

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015927.D
 Acq On : 06 May 2020 22:45
 Operator : SY/MD
 Sample : L2526-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 08:39:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	69364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41976	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	38369	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	64379	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.93	46	118502	49.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.38	84	85667	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	51439	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	176623	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	55056	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	159419	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.65	79	18559	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.11	63	85808	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37463	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	57642	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

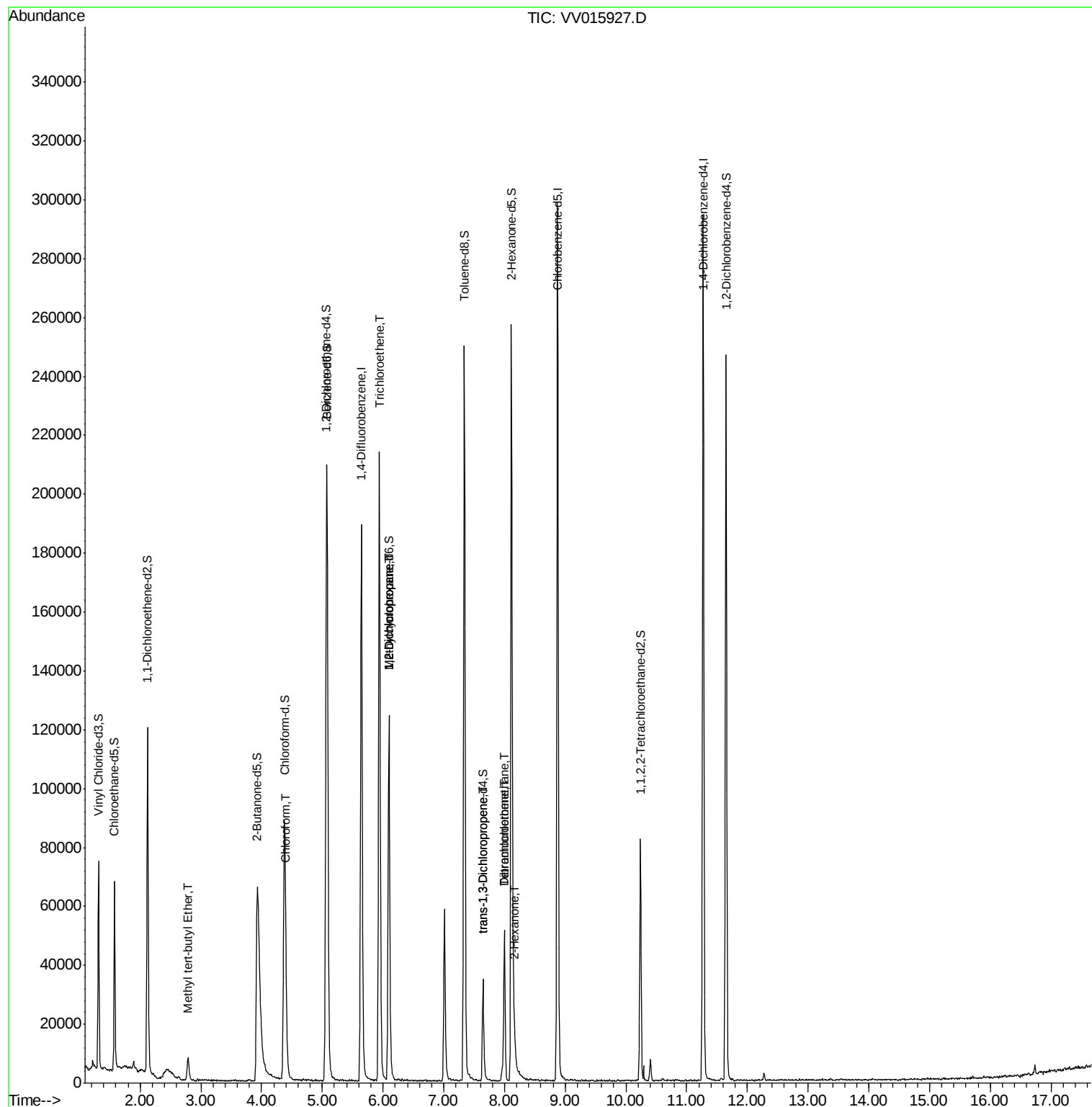
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	7126	0.317	ug/L 95
25) Chloroform	4.41	83	13454	0.680	ug/L 99
34) Trichloroethene	5.94	95	73351	7.012	ug/L 95
35) Methylcyclohexane	6.09	83	13668	0.799	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	6954	0.723	ug/L # 87
44) trans-1,3-Dichloropropene	7.64	75	1116	0.097	ug/L 100
47) Tetrachloroethene	8.00	164	10839	1.390	ug/L 97
48) 2-Hexanone	8.16	43	4628	1.081	ug/L # 76
49) Dibromochloromethane	8.00	129	10204	1.459	ug/L # 9

