

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018599.D
 Acq On : 01 Oct 2020 19:37
 Operator : SY/MD
 Sample : L4237-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB6

Quant Time: Oct 02 04:19:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	227814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94216	68.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	137.78%#
7) Chloroethane-d5	1.58	69	85629	75.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.46%#
11) 1,1-Dichloroethene-d2	2.12	63	156301	56.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.18%
21) 2-Butanone-d5	3.91	46	112813	110.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.59%
24) Chloroform-d	4.38	84	181085	61.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.48%
26) 1,2-Dichloroethane-d4	5.06	65	123225	65.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.28%#
32) Benzene-d6	5.08	84	366697	63.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.10%#
36) 1,2-Dichloropropane-d6	6.09	67	110009	63.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.18%#
41) Toluene-d8	7.34	98	327818	60.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.78%#
43) trans-1,3-Dichloropropene-	7.64	79	54719	58.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.20%
47) 2-Hexanone-d5	8.11	63	63333	95.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125760	54.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	140662	64.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.80%#

Target Compounds

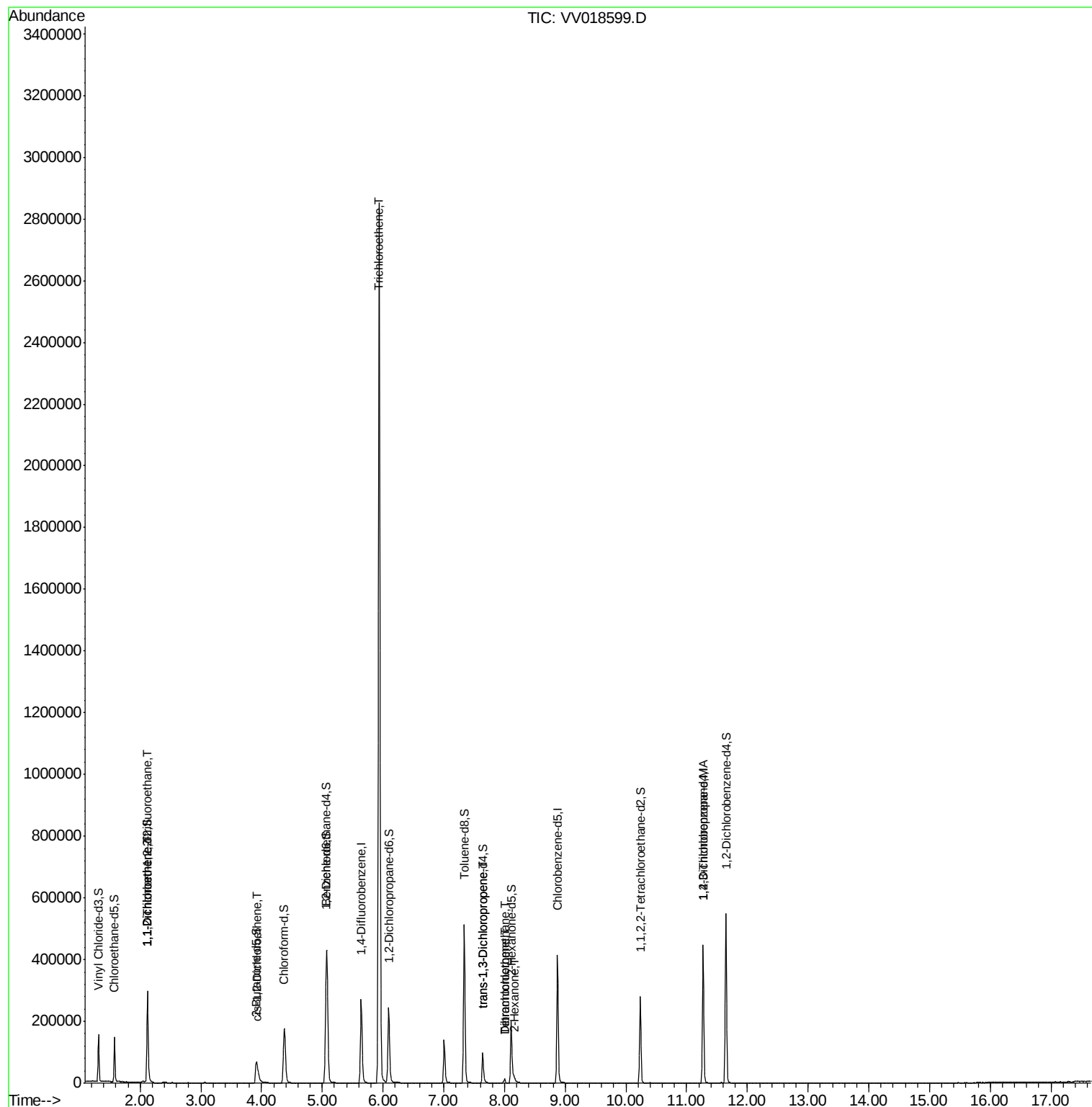
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1721	1.134 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1444	0.992 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	6651	3.757 ug/L	98
34) Trichloroethene	5.94	95	950863	489.366 ug/L	98
44) trans-1,3-Dichloropropene	7.65	75	2732	1.032 ug/L	93
46) Tetrachloroethene	8.00	164	3073	1.949 ug/L	94
48) 2-Hexanone	8.17	43	7737	4.475 ug/L #	40
49) Dibromochloromethane	8.00	129	2774	1.427 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	12833	6.144 ug/L	94

