

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018621.D
 Acq On : 02 Oct 2020 13:26
 Operator : SY/MD
 Sample : L4237-13MS
 Misc : 5.1mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MS

Quant Time: Oct 03 00:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243868	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81549	57.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.04%
7) Chloroethane-d5	1.58	69	80841	68.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	136.72%#
11) 1,1-Dichloroethene-d2	2.12	63	172790	59.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.58%
21) 2-Butanone-d5	3.92	46	108626	101.82	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.38	84	168711	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
26) 1,2-Dichloroethane-d4	5.06	65	114708	58.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.84%
32) Benzene-d6	5.08	84	330234	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
36) 1,2-Dichloropropane-d6	6.09	67	102179	55.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.82%
41) Toluene-d8	7.34	98	302992	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%
43) trans-1,3-Dichloropropene-	7.64	79	51533	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
47) 2-Hexanone-d5	8.11	63	63381	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119253	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	129435	55.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.38%

Target Compounds

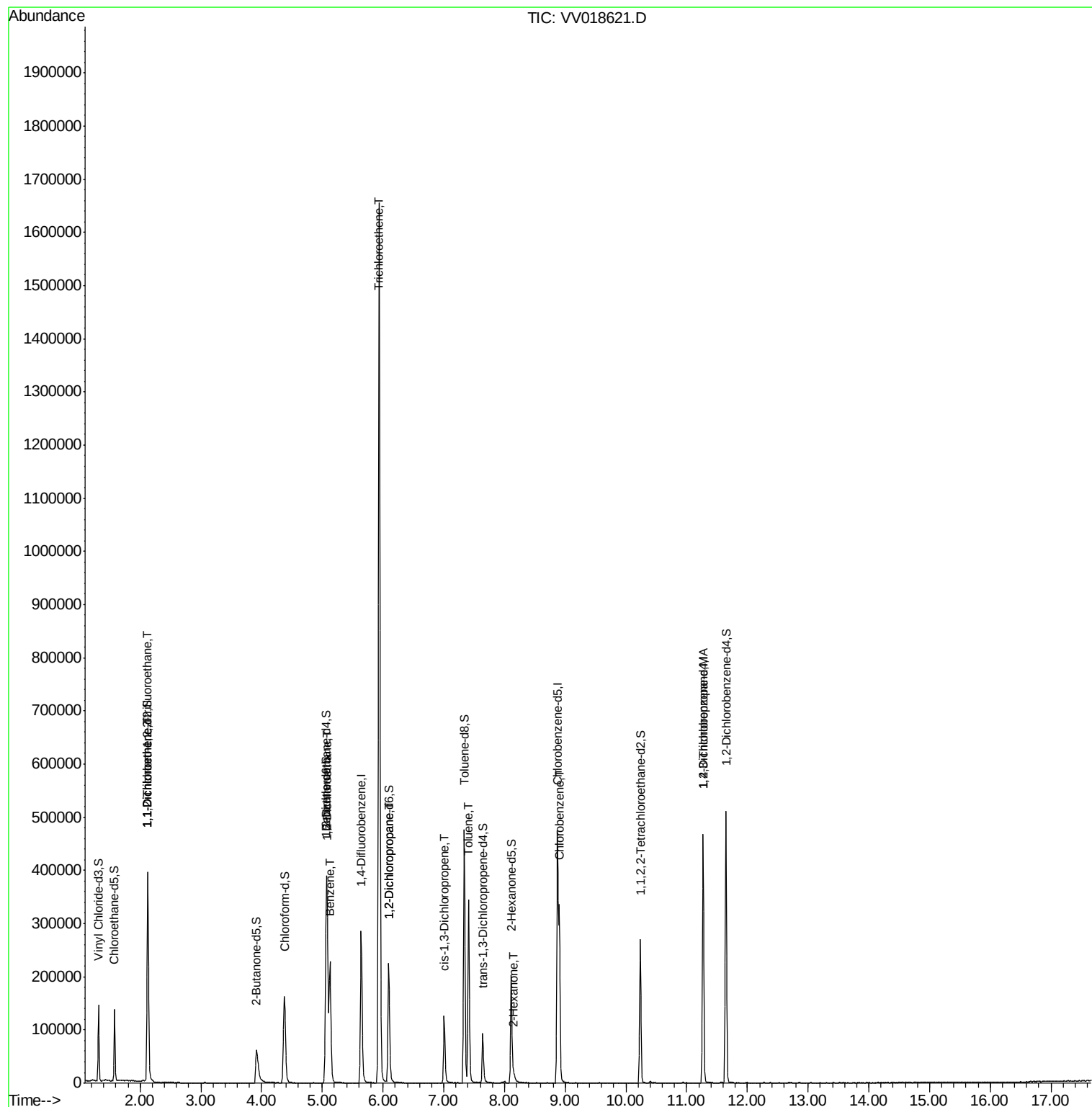
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1510	0.952	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	56312	36.990	ug/L #	76
27) 1,2-Dichloroethane	5.09	62	2442	0.973	ug/L #	74
33) Benzene	5.13	78	226780	32.039	ug/L	100
34) Trichloroethene	5.94	95	554526	269.852	ug/L	99
37) 1,2-Dichloropropane	6.09	63	11719	6.453	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3204	1.125	ug/L	83
42) Toluene	7.41	91	244807	31.971	ug/L	98
48) 2-Hexanone	8.16	43	5848	3.199	ug/L #	82
51) Chlorobenzene	8.90	112	167908	32.414	ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	13198	5.975	ug/L #	85

