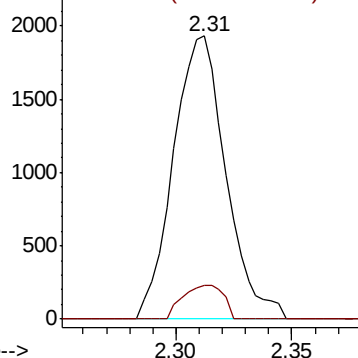
76 100

78 11.9 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 5.761 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

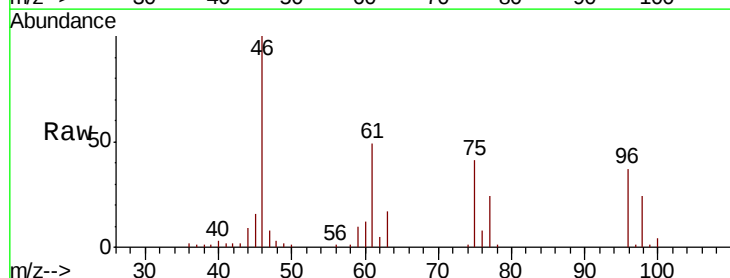
Tgt Ion: 96 Resp: 11105

Ion Ratio Lower Upper

96 100

61 131.5 95.0 176.4

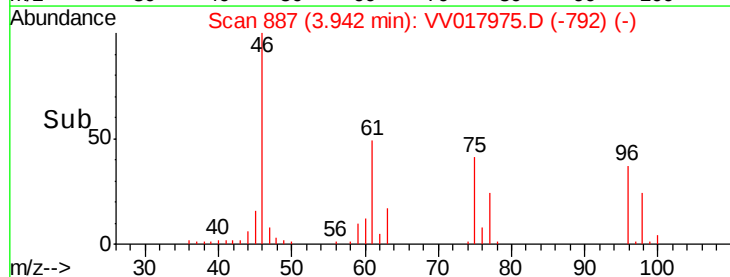
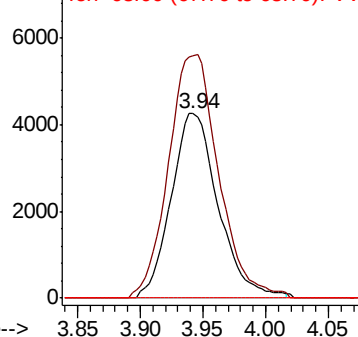
68 0.0 0.0 0.0