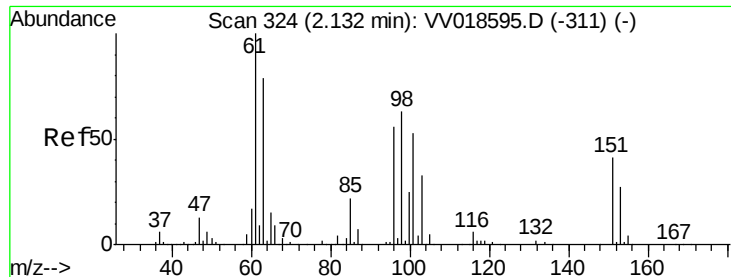
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#10

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

Concen: 1.134 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018599.D

Acq: 01 Oct 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

E0AB6

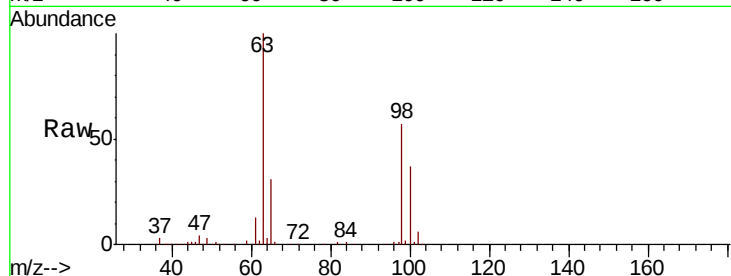
Tot Ion:101 Resp: 1721

Ion Ratio Lower Upper

101 100

85 2.3 34.6 52.0#

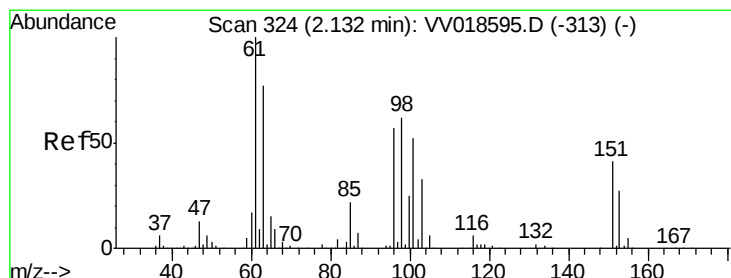
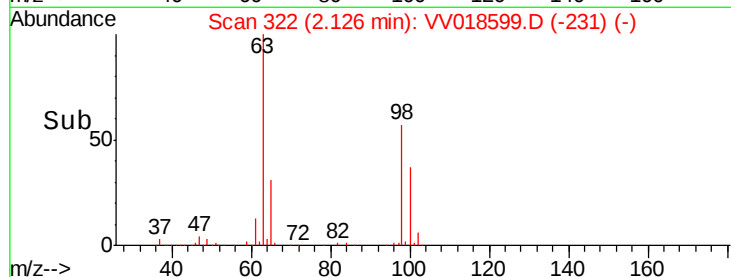
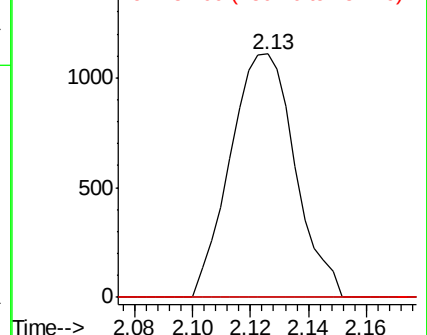
151 0.0 64.3 96.5#