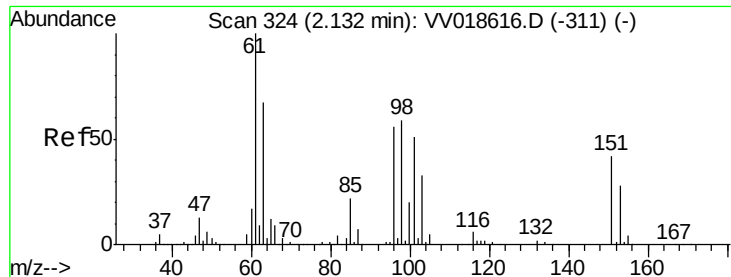
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.952 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018621.D

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Instrument :

MSVOA_V

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E0AC7MS

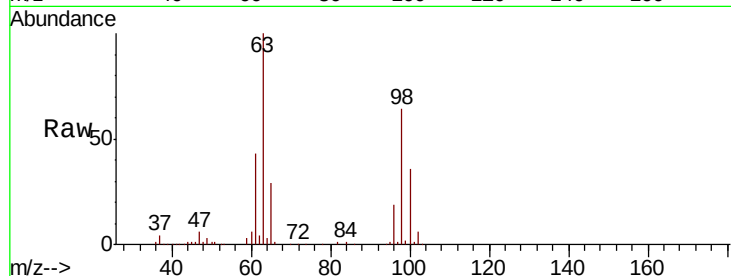
Tot Ion:101 Resp: 1510

Ion Ratio Lower Upper

101 100

85 4.6 34.6 52.0#

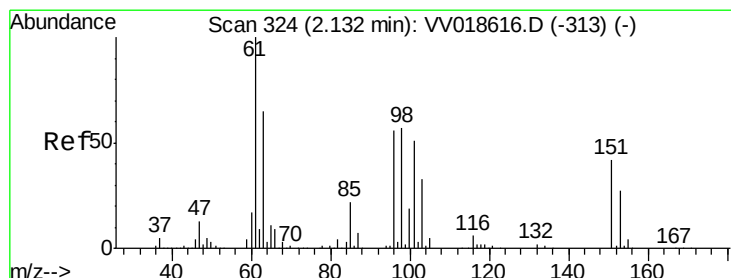
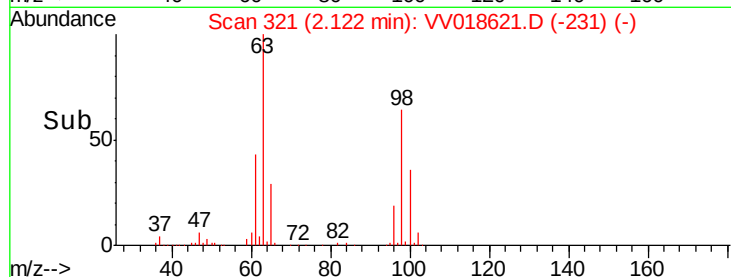
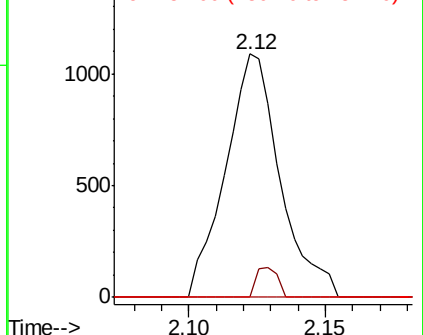
151 0.0 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 36.990 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018621.D