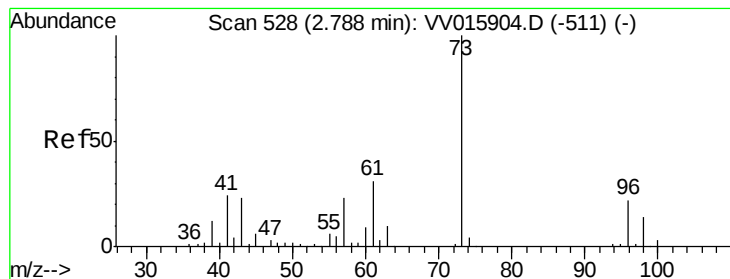
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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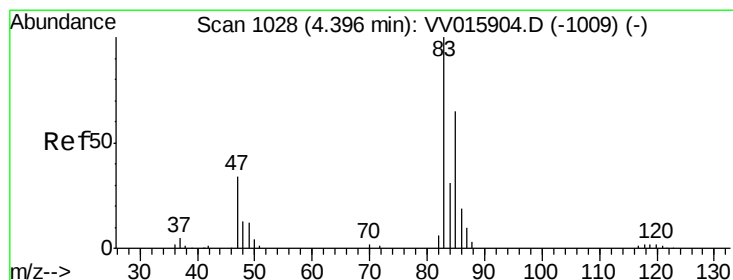
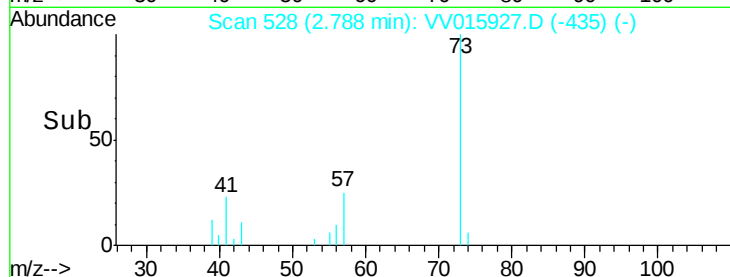
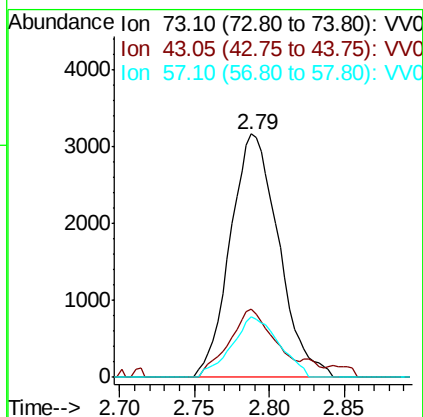
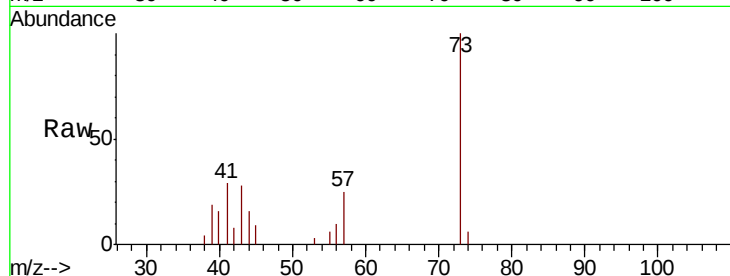