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: 0.992 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018599.D

Acq: 01 Oct 2020 19:37

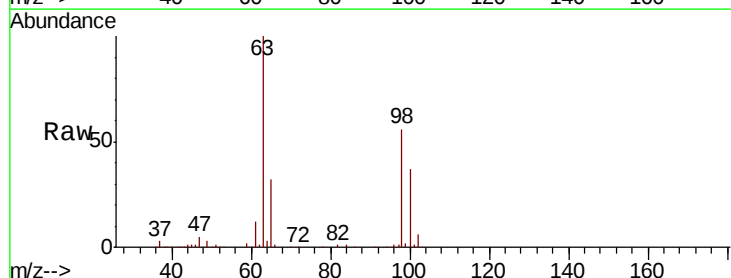
Tgt Ion: 96 Resp: 1444

Ion Ratio Lower Upper

96 100

61 1569.0 122.8 228.1#

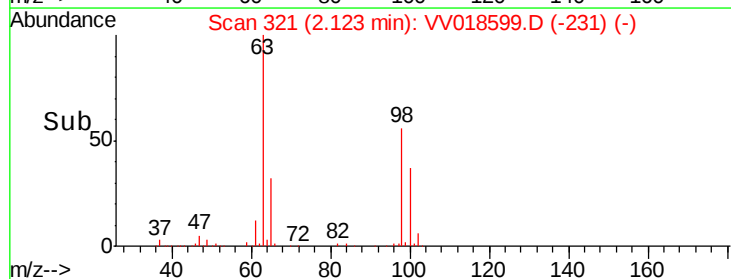
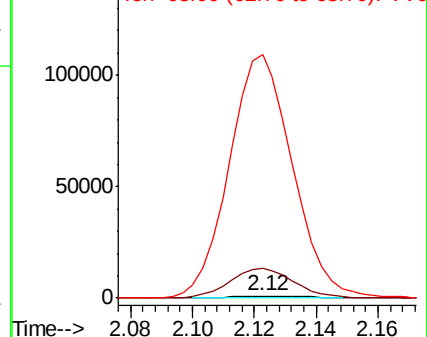
63 12708.8 91.9 170.7#