Acq: 02 Oct 2020 13:26

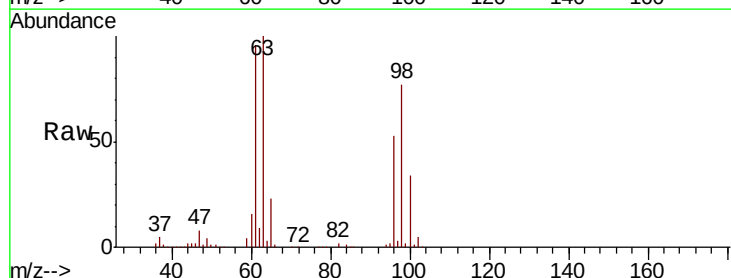
Tgt Ion: 96 Resp: 56312

Ion Ratio Lower Upper

96 100

61 182.6 122.8 228.1

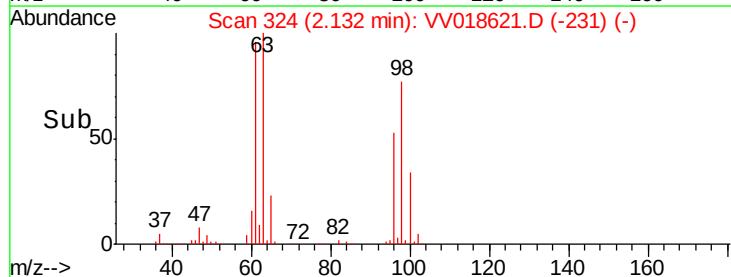
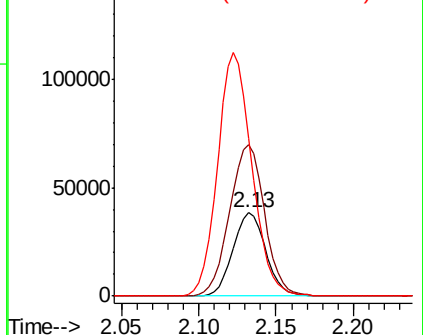
63 189.9 91.9 170.7#

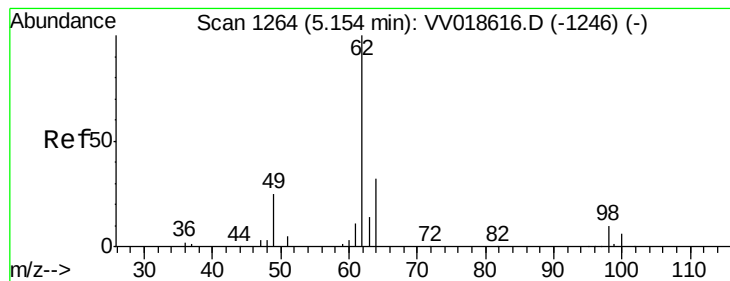


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.973 ug/L

RT: 5.09 min Scan# 1243

Delta R.T. -0.07 min

Lab File: VV018621.D

Acq: 02 Oct 2020 13:26

Instrument :

MSVOA_V

ClientSampleId :

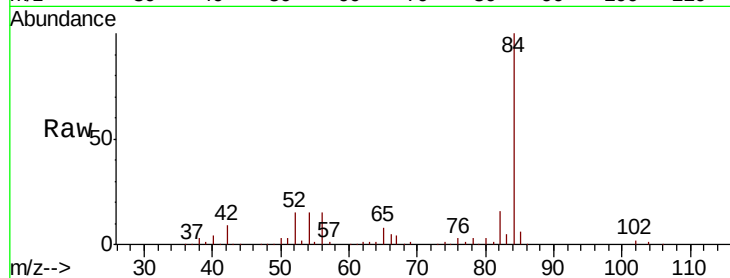
E0AC7MS

Tot Ion: 62 Resp: 2442

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VV018616.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV018616.D (-1246) (-)