#17

Methvl tert-butvl Ether
 Concen: 0.317 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV015927.D
 Acq: 06 May 2020 22:45

Instrument :
 MSVOA_V
 ClientSampleId :

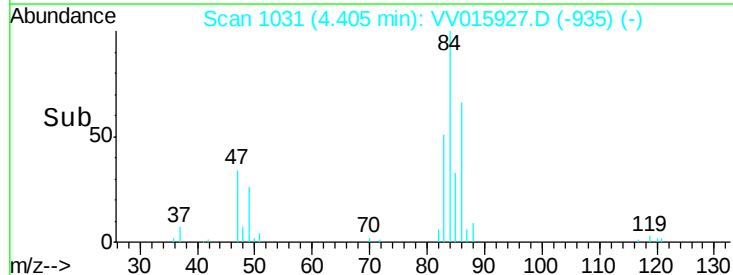
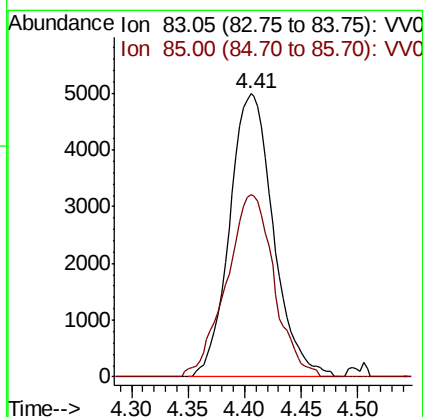
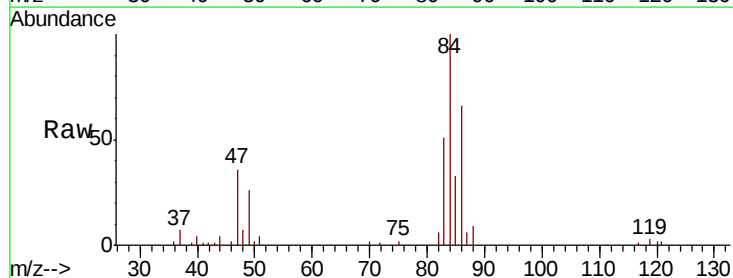
Tot Ion: 73 Resp: 7126
 Ion Ratio Lower Upper
 73 100
 43 26.6 18.8 28.2
 57 24.4 17.8 26.6

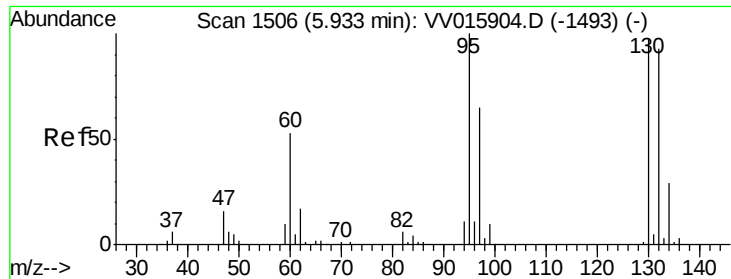


#25

Chloroform
 Concen: 0.680 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015927.D
 Acq: 06 May 2020 22:45

Tgt Ion: 83 Resp: 13454
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.7 84.9