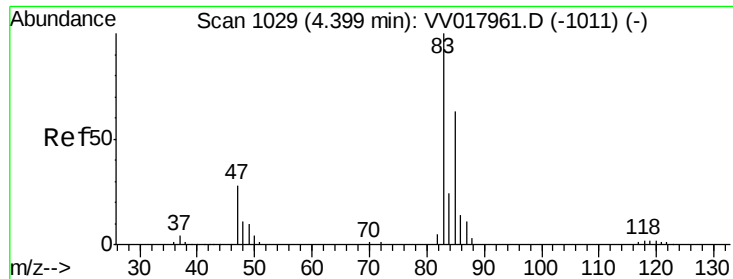


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

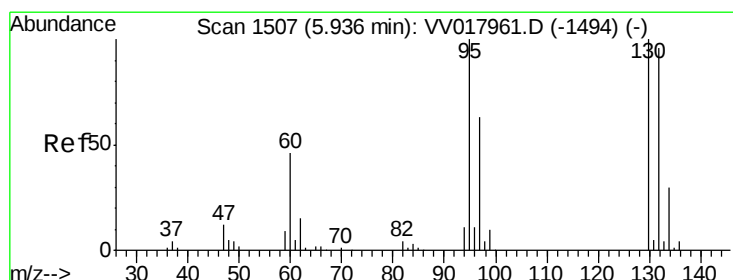
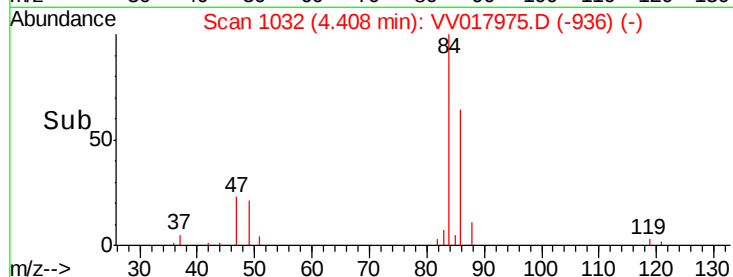
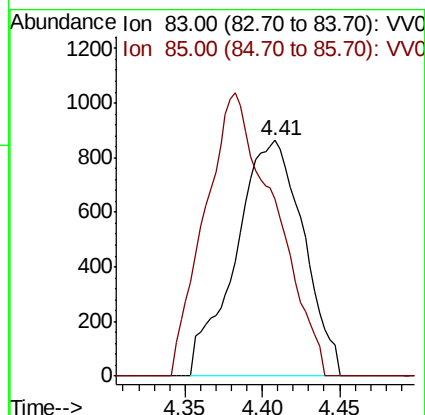
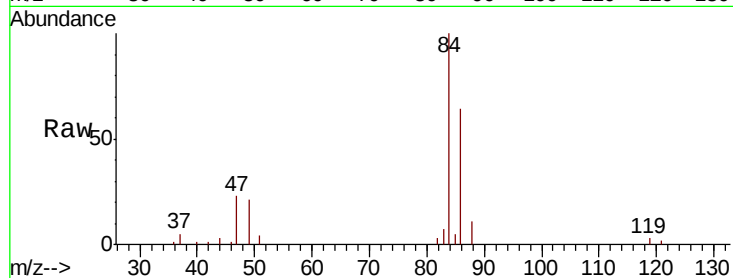




#25
Chloroform
Concen: 0.732 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017975.D
Acq: 13 Aug 2020 17:27

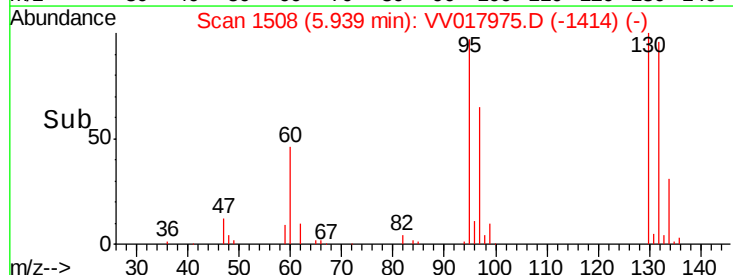
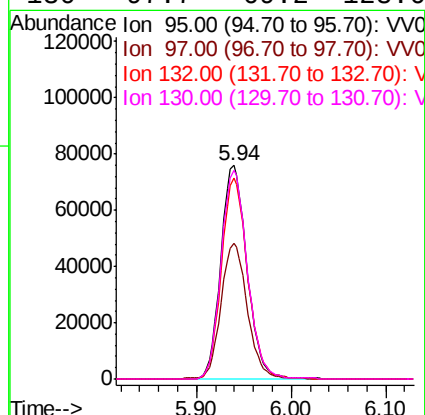
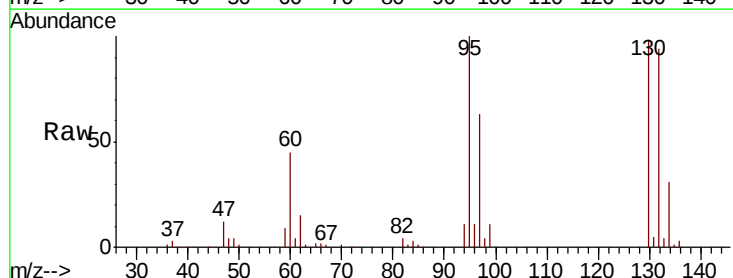
Instrument :
MSVOA_V
ClientSampleId :
GAYA0MEDL

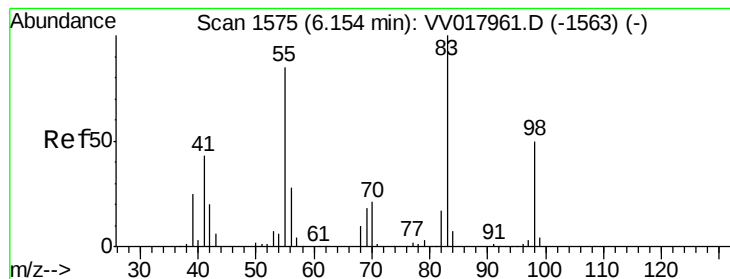
Tot Ion: 83 Resp: 2635
Ion Ratio Lower Upper
83 100
85 75.3 45.5 84.5