5.09

1200

1000

800

600

400

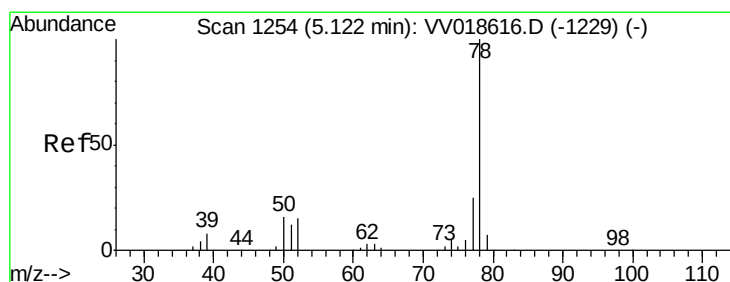
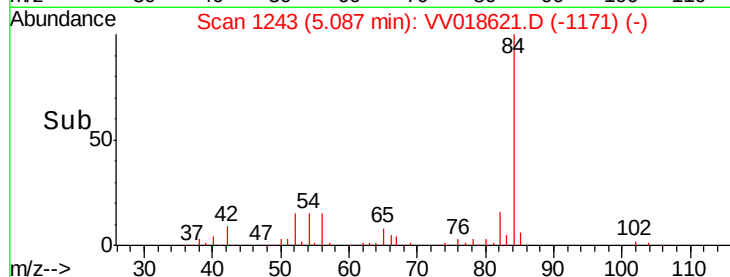
200

0

5.05

5.10

Time-->



#33

Benzene

Concen: 32.039 ug/L

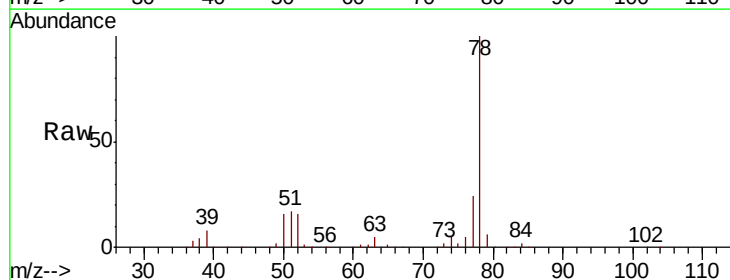
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV018621.D

Acq: 02 Oct 2020 13:26

Tgt Ion: 78 Resp: 226780



Abundance Ion 78.00 (77.70 to 78.70): VV018616.D (-1229) (-)

120000

100000

80000

60000

40000

20000

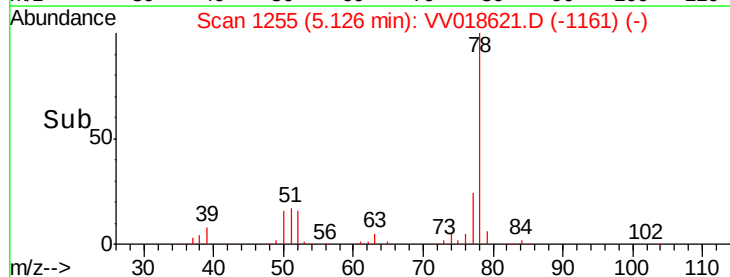
0

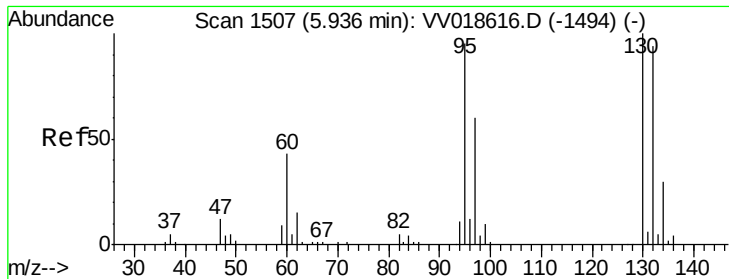
5.00

5.10

5.20

Time-->

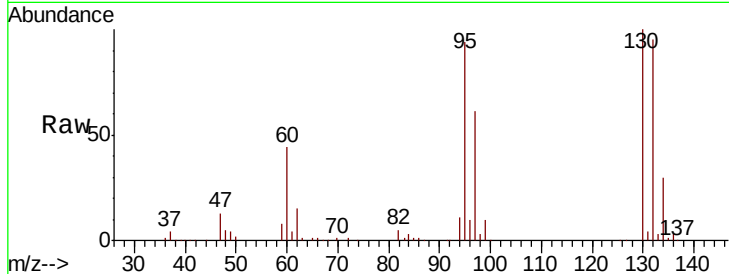




#34
 Trichloroethene
 Concen: 269.852 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MS