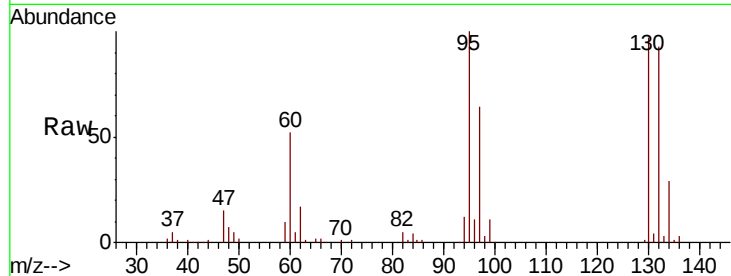




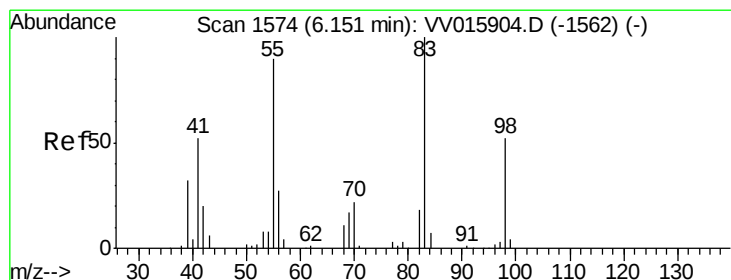
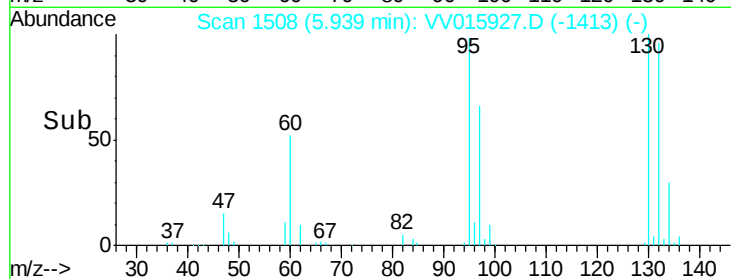
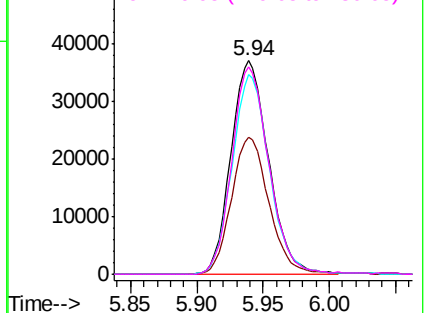
#34
 Trichloroethene
 Concen: 7.012 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV015927.D
 Acq: 06 May 2020 22:45

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 73351
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.3 80.5
 132 93.4 60.3 112.1
 130 97.4 66.0 122.6

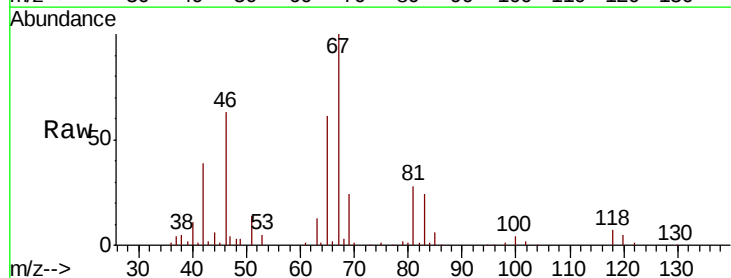


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

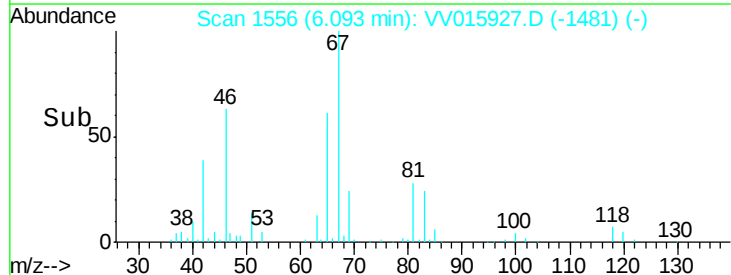
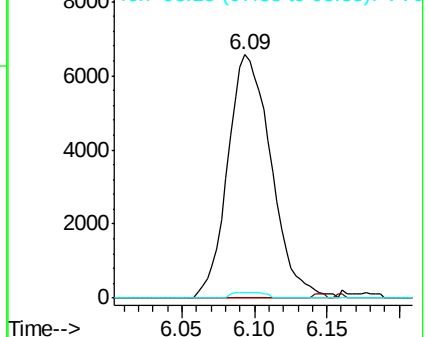