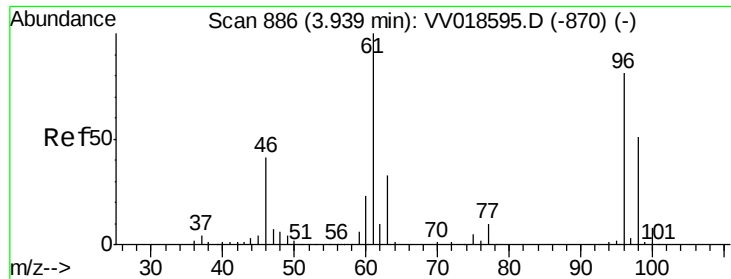


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

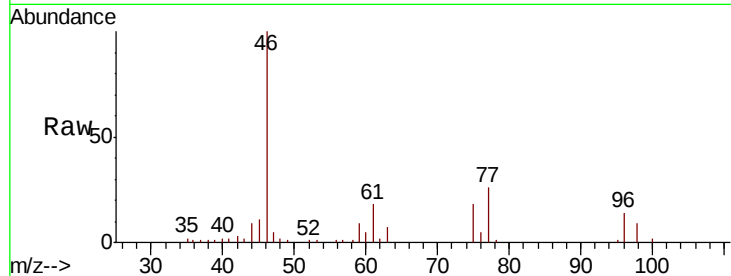




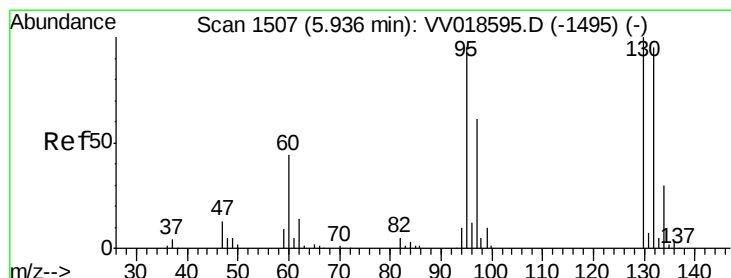
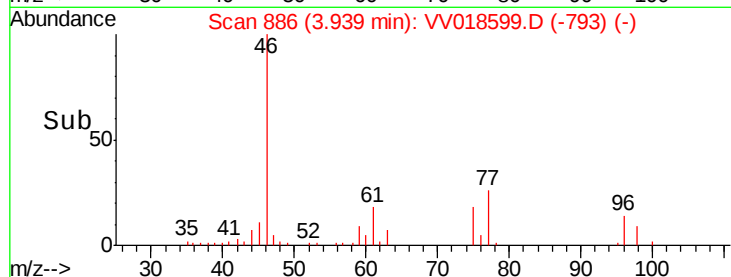
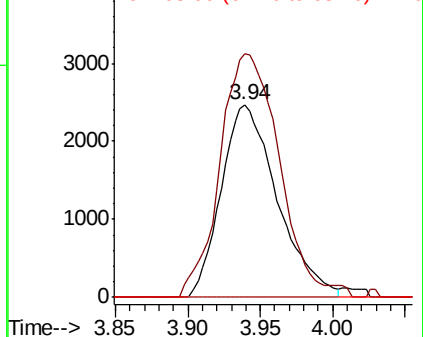
#20
 cis-1,2-Dichloroethene
 Concen: 3.757 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018599.D
 Acq: 01 Oct 2020 19:37

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB6

Tot Ion: 96 Resp: 6651
 Ion Ratio Lower Upper
 96 100
 61 126.4 86.8 161.2
 68 0.0 0.0 0.0

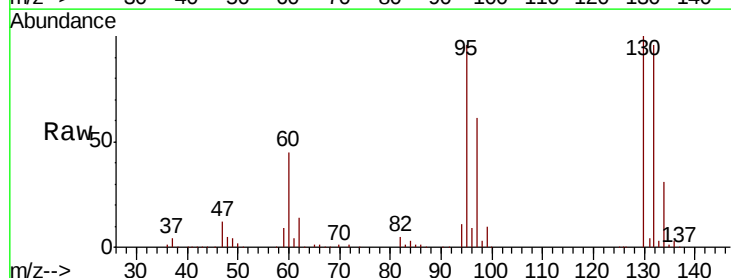


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

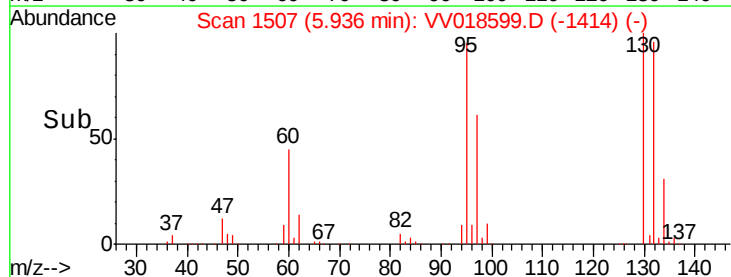
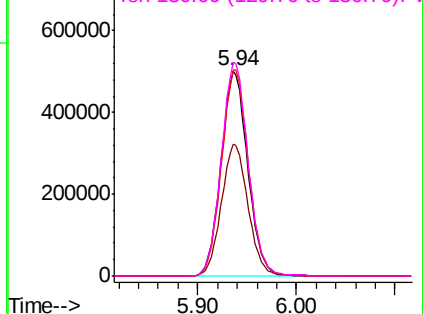


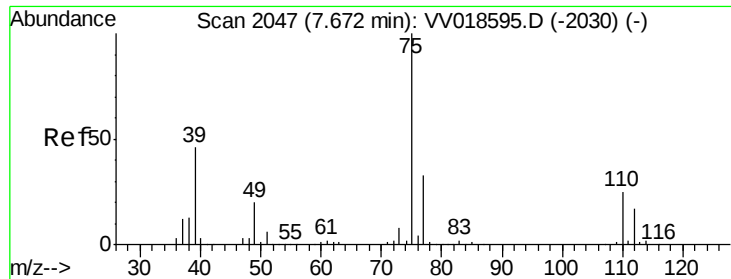
#34
 Trichloroethene
 Concen: 489.366 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018599.D
 Acq: 01 Oct 2020 19:37