Tot Ion	95	Resp	554526
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.9	85.3
132	100.9	70.8	131.4
130	106.1	75.3	139.8



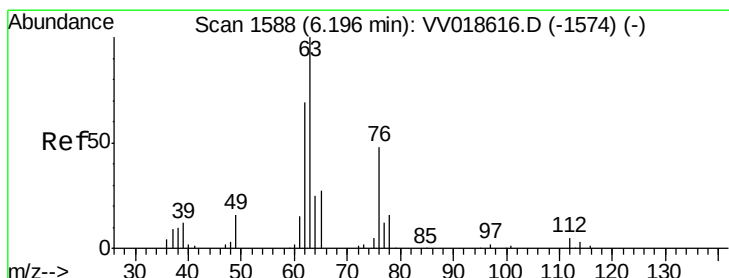
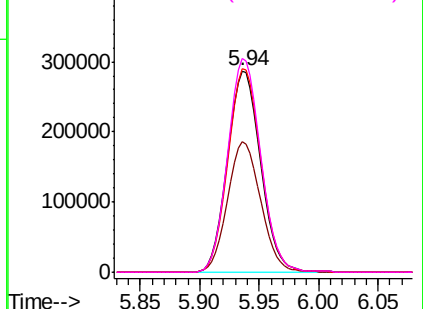
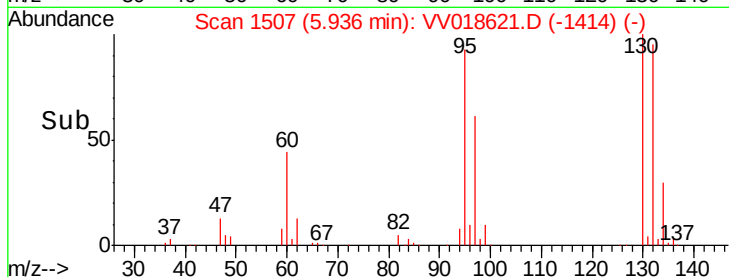
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

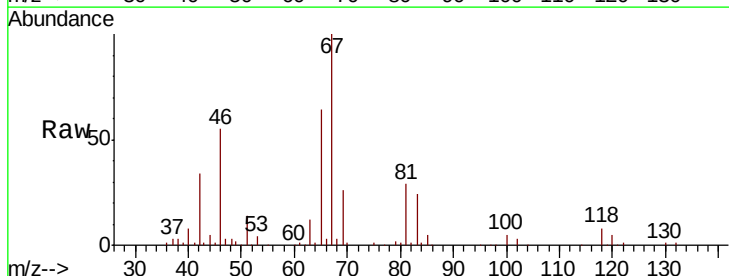
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37
 1,2-Dichloropropane
 Concen: 6.453 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

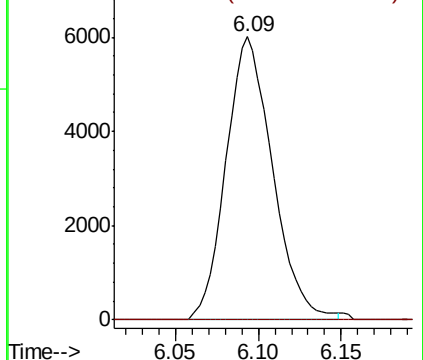
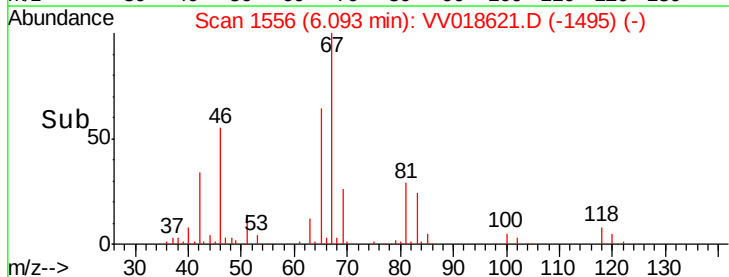
Tgt Ion	63	Resp	11719
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