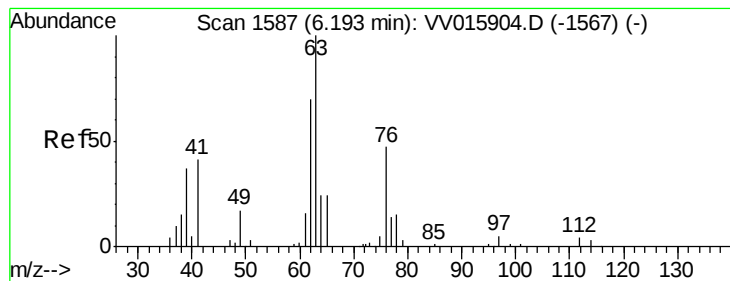
#35
 Methylcyclohexane
 Concen: 0.799 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015927.D
 Acq: 06 May 2020 22:45

Tgt Ion: 83 Resp: 13668
 Ion Ratio Lower Upper
 83 100
 55 0.5 66.2 99.2#
 98 1.7 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.723 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015927.D

Acq: 06 May 2020 22:45

Instrument :

MSVOA_V

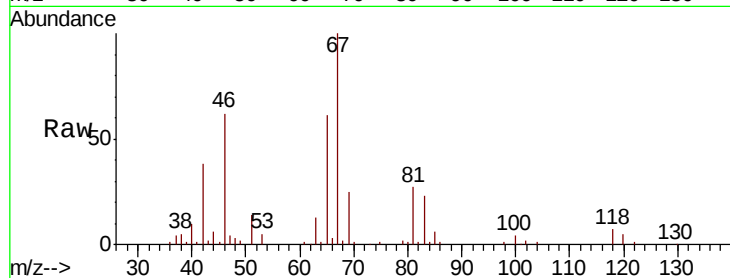
ClientSampleId :

Tot Ion: 63 Resp: 6954

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015904.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV015904.D (-1567) (-)

4000

3000

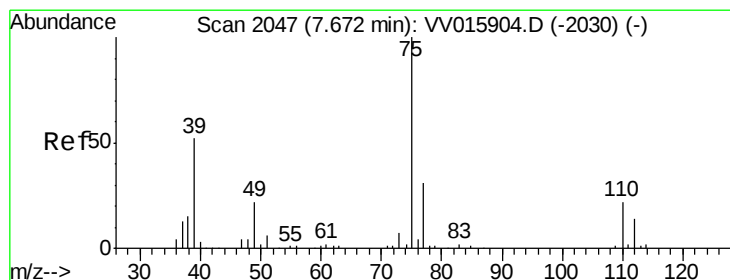
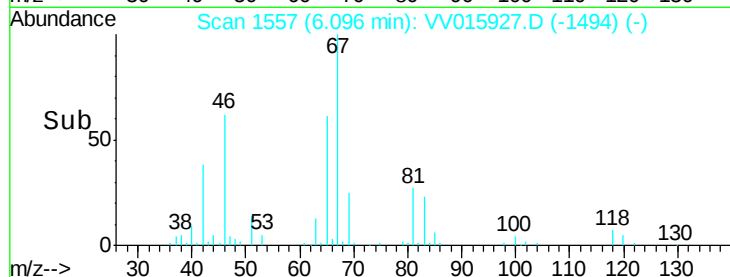
2000