Tgt Ion: 95 Resp: 950863
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.9 85.3
 132 100.5 70.8 131.4
 130 104.2 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): VV0
 Ion 130.00 (129.70 to 130.70): VV0

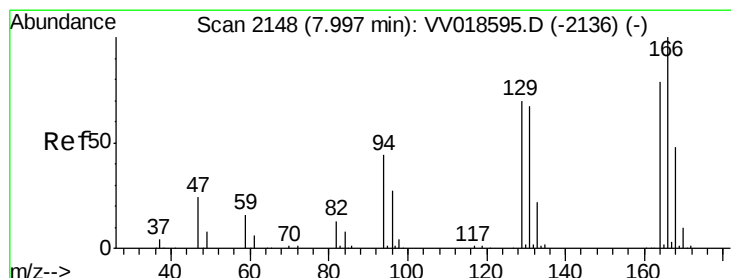
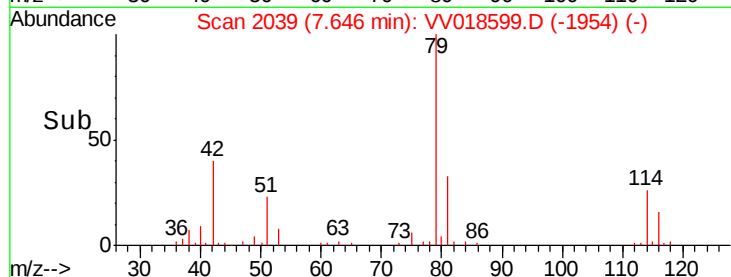
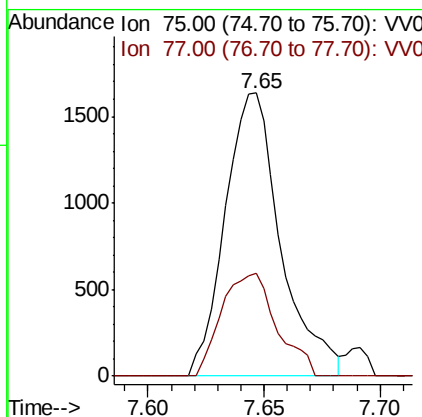
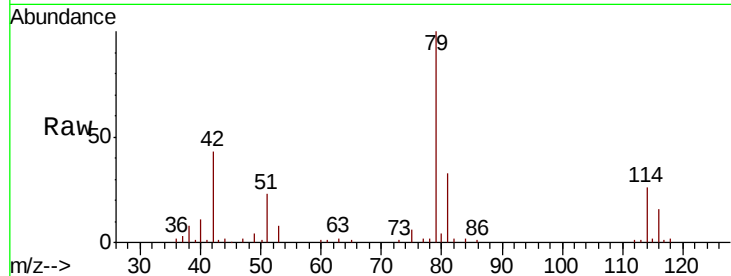




#44
trans-1,3-Dichloropropene
Concen: 1.032 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