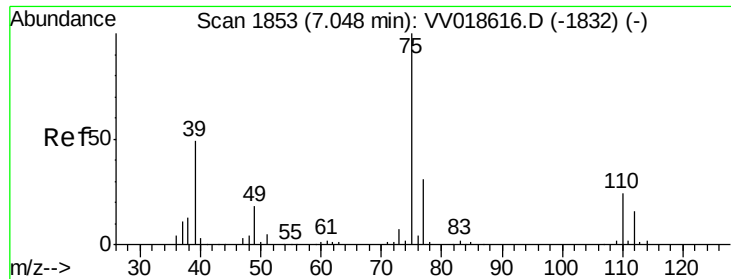


Abundance

Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

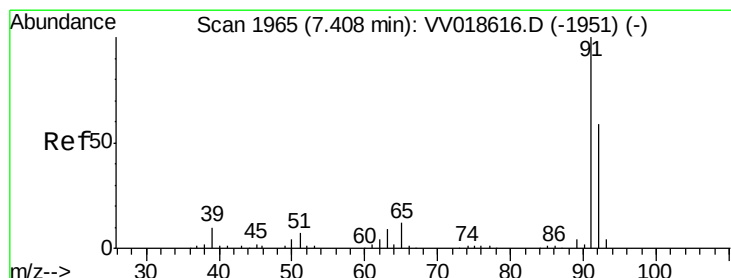
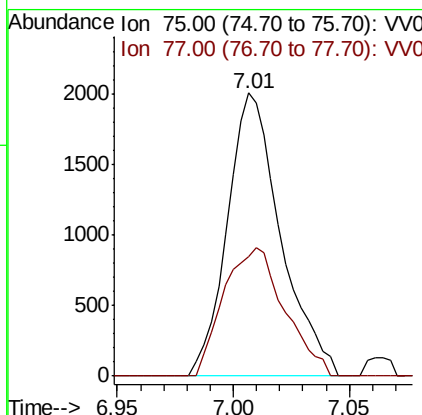
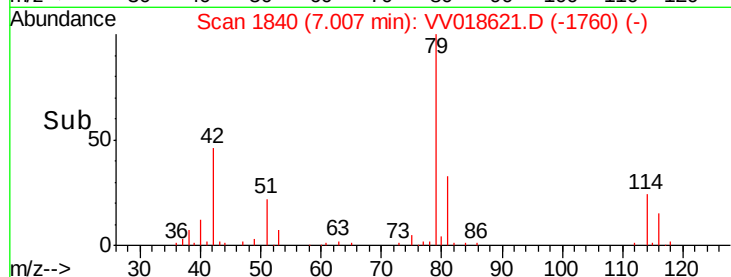
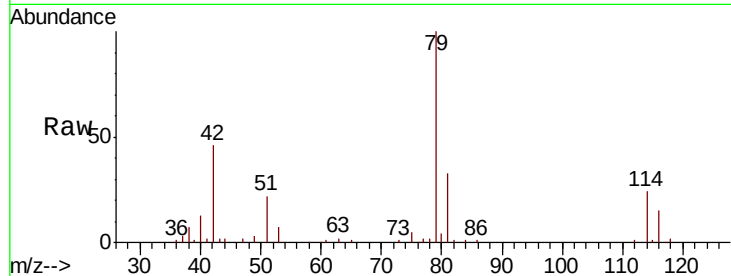




#39
 cis-1,3-Dichloropropene
 Concen: 1.125 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