#34
Trichloroethene
Concen: 71.380 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017975.D
Acq: 13 Aug 2020 17:27

Tgt Ion: 95 Resp: 146461
Ion Ratio Lower Upper
95 100
97 63.4 46.0 85.4
132 93.8 65.8 122.2
130 97.7 69.2 128.6





#35

Methylcyclohexane

Concen: 8.056 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

GAYA0MEDL

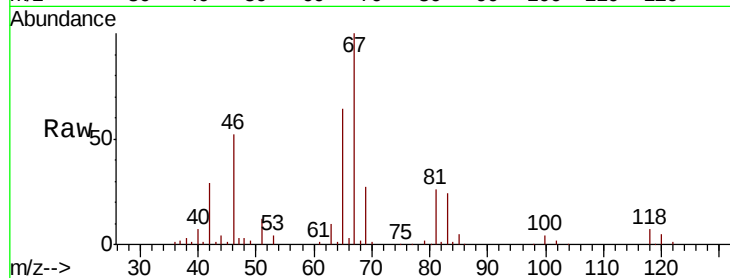
Tot Ion: 83 Resp: 24580

Ion Ratio Lower Upper

83 100

55 0.2 64.9 97.3#

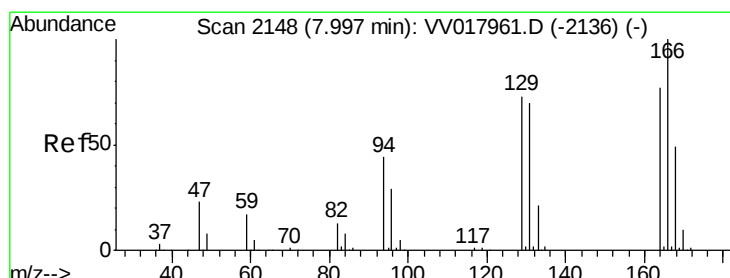
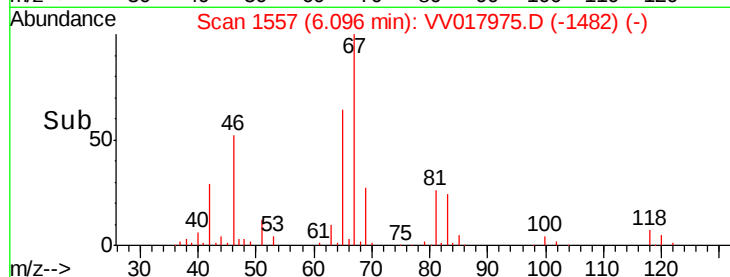
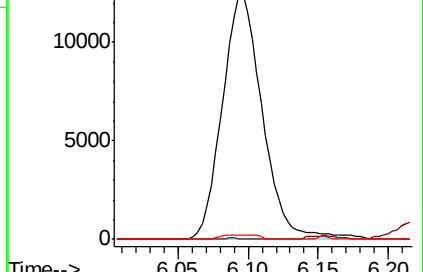
98 1.2 38.7 58.1#



Abundance Ion 83.00 (82.70 to 83.70): VV017961.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV017961.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV017961.D (-1563) (-)