1000

0

6.05 6.10 6.15

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015927.D

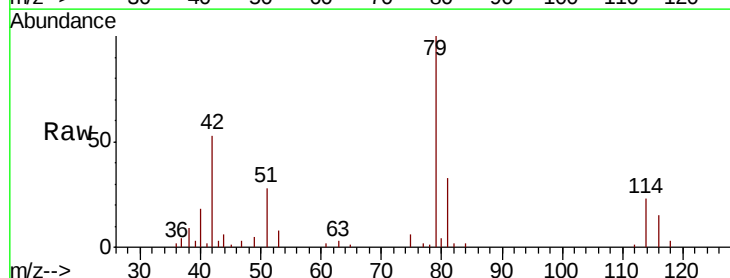
Acq: 06 May 2020 22:45

Tgt Ion: 75 Resp: 1116

Ion Ratio Lower Upper

75 100

77 30.3 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV015904.D (-2030) (-)

Ion 77.05 (76.75 to 77.75): VV015904.D (-2030) (-)

600

500

400

300

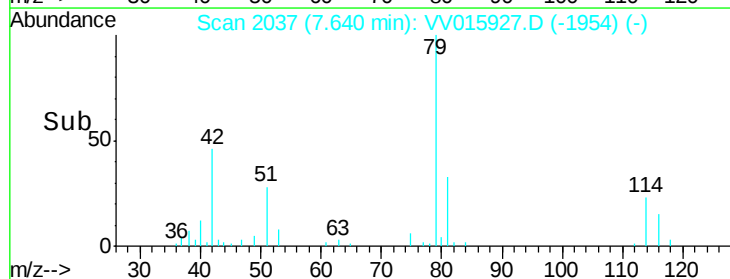
200

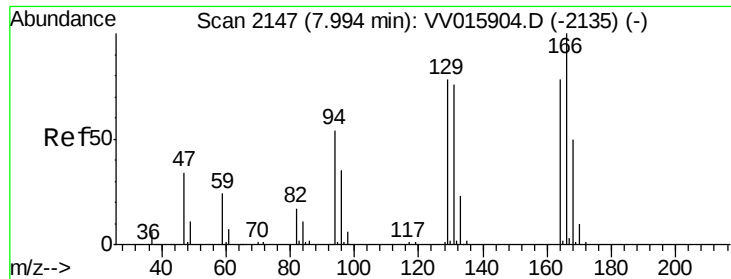
100

0

7.60 7.65 7.70

Time-->

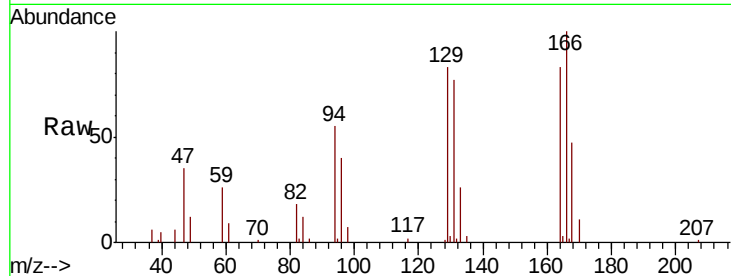




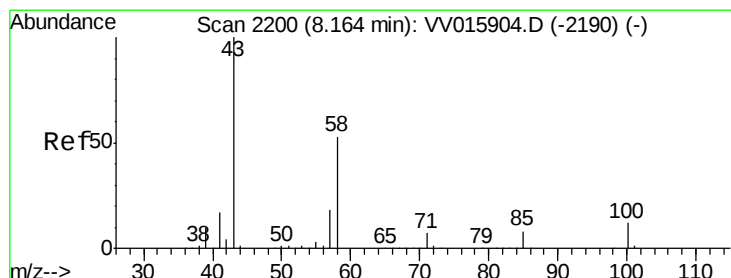
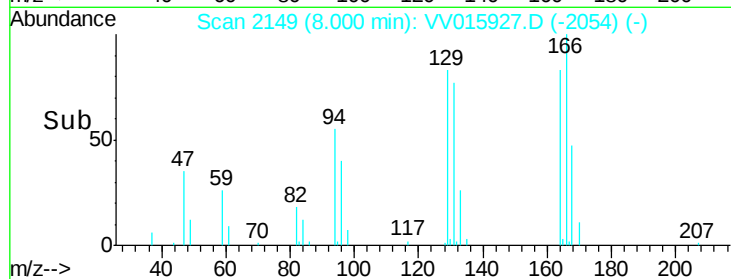
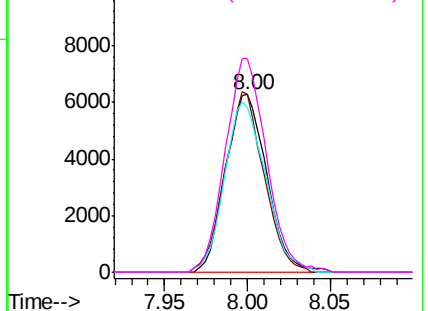
#47
Tetrachloroethene
Concen: 1.390 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV015927.D
Acq: 06 May 2020 22:45