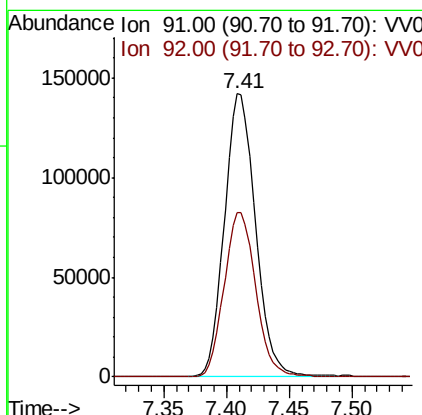
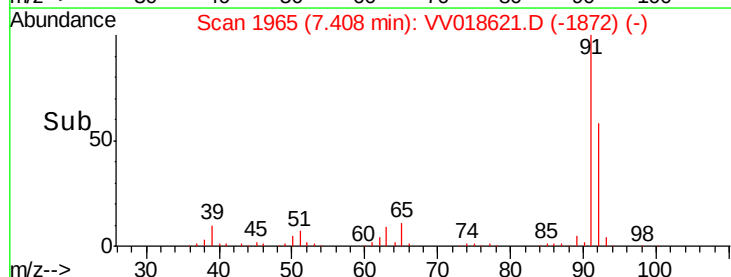
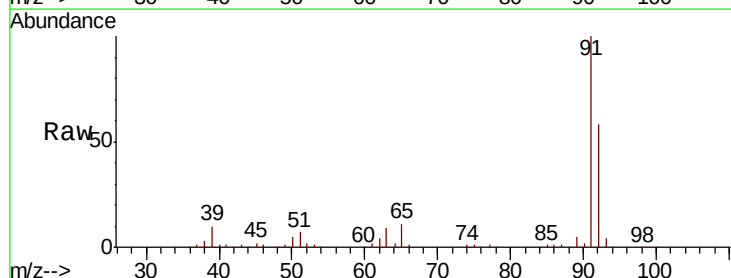
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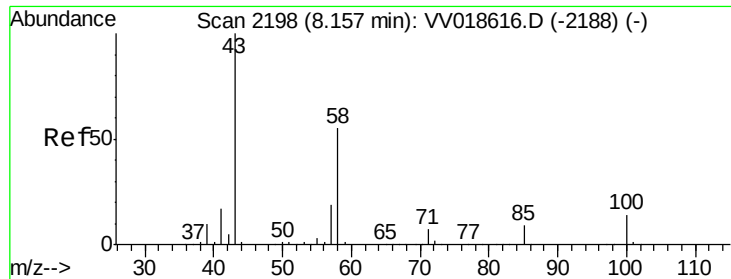
Tot Ion: 75 Resp: 3204
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.0 42.6



#42
 Toluene
 Concen: 31.971 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

Tgt Ion: 91 Resp: 244807
 Ion Ratio Lower Upper
 91 100
 92 57.9 41.6 77.3

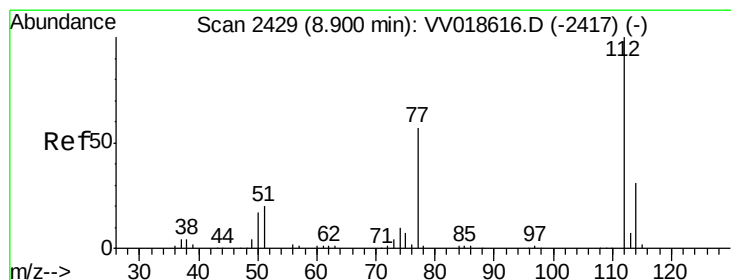
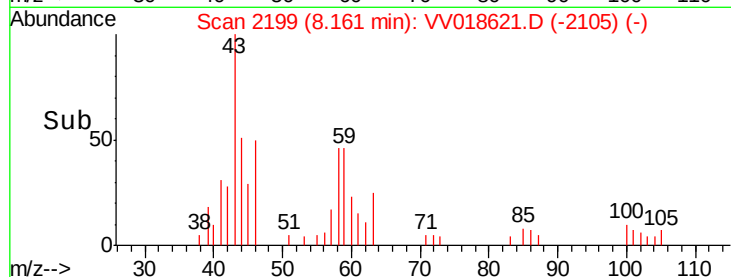
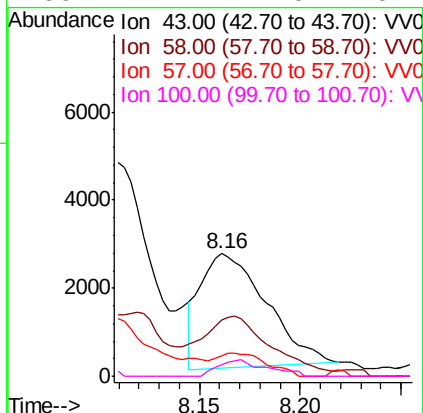
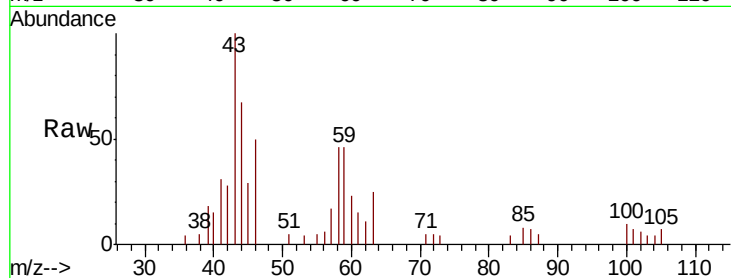