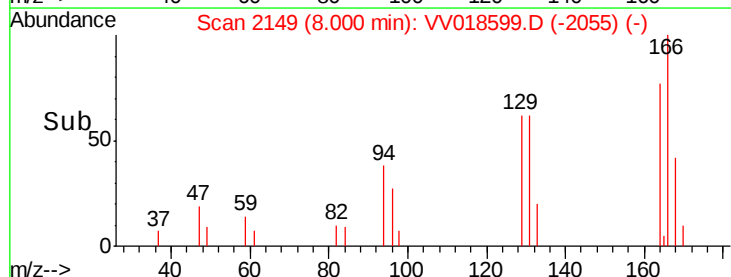
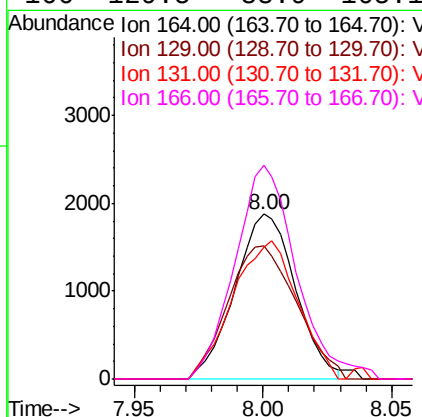
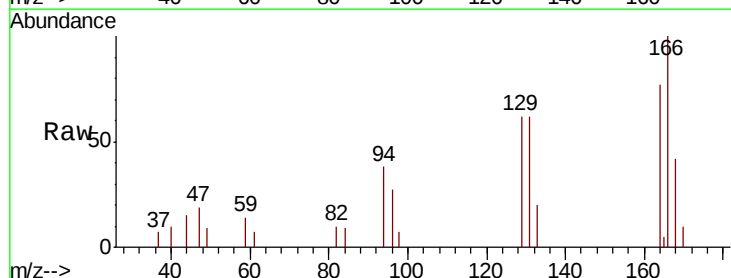
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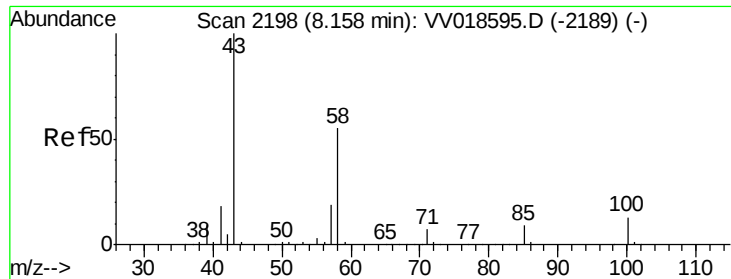
Tot Ion: 75 Resp: 2732
Ion Ratio Lower Upper
75 100
77 36.5 22.7 42.1



#46
Tetrachloroethene
Concen: 1.949 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

Tgt Ion: 164 Resp: 3073
Ion Ratio Lower Upper
164 100
129 80.5 62.8 116.6
131 79.7 60.8 112.8
166 129.5 88.9 165.1

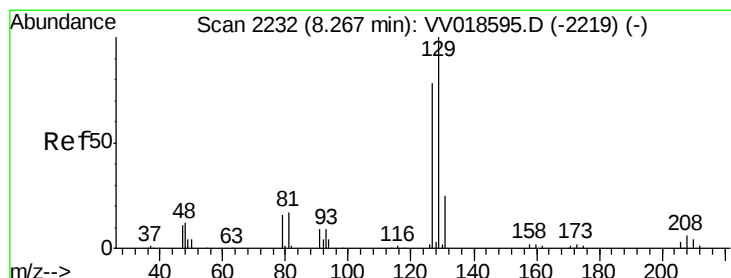
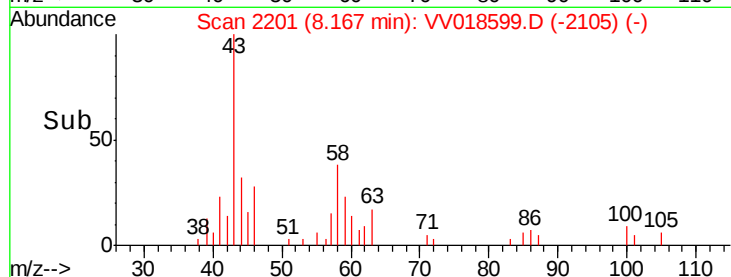
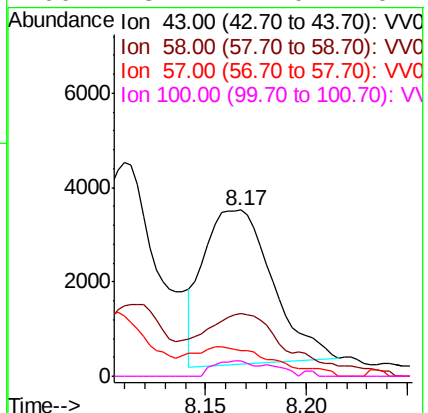
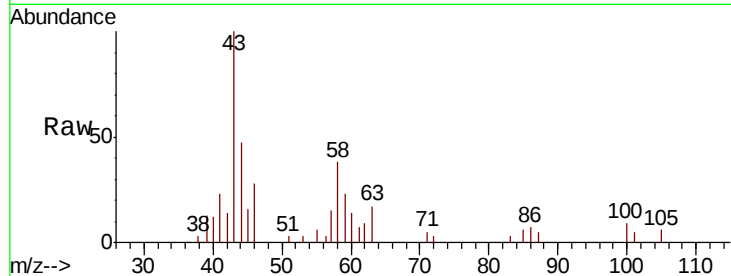