#46

Tetrachloroethene

Concen: 0.546 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017975.D

Acq: 13 Aug 2020 17:27

Tgt Ion: 164 Resp: 821

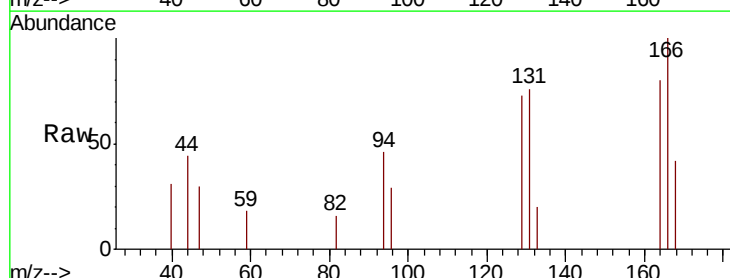
Ion Ratio Lower Upper

164 100

129 91.3 64.8 120.3

131 95.1 64.5 119.9

166 125.3 88.9 165.1

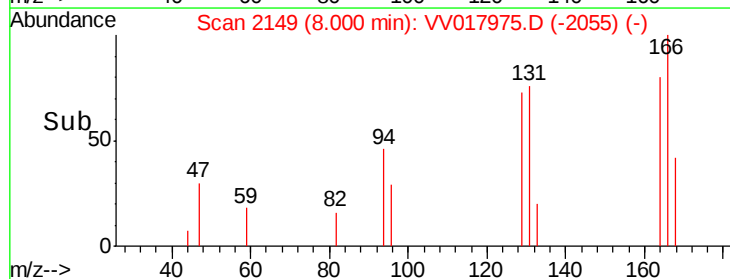
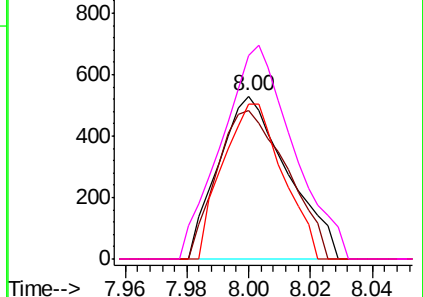


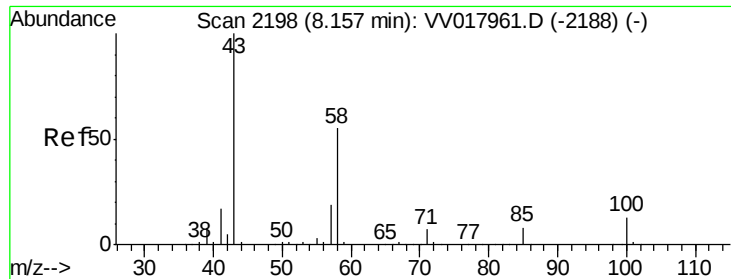
Abundance Ion 164.00 (163.70 to 164.70): VV017961.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017961.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017961.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017961.D (-2136) (-)

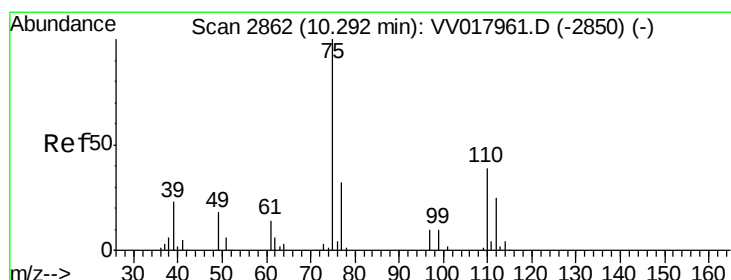
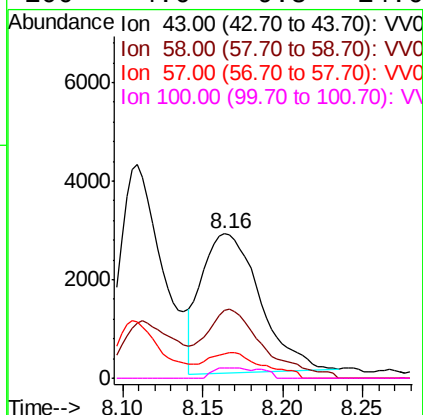
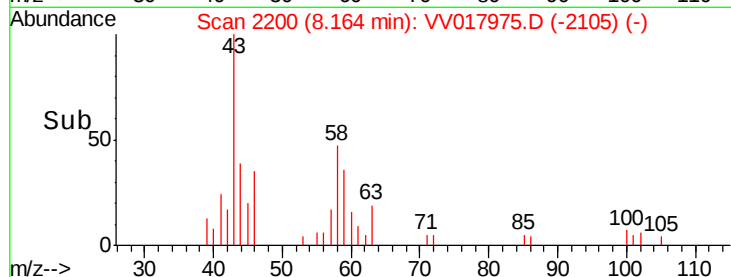
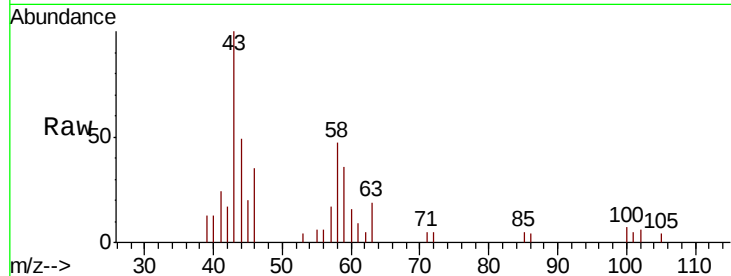