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 10839
Ion Ratio Lower Upper
164 100
129 100.2 69.7 129.4
131 92.9 66.8 124.2
166 120.3 89.1 165.5

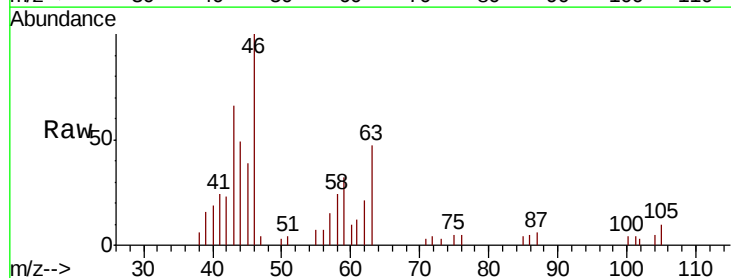


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

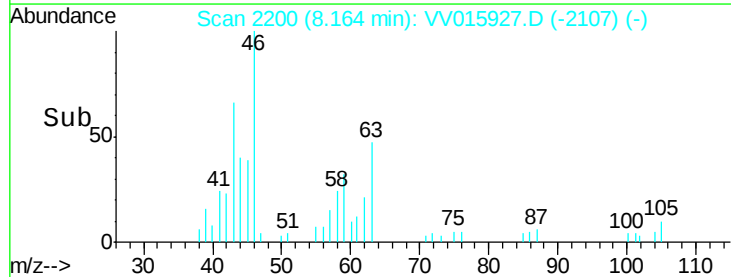
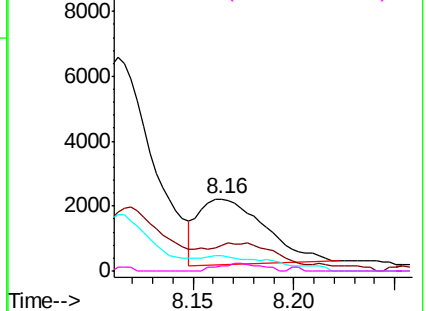


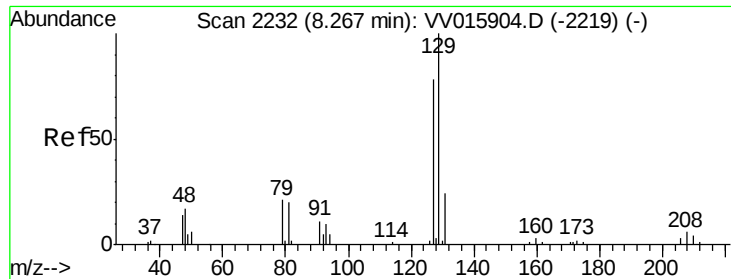
#48
2-Hexanone
Concen: 1.081 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015927.D
Acq: 06 May 2020 22:45

Tgt Ion: 43 Resp: 4628
Ion Ratio Lower Upper
43 100
58 30.3 40.8 61.2#
57 25.7 14.7 22.1#
100 7.3 9.0 13.6#



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





#49

Dibromochloromethane

Concen: 1.459 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015927.D

Acq: 06 May 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 10204

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#