#48
2-Hexanone
Concen: 4.475 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

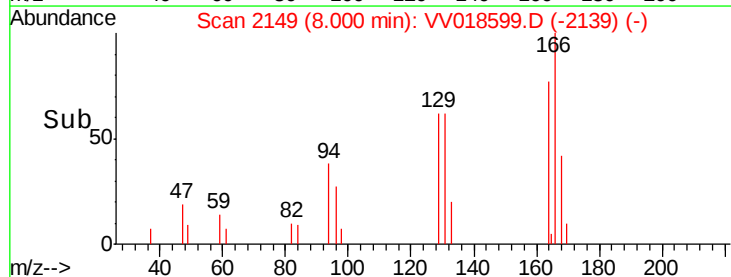
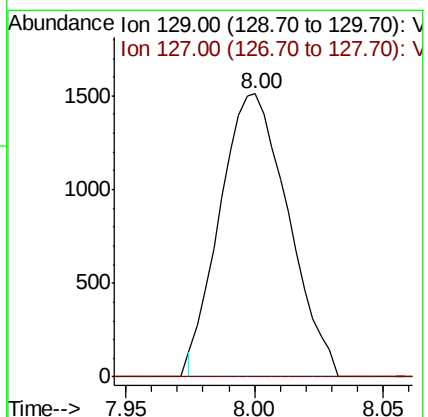
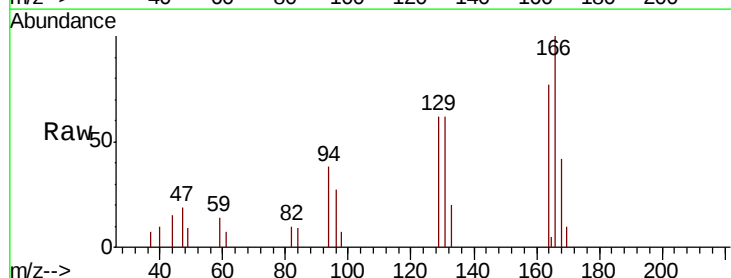
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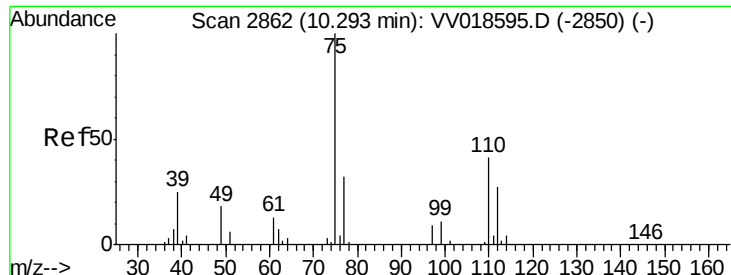
Tot Ion: 43 Resp: 7737
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 2.0 15.7 23.5#
100 5.4 11.0 16.4#



#49
Dibromochloromethane
Concen: 1.427 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

Tgt Ion: 129 Resp: 2774
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 6.144 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018599.D

Acq: 01 Oct 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

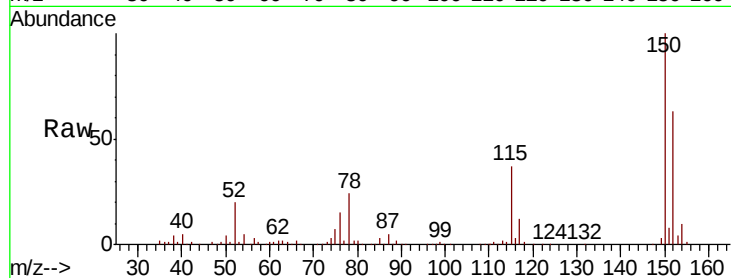
E0AB6

Tot Ion: 75 Resp: 12833

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