#48
2-Hexanone
Concen: 3.199 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018621.D
Acq: 02 Oct 2020 13:26

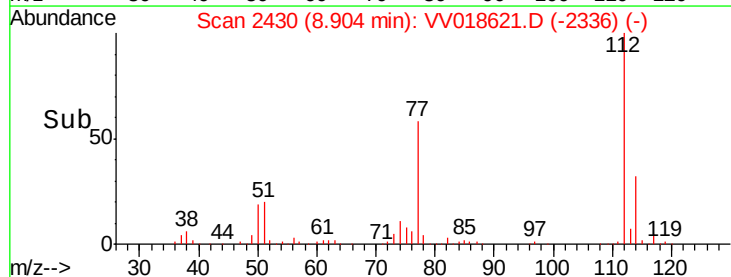
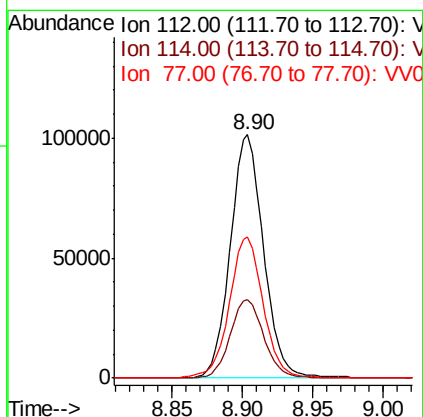
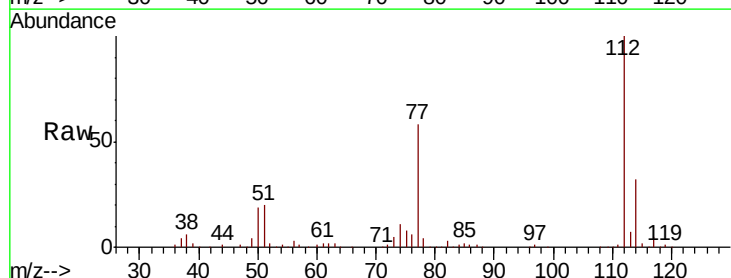
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ClientSampleId :
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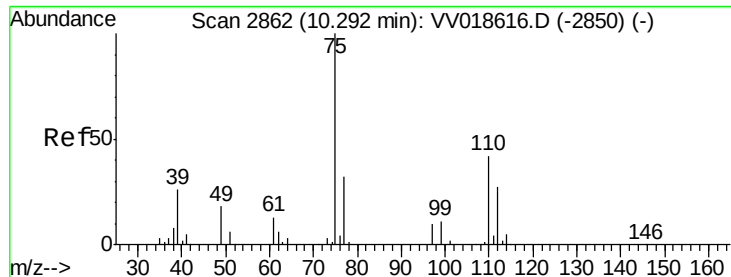
Tot Ion: 43 Resp: 5848
Ion Ratio Lower Upper
43 100
58 44.6 45.1 67.7#
57 8.3 15.7 23.5#
100 7.1 11.0 16.4#



#51
Chlorobenzene
Concen: 32.414 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018621.D
Acq: 02 Oct 2020 13:26

Tgt Ion: 112 Resp: 167908
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 57.8 44.8 67.2





#59

1,2,3-Trichloropropane

Concen: 5.975 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018621.D

Acq: 02 Oct 2020 13:26

Instrument :

MSVOA_V

ClientSampleId :

E0AC7MS

Tot Ion: 75 Resp: 13198

Ion Ratio Lower Upper

75 100

77 40.2 25.4 38.0#