#48
2-Hexanone
Concen: 3.190 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017975.D
Acq: 13 Aug 2020 17:27

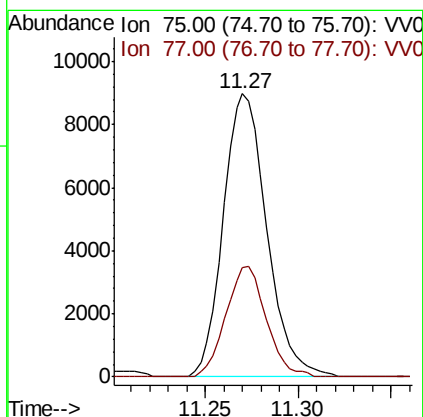
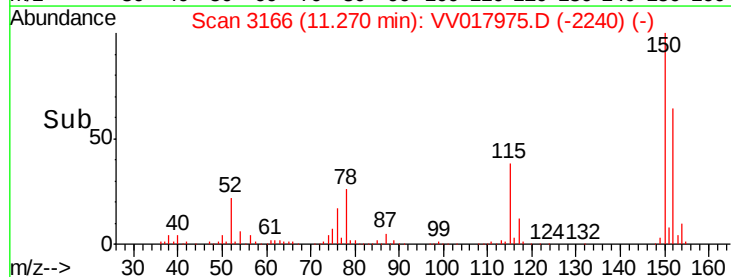
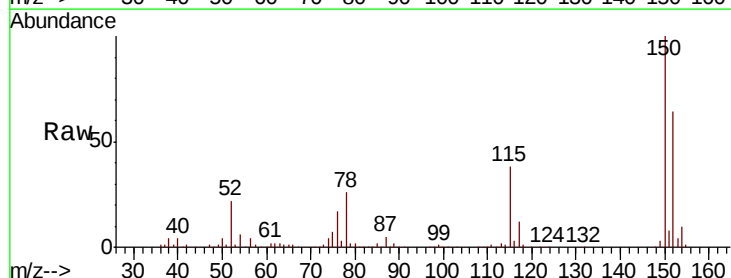
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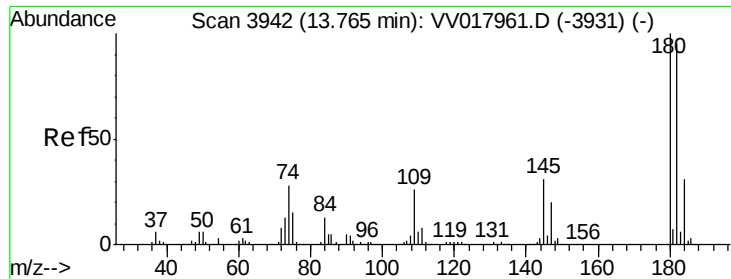
Tot Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 40.9 44.4 66.6#
57 17.7 15.2 22.8
100 4.6 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.596 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017975.D
Acq: 13 Aug 2020 17:27

Tgt Ion: 75 Resp: 14630
Ion Ratio Lower Upper
75 100
77 36.0 25.7 38.5





#70
 1,2,3-Trichlorobenzene
 Concen: 0.558 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017975.D
 Acq: 13 Aug 2020 17:27

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA0MEDL

Tot Ion:180 Resp: 1453
 Ion Ratio Lower Upper
 180 100
 182 88.4 76.5 114.7
 145 27.9 26.0 39.0

